

TECHNICAL MANUAL

**DIRECT SUPPORT, GENERAL SUPPORT,
AND DEPOT
MAINTENANCE MANUAL
INCLUDING REPAIR PARTS AND SPECIAL TOOLS LISTS
RADIO SET AN/PRC-47**

This copy is a reprint which includes current pages from Changes 1 and 2.

**HEADQUARTERS DEPARTMENT OF THE ARMY
NOVEMBER 1974**

WARNING

Avoid contact with the high-voltage circuits and the antenna terminal of the radio transmitter-receiver while performing trouble isolation procedures personal injury may result.

WARNING

The 650- and 1500-volts potentials at the power amplifier screen and plate electrodes are extremely dangerous. Avoid contact with these circuits.

WARNING

Place the POWER-LIGHTS switch to POWER OFF, disconnect the primary power source cable from the front of RT-671/PRC-47, and discharge the plate circuit capacitors and high-voltage filter capacitors in the power supply before proceeding with the following test. Personal injury or death can result from these dangerous voltages.

WARNING

Avoid contact with the high-voltage circuits of Signal Data translator CV-1377A/PRC-47 (A3), Power Supply PP-3518/PRC-47 (A5). and in the power amplifier compartment. These voltages can cause personal injury or death.

WARNING

Before removing any equipment cover or module from Radio Receiver-Transmitter RT-671/PRC-47, disconnect all power from the unit.

WARNING

High voltages are present in the circuits associated with Signal Data Translator CV-1377A/PRC-47, Power Supply PP-3518/PRC-47, and the power amplifier compartment. These voltages are dangerous and can cause personal injury or death. Ground the two high-voltage terminals on the main chassis (J1-A1 and J1-A2) to discharge the capacitors in the high voltage circuits before beginning maintenance within the chassis or inside any module.

WARNING

Before further disassembly, short-circuit connector pins P1-A1 and P1-A2 to ground to discharge the high-voltage filter capacitors. Personal injury or death can result from these voltages.

WARNING

High voltages are present on circuit components associated with the power amplifier stage. These voltages are dangerous and can be fatal. Before beginning tube replacement, ground the two high-voltage terminals (J1-A1 and J1-A2) on the main chassis to discharge the filter capacitors in this equipment.

**Direct Support, General Support and
Depot Maintenance Manual
(Including Repair Parts and Special Tools List)
RADIO SET AN/PRC-47**

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**CHAPTER 1
INTRODUCTION**

1-1. Scope

a. This manual contains instructions for general support, direct support and depot maintenance of Radio Set AN/PRC-47. It includes instructions that are appropriate to the general support, direct support and depot maintenance routines for performance testing, troubleshooting, alignment, and repair of the equipment, the replacement of maintenance parts, and the repair of specific subassemblies. A list of tools, materials and test equipment that are required for maintenance is included. A detailed theory of operation for the equipment is included in chapter 2.

b. Operator and Organizational Maintenance Manual, Radio Set AN/PRC-47 TM 11-5820-509-12, including Repair Parts and Special Tools List and Maintenance Allocation Chart, contains additional information pertinent to this same equipment.

c. Only one model of Radio Set AN/PRC-47 is documented in this publication. An historical record of equipment revisions is shown in paragraph 1-4.

1-2. Indexes of Publications

a. *DA Pam 310-4.* Refer to the latest issue of DA PAM 310-4 to determine whether there are new editions, changes, or additional publications that pertain to this equipment.

b. *DA Pam 310-7* Refer to DA Pam 310-7 to determine whether there are modification work orders (MWO's) pertaining to this equipment.

NOTE

Other applicable forms and records are included in Operator and Organizational Maintenance Manual, Radio Set AN/PRC-47, TM 11-5820-509-12.

1-3. Reporting of Errors

The reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. These reports should be submitted on DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forwarded direct to Commander, U.S. Army Electronics Command, ATTN: DRSEL-MA-Q Fort Monmouth, NJ 07703.

1-3.1 Reporting Equipment Improvement Recommendations (EIR)

EIR will be prepared using DA Form 2407 (Maintenance Request). Instructions for preparing EIR's are provided in TM 38-750, The Army Maintenance Management System. EIR's should be mailed directly to Commander, US Army Electronics Command, ATTN: DRSEL-MA-Q, Fort Monmouth, NJ 07703.

1-3.2. Administrative Storage

Administrative storage of equipment issued to and used by Army activities shall be in accordance with TM 740-90-1.

1-3.3 Destruction of Army Electronics Materiel

Destruction of Army electronics materiel to prevent enemy use shall be in accordance with TM 750-244-2.

1-4. Historical Revisions to Equipment

a. No External appearance or major operational differences exist between procurements of Radio Set AN/PRC-47.

b. The electrical subassemblies and plug-in modules of Radio Receiver-Transmitter RT-671/PRC-47 have been revised during the history of Radio Set AN/PRC-47 as indicated in the table below. Complete interchangeability of the electrical subassembly or module was retained.

| Ref des | MCN effectivity | Description of change |
|--|-----------------|---|
| AUDIO FREQUENCY AMPLIFIER AM-3506/PRC-47 (A8A1) | | |
| A1C33 | 525 | Changed to 47 uF, was 33 uF. |
| A1C39 | 525 | Delete, was 22 uF. |
| A1CR14 | 525 | Delete, was type 1N457. |
| A1Q11W / A1Q12X | 525 | Changed to matched pair, type 2N158A match Beta within 25% at I _c = 250 ma |
| A1R55 | 525 | Changed to 18K, was 100K ohms. |
| A1R60 | 525 | Changed to 16.2K 2as 7.5K ohms. |
| A1R69 | 525 | Delete, was 18K ohms |
| A1R70 | 525 | Delete, was 470K ohms. |
| A1R71 | 525 | Delete, was 2,200 ohms. |
| A1R72 | 525 | Changed to 1,200 was 2,700 ohms. |

| Ref des | MCN effectivity | Description of change |
|--------------|-----------------|--|
| A1CR18 | 2366 | Added CR18, type 1N457. |
| A1C8 / A1C12 | No record | Changed to 100 uF, was 47 uF. |
| A1Q1 | No record | Changed to type 2N404, was type 2N422. |
| A1C26 | 4300 | Polarity on silk-screen was reversed. |
| A1R85 | 4300 | Added R85, 10K ohms. |

AMPLIFIER-MODULATOR AM-3507/PRC-47 (A8A2)

| | | |
|----------------|---|--|
| A2C37 | 203 | Added C37, 0.47 uF. |
| A2CR9 / A2CR10 | 203 | Delete, was type 1N66. |
| A2CR9 | 203 | Added CR9, type IN916. |
| A2R27 | 203 | Delete, was 120 ohms. |
| A2R27 | 203 | Added R27, 100K ohms. |
| A2R33 | 203 | Changed to 4,700, was 2,700 ohms. |
| A2R34 | 203 | Changed to 100K, was 12K ohms. |
| A2C36 | No record | Actual value selected for performance; nominal value 18 pF. |
| A2C16 | 422 | Changed to 91 pF, was 68 pF. |
| A2R25 | 422 | Changed to 2,700, was 2,200 ohms. |
| A2C12 | 525 | Changed to 240 pF, was 0.05 uF. |
| A2C23 | 658 | Changed to 1 uF, was 0.1 uF. |
| A2R17 | 805 and 211,305 | R17: changed to 1,800, was 1K ohms. |
| A2RT1 | 410, 438, 453, 456, 468, 471, 472, 480, 481, 502, 517, 521, 523, 524. | RT1: added, 3K ohms thermal |
| A2C26 | 1166 | Changed to 0.05 uF, was 0.1 uF. |
| A2R33 | 1654 | Changed to 2,700, was 4,700 ohms. |
| A2R34 | 1654 | Changed to 27K, was 100K ohms. |
| A2R35 | 1654 | Changed to 47K, was 56K ohms. |
| A2R33 | 1646 | Changed to 1.5K, was 2,700 (retrofit). |
| A2R34 | 1646 | Changed to 10K, was 27K ohms (retrofit). |
| A2R35 | 1646 | Changed to 68K, was 47K ohms (retrofit). |
| A2R41 | 1811 | Changed to ½ -watt film, was ¼ -watt composition. |
| A2R45 | 2068 | Changed to 680, was 1,200 ohms. |
| A2R14 | 2182 | Actual value selected for performance; nominal value 3,900 ohms. |
| A2CR7 / A2CR8 | 2314 | Changed to type IN198, was type 1N67A. |
| A2R29 | 2314 | Changed to 5,600, was 18K ohms. |
| A2R31 | 2314 | Changed to 10K, was 18K ohms. |
| A2C10 | 2750 | Changed to 150 vdcw, was 100 vdcw. |
| A2Q2 A2Q3 / | No record | Changed preferred type to 2N274, with Sig C-2N274 as alternate. |
| A2Q4 / A2Q5 | No record | Changed to 27K, was 10K ohms. |
| A2R34 | Plan 4838 | Changed style; delete fasteners on preferred type; retain for old type as alternate. |
| A2K1 | Plan 4838 | Deleted Sig CG2N274 as alternate type. |
| A2Q2 /A2Q31 | No record | Delete Sig CG2N274 as alternate type. |
| A2Q4 / A2Q5 | No record | (Changed to 1.5K, was, 1,800 ohms. |
| A2R17 | No record | (Changed to 1.5K, was, 1,800 ohms. |

SIGNAL DATA. TRANSLATOR CV-1377A/PRC-47 (A8A3)

| | | |
|---------------|-----------|--|
| A3C165 | 183 | Changed to 10 pF. was 20 pF |
| A3C167 | 183 | Changed to 220 pF. was 75 pF. |
| A3C168 | 183 | Actual value selected for performance; nominal value 150 pF. |
| A3C169 | 183 | Changed to 75 pF, was 220 pF. |
| A3C170 | 183 | Changed to 220 pF, was 68 pF. |
| A3C42 | Plan 199 | changed to 190 pF, was .-,30 pF. |
| A3C146 | 433 | Delete, was 390 pF. |
| A3C148 | 433 | Added C148, 390 pF. |
| A3CR3 / A3CR8 | No record | CR3 was CR3B, CRLS was C,R3A, each changed to type 1N198, was ½ of FA2000. |
| A3Q11 | 500 | Changed to type 2N708, was type 2N70:3. |
| A3CR1 | 506 | Delete, was type 1N916. |
| A3R73/ | 506 | Delete, each was 470K ohms. |
| A3R74 / | | |
| A3R75 / | | |

| Ref des | MCN effectivity | Description of change |
|-------------------|-----------------|---------------------------------------|
| A3R76 | | |
| A3C187 | 600 | Changed to 27 pF, was 20 pF. |
| A3C42 | Plan 737 | Changed to 270 pF, was 190 pF. |
| A3C248 / | 900 | Changed each to 8-50 pF, was 5-30 pF. |
| A3C250/ A3C252 | | |
| A3C249 | 900 | Changed to 287 pF, was 300 pF. |
| A3C251 | 900 | Changed to 165 pF, was 200 pF. |
| A3C253 | 900 | Changed to 133 pF, was 120 pF. |
| A3C255 | 900 | Changed to 91 pF, was 82 pF. |
| A3C257 | 900 | Changed to 62 pF, was 68 pF. |
| A3C259 | 900 | Changed to 39 pF, was 56 pF. |

Change 2 1-3

| Ref des | MCN effectivity | Description of change |
|--|---|---|
| OSCILLATOR CONTROL C-4311/PRC-47 (ASA7) (cont) | | |
| A7CR16/A7CR17 | 5000 | Added CR16, CR17, each type 1N754A. |
| A7R46/A7R65 | 5000 | Changed to 4,700, each was 12K ohms. |
| A7C200/A7C201 | 5416 | Added C200, C201, each 15 pF. |
| A7R42/A7R62 | 5416 | Changed to 47, each was 348 ohms. |
| A7R48/A7R67 | 5416 | Changed to 10K, each was 5,110 ohms. |
| A7C6 | No record | Delete, was 150 pF. |
| A7C9 | No record | Changed to 0.1 uF paper, was ceramic. |
| A7C200/A7C201 | No record | Delete, each was 15 pF. |
| A7R7 | No record | Changed to 1,800, was 2,700 ohms. |
| A7R42/A7R62 | No record | Changed to 348, each was 47 ohms. |
| ELECTRICAL EQUIPMENT CHASSIS CH-474/PRC-47 (A8A4) | | |
| A4R1 to R4 | 102, 116 to 121, 124 to 134, 136 to 139 and 141. | Changed R1 and R2 to 6.8, was 12 ohms. Changed R3 and R4 to 470, was 800 ohms. |
| A4C26/C27 | 167 | Added C26, C27, each 2.5 uF. |
| A4L4 to L6 | 167 | Added L4, 14 Turns; L5, L6, 10 mH. |
| A4K6 | 214 | Added K6, dpdt. |
| A4R126 | 214 | Added R126, 19.6K ohms. |
| A4R127 | 214 | Added R127, 1,210 ohms. |
| A4C28 | 352 | Added C28, 0.02 uF.. |
| A4C121 | 400 | Changed to 20 pF, was 40 pF. |
| A4R117 | 600 | Changed to 5K, was 1 megohm. |
| A4R118 | 600 | Changed to 1K, was 39K ohms. |
| A4C152 | 710 | Deleted, was 82 pF. |
| A4R129 | 713 | Added R129, 470 ohms. |
| A4C28 | Plan 1464 | Added C28, 0.02 uF. |
| A4C228 | 2028 | Deleted, was 0.01 uF. |
| A4F4 | No record | Added F4, 1/500A. |
| A4F5 | No record | Added F5, 1/10A. |
| A4Q1/Q2 | No record | Each was type 2N2287, added alternate type 2N1166. |
| A4R128 | No record | Added R128, 100K ohms. |

**CHAPTER 2
FUNCTION OF EQUIPMENT**

2-1. System Applications

a. Radio Set AN/PRC-47 provides singlesideband voice (usb only), continuous wave (cw) telegraphy, and frequency shift keying (fsk) teletypewriter modes of ground radio communication in the high frequency (hf) spectrum from 2.000 to 11.999-MHz and is operationally compatible with the AN/TRC-75 and similar radio equipment. The radio set is a two-man team, pack-transportable, transmitter-receiver that is contained in transportable carrying cases. It includes an antenna system and all necessary accessory items for telegraph and telephone operation but does not include an fsk input/output device or teletypewriter machines. The transmitter provides 100 watts peak-enveloppower (pep) output when operating singlesideband, and when equipped with a suitable blower/converter, such as CV-2455/PRC-47, will provide 100 watts average power in teletypewriter service. The receiver provides a minimum power output of 50 milliwatts from an input signal of 2.0 microvolts for a 10-dB signal-plus-noise to noise ratio.

b. Radio Set AN/PRC-47 normally is implemented for push-to-talk (ptt) operation. A field modification can be easily accomplished in Electrical Equipment Chassis Ch-474/PRC-47 that converts the equipment for voice-operated transmit (vox) operation. This vox option is implemented by strapping pin 11 (push-to-talk) to pin 20 (vox) at connector J1 (Power Supply PP3318/PRC-47, module A5). The discussion below assumes that this option is implemented: In the absence of this modification, only push-to-talk (ptt) operation is possible and reference to the vox mode and to the circuit description for the vox amplifier and relay driver stages may be ignored.

2-2. Block Diagram Explanations

a. This section presents the general theory of operation for Radio Set AN/PRC-47 on a block diagram level. The general theory first describes the relationships between the six major functional areas of the equipment. These areas are: the audio input devices, the cw telegraph key, the audio output devices, the external power sources, the antenna system, and the Radio Receive Transmitter RT-671/PRC-47 (A8).

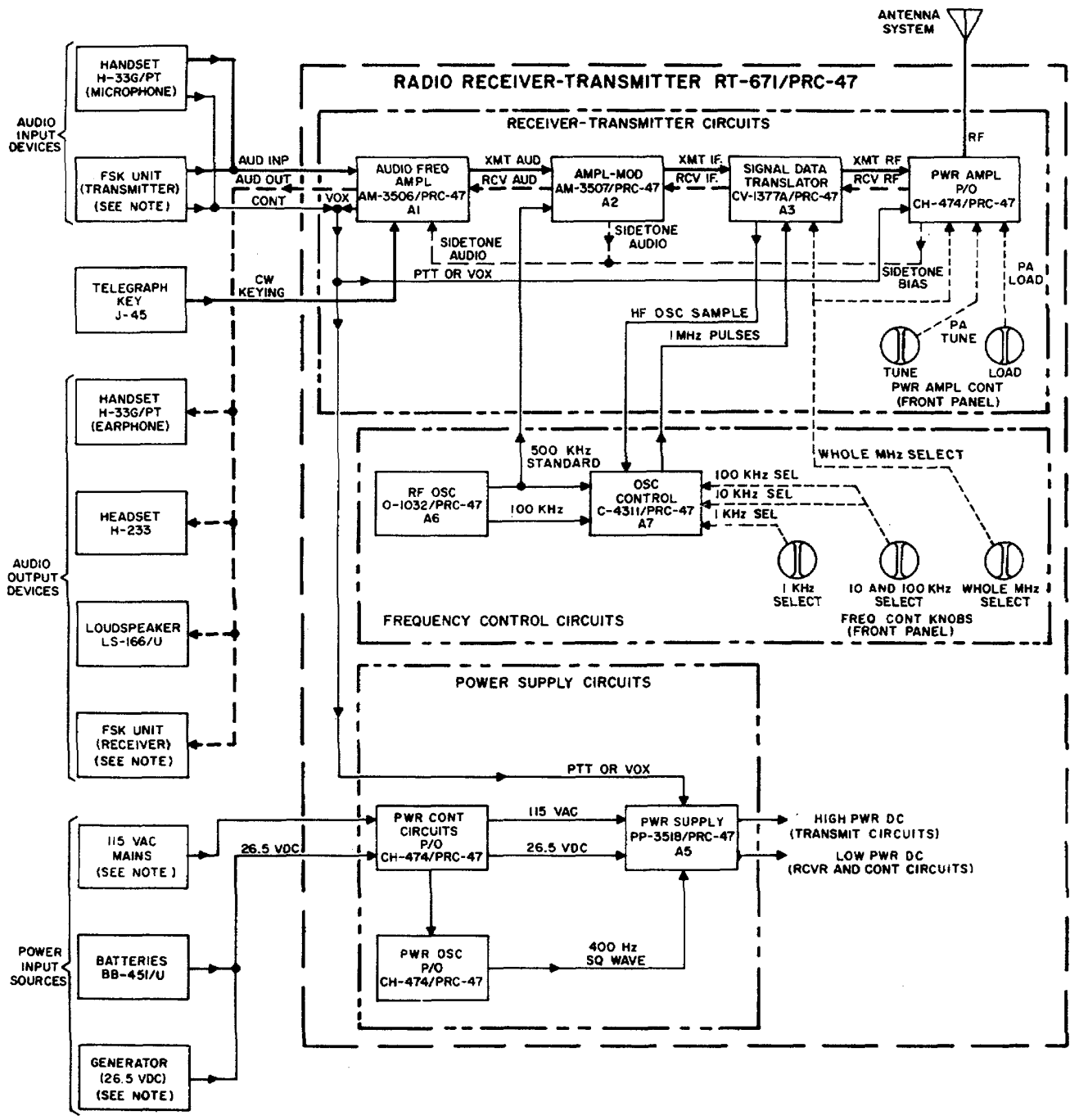
Except for RT-671/PRC-47, the other functional equipments are considered accessory items and these are each discussed in the several optional configurations as they effect the general theory. Since the radio set is a compact, modularized, portable transceiver, many of the circuits and devices used for transmitting are also used for receiving. These circuits are described as part of the applicable signal function and appear in the appropriate block diagram for that function.

b. The discussion relating to the theory of operation and the maintenance requirements for the AN/PRC-47 include reference designators that describe the module, the circuit stage, and the component part of the circuit being discussed in the equipment. These reference designators are assigned in accordance with MIL-STD-16B, and an understanding of this identification method will assist in locating individual components within the overall equipment. For example, reference designator A1C1 refers to capacitor number one in modular assembly A8A1. Radio Receiver-Transmitter RT-671/PRC-47 (A8) contains the following nomenclatured subassemblies and associated components.

| REF DES | OFFICIAL NOMENCLATURE |
|---------|--|
| A1 | Audio Frequency Amplifier AM-3506/PRC-47 |
| A2 | Amplifier-Modulator AM-3507/PRC-47 |
| A3 | Signal Data Translator CV-1377A/PRC-47 |
| A4 | Electrical Equipment Chassis CH-474/PRC-47 |
| A5 | Power Supply PP-3518/PRC-47 |
| A6 | Radio Frequency Oscillator O-1032/PRC-47 |
| A7 | Oscillator Control C-4311/PRC-47 |
| A8 | Panel Cover CW-647/PRC-47 |

2-3. Overall Block Diagram

a. Figure 2-1 is an overall block diagram for Radio Set AN/PRC-47 that shows the relationship between the several modules of Radio Receiver-Transmitter RT-671/PRC-47 and the external accessory items. The RT-671/PRC-47 contains the electronics that provide singlesideband voice, continuous wave (cw) telegraphy,



NOTE:
EQUIPMENT NOT PART OF AN/PRC-47.

TM5820-509-35-1

Figure 2-1. Radio set AN/PRC-47, Overall Block Diagram.

or frequency shift keying (fsk) teletypewriter communications when an appropriate input/output device is connected. The operating frequency is determined by the adjustment of front panel frequency controls that permit operation within the range from 2.0 to 11.999-MHz. During the transmit function, the audio signal is applied to the input of Audio Frequency

Amplifier AM-3506/PRC-47 (A1) by the microphone of Handset H-33G/PT or by the external fsk unit (for example, Converter Oscillator CV-786/TRC-75). Internal limiter stages and automatic load control circuits in the transmitter compensate for input level variations from these audio input devices. When cw

operation is desired, Telegraph Key J-45 is connected to the AUDIO connector of RT-671/PRC-47. This device keys an oscillator in the receiver-transmitter circuits that produces an audio tone. This modulating signal, or the voice input signal from the handset microphone or the fsk unit, is amplified in the AM-3506/PRC-47 (A1), and is mixed in the AM-3507/PRC-47 (A2) with a 500-kHz standard signal to produce a double-sideband, suppressed carrier signal. With the undesired sideband and the carrier signals greatly attenuated, the remaining singlesideband signal is heterodyned to the desired hf radio channel in the CV-1377A/PRC-47 (A3) by mixing it with the hf oscillator signal from the frequency control circuits. This rf signal is then amplified by the driver stage and the power amplifier and then applied to the antenna system. A portion of the transmitter audio is returned to the connected audio output device as a sidetone signal to permit monitoring during these transmit periods.

b. During receive periods the receiver transmitter circuits process the incoming signal using some of the identical circuits just mentioned in connection with the transmit function. This receive signal is heterodyned to an intermediate frequency near 500 kHz and then it is demodulated to recover the desired audio component. The audio signal is then applied to the connected audio output device. The receiver output is controlled by the VOLUME control on the front panel of RT-671/PRC-47. This control permits adjustment of the receiver output for a comfortable listening level with the earphone of Handset H-33G/PT, with Headset H-233, or with loudspeaker LS-166/U. It also permits adjustment of the input level to the external fsk unit, if connected.

c. The frequency control circuits provide two highly stable signals that are used in the receiver transmitter circuits to generate hf singlesideband transmit signals and to demodulate these signals to obtain audio output in the receive mode. The 500-kHz standard signal is fixed-tuned and applied to the balanced modulator circuit of the transmitter and to the product detector circuit of the receiver. The 2.5 to 12.499-MHz hf oscillator signal is tunable in 1-kHz steps to provide transmitter output in the hf range between 2.0-11.999-MHz.

d. The power supply circuits provide all operating voltages required by the AN/PRC-47.

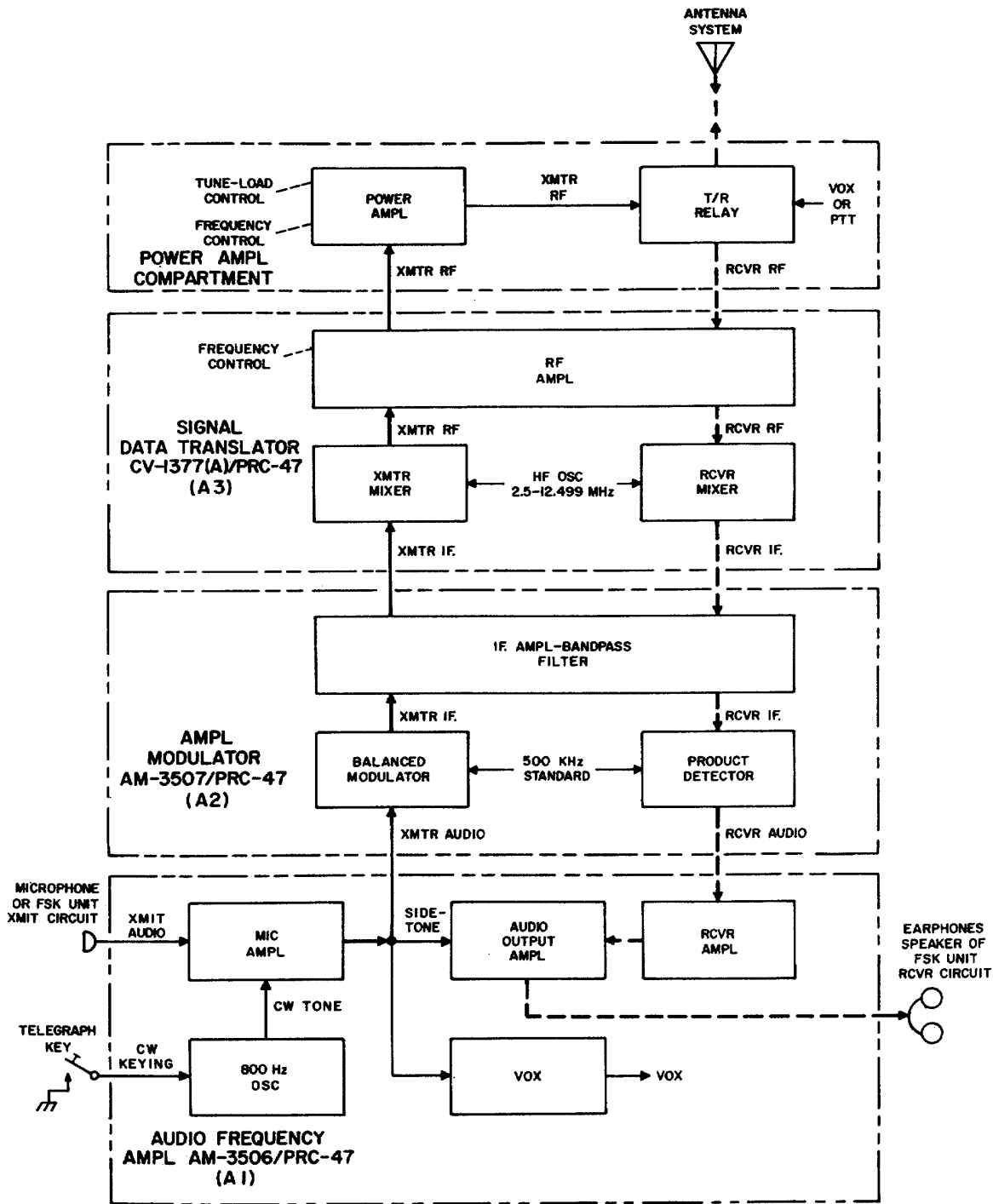
These potentials are derived from either a 26.5 volt dc or a 115-volt, 400-Hz ac primary power source. If the

26.5-volt dc source is desired, Storage Battery BB-451/U or a suitable dc generator set may be used. The power supply circuits of the RT-671/PRC-47 provide high-power dc voltages for the transmitter circuits, and low-power potentials for the receiver circuits and for control purposes.

2-4. General Description

a. The transmit signal path through the receiver-transmitter circuits of the radio set is shown by the solid lines of figure 2-2. The transmit audio signal is applied to the input of the microphone amplifier where it is amplified and compressed before application to other circuits in the AN/PRC-47. When continuous wave (cw) telegraphy is required, the telegraph key is connected to an 800-Hz audio oscillator. The output of this circuit is a single audio tone that is present when the telegraph key is closed. This signal is amplified by circuits in the microphone amplifier. The amplified voice audio (or tone) from the microphone amplifier circuit is routed to the vox circuit, the audio output amplifier, and to the balanced modulator. The vox (voice-operated-transmit) circuit generates a control voltage that switches the radio set from the receive mode to the transmit mode when audio signals are present in the microphone amplifier output. The audio output amplifier receives a sidetone signal when the transmit mode is enabled. This sidetone is amplified and routed to the earphone (or other audio output device) and permits monitoring the transmitted signal. The transmit audio is mixed in the balanced modulator with a 500-kHz standard signal from the frequency control circuits. The out-put of the balanced modulator is a double-sideband signal with the amplitude of the 500-kHz standard signal greatly reduced. This intermediate (if.) frequency signal is amplified and then applied to a bandpass filter where the upper sideband and the carrier are further attenuated but the lower sideband is permitted to pass on the remaining if. amplifier stages. The amplified lower-sideband signal is applied to the transmit mixer where it is combine with a 2.5 to 12.499-MHz hf oscillator signal from the frequency control circuits. The difference frequency (2.0to 11.999-MHz) present in the output of the transmit mixer is amplified by the rf amplifier and driver stages and by the power amplifier and is applied to the antenna system through the t/r relay.

b. The receive signal path through the receiver-transmitter circuits of the AN/PRC-47 is shown by the dashed lines in figure 2-2. The



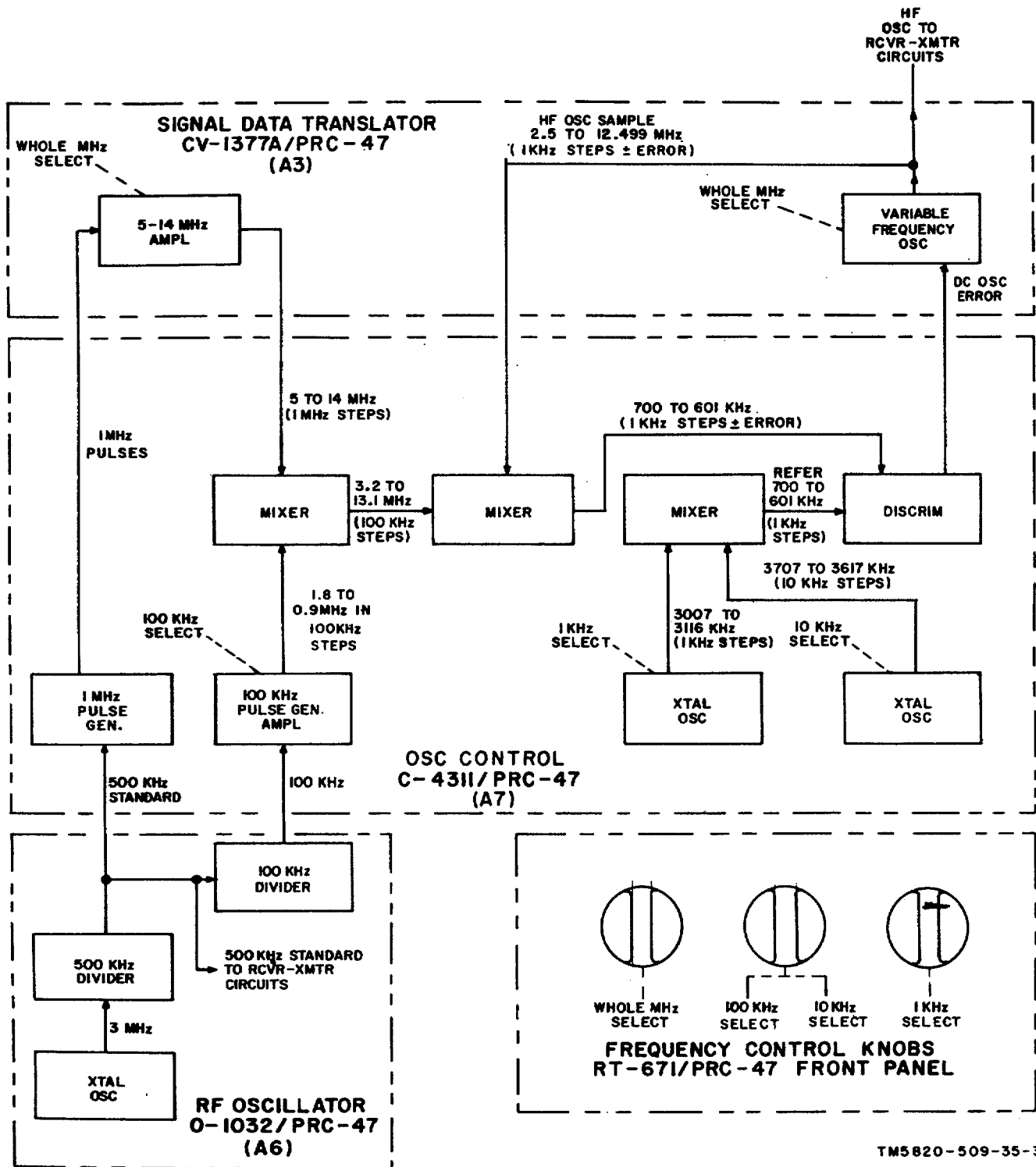
TM5820-509-35-2

Figure 2-2. Receiver-Transmitter Circuits, Block Diagram

receive rf from the antenna system passes through the t/r relay directly to the rf amplifier stages. Tuned circuits in these stages reject unwanted signals that may enter the antenna system, and select only the desired band of signals for amplification before routing them to the receiver mixer. In the receiver mixer, the rf signal is heterodyned with the 2.5 to 12.499-MHz hf oscillator signal to produce an intermediate frequency output near 500-kHz. The if. amplifier and bandpass filter circuits used for transmitting are also used in the receive mode. In these circuits the incoming signal is amplified while undesired adjacent-channel and image signals are attenuated before the if. signal is applied to the product detector. The output of the product detector is the demodulated single-sideband receive if. signal. This audio output is filtered and then amplified by the receiver amplifier and audio output amplifier circuits before being applied to the earphone or other connected audio output device.

c. The frequency control circuits of Radio Set AN/PRC-47 are shown in figure 2-3. The hf oscillator signal for both the transmit and receive functions is obtained from the variable frequency oscillator (vfo) of Signal Data Translator CV1377A/PRC-47 (A3). This

oscillator is coarse-tuned in ten 1-MHz stems by the whole megahertz control knob on the front panel of RT671/PRC-47. Fine tuning is accomplished by varying the vfo output inductor with the 10-kHz and the 100-kHz frequency control knobs, or by the application of a dc error voltage to the frequency determining circuits by the discriminator of Oscillator Control C-4311/PRC-47 (A7). This discriminator is part of a closed-loop frequency control system that compares the vfo output with crystal-controlled reference oscillator frequencies and then automatically adjusts the vfo output frequency to synchronize it with the crystal standard frequencies. The crystal oscillators are adjustable in four decades: whole megahertz step, 100-kHz steps, 10-kHz steps, and 1-kHz steps. The whole megahertz and 100kHz signals are derived from a common highly stabilized crystal-controlled source in Radio Frequency Oscillator 0-1032/PRC-47 (A6). This 3-MHz primary signal is first divided by six to obtain the 500-kHz standard signal used by the receiver-transmitter circuits and by the 1-MHz pulse generator in the CV-1377A/PRC-47 (A3). Then this 500-kHz output is further divided by five to obtain the 100-kHz signal used in the 100kHz pulse generator circuit of oscillator control



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Figure 2-3. Frequency Control circuits, Block Diagram

A7. The 1-MHz pulse generator of this module doubles the incoming 500-kHz standard signal and then converts the resulting signal into a 1-MHz pulse-train. These pulses are applied to the 5 to 14-MHz amplifier circuits of the CV1377A/PRC-47 (A3) where a ringer generates

a sine wave output at the 1-MHz frequency step that has been selected by the frequency control knobs on the front panel. The 100-kHz output of the divider in radio frequency oscillator (A6) is applied to the 100-kHz pulse

generator circuit of oscillator control (A7). This circuit generates a 100-kHz pulse-train and then converts it to a sine wave at any single 100-kHz frequency step between 1.8 and 0.9 MHz. The selected whole megahertz output of the 5 to 14-MHz amplifier in CV-1377A/PRC-47 (A3) is combined with the selected 100-kHz output of the 1.8 to 0.9-MHz circuits in a mixer whose output is the difference between these two input frequencies. The resulting reference signal has a range from 3.2 to 13.1 MHz in 100-kHz steps, and it is combined with the 2.5 to 12.499-MHz vfo signal in a second mixer circuit. The resulting 700 to 601-kHz signal represents the hf oscillator output with an accrued frequency error. Two crystal oscillators in C-4311/PRC-47 (A7) provide reference signals that are combined also in a mixer. These oscillators are adjusted by the gear-train associated with the 1-kHz and the 10-kHz frequency dials of the KILOCYCLES indicator on the front panel of RT-671/PRC-47. The output of this third mixer represents the desired channel selection in 1-kHz steps, and this frequency is combined in the discriminator circuit with the output of the second mixer to obtain an error voltage proportional to the vfo error signal. The output of the discriminator controls the vfo and returns it to the desired operating frequency.

d. The power supply circuits of the AN/PRC47 are shown in figure 2-4. These circuits obtain primary power from either the 115-volt, 400-Hz ac mains or from a 26.5 volt dc primary power source similar to Storage Battery BB-451/U. The appropriate circuit within the power supply is automatically selected when the power cable is attached to the front panel connector of the radio set. Operation of the POWER-LIGHTS switch on the front of RT-671/PRC-47 to the POWER ON position causes the appropriate power control relay to operate and connect the appropriate input circuit to the selected primary

power source. Interlocking is provided so that alternate source input circuits are disconnected. When the receive mode is selected, all necessary voltages for the radio set are provided by the low-voltage filter regulator circuit of Power Supply PP-3518/PRC47 (A5). This subassembly filters and regulates the 26.5-volt dc primary power when the dc mains are connected, but when the 115-volt, 400-Hz primary power source is attached, a portion of this voltage is rectified by the low-voltage circuits and then smoothed by the filter-regulator before application to the circuits in the modules of the equipment. When the transmit mode is enabled, high-voltage power supply circuits provide heater, bias, and plate power for the vacuum tubes and bias voltages for the transistorized circuits of the radio set. The high-voltage power supply circuits are enabled by operation of the push-to-talk (ptt) switch on the operator's handset, by placing the CW-FSK/VOICE switch on the front of RT-671/PRC-47 to CW-FSK, or by setting the OPR-TUNE switch on the front of RT-671/PRC-47 to TUNE. When the 115-volt ac primary power mains are connected, operation of the high-voltage transformer and rectifier-filter circuits is conventional. A multiple-secondary high-voltage transformer provides ac power to the several rectifier-filter circuits that distribute the required transmitter voltages. If the 26.5-volt dc primary power source is connected, however, a portion of this power is applied to a 400-Hz power oscillator on the main chassis of RT-671/PRC-47. This circuit performs the normal inverter function and generates a square-wave voltage whose output amplitude is approximately 26.5 volts at 400 Hz. The square-wave voltage from this power oscillator is applied to an appropriate primary winding on the high-voltage transformer and suitable output voltages are obtained from the connected rectifier-filter circuits.

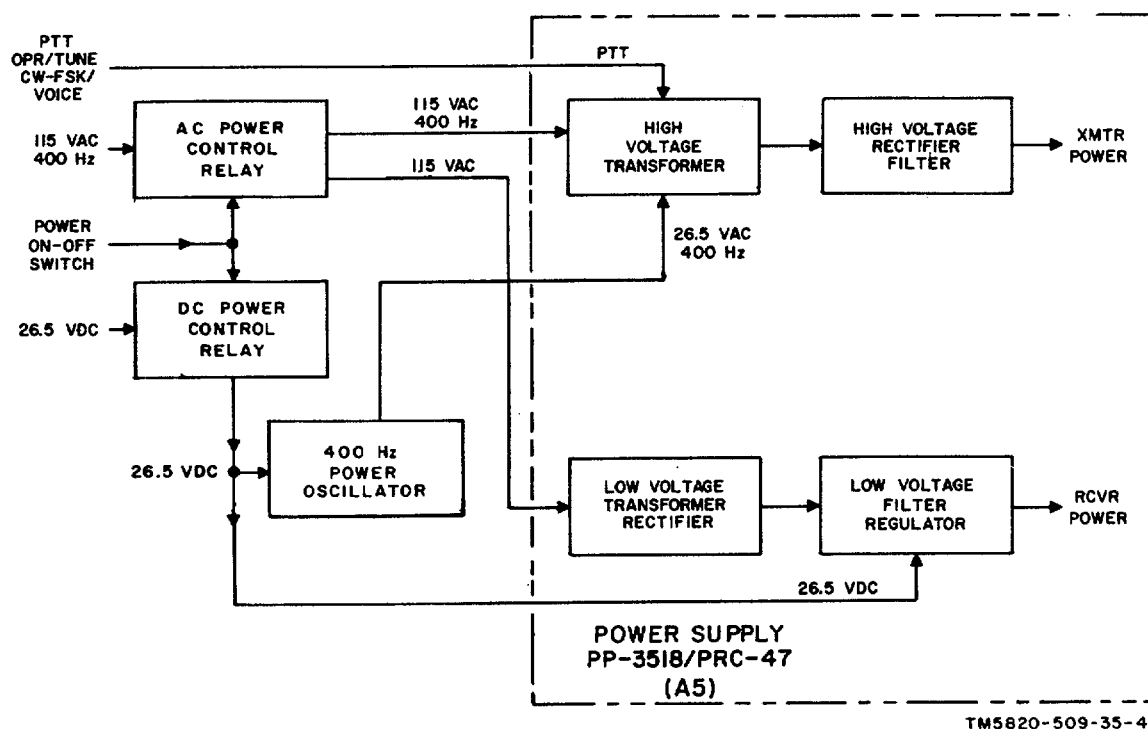


Figure 2-4. Power Supply Circuits, Block Diagram.

2-5. Receive Signal Path

(fig. 7-2)

a. In the receive mode, the 2.0 to 11.999-MHz rf signal from the antenna system is routed through the normally-closed contacts of t/r relay K101 in the power amplifier compartment to receiver antenna relay K5 on the Main chassis of the receiver-transmitter. Both of these relays are deenergized in the receive mode, but are energized by the voice-operated-transmit (vox) circuits during transmitter operation. The receive rf signals from the normally closed contacts of receiver antenna relay K5 pass through the tuned circuits of signal data translator A3 and are amplified by rf amplifiers V1 and V2. These stages are also used to amplify transmit rf signals when the transmit mode is selected, and are tuned to the operating frequency selected by the frequency control knobs on the front panel of RT671/PRC-47. The additional selectivity provided by these tuned circuits restricts the signals applied to the rf amplifier input to those that are on, or very near, the selected operating channel.

b. Relay A3K1 is deenergized during receiver operation and its contacts route the amplified rf signal from the second rf amplifier (V2) to follower Q10. (During transmit periods, A3K1 is energized and capacitor C187 is connected to the output of V2.) The hf oscillator signal from the frequency control circuits is isolated by follower 24 Q12 and is then mixed in

receiver mixer Q11 with the output of Q10. The difference between these two signals, approximately 500 kHz, is applied to follower Q9 and routed to the if. amplifier circuits of amplifier-modulator A2. After amplification by A2Q2, the if. signal is routed through bandpass filter FL1 where the if. carrier signal and the undesired sideband are greatly attenuated. Following additional amplification by if. amplifiers Q3 through Q5, this signal is demodulated by the product detector circuit.

c. The audio component of the if. signal is extracted by mixing the if. signal with a carrier injection signal (500-kHz standard) at the intermediate frequency. The output of the product detector is then passed through a low-pass filter to remove undesired frequencies caused by mixing and then amplified by driver stage Q10 and audio output amplifier Q11WQ12X in audio frequency amplifier A1. This amplified audio signal is applied to the corrected audio output device through front panel VOLUME control R11-R12. Once the average audio output level has been established by the setting of the VOLUME control, automatic gain control (agc) circuits in audio frequency amplifier A1 maintain the output level relatively constant despite fading signal conditions. The +agc voltage from agc amplifier Q9 is applied to if. amplifiers Q2 and Q3 while the -agc output of detector CR12-CR13 is applied to

the grid circuits of rf amplifiers V1 and V2 in signal data translator A3.

2-6. Transmit Signal Path (fig. 7-3)

a. In the transmit mode, the audio signal is obtained from the microphone of Handset H 33G/PT or from the transmit output circuits of an external fsk unit. This signal is connected to the transmit audio input of audio frequency amplifier A1 where it is amplified by microphone amplifier Q1 and Q3, clipped by limiters CR5-CR6, further amplified by output amplifier Q4, and applied to the audio input of the balanced modulator of amplifier-modulator A2. Part of the amplified audio output from Q4 is also applied to sidetone gate CR10. This gate is enabled during transmit periods by the bias from sidetone rectifier CR101 in the power amplifier compartment so that the sidetone audio from Q4 is routed through driver Q10, audio output amplifier Q1 1W-Q12X and VOLUME control R11-R12 to the connected audio output device. The sidetone audio is then available for monitoring purposes.

b. Another part of the output signal from Q4 is applied to vox detector CR7-CR8. When this signal level exceeds a minimum threshold value, vox relay K 1 transfers circuit functions in the RT-671/PRC-47 from the receive mode to the transmit mode. If the audio signal drops below this threshold level, or disappears completely for a predetermined period of time, these circuits will automatically return to the receive configuration. (Where the vox mode is not implemented, vox relay K1 cannot cause operation of the ptt relay (A5K1) in power supply module A5. This relay operates when the ptt switch on the operator's handset is pressed and energizes the high-voltage power supply circuits.) If continuous wave (cw) telegraphy is desired, the circuit functions described above apply except that Telegraph Key J-45 turns on, and shuts off, the audio tone generated by oscillator Q5. This tone replaces the voice audio at the input of microphone amplifier Q3, and is amplified by the remaining circuits of audio frequency amplifier A 1. In the cw mode, the CW-FSK/VOICE switch on the front panel of RT-671 /PRC-47 is placed in the CW-FSK position so that vox relay A1K1 and ptt relay A5K1 are both energized. The CW-FSK/VOICE switch must be returned to the VOICE position when it is desired to receive incoming telegraph or teletypewriter signals (i.e., break-in operation is not possible).

c. That part of the audio signal from Q4 that is applied to the balanced modulator of amplifier-modulator A2 is mixed with the 500-kHz stan-

dard signal from the frequency control circuits. The resulting output from the balanced modulator is a double-sideband, suppressed-carrier signal that is amplified by alc amplifier Q1 and if amplifier Q2 before being applied to bandpass filter FL1. Only the lower sideband remains after this signal is applied to FL1 and this single sideband is further amplified by Q3 through Q5 before being applied to signal data translator A3. If amplifiers Q3 through A5 and bandpass filter FL1 are shared with the receiver circuits of the receiver-transmitter, but during the transmit period the agc bias otherwise applied to Q2 and Q3 is removed so that the if. gain of this circuit will not vary as a function of modulation.

d. Transmit relay A2K1 in amplifier-modulator A2) is energized for transmit operation by closure of vox relay A1K1. The output of if. amplifier Q5 is routed through the closed contacts of A2K1 to the transmit mixer (CR3-CR8) in signal data translator A3. The 2.5- to 12.499-MHz hf oscillator signal from the frequency control circuits is applied to the transmit mixer through follower Q13. The difference-frequency obtained by heterodyning this signal with the 500-kHz if. output of Q5 is a 2.0 to 11.999-MHz single-sideband rf signal that is buffered by follower Q14 before being applied to amplifier Q15 and subsequently to rf amplifiers V1 and V2. The amplified hf output of V2 is further amplified by driver V3 and power amplifier V101. The output circuit of the power amplifier is connected to the antenna system when t/r relay K101 is closed. This stage is tuned to the operating frequency shown on the KILOCYCLES indicator and is loaded to the antenna system by the adjustment of POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls on the front of RT-671/PRC-47. Optimum adjustment of these controls is indicated by maximum deflection (maximum power output) of XMTR OUTPUT meter M 101 on the front of the receiver-transmitter.

2-7. Frequency Control Circuits (fig. 7-4)

a. The temperature-compensated crystal-oscillator of radio frequency oscillator A6 is an extremely stable standard that provides a 3-MHz output signal for the frequency divider (locked oscillator) circuits of this module. The crystal is contained in a temperature-controlled oven to minimize frequency drift caused by changes in ambient temperature, and the circuit is equipped with an adjustment that permits compensation for long-term crystal aging effects. Transistor Q1 is the oscillator, and transistors Q2 and Q3

provide isolation that enhances overall frequency stability. Locked oscillator Q4 divides the output of the 3-MHz oscillator by six times to provide the 500-kHz standard signal. Part of this output is routed through follower Q7 to locked oscillator Q8 where it is further divided by five to obtain the 100-kHz output signal. This latter signal is amplified by 100-kHz amplifier Q9 before being applied to the 100-kHz pulse generator circuits of oscillator control A7. The remaining portion of the output from locked oscillator Q4 is amplified by 500-kHz amplifiers Q5 and Q6 before being routed to the receiver-transmitter circuits as the 500-kHz standard signal. Part of the output of Q5 is converted to 1-MHz by frequency doubler Q4 in oscillator control A7. This sinusoidal signal is applied to pulse generator Q5-Q6 where it is converted to a 1-MHz pulse-train that is subsequently amplified by Q7 before application to pulse amplifier A19 in signal data translator A3. The output circuit of Q19 is a parallel-resonant tuned circuit that is selectable in 1-MHz increments between 5- and 14-MHz as shown below. Depending upon the selection made by the frequency control knobs on the front panel of RT-671/PRC-47, one whose megahertz channel in this range is made available to the subsequent circuits. A constant amplitude signal is assured by passing this selected frequency through limiters Q16 and Q17 before application to follower Q18.

| KILOCYCLES indicator reading | Pulse amplifier Q19 output frequency (MHz.) |
|------------------------------|---|
| XX000 to XX099 | 1.8 |
| XX100 to XX199 | 1.7 |
| XX200 to XX299 | 1.6 |
| XX300 to XX399 | 1.5 |
| XX400 to XX499 | 1.4 |
| XX500 to XX599 | 1.3 |
| XX600 to XX699 | 1.2 |
| XX700 to XX799 | 1.1 |
| XX800 to XX899 | 1.0 |
| XX900 to XX999 | 0.9 |

limiters Q17, Q18, and Q19. The spurious frequencies introduced in the output by this limiting are removed by a filter and the remaining signal is routed to follower Q24. The 1.8- to 0.9 MHz output of Q24 is heterodyned with the 5- to 14-MHz output from follower Q18 in signal data translator A6 in diode quad mixer CR10. The difference-frequency that results from this mixing is a single 100-kHz frequency between 3.2 and 13.1 MHz as shown in the following table. This signal frequency is routed through follower Q25 to diode quad mixer CR11 where it is mixed with the hf oscillator output signal that was generated by

| KILOCYCLES indicator reading | Pulse amplifier Q 19 output frequency (MHz.) |
|------------------------------|--|
| 2000 to 2999 | 5.0 |
| 3000 to 3999 | 6.0 |
| 4000 to 4999 | 7.0 |
| 5000 to 5999 | 8.0 |
| 6000 to 6999 | 9.0 |
| 7000 to 7999 | 10.0 |
| 8000 to 8999 | 11.0 |
| 9000 to 9999 | 12.0 |
| 10000 to 10999 | 13.0 |
| 11000 to 11999 | 14.0 |

b. The 100-kHz output of Q9 in radio frequency oscillator A6 is applied to pulse generator Q1-Q2 in oscillator control A7. This pulse generator converts the sinusoidal input into a 100-kHz pulse-train. The output circuit of pulse amplifier Q3 is a parallel-resonant tuned circuit that is selectable in 100-kHz increments between 1.8 and 0.9 MHz as shown in the following table. Depending upon the selection made by the frequency controls on the front panel of RT-671/PRG-47, one single 100-kHz frequency is made available to the subsequent circuits. A constant amplitude signal is assured by passing this selected frequency through

| KILOCYCLES indicator reading | Mixer CR output (MHz.) | KILOCYCLES indicator reading | Mixer CR10 output (MHz.) |
|------------------------------|------------------------|------------------------------|--------------------------|
| 2000 to 2099 | 3.2 | 5500 to 5599 | 6.7 |
| 2100 to 2199 | 3.3 | 5600 to 5699 | 6.8 |
| 2200 to 2299 | 3.4 | 5700 to 5799 | 6.9 |
| 2300 to 2399 | 3.5 | 5800 to 5899 | 7.0 |
| 2400 to 2499 | 3.6 | 5900 to 5999 | 7.1 |
| 2500 to 2599 | 3.7 | 6000 to 6099 | 7.2 |
| 2600 to 2699 | 3.8 | 6100 to 6199 | 7.3 |
| 2700 to 2799 | 3.9 | 6200 to 6299 | 7.4 |
| 2800 to 2899 | 4.0 | 6300 to 6399 | 7.5 |
| 2900 to 2999 | 4.1 | 6400 to 6499 | 7.6 |
| 3000 to 3099 | 4.2 | 6500 to 6599 | 7.7 |
| 3100 to 3199 | 4.3 | 6600 to 6699 | 7.8 |
| 3200 to 3299 | 4.4 | 6700 to 6799 | 7.9 |
| 3300 to 3399 | 4.5 | 6800 to 6899 | 8.0 |
| 3400 to 3499 | 4.6 | 6900 to 6999 | 8.1 |
| 3500 to 3599 | 4.7 | 7000 to 7099 | 8.2 |
| 3600 to 3699 | 4.8 | 7100 to 7199 | 8.3 |
| 3700 to 3799 | 4.9 | 7200 to 7299 | 8.4 |
| 3800 to 3899 | 5.0 | 7300 to 7399 | 8.5 |
| 3900 to 3999 | 5.1 | 7400 to 7499 | 8.6 |
| 4000 to 4099 | 5.2 | 7500 to 7599 | 8.7 |
| 4100 to 4199 | 5.3 | 7600 to 7699 | 8.8 |
| 4200 to 4299 | 5.4 | 7700 to 7799 | 8.9 |
| 4300 to 4399 | 5.5 | 7800 to 7899 | 9.0 |
| 4400 to 4499 | 5.6 | 7900 to 7999 | 9.1 |
| 4500 to 4599 | 5.7 | 8000 to 8099 | 9.2 |
| 4600 to 4699 | 5.8 | 8100 to 8199 | 9.3 |
| 4700 to 4799 | 5.9 | 8200 to 8299 | 9.4 |
| 4800 to 4899 | 6.0 | 8300 to 8399 | 9.5 |
| 4900 to 4999 | 6.1 | 8400 to 8499 | 9.6 |
| 5000 to 5099 | 6.2 | 8500 to 8599 | 9.7 |
| 5100 to 5199 | 6.3 | 8600 to 8699 | 9.8 |
| 5200 to 5299 | 6.4 | 8700 to 8799 | 9.9 |
| 5300 to 5399 | 6.5 | 8800 to 8899 | 10.0 |
| 5400 to 5499 | 6.6 | 8900 to 8999 | 10.1 |

| KILOCYCLES indicator reading | Mixer CR10 output (MHz.) | KILOCYCLES indicator reading | Mixer CR10 output (MHz.) | KILOCYCLES indicator reading | Mixer CR1 output (MHz.) | KILOCYCLE S indicator reading | Mixer CR1 ₁ output (MHz.) |
|------------------------------|--------------------------|------------------------------|--------------------------|------------------------------|-------------------------|-------------------------------|--------------------------------------|
| 9000 to 9099 | 10.2 | 10500 to 10599 | 11.7 | XXX66 | 634 | XXX83 | 617 |
| 9100 to 9199 | 10.3 | 10600 to 10699 | 11.8 | XXX67 | 633 | XXX84 | 616 |
| 9200 to 9299 | 10.4 | 10700 to 10799 | 11.9 | XXX68 | 632 | XXX85 | 615 |
| 9300 to 9399 | 10.5 | 10800 to 10899 | 12.0 | XXX69 | 631 | XXX86 | 614 |
| 9400 to 9499 | 10.6 | 10900 to 10999 | 12.1 | XXX70 | 630 | XXX87 | 613 |
| 9600 to 9599 | 10.7 | 11000 to 11099 | 12.2 | XXX71 | 629 | XXX88 | 612 |
| 9600 to 9699 | 10.8 | 11100 to 11199 | 12.3 | XXX72 | 628 | XXX89 | 611 |
| 9700 to 9799 | 10.9 | 11200 to 11299 | 12.4 | XXX73 | 627 | XXX90 | 610 |
| 9800 to 9899 | 11.0 | 11300 to 11399 | 12.6 | XXX74 | 626 | XXX91 | 609 |
| 9900 to 9999 | 11.1 | 11400 to 11499 | 12.6 | XXX75 | 625 | XXX92 | 608 |
| 10000 to 10099 | 11.2 | 11500 to 11-13 | 12.7 | XXX76 | 624 | XXX93 | 607 |
| 10100 to 10199 | 11.3 | 11600 to 11699 | 12.8 | XXX77 | 623 | XXX94 | 606 |
| 10200 to 10299 | 11.4 | 11700 to 11799 | 12.9 | XXX78 | 622 | XXX95 | 605 |
| 10300 to 10399 | 11.5 | 11800 to 11899 | 13.0 | XXX79 | 621 | XXX96 | 604 |
| 10400 to 10499 | 11.6 | 11900 to 11999 | 13.1 | XXX80 | 620 | XXX97 | 603 |
| | | | | XXX81 | 619 | XXX98 | 602 |
| | | | | XXX82 | 618 | XXX99 | 601 |

circuits of signal data translator A3. The difference-frequency resulting from this second mixing is a single 1-kHz frequency between 700 and 601 kHz, as indicated in the table below, that also contains the error increment of the hf oscillator signal. This output is amplified by Q26, filtered, and then further amplified by Q27. The resulting sinusoidal signal is passed through clipper CR9-CR15 to form a square-wave output signal.

c. The output frequency of oscillator Q20 is dependent upon the 1-kHz frequency control selection that chooses an appropriate crystal from Y1 through Y10. These crystals are adjusted so that the oscillator output frequencies between 3.007 and 3.016 MHz are obtained as shown in the following table. Similarly, the output frequency of oscillator Q21 is dependent upon the 10-kHz

| KILOCYCLES indicator reading | Mixer CR1 ₁ output (MHz.) | KILOCYCLES indicator reading | Mixer CR1 ₁ output (MHz.) |
|------------------------------|--------------------------------------|------------------------------|--------------------------------------|
| XXX00 | 700 | XXX33 | 667 |
| XXX01 | 699 | XXX34 | 666 |
| XXX02 | 698 | XXX35 | 665 |
| XXX03 | 697 | XXX36 | 664 |
| XXX04 | 696 | XXX37 | 663 |
| XXX05 | 695 | XXX38 | 662 |
| XXX06 | 694 | XXX39 | 661 |
| XXX07 | 693 | XXX40 | 660 |
| XXX08 | 692 | XXX41 | 659 |
| XXX09 | 691 | XXX42 | 658 |
| XXX10 | 690 | XXX43 | 657 |
| XXX11 | 689 | XXX44 | 656 |
| XXX12 | 688 | XXX45 | 655 |
| XXX13 | 687 | XXX46 | 654 |
| XXX14 | 686 | XXX47 | 653 |
| XXX15 | 685 | XXX48 | 652 |
| XXX16 | 684 | XXX49 | 651 |
| XXX17 | 683 | XXX50 | 650 |
| XXX18 | 682 | XXX51 | 649 |
| XXX19 | 681 | XXX52 | 648 |
| XXX20 | 680 | XXX53 | 647 |
| XXX21 | 679 | XXX54 | 646 |
| XXX22 | 678 | XXX55 | 645 |
| XXX23 | 677 | XXX56 | 644 |
| XXX24 | 676 | XXX57 | 643 |
| XXX25 | 675 | XXX58 | 642 |
| XXX26 | 674 | XXX59 | 641 |
| XXX27 | 673 | XXX60 | 640 |
| XXX28 | 672 | XXX61 | 639 |
| XXX29 | 671 | XXX62 | 638 |
| XXX30 | 670 | XXX63 | 637 |
| XXX31 | 669 | XXX64 | 636 |
| XXX32 | 668 | XXX65 | 635 |

| KILOCYCLES indicator reading | Oscillator Q20 output frequency (MHz.) | KILOCYCLES indicator reading | Oscillator Q20 (MHz.) |
|------------------------------|--|------------------------------|-----------------------|
| XXX00 | 3.007 | XXX05 | 3.012 |
| XXX01 | 3.008 | XXX06 | 3.013 |
| XXX02 | 3.009 | XXX07 | 3.014 |
| XXX03 | 3.010 | XXX08 | 3.015 |
| XXX04 | 3.011 | XXX09 | 3.016 |

frequency control selection that chooses an appropriate crystal from Y11 through Y20. These crystals are adjusted so that the oscillator output frequencies lie between 3.707 and 3.617 MHz as shown in the following table. The output of oscillators Q20 and A21 are mixed in Q22 to obtain a single difference-frequency between 700 and 601 kHz. This reference frequency is routed

| kilocycles indicator reading | Oscillator Q21 output frequency (MHz.) | KILOCYCLES indicator reading | Oscillator Q21 output frequency (MHz.) |
|------------------------------|--|------------------------------|--|
| XXX00 to XXX09 | 3.707 | XXX50 to XXX59 | 3.657 |
| XXX10 to XXX19 | 3.697 | XXX60 to XXX69 | 3.647 |
| XXX20 to XXX29 | 3.687 | XXX70 to XXX79 | 3.637 |
| XXX30 to XXX39 | 3.677 | XXX80 to XXX89 | 3.627 |
| XXX40 to XXX49 | 3.667 | XXX90 to XXX99 | 3.617 |

through a low-pass filter to remove spurious frequencies that may have been generated through mixing, and then it is applied to clippers CR7 CR8. The resulting squarewave is coupled to the adder/phase-shift circuit of the discriminator by follower Q23. A phase-shift circuit is inserted in the signal path from Q23 to discriminator

amplifier Q8 and the reference frequency is summed with the output of clippers CR9-CR15 in the adder. The unshifted output of Q23 is also summed with the output of CR9-CR15 in the adder circuit associated with discriminator amplifier Q11. Transistor pairs Q8-Q11, Q9-Q12, and Q10-Q13 are each carefully selected to provide identical gain in each discriminator channel. When the hf oscillator signal from signal data translator A3 differs only slightly from the reference oscillator signal (by 5 kHz, or less), the envelope of the summed signals in these two discriminator channels will remain out of phase by an amount dependent upon the frequency error between the two signals. The leading edge of the summed signal envelope triggers frequency discriminators Q10 and Q13 so that they operate like a bistable multivibrator at a rate equal to the phase-difference between the two envelopes. The error voltage at the output of these two transistors may be either positive or negative, depending upon whether the hf oscillator signal is higher or lower than the frequency of the reference oscillator signal. The amount of frequency-difference between the two signals determines the amplitude of this dc error voltage. The dc error voltages are applied to voltage-controlled capacitors in the frequency-determining circuits of the hf oscillator in signal data translator A3. As the frequency of the hf oscillator is corrected, the error frequency at the input to the discriminator is reduced and the resulting dc error voltage at the output of this circuit again approaches zero. Coarse frequency control of the hf oscillator is obtained by the adjustment of the frequency control knobs on the front panel of RT-671/PRC-47. The 2.5- to 12.499-MHz hf oscillator signal is isolated and amplified by buffer amplifier Q21 before being routed to follower Q2 and the subsequent circuits. Amplifiers Q6-Q7 and associated follower Q8 provide hf oscillator signals to the receiver-transmitter circuits; while amplifiers Q3-Q4 and associated follower Q5 provide the injection signal for diode quad mixer CR11 in oscillator control A7.

d. In some instances, transients may cause the discriminator circuits of oscillator control A7 to lose capture of the hf oscillator in signal data translator A3. The automatic capture circuit consists of detector CR12-CR13, transistor switch Q28, and relay driver Q29 in association with antilock relay K6 on the main chassis of RT671/PRC-47. As the loss of capture occurs, the voltage drop across emitter resistor R142 decreases; the base of transistor switch Q28 becomes less positive, and Q28 conducts less

than previously. The reduced conduction of Q28 causes the base of relay driver Q29 to become more positive and it conducts. As Q29 conducts, relay K6 is operated and a small dc voltage is applied to the dc error A and dc error B inputs to the varicap control circuit of signal data translator A3. Since this small voltage is used to calibrate the hf oscillator initially, the frequency of this circuit returns to a value within the capture range of the discriminator circuits. After capture is assured, antilock relay K6 is deenergized (as the voltage again appears at the base of transistor switch Q28). The dc error voltages at the output of the discriminator regain control of the hf oscillator frequency-determining circuits and adjust the output frequency accordingly.

2-8. Power Supply Circuits (fig. 7-5 and 7-6)

a. When the 115-volt, 400-Hz ac primary source is used to power the radio set, the cable is attached to the POWER receptacle on the front panel of RT-671/PRC-47 and this voltage is routed to the radio set by fuse F2. A portion of this input voltage is applied to low-voltage transformer T2 in power supply module A5 where the low-voltage circuit steps down this potential, rectifies it, and filters it in conventional bridge-rectifier, capacitor-input LC filter circuits. The resulting 24-volt dc output is routed to audio frequency amplifier A1 and passes through the normally-closed contacts of B + relay K3 to the signal data translator. A conventional series-type electronic voltage regulator, consisting of transistors Q1 through Q3 and their associated circuits, is used to provide a regulated 20 volts dc output. This potential is applied to the continuously energized circuits of the receiver-transmitter, and to the voice-operated circuits of amplifier-modulator A2 and signal data translator A3. An output from low-voltage rectifier CR26 through CR29 provides 26.5 volts dc [unregulated and unfiltered] for circuits in audio frequency amplifier A1, signal data translator A3, and the panel lamps on the front of RT671/PRC-47. A branch of this same circuit arms the push-to-talk relay (A5K1) in the power supply module.

b. A portion of the incoming 115-volt primary power is applied to step-down transformer T2, is rectified by bridge-rectifier CR3 through CR6, and applied to ac power control relay K2. The contacts of this relay route the primary power to high-voltage transformer T1 in power supply A5 whenever POWER-LIGHTS switch S1 on the

front of RT-671/PRC-47 (or a remote control on-off switch) is placed to ON. Push-to-talk relay A5K 1 in the power supply module is operated by any one of the following conditions provided that overtemperature cutout K103 in the power amplifier compartment has not opened: by CW-FSK/VOICE switch S2 (when placed to the CW-FSK position by OPR-TUNE switch S102 (when placed to the TUNE position); and by the handset ptt switch (when it is pressed). Thermal override switch S3B is physically part of BATTERY TEST switch S3A, and it must be held fully depressed to permit operation of the radio set after overtemperature cutout K103 has operated.

c. In the transmit mode, ac power control relay K2 and B + relay K3 in the main chassis of the radio set, and push-to-talk relay A5K1 are all operated. The 115-volt ac primary power is routed through the contacts of K2 and A5K1 to the 115-volt primary winding of high-voltage transformer T1. This primary winding is tapped for operation with the power oscillator described in paragraph 2-8 e. High-voltage transformer T1 contains several secondary windings that provide a variety of ac and dc outputs during transmitter operation. A 6.3-volt ac winding provides heater power for the power amplifier stage and for the rf amplifiers and the driver in signal data translator A3. An additional secondary winding is provided for each of the four rectifier-filter circuits that supply dc potentials to other parts of the transmitter. Rectifier CR1 through CR4 and its associated filter and bias adjusting network provide 110 volts dc and 32 volts dc for the grid circuits of the power amplifier (V101) and the driver (A3V3) respectively. Each of these outputs is individually adjustable to provide optimum operation of the vacuum tube with which it is associated. Rectifier CR6 through CR17 is a fullwave bridge-type circuit employing three diodes in each leg. The output of this rectifier is filtered by capacitor C6 and resistors R6 and R7 to provide 1500 volts dc for the plate circuit of power amplifier V101. Rectifier CR18 through CR21 provides an output that is filtered by capacitors C19 and resistors R9 and R10 and it operates the screen circuit of the power amplifier tube. The rectified output of CR22 through CR25 is routed to the filter circuit consisting of capacitor C20 and resistors R11 and R12. The output of this circuit is applied to the driver stage (V3) of signal data translator A3 and a portion of it is dropped through resistor R8 before being

applied as a 150-volt dc plate and screen voltage to rf amplifiers V1 and V2 of signal data translator A3.

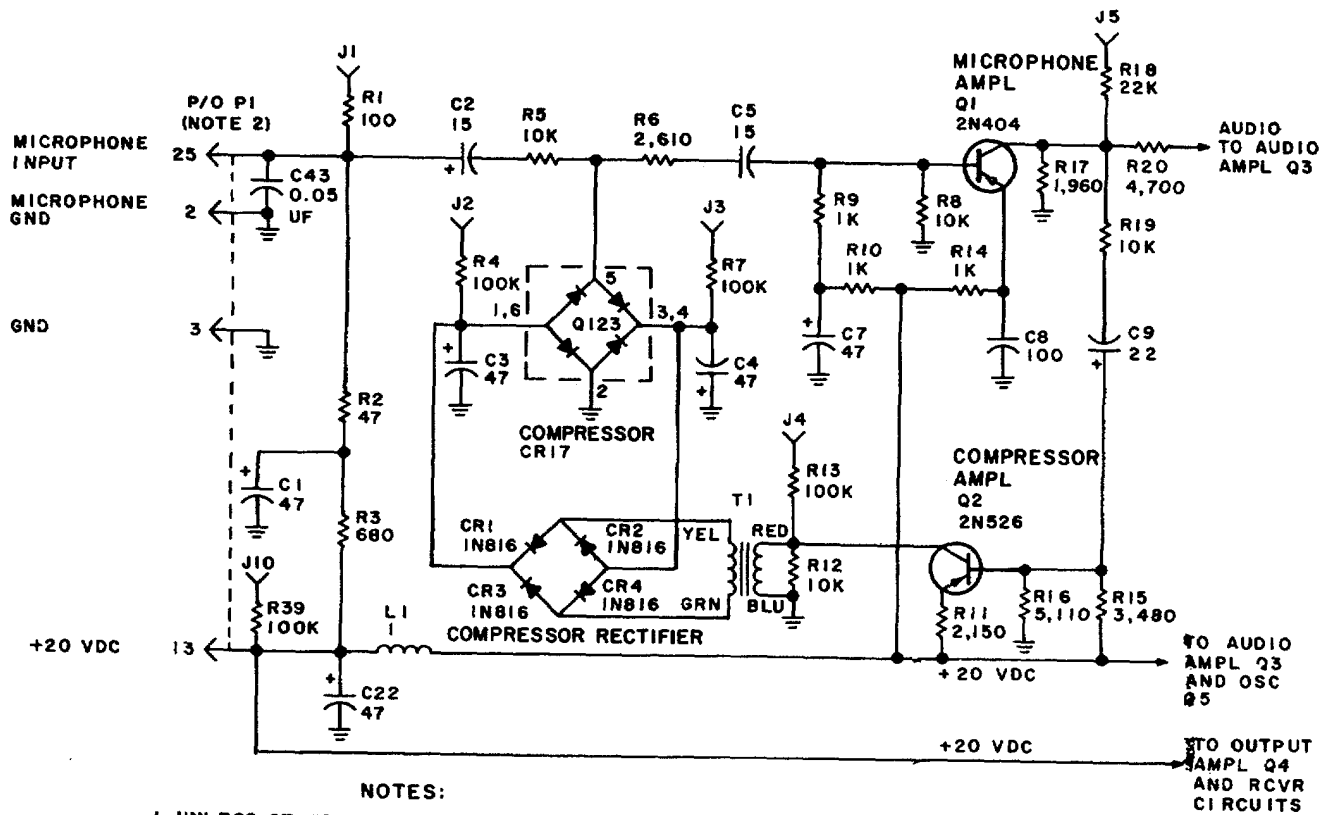
d. When a 26.5-volt dc primary source is used for operation of the radio set, this source is connected to the POWER receptacle on the front of RT-671 /PRC-47 instead of the 115-volt ac power cable. The 26.5-volt incoming power is routed through fuse F1 and the contacts of dc power control relay K 1 to the power supply circuits of the radio set. With no ac power connected, dc power control relay K1 is operated when the POWER-LIGHTS switch (S1) on the front panel of RT-671/PRC-47 (or a remote control on-off switch) is placed to ON. As this relay operates, the contacts in the 115-volt ac circuit are opened, and the contacts associated with the 26.5-volt circuit are closed so that power is applied to: the 26.5-volt dc circuits of audio frequency amplifier A1, signal data translator A3, and the panel lamp circuits on the front of RT-671/PRC47; the filter consisting of inductor L1 and capacitors C25 and C26 to the normally-closed contacts of B + relay K3 to the 24-volt dc circuits of audio frequency amplifier A1; through the normally-closed contacts of B + relay K3 to the 24-volt dc circuits of signal data translator A3; and to voltage regulator Q1 through Q3. The push-to-talk relay in the power supply is armed so that it may be operated by selection of the transmit mode, and regulated dc is routed from the output of the voltage regulator to the 20-volt circuits of the radio set and through the contacts of B + relay K3 to the circuits of amplifier-modulator A2 and signal data translator A3 that are voice-operated.

e. Push-to-talk relay K1 in power supply A5 is operated by selection of the transmit mode. (Refer to paragraph 2-8 b for a detailed discussion of operation of relay K1.) In addition to a contact-pair in the 115-volt ac circuit to high-voltage transformer T1, another contact-pair is associated with the center-tap of this primary winding. As these contacts close, dc power is applied to 400-Hz power oscillator Q1-Q2, and a 26.5-volt, 400-Hz squarewave ac is generated and applied to part of the transformer primary winding. With this square wave voltage applied, operation of the transformer, rectifier, and filter circuits is identical to the description shown in paragraph 2-8 c except that a contact-pair on ac power control relay K1 selects a tap on the 6.3volt ac filament winding of T1 for proper output to the connected vacuum tube filament circuits.

2-9. Audio Frequency Amplifier AM -3506/PRC-47 (A8A1) (fig. 2-5 through 2-7)

a. The audio from the microphone is applied to microphone amplifier Q1 and to the shunt compressor circuit (CR17). After amplification, part of the output signal from Q1 is routed to audio amplifier Q3 and the remainder is amplified in compressor amplifier Q2. The amplified output of Q2 is then coupled by transformer T1 to compressor rectifier CR1 through CR4, filtered by capacitors C3 and C4, and applied as an ungrounded forward bias voltage across compressor CR17. This bridge rectifier assembly is connected so that two variable-resistance paths are available to the incoming audio signal. The amount of forward bias applied by compressor rectifier CR1 through CR4 determines the path

resistance through the diode legs of CR17 so that audio peaks from the microphone input are limited and the amplified output from Q1 remains essentially constant for wide variations in microphone input level. When the incoming audio is a low-level signal, the forward bias applied to compressor CR17 is small and the individual diodes are operated in their high forward-resistance region. As the audio signal increases, the bias voltage from compressor rectifier CR1 through CR4 also increases and the diodes of CR17 operate in a lower forward-resistance region and load the input circuit of microphone amplifier Q1. The operating bias for the carbon microphone element in the handset is obtained from the 20-volt dc power connection. Resistor R3 and capacitor C1 provide decoupling and control the amount of bias applied to this microphone circuit.



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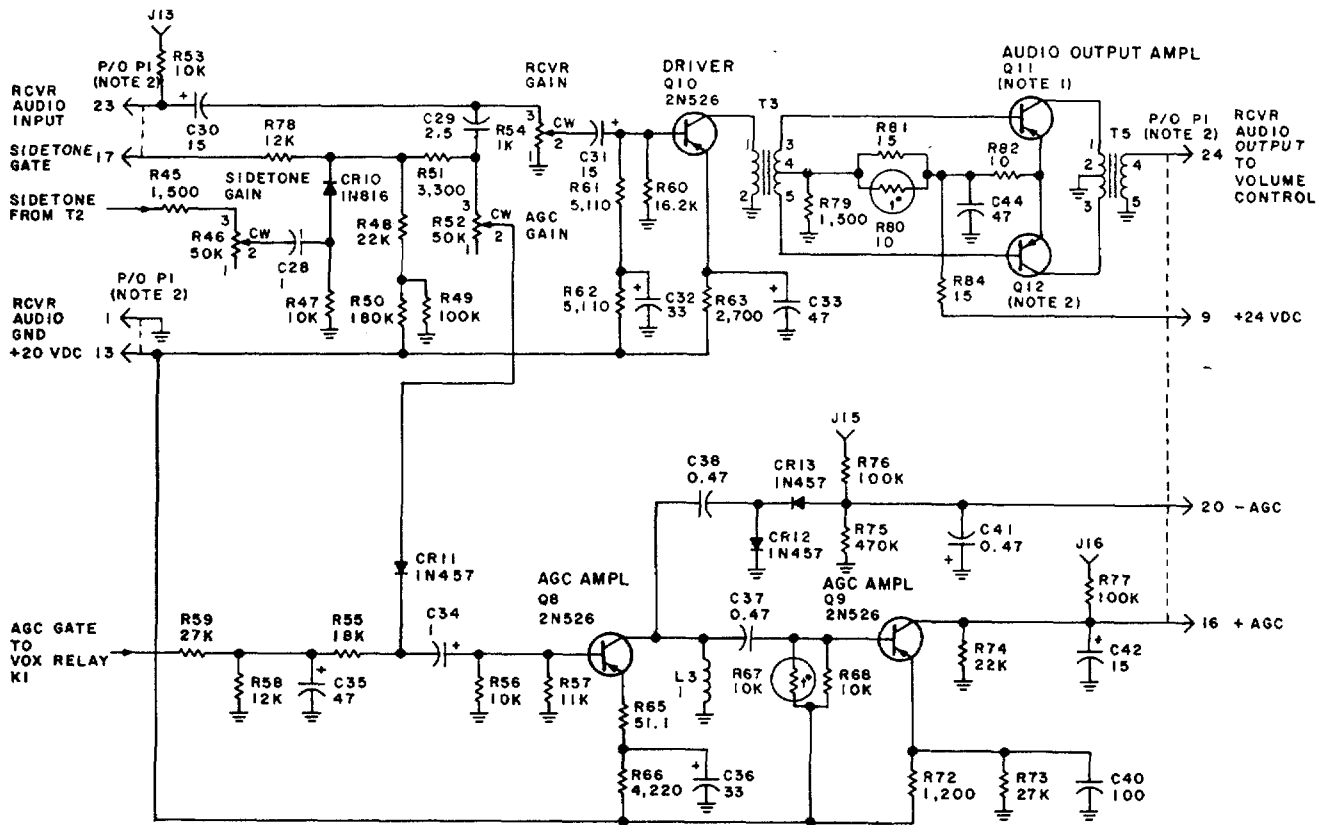
Figure 2-5 Compressor/Amplifier Circuit Schematic Diagram.

b. When the radio set is operated in either the cw or fsk mode, or when OPR/TUNE switch S102 is placed in the TUNE position, a ground is

connected to the cw key input (P1-18) and to the audio oscillator circuit. When this ground is connected to the cold end of its tank circuit (L2-

C21, Hartley oscillator Q5 is enabled and an output of approximately 800 Hz is obtained. The oscillator output, or the voice audio from microphone amplifier Q1, is applied to audio amplifier Q3. The resulting amplified output from Q3 is limited by CR5-CR6 and then applied to output amplifier Q4 through microphone amplifier gain control R27. This control is a screwdriver adjustment that establishes the maximum transmit audio output level at the secondary of transformer T2 and connector P1-22. A portion of the output from Q4 is also applied to vex detector CR7-CR8 through vox gain control R40. The resulting positive voltage controls the conduction of vox amplifiers Q6 and Q7. When a minimum threshold voltage is available at the output of CR7-CR8, as determined by the output level of Q4 and the setting of vox gain control R40, transistors Q6-Q7 conduct and relay K1 is energized. The time required to close the vox relay following application of an audio signal to the input of the vox detector is called the attack time. Similarly, the time required for the vox relay to release after removal of the audio signal from the input of the vex detector is called the release, or dropout, time. A fast attack, slow release characteristic is obtained by suitably selecting capacitor C26 and resistor R43, in association with diode CR9. When the audio input level is below the vox threshold, C26 charges through Q6 and R43. When fully charged, nearly

all of the supply voltage appears across C26 so that the base of Q6 is near ground potential and it remains cut off. When the audio input level exceeds the threshold value, however, the base of vex amplifier Q7 is biased more positively and this transistor conducts. The amount of conduction is limited only by the amount of negative feedback in the loop from the collector of Q7 through C26, through the base-emitter junction of Q6, and back to the base of Q7. As Q7 begins to conduct, the negative charge on the base of Q6 rapidly disappears as C26 discharges through the low forward-resistance of CR9. At a point on the discharge curve of C26, however, transistor Q6 reaches cutoff, the negative feedback path to Q7 is opened, and transistor Q7 immediately switches to full conduction. As this occurs, vex relay K1 is operated through the ground supplied by the collector-emitter junction of Q7. When audio input disappears, or the level drops below the threshold established by the circuit, a more negative potential is applied to the base of Q7, and it is driven toward cutoff. Total and immediate cutoff is prevented by the presence of a small positive voltage in the feedback loop, but as C26 charges, a point is reached on the charge curve where nearly all the supply voltage again appears across this capacitor. The base of Q6 again approaches ground, transistor Q7 is again cut off, and vox relay K1 releases.



- NOTES:**
1. Q11 AND Q12 ARE MATCHED PAIR TYPE 2N158A, β MATCHED WITHIN 25% AT $I_c = 250$ MA
 2. PI MATES WITH J2 ON CH-474/PRC-47.
 3. UNLESS OTHERWISE INDICATED; RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN MICROFARADS AND INDUCTANCE VALUES ARE IN HENRYS.

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Figure 2.6 Output Amplifier, CW Used

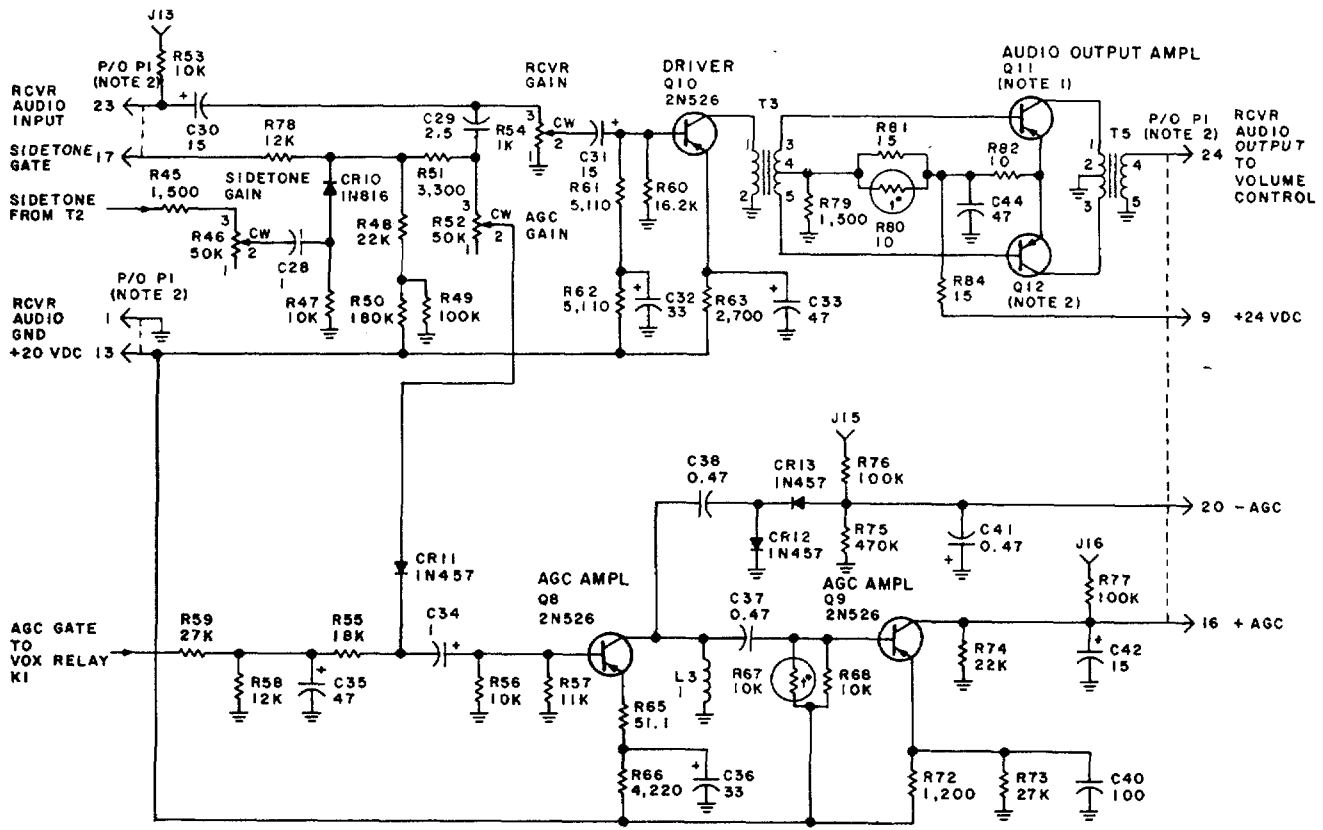
c. Vox relay K1 is also operated by pressing the push-to-talk (ptt) switch on the handset, by placing CW-FSK/VOICE switch S2 to CW-FSK, or by placing OPTUNE switch S102 to TUNE. When any of these controls is operated, push-to-talk relay A5K1 (in Power Supply PP-3518/PRC-

47) is also operated and the high-voltage power supply circuits are energized for transmitter operation. Unless the vex option para 2-1 b) is implemented in Electrical Equipment Chassis CH-474/PRC-47, only push-to-talk operation is permissible with the existing circuits. As vox

relay K1 is energized, the 26.5-volt dc output at P1-7 also operates t/r relay K10I and screen voltage relay K103 in the power amplifier compartment, and B + relay K3, 500-kHz relay K4, and receiver antenna relay K5 in the main chassis of the receiver-transmitter.

d. The receive audio signal from amplifier-modulator A2 is applied to driver Q10 in audio frequency amplifier A1 through receiver gain control R54. This control is a screwdriver adjustment that sets the maximum signal level available at the receiver audio output terminals. Driver Q10 amplifies this incoming signal and routes it through transformer T3 to push-pull audio output amplifier Q11-Q12. The resulting amplified audio signal is applied through transformer T5 and the VOLUME control to the connected audio output device. A portion of the incoming receive audio signal is also applied to agc gate CR11 by automatic gain control R52. Agc gate CR11 is disabled during the transmit period by a reserve bias of 26.5 volts dc that is applied to it from vox relay K1. While disabled, no Agc voltages are available for if. amplifiers Q2 and Q3 of amplifier-modulator A2 or to rf amplifiers V1 and V2 in signal data translator A3. As a result, these stages operate at full circuit gain, using fixed bias during transmit periods. In the receive mode, Agc gate CR11 is enabled, however, and the audio signal from Agc gain control R52 is applied to agc amplifier OR The

output of this amplifier is divided between the +agc circuit containing Q9, and the-agc circuit containing CR12-CR13. Agc amplifier Q9 is biased in the nonlinear region of its operating characteristic and functions as a common-emitter detector. The collector of Q9 is returned to ground through the bias network associated with if. amplifiers Q2 and Q3 in amplifier-modulator A2 and this permits a positive dc voltage to be applied to these stages that is proportional to the average level of receive audio signal. Audio filtering at the output of Q9 is provided by capacitor C42. The other part of the amplified output from Q8 is rectified by detector CR12-CR13, filtered by capacitor C41, and is then applied as a negative bias to the grid circuits of rf amplifiers V1 and V2 in signal data translator A3. Sidetone gate CR10 is enabled in the transmit mode by sidetone bias rectifier CR101 in the power amplifier compartment of the receiver transmitter. When engaged, the sidetone audio from output amplifier Q4 is applied to driver Q10 through sidetone gain control R46 and receiver gain control R54. After the maximum output level of audio output amplifier Q11-Q12 has been established by the setting of R54, the sidetone output available during transmit periods is set by the screwdriver adjustment of R46. In the receive mode, sidetone gate CR10 is disabled and no output from the microphone circuit is contributed to the driver output.



- NOTES:**
1. Q11 AND Q12 ARE MATCHED PAIR TYPE 2N158A, β MATCHED WITHIN 25% AT $I_c = 250$ MA
 2. PI MATES WITH J2 ON CH-474/PRC-47.
 3. UNLESS OTHERWISE INDICATED; RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN MICROFARADS AND INDUCTANCE VALUES ARE IN HENRYS.

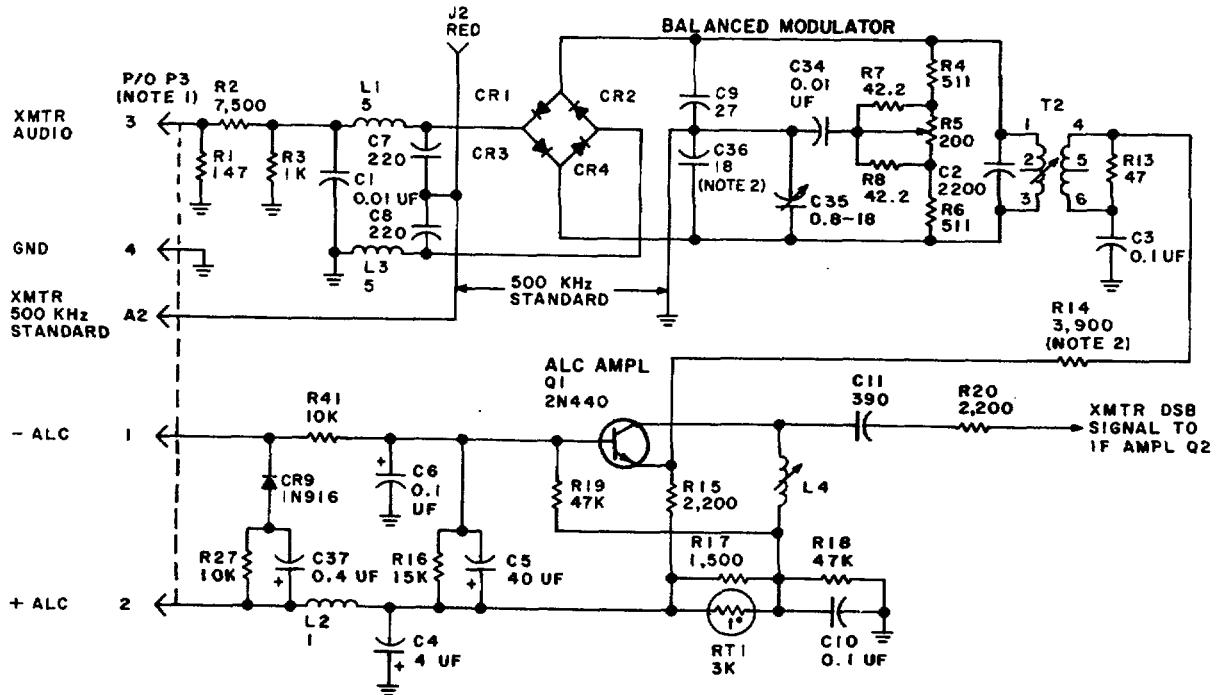
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Figure 2-7. Receiver Amplifier, AGC Circuit, and Sidetone Gate, Schematic Diagram.

2-10. Amplifier-Modulator AM 3507/PRC-47 (A8A2) (fig. 2-8 through 2-10)

a. During transmit periods, vox relay A1 K1 is operated and 500-kHz relay K4 (on the main chassis) is also energized. The transmit 500-kHz standard signal from radio frequency oscillator A6 is routed through K4 to the balanced modulator where it is mixed with the transmit audio output of amplifier A1Q4. The output of balanced modulator CR1 through CR4 is a series of pulses whose polarity and repetition rate are determined by the phase and frequency of the 500-kHz standard signal and whose amplitude is proportional to the instantaneous amplitude of the audio input signal. In terms of frequency analysis, the balanced modulator output contains both upper- and lower-sideband signals displaced from the 500-kHz intermediate frequency by the instantaneous audio modulation frequency. The balanced modulator has the familiar diode ring configuration and provides a push-pull output. The diodes of the ring are alternately switched on

and off in parts by the symmetrically-fed transmit 500-kHz standard signal. The output, therefore, consists of a alternate positive and negative 500kHz pulses that constitute the double-sideband, suppressed carrier signal. This double sideband is routed through transformer T2 to alc amplifier Q1. The gain of alc amplifier Q1 is controlled by the +alc and -alc bias voltages that are returned to it from the power amplifier and this assures that the sideband power level at the transmitter output is maintained within the capabilities of the power amplifier tube. alc amplifier Q1 is connected in a common-base configuration and operates normally with only self bias. The +alc bias is a -100-volt dc reference voltage that is applied to the emitter circuit of Q1. The -alc bias is applied to the base of Q1 and is also -110 volts dc except when the power amplifier stage draws grid current (class AB2). When this occurs, the -alc bias becomes more negative and the circuit gain of Q1 is reduced causing a corresponding reduction in the power amplifier driving signal.



NOTES:

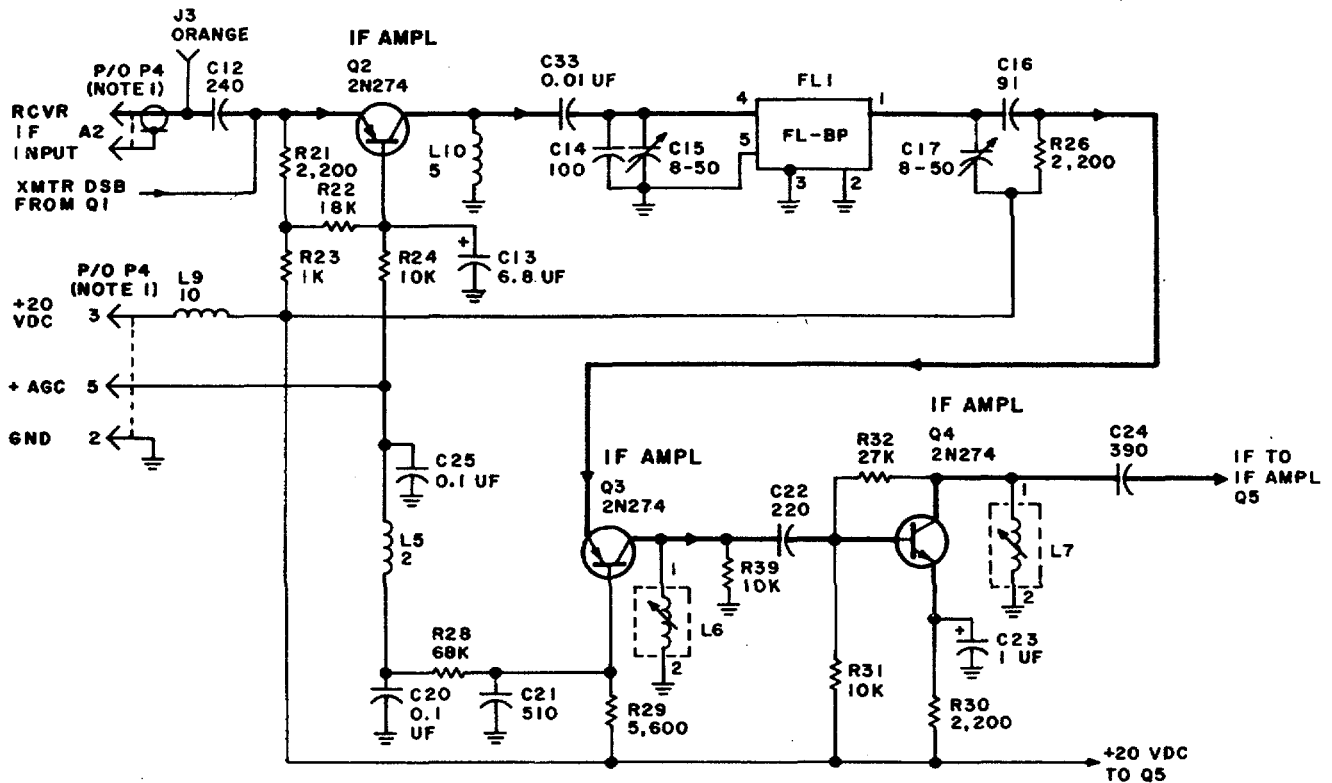
1. P3 MATES WITH J3 ON CH-474/PRC-47.
2. SELECTED IN FINAL TEST, NOMINAL VALUE SHOWN.
3. UNLESS OTHERWISE SPECIFIED; RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN PICOFARADS AND INDUCTANCE VALUES ARE IN MILLIHENRYS.

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Figure 2-8. Balanced Modulator and ALC Circuit , Schematic Diagram.

b. The double-sideband signal from alc amplifier Q1 is further amplified by the common base circuit of if. amplifier Q2 and then applied to the mechanical filter. Bandpass filter FL1 is adjusted to pass only the lower-sideband output of Q2 and

to greatly attenuate the opposite sideband and the 500-kHz standard signal. Further amplification of this lower-sideband signal is obtained in if. amplifiers Q3 and Q4.



NOTES:

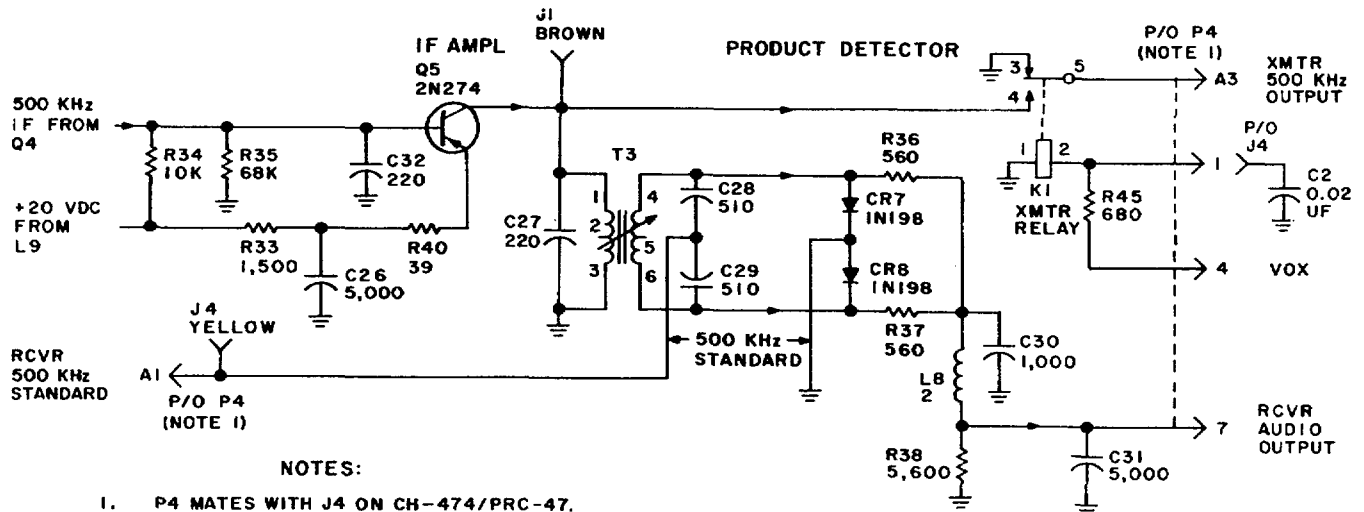
1. P4 MATES WITH J4 ON CH-474/PRC-47.
2. UNLESS OTHERWISE INDICATED; RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN PICOFARADS AND INDUCTANCE VALUES ARE IN MILLIHENRYS.

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Figure 2-9 If. Amplifier Circuit, Schematic Diagram.

c. The intermediate frequency signal from if. amplifier Q4 is further amplified by Q5. The output of this common-emitter amplifier is routed to the normally-open contacts of transmit relay K1, and then by way of transformer T3 to the product detector. In the transmit mode, the 26.5-volt dc potential from vox relay AIK1 operates transmit relay K1 and routes the transmit 500-kHz if. output from P4-A3 to the transmit mixer of signal data translator A3. When the receive mode is selected, however, the receive if. signal from amplifier Q5 is routed to the product detector circuit by transformer T3. Product detector CR7-CR8 consists of two push-pull

connected diode mixers that are alternately switched on and off at the 500-kHz standard signal rate. The receive 500-kHz standard signal is present only when the receive mode is enabled and there is no 26.5-volt vex signal applied to 500-kHz relay K4. The audio component at the output of the product detector is the difference between the instantaneous values of the incoming lower-sideband if. signal and the receive 500-kHz standard signal. This audio output is routed through the low-pass filter consisting of C30, C31, and L8 to remove the remaining if. component before further amplification by circuits in audio frequency amplifier A1



NOTES:

1. P4 MATES WITH J4 ON CH-474/PRC-47.
2. UNLESS OTHERWISE INDICATED; RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN PICOFARADS AND INDUCTANCE VALUES ARE IN MILLIHENRYS.

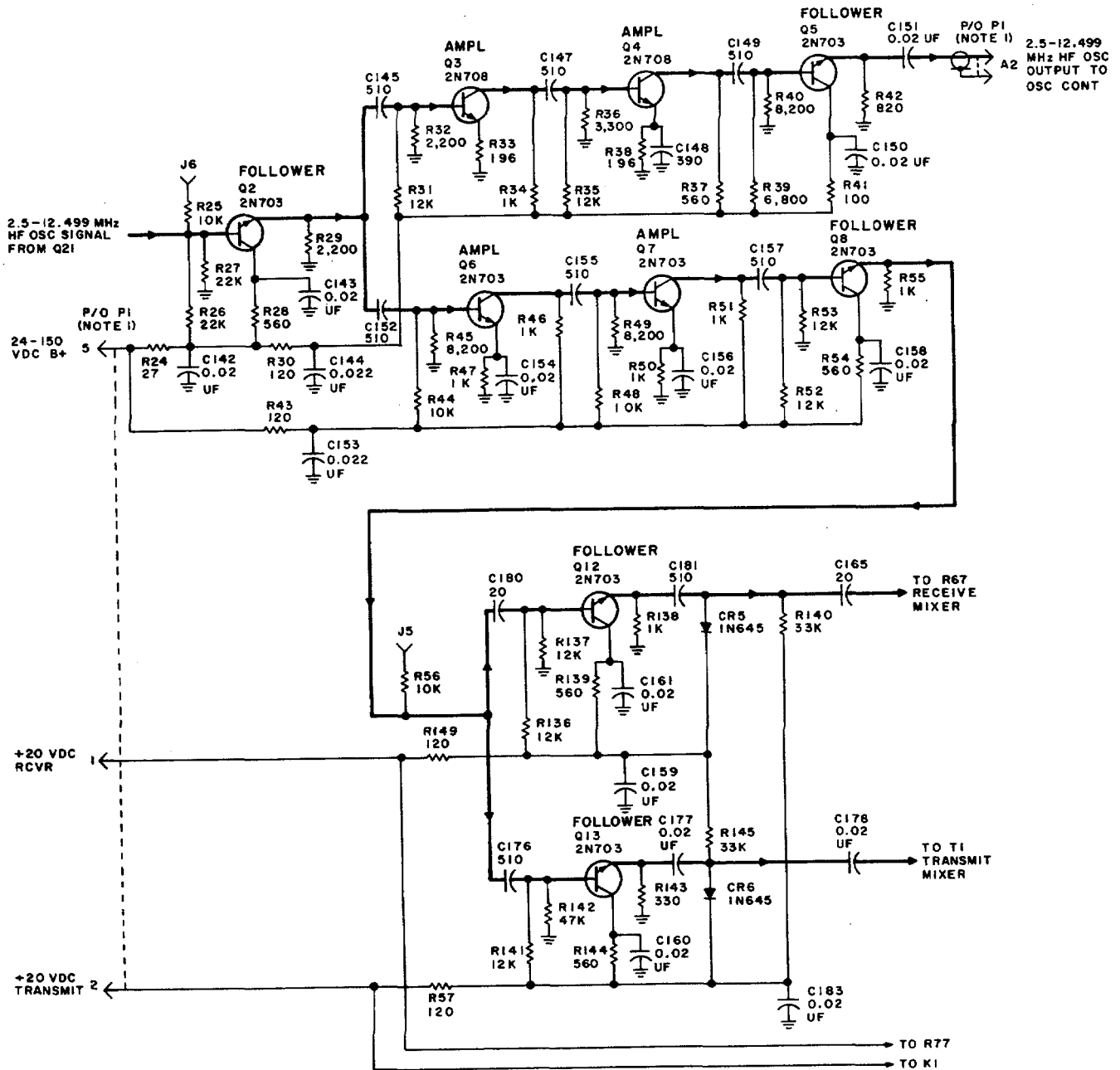
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Figure 2-10. If. Amplifier and Product Detector Circuit, Schematic Diagram.

2-11. Signal Data Translator CV-1377A/PRC-47 (A8A3) (fig. 2-11 through 2-14, 7-11)

a. Signal data translator A3 contains isolation and amplifier circuits, transmit and receive mixer circuits, the tuned rf amplifier and driver stages, and the hf oscillator and buffer amplifier. Follower Q2 isolates the output of buffer amplifier Q21 and routes the hf oscillator signal through amplifiers Q3 and Q4 to follower Q5 and to the oscillator control circuits (para 2-14d). This 2.5-to 12.499-MHz signal branches at the emitter of follower Q2 and is amplified by Q6 and Q7 before being routed to the transmitter and receiver mixer circuits by follower Q8. At the emitter of Q8, the

hf oscillator signal is again divided with part of it being routed to follower Q12 and the remainder being applied to follower Q13. The appropriate output of these circuits is controlled by the bias voltage that is applied to either the +20 vdc rcvr input or to the +20 vdc xmtr input as B + relay K5 on the main chassis is operated. Application of this bias voltage to Q12 as the receive mode is selected enables the follower and places a forward bias on CR6 that disables this gate. The hf oscillator signal is then routed to the receiver mixer (Q11). When the transmit mode is enabled, +20 vdc smtr input from connector P1-2 is applied to follower Q13 and a forward bias is placed on diode CR5. The transmit mixer input is made operative and the receiver mixer is disabled.



- NOTES:
1. P1 MATES WITH J5 ON CH-474/PRC-47.
 2. UNLESS OTHERWISE INDICATED; RESISTANCE VALUES ARE IN OHMS, AND CAPACITANCE VALUES ARE IN PICOFARADS.

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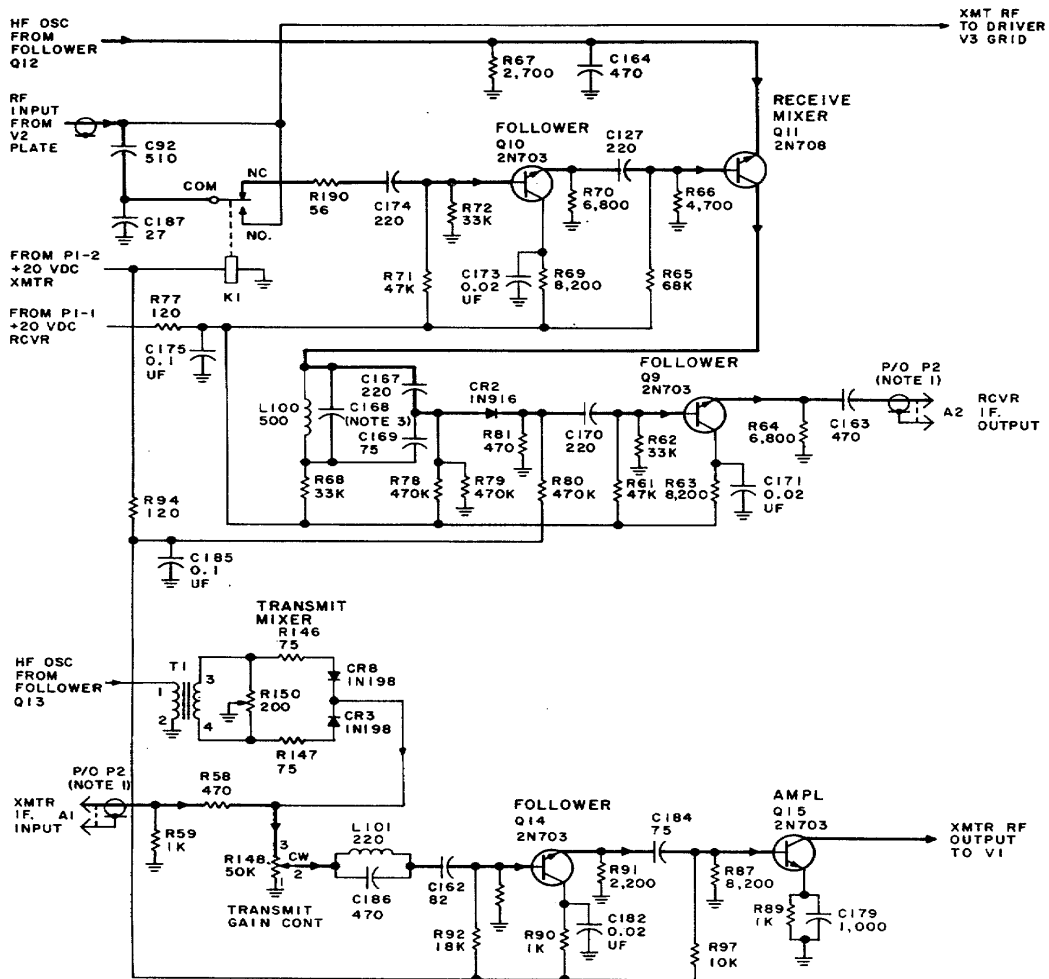
Figure 2-11. Isolation Amplifier Circuits, Schematic Diagram.

b. The hf oscillator signal from follower Q 12 is applied to the emitter of receiver mixer Q11 when the receive mode is selected. The incoming receive rf signal from second rf amplifier V2 is routed through the normally-closed contacts of relay K1, through follower Q10, to the base of receiver mixer Q11. The collector of this transistor is tuned to the difference-frequency of these two signals by the parallel-tuned circuit consisting of capacitors C167 through C169 and inductor

L100. Since the enabling bias @ +20 vdc xmtr) is not applied, gate CR2 also remains enabled and this signal is routed through follower Q9 to the if. amplifier circuits of amplifier-modulator A2. During receiver operation follower Q14 and amplifier Q15 are unbiased and remain disabled. As the transmit mode is selected, however, the +20 vdc xmtr bias is applied to P1-2 and transistors Q14 and Q15 are enabled. Forward bias is also applied to gate CR2 so that it is disabled and

to relay K 1. As K1 operates, the transmit rf output from second rf amplifier V2 is routed directly to the grid circuit of driver V3. The transmit if. single sideband signal is applied to the junction of resistors R58 and R59. The hf oscillator signal from follower Q13 is then routed to transformer T1 whose secondary winding contains diode mixers CR3 and CR8. These diodes are switched on and off at the hf oscillator rate and the resulting waveform across R148 is a pulse-train whose repetition rate and polarity are determined by the 500-kHz transmit if. signal.

The absolute level of the difference-frequency obtained by mixing is controlled by transmit gain control R148, and the parallel trap consisting of capacitor C186 and inductor L101 attenuates any 500-kHz standard signal that may remain after mixing. Potentiometer R150 across the secondary winding of transformer T1 is used to balance the transmitter mixer circuit to obtain maximum suppression of the hf oscillator signal. The 2.0 to 11.999-MHz signal produced by the transmit mixer is coupled through follower Q14 and amplifier Q15 to the rf stages (V1 and V2).



- NOTES:
1. P2 MATES WITH J6 ON CH-474/PRC-47.
 2. UNLESS OTHERWISE INDICATED: RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN PICOFARADS AND INDUCTANCE VALUES ARE IN MICRONHENRYS.
 3. VALUE OF C168 IS SELECTED IN FINAL TEST.
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Figure 2-12. Receiver Mixer/Transmitter Mixer Circuits, Schematic Diagram.

c. The rf amplifier and driver stages, as shown in figure 7-12, are conventional vacuum-tube amplifiers with bandswitching plate tank circuits. In the transmit mode, the rf signal from amplifier Q15 is applied to the grid circuit of first rf amplifier V1, routed to second rf amplifier V2, and further amplified by driver V3 before being applied to the grid circuit of the power amplifier stage. The rf amplifier/driver bandswitching circuits are coarse-tuned by adjustment of the whole megahertz frequency control knob on the front panel of the RT-671 /PRC-47. As this selection is made, a switch position is selected that connects an appropriate tuned circuit component to each stage. The bands of frequencies that are selected at each switch position is shown in the following table

| Bandswitch position | KILOCYCLES indicator reading (MHz.) |
|---------------------|-------------------------------------|
| 1 | 2.000 to 2.999 |
| 2 | 3.000 to 3.999 |
| 3 | 4.000 to 4.999 |
| 4 | 5.000 to 5.999 |
| 5 | 6.000 to 6.999 |
| 6 | 7.000 to 7.999 |
| 7 | 8.000 to 8.999 |
| 8 | 9.000 to 9.999 |
| 9 | 10.000 to 10.999 |
| 10 | 11.000 to 11.999 |

Fine tuning by adjustment of the 100- and 10-kHz frequency control knobs on the front panel of the receiver-transmitter varies the inductance of series coils L1 through L5 and L145 to obtain proper tracking. When the receive mode is selected, the additional tuned circuits associated with bandswitches S1, S2, and S3 are inserted in the grid circuit of the first rf amplifier (V1). These grid circuit components are ganged with the whole megahertz, 100-kHz, and 10-kHz frequency control knobs and are adjusted with the plate circuit components. These additional tuned circuits in the grid of V1 provide greater image

rejection and reduce adjacent-channel interference by improving the input selectivity during receiver operation. Receiver overloading is minimized by the use of automatic gain control techniques. The agc bias applied to the control grid circuits of rf amplifiers V1 and V2 is obtained from circuits in audio frequency amplifier A1 (pare 2-9d).

d. The hf oscillator signal is generated by transistor Q20 using the shunt- and series-tuned circuits associated with bandswitches S6 and S10. Oscillator Q20 is a common-base Colpitts configuration that employ voltage-controlled capacitors in a shunt network across the frequency-determining tank circuit to provide automatic error-correction of the transmitter-receiver operating frequency by compensating voltages developed in the discriminator circuits of oscillator control A7. Coarse frequency control of the hf oscillator (vfo) is provided by ganging the hf oscillator bandswitches with the whole megahertz frequency control shaft that adjusts the rf amplifier and driver circuits. Fine frequency control is provided by application of error-correcting voltages to the error volts A and/or error volts B inputs that control varicaps CR9 and CR10. A small time lag exists between the application of the error voltage by the discriminator circuits of oscillator control A7 and the change in hf oscillator frequency. This is largely due to the slow response of the varicap capacitance. As a result, some over-correction can occur and some hunting exists during the frequency control mode. The 2.5- to 12.499-hf oscillator signal is amplified and buffered by Q21 before application to follower Q2 and the isolation amplifier circuits. Capacitor C344 and slug rack L145 permit the initial hf oscillator frequency settings to be made prior to tracking adjustments. Potentiometer R162 in the base of buffer amplifier Q21 permits the hf oscillator output level to be controlled over narrow limits.

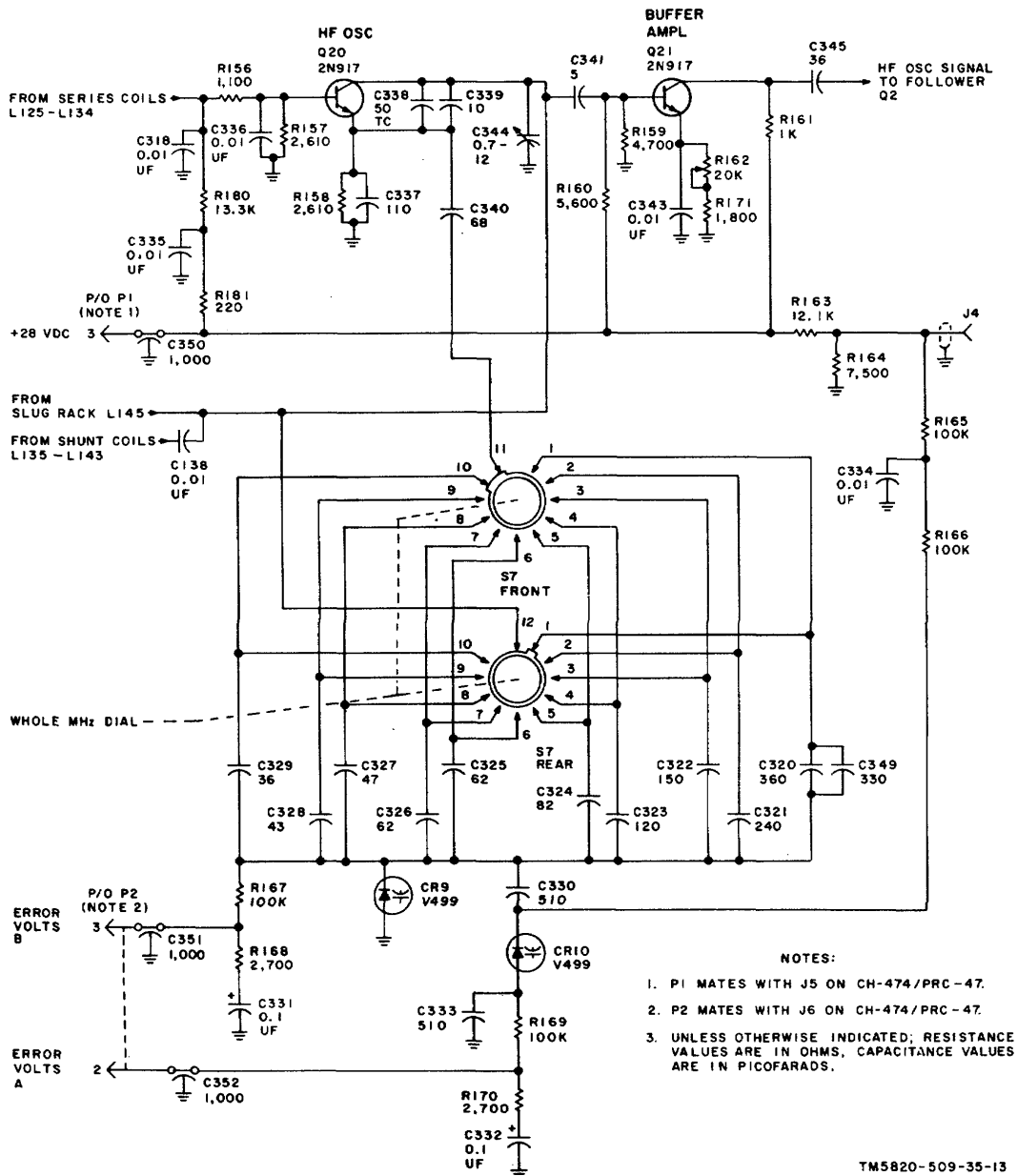


Figure 2-13. Hf Oscillator and Varicap Control Circuits, Schematic Diagram.

e. The 1-MHz pulse output from oscillator control A7 is applied to the emitter circuit of pulse amplifier Q19. This grounded-base pulse amplifier provides frequency multiplication since it is biased in its nonlinear character. The natural ringing frequency of the circuit is enhanced by the hi-Q tank components that are selected in 1-M Hz increments between 5 and 14 MHz by the rotation of switch S9. This selection is made by the whole

megahertz frequency control knob on the front panel of RT-671/PRC-47. The output frequency of the pulse amplifier remains in synchronism with the 1-MHz pulses applied to its input, and limiters Q16 and Q17 clip the 5- to 14-MHz output to maintain it at a constant level. The resulting signal is routed to circuits in oscillator control A7 by follower Q18.

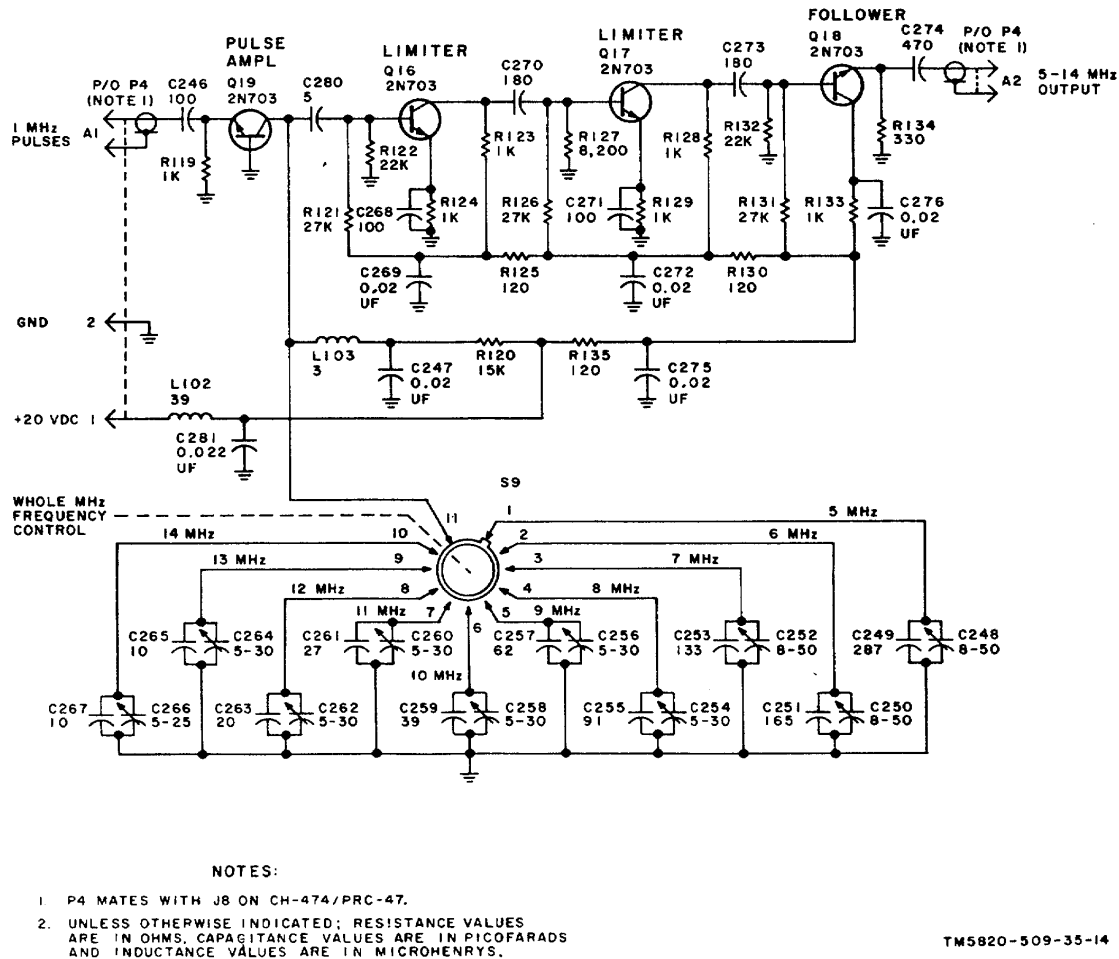


Figure 2-14. 5- to 14-MHz Amplifier/Limiter Circuit, Schematic Diagram.

2-12. Power Supply PP-3518/PRC-47 (A8A5) (fig. 7-12)

a. The primary power input circuits to power supply A5 are conventional. Low voltage transformer T2 is energized continuously by the ac primary power source after closure of ac power control relay-K2, but high-voltage transformer T1

is energized only in the transmit mode by operation of the push-to-talk relay (K1). A unique feature of power supply A5 is the same components are used regardless of the type of primary power source connected to the equipment. When an ac source is connected to the input terminals, transformer T2 is energized and

rectifiers CR26 through CR29 supply unfiltered 26.5 volts dc at terminal P1-22. In addition, filtered +24 volts dc and regulated and filtered +20 volts dc are also available from this circuit. During the transmit period, push-to-talk relay K1 is energized by a ground placed on the push-to-talk (ptt) key line (P1-11). As K1 contacts close, ac primary power is applied to terminals 1 and 5 on high-voltage transformer T1. Voltage step-up occurs in all secondary windings of this transformer except those identified by terminals 12, 13, and 14. This winding is used to power the vacuum-tube filament circuits and is a step-down winding. The rectifier filter circuits associated with the secondary windings of high-voltage transformer T2 are conventional. The negative potential furnished by bias rectifiers CR1 through CR4 is filtered by the resistance-capacitance network consisting of R1-C1. The resulting output voltage is divided to permit independent control of the-110-volt dc and the-32-volt dc grid bias potentials required for operation of power amplifier V101 and driver A3V3. Potentiometers R3 and R4 provide moderate adjustment of these levels.

b. When a dc primary power source is connected to the receiver-transmitter, P1-22 becomes +26.5 volts dc input for the low-voltage circuits. Transformer T2 remains deenergized with the dc power source connected, but filter C25-L1-C26 and the associated regulator network are used to provide +24 volts dc and regulated +20 volts dc to the connected circuits just as in the case of ac operation. The power oscillator circuit, located in the main chassis of the receiver-transmitter, operates as an inverter that provides a 26.5-volt squarewave voltage to terminals 2 and 4 of high-voltage transformer T2. Terminal 3 on this primary winding provides a convenient means for applying power to the power oscillator and the insertion of push-to-talk relay K1 contacts in this lead permits proper control during transmit periods.

c. The filtered +24 volts dc from the low-voltage power supply circuit is applied to the voltage regulator input. Zener diode CR31 and resistor R20 provide a reference voltage at the emitter of transistor Q2. The base of this transistor samples the fluctuations in output voltage that appear at the wiper of potentiometer R22, and these variations are amplified by Q1 and Q2 to provide a control bias that controls series regulator Q3. Variations in the bias applied to Q3 produce variations in the collector-emitter current flow of this transistor, and have an effect similar to the addition or removal of a series resistance in

the output circuit to the load. For example, if the output voltage of the regulator begins to rise, current through the base-emitter circuit of Q2 will also increase. The resulting voltage drop across resistor R19 lowers the potential at the base of Q1 and reduces the conduction current in this transistor. The decrease in collector-emitter current flow in Q1 results in a corresponding decrease in conduction current in series regulator Q3. This reduces the output voltage of the regulator terminals to near its steady-state value. The output voltage of the regulator is adjusted by setting potentiometer R22 while monitoring the output voltage at tip jack J8.

2-13. Radio Frequency Oscillator O-I032/PRC-47 (A8A6) (fig. 7-13)

a. The temperature-compensated crystal oscillator circuit provides a highly accurate stabilized oscillator frequency of 3.000 MHz. This circuit consists of transistor Q1 in association with the crystal, inductor L1, and voltage-controlled capacitor C12. Low values of crystal drive (approximately 10 microwatts) are maintained to enhance the long-term stability and to insure that the self-rectified voltage appearing across C12 remains below the minimum required for compensation over the entire operating temperature range. As the ambient temperature varies over considerable limits, crystal frequency drift is maintained below 35 parts-per-million (ppm). Compensation for aging effects in the crystal circuit is provided for by variable capacitor C1. This device permits adjustment of the output frequency by approximately +4 ppm. The correction voltage supplied to voltage variable capacitor C12 is derived from the temperature-sensitive network consisting of thermal resistors RT1 through RT3, and resistors R1 through R6, and R18. The effect of rapid ambient temperature changes on the output frequency of the temperature-compensated crystal oscillator is minimized by the encapsulation of the crystal and its compensating network within a foam insulating block. Amplifier Q2 and follower Q3 isolate the crystal oscillator circuit from variations in loading.

b. The 3.000-MHz output of the temperature-compensated crystal oscillator is applied to a frequency divider circuit. Locked oscillator Q4 provides an output that is one-sixth of the input frequency but remains in synchronism with this input signal. The natural frequency of locked oscillator Q4 is determined by the network consisting of capacitors C13 through C16 in

association with Inductor L3. These capacitors form a voltage divider network that not only provides a convenient means for obtaining a positive feedback voltage for the emitter circuit, but also permits selection of the proper output voltage for subsequent stages. The output of 500. kHz amplifier Q5 is divided with part of the signal being routed to the 1-MHz pulse generator circuit of oscillator control A7 and the remainder passing through 500-kHz amplifier Q6 before being applied to the balanced modulator and product detector circuits of amplifier-modulator A2. Both Q5 and Q6 are conventional amplifier circuits that have tip jacks provided in each output path to facilitate measurement of output levels and waveforms.

c. The 500-kHz signal from locked oscillator Q4 is also routed to the 100-kHz circuits. Follower Q7 provides isolation before applying this signal to Q8. A frequency division of five occurs in locked oscillator Q8 with the natural period of this stage being determined by the network consisting of capacitors C28 through C31 in association with inductor L7. The capacity voltage-divider in the output of this stage also provides taps for conveniently obtaining positive feedback voltage for the emitter circuit, and provides proper output voltage for following stages. The 100-kHz signal from Q8 remains in synchronism with the input signal and hence the 3.000-MHz crystal oscillator output. 100-kHz amplifier Q9 is a conventional circuit that routes the output of Q8 to the 100-kHz pulse generator circuit of oscillator control A7 and effectively isolates these circuits.

2-14. Oscillator Control C-4311JPRC-47 (A8A8) (fig. 2-15 and 7-14)

a. Oscillator control A7 contains pulse generator circuits, tuned amplifier/limiter circuits, crystal oscillator/mixer circuits, and a two-channel discriminator. The 500-kHz standard signal from A6Q5 is applied to the 1-MHz pulse generator circuit consisting of transistors Q4 through Q6 and their associated components. Following amplification by Q7, the resulting 1-MHz pulse train is applied to the 5- to 14-MHz amplifier circuits of signal data translator A3. The 1-M Hz pulse generator circuit consists of frequency doubler Q4, pulse generator Q5-Q6, and amplifier Q7. Doubler Q4 is operated in the nonlinear portion of its characteristic to produce an output rich in harmonics of the 500-kHz input signal. The tuned circuits consisting of capacitors C14 and C15 in association with inductor L1 is resonant at the second harmonic of the input signal and provides an output of 1-M Hz.

Transistors Q5 and Q6 are arranged in a Schmitt trigger circuit that uses inductor L2 for a common emitter load. The inductor maintains a constant dc emitter current (common mode current) that flows in each transistor as they are alternately switched at a 1-MHz rate. The resulting pulse train is amplified by Q7 before being routed to signal data translator A3.

b. The 100-kHz signal from amplifier A6Q9 is applied to the 100-kHz pulse generator circuits consisting of pulse generator Q1-Q2 and pulse amplifier Q3. Transistors Q1 and Q2 form a Schmitt trigger circuit that provides a squarewave output at the 100-kHz switching rate. The coupling network that interconnects Q2 with the base of pulse amplifier Q3 differentiates this squarewave signal and produces both positive-going and negative-going pulses at the base of Q3. Limiter CR1 conducts during the negative-going transitions and shorts these pulses to ground, but during the positive-going transitions, the pulses ring the parallel-resonant tank circuit contained on the 1.8- to 0.9-MHz tuned-circuit board. Switch S3 in the 1.8- to 0.9-MHz tuned-circuit assembly is controlled by the 100-kHz shaft associated with the middle frequency-control knob on the front of the receiver-transmitter. The selection made by this knob resonates the parallel circuit to enhance the pulse amplitude applied to the amplifier-limiter circuits. Transistors Q7 through Q19 clip and amplify the sinusoidal output of pulse amplifier Q3 to assure that a constant level is maintained across the entire frequency range from 1.8 to 0.9-kHz. Spurious frequencies introduced by limiting are attenuated by the bandpass filter consisting of capacitors C66 through C70 and inductors L16 through L18 that are connected across the output of transistor Q19.

c. Crystal oscillators Q20 and Q21 are conventional common-emitter circuits that have a bandswitching turret in each base. The crystals associated with switch S1 are selected by the position of the shaft associated with the 1-kHz frequency-control knob on the front panel of the receiver-transmitter. The crystals associated with switch S2 are selected by the position of the 10-kHz shaft associated with the middle frequency. control knob on the front of the RT-671/PRC-47. The output signals from oscillators Q20 and Q21 are combine in mixer Q22 to provide one-hundred 1-kHz channels between 601- and 700-kHz. The circuit duality of these oscillators and a similarity of temperature coefficient for 811 crystals associated with these oscillators provides an

essentially drift-free output frequency at Q22 This output is routed through the bandpass filter consisting of capacitors C105 through C109 and inductors L24 through L26 to remove any spurious frequencies that may have been introduced in the desired signal due to mixing. The 700- to 601-kHz signal is clipped by limiter CR7-CR8 to form a squarewave that is coupled to the discriminator circuit.

d. The 0.9- to 1.8-MHz signal from limiter Q19 is routed through follower Q24 before being heterodyned in diode quad mixer CR10 with the 5- to 14-MHz signal from Q18 in signal data translator A3. Since each of these input signals is variable (depending on the setting of the KILOCYCLES indicator on the front panel of the receiver-transmitter), the output of mixer Q10 is also variable and may be any 100-kHz channel between 3.2- and 13.1-MHz. This output frequency is routed through follower Q25 and further mixed in diode quade CR11 with the hf oscillator signal from Q5 of signal data translator A3. The difference-frequency at the output of mixer CR11 is also variable and may be any 1-kHz channel between 601- and 700-kHz. This signal contains an increment of hf oscillator error frequency. The mixer output is amplified by Q26, filtered by the circuit consisting of capacitors C169 through C177 in association with inductors L29 through L32. Further amplification is obtained by Q27 before routing the signal to forward-limiting clipper CR9-CR15. The squarewave output of this clipper is applied to both channels of the discriminator circuit.

e. The discriminator circuit has two modes of operation: the frequency control mode, and the phase control mode. When the hf oscillator output frequency is within 50 kHz of the reference standard the discriminator is said to be in the frequency control mode and it compares the 601-to 700-kHz reference signal from follower Q23 with the 601- to 700-kHz (plus hf oscillator error) signal from clipper CR9-CR15. The resulting dc output is applied to the varicap control circuit of signal data translator A3 to reduce the hf oscillator error toward zero. When the difference between the hf oscillator output frequency and the reference signal is less than approximately 5 kHz, the discriminator assumes the phase control mode. In this mode, the circuit monitors the changing phase-difference between the two input signals and corrects the error voltages until this phase-difference approaches zero. When the phase error is zero, the hf oscillator output frequency is identical with the reference oscillator output frequency. Discriminator channel A

consists of the circuits associated with transistors Q8, Q9, and Q10, while channel B consists of the circuits associated with transistors Q11, Q12, and Q13. Selection of these transistors into matched pairs and the careful adjustment of bias and coupling components in these two channels assures nearly identical stage gains in each of the two signal paths. Capacitor C21 and resistor R34 form a phase-shift network in the reference signal path from follower Q23 to the input of Q11. The reference signals are summed with the unshifted output of clipper CR9-CR15 in both channels and the resulting signal at the output of Q8 and Q11 is similar to the waveform shown at the top of figure 2-15. The repetition rate of these two envelopes is

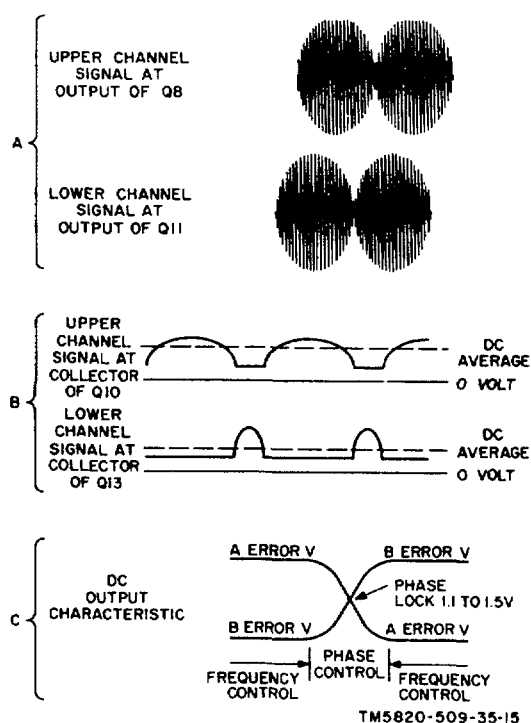


Figure 2 -15 Discriminator Circuit Waveforms.

equal to the difference between the two input frequencies and represents the frequency error associated with the hf oscillator. Either envelope may lead the other along the time base, depending upon whether the hf oscillator frequency is higher or lower than the reference frequency. The outputs of amplifiers Q8 and Q 11 are further amplified by Q9 and Q12 respectively and the individual signals are then detected by diodes CR3 and CR4. In the frequency control mode, the leading edge of the envelope in each channel is used to trigger transistor-pair Q10-Q13 so that they alternately conduct. These transistors operate as a bistable multivibrator with a switching rate equal to the repetition rate of the envelope in each channel. The resulting clipped

envelope at the collector of these transistors is similar to the center waveforms in figure 2-15. {It should be recalled that the waveforms can be reversed depending upon whether the upper channel leads the lower channel, or vice versa.} The integrator circuit at the output of Q11 (C93-R104) and at Q13 (C92-R103) change the output waveshape into dc levels known as error voltage A and error voltage B respectively. (The mnemonic used has no real significance except to differentiate between the respective channels and their outputs.) In the phase control mode, the envelope frequency will approach zero and the bistable switching of transistors Q10 and Q13 will stop. The error voltages at the output of the discriminator will be equal to the dc envelope values, and will vary as the phase-difference between the two channels varies. The phase control mode continues until the phase-difference between the hf oscillator and the reference oscillator is constant. At this time, the phase-difference is equal to the fixed phase-shift introduced by network C21-R34 at the input to transistor Q8, and the voltages at the error A and error B outputs are approximately 1.5 volts dc as indicated in the lower waveform of figure 2-15. (The waveforms used to illustrate the operation of the discriminator circuits are not continuously available for measurement at signal test points, but are only present during brief intervals immediately following a channel selection.)

f. A portion of the signal applied to the base of transistor amplifier Q27 is developed across emitter resistor R142. This signal is rectified by voltage-doubler CR12-CR13 in the automatic capture circuit and is applied to the base of dc amplifier Q28. The resulting positive voltage causes conduction of Q28 whose output clamps the base of transistor switch Q29 at a positive level just below that required for its conduction. If no signal is present at the emitter of Q27, dc amplifier Q28 is turned off and the positive voltage at the base of transistor switch Q29 rises causing this transistor to conduct. The ground supplied through the collector-emitter junction of Q29 is applied to antilock relay K6 on the main chassis of the receiver-transmitter and this relay is operated. As K6 contacts close, a voltage of approximately 10 volts dc is applied to the error A and the error B inputs to the varicap control circuit in signal data translator A3. Since this fixed voltage condition is also the calibrating condition for the hf oscillator, the output error is reduced and capture is once again obtained. After capture, a voltage-drop again appears across the emitter resistor (R142) of Q27 and transistor Q29

is again turned off so that the discriminator may again assume control of the error-correction circuits of the hf oscillator.

2-15. Electrical Equipment Chassis CH-474/PRC-47 (A8A4) (fig. 7-8)

a. When a dc power source is connected to the receiver-transmitter, and dc power control relay K1 is operated, +26.5 volts dc is applied to capacitor C1 and diodes CR1 and CR2 of the power oscillator circuit. As the push-to-talk relay (A5K1) is energized, the +26.5 volts dc is routed through its contacts and the primary winding of high-voltage transformer A5T1 to the emitter circuits of Q1 and Q2. Any difference in the operating characteristics of these two transistors will cause a slight potential difference to exist between their emitters. This difference is coupled to their respective base circuits by the windings of saturable reactor T1, and causes one transistor to conduct more heavily than the other. For example, suppose that the emitter of Q2 is initially a little more positive than the emitter of Q1. This voltage is coupled through reactor T1, and causes the base of Q2 to become more positive and its conduction is reduced. At the same time, the transformer-action of T1 places a slightly less positive charge on the base of Q1 and the conduction of this transistor is increased. The regenerative action continues until the core of reactor T1 is saturated, and then the flux-change ceases. At this point, the bias is removed from the base of each transistor, the magnetic flux in the core collapses, and the regenerative cycle begins in the reverse direction. The period required for a complete cycle is dependent upon the core properties of the reactor and the dynamic characteristics of the two transistors. The squarewave generated in the primary winding of high-voltage transformer A5T1 is approximately 400-Hz. Diodes CR1 and CR2 limit the voltage swing of each emitter lead hence the peak voltage applied to the primary winding of A5T1) to about 26.5 volts peak.

b. During the transmit cycle, the rf output of driver A3V3 is applied to the grid circuit of power amplifier V 101 This single-sideband signal is amplified by V101 and routed through the power amplifier LOAD-TUNE circuit and the t/r relay to the connected load. The grid bias for the power amplifier is derived from the-110-volt dc output of bias rectifier CR1 through CR4 in power supply A5. The level of the rf input signal at the power amplifier grid circuit is controlled so that maximum drive can be used without introducing

excessive distortion in the transmitted signal. This automatic level control (alc) is accomplished by reducing the gain of the transmit if. input signal whenever excessive drive is detected at the power amplifier grid circuit. The (alc) voltage is developed across grid resistor R104 whenever the power amplifier draws grid current (class A B2 operation), and this negative bias is added to the -110 volts dc used as a reference and the combined total (alc) sample controls the gain of (alc) amplifier Q1 in amplifier-modulator A2.

c. An rf voltage sample is taken from the plate circuit of the power amplifier across the voltage divider consisting of capacitors C105 and C144. This sample is routed to the filament centertap of driver V3 in signal data translator A3 as a negative feedback that improves the linearity of the rf output signal. Another voltage sample is taken from the power amplifier plate circuit across capacitor voltage divider C124-C140. This sample is rectified by sidetone rectifier CR101, filtered by capacitors C125, C126, and resistor R108, and applied as an enabling bias to sidetone gate CR10 in audio frequency amplifier A1. XMTR PWR switch S103 on the front panel of the receiver-transmitter selects the appropriate XMTR OUTPUT meter range, power amplifier control grid bias, and power amplifier plate and screen voltages to assure linear operation of this circuit at reduced power levels during tune-up and preliminary loading adjustments. In the LOW

power mode , the amplifier plate voltage is limited to +650 volts dc (derived from the normal screen voltage power supply) and the screen voltage is correspondingly reduced to limit the screen-grid dissipation to reasonable values during periods of off-resonance operation. The rf current flowing in the output circuit of the power amplifier stage is monitored by XMTR OUTPUT meter M101 to determine when proper resonance conditions exist in the output coupling network. Current bias former T101 samples the output rf and develops a voltage across resistor R129 that is proportional to this current. Diode CR102 rectifies this rf voltage and applies it to meter sensitivity adjustment (M ADT) R117. Diode CR103 protects the meter from voltage overloads, and capacitor C106 bypasses rf currents around the meter movement. When the BATTERY TEST switch on the front panel of the receiver-transmitter is pressed, XMTR OUTPUT meter M101 measures the terminal voltage of the connected batteries. Closure of this switch also overrides thermal cutout K103 for emergency operation of the receiver-transmitter during overtemperature conditions in the power amplifier compartment. The POWER AMPLIFIER LOAD and POWER AMPLIFIER TUNE controls operate inductors L109 through L112 and the whole megahertz control selects an appropriate shunt capacitor from the group C108 through C121 to terminate the power amplifier plate circuit impedance.

CHAPTER 3

DIRECT SUPPORT MAINTENANCE

Section I GENERAL TROUBLE SHOOTING TECHNIQUES

WARNING

Avoid contact with the high-voltage circuits and the antenna terminal of the radio transmitter-receiver while performing trouble isolation procedures: personal injury may result.

3-1. Scope

a. *General.* The troubleshooting procedures outlined in this section are to be performed at the direct support (DS) maintenance level. Complete troubleshooting procedures for the radio set beginning at the operational level which are described in TM 11-5820-509-12. The operational tests listed in the preventive maintenance checks and service charts enable the organizational maintenance technician to sectionalize some types of malfunction to specific functional units of the radio set. Additional test facilities and special maintenance equipment are available at the direct support level that provide more conclusive test results for sectionalizing the problem within a unit. Once the trouble has been sectionalized, the functional nature of the problem (whether audio, control, etc) will enable the maintenance technician to further isolate the malfunction to a particular circuit or component. When the sectionalizing test results indicate a malfunction within the receiver-transmitter subassembly, the delayed trouble-isolation procedures shown in Section II should be observed.

b. *Organization.* The first step in servicing a defective radio set is to sectionalize the fault to a specific unit or section of the equipment. In complex equipments consisting of more than one functional unit or inter-related circuitry, the fault must first be isolated to a specific unit or group of circuits within a functional unit. Once this has been accomplished, isolation to a specific circuit and then to a component level may be pursued. It is seldom possible to observe a symptom, diagnose the cause, and immediately locate the defective part unless a part shows obvious physical damage. Generally it is necessary to perform a sequence of operational checks, observations, and measurements before the problem components are isolated. This sequence of steps is called sectionalizing, localizing, and fault isolation.

c. *Sectionalizing.* The AN/PRC-47 consists of a receiver-transmitter, storage batteries, antenna systems, handset, headset, telegraph key, loudspeaker, and interconnecting cables. In all probability the organizational level will have eliminated most of the accessory items as possible trouble sources and the receiver-transmitter will remain for the direct support maintenance technician. Substitution of a suspected accessory item or a receiver-transmitter subassembly (module) with one of known integrity will often eliminate a tedious series of detailed checks and measurements. The operational tests described in the intermediate preventive maintenance checks and services portion of TM 11-5820-509-12 will aid the maintenance technician to sectionalize the source of trouble at this maintenance level.

d. *Localizing.* Once the trouble has been sectionalized to a functional unit or group of circuits, the next step is to localize it to a specific circuit within this area. In the case of the receiver-transmitter, the steps required to isolate the malfunction are relatively difficult because of the complexity and interdependency of the circuits involved. These steps are supplemented by the following general procedures.

(1) *Observation.* Observation involves a thorough understanding of the receiver-transmitter, circuits and may include such subjects as whether the fault occurs only during the transmit mode, whether the problem occurs only at certain frequencies, or whether the problem occurs only in the voice mode.

(2) *Troubleshooting Chart.* The troubleshooting charts contained in Section II assist the technician in performing bench tests on the radio. The instrumentation used for the bench tests assists the technician in performing operational evaluation of the equipment without providing cumbersome antennas and difficult test setups.

(3) *Special Tests.* Special tests including resistance and continuity measurements, signal tracing techniques and signal waveform displays

are included in section II to aid the maintenance technician in localizing an equipment malfunction.

e. *Isolation.* After the trouble has been localized to a stage or a circuit, the final step is to isolate the malfunction to a specific component. Methods for performing this procedure include:

(1) *Visual Inspection.* Examine all resistors, capacitors, vacuum tubes, transistors, coils, and other components associated with the faulty circuit for evidence of broken wires, burned insulation, and other obvious signs of physical damage.

(2) *Voltage and Resistance Measurements.* The voltage and resistance measurements provided in section II aid in determining

whether normal values are being obtained and point out the part of a specific circuit that may be defective.

(3) *Electrical Inspection.* The dc resistance of transformers and coils is shown in tabular form in section II to aid the maintenance technician in determining whether a winding is defective.

3-2. Tools, Test Equipment, and Materials Required

The following table lists the test equipment required for troubleshooting Radio Set AN/PRC-47 at the direct support maintenance level. This list also shows the technical manual identification number for each item specified.

| Test Equipment | FSN | Technical manual |
|---|---|--|
| Multimeter ME-26A/U Oscilloscope AN/USM-50 Signal Generator SG-103/URM-25F Frequency Counter AN/URM-79/U Audio Oscillator TS-382/U Dummy Load DA-75/U Cable Assembly Set AN/PRA-4 Output Meter TS-585/U Radar and Radio Repair Tool Kit TK-87/U | 6625-542-8407 6625-246-8729 5995-973-3686 | 11-6625-200-15 11-5129 11-6625-935-12 11-5017 |

Cable Assembly Set AN/PRA-4 (fig. 3-84) is used whenever the procedure requires measurement or adjustment within a module, and includes

an antenna simulator and input/output cables that simplify the bench testing procedures.

| Qty | Nomenclature | Manufacturer's part number | Use |
|-----|----------------------------------|----------------------------|--|
| 1 | Special extender cable no. 1 | 549-6255-00 | Extends Power Supply PP 3518/PRC 47 from main chassis. |
| 1 | Special extender cable no. 2 | 549-6256-00 | Extends Audio Frequency Amplifier AM 3506/PRC-47 from main chassis. |
| 1 | Special extender cable no. 3 | 549-6257-00 | Extends Oscillator Control C 4311/PRC 47 from main chassis. |
| 4 | Special extender cable no. 4 | 549 6258-00 | Extends Signal Data Translator CV 1377A/PRC 47 (4 reqd), Oscillator Control C 43 11 /PRC -47 (1 reqd), or Amplifier Modulator AM 3507/PRC-47 (1 reqd) from main chassis. |
| 1 | Special extender cable no. 5 | 549-6259-00 | Extends Amplifier-Modulator AM-3507/PRC 47, or Radio Frequency Oscillator O 1032/PRC-47 from main chassis. |
| 1 | Front panel test lead. | 549-6260-00 | Extends AUDIO connectors to test microphone and speaker. |
| 1 | Antenna test lead | 549-6261-00 | Connects to 50-ohm dummy load. |
| 1 | RG-58/U coaxial cable 3 ft. long | 553-9759-002 | Connects antenna simulator to 50-ohm dummy load. |
| 1 | RG-58/U coaxial cable 5 ft. long | 553-9760-002 | Connects antenna simulator to test equipment. |
| 1 | Adapter, BNC to Type N coax | 357-9291-00 | Transition fitting between RG-58/U and dummy load. |
| 1 | Antenna simulator | 553-9758-005 | Simulates 15-foot whip antenna when connected to 50-ohm load. 12 position switch selects operating frequency. |
| 1 | Canvas carrying case | 553-9764-003 | Bag to store and transport Cable Assembly Set An/PRA-4. |

Section II. DIRECT SUPPORT TROUBLESHOOTING

3-3. Overall

a. General. When a malfunction of the radio set occurs, the first step in correcting the deficiency is to sectionalize the cause to a specific functional area in the equipment. The tests at operational and organizational-level have undoubtedly isolated the malfunction to circuits within Radio Receiver-Transmitter RT-671/PRC-47. The sectionalizing tests listed below are arranged in an order of increasing circuit complexity and mechanical disassembly requirements within four major functional areas of the radio set. These areas contain the power supply, frequency generation, receiver-transmitter, and relay circuits. When performed in the order listed, these tests provide the maintenance technician with an orderly approach to the isolation of defective circuits and modules within the interrelated transceiver subassembly. Test jacks are installed in the top of each module that permit connection of test instruments to these circuits so that evaluation can be made of the signals and voltage levels. Similar test points and jacks are accessible from the bottom of the main chassis that permit connection of test instruments to the power amplifier and selected primary power circuits.

b. Use of Charts. The voltage and resistance charts and the waveform diagrams shown in this section provide the maintenance technician with a go/no-go criteria that will assist him in locating the circuit deficiency and permit him to restore the circuit parameters to values within the tolerances specified. Before proceeding to any chart, the technician must establish the conditions for the test that are indicated, must perform the initial equipment connections, and establish the radio set operating conditions called for in the procedure. Using this approach, the technician may enter the chart at any functional area and proceed through only that portion of the procedures that are required to correct the deficiency.

(4) Short Circuit Test.

| Point of measurement | Normal indication | Isolating procedure |
|---|--------------------------|---|
| Between A5J1 (fig. 3-4, 3-111 and chassis ground, | 40.000 ohms | (Will depend on setting of A5R4). Very low reading, improper adjustment of A5R4 or short at driver grid (A3C293). High reading may indicate A5R4 open. |
| Between A5J2 and chassis ground. | 50,000 ohms | (Will depend on setting of A5R3). Very low reading, shorted feedthru C26 or inductor L122 in pa compartment. defective XMTR PWR switch or shorted plate bypass C123. High reading may indicate A5R3). open. |
| Between A5J3 and chassis ground. | 10 ohms | Very low reading: shorted C208, C221, or C235 in FL2. shorted primary at T3, or short in filament bypass C104. High reading may indicate open winding at T1, defective tube V101, or open hum balance control R121. |

3-4. Troubleshooting Radio Receiver-Transmitter RT-671/PRC-47 (A8)

CAUTION

Do not apply power to the receiver-transmitter unless operational trouble symptoms are known and are of such a nature as to eliminate the possibility of further damage when the power is applied.

a. Testing for Shorts.

(1) When to Check. When any of the following conditions apply, check for short circuits and repair any existing deficiency before applying power to the receiver-transmitter.

(a) When the receiver-transmitter is being serviced and the fault symptoms are unknown.

(b) When an inspection of fuses F1 through F5 shows that a fuse has blown.

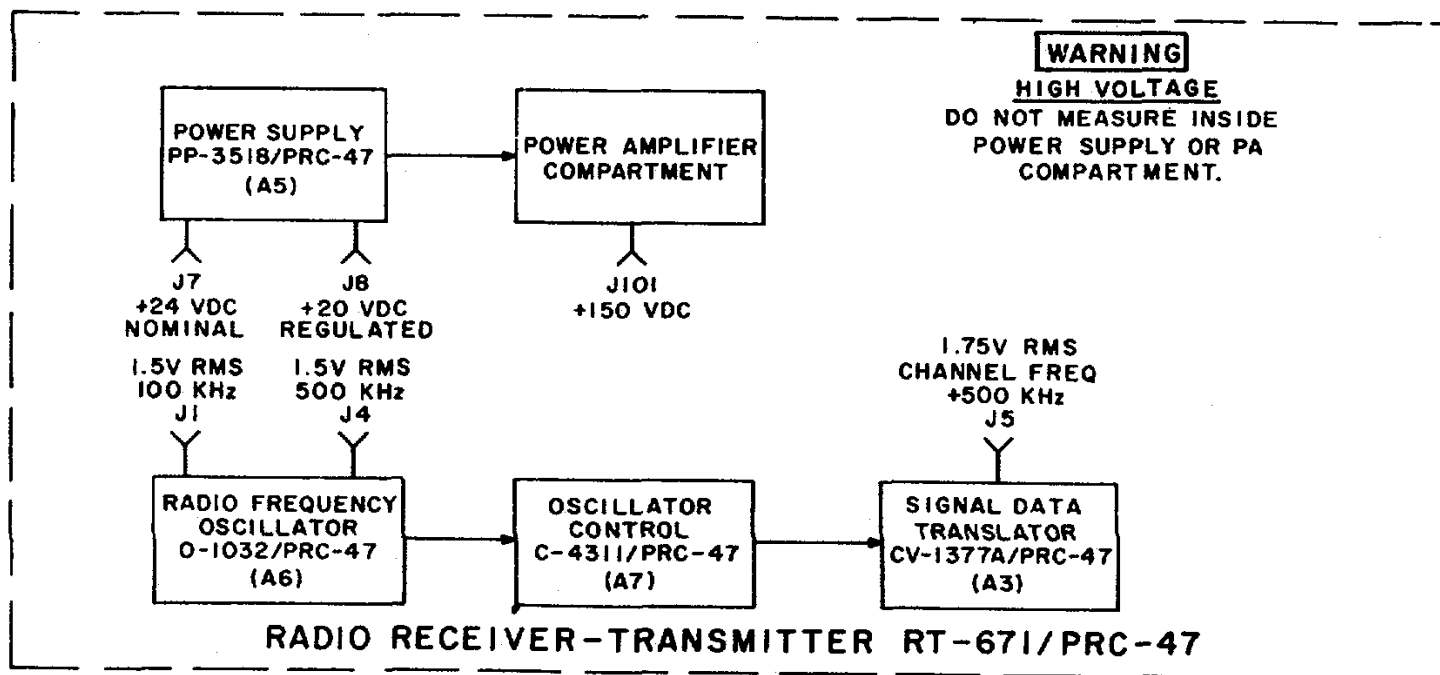
(2) Conditions for Tests.

(a) Disconnect all cables from the front panel of the receiver-transmitter.

(b) Remove the dust cover from the receiver-transmitter using the procedure of paragraph 3-11.

(3) Measurements. Using the multimeter, make the resistance measurements shown in the chart below. Unless otherwise indicated in the point of measurement column of this chart, all resistance measurements are made from the test point shown to chassis ground. The normal indication shown is an average value and may vary from one unit to another and from one multimeter to another. Any reading that disagrees widely from the value shown will cause the maintenance technician to proceed to the isolating procedure indicated. Location of a defective part must initiate the repair procedure shown in section IV.

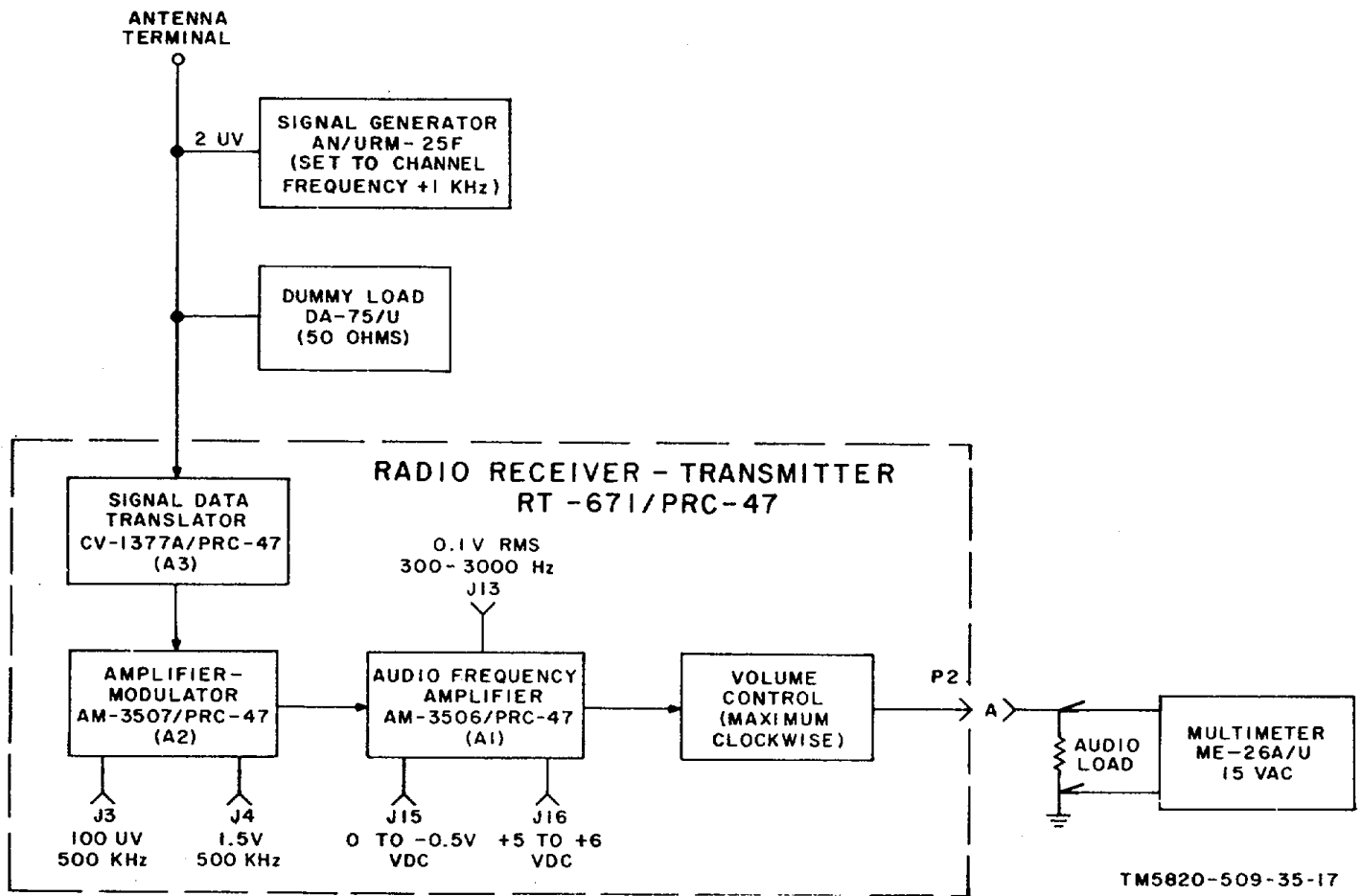
| Point of measurement | Normal indication | Isolating procedure |
|----------------------------------|-------------------|--|
| Between A5J4 and chassis ground. | 15 ohms | Very low reading, shorted C207, C220, or C234 in FL2, shorted primary of T3, or short in filament bypass C103, or defective ac power control relay K2. High reading may indicate open winding at T1. |
| Between A5J7 and chassis ground. | 15 ohms | Very low reading, shorted filter capacitor C25, C26, C28, or C29, shorted R14 or defective voltage regulator assembly TB1. High reading may indicate open inductor L1. |
| Between A5J8 and chassis ground. | 30 ohms | Very low reading, shorted filter capacitor C27, transistor Q3, or short in other modules. High reading defective voltage regulator assembly TB1. |
| Between A5J9 and chassis ground. | 8 ohms | Very low reading, shorted filter capacitor C25, C26, C28, or C29, shorted R14 or defective low-voltage rectifier CR26 through CR29. High reading, open inductor L1. |
| Between A5J10 and chassis ground | Infinity | A low reading may indicate a short on the 115-volt, 400-Hz primary power source.. |
| Between A5J11 and chassis ground | Infinity | A low reading may indicate a short on the 115-volt, 500-Hz primary power source. |
| Between A6J2 and chassis ground. | 200 ohms | A low reading: shorted filter capacitor A6C37, A6C36, bypass capacitors A7C4, A7C9, A7C20, A2C19. High reading may indicate open inductor A6L9. |



NOTE:
 USE ME-30/U FOR MEASUREMENTS.

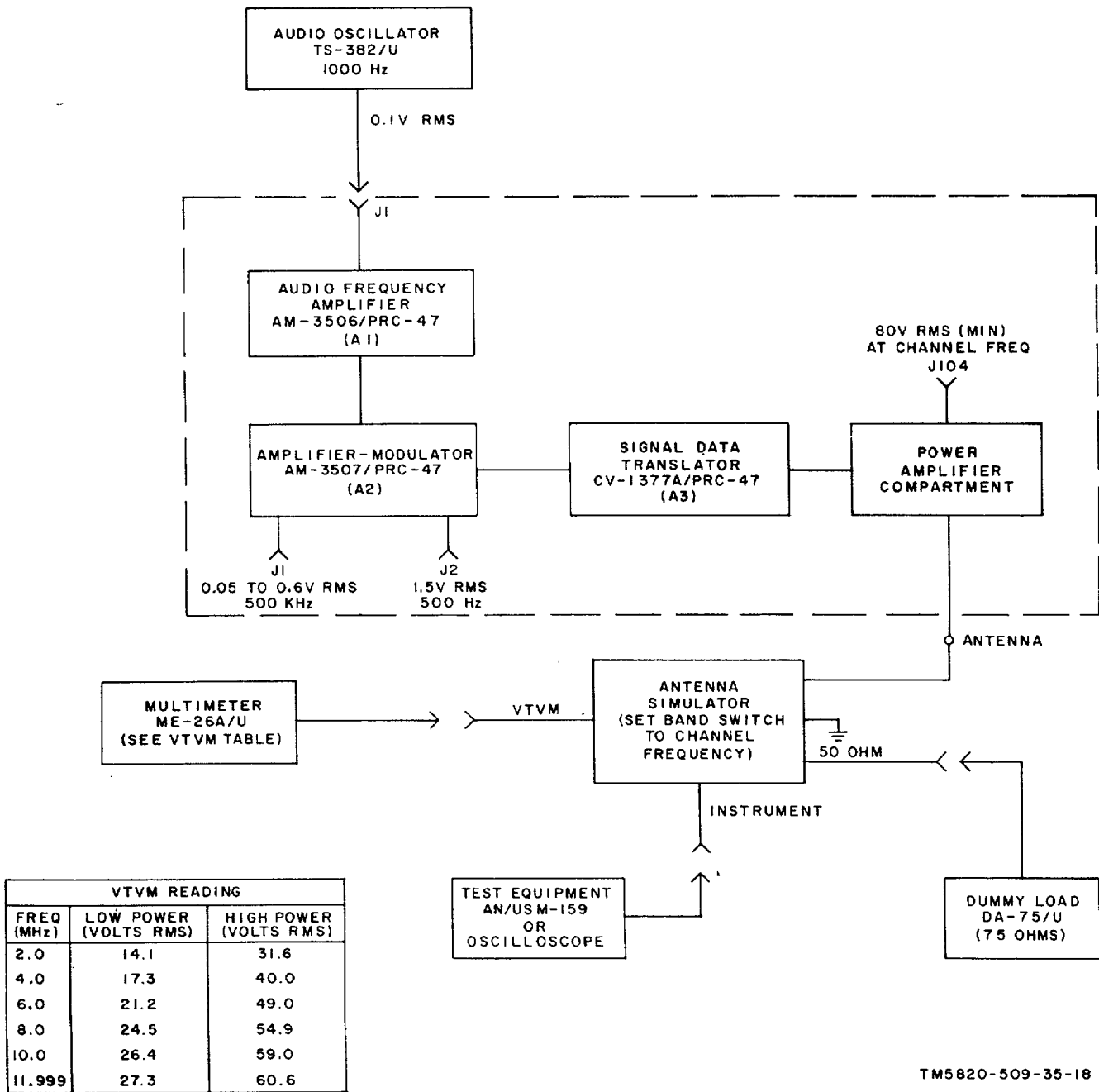
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Figure 3-1. Preliminary Troubleshooting Diagram.



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Figure 3-2. Receiver Tests, Troubleshooting Test Setup.



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Figure 3-3. Transmitter Tests, Troubleshooting Test Setup.

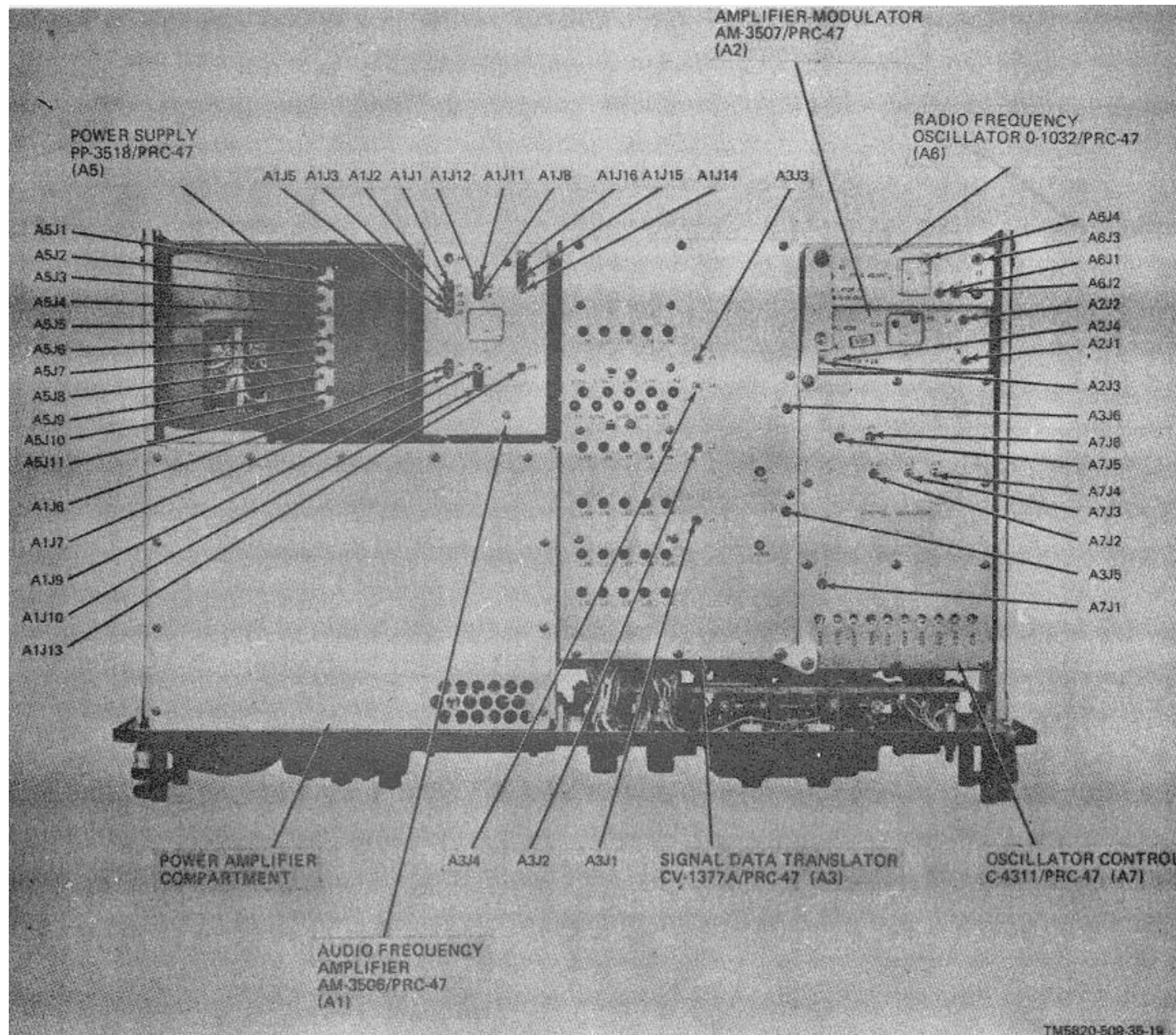


Figure 3-4. Radio Receiver-Transmitter RT-671/PRC-47 (A8), Top View, Location of Assemblies and Test Points.

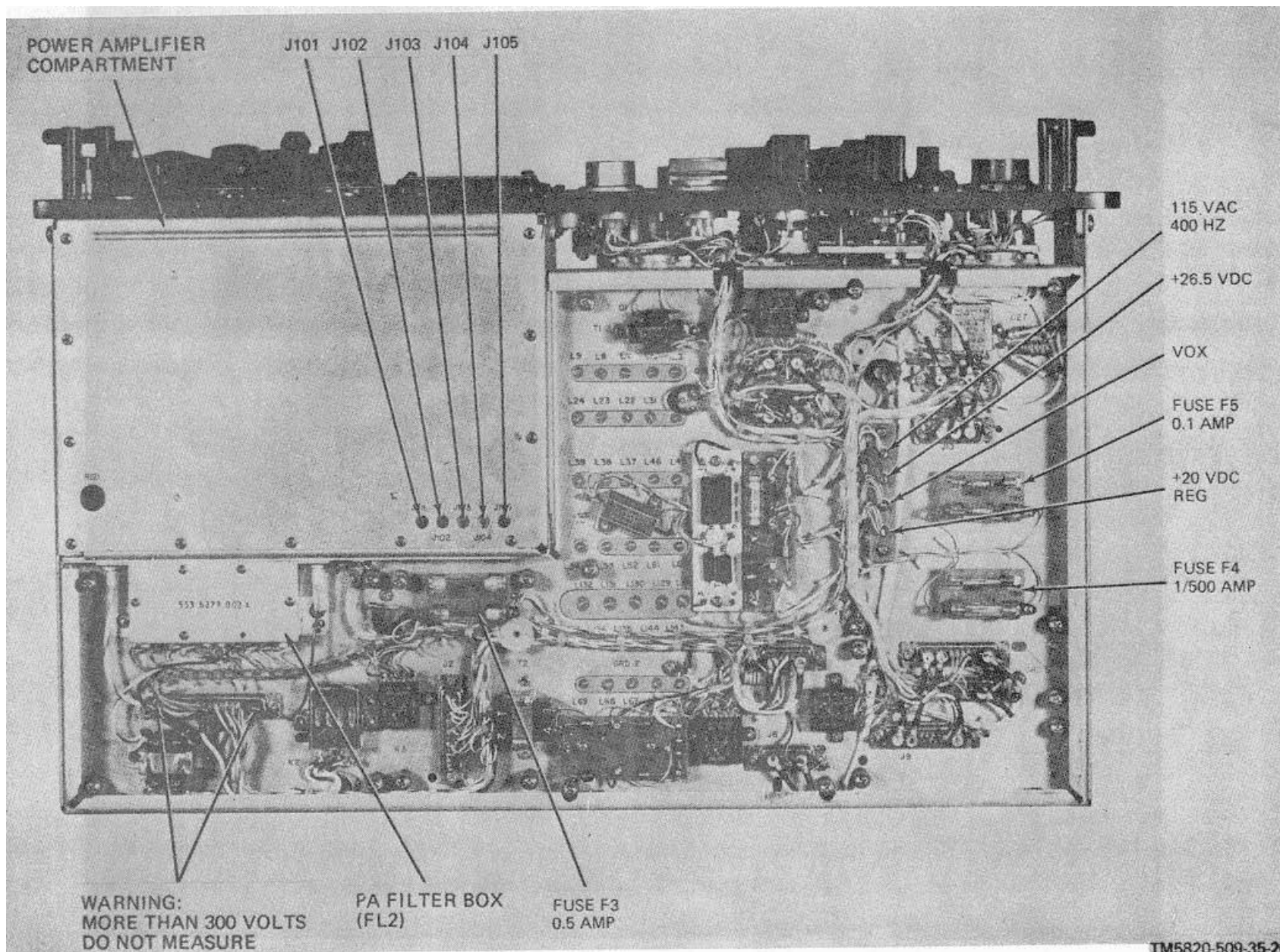
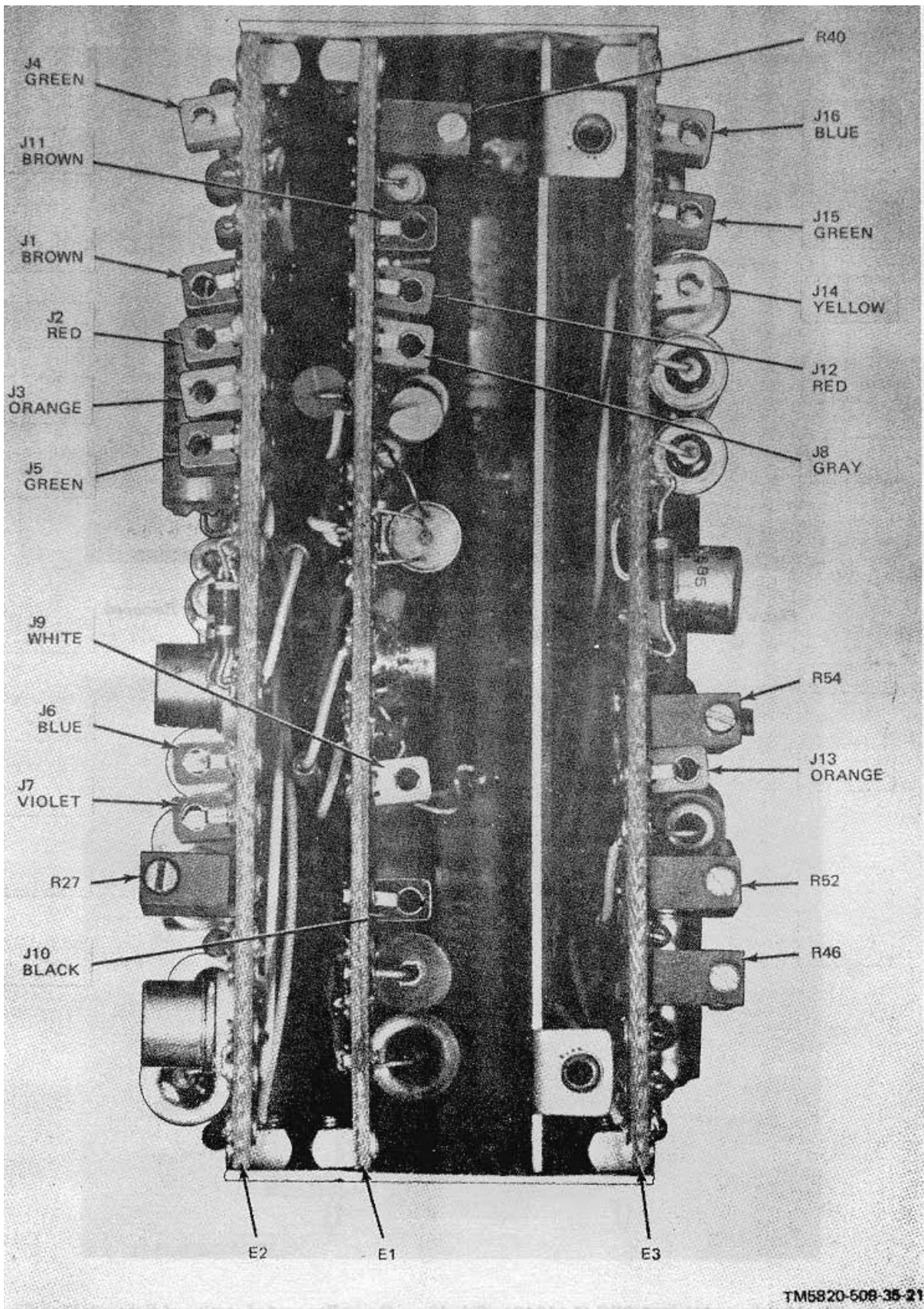


Figure 3-5. Radio Receiver-Transmitter RT-671/PRC-47 (A8), Bottom View, Location of Assemblies and Test Points.



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Figure 3-6. Audio Frequency Amplifier AM-3506/PRC-47 (A8A1), Top View, Cover Removed, Location of Subassemblies and Test Points..

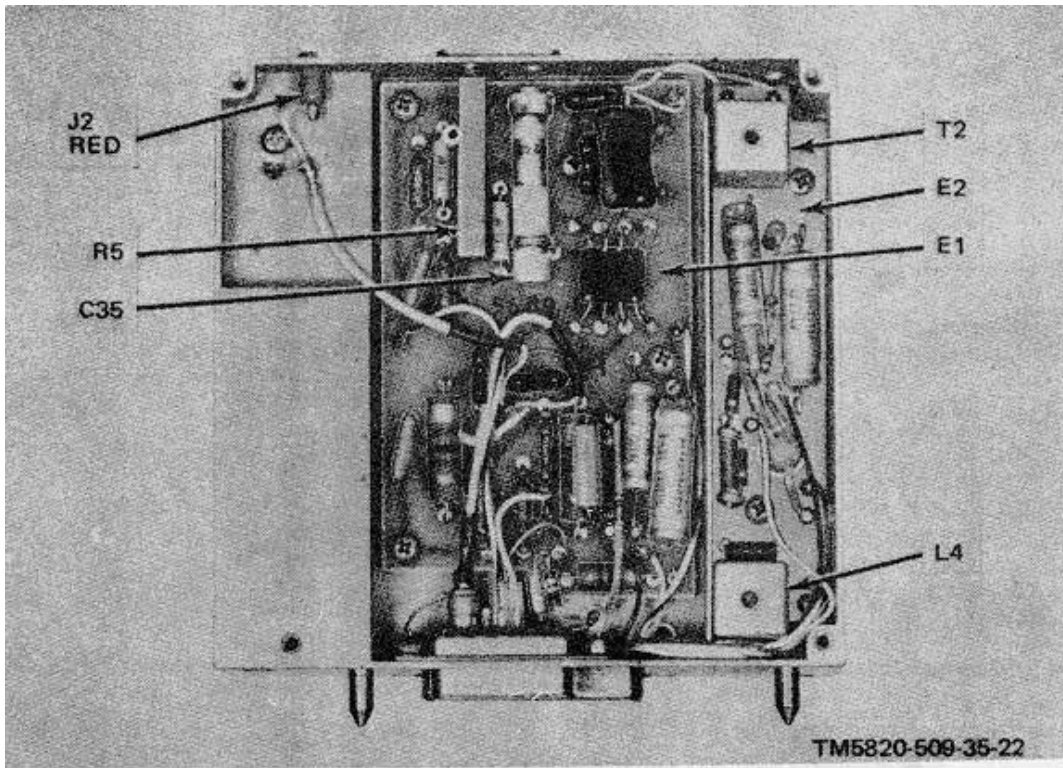


Figure 3-7. Amplifier-Modular AM-3507/PRC-47 (A8A2), Side View, Cover Removed, Location of Subassemblies E1 and E2 and Test Points

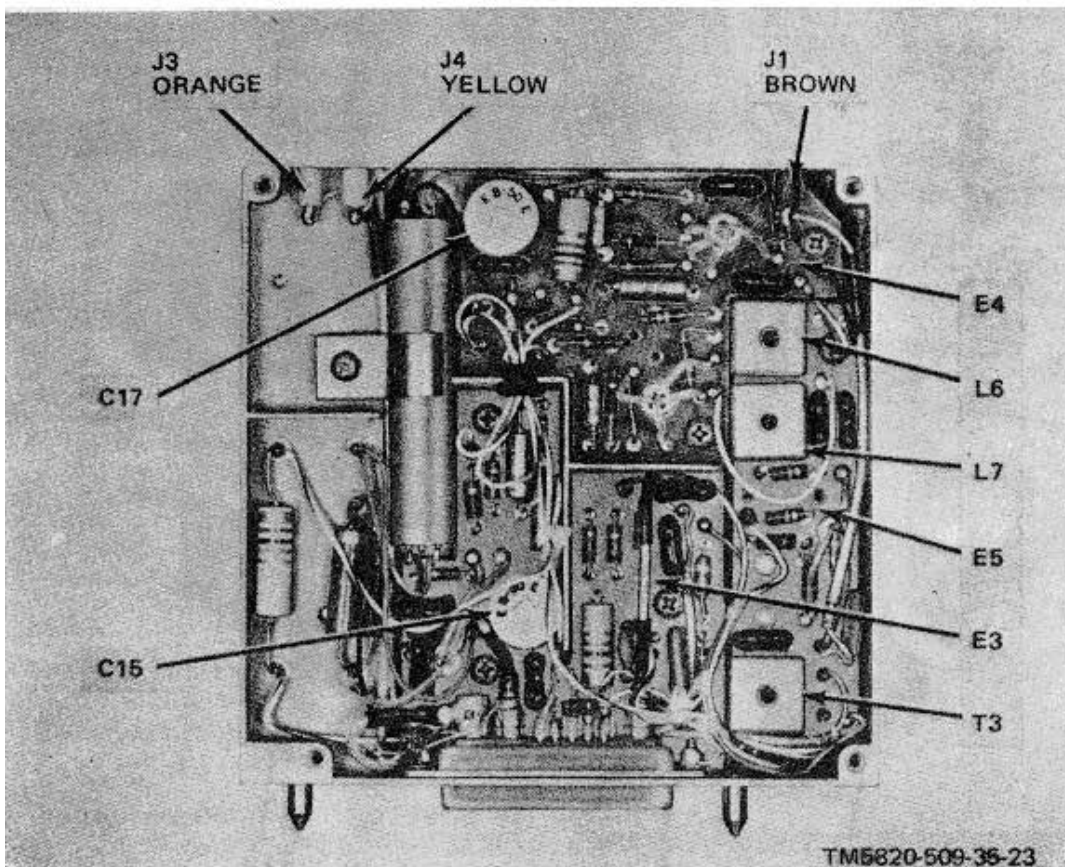


Figure 3-8. Amplifier-Modular AM-3507/PRC-47 (A8A2), Side View, Cover Removed, Location of Subassemblies E3, E4 and E5 and Test Points

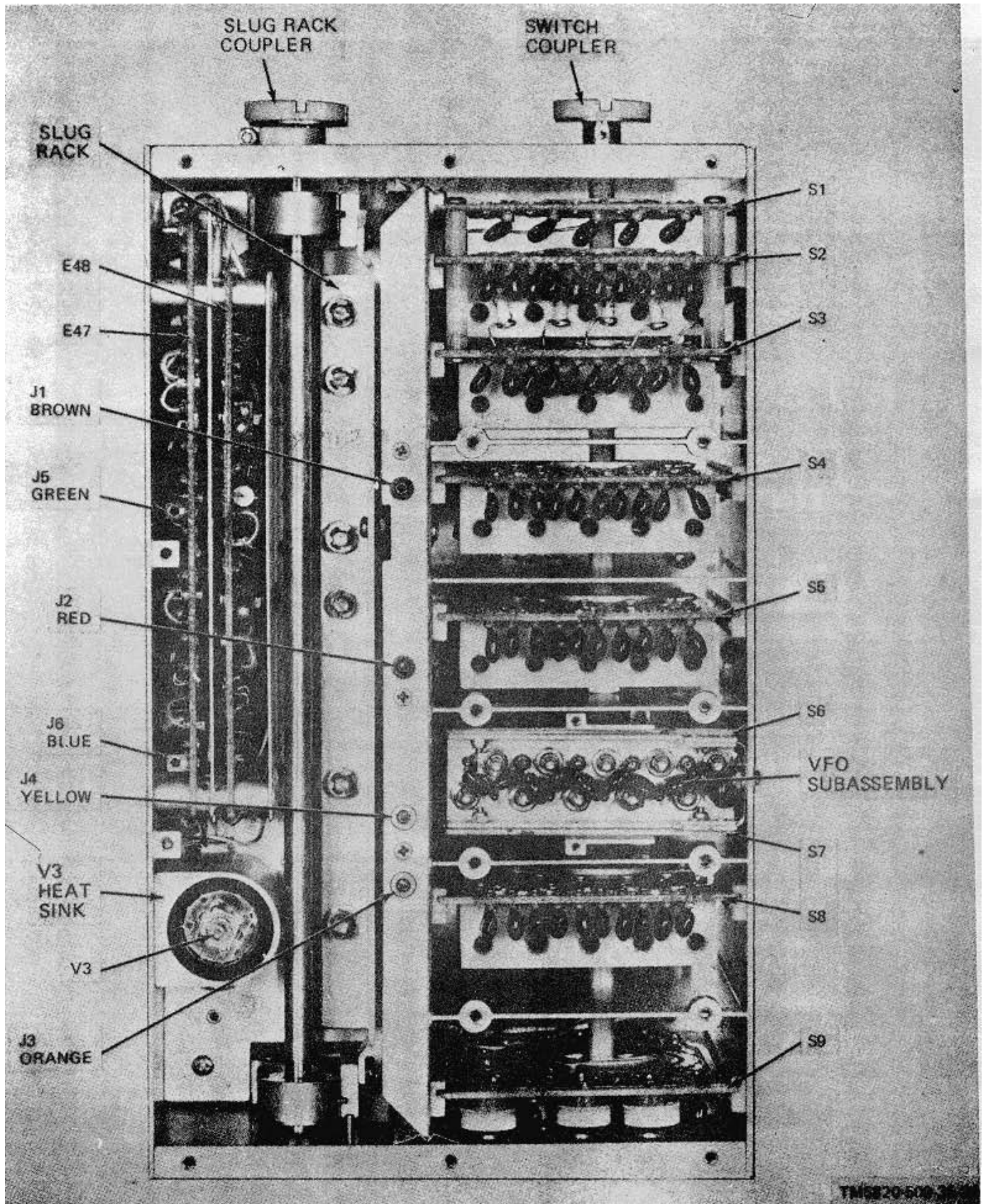


Figure 3-9. Signal Data Translator CV 1377/PRC-47 (A8A3), Top View, Location of Subassemblies and Test Points.

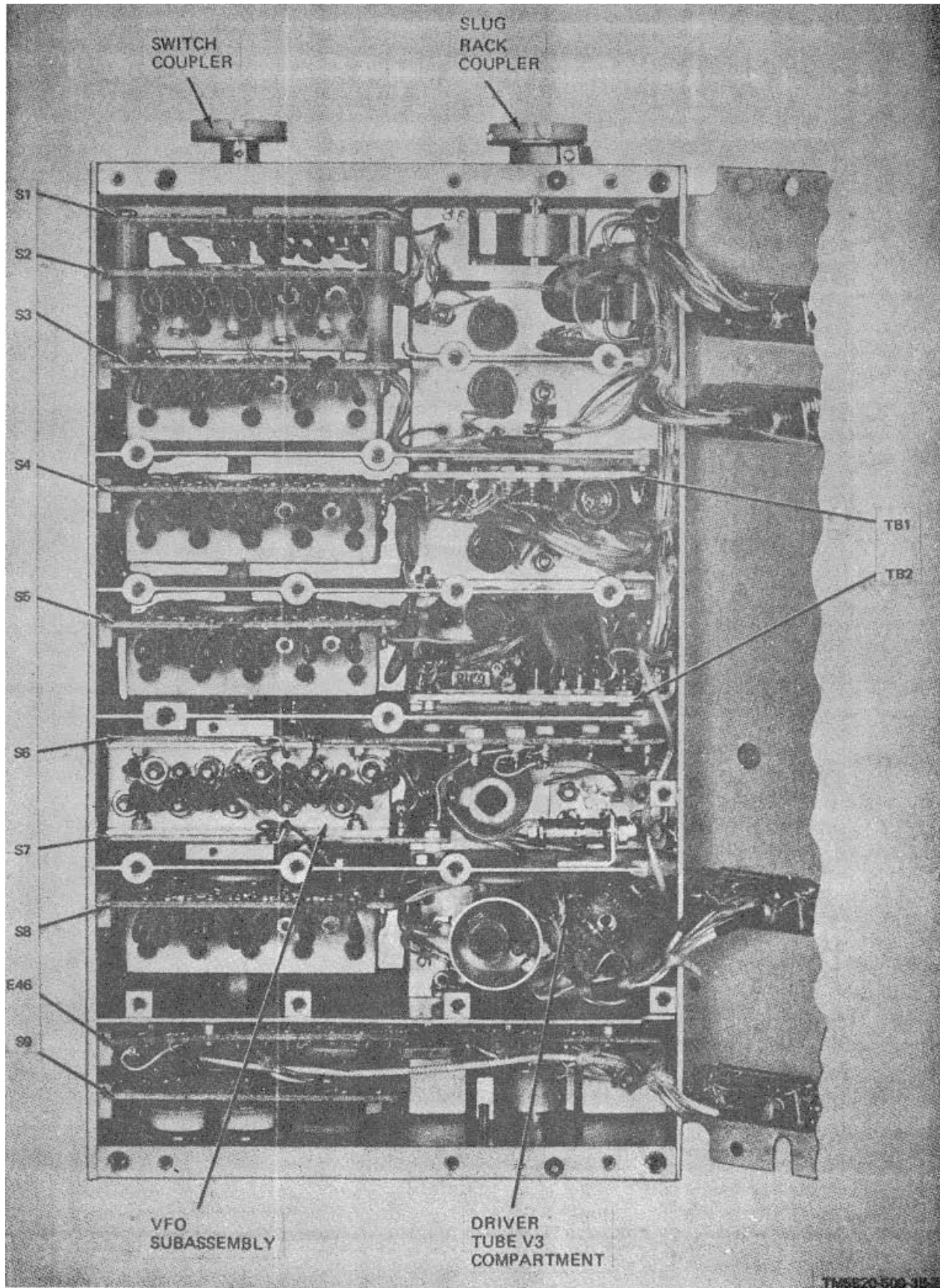


Figure 3-10. Signal Data Translator CV-1377A PRC-47 (A8A3), Bottom View, Location of Subassemblies.

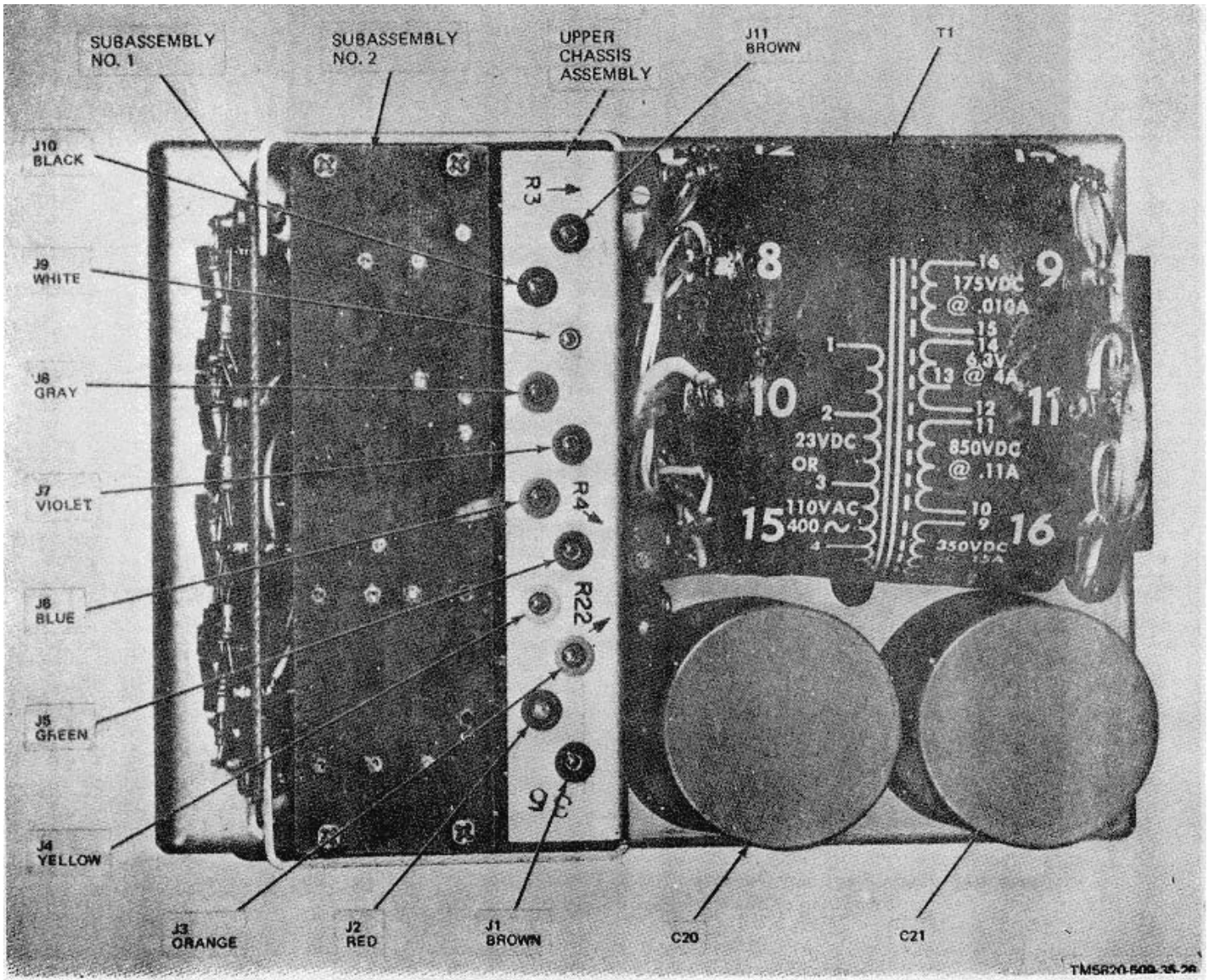


Figure 3-11. Power Supply PP-3518/PRC-47 (A8A5), Top View, Cover Removed, Location of Subassemblies and Test Points.

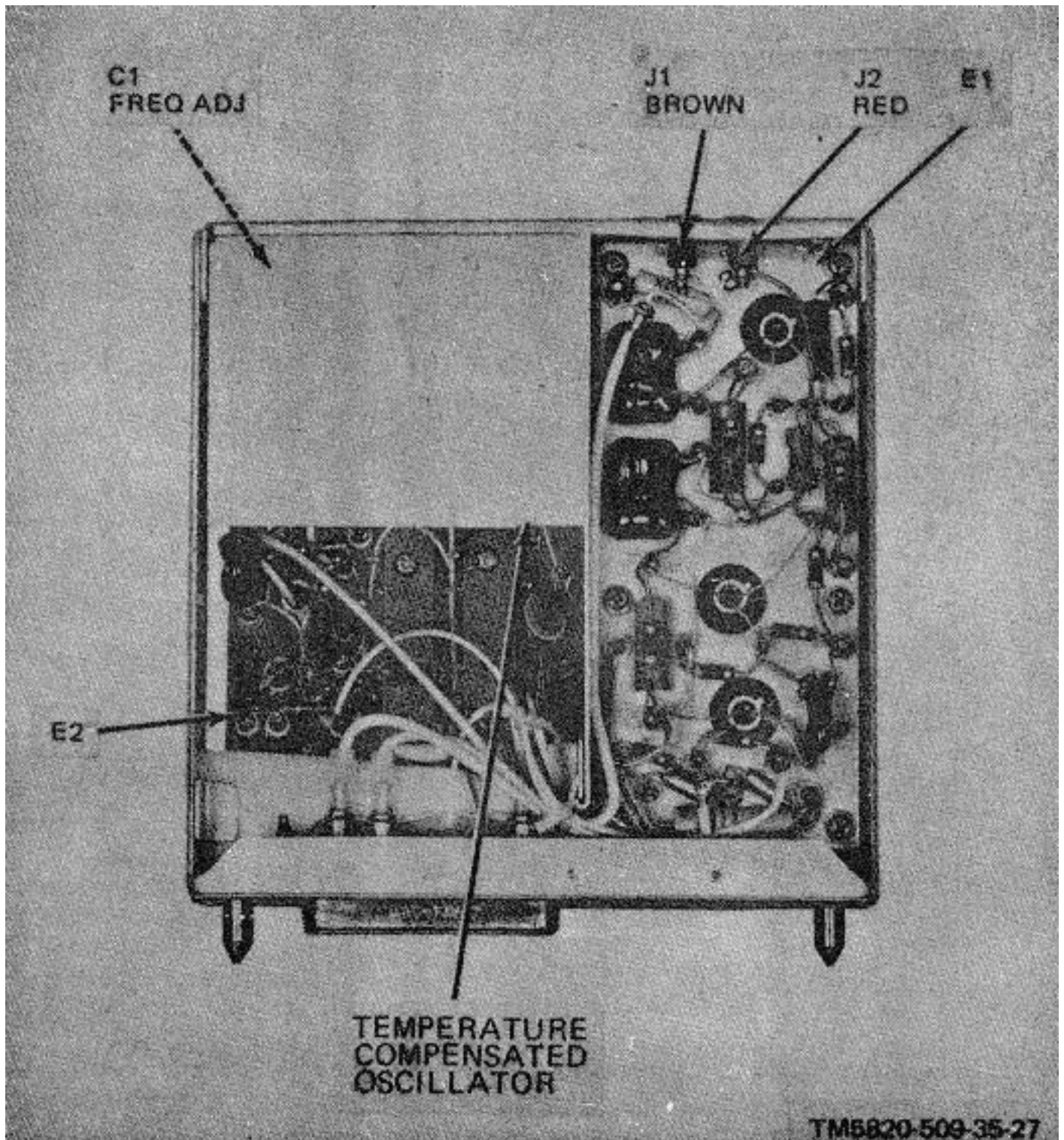


Figure 3-12. Radio Frequency Oscillator O-1032/PRC-47 (A8A6), Side View, Cover Removed, Location of Subassemblies E1 and E2, and Test Points.

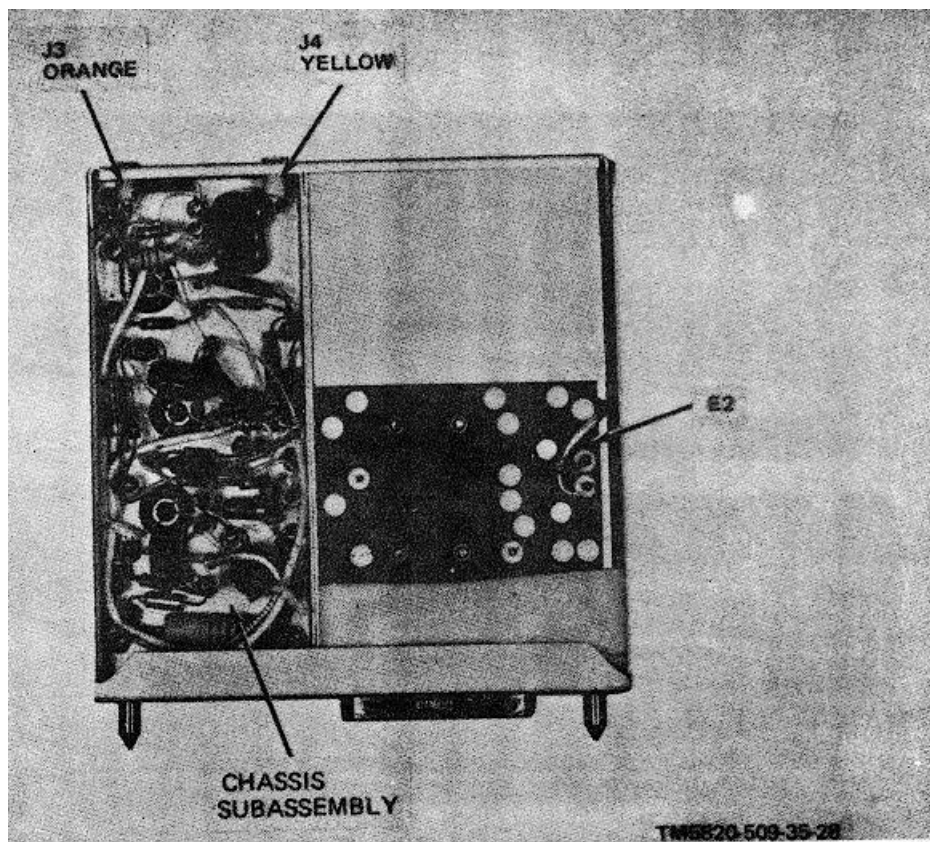


Figure 3-13. Radio Frequency Oscillator O-1032/PRC-47(A8A6), Side View, Cover Removed, Location of Chassis Subassembly and Test Points.

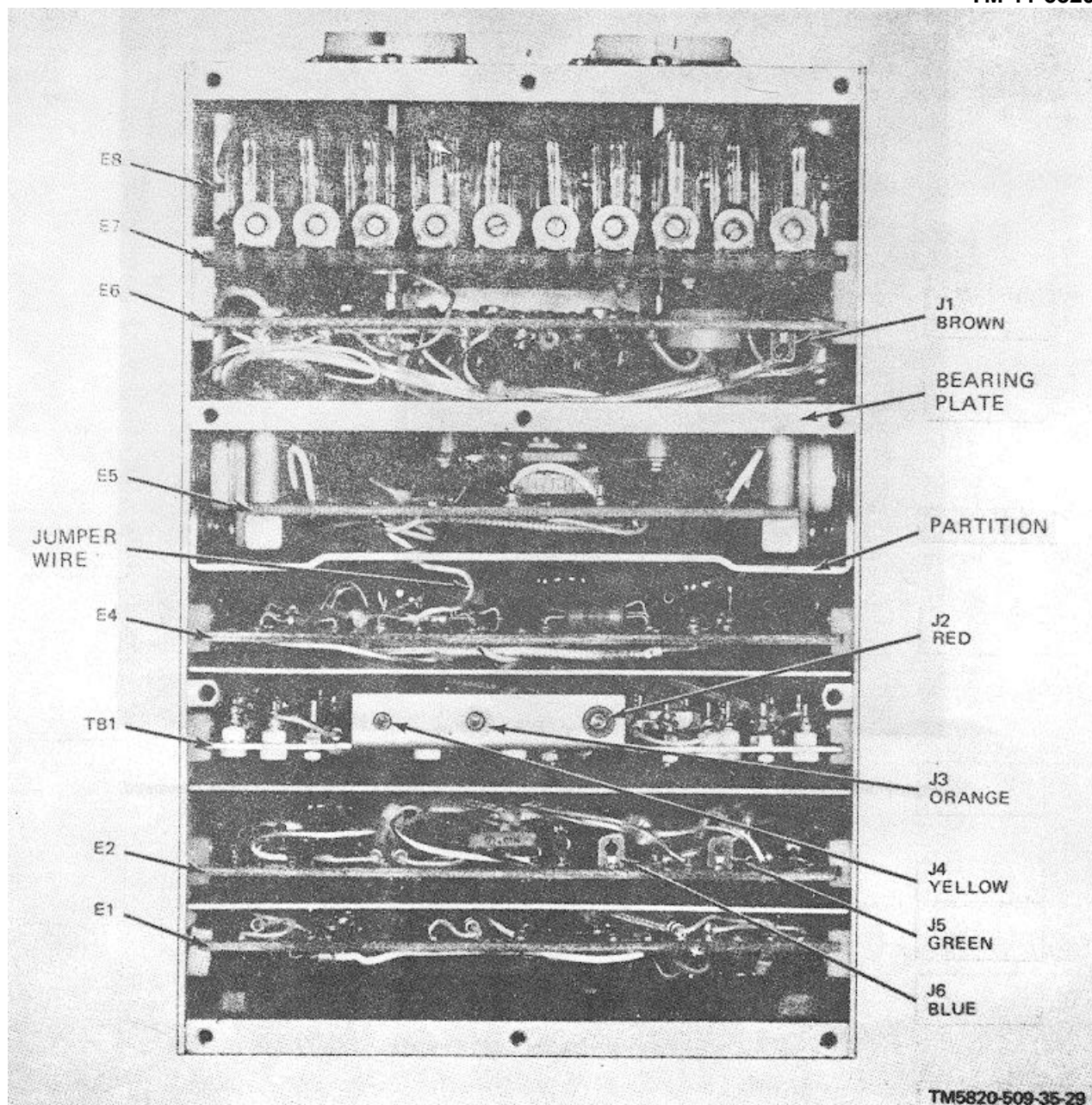


Figure 3-14. Oscillator Control C-4311/PRC-47 (A8A7), Top View, Cover Removed, Location of Subassemblies and Test Points.
3-16

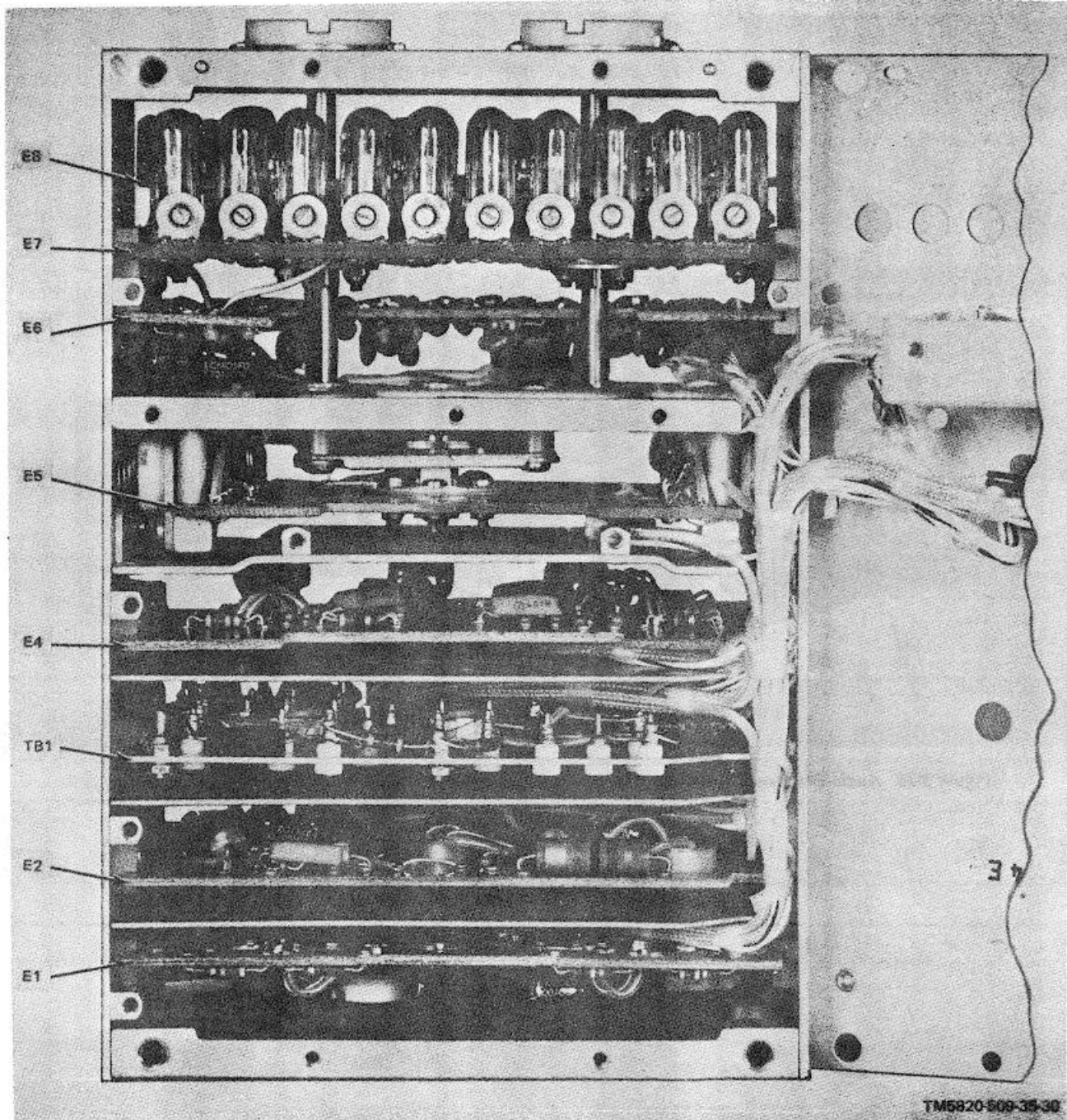


Figure 3-15. Oscillator Control C-4311/PRC-47(A8A7), Bottom View, Location of Subassemblies.
3-17

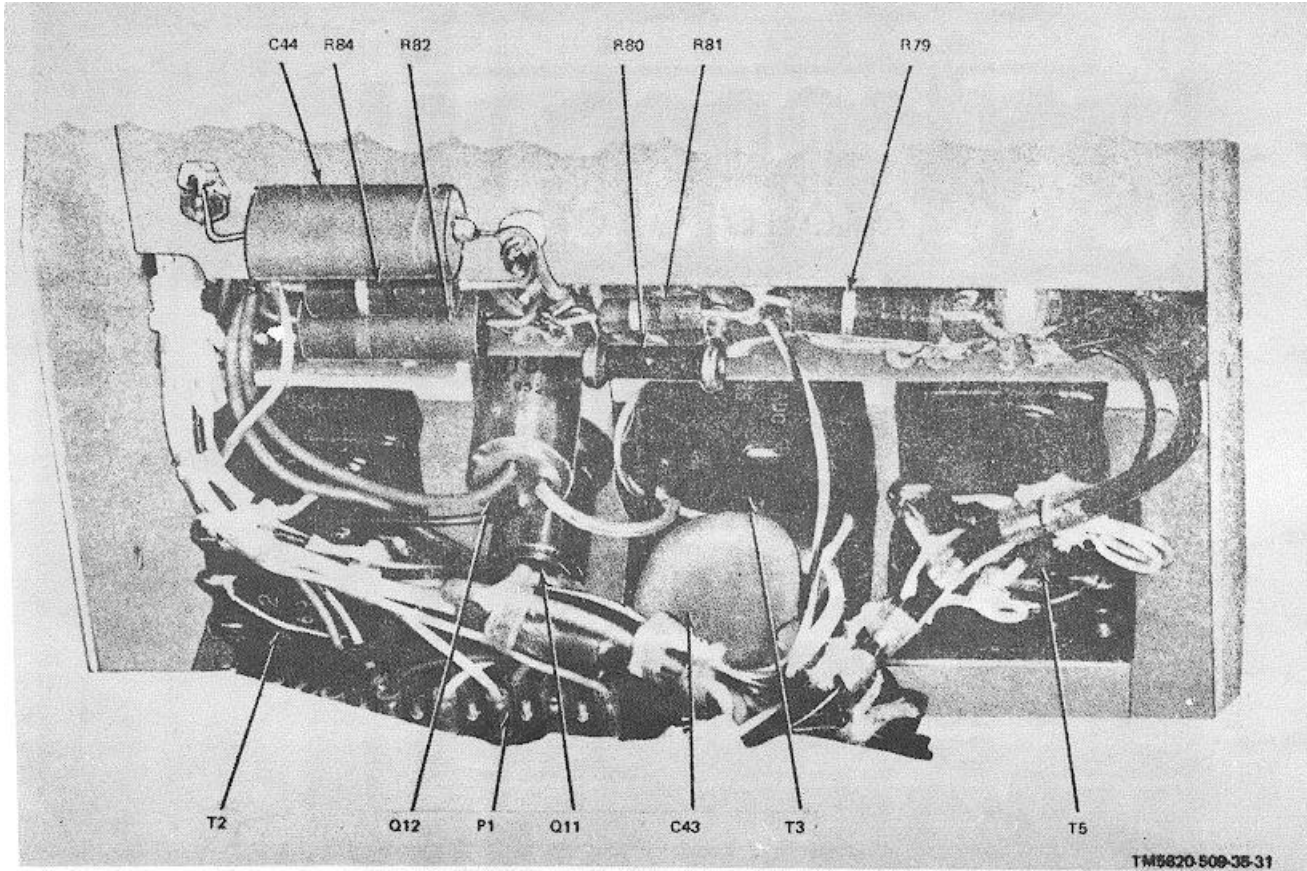


Figure 3-16. Audio Frequency Amplifier AM-3506/PRC-47(A8A1), Cover Removed, Chassis Subassembly.
3-18

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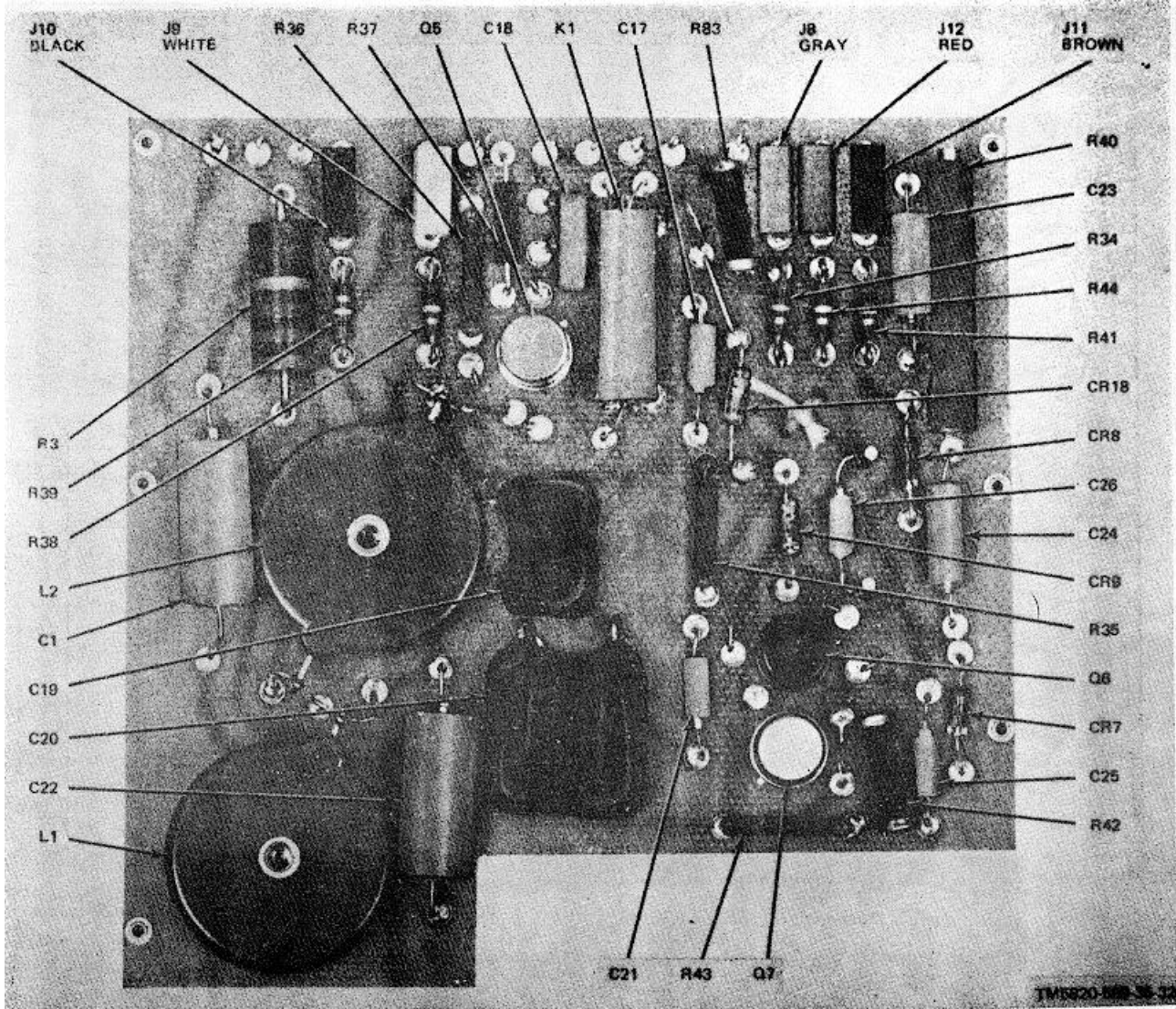


Figure 3-17. Audio Frequency Amplifier AM-3506/PRC-47(A8A1), Cover Removed, Subassembly E1.
3-19

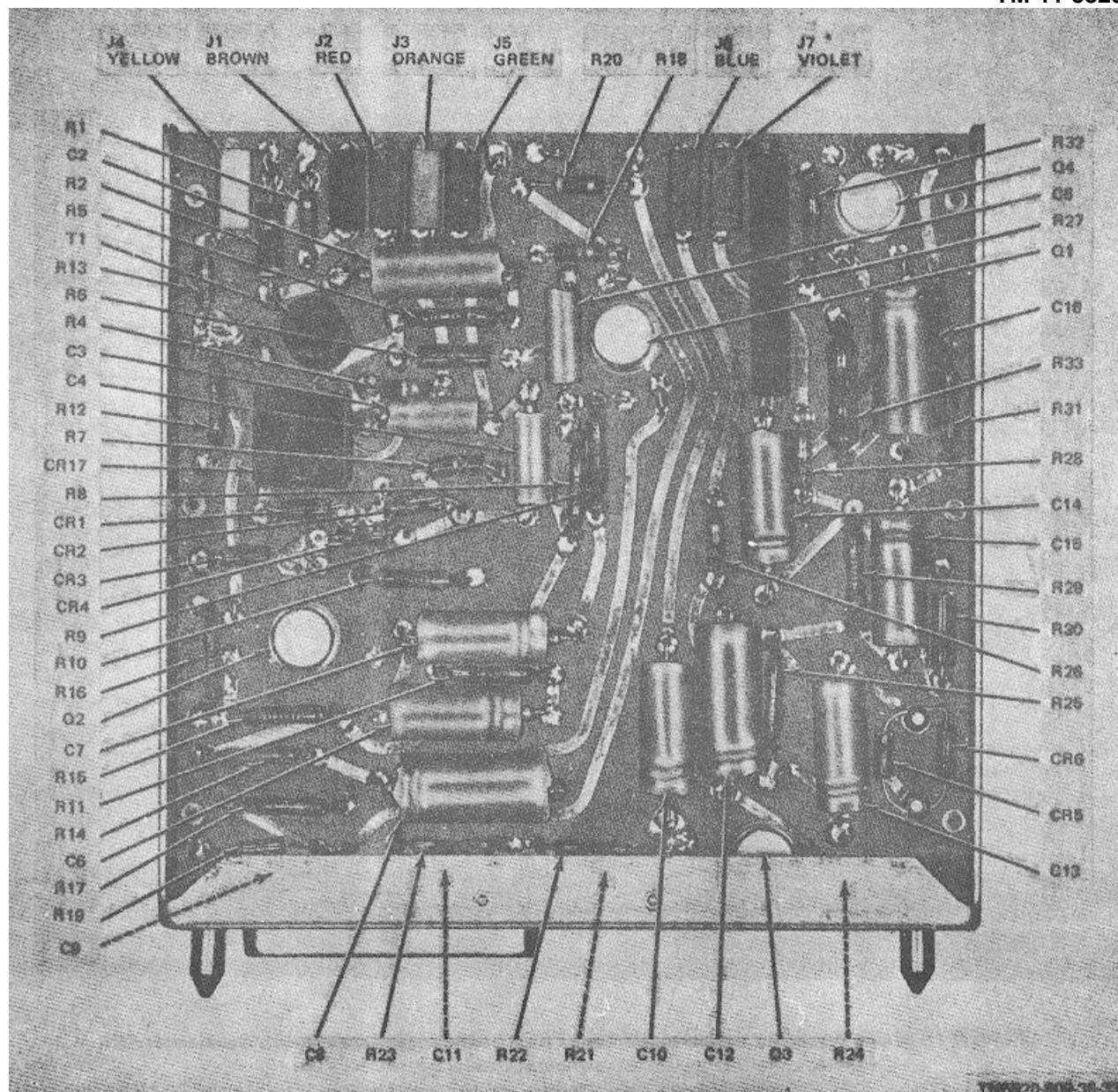


Figure 3-18. Audio Frequency Amplifier AM-3506/PRC-47 (A8A1), Cover Removed, Subassembly E2.
3-20

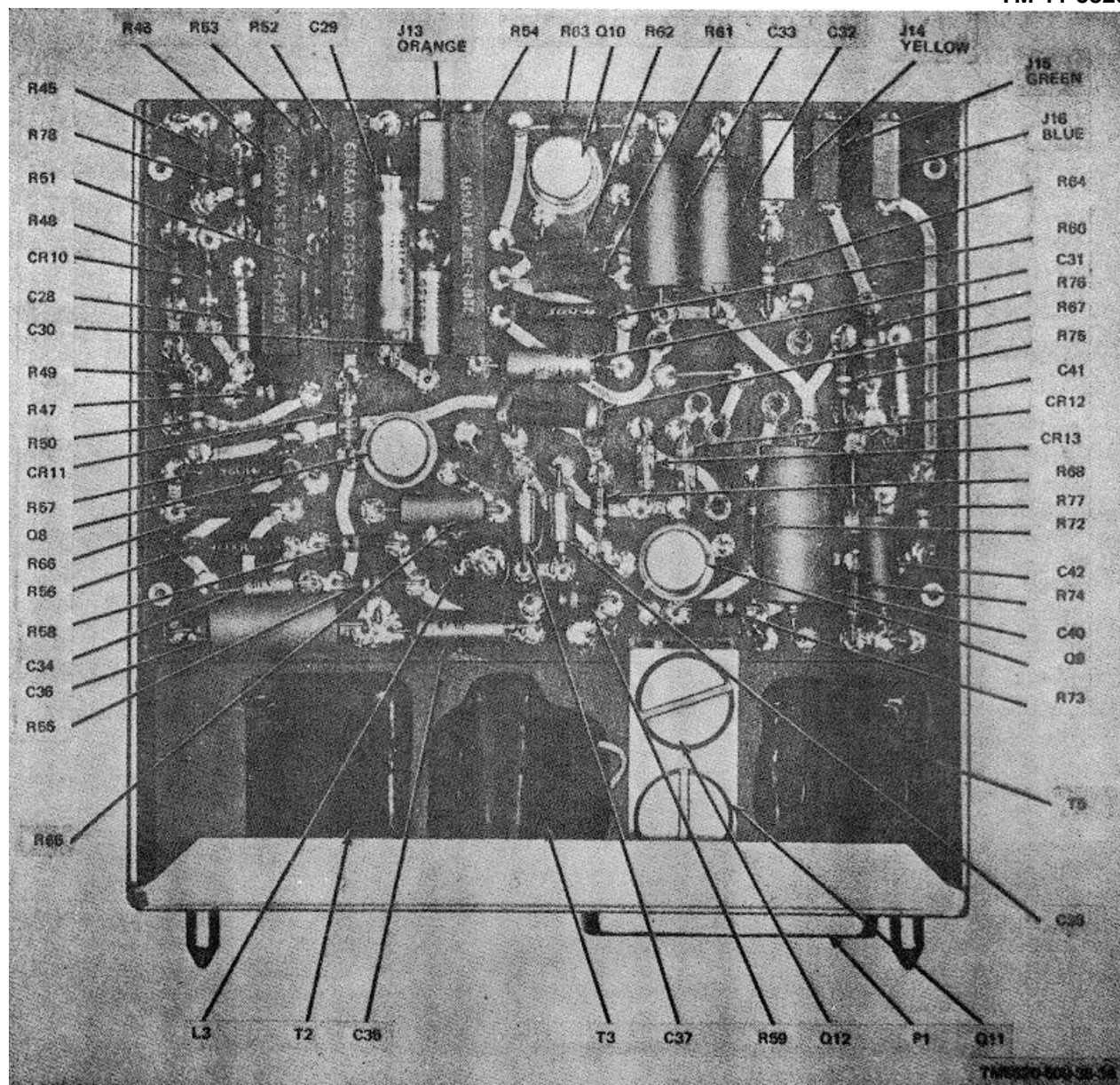


Figure 3-19. Audio Frequency Amplifier AM-3506/PRC-47 (A8A1), Cover Removed, Subassembly E3.
3-21

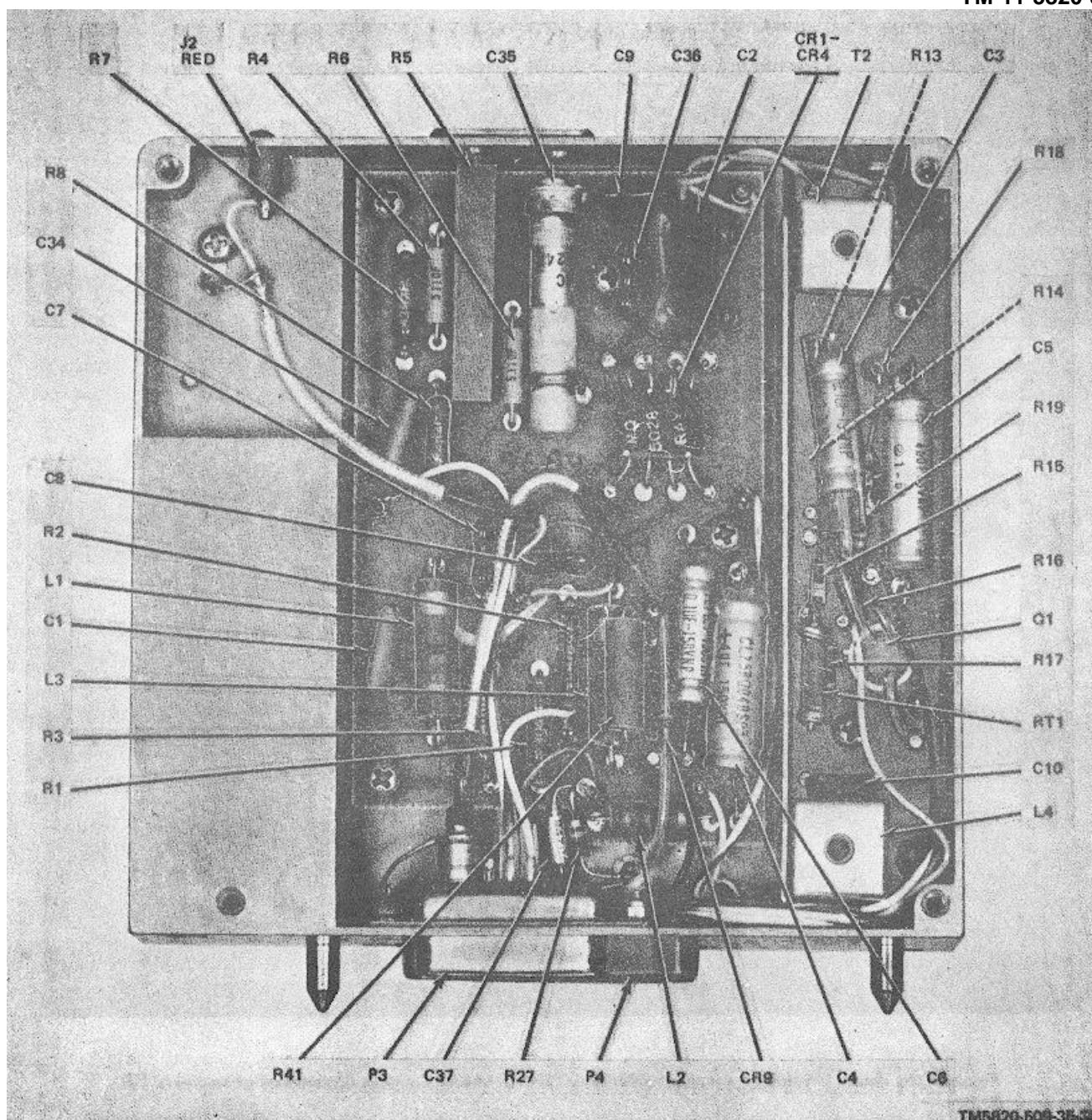


Figure 3-20. Amplifier-Modulator AM-3507/PRC-47(A8A2), Cover Removed, Subassemblies E1 and E2.
3-22

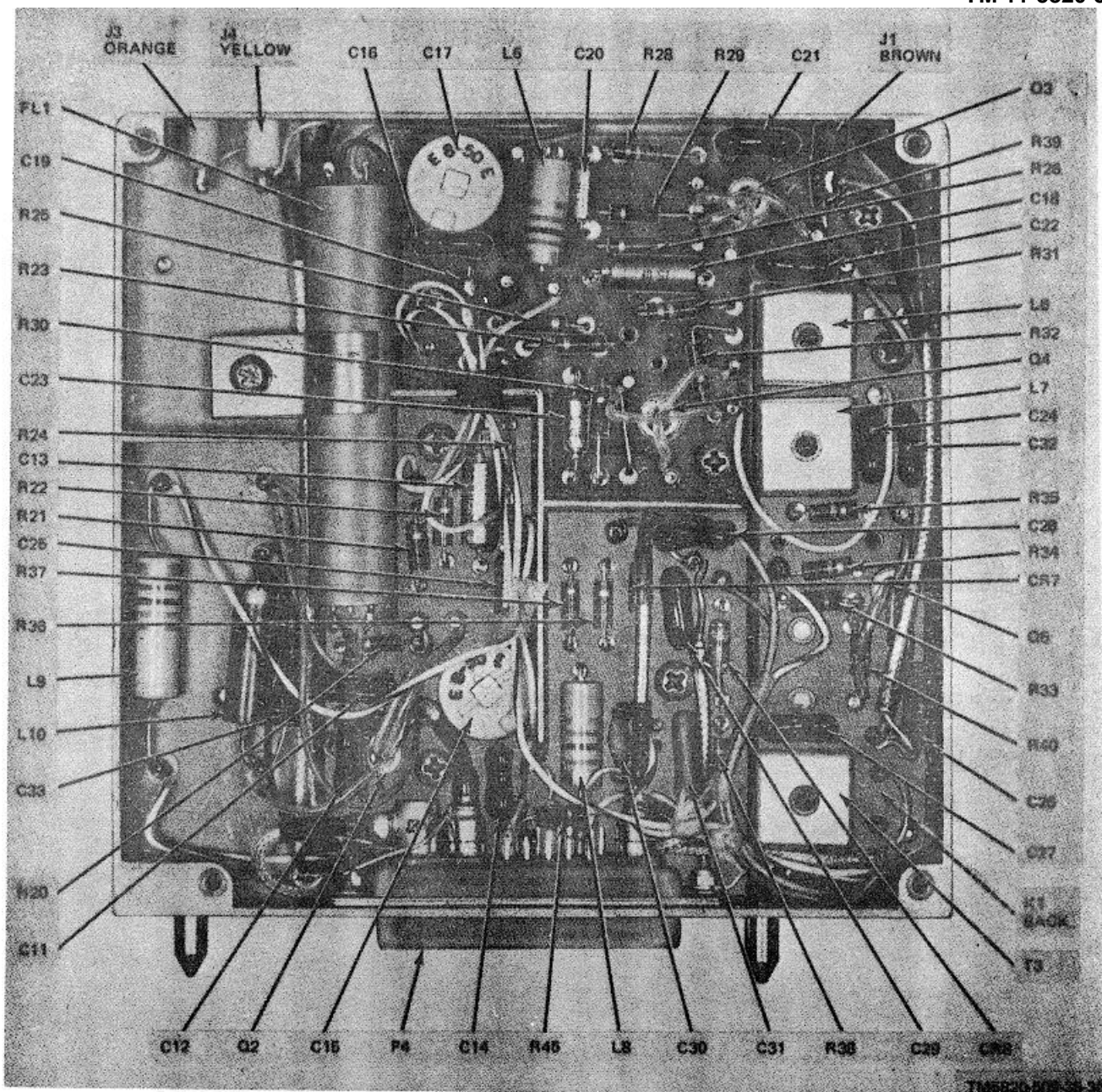


Figure 3-21. Amplifier-Modulator AM-3507/PRC-47 (A8A2), Cover Removed, Subassemblies E3, E4, and E5.

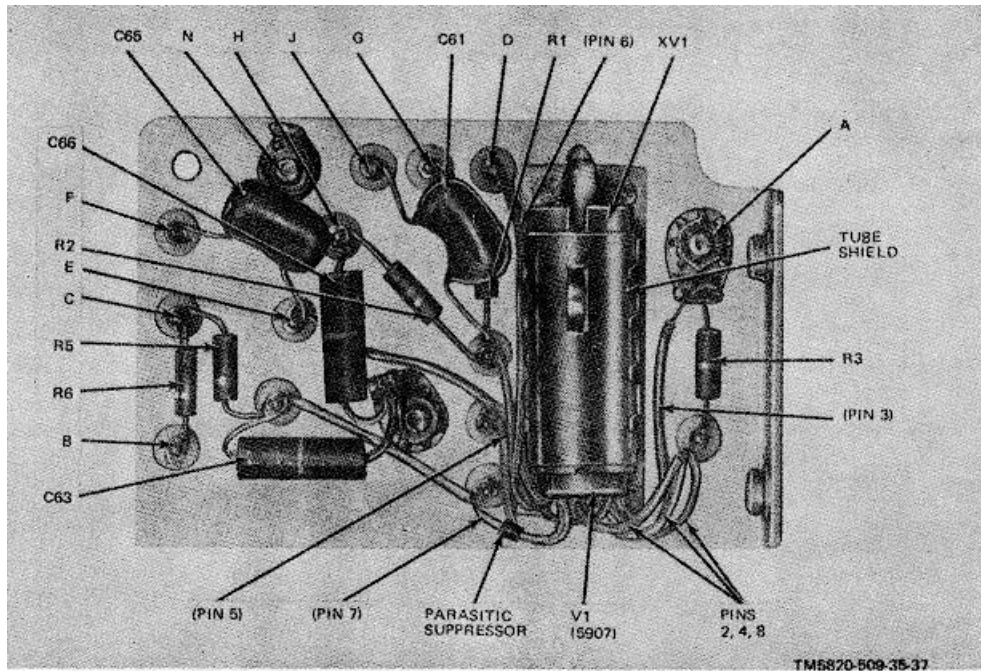


Figure 3-22. Signal Data Translator CV-1377A/PRC-47 (A8A3), Card Assembly TB1.

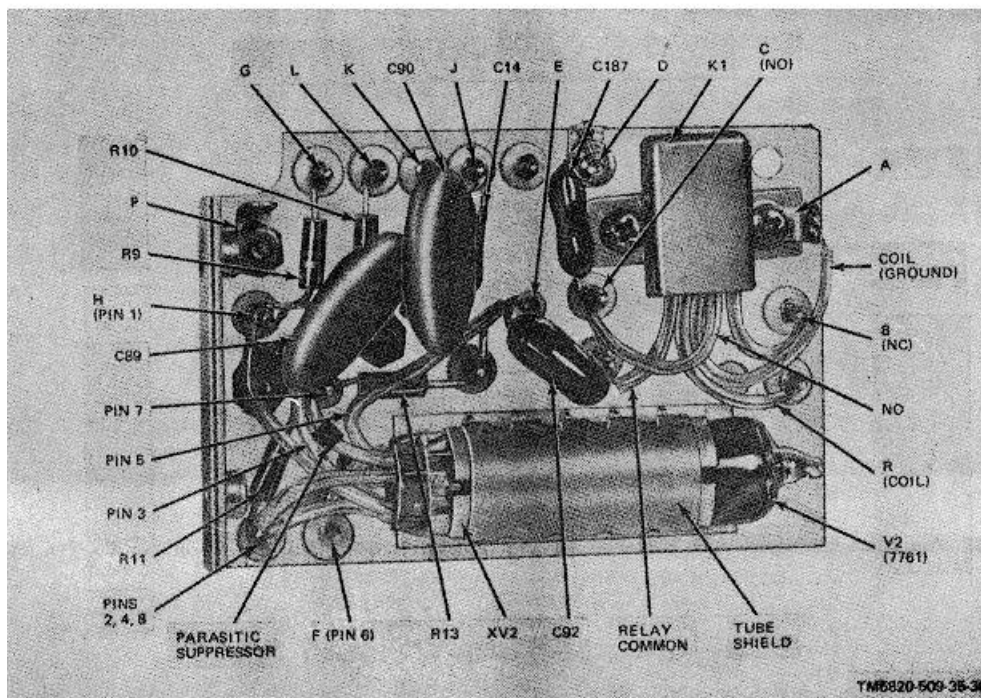


Figure 3-23. Signal Data Translator CV-1377A/PRC-47 (A8A3), Card Assembly TB2.

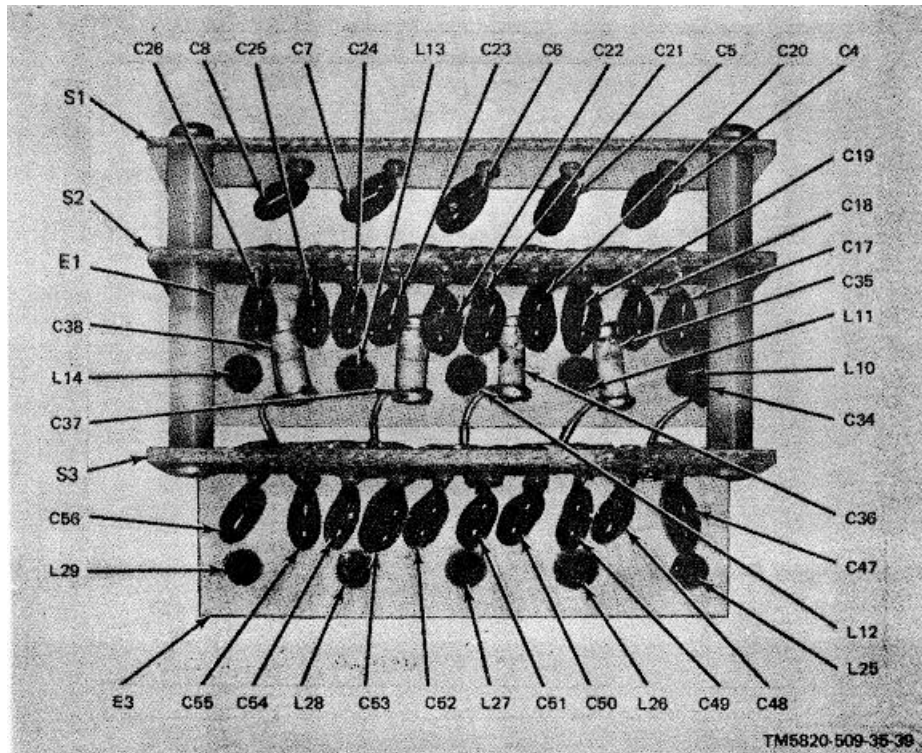


Figure 3-24. Signal Data Translator CV-1377A/PRC-47 (A8A3), Switch Assemblies S1, S2, and S3, Top View, Card Assemblies E1 and E3.

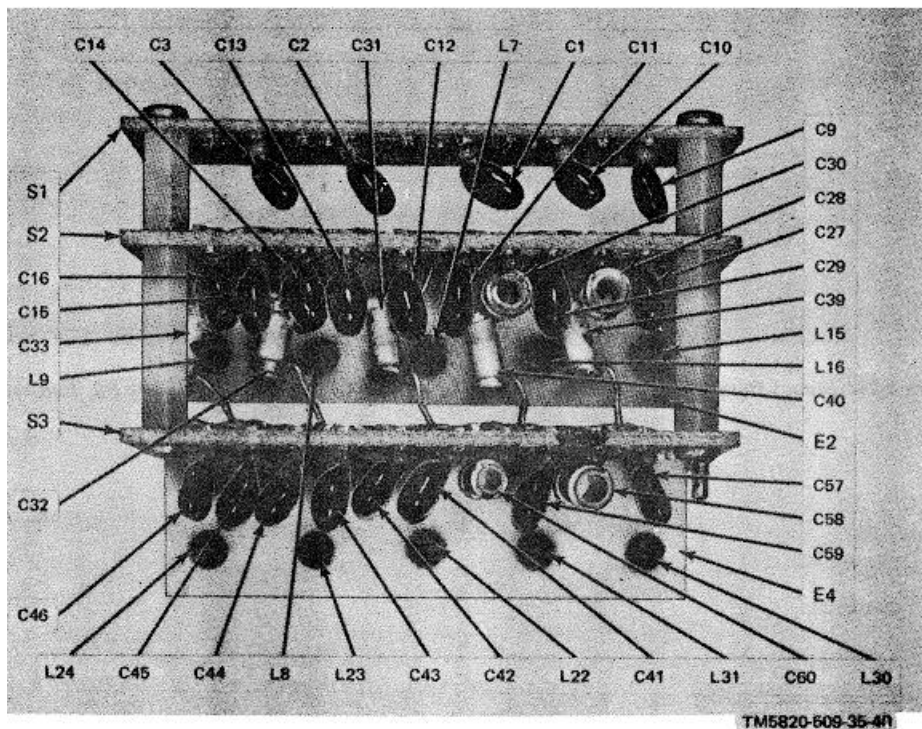


Figure 3-25. Signal Data Translator CV-1377A/PRC-47 (A8A4), Switch Assemblies S1, S2, and S3, Bottom View, Card Assemblies E2 and E4.

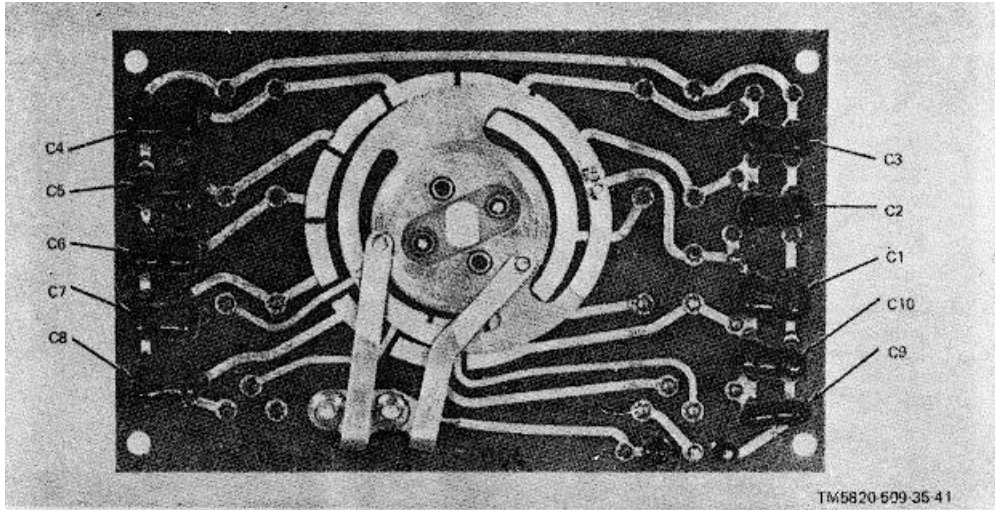


Figure 3-26. Signal Data Translator CV-1377A/PRC-47 (A8A3), Switch Assembly S1, Rear View.

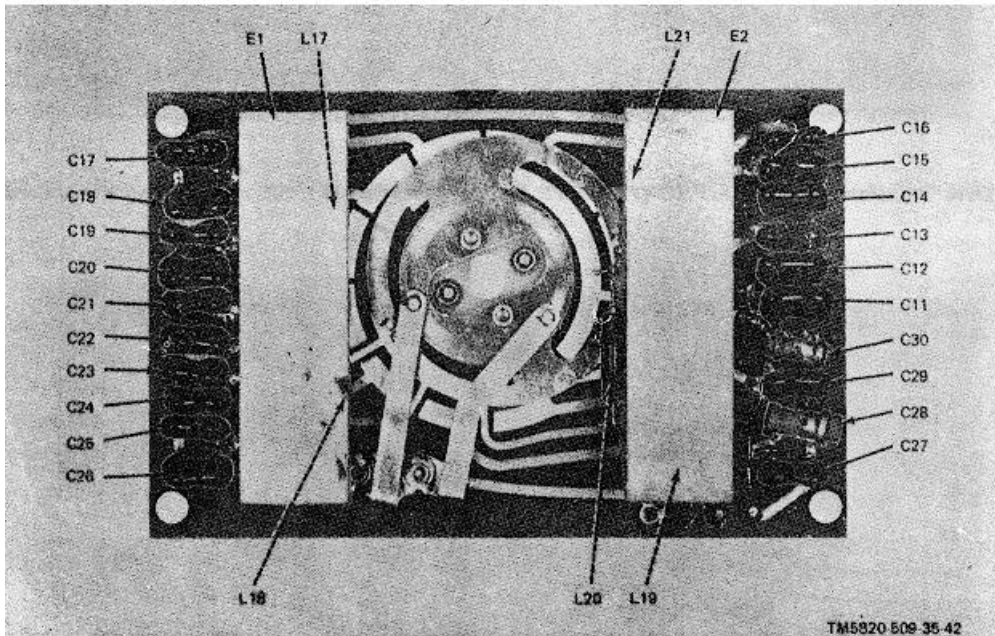


Figure 3-27. Switch Data Translator CV-1377A/PRC-47 (A8A3), Switch Assembly S2, Rear View.

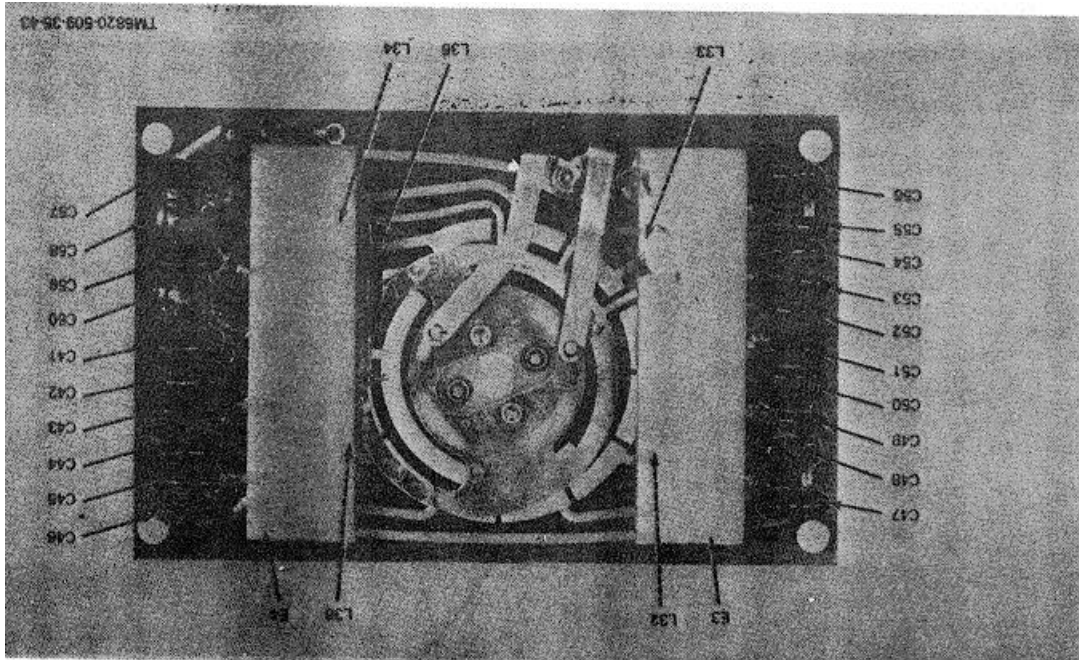


Figure 3-28. Signal Data Translator CV-1377A/PRC-47 (A8A3), Switch Assembly S3, Rear View.

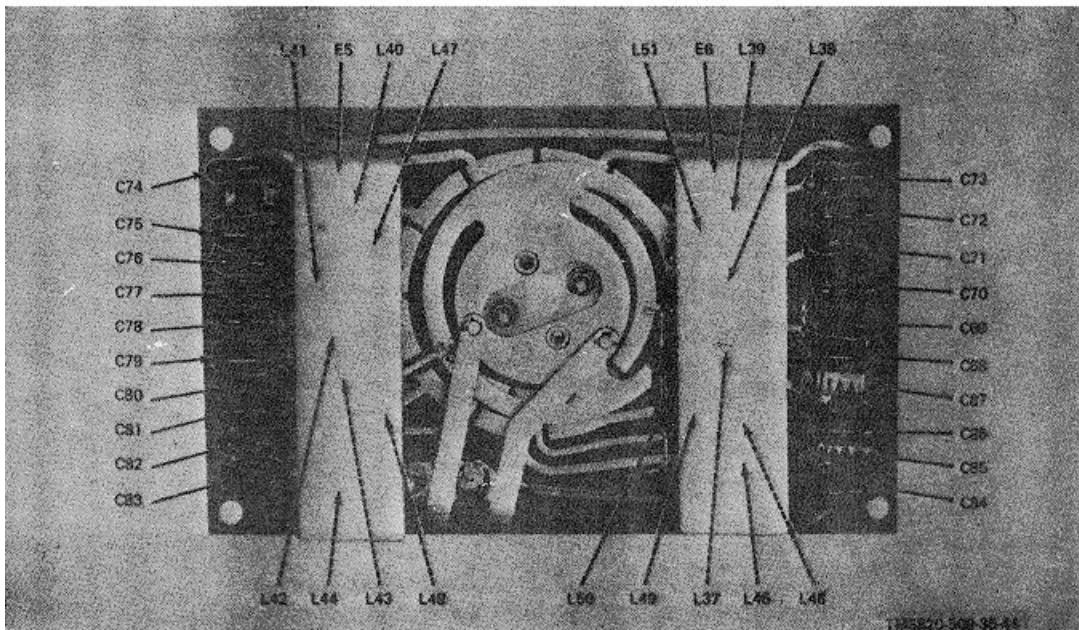


Figure 3-29. Signal Data Translator CV-1377A/PRC-47 (A8A3), Switch Assembly S4, Rear View.

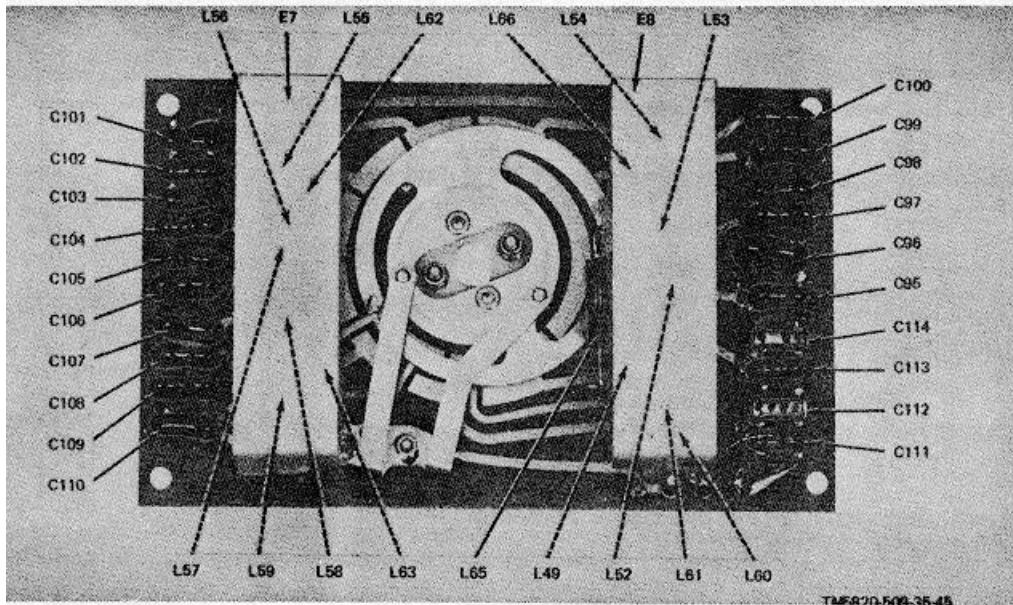


Figure 3-30. Signal Data Translator CV-1377A/PRC-47 (A8A3), Switch Assembly S5, Rear View.

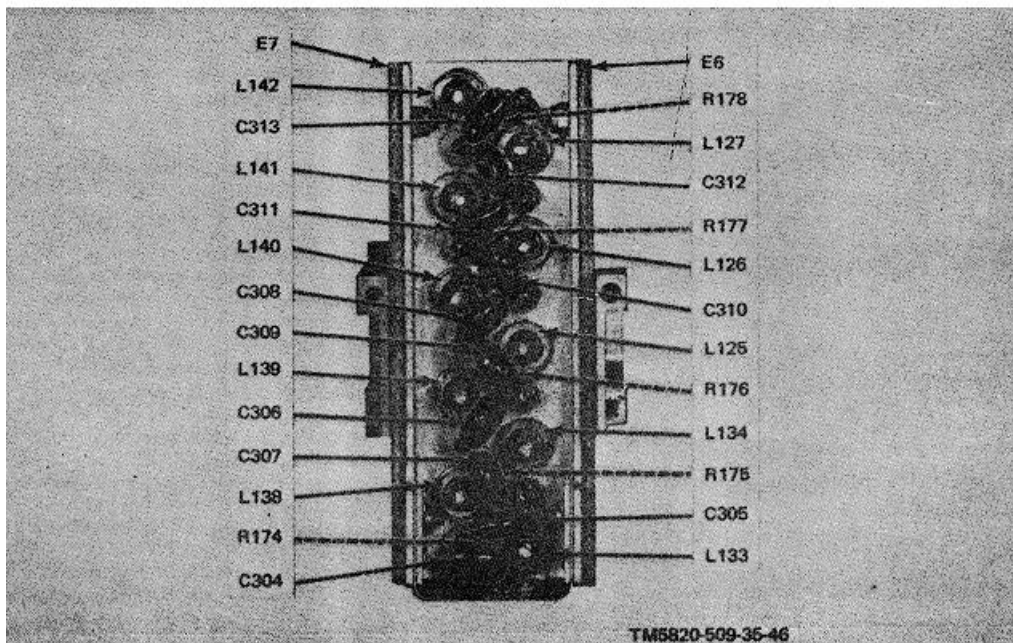


Figure 3-31. Signal Data Translator CV-1377A/PRC-47 (A8A3), VFO Coil subassembly, Top View.

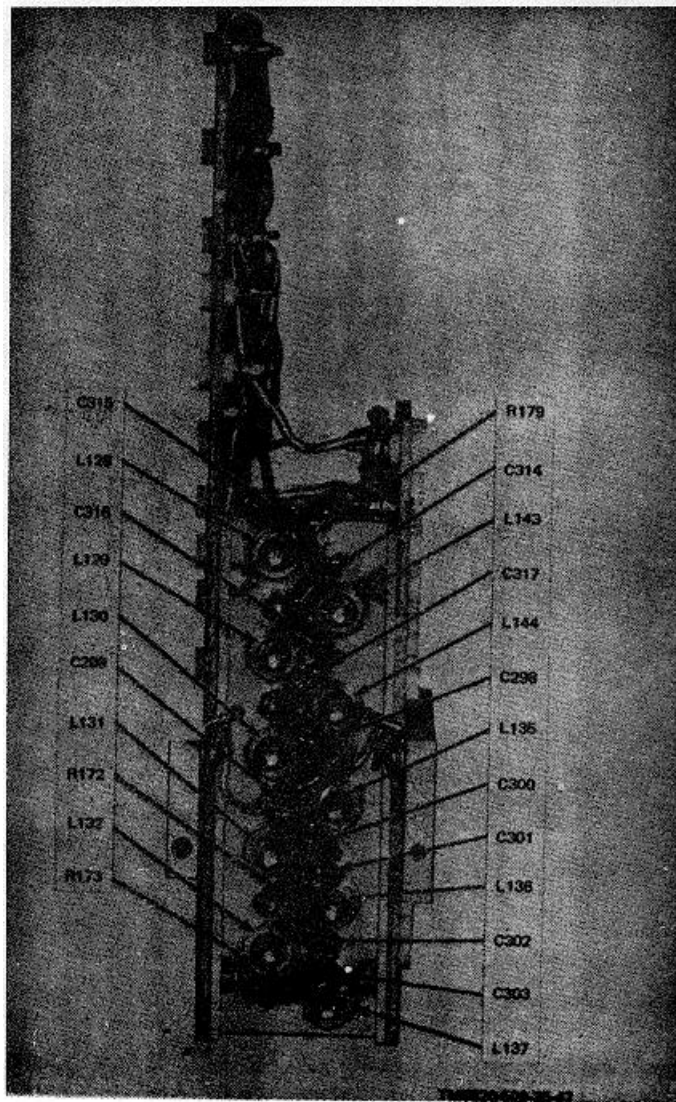


Figure 3-32. Signal Data Translator CV-1377A/PRC-47 (A8A3), VFO, Coil Subassembly, Bottom View.

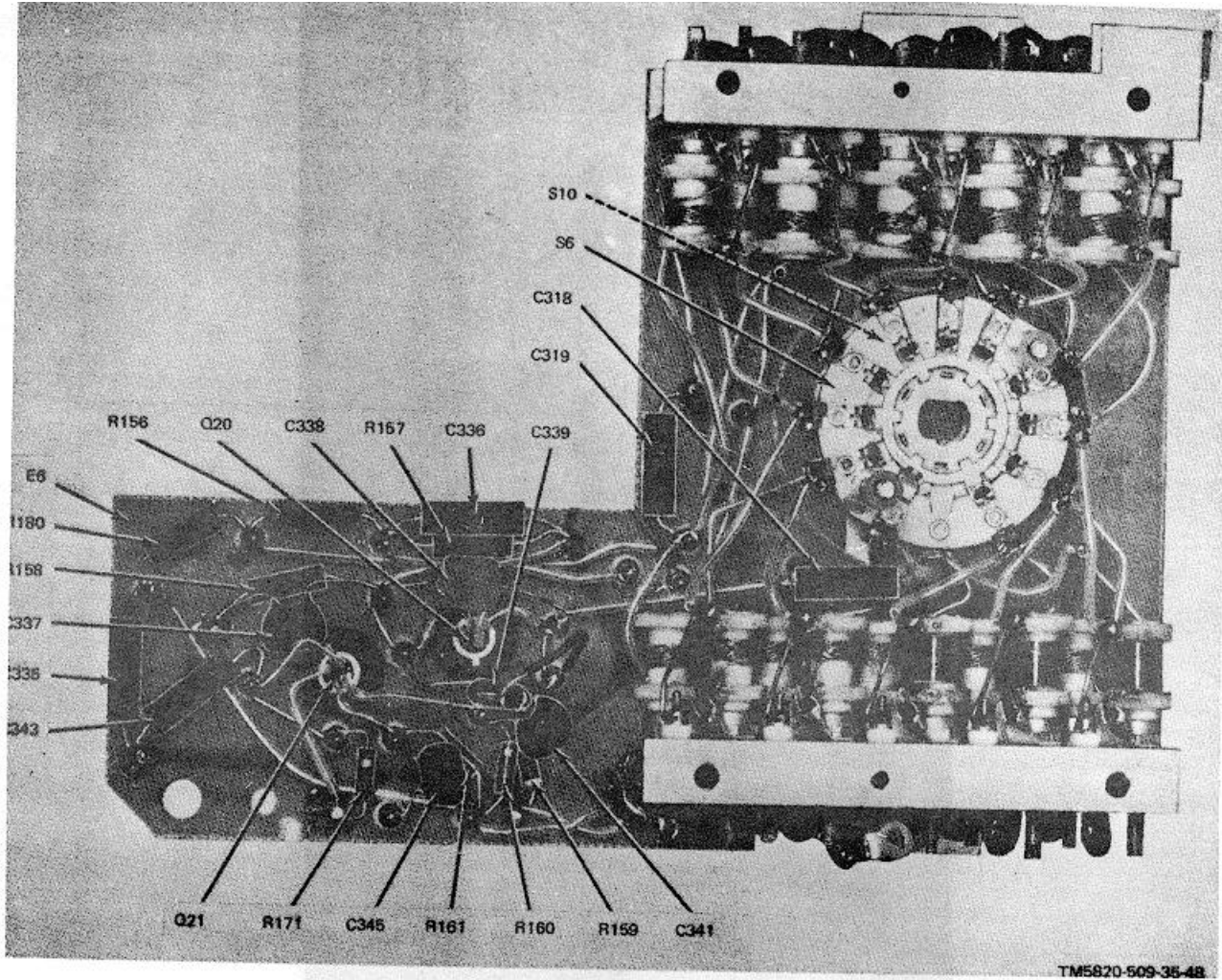


Figure 3-33. Signal Data Translator CV-1377A/PRC-47 (A8A3), Switch Assembly S6, VFO Circuit.

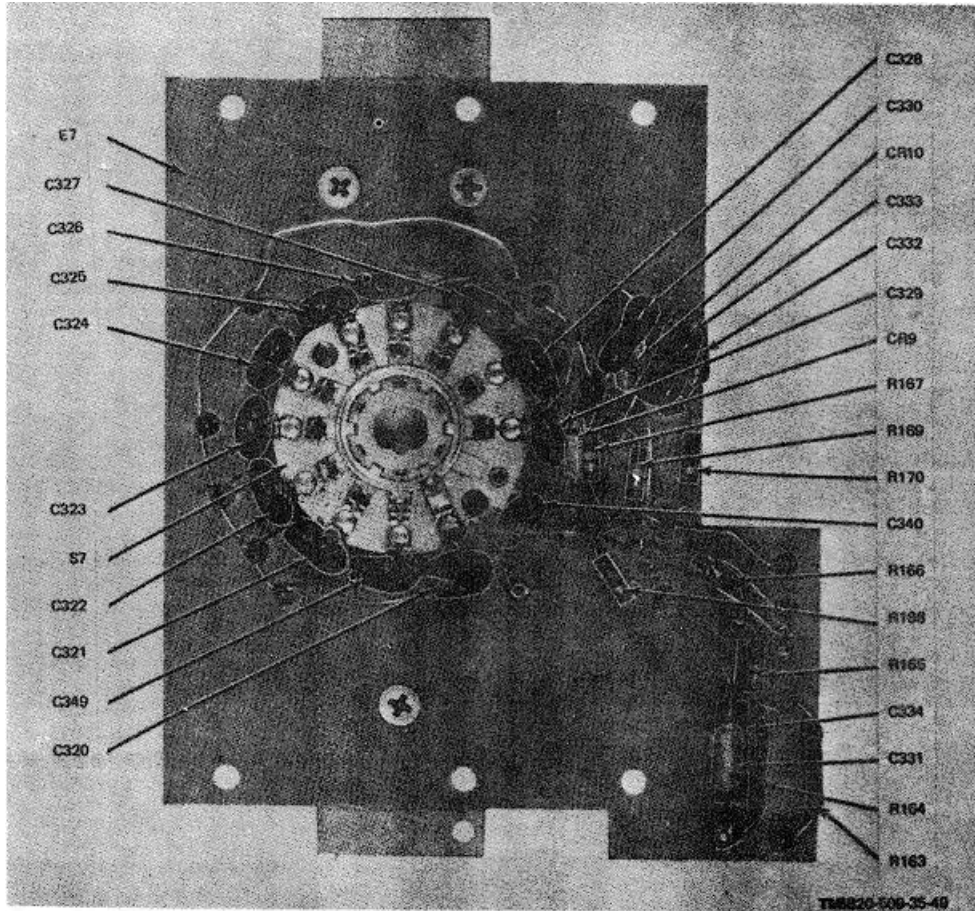


Figure 3-34. Signal Data Translator CV-1377A/PRC-47 (A8A3), Switch Assembly S7, Front View.

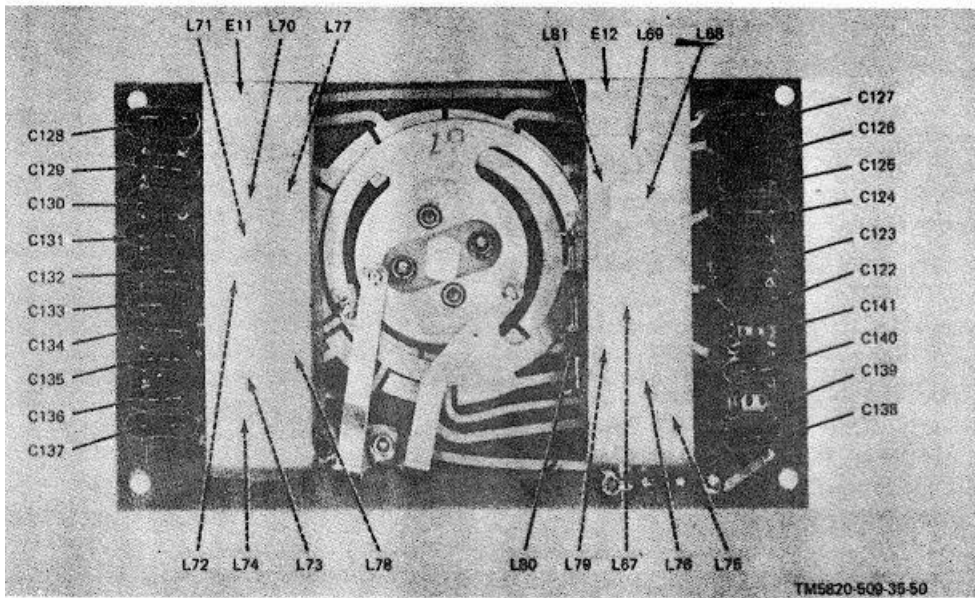


Figure 3-35. Signal Data Translator CV-1377A/PRC-47 (A8A3), Switch Assembly S8, Rear View.

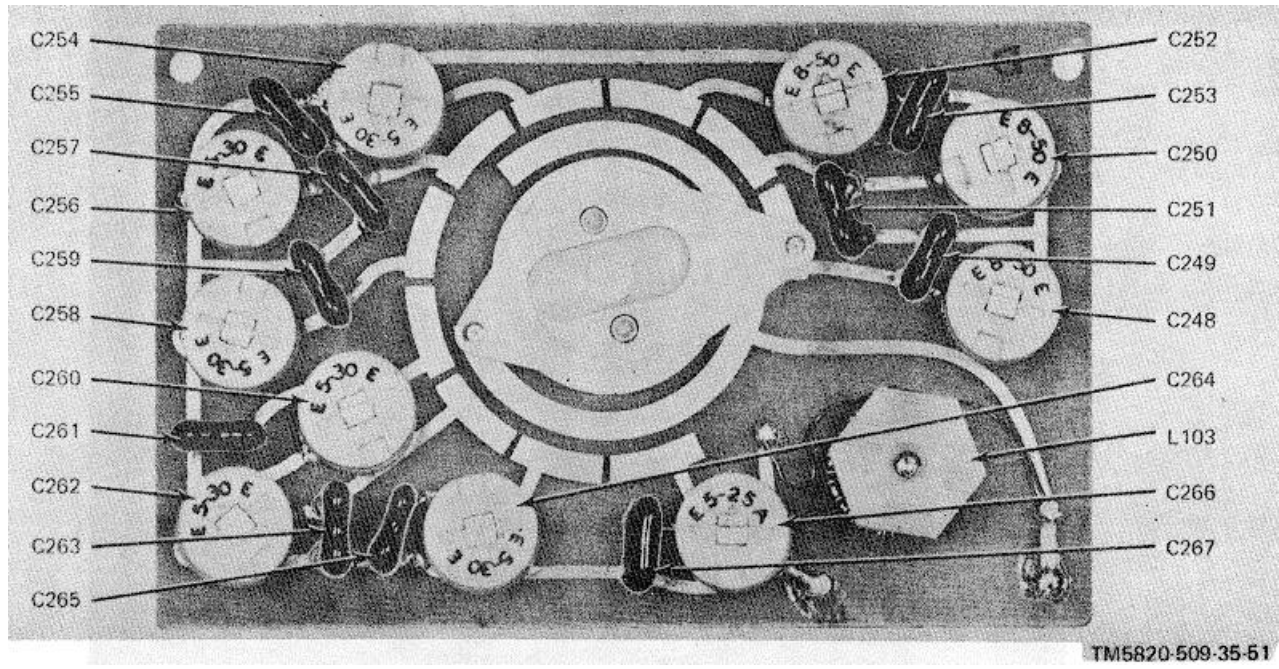


Figure 3-36. Signal Data Translator CV-1377A/PRC-47 (A8A3), Switch Assembly S9, Rear View (Rotor at Index Position no. 1).

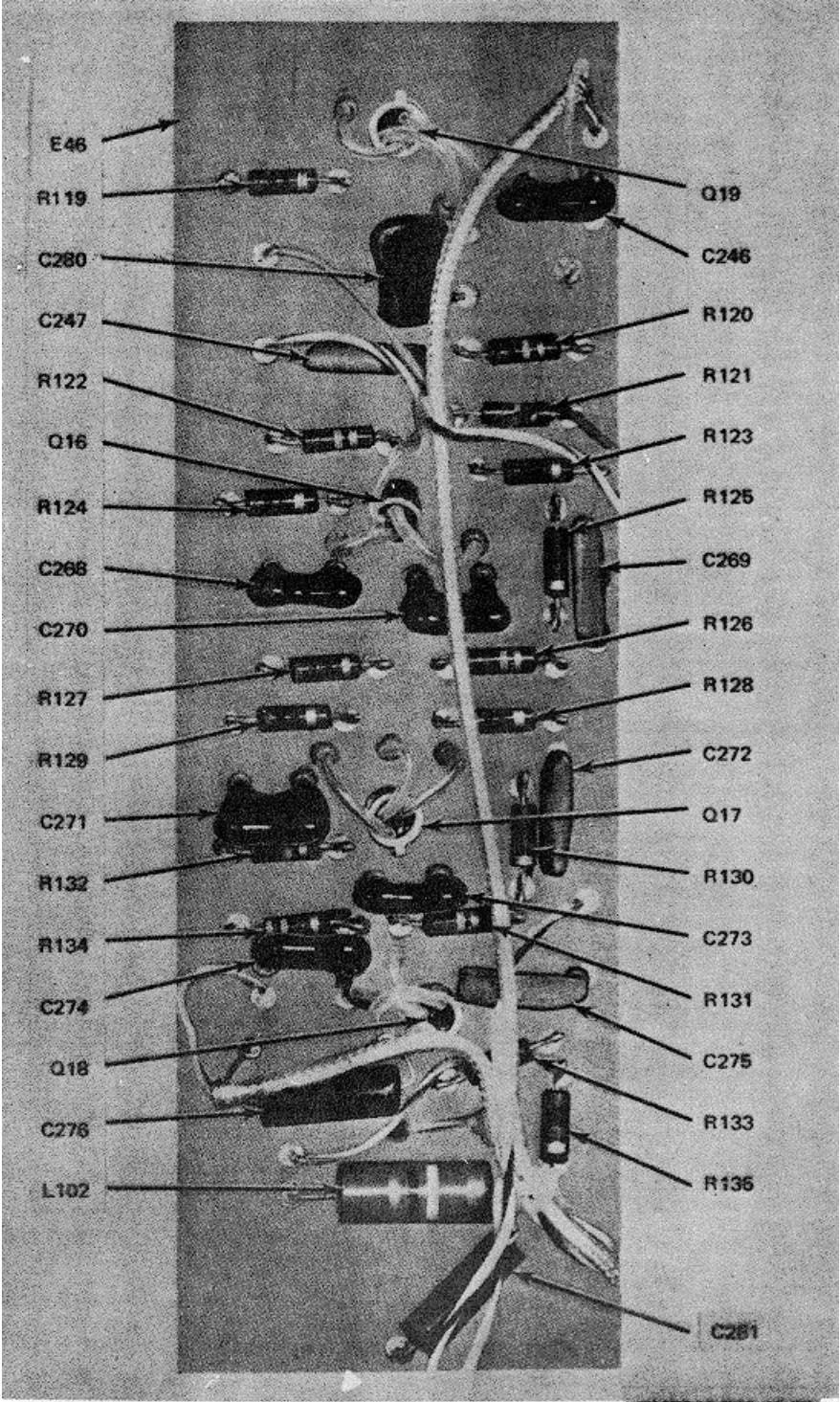


Figure 3-37. Signal Data Translator CV-1377A/PRC-47 (A8A3), Card Assembly E46.

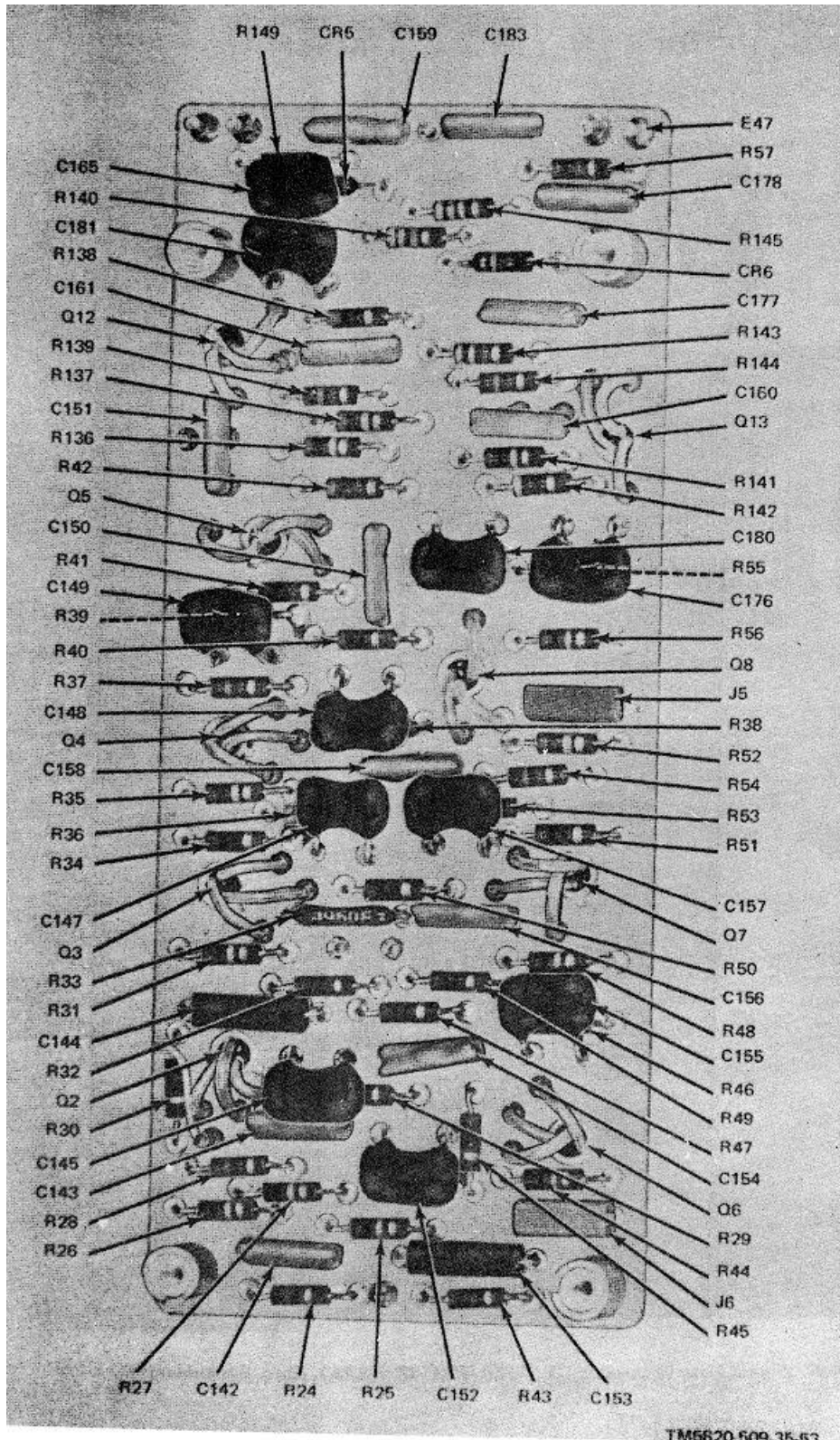
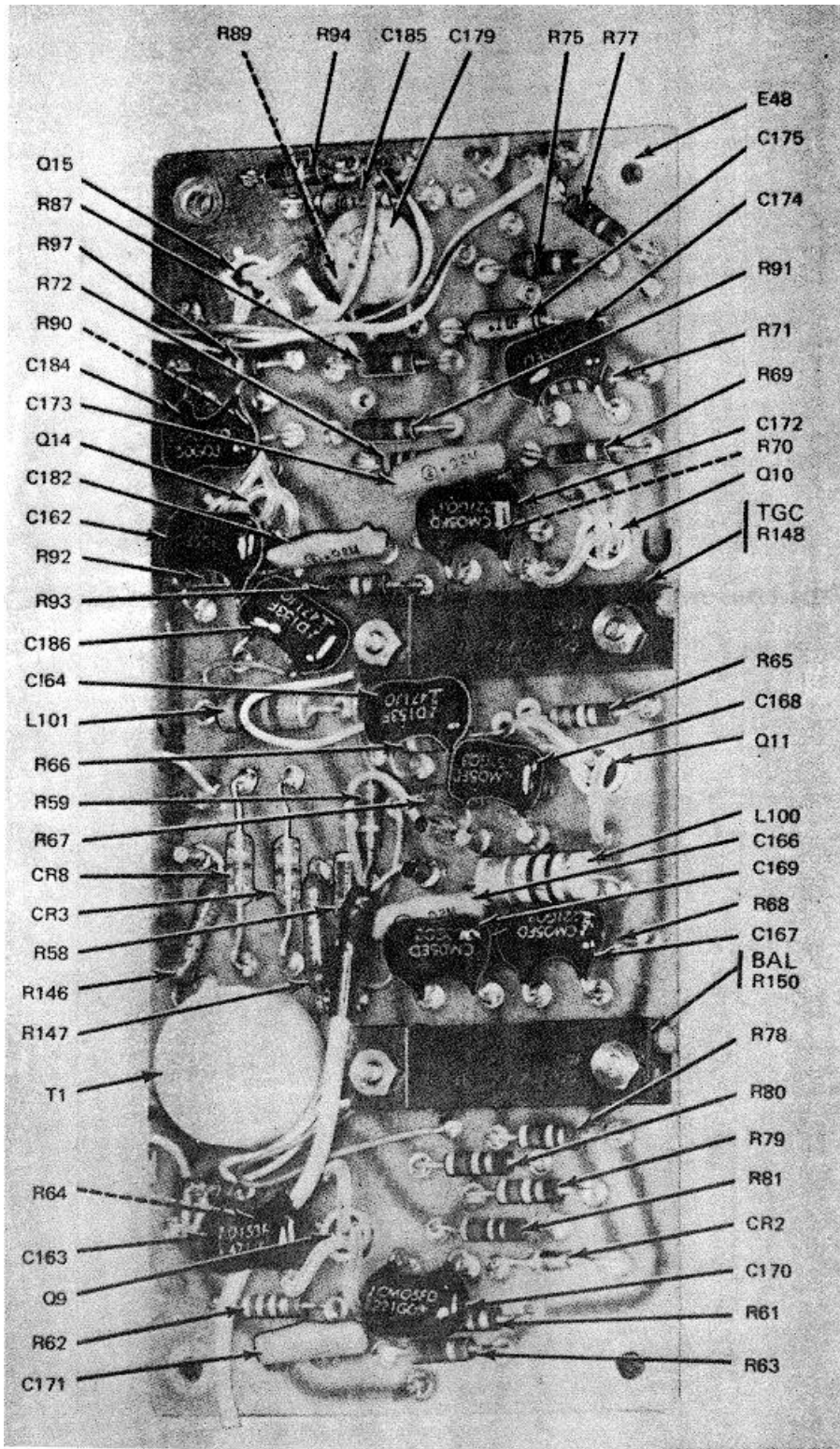


Figure 3-38. Signal Data Translator CV-1377/PRC-47 (A8A3), Card Assembly E47.



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Figure 3-39. Signal Data Translator CV-1377A/PRC-47 (A8A3), Card Assembly E48.

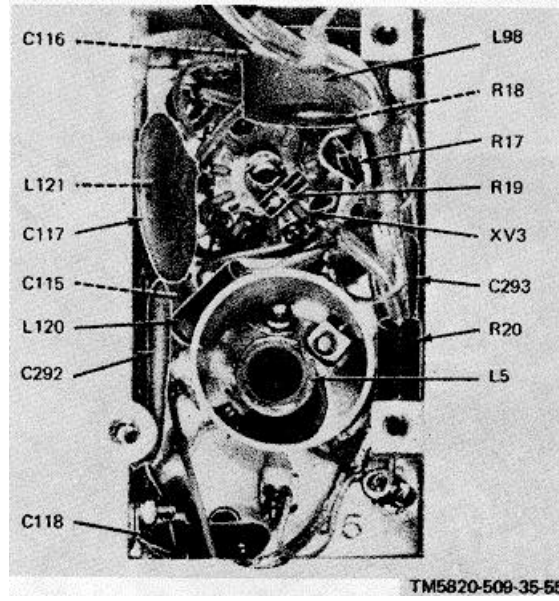


Figure 3-40. Signal Data Translator CV-1377A/PRC-47 (A8A3), Driver Tube (V3) Compartment, Bottom View.

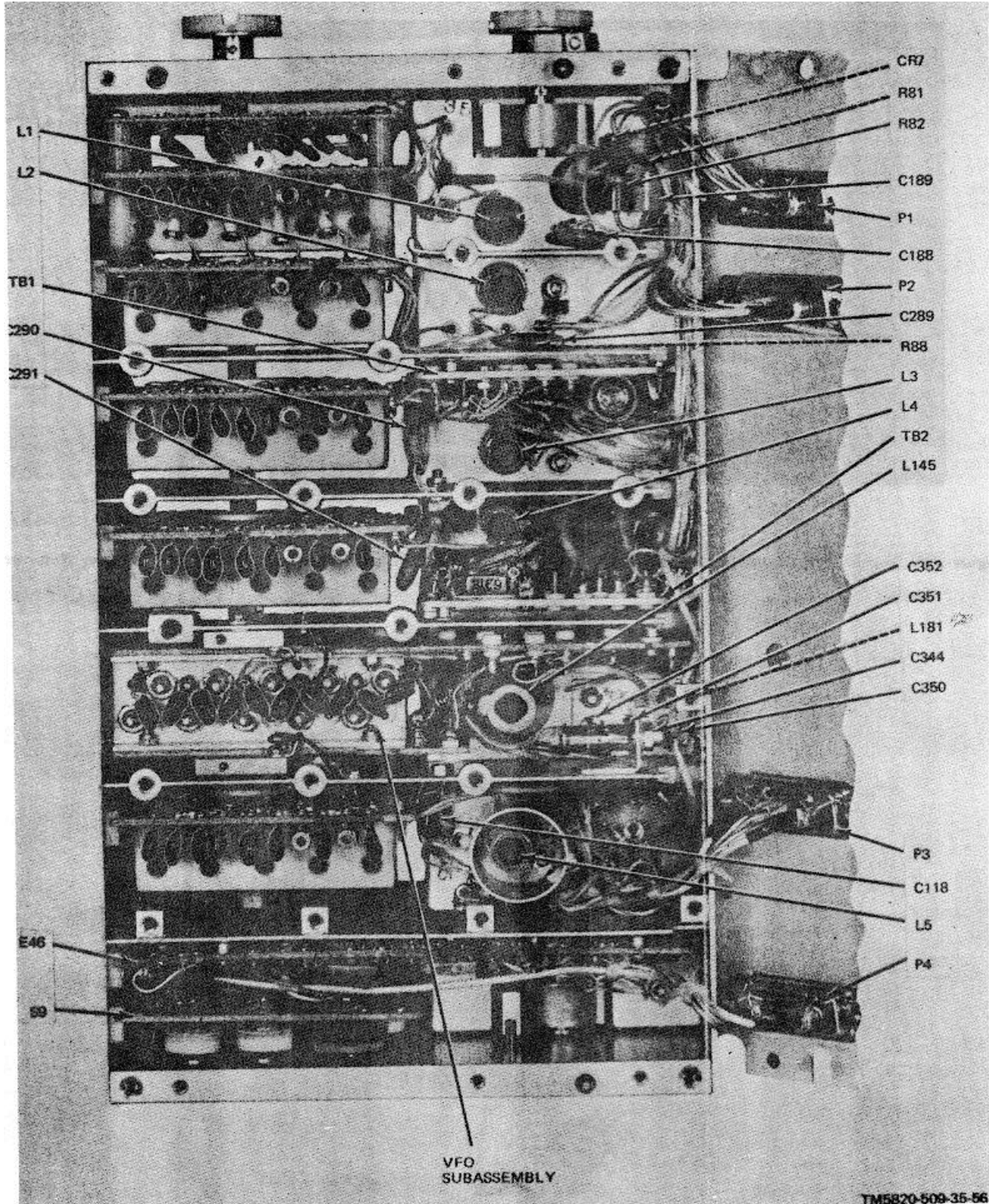
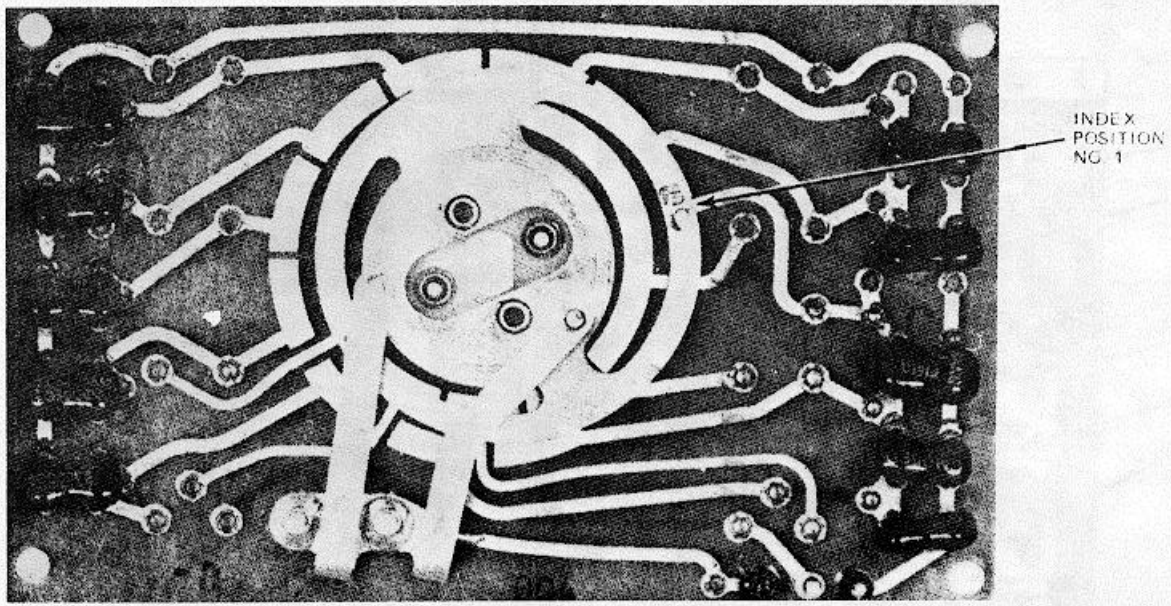
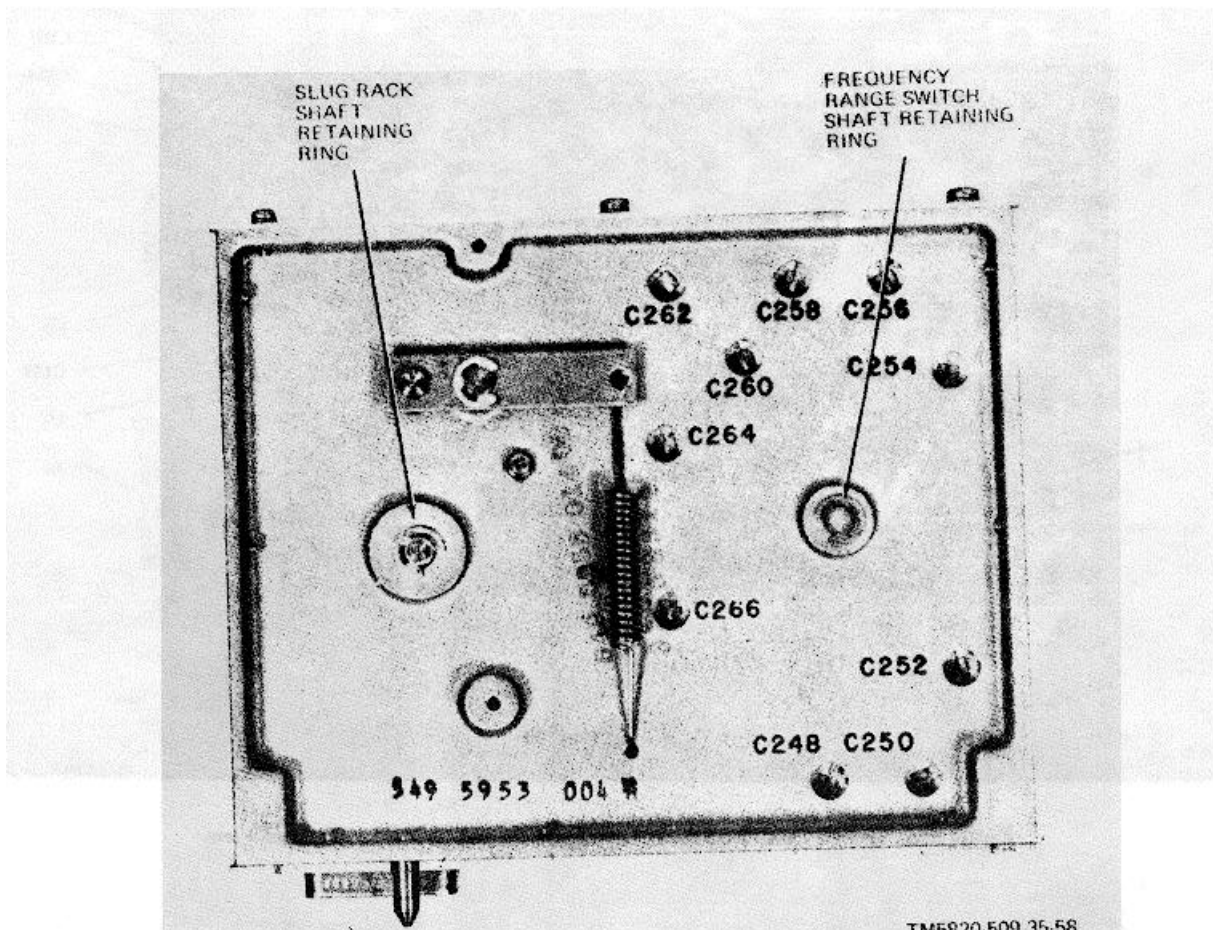


Figure 3-41. Signal Data Translator CV-1377A/PRC-47 (A8A3), Bottom View.



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Figure 3-42. Signal Data Translator CV-1377A/PRC-47 (A8A3), Typical Switch Card (S1 through S8) Showing Rotor at Index Position no. 1.



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Figure 3-43. Signal Data Translator CV-1377/PRC-47 (A8A3), Rear View, Frequency Range Switch Shaft Retaining Ring.

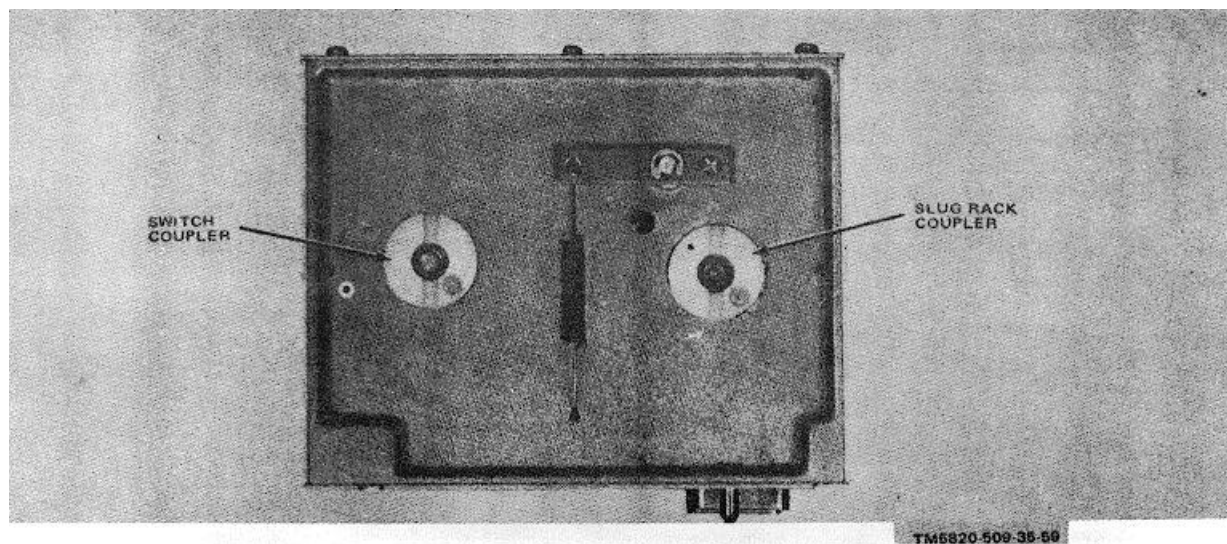


Figure 3-44. Signal Data Translator CV-1377A/PRC-47 (A8A3), Front View, Coupler Position as 2000 kHz Dial Setting.

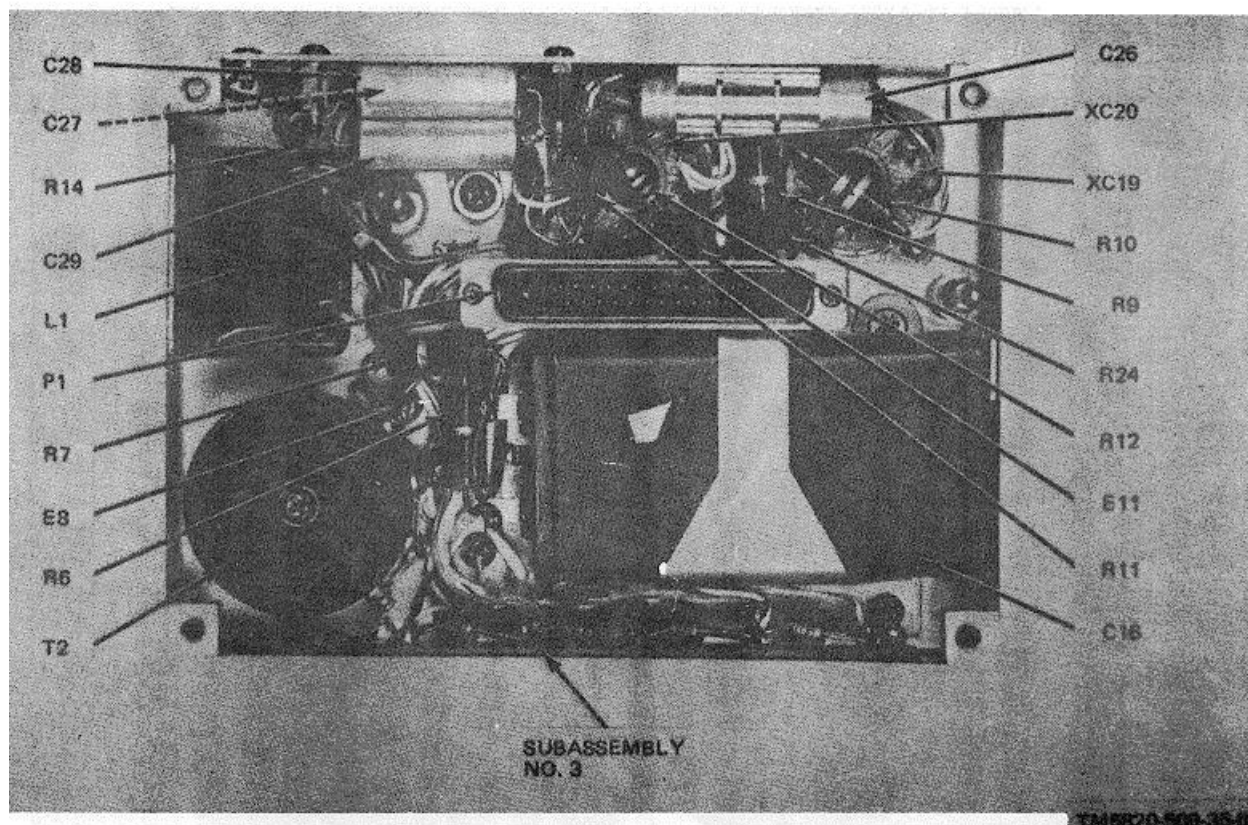


Figure 3-45. Power Supply PP-3518/PRC-47 (A8A5), Bottom View, Chassis.

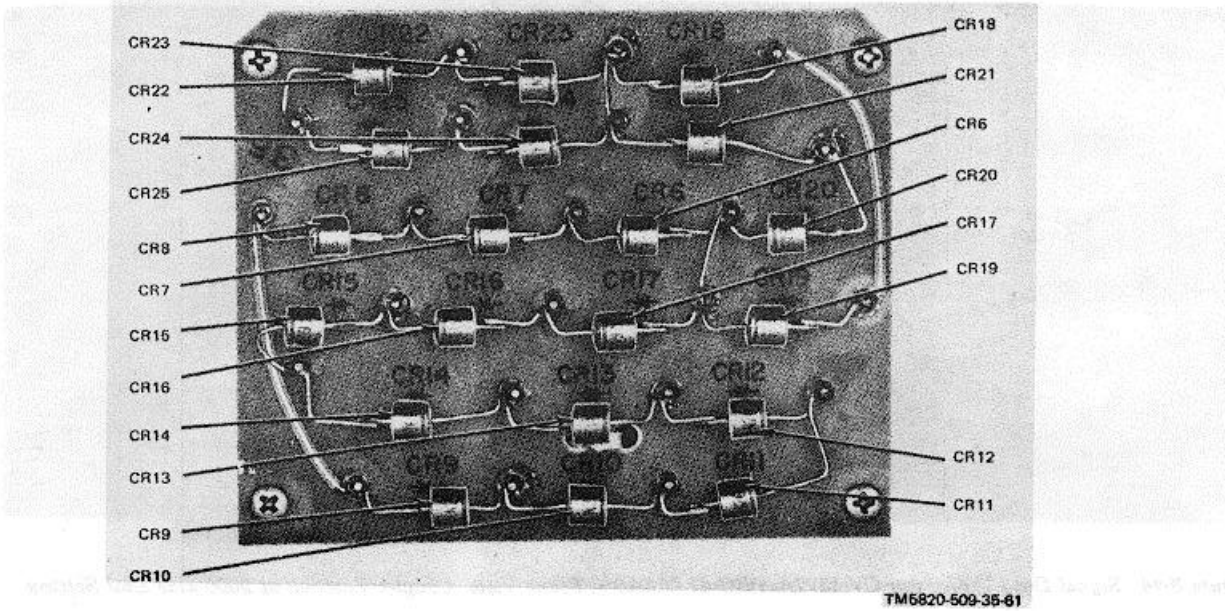


Figure 3-46. Power Supply PP-3581/PRC-47 (A8A5), Subassembly no. 1, Front View

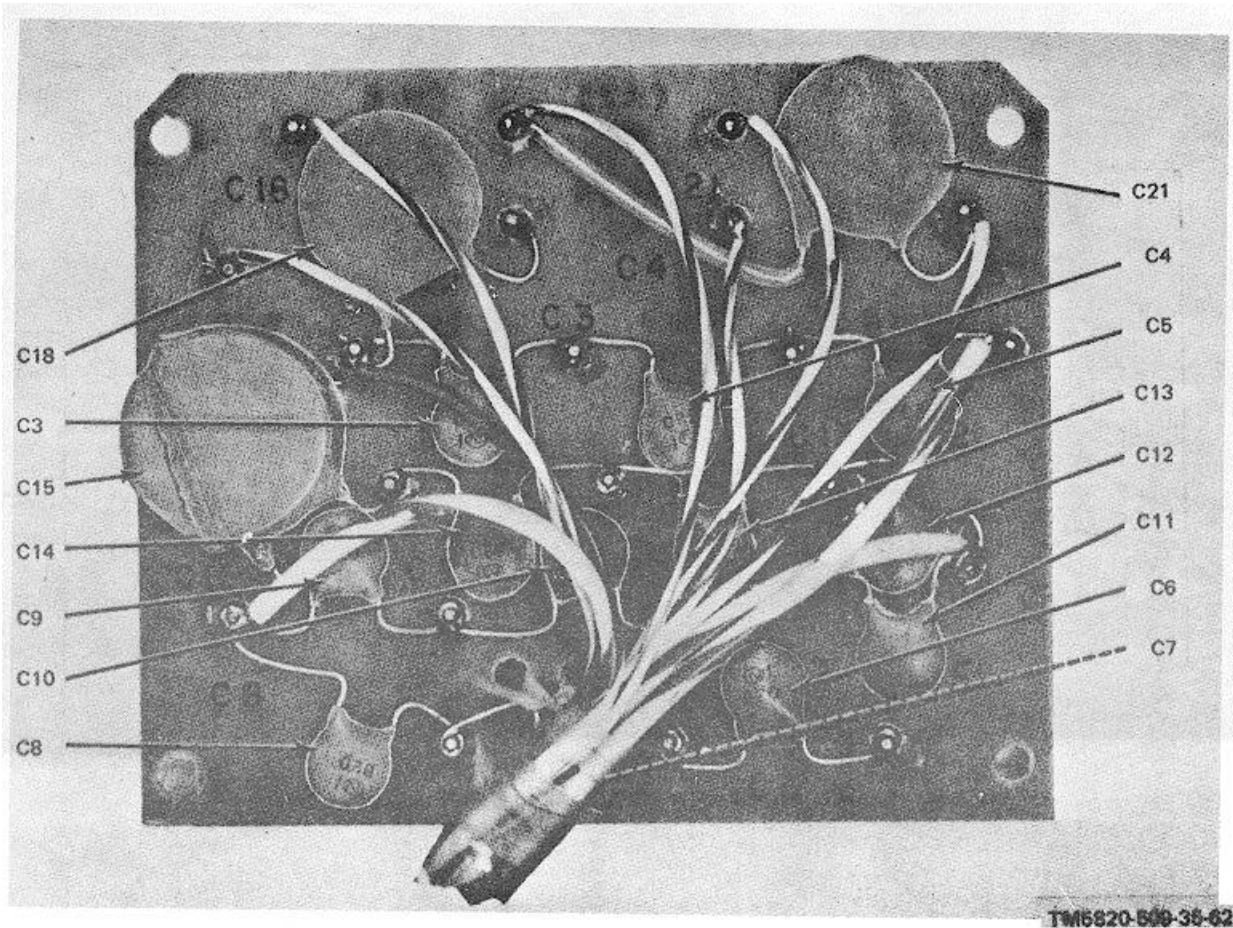


Figure 3-47. Power Supply PP-3518/PRC-47 (A8A5), Subassembly no. 1, Rear View.

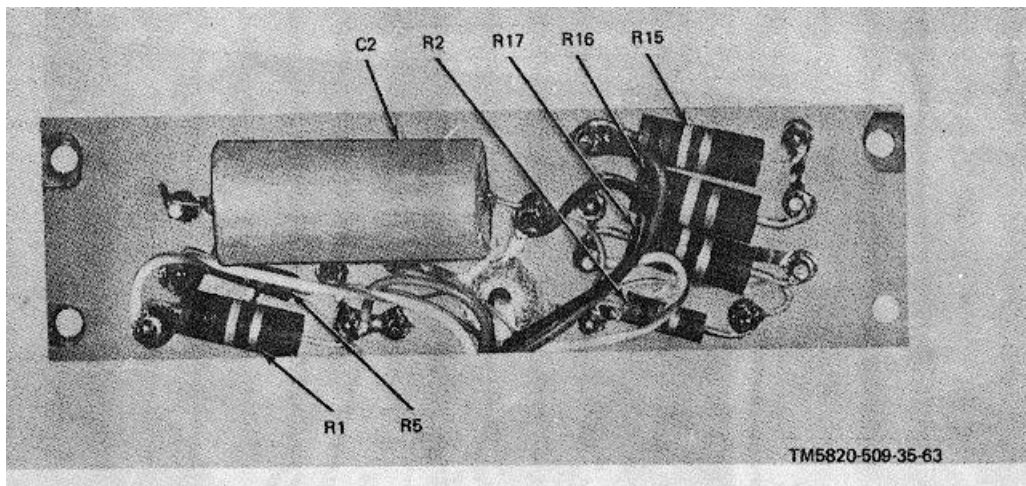


Figure 3-48. Power Supply PP-3518/PRC-47 (A8A5), Subassembly no. 2.

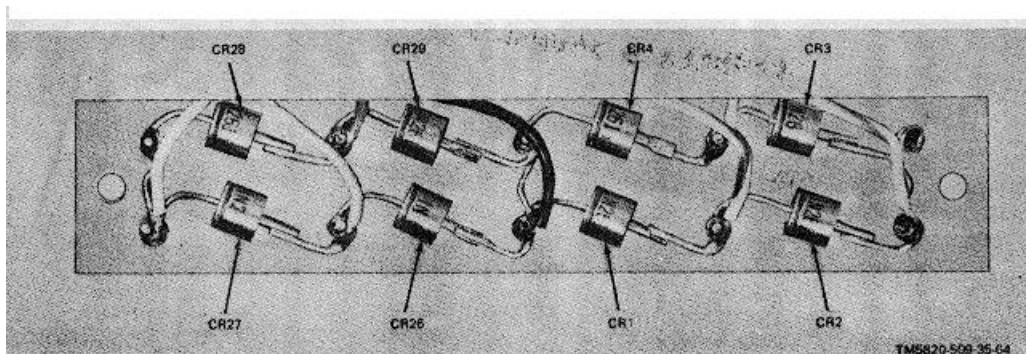
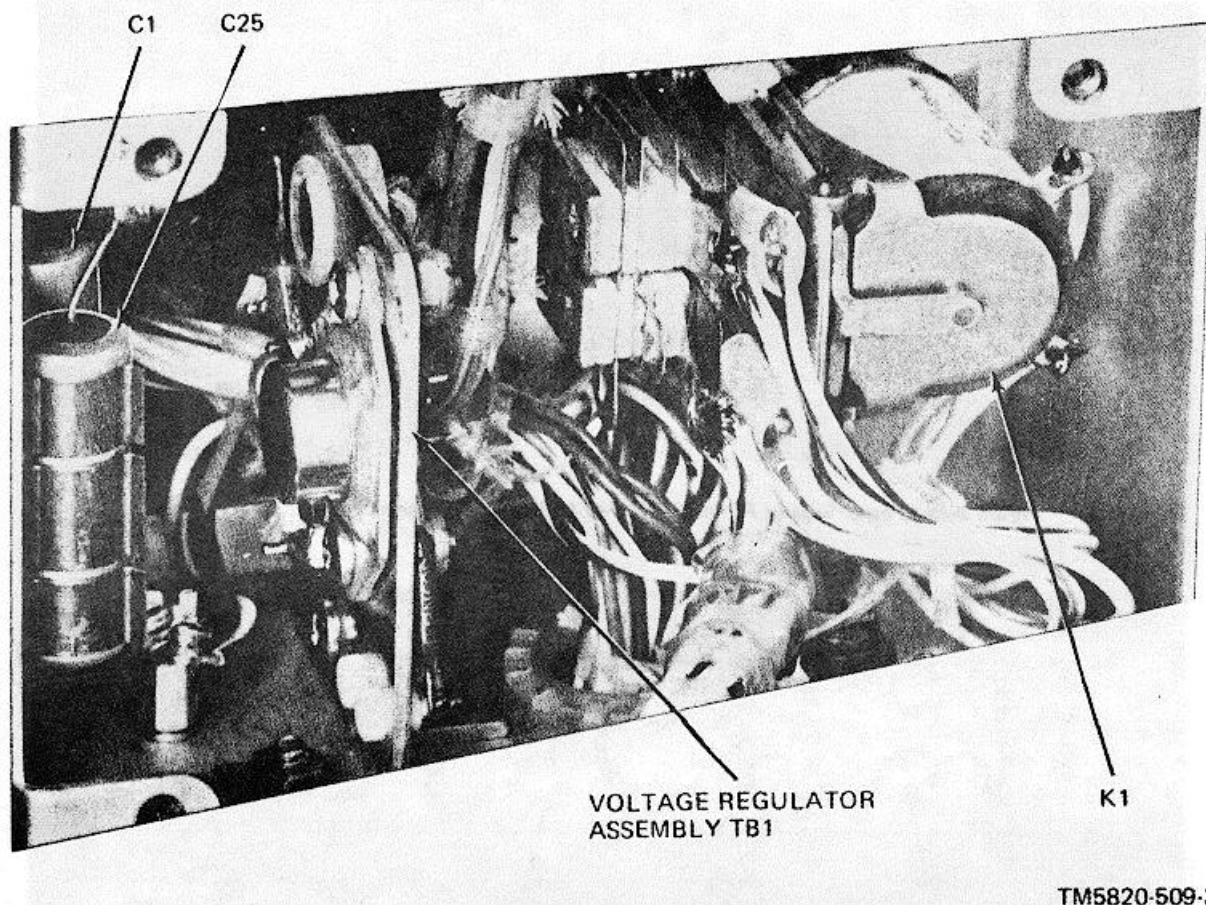


Figure 3-49. Power Supply PP-3518/PRC 47 (A8A5), Subassembly no. 3.



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Figure 3-50. Power Supply PP-3518/PRC-47 (A8A5), Upper Chassis Assembly.

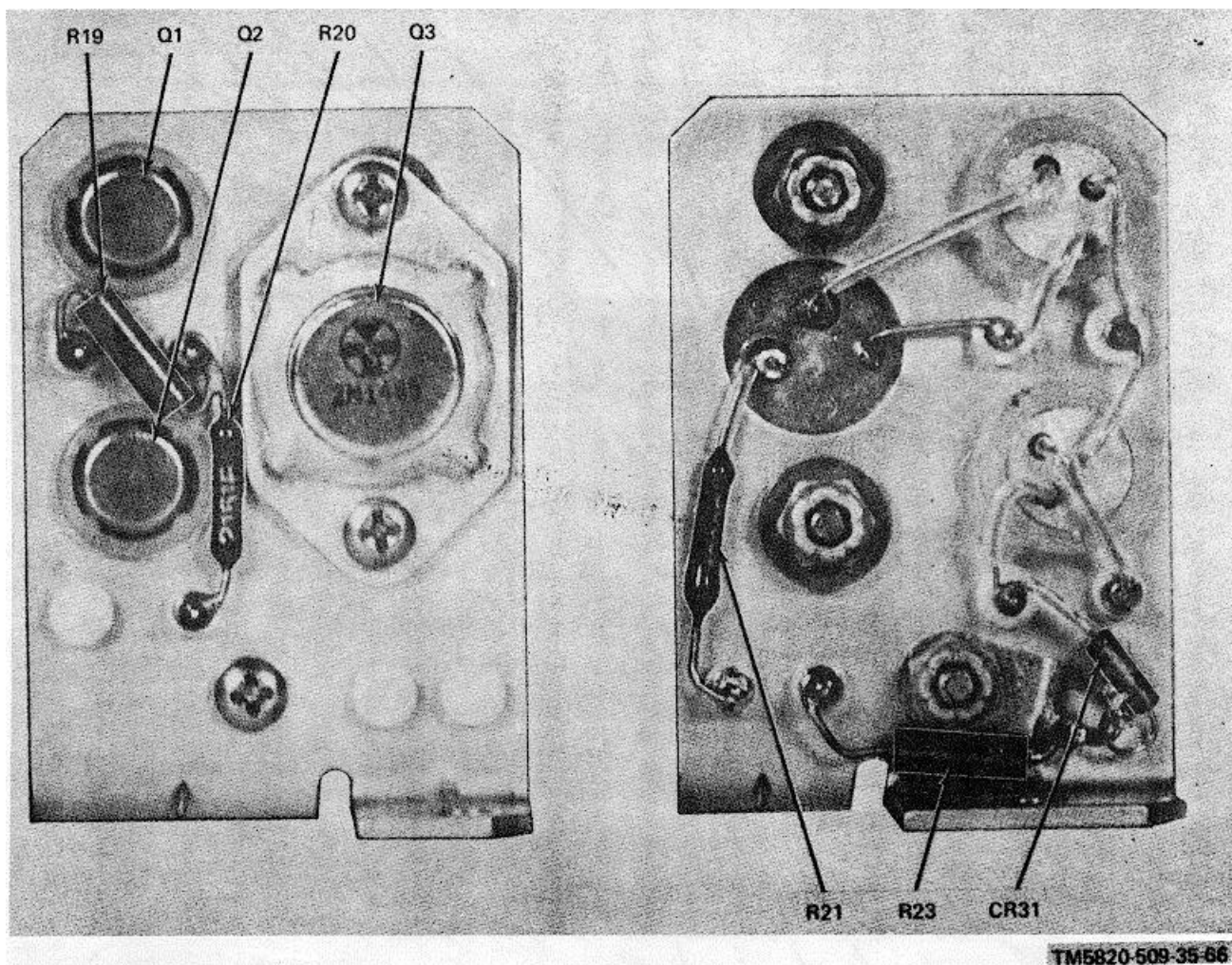


Figure 3-51. Power Supply PP-3518/PRC-47 (A8A5), Voltage Regulator Assembly TB1.

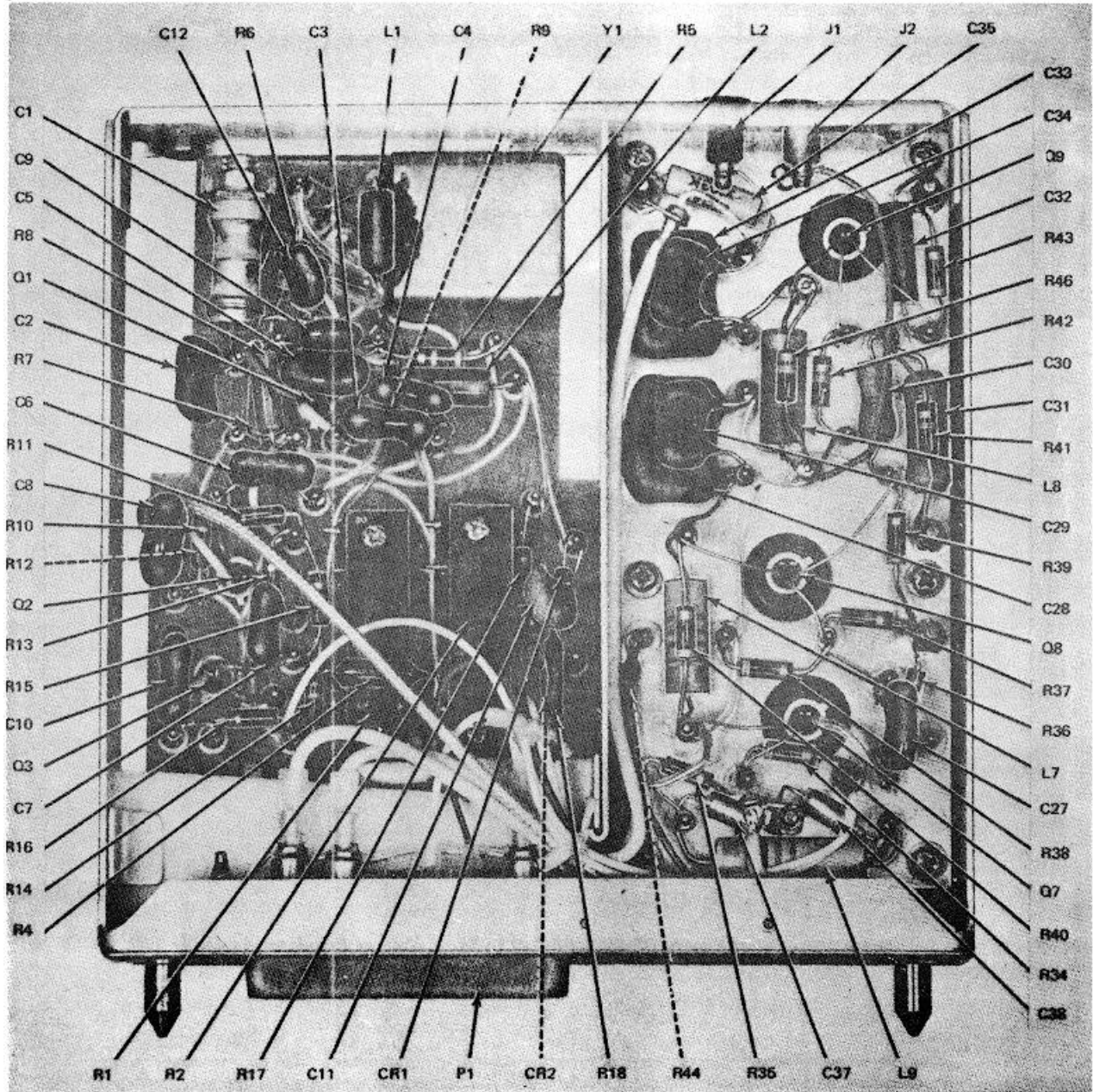


Figure 3-52. Radio Frequency Oscillator O-1032/PRC-47 (A8A6), Side View, Cover Removed, Card Assemblies E1 and E2.

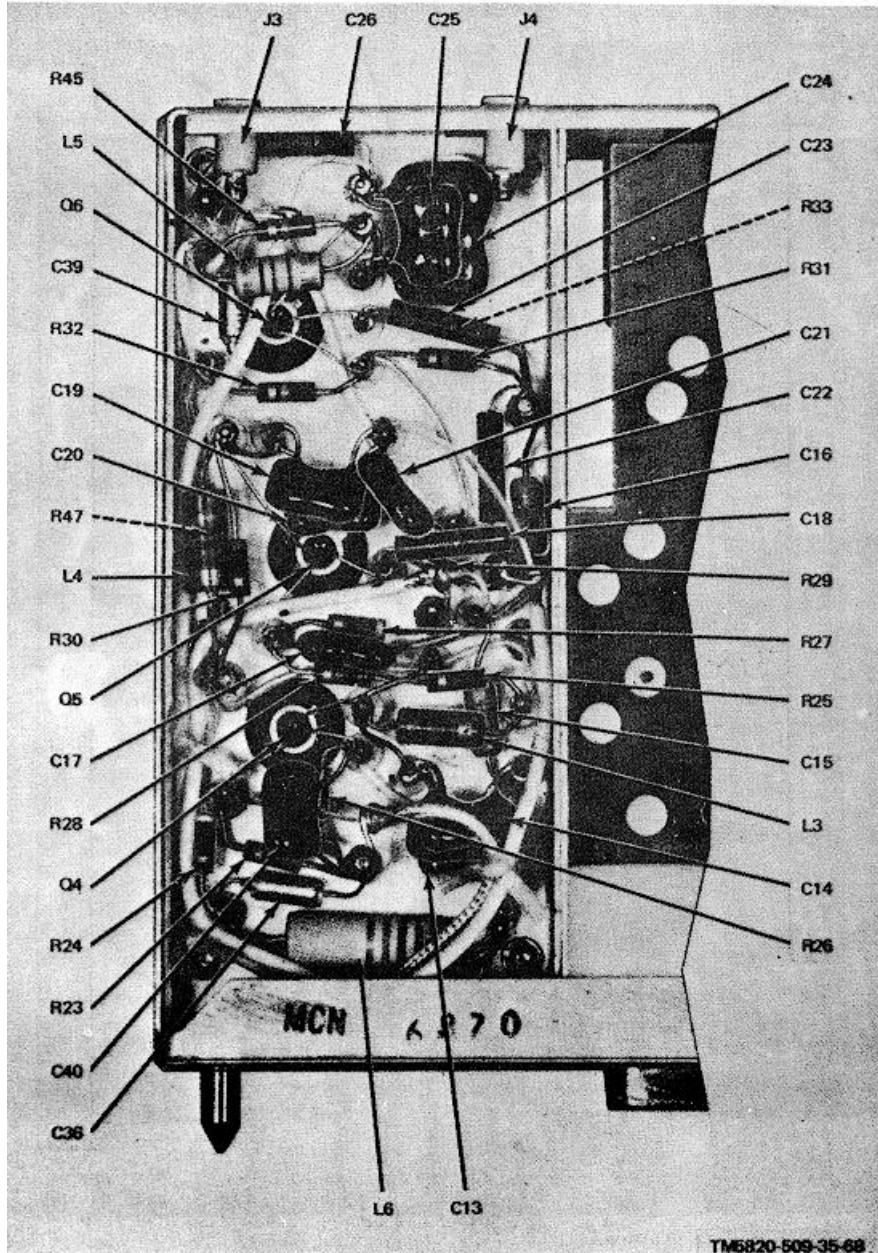


Figure 3-53. Radio Frequency Oscillator O-1032/PRC-47 (A8A6), Side View, Cover Removed, Chassis Assembly.

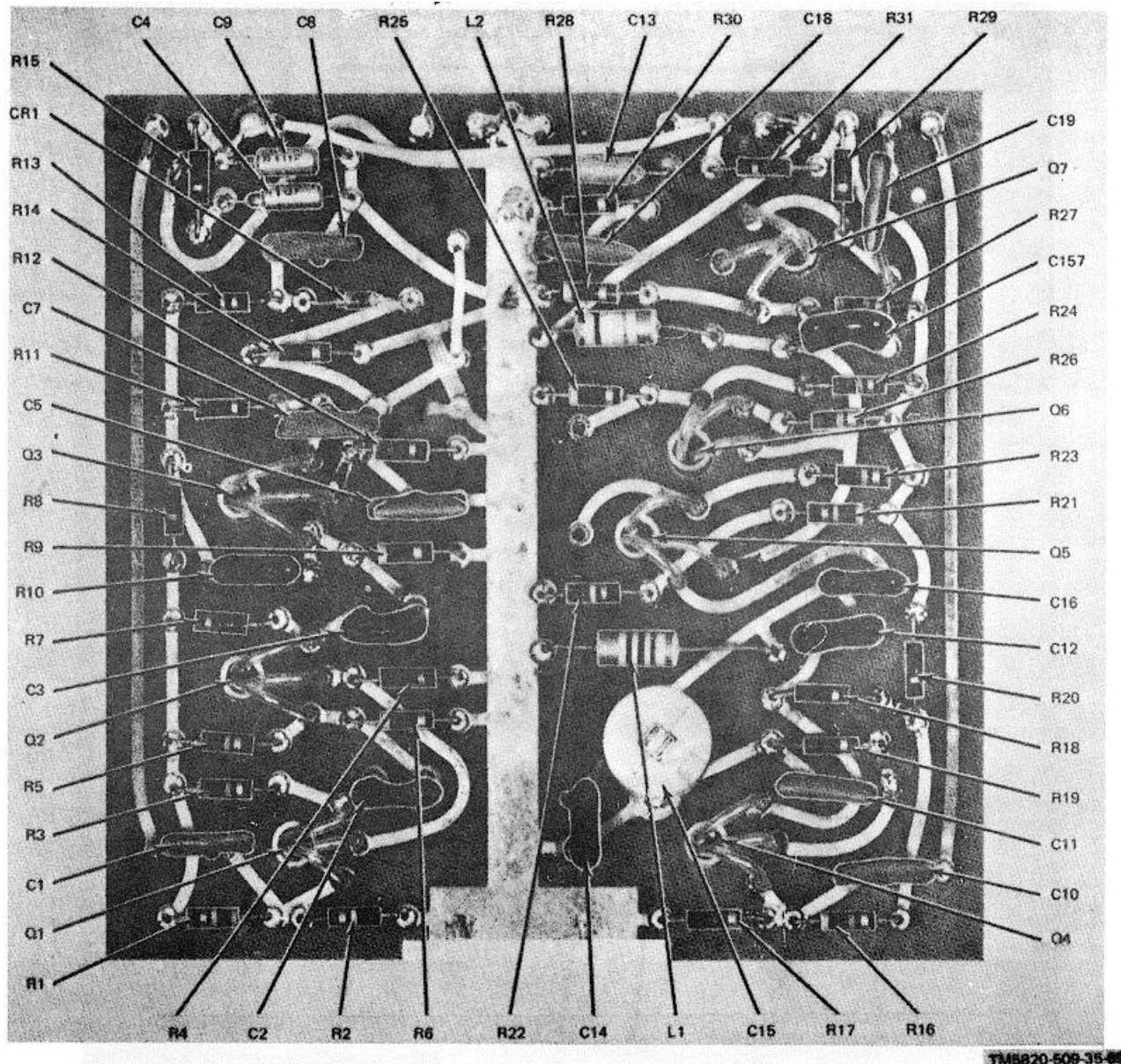


Figure 3-54. Oscillator Control C-4311/PRC-47 (A8A7), Card Assembly E1.

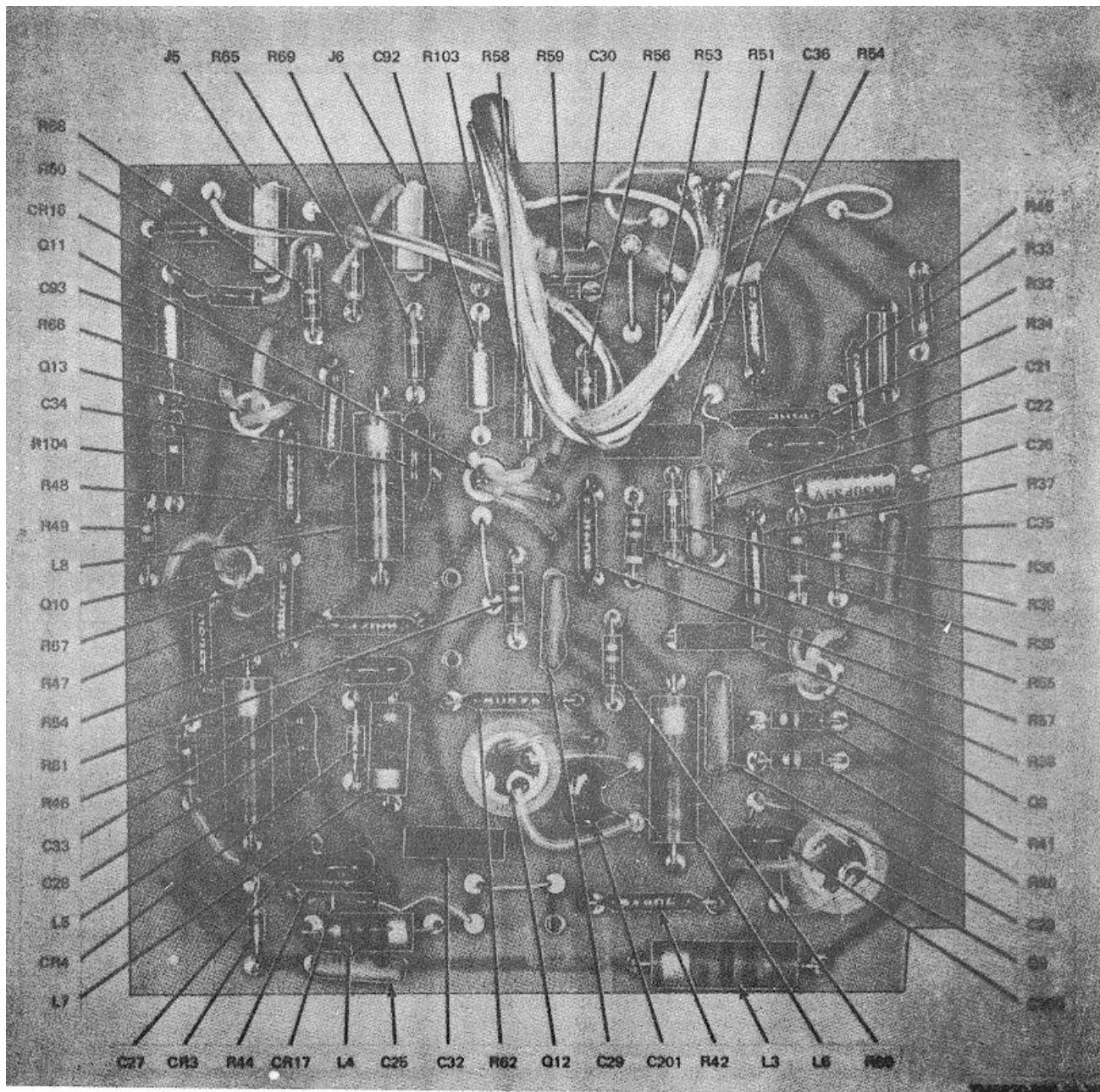


Figure 3-55. Oscillator Control C-4311/PRC-47 (A8A7), Card Assembly E2.

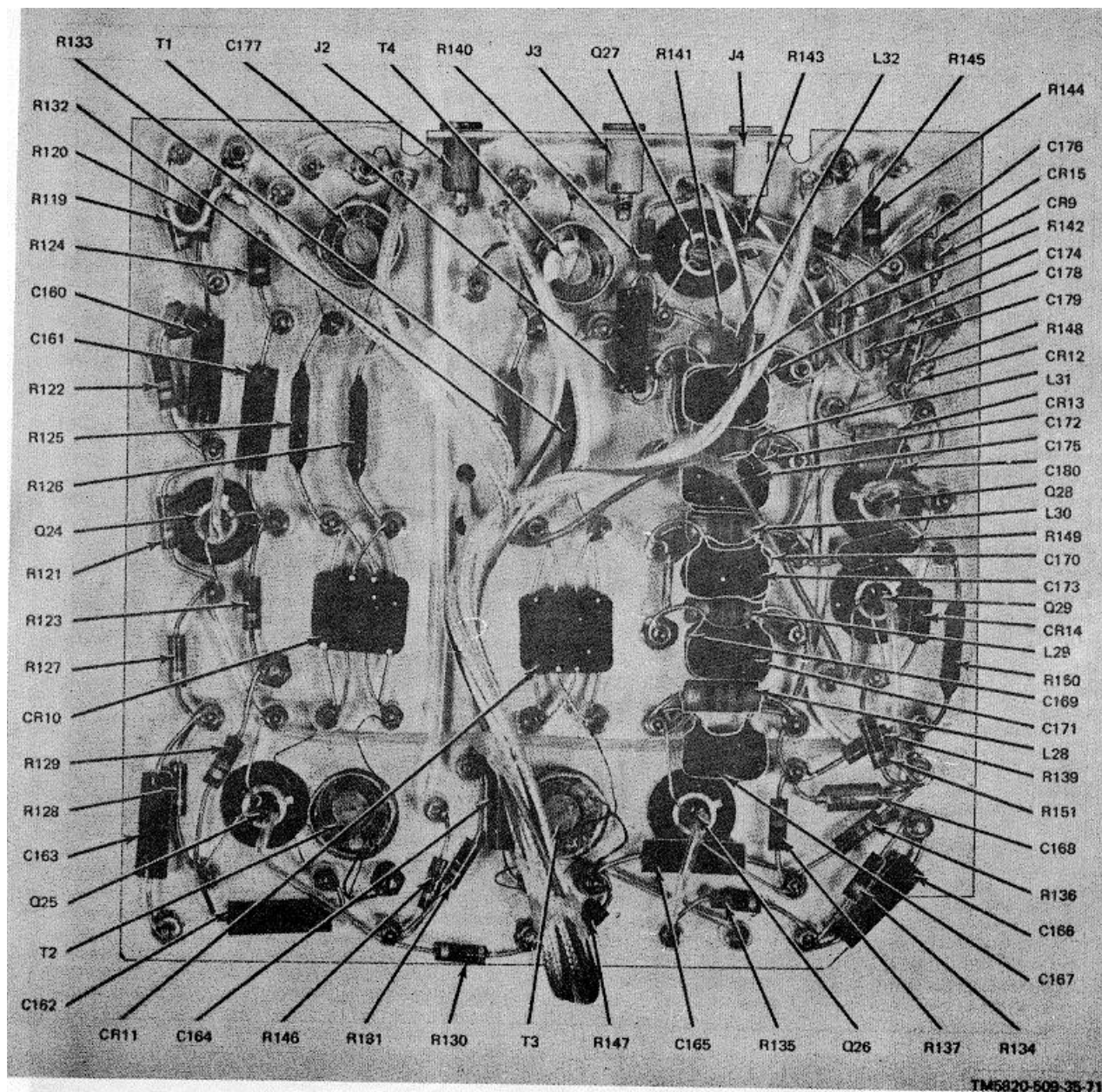


Figure 3-56. Oscillator Control C-4311/PRC-47 (A8A7), Card Assembly TB1.

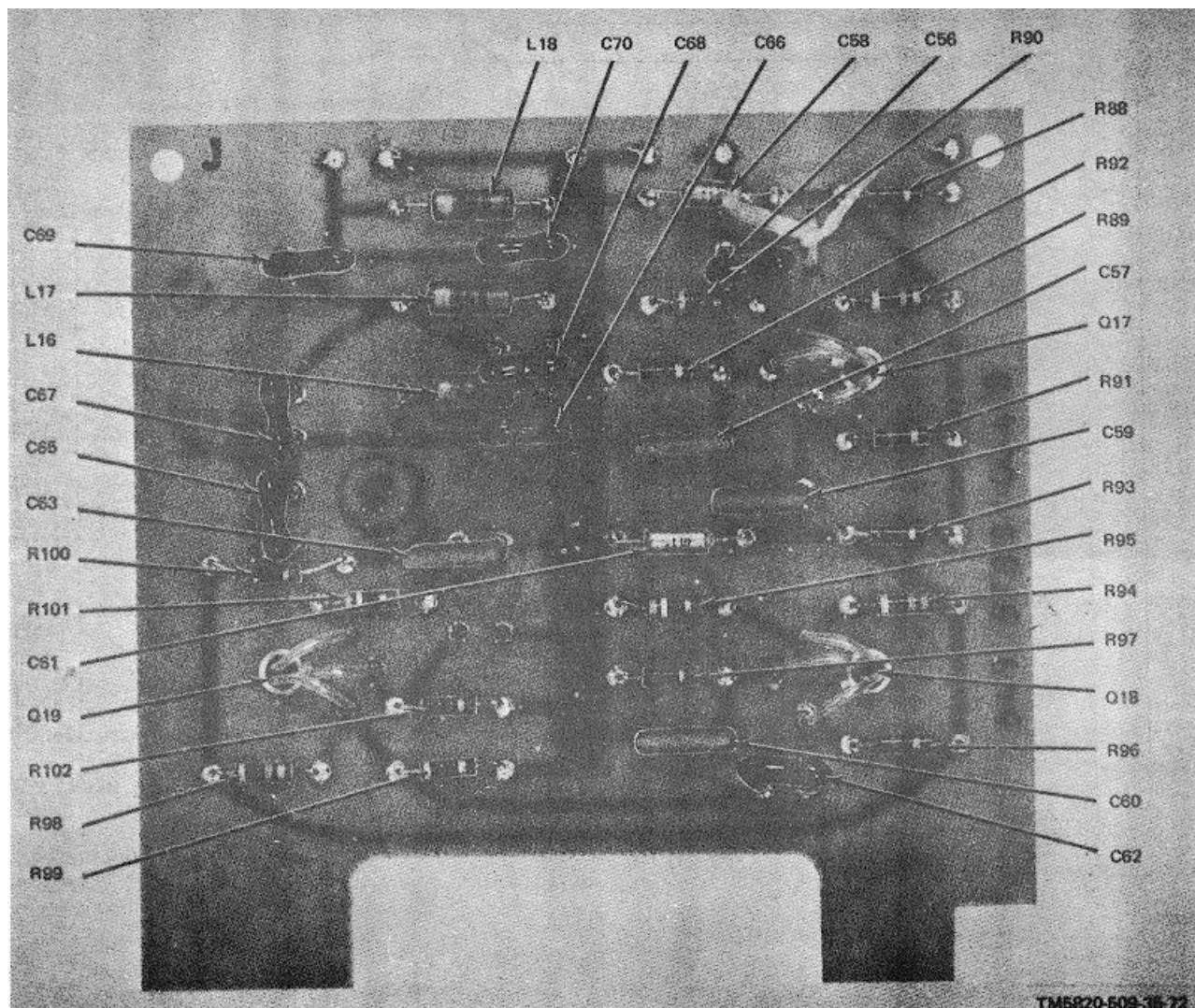


Figure 3-57. Oscillator Control C-4311/PRC 47 (A8A7), Card Assembly E4.

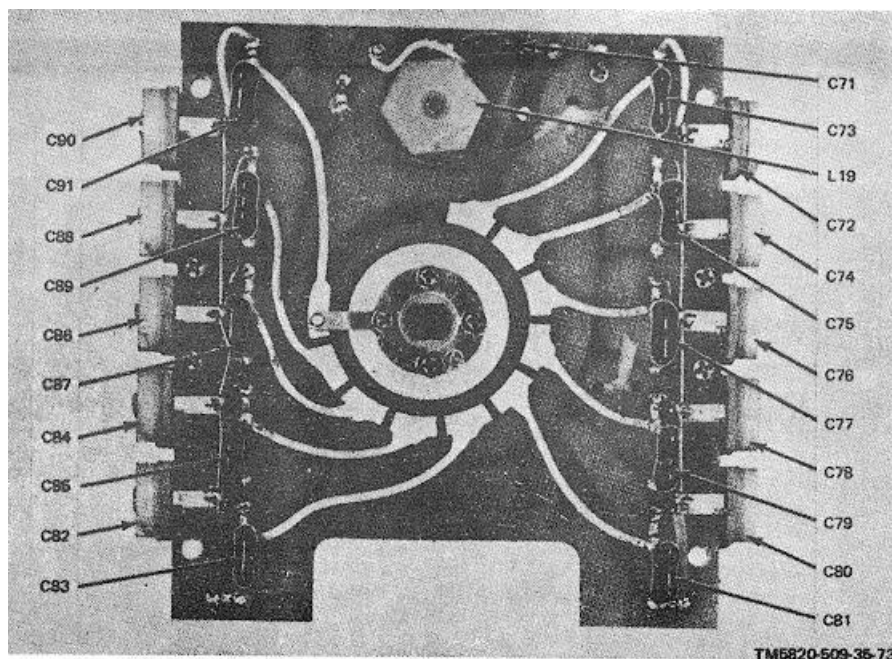


Figure 3-58. Oscillator Control C-4311/PRC-47 (A8A7), Card Assembly E5.

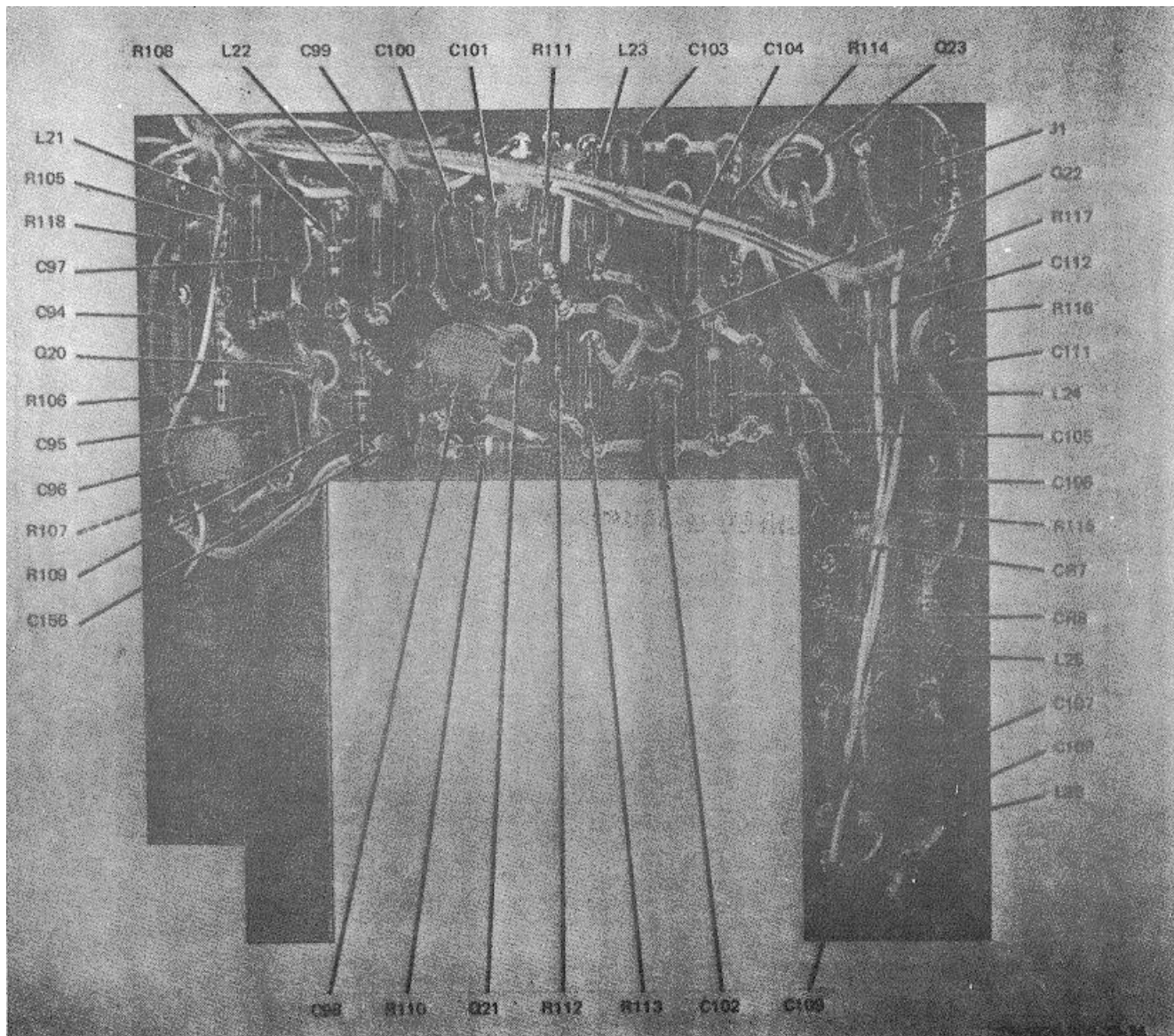


Figure 3-59. Oscillator Control C-4311/PRC-47 (A8A7), Card Assembly E6.

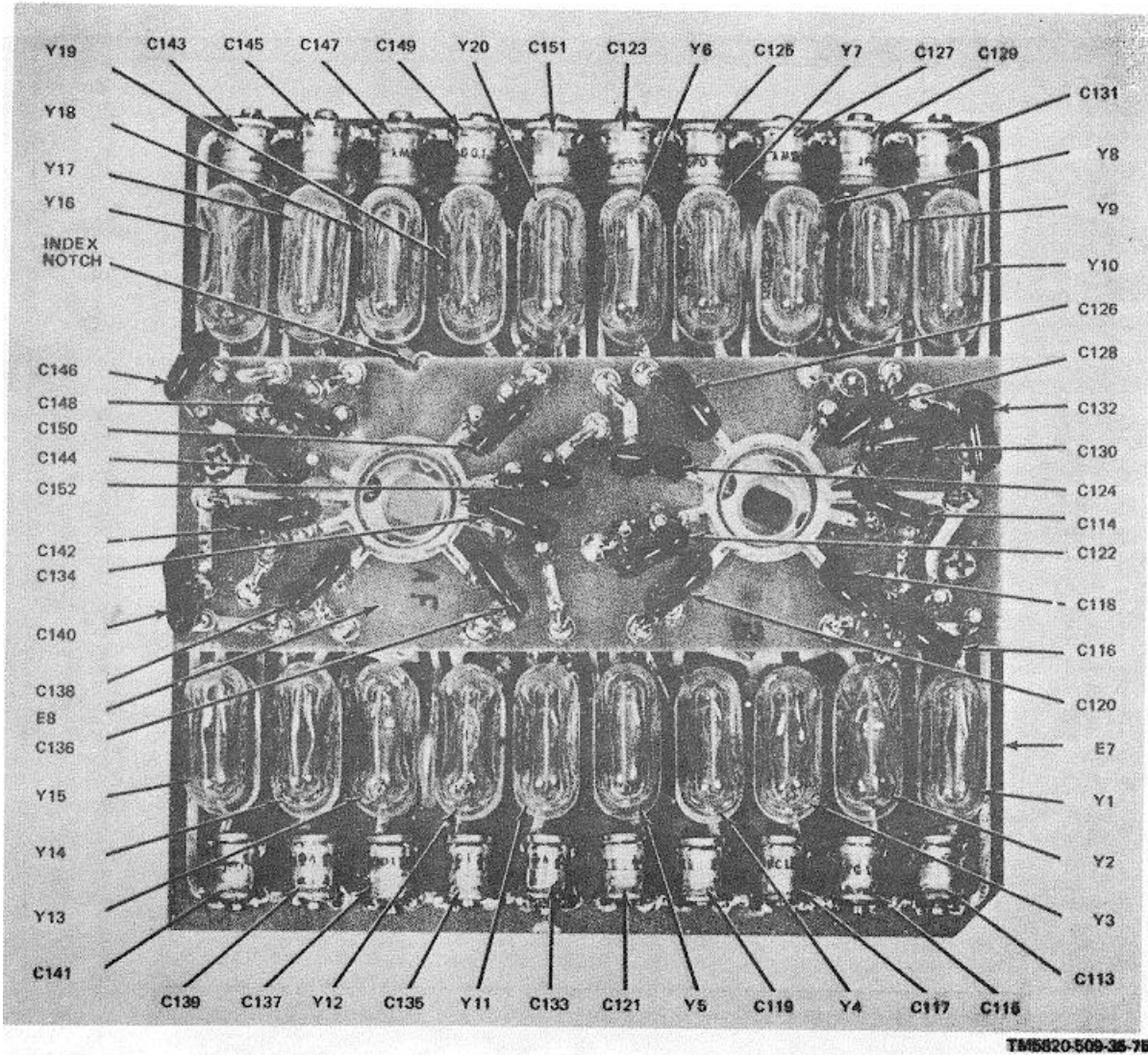


Figure 3-60. Oscillator Control C-4311/PRC-47 (A8A7), Card Assemblies E7 and E8, Front View.

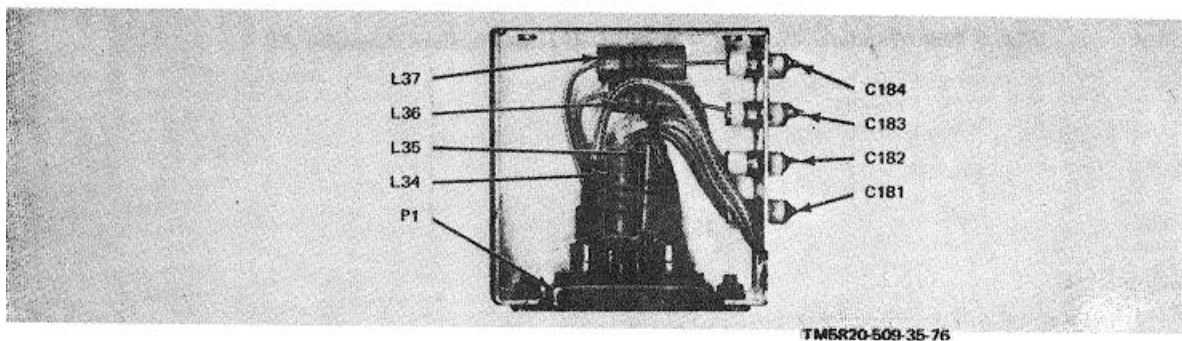


Figure 3-61. Oscillator Control C-4311 PRC-47 (A8A7), Line Filter Assembly At Connector P1, Cover Removed.

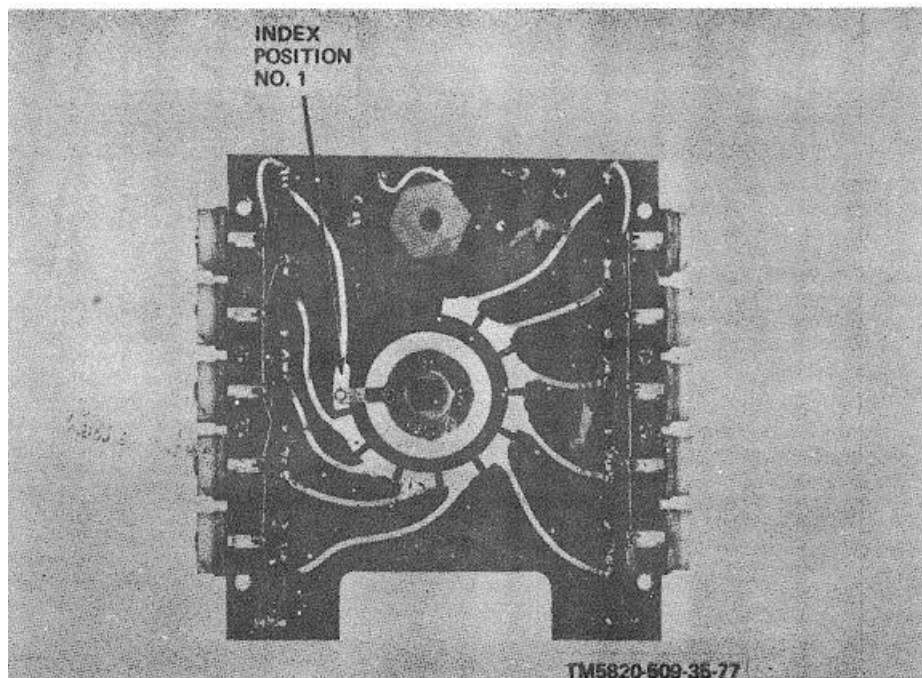
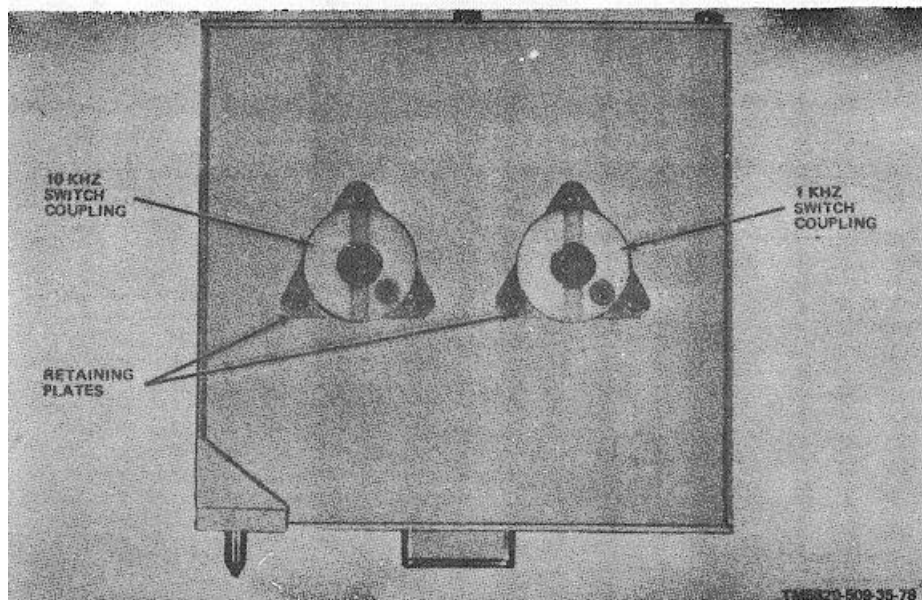


Figure 3-62. Oscillator Control C-4311/PRC-47 (A8A7), Switch Card S5 With Rotor Shown in Index Position no. 1.



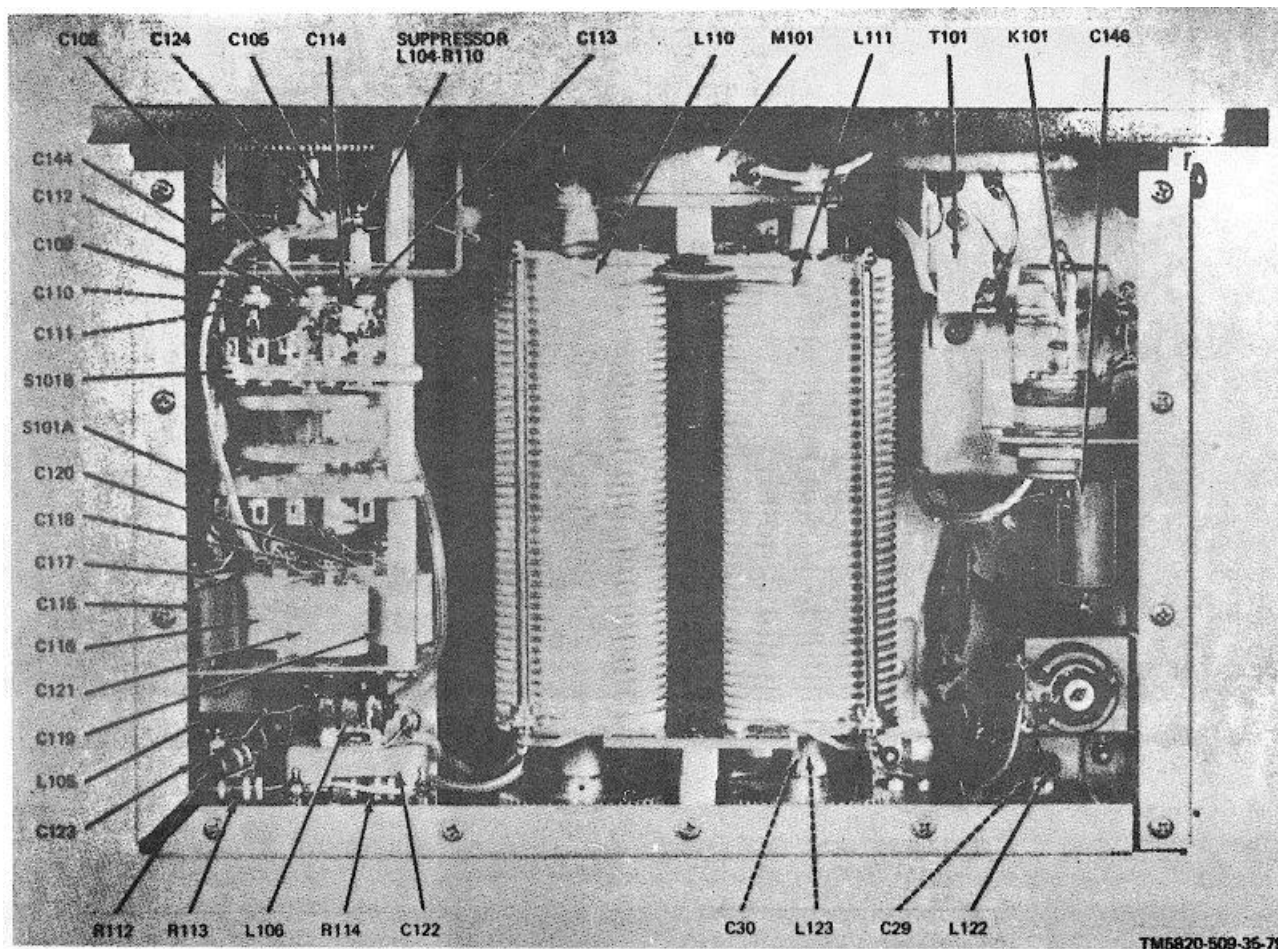


Figure 3-64. Power Amplifier Compartment (A8A4A1), Top View, Cover Removed.

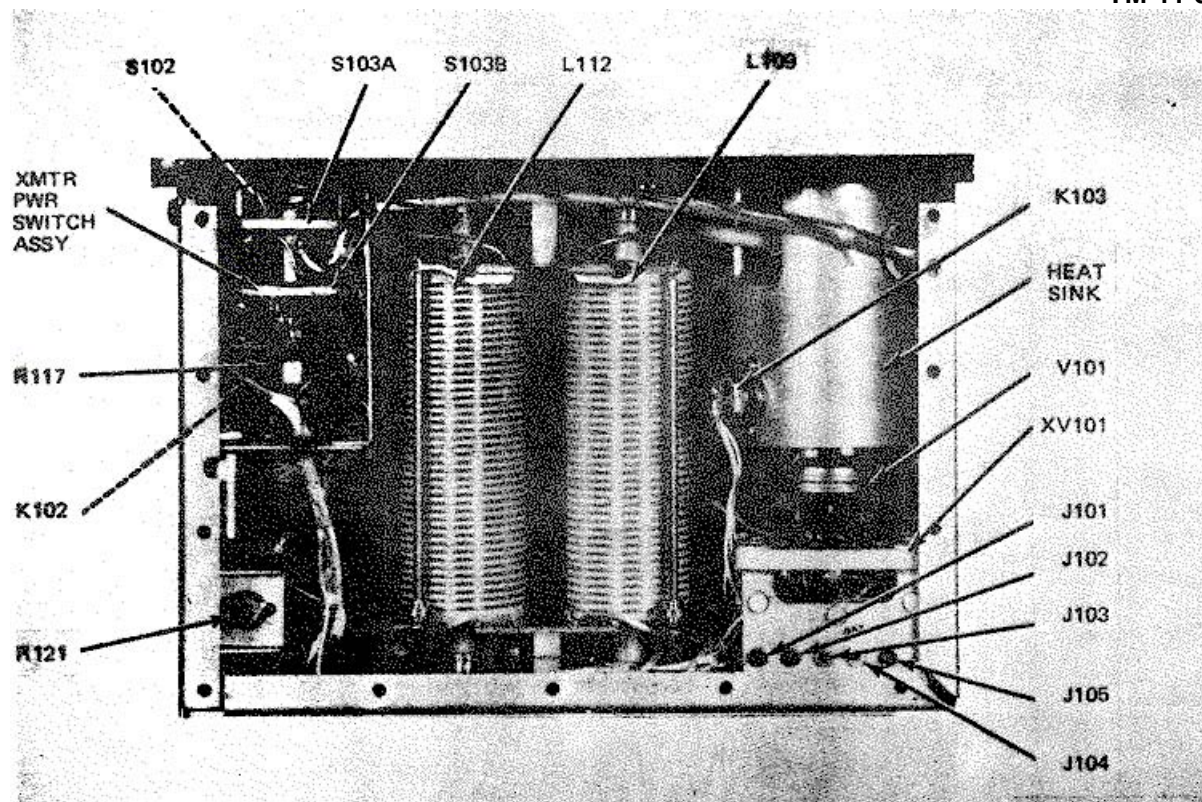


Figure 3-65. Power Amplifier Compartment (A8A4A1) , Bottom View, Cover Removed.

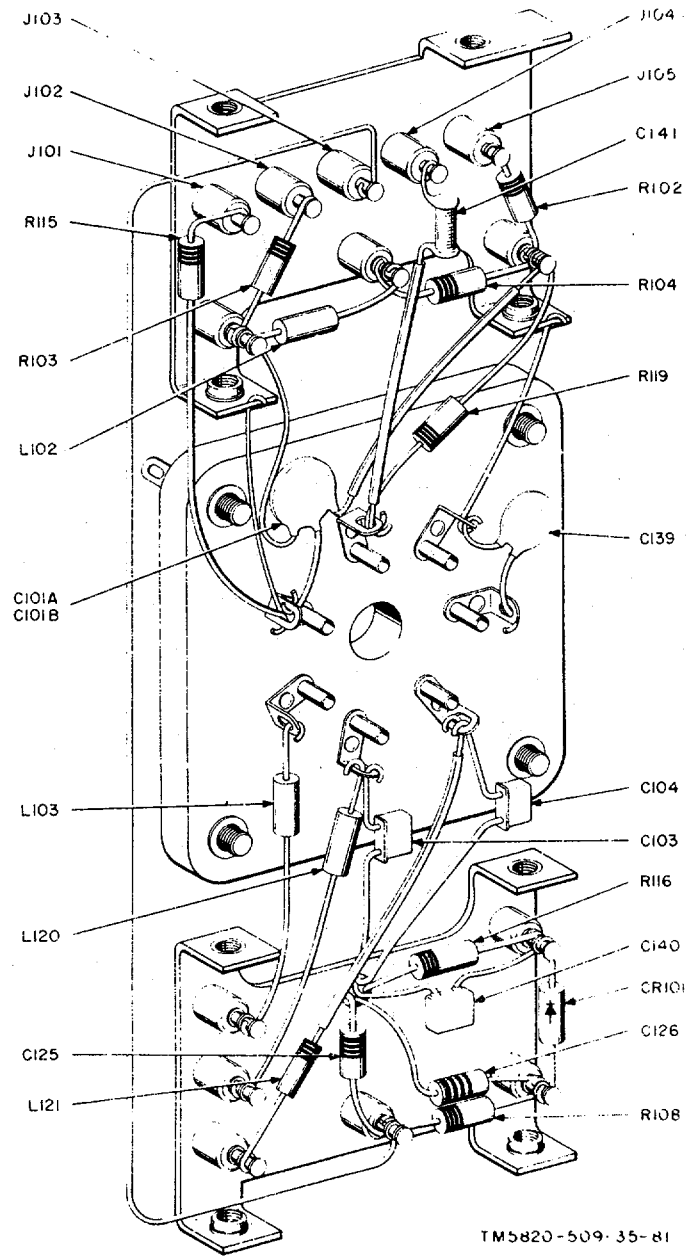


Figure 3-66. Power Amplifier Compartment (A8A4A1) , Power Amplifier Subassembly Parts Location.
3-56

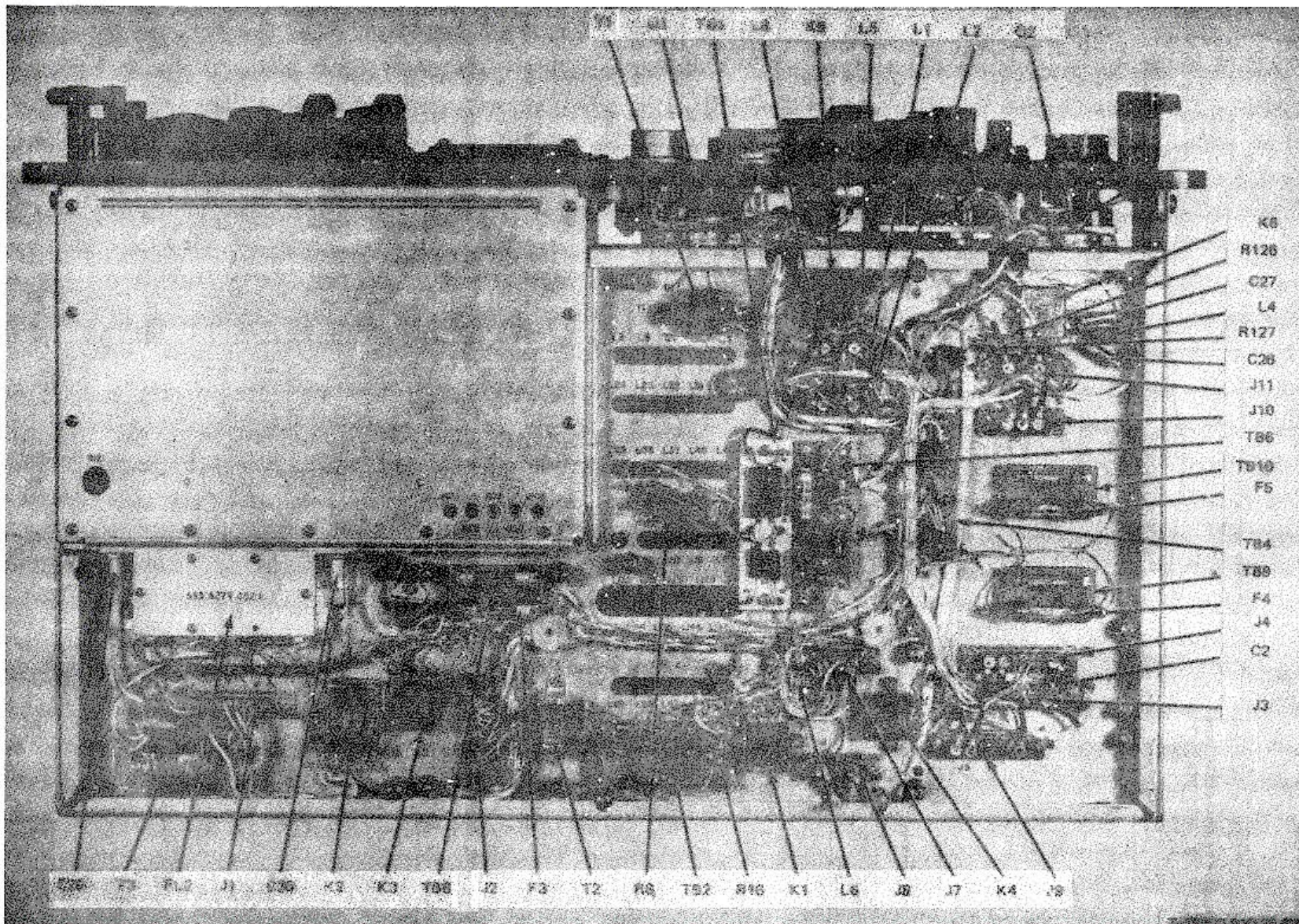


Figure 3-67. Radio Receiver Transmitter, RT 671/PRC-47 (CH-474/PRC) (A8A4), bottom view, cover removed.

DC WINDING RESISTANCES IN OHMS

| | |
|--------------|-----|
| K1-A TO K1-B | 800 |
| L1-1 TO L1-2 | 180 |
| L2-1 TO L2-2 | 30 |
| L2-2 TO L2-3 | 420 |

NOTE:
ALL TRANSISTOR VOLTAGES ARE MEASURED FROM ELECTRODE TO GROUND IN RECEIVE MODE, Q5 WITH THE TELEGRAPH KEY OPEN AND CLOSED, AND Q6 AND Q7 WITH NO AUDIO INPUT OR WITH 0.1V RMS AUDIO INPUT.

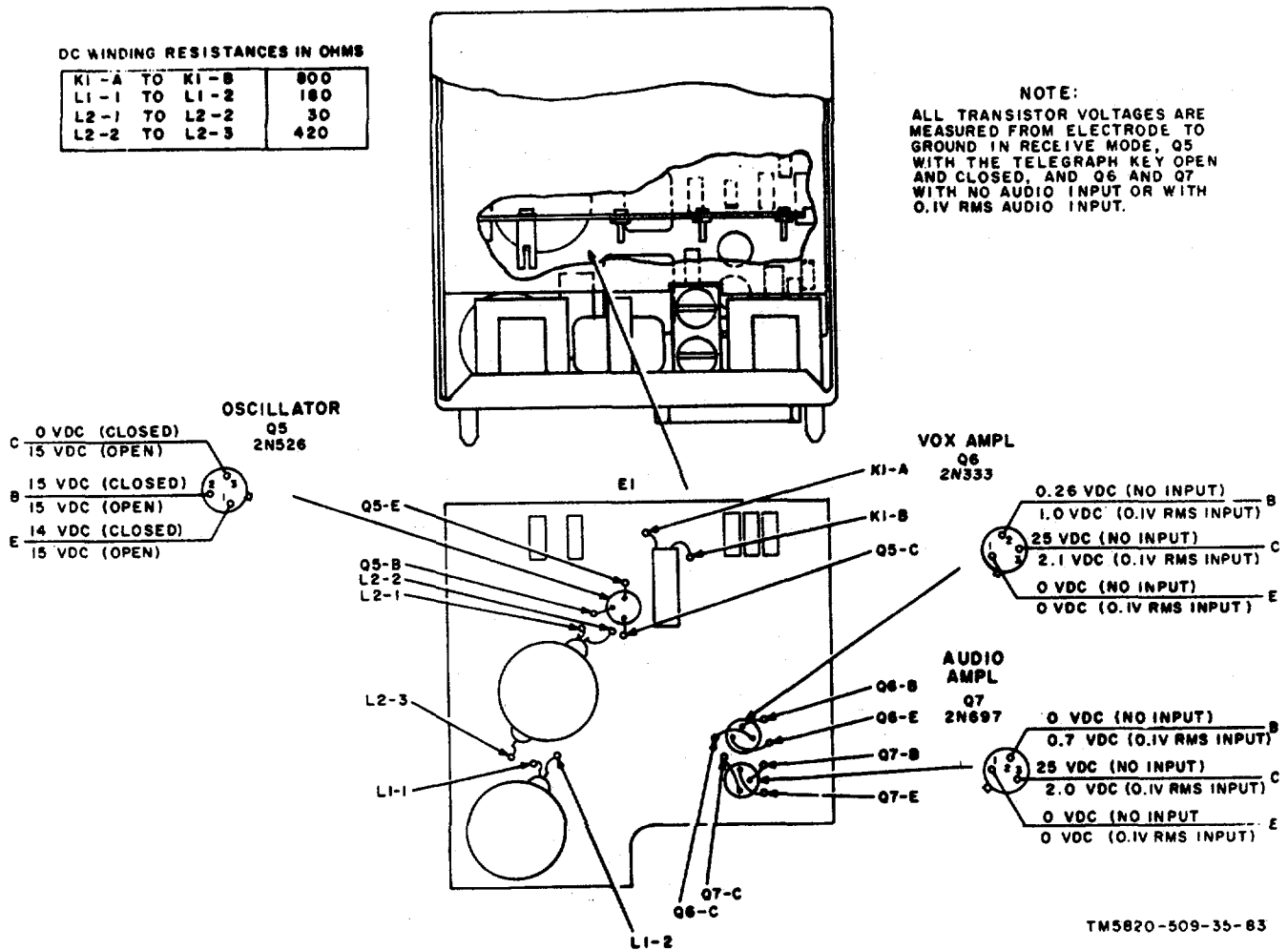


Figure 3-68. Audio Frequency Amplifier AM-3506/PRC-47 (A8A1), Subassembly E1, Voltage and Resistance Diagram.

DC WINDING RESISTANCES IN OHMS

| | |
|------------------|---------------------------|
| TI-RED TO TI-BLU | 400 (R12 CONNECTED) |
| TI-YEL TO TI-GRN | 175 |

NOTE:
ALL TRANSISTOR VOLTAGES ARE
MEASURED FROM ELECTRODE TO
GROUND IN RECEIVE MODE WITH
NO INPUT SIGNAL.

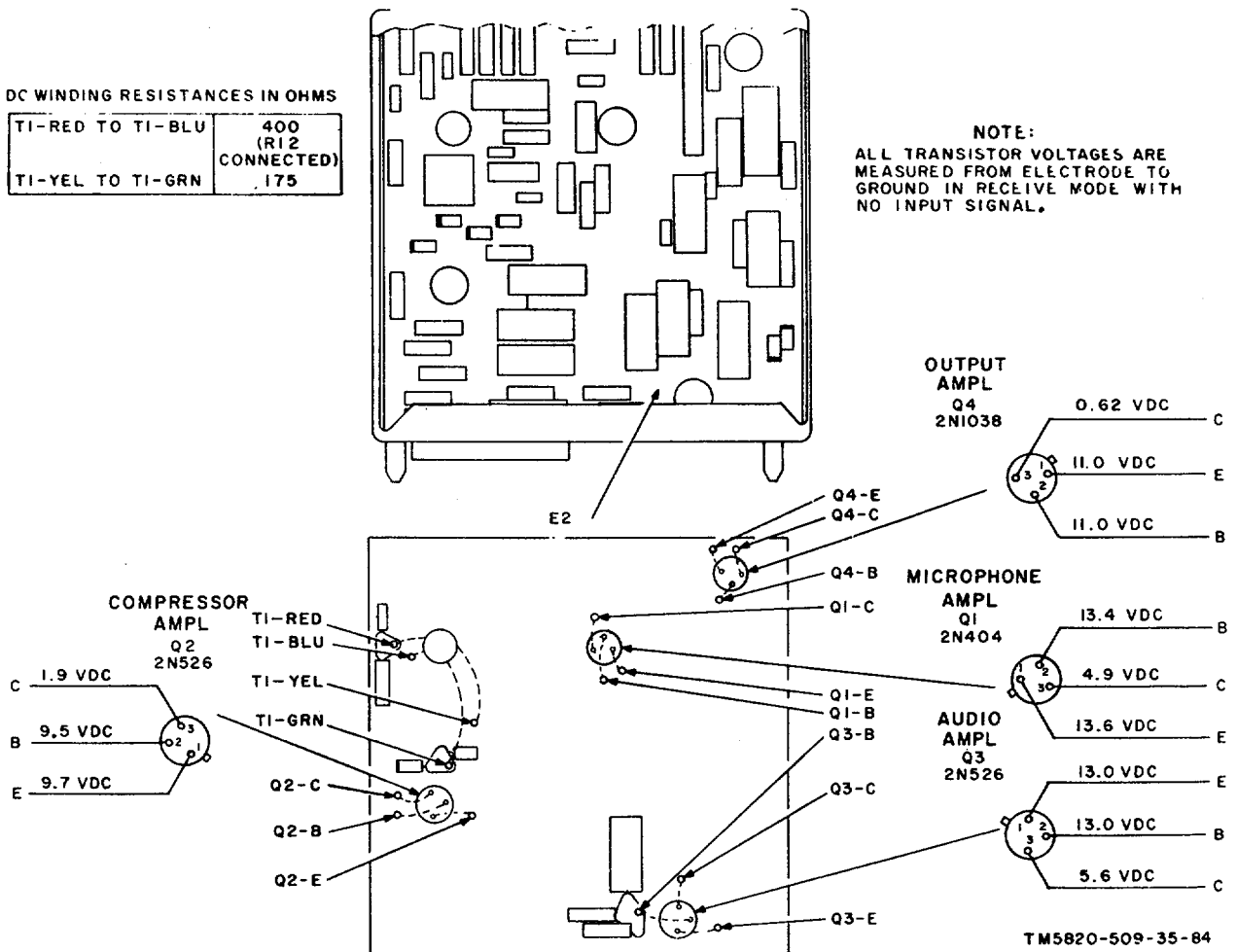


Figure 3-69. Audio Frequency Amplifier AM-3506/PRC-47 (A8A1), Subassembly E2, Voltage and Resistance Diagram.

DC WINDING RESISTANCES IN OHMS

| | |
|--------------|-----|
| L3-1 TO L3-2 | 425 |
|--------------|-----|

NOTE:

ALL TRANSISTOR VOLTAGES ARE MEASURED FROM ELECTRODE TO GROUND IN THE RECEIVE MODE WITH NO SIGNAL.

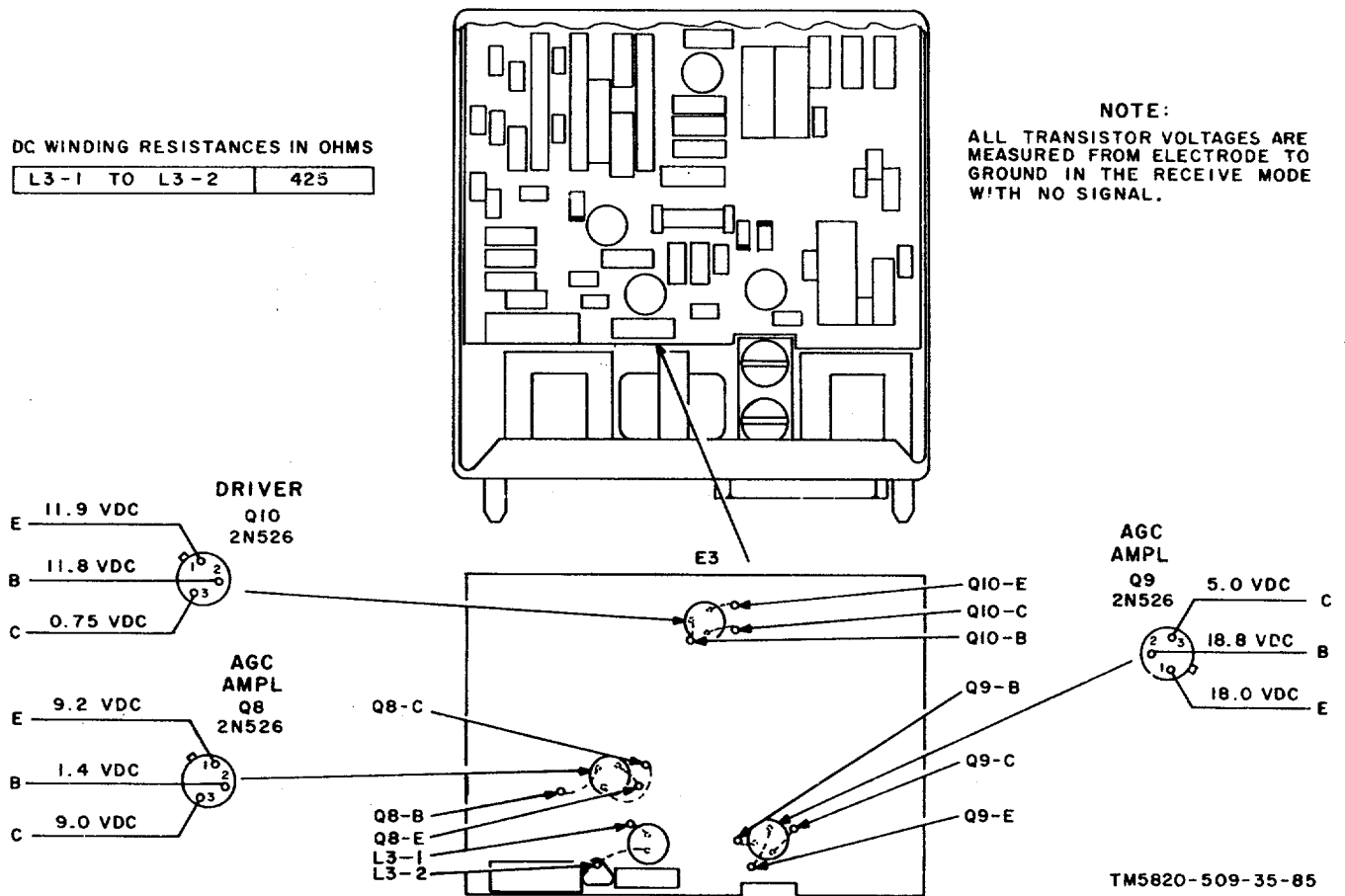
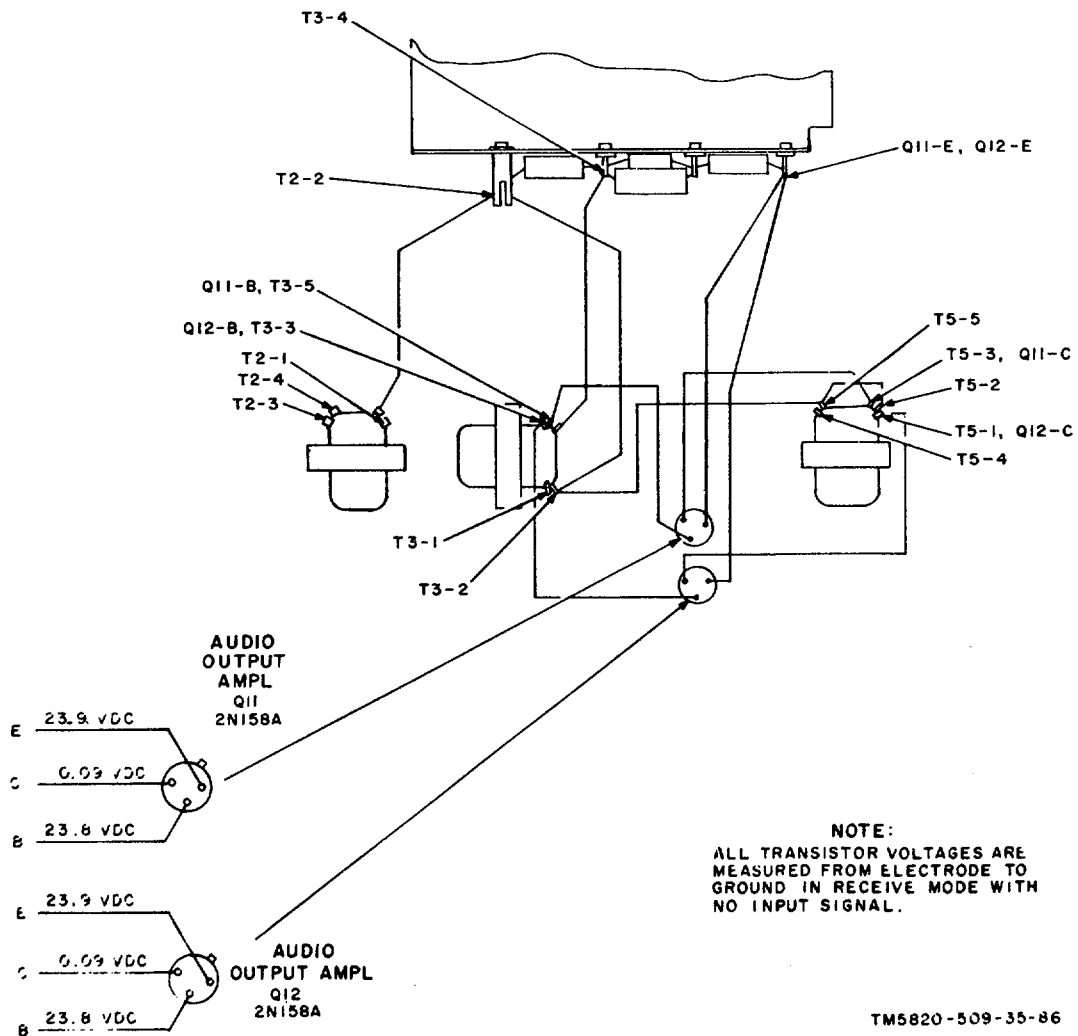
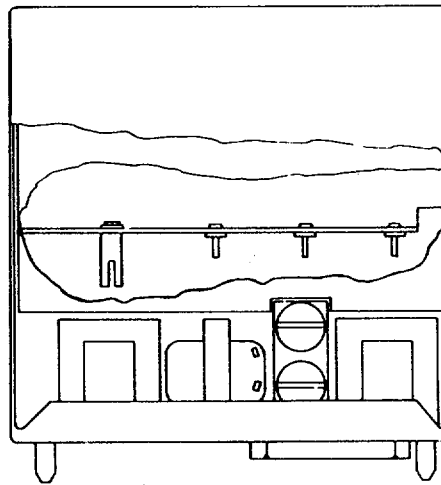


Figure 3-70. Audio Frequency Amplifier AM-3506/PRC-47 (A8A1), Subassembly E3, Voltage and Resistance Diagram.

DC WINDING RESISTANCES IN OHMS

| | |
|--------------------------------|-----|
| T2-1 TO T2-2 | 150 |
| T2-3 TO T2-4 | 15 |
| (INFINITE WITH METER REVERSED) | |
| T3-1 TO T3-2 | 325 |
| T3-3 TO T3-4 | 100 |
| T3-4 TO T3-5 | 100 |
| T5-1 TO T5-2 | 80 |
| T5-2 TO T5-3 | 80 |
| T5-4 TO T5-5 | 100 |



NOTE:
ALL TRANSISTOR VOLTAGES ARE MEASURED FROM ELECTRODE TO GROUND IN RECEIVE MODE WITH NO INPUT SIGNAL.

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Figure 3-71. Audio Frequency Amplifier AM-3506/PRC-47 (A8A1), Chassis Assembly, Voltage and Resistance Diagram.

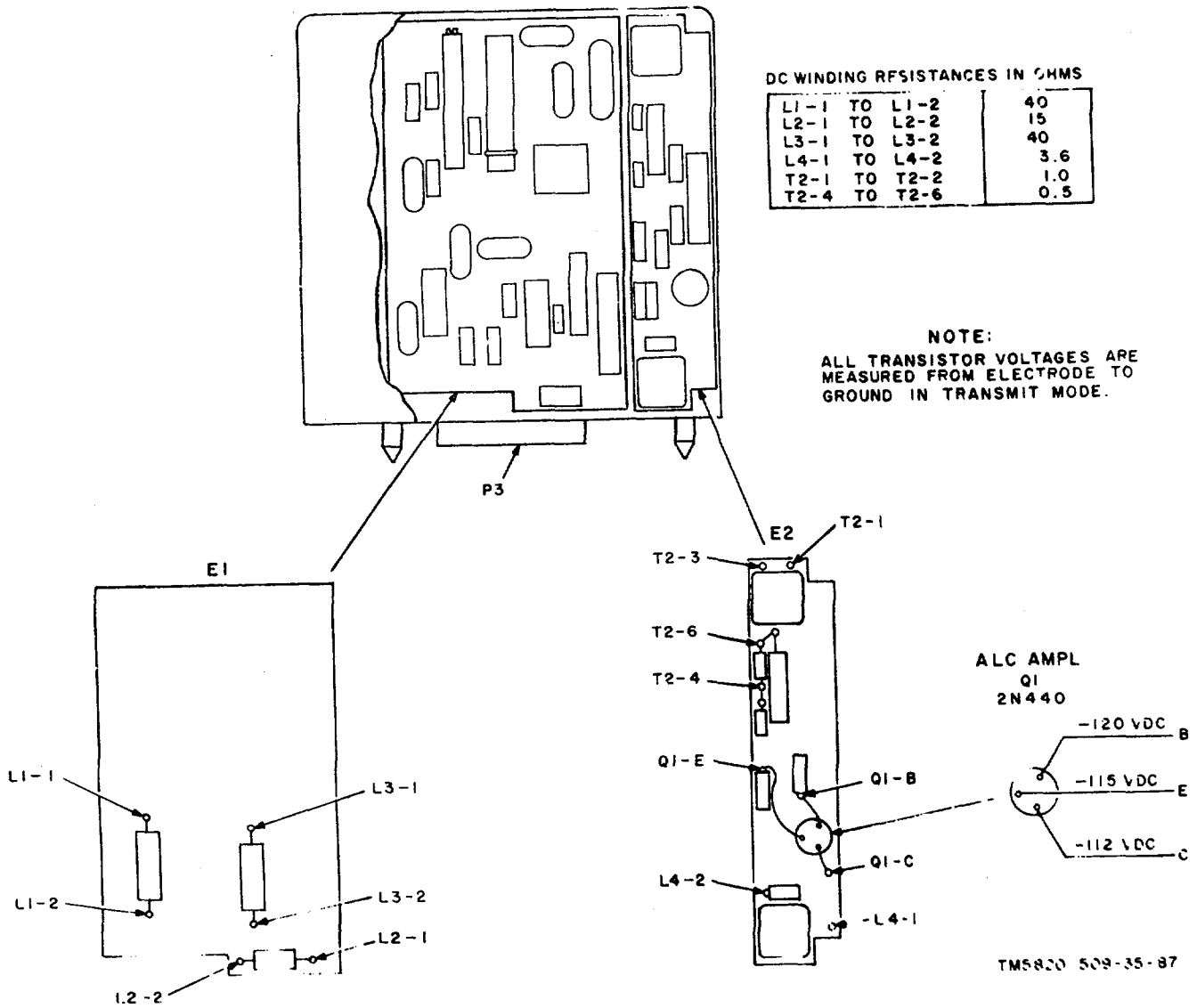


Figure 3-72. Amplifier-Modulator AM-3507/PRC-47(A8A2), Subassemblies E1 and E2, Voltage and Resistance Diagram.

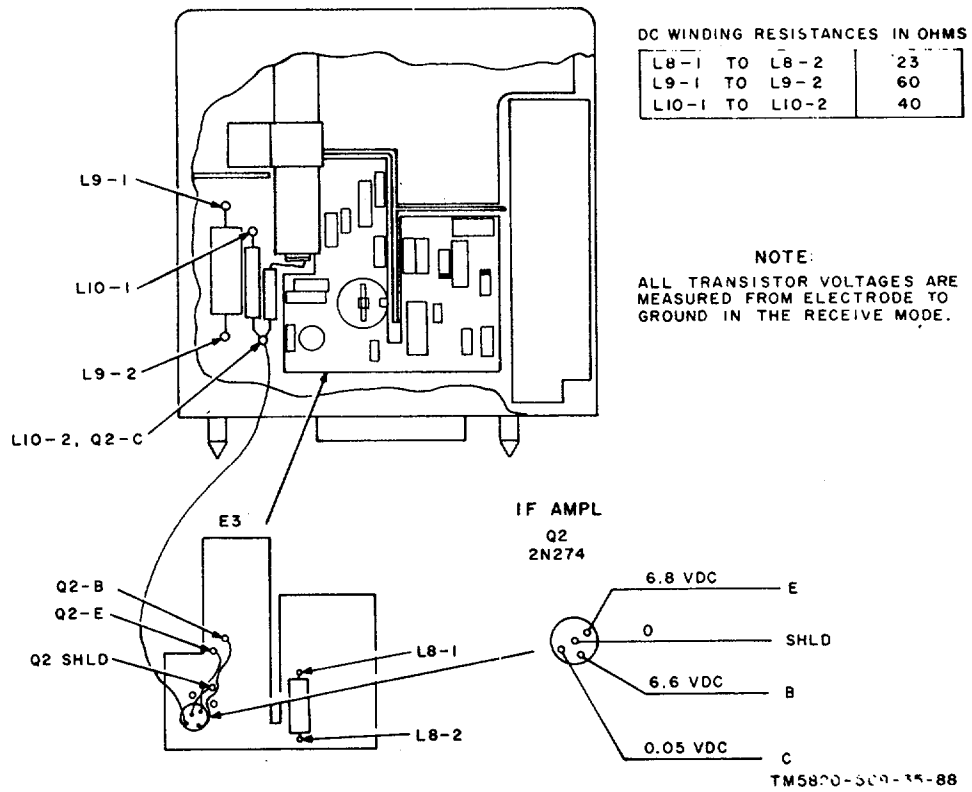


Figure 3-73. Amplifier-Modulator AM-3507/PRC-47 (A8A2), Subassembly E3, Voltage and Resistance Diagram.

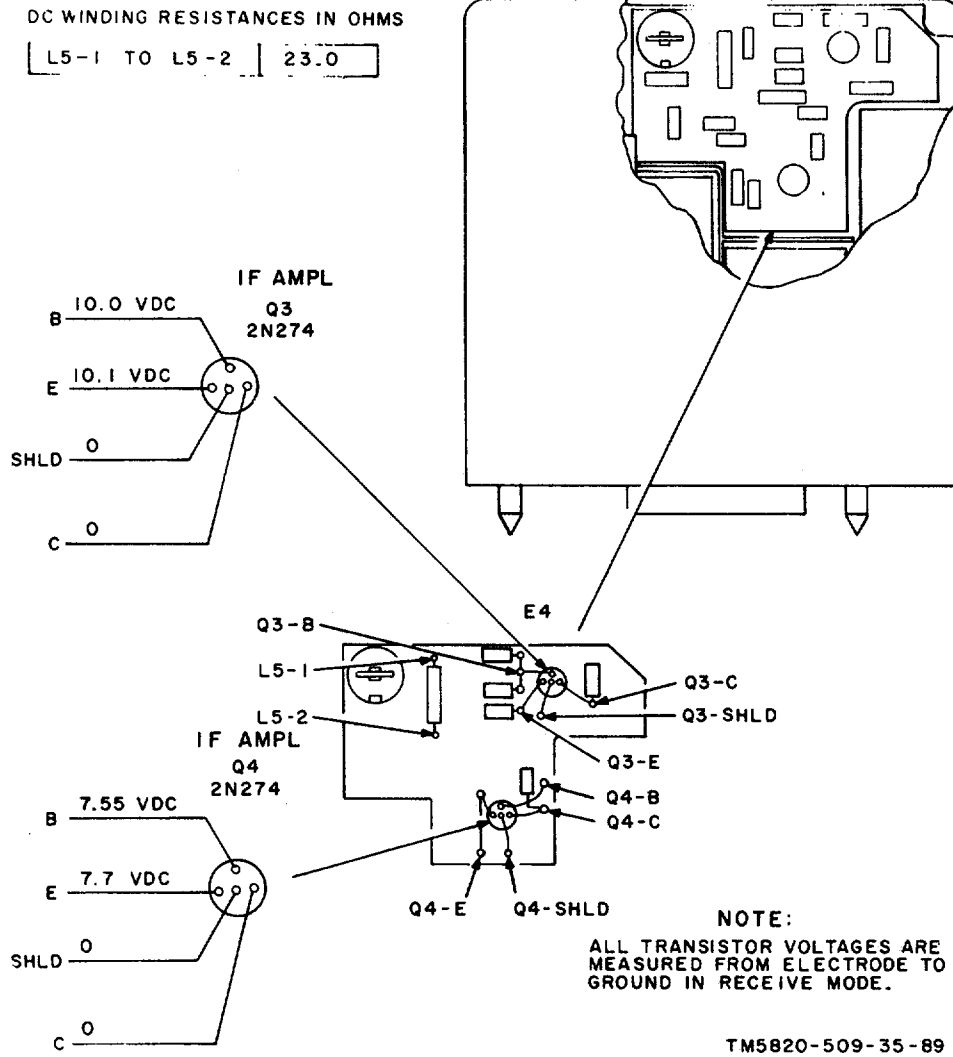


Figure 3-74. Amplifier-Modulator AM-3507/PRC-47 (A8A2), Subassembly E4, Voltage and Resistance Diagram.

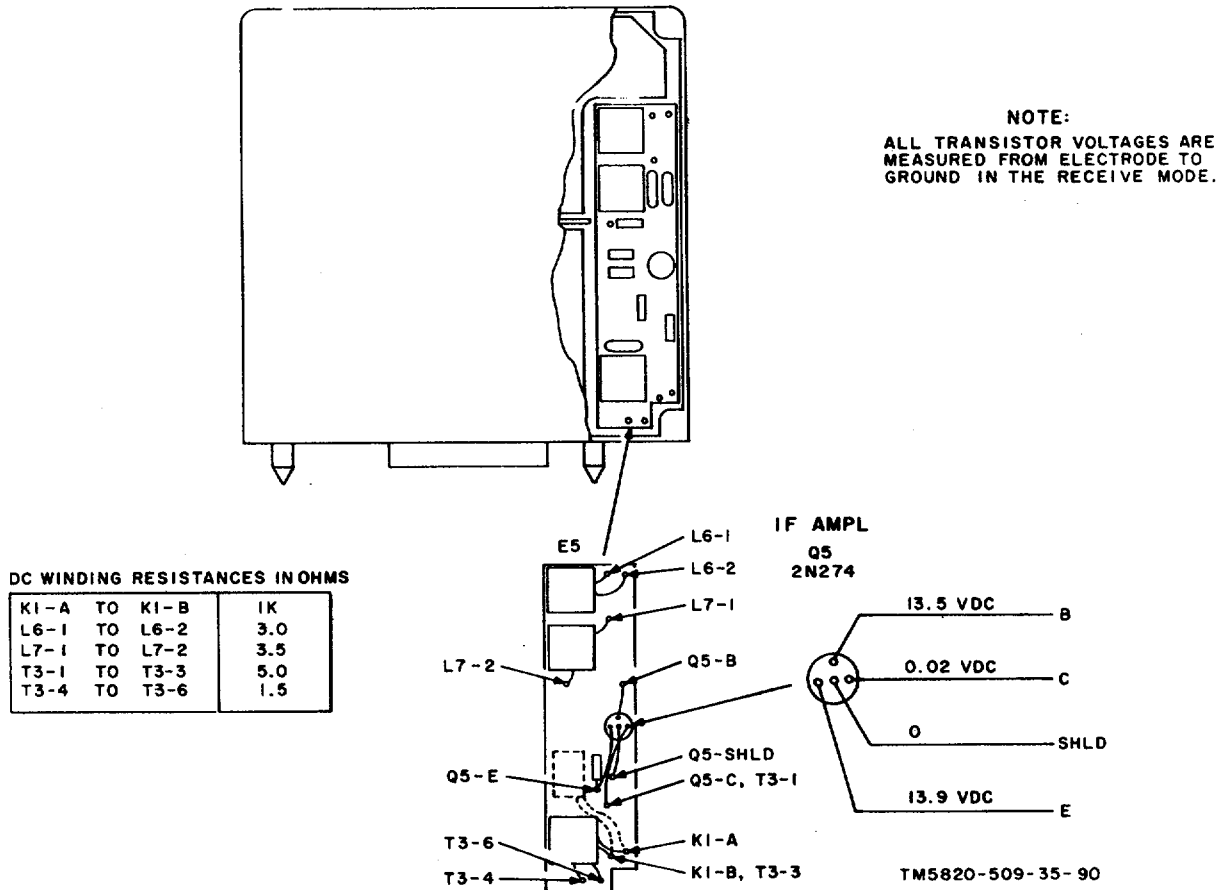


Figure 3-75. Amplifier-Modulator AM-3507/PRC-47 (A8A2), Subassembly E5, Voltage and Resistance Diagram.
3-65

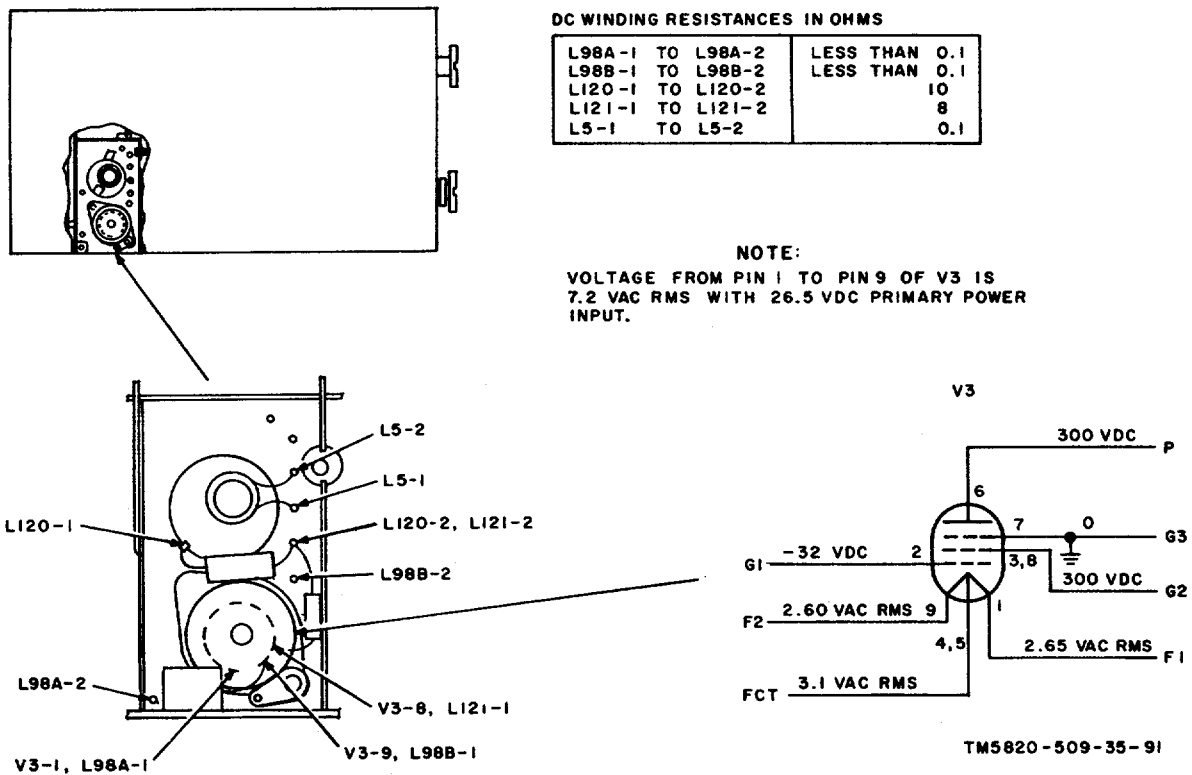


Figure 3-76. Signal Data Translator CV-1377A/PRC-47 (A8A3), Driver Tube (V3) Compartment, Voltage and Resistance Diagram.

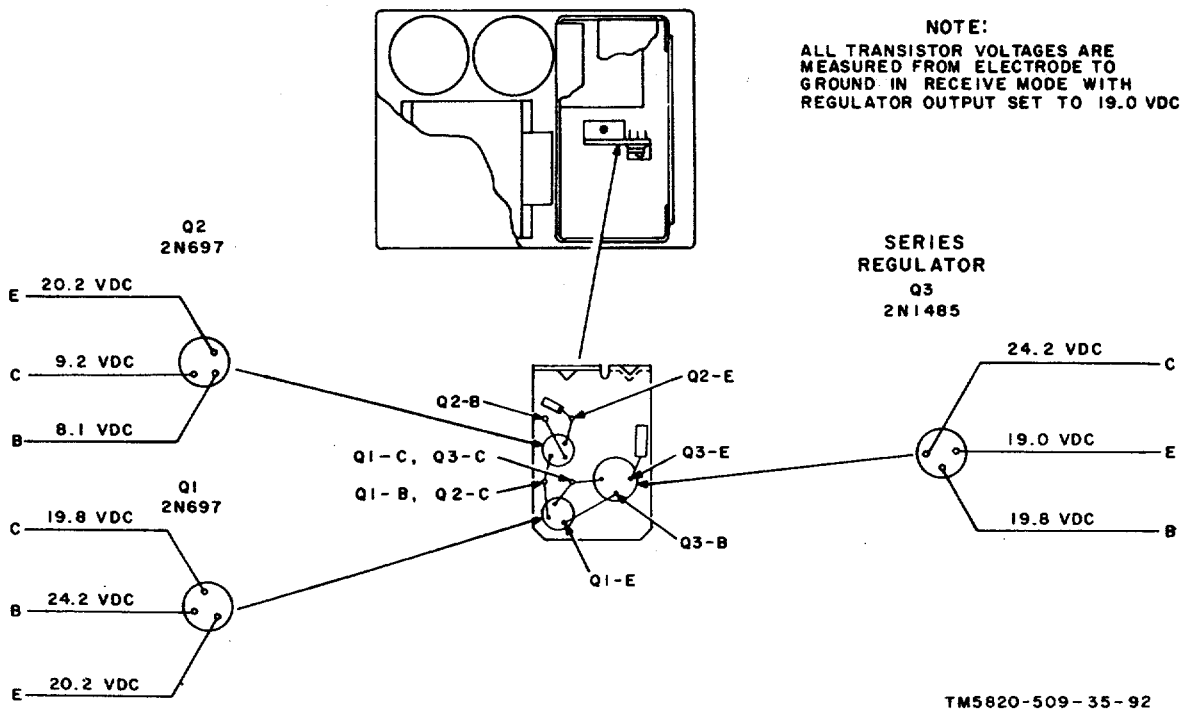


Figure 3-77. Power Supply PP-3518/PRC-47(A8A5), Voltage Regulator Assembly TB1, Voltage and Resistance Diagram.

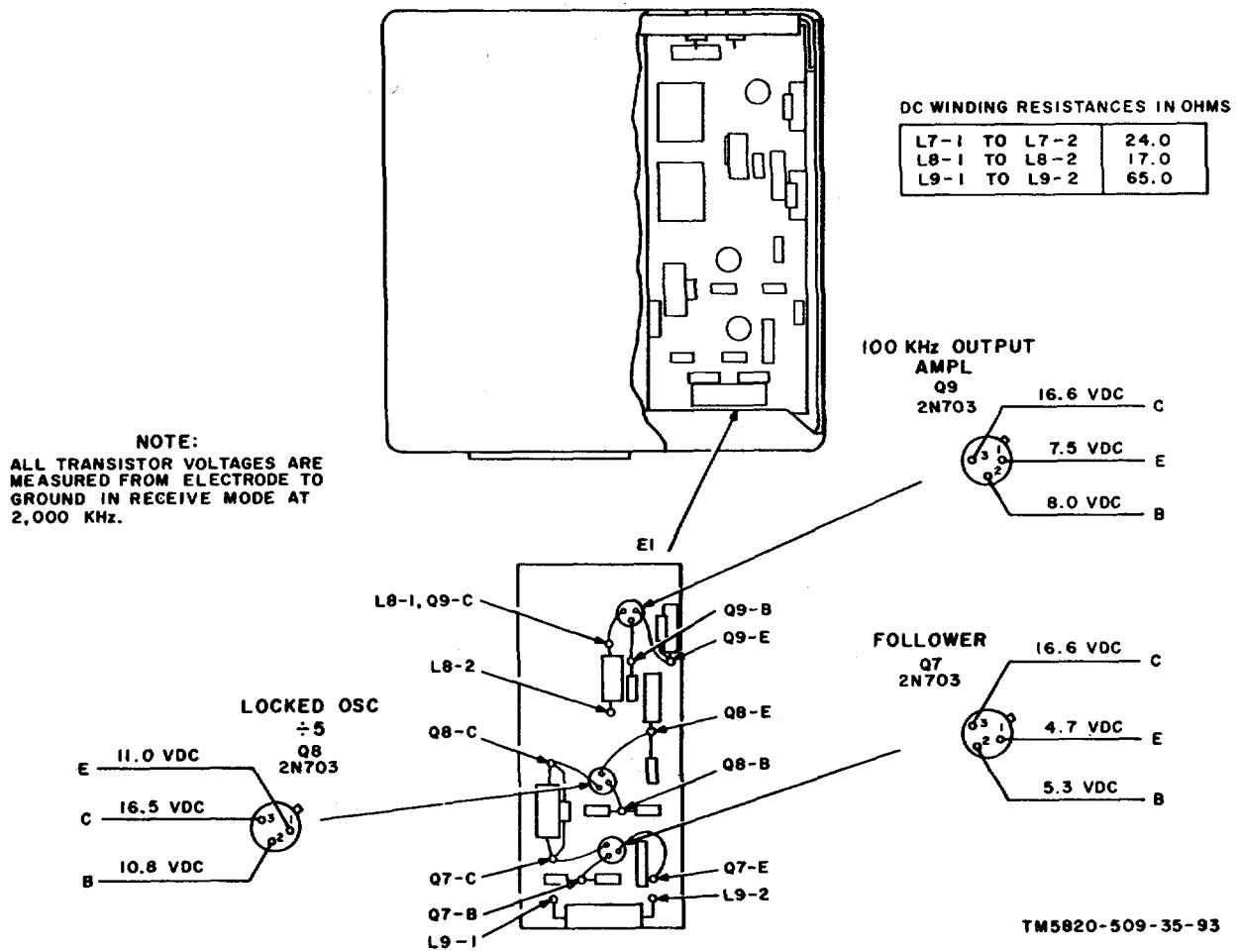
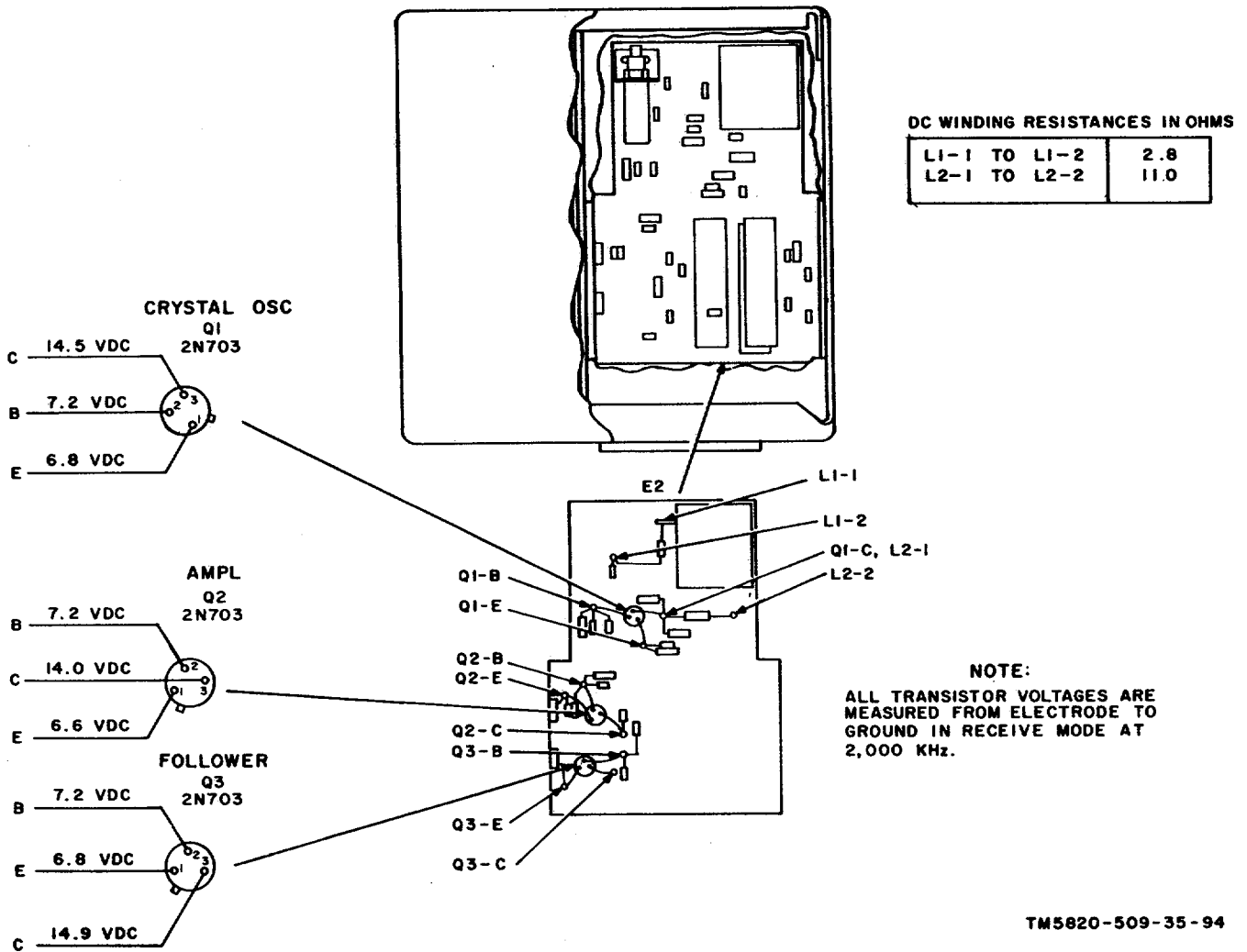


Figure 3-78. Radio Frequency Oscillator O-1032/PRC-47 (A8A6), Subassembly E1, Voltage and Resistance Diagram.



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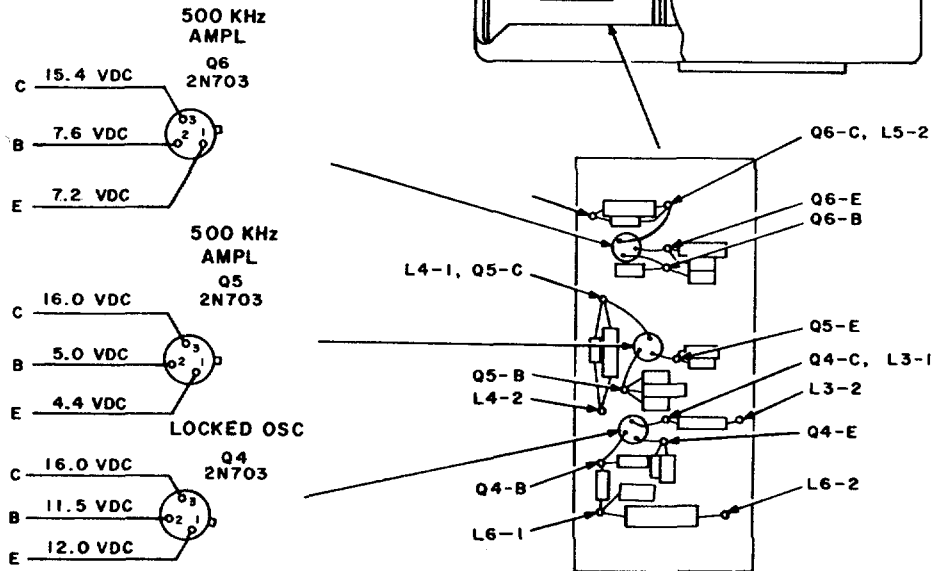
Figure 3-79. Radio Frequency Oscillator O-1032/PRC-47(A8A6), Subassembly E2, Voltage and Resistance Diagram.

DC WINDING RESISTANCES IN OHMS

| | |
|--------------|------|
| L3-1 TO L3-2 | 6.5 |
| L4-1 TO L4-2 | 16.0 |
| L5-1 TO L5-2 | 4.0 |
| L6-1 TO L6-2 | 60.0 |

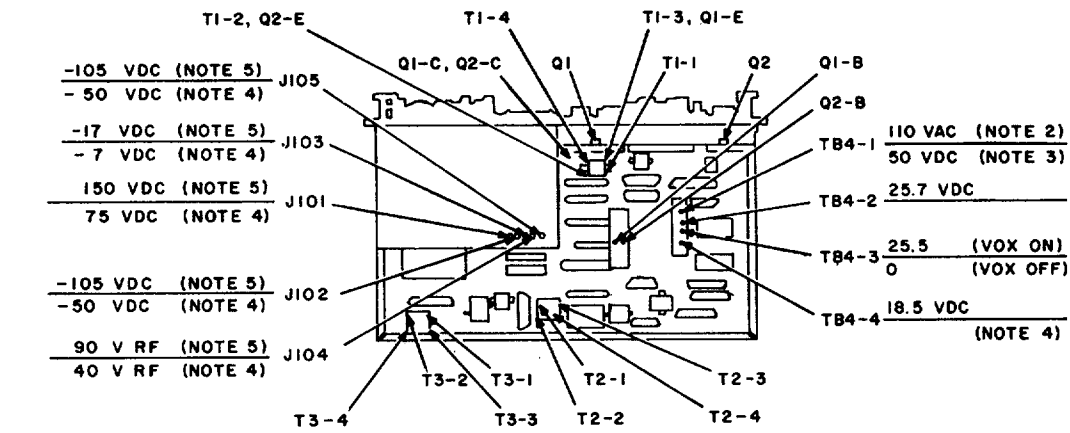
NOTE:

ALL TRANSISTOR VOLTAGES ARE MEASURED FROM ELECTRODE TO GROUND IN RECEIVE MODE AT 2,000 KHz.



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Figure 3-80-. Radio Frequency Oscillator O-1032/PRC-47 (A8A6), Chassis Assembly, Voltage and Resistance Diagram.

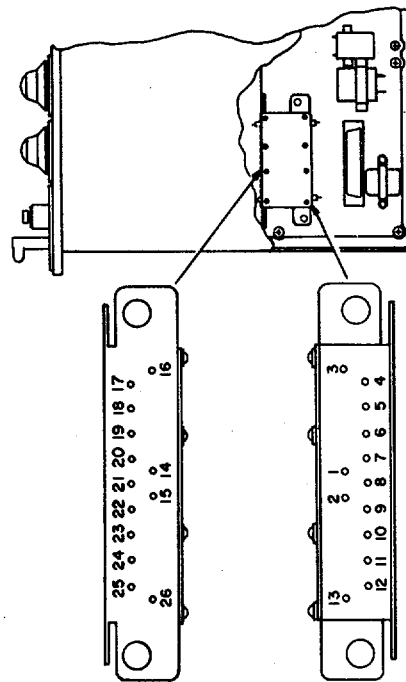


| DC WINDING RESISTANCE | |
|-----------------------|---------------|
| TI-1 TO TI-2 | 0.8 |
| TI-2 TO TI-3 | 0.8 |
| TI-3 TO TI-4 | 0.8 |
| T2-1 TO T2-2 | 80 |
| T2-3 TO T2-4 | 2.2 |
| T3-1 TO T3-2 | LESS THAN 0.2 |
| T3-3 TO T3-4 | 0.5 |

- NOTES:**
1. WITH 87.0 VOLTS RF GRID DRIVE AT 2.0 MHz THE OUTPUT IS 42.0 VOLTS RF (30.7 VOLTS MINIMUM) ACROSS THE RESISTIVE PORTION OF THE ANTENNA SIMULATOR.
 2. WITH 115 VAC PRIMARY POWER SOURCE.
 3. WITH 26.5 VDC PRIMARY POWER SOURCE.
 4. WITH VOLTAGE REGULATOR OUTPUT SET TO 19 VDC.
 5. WITH XMTR PWR SWITCH SET TO HI.
 6. WITH XMTR PWR SWITCH SET TO LO.

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Figure 3-81. Electrical Equipment Chassis CH-474/PRC-47 (A8), Power Oscillator Assembly, Voltage and Resistance Diagram.



| TERM NO. | RESISTANCE IN OHMS | VOLTAGE (NOTE 1) |
|----------|--------------------|----------------------|
| 1-14 | 0 | 7 VAC RMS (NOTE 2) |
| 1-14 | 0 | 2.9 VAC RMS (NOTE 3) |
| 2-15 | 0 | 7 VAC RMS (NOTE 2) |
| 2-15 | 0 | 3.0 VAC RMS (NOTE 3) |
| 1-2 | - | 7.4 VAC RMS (NOTE 2) |
| 1-2 | - | 6.2 VAC RMS (NOTE 3) |
| 3-16 | 24 | 0 |
| 4-17 | 24 | -17 VDC |
| 5-18 | 25 | -105 VDC |
| 6-19 | 25 | -105 VDC |
| 7-20 | 26 | -105 VDC |
| 8-21 | 2.2 | 19.2 VDC |
| 9-22 | 20 | 26 VDC (NOTE 4) |
| 9-22 | - | 10 VDC (NOTE 5) |
| 9-22 | - | 0 (NOTE 6) |
| 10-23 | 24.2 | 5.2 VDC RMS |
| 11-24 | 24.5 | 0.2 VDC (NOTE 7) |
| 11-24 | - | 0 (NOTE 8) |
| 12-25 | 26 | 27 VDC (NOTE 9) |
| 12-25 | - | 0 |
| 13-26 | 24 | 2.2 VDC |

NOTES:

1. ALL VOLTAGES MEASURED FROM INPUT SIDE TO GROUND; IN TRANSMIT MODE EXCEPT AS NOTED.
2. WITH 26.5 VDC PRIMARY POWER SOURCE.
3. WITH 115 VAC PRIMARY POWER SOURCE.
4. WITH POWER LIGHTS SWITCH TO LIGHTS - HI.
5. WITH POWER LIGHTS SWITCH TO LIGHTS - LO.
6. WITH POWER LIGHTS SWITCH TO LIGHTS - OFF.
7. WITH M ADJ CONTROL AT MAXIMUM CLOCKWISE STOP.
8. WITH M ADJ CONTROL AT MAXIMUM COUNTER CLOCKWISE STOP.
9. RECEIVE MODE.

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Figure 3-82. Electrical Equipment Chassis CH-474/PRC-47, PA Filter Box FL2 (A8A4) Voltage and Resistance Diagram.

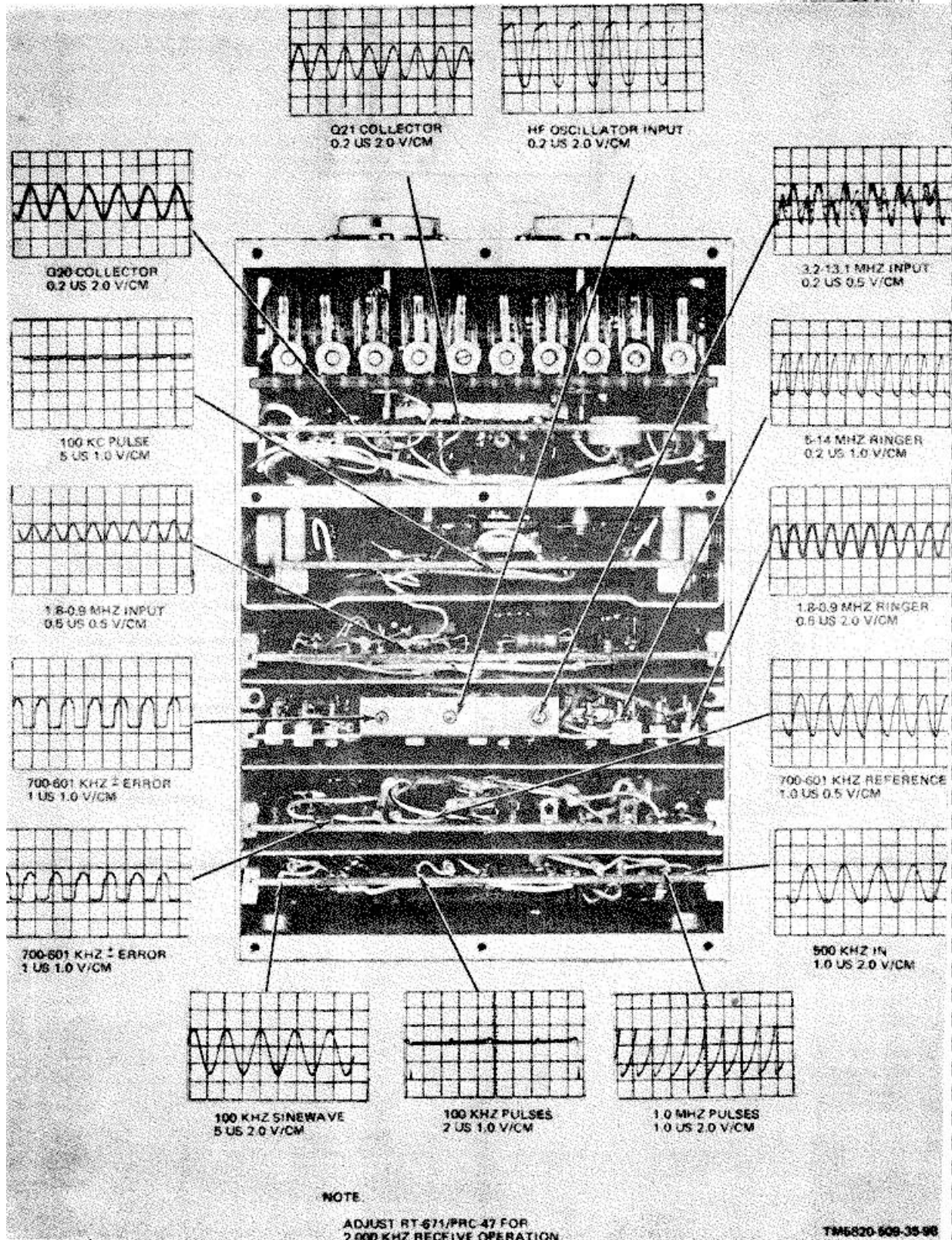


Figure 3-83. Oscillator Control C-4311 PRC-47 (A8A7), Top View, Waveform Diagram.
 3-72

b. Sectionalizing Test Settings.

(1) *General.* The extender cables and components of Cable Assembly Set AN/PRA-4 are used during the bench tests of Radio Receiver-Transmitter RT-671/PRC-47. For these tests it is not necessary to remove and extend the modular subassemblies, but the dust cover must be removed to gain access to the test points at the top of each module and beneath the power amplifier compartment. Remove the dust cover using the procedures listed in paragraph 3-11. The troubleshooting checks for the receiver portion of the equipment differ greatly from those specified for the transmitter circuits, and the test setup conditions likewise differ. Use the appropriate setup and initial procedures described in steps (2) and (3) below.

CAUTION

Do not key the transmitter unless the rf output is terminated in a 50-ohm dummy load, a quarter-wave whip, or a suitable long-wire antenna. Never key the transmitter while Signal Generator SG-103/URM-25F is connected to the ANTENNA terminal of the RT-671 /PRC-47.

(2) *Receiver Test Setup and Initial Settings* (fig. 3-2).

(a) Connect the dummy load (or a 50-ohm noninductive resistor) to the ANTENNA terminal of RT-671/PRC-47 using the antenna test lead from the AN/PRA-4.

(b) Connect the signal generator to the ANTENNA terminal.

(c) Connect the primary power source to be used to the POWER connector on the front of RT-671 /PRC-47.

(d) Connect a 300-ohm audio load to pin L of AUDIO connector on the front panel of RT-671/PRC-47; then attach multitester leads across this resistor.

(e) Set the front panel controls and the test equipment conditions as directed in the chart of paragraph 3-4 c (2).

(3) *Transmitter Test Setup and Initial Settings* (fig. 3-3).

(a) Connect the RT-671/PRC-47 ANTENNA terminal to the antenna simulator of AN /PRA-4.

(b) Connect the antenna simulator to

the dummy load using the 3-foot length of RG-58/U coaxial cable from the AN/PRA-4.

(c) Connect the multitester (with rf probe attached) to the VTVM terminals of the antenna simulator using the 5-foot length of RG-58/U coaxial cable.

(d) Connect the primary power source to be used to the POWER connector on the front of RT-671 /PRC-47.

(e) Adjust the control knobs to provide a reading of 3002 on the KILOCYCLES indicator on the front of RT-671/PRC-47; then place the CW-FSK/VOICE switch to VOICE, the XMTR PWR switch to LO, and the OPR-TUNE switch to OPR.

c. Sectionalizing Trouble. The following procedures sectionalize the malfunction to the power distribution, receiver-transmitter, frequency generation, or relay control circuits of the RT-671/PRC-47. If a specific symptom is indicated by the intermediate preventive maintenance checks and services performed at the organizational level, or by the short circuit tests of paragraph 3 4 a(4). enter the chart in that functional area; otherwise, perform all steps.

CAUTION

Do not perform these checks unless the short circuit tests indicate that further damage to the equipment is unlikely.

(1) *Preliminary Procedures.*

(a) Energize the primary power source (if separately controlled); then rotate the POWER - LIGHTS switch on the front panel of RT-671/PRC-47 to the POWER ON position.

(b) Press the BATTERY TEST switch on the front panel of RT-671/PRC-47 and observe that the XMTR OUTPUT meter reads in the banded area of its scale. {If this indication is not obtained, perform the power distribution circuit checks before proceeding further.)

(2) *Troubleshooting Chart.*

CAUTION

Do not place the CW-FSK/VOICE switch to CW-FSK in any of the following tests unless the transmitter output is properly terminated in a dummy load or a suitable antenna system. Never switch to CW-FSK when the signal generator is connected to the ANTENNA terminal.

| Item | Indication | Probable trouble | Procedure |
|--|---|---|--|
| 1 | Multimeter at A5J7 (fig. 3-4) does not read +24 volts dc. | Popover control relay circuits of R1 or K2, or low voltage circuits of PP-3518/PRC 47 (A51 are defective. | Proceed to popover distribution circuit checks (para 3-5b). |
| 2 | Multimeter at A5J8 (fig. 3-4) does not read +20 volts dc regulated. | Low-voltage power circuits or regulator of PP-3518/PRC-47 (A5) are defective. | Proceed to power distribution circuit checks (para 3-5b). |
| 3 | Multimeter with rf probe at A3J5 (fig. 3-4) does not read 1.75 volts peak-to-peak. | Signal Data Translator CV-1377A/PRC-47 (A3) defective. | Proceed to frequency generation circuit checks (para 3-5b). |
| 4 | Frequency counter at A3J5 does not read 3502 kHz. | Signal Data Translator CV-1377A/PRC-47 (A3) defective. | Proceed to frequency generation circuit checks (para 3-5c). |
| <p>Place POWER-LIGHTS switch on the front of RT-671/PRC-47 to POWER OFF. Connect test equipment for receiver tests (fig. 3-2). Adjust frequency control knobs for reading of 2225 on KILOCYCLES indicator. Adjust signal generator output level to 2.0 microvolts at 2226 Hz. On RT671/PRC-47, rotate VOLUME control to maximum clockwise stop, then place POWER-LIGHTS switch to POWER ON.</p> | | | |
| 5 | Multimeter with rf probe at A2J3 (fig. 3-4) does not read 100 micro-volts rms. | Signal Data Translator CV-1377A/PRC-47 (A3) defective. | Proceed to receiver circuit checks (para 3-5d). |
| 6 | Multimeter with rf probe at A2J4 (fig. 3-4) does not read 1.5 volts rms. | Radio Frequency Oscillator 0-1032/PRC-47 (A6) defective. | Proceed to frequency generation and/or relay circuit checks (para 3-5c and/or 3-5f). |
| 7 | Multimeter with rf probe at A1J13 (fig. 3-4) does not read 0.1 volt rms (1000 Hz approx.) | Amplifier-Modulator AM-3507/PRC-47 (A2) defective. | Proceed to receiver circuit checks (para 3-5d). |

CAUTION

Before proceeding further, disconnect signal generator and dummy load from ANTENNA terminal. Place POWER-LIGHTS switch on the front of RT-671/PRC-47 to POWER OFF. Connect the test equipment for transmitter tests (fig. 3-3). Set KILOCYCLES indicator on the front of RT-671/PRC-47 to 2000. Return POWER-LIGHTS switch to POWER ON, and tune the power amplifier as follows:

CAUTION

Do not permit the OPR-TUNE switch to remain in TUNE position for more than a few seconds at a time while the output circuit is being adjusted. Circuit damage can result.

(1) Place OPR-TUNE switch to TUNE.

(3) Return the OPR-TUNE switch to OPR.

(2) Immediately adjust POWER AMPLIFIER

Connect audio oscillator to A1J1 (fig. 3-4) and set the output level to 0.1 volt rms at 1, 000 Hz.

TUNE controls for maximum indication on XMTR OUTPUT meter.

| Item | Indication | Probable trouble | Procedure |
|--|---|---|---|
| <p>CAUTION</p> <p>Do not permit CW-FSEC/VOICE switch to remain in the CW-FSK position for more than a few at a time; output circuit damage can result.</p> | | | |
| 8 | With CW-FSK/VOICE switch to CW-FSK, multimeter at J101 (fig 3-5) does not read +65 volts dc. | High-voltage power supply circuits of PP-3618/PRC-47 (A5) defective. | Proceed to power distribution circuit checks (para 3-5b). |
| 9 | Multitester with rf probe at antenna simulator does not read 13.7 volts rms with CW-FSK/VOICE switch at CW-FSK. | Amplifier-Modulator AM-3507/PRC-7 (A2), or amplifier stage defective. | Proceed to transmitter circuit power checks (para 3-5e). |

NOTE

place CW-FSK/VOICE switch to VOICE, rotate XMTR PWR switch to Hi, and retune the output circuit to peak the XMTR OUTPUT meter readings.

| Item | Indication | Probable trouble | Procedure |
|------|---|--|---|
| 10 | With CW-FSK/VOICE switch to CW-FSK, multimeter at J101 (fig. 3-5) - does not read +150 volts dc. | High-voltage power supply circuits of PP-3518/PRC-47 (A5) defective. | Proceed to power distribution circuit checks (para 3-5b). |
| 11 | Multimeter with rf probe at antenna simulator - not read 30.7 volts rms with CW-FSK/VOICE switch to CW-FSK. | Power amplifier circuit defective. | Proceed to transmitter circuit checks (para 3-5e). |

3-5. Localizing Tests

a. *General.* The localizing tests isolate the equipment malfunction to a specific circuit on the main chassis of RT-671/PRC-47, or to a circuit within a plug-in module of the equipment. These tests are performed after the sectionalizing tests of paragraph 3-4 c, or organizational-level tests, have determined that the trouble symptom exists within a given functional area. A chart is provided for each of the following functional areas of the equipment: power distribution circuits, receiver circuits, transmitter circuits, and frequency generation circuits. The test conditions and the test equipment connections for each group of tests is detailed in its chart. Carefully observe the equipment connections and test conditions to assure that the results obtained are in agreement with the test point value specified.

b. *Power Distribution Circuit Tests.* These tests are divided into two parts: those where 115-volts, 400-Hz ac primary power is used, and those where 26.5-volts dc primary power is used. The remaining circuits (those unaffected by the type of primary power used) are listed separately.

- (1) Primary Power Source 115-volt, 400-Hz.

NOTE

Connect the test equipment for transmitter tests (fig. 3-3) and perform the initial procedures listed in paragraph 34 b (3). Unless otherwise specified, make all voltage measurements between the test point listed and chassis ground.

| Item | Indication | Probable trouble | Procedure |
|--|--|---|--|
| NOTE | | | |
| Plate the POWER-LIGHTS switch on the front of RT-671 /PRC-47 to POWER ON. | | | |
| 1 | Ac voltage measured between test jacks A5J10 and A5J11 (fig. 3-4) is not 115 volts ac rms. Note. Do not perform this test if 26.5-volts dc primary power source is being used to power the equipment. Proceed to next chart. | <ul style="list-style-type: none"> a. Fuse F2 (POWER 5A AC) is blown or 115-volt primary power circuit is defective. b. +26.5 volts dc is not present at coil of ac power control relay K2 (terminal K2-1). c. POWER-LIGHTS switch on front panel, or associated circuit defective. d. Ac power control relay K2 coil defective. e. Contacts on dc power control relay K1 or circuit from K1 to K2 defective. f. Contacts of ac power control relay K2 are defective. | <ul style="list-style-type: none"> a. Check and replace fuse F2 (fig. 3-87) or repair primary power circuit and/or cable. b. Check continuity of T2 primary winding from F2 holder to connector P1-L. Replace T2 if open circuit, or if shorted to chassis. Check continuity of diodes CR3 thru CR6. Replace any shorted or open diodes. c. Check continuity of circuit from K2-5 to chassis ground with POWER-LIGHTS switch at POWER ON. Repair circuit or replace switch. d. Replace relay K2 if winding resistance is not 300 ± 30 ohms. e. Check continuity of normally-closed contacts K1-2 to K1-8; replace K1 if open circuit. Check continuity from K1-8 Lo K2-4; repair circuit if open. f. Replace relay K2. |
| 2 | Dc voltage measured between A5J9 (fig. 3-4) and chassis ground is not +26.5 volts dc. | <ul style="list-style-type: none"> a. Ac primary power circuit to PP 3518/PRC-47 (A5) is defective. b. Low-voltage transformer A5T2, or its associated circuit in PP-3518/PRC-47 (A5) is defective. | <ul style="list-style-type: none"> a. Check continuity of primary power circuit between K1-2 and connector J1-13. Repair circuit on main chassis if open circuit. b. Check continuity of A5T2 primary between J1-3 and J1-13. Repair circuit or replace PP-3518/PRC 47. |

(2) Primary Power Source 26.5-volt dc.

| Item | Indication | Probable trouble | Procedure |
|---|--|--|---|
| <p>NOTE Place the POWER-LIGHTS switch on the front of RT-671/PRC-47 to POWER ON.</p> | | | |
| 1 | <p>Dc voltage measured between A5J9 (fig. 3-4) and chassis ground is not +26.5 volts dc. Note. Do not perform this test if 115-volts, 400-Hz primary power source is being used to power the equipment. Use previous chart (1).</p> | <p>a. Fuse F1 (POWER 20A DC) is blown or primary power circuit is defective.</p> <p>b. +6.5 volts dc is not present at the coil of relay K1 (terminals K1-1 to K1-4.)</p> <p>c. Diode CR8 and/or R16 defective.</p> <p>d. POWER-LIGHTS switch on front panel, or associated circuit defective.</p> <p>e. Dc power control relay K1 coil defective.</p> <p>f. Contacts of K1 are defective.</p> <p>g. Dc circuit from K1 to PP-3518/PRC47 is defective.</p> | <p>a. Check and replace fuse F1 (fig. 3-87). Check continuity of input at L4; replace L4 if open. Check capacitors C26 and C27 for shorts; replace if shorted.</p> <p>b. Check continuity from F1 holder to K1-1 and K1-4, and to connector P1-J. Repair if open.</p> <p>c. Check continuity of CR8 and R16 for opens and shorts to ground. Replace defective component.</p> <p>d. Check continuity from K2-5 to chassis ground with POWER-LIGHTS switch at POWER-ON. Repair circuit or replace switch.</p> <p>e. Replace K1 if winding resistance is not $1628 \pm 10\%$ ohms.</p> <p>f. Check dc voltage at K1-7 with POWER-LIGHTS switch to POWER ON. Replace K1 if reading is zero volts.</p> <p>g. Check continuity from K1-7 to connector J1-22; and each point for short to ground. Repair as required.</p> |
| 2 | <p>Transmitter bias and high-voltage output is low or zero when 26.5-volt dc primary power input is used, but normal with 115-volt, 400-Hz primary power source.</p> | <p>a. Circuit to high-voltage transformer A5T1 in PP-3518/PRC-47 is defective.</p> <p>b. Contacts of push-to-talk relay A5K1 are defective.</p> <p>c. Circuit between J1 and power oscillator defective.</p> <p>d. Emitter circuit components defective.</p> <p>e. Base circuit components defective.</p> <p>f. Power transistors Q1 and Q2 defective.</p> | <p>a. Remove front panel power plug and check continuity from J1-14 to J1-1; repair primary circuit to A5T1 or replace transformer.</p> <p>b. Check voltage at A5K1-5 with ptt relay operated: (normal +26.5 volts dc). Replace A5K1 if no voltage present.</p> <p>c. Check continuity of power cable jumpers (pins A-B, C-D, and J-K) and circuits from J1-1/J1-2, J1-14/J1-15, and J1-16/J1-17; repair circuit or replace cable. Check continuity from P1-A to Q2 emitter, and from P1-C to Q1 emitter; repair circuit if open.</p> <p>d. Check continuity of C1, CR1, CR2, and R5 for opens and shorts: replace defective component.</p> <p>e. Check continuity of R1 through R4: replace defective component. Check winding of reactor for opens: normal readings are T1-1 to T1-2, 1.0 ohm; T1-2 to T1-3, 60 ohms; T1-3 to T1-4 1.0 ohm; replace T1 if defective.</p> <p>f. Replace with proper type number.</p> |

(3) Power Distribution Circuits and Components

| Item | Indication | Probable trouble | Procedure |
|--|---|--|--|
| 1 | XMTR OUTPUT meter M101 does not read in the banded portion of its scale when BATTERY TEST switch is pressed. | <ul style="list-style-type: none"> a. +26.5-volt dc lamp circuit defective. b. Resistor R23 defective. c. BATTERY TEST switch S2 (fig. 3-87) defective. d. PA filter box FL2 (fig. 3-5) defective. | <ul style="list-style-type: none"> a. Check continuity from K1-7 to POWER-LIGHTS switch S1-6: to antilock relay K6- 1, to inductor L3, and resistor R23. Repair circuit as required. b. Check resistance of R23 (normal 681K ohms). Replace if defective. c. Check continuity from R23 to S3A (NO) to S3A (COM) with switch pressed: replace S3 if defective. d. Check continuity from S3A (COM) to FL2-11. Repair circuit if open. Check resistance between FL2-11 and FL2-24 (normal 29.0 ohms). Repair FL2 if abnormal reading. |
| Caution: | | | |
| <p>Before continuing this procedure, disconnect the lead from the positive (+) terminal of XMTR OUTPUT meter M101. Do not attempt to measure the meter movement resistance.</p> | | | |
| | | <ul style="list-style-type: none"> e. PA filter box circuit shorted to ground. f. Meter bypass circuit defective. | <ul style="list-style-type: none"> e. Check for short to ground at FL2-11 and FL2-24. Repair circuit C216, C203, L203, as required. f. Check continuity from FL2-24 to lead removed from + meter terminal. Repair if open. Check C107 for short; replace if necessary. |
| Note: | | | |
| <p>Reconnect the positive (+) meter lead removed above before proceeding to the next procedural step.</p> | | | |
| 2 | Panel lamps in main compartment (DS1 and DS2) (fig. 3-87) fail to light when POWER-LIGHTS switch is rotated to LIGHTS HI. | <ul style="list-style-type: none"> g. XMTR OUTPUT meter defective. a. Panel lamps DS1 and DS2 burned out. b. Lamp circuit defective. | <ul style="list-style-type: none"> g. Remove and replace M101. a. Replace burned out lamp bulbs. b. Check continuity from S1-10 to each lampholder; check continuity from each lampholder to ground. Repair any defective circuits. c. Replace switch S1. |
| 3 | Panel lamps in power amplifier compartment (DS101 and DS102) (fig. 3-87) fail to light when DS1 and DS2 are lighted. | <ul style="list-style-type: none"> c. POWER-LIGHTS switch (lamp circuit) defective. a. Panel lamps DS101 and DS102 are burned out. b. Lamp circuit defective. c. PA filter FL2 (fig. 3-5) defective. d. Lampholder or circuit to FL2 defective. | <ul style="list-style-type: none"> a. Replace burned out lamp bulbs. b. Check continuity from S1-10 to FL2-9; repair circuit if defective. c. Check resistance from FL2-9 to FL2-22 (normal 29 ohms). Repair circuit C218, C229, C206, and L205 as required. d. Check continuity from FL2-22 to each lampholder, and from each lampholder to ground. Repair any defective circuits or replace lampholder. |
| 4 | Panel lamps remain bright or go out when POWER-LIGHTS switch is rotated to LIGHTS LO. | Dimming resistor R6 is defective. | Check resistance of R6 (normal 180 ohms; replace if necessary). Check continuity from S1-9 to S1-6; replace S1 if defective. |

| Item | Indication | Probable trouble | Procedure |
|------|---|--|--|
| 5 | Dc voltage measured between A5J7 (fig. 3-4) and chassis ground is not +24 volts dc. | Low-voltage power supply, filter, or voltage regulator defective. | Perform isolation procedures on PP-3518/PRC-47 (see para 3-6). |
| 6 | No receive audio output or low and distorted output from headset. | <ul style="list-style-type: none"> a. +24-volt circuit between J1-19 and J2-9 defective. b. Audio frequency amplifier AM-3506/PRC.47 defective. | <ul style="list-style-type: none"> a. Check continuity from J1-19 to J2-9: repair open circuit. b. Repair or replace AM-3506/PRC-47 (para 3-6). |
| 7 | Dc plate and Wren voltage at 1 st - and 2d- rf amplifiers in signal data translator not present. | <ul style="list-style-type: none"> a. +24-volt circuit between J1-19 and J5-5 defective. b. Signal Data Translator CV-1377A/PRC-47 (A3) defective. | <ul style="list-style-type: none"> a. Check continuity from J1-19 to K3-6: from K3-6 to K3-4; from K3-4 to L5: and from L5 to J5-5. Check resistance of L5 (normal 72.0 ohms): repair circuit or replace K3 or L5 if required. b. Repair or replace CV-1377A/PRC-47 (para 3-6). |
| 8 | Dc voltage measured between A5J8 (fig. 3-4) and chassis ground is not +20 volts dc regulated. | Low-voltage power supply, filter, or voltage regulator defective. | Perform isolation procedures on PP-3518/PRC-47 (A5) (para 3-6) or replace power supply. |
| 9 | 20 volts dc is not present at receiver circuits. | <ul style="list-style-type: none"> a. Fuse F3 (½ A) (fig. 3-5) is burned out. b. 20-volt circuit from power supply A5 to receiver circuits is defective. | <ul style="list-style-type: none"> a. Check and replace fuse F3. b. Check continuity from F3 to each circuit: (J2-13, J4-3, J5-3, J8-1, J9-1, J11-1, K3-8, K3-2, L1, and J5-1). L1 resistance is 1.2 ohms. Repair circuit or replace K3 or L1 if defective. |
| 10 | Dc plate and screen voltage at V3 not present. | <ul style="list-style-type: none"> a. Fuse F5 (1/10A) (fig. 3-5) is burned out. b. 300-volt circuit between J1-21 and J7-2 or KC3-7 defective. | <ul style="list-style-type: none"> a. Check F5 and replace fuse. b. Check continuity from J1-21 to F5, from F5 to J7-2 and to R8. (R8 normal 4,750 ohms). Check continuity from R8 to K3-7. Repair circuit or replace R8 if defective. |
| 11 | Filaments of rf amplifiers V1 and V2, and driver V3 in signal data translator A3 do not light. | <ul style="list-style-type: none"> a. Filament circuit of vacuum tube(s) open. b. Filament winding of high-voltage transformer A5T2 defective. c. Filament circuit between J1-5 and T3-1, or J1-4 (or J1-8) and T3-2 and relay K2 is defective. d. Filament transformer T3 defective. e. Signal data translator A3 defective. | <ul style="list-style-type: none"> a. Check filament circuit in each tube for continuity. Replace defective vacuum tube. b. Voltage test-Measure at A5J3 to A5J4 with 115-volt ac primary power input; normal 6.3 vac rms. (with 26.5 volt dc primary power input, reading from A5J3 to J5-4 is 6.3 vac <i>peak</i>. Replace T2 if winding defective. c. Check continuity from J1-5 to T3-1 and to FL2-1: from J1-4 to K2-2, to K2-8, to T3-2, and FL2-2 for open circuits or short to ground. Repair circuit, or replace relay K2 if defective. Check continuity from J1-8 to K2-3 and repair if required. d. Check resistance of primary (normal 0.75 ohms) and secondary (normal 0.75 ohms). Replace if defective. Check continuity from T3 secondary to J7-3 and J7-4. Repair if open. e. Repair or replace CV-1377A/PRC-47 (para 3-6). |

| Item | Indication | Probable trouble | Procedure |
|--|--|---|---|
| 12 | Filaments of power amplifier stage do not Light. | <ul style="list-style-type: none"> a. Filament circuit vacuum tube open. b. Filament chokes L120 and L121 defective. | <ul style="list-style-type: none"> a. Check continuity of filament circuit within V101; replace tube (para 3-14) if defective. b. Check continuity of chokes L120 and L121 (normal 0.09 ohms). Replace if defective. |
| Note. | | | |
| Make the following checks after unsoldering the filament lines from PA filter box FL2-14 and FL2-15. (Tag each wire). | | | |
| | | <ul style="list-style-type: none"> c. Filament circuit in FL2 defective. | <ul style="list-style-type: none"> c. Check continuity from FL2-1 to FL2-14 and from FL2-2 to FL2-15, and test each terminal for shorts to ground. Repair circuit or replace C221, C208, C235, C220, C207, or C234 if defective. |
| Note: | | | |
| Reconnect the two filament lines to terminals FL2-14 and FL2-15 of the PA filter box. | | | |
| | | <ul style="list-style-type: none"> d. Filament bypass capacitors or hum balance resistor or circuit defective. | <ul style="list-style-type: none"> d. Check continuity of R121 (normal 50 ohms); check continuity of circuit from L120 to XV101-1 and L121 to XV101-7. Repair circuit, or replace R121 if defective. |
| Note. | | | |
| Disconnect capacitors C103 and C104 from XV101 before proceeding with the following tests. (Tag each lead). | | | |
| | | <ul style="list-style-type: none"> e. Filament bypass capacitors shorted to chassis ground. | <ul style="list-style-type: none"> e. Check C103 and C104 for shorts; replace if defective. |
| Note. | | | |
| Reconnect capacitors C103 and C104 to the filament pins of tube socket XV101. | | | |
| 13 | Dc bias voltage measured between A3J3 and chassis ground is not -25 volts dc. | <ul style="list-style-type: none"> a. -32-volt dc bias circuit of PP-3518/PRC-47 incorrectly adjusted or defective. b. Fuse F4 (1/500A) (fig. 3-5) is burnt out. c. Inductor L6 is open or shorted to ground. d. -32-volt bias circuit on main chassis defective. e. -32-volt bias circuit in signal data translator A3 defective. | <ul style="list-style-type: none"> a. Perform adjustment routine of paragraph 3-27, replace PP-3518/PRC-47, or repair (para 3-6) if defective. b. Check and replace fuse F4, if defective. c. Check continuity of L6 (normal 72.0 ohms); check L6 for shorts to ground. Replace L6 if defective. d. Check continuity from J1-23 to XF4-1, from XF4-2 to L6-1, from L6-2 to J7-1. Repair as required. e. Repair CV-1377A/PRC-47 using procedure of paragraph 3-6. |
| 14 | Dc bias voltage measured between J102 (fig. 3-5) and chassis is not -110 volts dc. | <ul style="list-style-type: none"> a. -110-volt dc bias circuit of PP-3518/PRC-47 incorrectly adjusted or defective. b. XMTR PWR switch S103 not at HI position. c. XMTR PWR switch S103 defective. | <ul style="list-style-type: none"> a. Perform adjustment routine of paragraph 3-27, replace PP-3518/PRC-47, or repair (para 3-6) if defective. b. Place S103 to XMTR PWR HI. c. Check continuity of S103 (in HI position) from S103-1 to S103-4 or S103-5. Rotate S103 to LO position and check from S103.1 to S103-2. Measure resistance of R107 (normal 100K ohms). Repair circuit or replace S103 or R107 as required. |

| Item | Indication | Probable trouble | Procedure |
|---|---|--|--|
| | | <p>d. -110-volt dc bias circuit in PA filter box FL2 defective.</p> <p>e. -110-volt bias circuit between J1-9 and FL2-7 defective.</p> <p>f. -110-volt bias circuit between S103 and J102 defective.</p> <p>g. J102 circuit defective.</p> | <p>d. Rotate XMTR PWR switch to OFF and check continuity from FL2-7 to FL2-20 (normal 29 ohms); check for shorts to ground. Replace C222, C209, C233, or L201 as required or repair circuit.</p> <p>e. Check continuity from J1-9 to FL2-7; repair as required.</p> <p>f. Check continuity from S103-1 to L102; repair circuit if necessary. Check C101B for shorts; replace if necessary.</p> <p>g. Check continuity from J102 to S103-1 (normal 10K ohms). Replace R103 or J102 as required.</p> |
| WARNING. | | | |
| The 650- and 1600-volt potentials at the power amplifier screen and plate electrodes are extremely dangerous. Avoid contact with these circuits. | | | |
| 15 | Plate and screen voltages to power amplifier stage is low or not present. | <p>a. +650-volt screen circuit defective.</p> <p>b. Capacitor C30 shorted to ground.</p> <p>c. Switch S103 defective.</p> <p>d. Screen grid voltage divider defective.</p> <p>e. Screen grid circuit from S103B-10 to power amplifier socket defective.</p> <p>f. Screen voltage relay K102 filter network defective.</p> <p>g. Plate circuit from S103A-3 to power amplifier plate electrode defective.</p> | <p>a. Check continuity of screen circuit from J1-A1 to C30, from C30 to L123-1, from L123-2 to S103A-5, to S103B-3. Repair circuit if open.</p> <p>b. Check C30 for short to ground; replace if necessary.</p> <p>c. With XMTR PWR switch at LO, check continuity from S103A-3 to S103A-5; from S103B-10 to S103B-11. Rotate XMTR PWR switch to HI and check continuity from S103A-3 to S103A-8 and from S103B-3 to S103B-10. Replace S103 if defective.</p> <p>d. With XMTR PWR switch at HI, or OFF, check resistance between S103B-11 and S103B-3 (normal 50K ohms) and between S103B-11 and chassis ground (normal 100K ohms). Replace R105, R106, and/or R128 if defective.</p> <p>e. Check continuity from S103B-10 to K102-7, from K102-8 to K102-4, and from K102-3 to L103-1. Resistance of L103 is 50 ohms. Check continuity from L103-2 to XV101-2 and XV101-6. Check C139 for short to ground. Repair circuit or replace L103 or C139 if defective.</p> <p>f. Check continuity across C146 and measure resistance of R125 (normal 560 ohms). Replace C146 if shorted and R125 if defective.</p> <p>g. Check continuity from S103A-3 to R112, to L106-1, from L106-2 to L109-1, and from L109-2 to V101 plate cap. Measure resistance of L106 (normal 2.1 ohms) and L109 (normal less than 1 ohm) and check C123 for short to ground. Repair circuit, or replace C123, L106, L104 /R110, or TUNE coil L109.</p> |

| Item | Indication | Probable trouble | Procedure |
|------|------------|--|---|
| | | <p><i>h.</i> Shorted capacitor in power amplifier plate circuit.</p> <p><i>i.</i> Plate voltage circuit in main chassis defective.</p> | <p><i>h.</i> Check continuity of L105 (normal 3.2 ohms) and verify that none of the plate tank capacitors is shorted: replace L105, C105, C108 thru C122 if defective.</p> <p><i>i.</i> Check continuity from S103A.8 to L122-1, from L122-2 to C29, and from C29 to J1-A2. Resistance of L122 is 11.6 ohms. Repair circuit or replace defective component.</p> |

c. Frequency Generation Circuit Tests. Perform the following procedures in the order listed for isolation of malfunctions to a module within the frequency generation and control circuits.

| Item | Indication | Probable trouble | Procedure |
|------|--|---|---|
| 1 | <p>Place the POWER LIGHTS switch on the front panel of RT -671/PRC 47 to POWER OFF. Connect the test equipment for receiver tests (fig. 3 2). Adjust the frequency control knobs for a reading of 2225 on the KILOCYCLES indicator; adjust the signal generator for 2.0 microvolts output at 2226 kHz. Rotate the VOLUME control on the front of RT-671/PRC-47 to its maximum clockwise stop and then place POWER-LIGHTS switch to POWER ON</p> <p>No signal, or erratic operation at selected frequency.</p> | <p><i>a.</i> Hf oscillator circuit in signal data translator A3 defective.</p> <p><i>b.</i> Hf oscillator circuit on main chassis defective.</p> <p><i>c.</i> 500-kHz standard signal circuit of radio frequency oscillator A6 defective.</p> <p><i>d.</i> 500-kHz standard signal circuit in main chassis defective.</p> <p><i>e.</i> 1-MHz pulse generator circuit in oscillator control A7 defective.</p> <p><i>f.</i> 5- to 14-MHz amplifier circuit in signal data translator A3 is defective.</p> | <p><i>a.</i> Measure waveform at A7J3; normal is 3.5 volts pep at a 0.3-microsecond rate. Measure waveform at test jack A3J5; normal reading 8.0 volts p-p at a 0.3-microsecond rate. Repair hf oscillator circuit (para 3-13c) or replace CV-1377A /PRC-47.</p> <p><i>b.</i> Check continuity from J10-A2 to J5 A2; repair defective circuit.</p> <p><i>c.</i> Check waveform at test jack A6J4. Normal reading is 4.25 volts pep: measure waveform at test jack A6J3. Normal reading is 3.5 volts pep; repair oscillator circuit (para 3-13e) or replace 0-1032/PRC-47 if defective.</p> <p><i>d.</i> Check continuity from J9-A2 to K4-8, from K4-8 to K4-2 and K4-7, and from K4-2 to J4-1. Repair circuit as necessary or replace K4 if defective. Also check continuity from J9-A3 to J10-A3 and repair if open.</p> <p><i>e.</i> Measure waveform at J11-A1 (main chassis). Normal reading 5.5 volts pep. pulses at 1.0-microsecond rate. Repair 1-MHz pulse circuit (para 3-13f) or replace C-4311/PRC-47.</p> <p><i>f.</i> Measure waveform at J11-A2 is (main chassis). Normal reading 3.0 volts p-p at 0.5-microsecond rate. Check continuity from J11-A2 to J8-A2 and from J11-A1 to J8-A1. Repair circuit (para 3-13c) or replace CV-1377A/PRC-47.</p> |

| Item | Indication | Probable trouble | Procedure |
|------|---|---|---|
| 2 | <p>KILOCYCLES indicator does not track with signal generator. Note: Signal generator should be 1-kHz higher than KILOCYCLES indicator reading to produce a 1000 Hz audio tone at the receiver output.</p> | <p><i>g.</i> 100 kHz oscillator signal circuit of radio frequency oscillator A6 defective.</p> <p><i>h.</i> 1.8 to 0.9 MHz pulse circuit of oscillator control A7 is defective.</p> <p><i>i.</i> Dc error signals from discriminator circuit of oscillator control A7 defective.</p> <p><i>j.</i> Dc error signal circuit or anti-lock relay K6 defective.</p> <p>Frequency generation circuits not properly aligned.</p> | <p><i>g.</i> Check waveform at A6J1. Normal reading is 4.5 volts pep at a J0 microsecond rate. Repair 100-kHz circuit (para 3-13e) or replace 0 1032/PRC-47.</p> <p><i>h.</i> Check waveform at base of follower Q24 /normal reading 0.6 volts pip at 0.5-microsecond rate.) Check continuity from J9-A1 to J10-A1: repair circuit (para 3-13f) or replace C-4311JPRC 47.</p> <p><i>i.</i> If voltages not near zero after synchronizing, repair discriminator circuit or replace C-4311 /PRC-47.</p> <p><i>j.</i> Check continuity from J6-3 to J11-5 and K6-4: also from J6-2 tp J11-4 and K6-8: verify that relay K6 operates when a ground is applied to J11-3. Repair circuit or replace relay K6 if defective.</p> <p>Check the drive mechanism and align frequency generation circuits.</p> |

d. Receiver Circuit Tests. Perform the folio wine malfunctions to a module within the receiver circuits. procedures in the order listed for isolation of

| Item | Indication | Probable trouble | Procedure |
|---|---|---|---|
| <p>Place POWER-LIGHTS switch on the front of RT-671/PRC-47 to POWER OFF. If the procedures of step c have not been performed immediately prior to these tests, connect the test equipment for receiver tests (fig. 3-2.) Adjust the KILOCYCLES indicator for a reading of 2225. Adjust the signal generator to 2226 kHz and set its output level to 2.0 microvolts. On RT-671/PRC-47, set VOLUME control to its maximum clockwise stop, then place POWER-LIGHTS switch to POWER ON.</p> | | | |
| 1 | No signal at grid of 1 st rf amplifier A3V1. | <p><i>a.</i> T/r relay K101 or circuit to antenna terminal defective.</p> <p><i>b.</i> Receiver antenna relay K5 or circuit on main chassis defective.</p> | <p><i>a.</i> Check continuity from AN-TENNA terminal to K101 (COM). Repair circuit if open. Check continuity from K101 (NC) to K101 (COM). Replace K101 if circuit is open.</p> <p><i>b.</i> Check continuity from K101 (NC) to K5 (NC): repair if circuit is open. Check continuity from K5 (NC) to K5 (COM): replace K5 if contacts are open. Check continuity from K5 (COM) to J5-A1: repair if defective.</p> |
| 2 | No receive input at A2J3 on amplifier-modulator A2. | <p><i>a.</i> Receive circuit of signal data translator A3 defective.</p> <p><i>b.</i> Receive if. circuit on main chassis defective.</p> <p><i>c.</i> Receive if. circuit at amplifier-modulator input defective.</p> | <p><i>a.</i> Repair CV-1377A/PRC-47 (para 3-13c) or replace module.</p> <p><i>b.</i> Check continuity from J6-A2 to J4-A2: repair if defective.</p> <p><i>c.</i> Repair AM-3507/PRC-47 (para 3-13b) or replace module.</p> |
| 3 | No receive audio at test point A1J13 on audio frequency amplifier A1. | <p><i>a.</i> If. amplifier circuits, product detector, or af low-pass filter defective.</p> <p><i>b.</i> Receive audio circuit on main chassis defective.</p> | <p><i>a.</i> Repair AM-3506/PRC-47 (para 3-13a) or replace module.</p> <p><i>b.</i> Check continuity from J4-7 to J2-23: repair if defective.</p> |

| Item | Indication | Probable trouble | Procedure |
|------|---|--|--|
| 4 | No audio output (or low output) at headset terminals. | <ul style="list-style-type: none"> a. Driver A1Q10 not adjusted properly or defective. b. Audio output amplifier A1Q11-A1Q12 defective. c. Audio output circuit on main chassis defective. | <ul style="list-style-type: none"> a. Check audio output at A1J14 (normal 11 volts p-p); adjust receiver gain control (para 3-22), repair AM-3506/PRC-47, or replace module. b. Repair AM-3506/PRC-47 (para 3-13a) or replace module. c. Check continuity from J2-24 to VOLUME control; from VOLUME control to P2-L and P3-L. Repair circuit if necessary. Check VOLUME control for continuity throughout its rotation, check C20 and C24 for shorts, and resistance of R24 and R25 (normal 15K ohms). Replace any defective component, repair the circuit as necessary. |
| 5 | Excessive distortion on receive (due to front-end or if overloading). | <ul style="list-style-type: none"> a. The -agc circuit of audio frequency amplifier A2 defective. b. The -agc circuit on the main chassis is defective. c. The +agc circuit of audio frequency amplifier A2 defective. d. The +agc circuit on the main chassis is defective. e. The -agc circuit in signal data translator A3, or the +agc circuit in audio frequency amplifier A2 defective. | <ul style="list-style-type: none"> a. Check -agc level at A1J15 (normal 0 to -0.5 volts dc); adjust agc gain (para 3-23) Repair AM-3506/PRC47 (para 3-13a) or replace module. b. Check continuity from J2-20 to L2-1, from L2-2 to J6-4; repair as required. Measure resistance of L2 (normal 1.2 ohms); replace if defective. c. Check +agc level at A1J16 (normal +5 to +6 volts dc); repair AM-3506/PRC-47 (para 3-13a) or replace module. d. Check continuity from J2-16 to J4-5; repair as necessary. e. Repair CV-1377A/PRC-47 (para 3-13c) or AM-3506/PRC-47 (para 3-13a), or replace the defective module. |

e. *Transmitter Circuit Tests.* Perform the following malfunctions to a module within the transmitter circuits. procedures in the order listed for isolation of

| Item | Indication | Probable trouble | Procedure |
|------|--|---|---|
| 1 | No transmit audio, or low audio level, at balanced modulator input (J3-3). | <ul style="list-style-type: none"> a. Audio frequency amplifier A1 not adjusted properly or defective. b. Transmit audio circuit in main chassis defective. | <p>Place the POWER-LIGHTS switch on the front panel of RT-671/PRC-47 to POWER OFF. Connect the test equipment for transmitter tests (fig 3-3). Adjust the KILOCYCLES indicator to read 2000. Verify that the selector switch on the antenna simulator is at the 2.0 MHz position. Resonate the power amplifier at the operating frequency using the OPR-TUNE switch</p> <p>Caution: Do not leave the OPR-TUNE switch in the TUNE position for more than a few seconds at a time. Damage to the power amplifier plate circuit can result. Connect the audio oscillator to A1J1 (fig. 3 4) and adjust its output level to 0.1 volt rms at 1.000 Hz.</p> <ul style="list-style-type: none"> a. Check audio at A1J7 (normal 0.25 volts rms); adjust microphone amplifier gain control A1R27 (para 3 25), repair AM-3506/PRC-47 (para 3-13a) or replace defective module. b. Check continuity from J3-3 to J2-22. from J2-C to J3-C and J2-25. Check microphone circuit from P2-E to P3-E and J2 2. Repair as required. Check capacitors C22 and C23 for shorts: replace defective components. |

| Item | Indication | Probable trouble | Procedure |
|------|---|--|---|
| 2 | No signal at transmit if. input A2J3. | Balanced modulator circuit of amplifier-modulator A2 defective. | Repair AM-3507/PRC-47 (para 3-13b) or replace defective module. |
| 3 | No 500-kHz standard oscillator signal at A2J2 of amplifier-modulator A2. | <ul style="list-style-type: none"> a. 500-kHz standard oscillator circuit on main chassis defective. b. 500-kHz relay K4 defective. c. 500-kHz standard oscillator circuit in amplifier-modulator A2 defective. | <ul style="list-style-type: none"> a. Check continuity from K4-3 to K4-6 and J3-A2; repair as required. Refer to frequency generation tests (para 3-5c). b. Check for signal at K4-3 and K4-6 when relay operated. Replace K4 if contacts remain open when 26.5-volt vox signal is applied to K4-1. c. Check continuity from J3-A2 to A2J2: repair AM-3507/PRC-47 (para 3-13b) or replace defective module. |
| 4 | No transmit signal at if. output (A2J1) of amplifier-modulator A2. | If. amplifier stages in amplifier-modulator A2 defective. | Repair AM-3507/PRC-47 (para 3-13b) or replace defective module. |
| 5 | No transmit rf signal at 1 st rf amplifier grid (A3J1) of signal data translator A3. | <ul style="list-style-type: none"> a. Transmit relay A2K1 in amplifier-modulator defective. b. If. circuit on main chassis defective. c. Transmit mixer circuit or amplifier A3Q15 in signal data translator defective. | <ul style="list-style-type: none"> a. Check signal at J4-A3 (main chassis) when A2K1 operated. Check capacitor C2 on main chassis for shorts; repair circuit on main chassis, repair AM-3507/PRC-47 (para 3-13b), or replace defective module. b. Check continuity from J4-A3 to J6-A1; repair if necessary. c. Repair CV-1377A/PRC-47 (para 3-13c), or replace defective module. |
| 6 | No transmit rf signal at grid of power amplifier (J104). | <ul style="list-style-type: none"> a. Rf drive circuit on main chassis defective. b. A1c circuit at power amplifier grid defective. c. A1c circuit on main chassis defective. d. A1c circuits in PA filter box FL2 defective. e. A1c circuit in amplifier-modulator A2 defective. | <ul style="list-style-type: none"> a. Check continuity from J7-A1 to PA socket XV101-4; repair circuit as necessary. b. Check resistance and continuity of L102 (normal 29 ohms), R104 (normal 47K ohms), R119 (normal 27K ohms). and check capacitors C101A and C141 for shorts. Repair circuit or replace defective components. c. Check continuity from L102-2 to FL2-19, from FL2-6 to J3-2, from C101A to FL2-18, and from FL2-5 to J3-1; repair circuits as necessary. d. Check continuity from FL2-5 to FL2-18, and from FL2-6 to FL2-19: check each terminal for short to chassis ground. Repair circuit or replace C210, C211, C223, C224, C231, C232, L208, or L209 as required. e. Repair AM-3507/PRC-47 (para 3-13b) or replace defective module. |
| 7 | XMTR OUTPUT meter M101 indicates little or no output power. | <ul style="list-style-type: none"> a. Power amplifier output circuit defective. b. Rf detector circuit defective. | <ul style="list-style-type: none"> a. Check continuity of L110, L111, and L112 and from L112 to K101 (NO): repair circuit or replace defective component. b. Check continuity of T101, R129 (normal 470 ohms), and M ADJ pot R117 (normal 5K ohms). Verify that CR102, CR103, C106A/C106B and not shorted. Repair defective circuit or replace component. |

| Item | Indication | Probable trouble | Procedure |
|--|---|--|---|
| Note. | | | |
| Place XMTR PWR switch (S103) to OFF before proceeding with the remainder of these tests. | | | |
| 8 | No sidetone, or low sidetone level, on transmit. | <ul style="list-style-type: none"> c. XMTR PWR switch circuit defective. a. Sidetone detector circuit in power amplifier compartment defective. b. Sidetone circuit in PA filter box FL2 defective. c. Sidetone circuit in main chassis defective. d. Sidetone circuit in audio frequency amplifier A1 defective. | <ul style="list-style-type: none"> c. Check continuity from CR103 cathode to S103B-7, from S103B-7 to S103B-8, from S103B-8 to FL2-26. from FL2-13 to BATTERY TEST switch S3A (NC) and check value of R118 (normal 1K ohms). Check continuity from FL2-26 to FL2-13 and check each terminal for shorts to ground. Repair circuit or replace defective component. a. Check continuity from J103 to FL2-17, check resistance of R116 (normal 2.2K ohms), R108 (normal 100 ohms), and check CR101, C124, C125, C126, and C140 for shorts. Repair circuit or replace defective component. b. Check continuity from FL2-17 to FL2-4 and check each terminal for shorts to ground. Replace L210, C212, C225, or C236 if defective. c. Check continuity from FL2-4 to J2-17. Repair as necessary. d. Repair AM-3506/PRC-47 (para 3-13a) or replace defective module. |
| Warning: | | | |
| Place the POWER-LIGHTS switch to POWER OFF, disconnect the primary power source cable from the front of RT-671/PRC-47, and discharge the plate circuit capacitors and high-voltage filter capacitors in the power supply before proceeding with the following test. Personal injury or death can result from these dangerous voltages. | | | |
| 9 | Excessive non-linearity in power amplifier stage. | <ul style="list-style-type: none"> a. Feedback circuit in power amplifier compartment defective. b. Feedback circuit in signal data translator A3 defective. c. Power amplifier grid bias adjusted incorrectly. | <ul style="list-style-type: none"> a. Check continuity from C144 to J7-A2; check capacitors C105 and C144 for shorts; repair circuit or replace defective component. b. Repair CV-1377A/PRC-47 (para 3-13c) or replace defective module. c. Perform adjustment routine of paragraph 327. |

f. *Relay and Mode Control Tests.* Perform the following procedures in the order for isolation of malfunctions to components on the main chassis of the receiver-transmitter.

| Item | Indication | Probable trouble | Procedure |
|--|---|--|--|
| Connect power to the receiver-transmitter, attach the antenna simulator and the dummy load as for transmitter tests (fig. 3-3) and place the front panel controls as follows: CW-FSK/VOICE switch to VOICE; OPR-TUNE switch to OPR; KILOCYCLES indicator to 2225; XMTR PWR switch to LO. | | | |
| 1 | Equipment does not switch to transmit mode when ptt switch on handset is pressed. | <ul style="list-style-type: none"> a. Hand set ptt switch defective. b. Handset ptt circuit on main chassis defective. | <ul style="list-style-type: none"> a. Replace handset and tighten audio input connector. b. Check continuity from J1-11 to J2-11, to P2-F, to P3-F, to FL2-12; also from FL2-25 to S102 (COM 1) and from S102 (NO 1) to S102 (NO 2) and to FL2-16. Check continuity from FL2-3 to P2-H, to P3-H, to S3B (COM), to S2 (COM) and from S2 (NO) to P3-F. Repair defective circuit. |

| Item | Indication | Probable trouble | Procedure |
|------|------------|---|--|
| | | <p>c. PA filter box circuit defective.</p> <p>d. PA overtemperature cutout and/or override circuit defective.</p> <p>e. Push-to-talk relay A5K1 in power supply A5 defective.</p> <p>f. Vox relay A1K1 in audio frequency amplifier A1 defective.</p> <p>g. Vox circuit in audio frequency amplifier A1 defective.</p> <p>h. Vox circuit or, main chassis defective.</p> <p>i. Defective ground circuit or operating coil in a relay.</p> <p>j. Transmit relay A21C1 in amplifier-modulator A2 defective.</p> | <p>c. Check continuity from FL2-12 to FL2-25 and from FL2-16 to FL2-3: check each terminal for shorts to ground. Repair circuit or replace C28, C202, C213, C215, C226, C227, C237, L202, or L211 (para 3-9).</p> <p>d. Check continuity across R103. If open, permit unit to cool thoroughly 115 to 20 minutes, and retest. Replace K103 if circuit remains open (para 3-9). Check continuity from S3B (COM) to S3B (NO) with BATTERY TEST switch pressed. Replace if circuit remains open. Check continuity from S2 (COM) to S2 (NO) with CW-FSK/VOICE switch to CW-FSK. Replace S2 if circuit remains open (para 3-91).</p> <p>e. Check continuity from J1-11 to J1-22 Normal 300 ohms), replace A5K1 if winding open (para 3-13d).</p> <p>f. Check continuity from A1K1-3 to A1K1-5 (fig. 3-68): repair AM-3506/PRC-47 (para 3-13a) or replace defective module.</p> <p>f. Check continuity from J2-11 to A1K1-3 and from J2-5 to A1K1-5: measure dc volts from J2-7 to ground with ptt switch pressed. Repair AM-3506/PRC-47 (para 3-13a) or replace defective module.</p> <p>h. Check continuity from J1-20 to J2-7, to J4-4, to K3-1, to K4-1, to K5-1, to FL2-8. Also from FL2-21 to R120-1, to t/r relay K101 coil. Repair defective circuit.</p> <p>i. Measure resistance to ground as follows: K3-1 (normal 1628 ohms); K4-1 (normal 1628 ohms); K5-1 (normal 725 ohms); K101 (C) (normal 270 ohms); K102-1 (normal 684 ohm -); check C145 for short to ground. Measure resistance of R120 (normal 470 ohms) and verify that the following pins are grounded: J1-6, J1-7, J1-12, J2-1, J2-2, J2-3, J3-4, J4-2, J6-1, J7-5, J8-2, J9-3, J11-2. Repair defective circuit or replace faulty component.</p> <p>j. Check winding of relay from J4- to J4-2 (normal 1K ohms); repair AM-3507/PRC-47 (para 3-13b) or replace defective module. Check C2 (on main chassis) for short to ground. Verify that R45 (normal 680 ohms) is not open; replace defective component.</p> |

| Item | Indication | Probable trouble | Procedure |
|------|---|---|---|
| 2 | Transmitter does not key when CW-FSK/VOICE switch is at CW.FSK and telegraph key is operated. | <ul style="list-style-type: none"> a. Telegraph key or connecting cord is defective. b. Key circuit on main chassis defective. c. Key circuit in FL2 defective. d. Key circuit in audio frequency amplifier A1 defective. | <ul style="list-style-type: none"> a. Repair or replace J-45 telegraph key and/or connecting cord. b. Check continuity from P2-K to P3-K, to J2-18, to FL2-10. Check capacitors C21 and C25 for shorts to ground. Repair defective circuit or replace shorted capacitors. c. Check continuity from FL2-10 to FL2-23 and from each terminal to ground. Repair circuit or replace C204, C217, or L204 (para 3-9). d. Check oscillator output at A1J9. Check continuity from J2-18 to A1L2-3. Repair AM-3506/PRC-47 (para 3-13a) or replace defective module. |
| 3 | Transmitter does not key when OPR-TUNE switch is in TUNE position. | <ul style="list-style-type: none"> a. OPR-TUNE switch S102 defective. b. Overtemperature cutout has operated or is defective. | <ul style="list-style-type: none"> a. Check continuity from S102 (NO 2) to S102 (COM 2) with switch at TUNE. Replace S102 if circuit remains open (para 3-9). b. Check continuity from S102 (NO 2) to ground. If open, K103 has operated. Permit K103 to cool for 15 to 20 minutes and then recheck. If circuit is still open; replace K103 (para 3-9). |
| 4 | Oscillator control A7 loses control of hf oscillator. | <ul style="list-style-type: none"> a. Automatic oscillator capture circuit defective. b. Antilock relay circuit in main chassis defective. | <ul style="list-style-type: none"> a. Repair C-4311/PRC-47 (para 3-13f) or replace defective module. b. Place ground at J11-3 and observe that +1.0 volts dc appears at J11-4 and J11-5. If not, check J 11-1 for + 20 volts dc: repair circuit as required. Check continuity from J 11-4 to K6-8 and from J11-5 to K6-4. Repair if open. Check resistance of R126 (normal 19.1K ohms) and R127 (normal 1,210 ohms). Replace K6 if contacts remain open or repair resistor divider. |

Section III. ISOLATING TROUBLE

3-6. Trouble isolation Within a Module

a. When the cause of trouble has been localized to a stage or specific circuit within a module or subassembly through use of the troubleshooting charts, the following procedures will isolate the malfunction to a defective component.

WARNING

Avoid contact with the high-voltage circuits of Signal Data Translator CV-1377A/PRC-47 (A3), Power Supply PP-3518/PRC-47 (A5), and in the power amplifier compartment. These voltages can cause personal injury or death.

b. Make all voltage measurements at the tube

sockets and transistor terminals of a questionable circuit or stage. Use the flexible extender cables provided as part of Cable Assembly AN/PRA-4 (fig. 3-84) to extend the suspected module from the main chassis to gain access to the internal adjustments and test points. Refer to the voltage and resistance diagrams for the suspected module or subassembly shown in figures 3-68 through 383. Module disassembly and reassembly procedures are detailed in section V.

CAUTION

When making voltage readings on partially disassembled modules, do not permit the individual card assemblies to

come in contact with one another or with the module chassis.

Component damage can result.

c. If abnormal voltage readings are obtained, remove all power from the module being tested and conduct dc resistance measurements throughout the suspected circuit or stage to isolate any open- or short-circuit conditions, or defective parts. Refer to the module schematic diagrams, (fig. 7-8 through 7-14), or to the transformer and coil resistance data shown in paragraph 3-7.

d. Trouble that does not completely disable the equipments, but which results in decreased receiver sensitivity or transmitter power output can be difficult to isolate and may become time-consuming. When such symptoms are evident, and all circuit checks fail to indicate a defective part, check the alignment of the receiver-transmitter (chapter 4) or consult the adjustment routines of section VI.

3-7. Dc Resistance of Coils and Transformer Windings

a. The dc resistance of coil and transformer windings is shown in the following charts.

(1) *Audio Frequency Amplifier AM-3606/PPC-47 (A8A1) (fig. 7-9).*

| Ref des | Terminal no. | Resistance (ohms) |
|---------|-----------------------------|-------------------|
| A1K1 | 1 to 2 | 800 ± 20% |
| A1L1 | 1 to 2 | 180 ± 10% |
| A1L2 | 1 to 2 | 30 ± 10% |
| A1L2 | 2 to 3 | 420 ± 10% |
| A1L3 | 1 to 2 | 420 ± 10% |
| A1T1 | Yellow to green | 190 ± 25% |
| A1T1 | Red to blue (R12 connected) | 780 ± 25% |
| A1T2 | 1 to 2 | 150 ± 10% |
| A1T2 | 3 to 4 | 15 ± 10% |
| A1T3 | 1 to 2 | 325 ± 10% |
| A1T3 | 3 to 4 | 100 ± 10% |
| A1T3 | 4 to 5 | 100 ± 10% |
| A1T5 | 1 to 2 | 80 ± 10% |
| A1T5 | 2 to 3 | 80 ± 10% |
| A1T5 | 4 to 5 | 100 ± 10% |

(2) *Amplifier-Modulator AM-3507/PRC-47 (A8A2)) (fig. 7-10).*

| Ref des | Terminal no. | Resistance (ohms) |
|---------|--------------|-------------------|
| A2L1 | 1 to 2 | 50 ± 10% |
| A2L2 | 1 to 2 | 16.5 ± 10% |
| A2L3 | 1 to 2 | 50 ± 10% |
| A2L4 | 1 to 2 | 4 ± 10% |
| A2L5 | 1 to 2 | 29 ± 10% |
| A2L6 | 1 to 2 | 3 ± 10% |
| A2L7 | 1 to 2 | 3.5 ± 10% |
| A2L8 | 1 to 2 | 29 ± 10% |
| A2L9 | 1 to 2 | 72 ± 10 % |
| A2L10 | 1 to 2 | 50 ± 10 % |
| A2T2 | 1 to 3 | 1 ± 10 % |
| A2T2 | 4 to 6 | 0.5 ± 10 % |
| A2T3 | 1 to 3 | 5 ± 10 % |
| A2T3 | 4 to 6 | 1 5 ± 10 % |

(3) *Signal Data Translator CV-1377A/PRC-47/A8A3) (fig. 7-11).*

| Ref des | Terminal no. | Resistance (ohms) |
|-----------|--------------|---------------------|
| A3K1 | 3 to 4 | 1,000 ± 10% |
| A3L1 | 1 to 2 | Less than 1 ohm |
| to A3L81 | | |
| A3L98A | 1 to 2 | Less than 0.02 ohms |
| A3L98B | 3 to 4 | Less than 0.02 ohms |
| A3L100 | 1 to 2 | 11.1 ± 10% |
| A3L101 | 1 to 2 | 7.5 ± 10% |
| A3L102 | 1 to 2 | 2 ± 10% |
| A3L103 | 1 to 2 | Less than 0.02 ohms |
| A3L120 | 1 to 2 | 11.6 ± 10% |
| A3L121 | 1 to 2 | 10 ± 10% |
| A3L125 | 1 to 2 | Less than 1 ohm |
| to A3L134 | | |
| A3L135 | 1 to 2 | 1.65 ± 10% |
| A3L136 | 1 to 2 | Less than 1 ohm |
| to A3L145 | | |
| A3T1 | A to B | Less than 0.1 ohm |

(4) *Power Supply PP-3518/PRC-47 (A8A5) (fig. 7-12).*

| Ref des | Terminal no. | Resistance(ohms) |
|---------|--------------|------------------|
| A5K1 | 1 to 2 | 300 ± 10% |
| A5L1 | 1 to 2 | 3 ± 10% |
| A5T1 | 1 to 2 | .2 ± 10% |
| A5T1 | 2 to 3 | .2 ± 10% |
| A5T1 | 3 to 4 | .2 ± 10% |
| A5T1 | 4 to 5 | .3 ± 10% |
| A5T1 | 6 to 7 | 13 ± 10% |
| A5T1 | 8 to 9 | 18.2 ± 10% |
| A5T1 | 10 to 11 | 65 ± 10% |
| A5T1 | 12 to 13 | .3 ± 10% |
| A5T1 | 13 to 14 | .2 ± 10% |
| A5T1 | 15 to 16 | 55 ± 10% |
| A5T2 | 1 to 2 | 12.2 ± 10% |
| A5T2 | 3 to 4 | .7 ± 10% |

(5) *Radio Frequency Oscillator 0-1032/PRC-47 (A8A6) (fig. 7-13).*

| Ref des | Terminal no | Resistance (ohms) |
|---------|-------------|-------------------|
| A6L1 | 1 to 2 | 2.6 ± 10% |
| A6L2 | 1 to 2 | 11.6 ± 10% |
| A6L3 | 1 to 2 | 7.5 ± 10% |
| A6L4 | 1 to 2 | 16.5 ± 10% |
| A6L5 | 1 to 2 | 3.9 ± 10% |
| A6L6 | 1 to 2 | 72 ± 10% |
| A6L7 | 1 to 2 | 29 ± 10% |
| A6L8 | 1 to 2 | 21 ± 10% |
| A6L9 | 1 to 2 | 72 ± 10% |

(6) *Oscillator Control C-4311/PRC-47 (A8A7) (Fig. 7-14)*

| Ref des | Terminal no | Resistance (ohms) |
|---------|-------------|-------------------|
| A7L1 | 1 to 2 | 4.5 ± 10% |
| A7L2 | 1 to 2 | 2.6 ± 10% |
| A7L3 | 1 to 2 | 50 ± 10% |
| A7L4 | 1 to 2 | 11.6 ± 10% |

| Ref des | Terminal no. | Resistance ohms |
|-------------|----------------|-----------------|
| A7L5 | 1 to 2 | 50 ± 10% |
| A7L6 | 1 to 2 | 50 ± 10 % |
| A7L7 | 1 to 2 | 11.6 ± 10 % |
| A7L8 | 1 to 2 | 50 ± 10% |
| A7L16 | 1 to 2 | 7.5 ± 10% |
| A7L17 | 1 to 2 | 7.5 ± 10% |
| A7L18 | 1 to 2 | 7.5 ± 10% |
| A7L19 | 1 to 2 | 1.8 ± 10% |
| A7L21 | 1 to 2 | 16.5 ± 10 |
| A7L22 | 1 to 2 | 16.5 ± 10 |
| A7L23 | 1 to 2 | 7.5 ± 10% |
| A7L24 | 1 to 2 | 7.5 ± 10% |
| to A7L26 | | |
| A7L28 | 1 to 2 | 7.5 ± 10% |
| to A7L32 | | |
| A7L34 | 1 to 2 | 29 ± 10% |
| to A7L37 | | |
| A7T1 | primary | 1.6 ± 10% |
| A7T1 | half secondary | 1.6 ± 10% |
| A7T1 | half secondary | 1.6 ± 10% |
| A7T2 | primary | 3.25 ± 10 |
| A7T2 | half secondary | 1.25 ± 10 |
| A7T2 | half secondary | 1.25 ± 10 |
| A7T3 | primary | 1.6 ± 10% |
| A7T3 | half secondary | 1.6 ± 10% |
| A7T3 | half secondary | 1.6 ± 10% |
| A7T4 | primary | 3.25 ± 10 |
| A7T4 | half secondary | 1.25 ± 10 |

(7) Electrical Equipment Chassis CH-474/PRC-47 (A8A4) (fig. 7-8).

| Ref des | Terminal No. | Resistance (ohms) |
|---------|--------------|-------------------|
| L1 | 1 to 2 | 1.2 ± 10% |
| L2 | 1 to 2 | 1.2 ± 10% |
| L3 | 1 to 2 | 1.2 ± 10% |
| L4 | 1 to 2 | Less than 1 ohm. |
| L5 | 1 to 2 | 72 ± 10% |
| L6 | 1 to 2 | 72 ± 10% |
| T1 | 1 to 2 | 1 ± 20% |
| T1 | 2 to 3 | 60 ± 20% |
| T1 | 3 to 4 | 1 ± 20% |
| T2 | 1 to 2 | 80 ± 20% |
| T2 | 3 to 4 | 2.2 ± 10% |
| T3 | 1 to 2 | .2 ± 10% |
| T3 | 3 to 4 | .5 ± 10% |

(8) Power Amplifier Compartment (A8A1) (fig. 7-8).

| Ref des | Terminal no | Resistance ohms |
|------------|-------------|------------------|
| L102 | 1 to 2 | 29 ± 10% |
| L103 | 1 to 2 | 50 ± 10% |
| L104 | 1 to 2 | Less than 1 ohm |
| L105 | 1 to 2 | 3.2 ± 10% |
| L106 | 1 to 2 | 2.1 ± 10% |
| L109 | 1 to 2 | Less than 1 ohm. |
| to L112 | | |
| L120 | 1 to 2 | .09 + 10% |
| L121 | 1 to 2 | .09 + 10% |
| L122 | 1 to 2 | 11.6 + 10% |
| L123 | 1 to 2 | 11.6 + 10% |

(9) Power Amplifier Filter Box FL2 (A8A4A1) (fig. 7-8)

| Ref des | Terminal no | Resistance ohms |
|---------|------------------|-----------------|
| L201 | FL2-13 to FL2-26 | 29 ± 10% |
| L202 | FL2-12 to FL2-25 | 29 ± 10% |
| L203 | FL2-11 to FL2-24 | 29 ± 10% |
| L204 | FL2-10 to FL2-23 | 29 ± 10% |
| L205 | FL2-9 to FL2-22 | 29 ± 10% |
| L206 | FL2-8 to FL2-21 | 2 ± 10% |
| L207 | FL2-7 to FL2-20 | 29 ± 10% |
| L208 | FL2-6 to FL2-19 | 29 ± 10% |
| L209 | FL2-5 to FL2-18 | 29 ± 10% |
| L210 | FL2-4 to FL2-17 | 29 ± 10% |
| L211 | FL2-3 to FL2-16 | 29 ± 10% |

b. Generally the forward resistance of the semiconductor diode is less than 100 ohms, while the reverse resistance will be greater than 10,000 ohms. Resistance measurements are not always a true indication of diode and transistor circuit performance, and serious damage can result by making these measurements with an ordinary ohmmeter.

CAUTION

Do not make diode resistance measurements with multimeter TS-352A/U or with any other instrument whose source voltage exceeds 1.5 volts dc. The semiconductor can be irreparably damaged by such voltages.



Figure 3-84. Cable Assembly Set AN/PRA-4, Equipment Supplied.

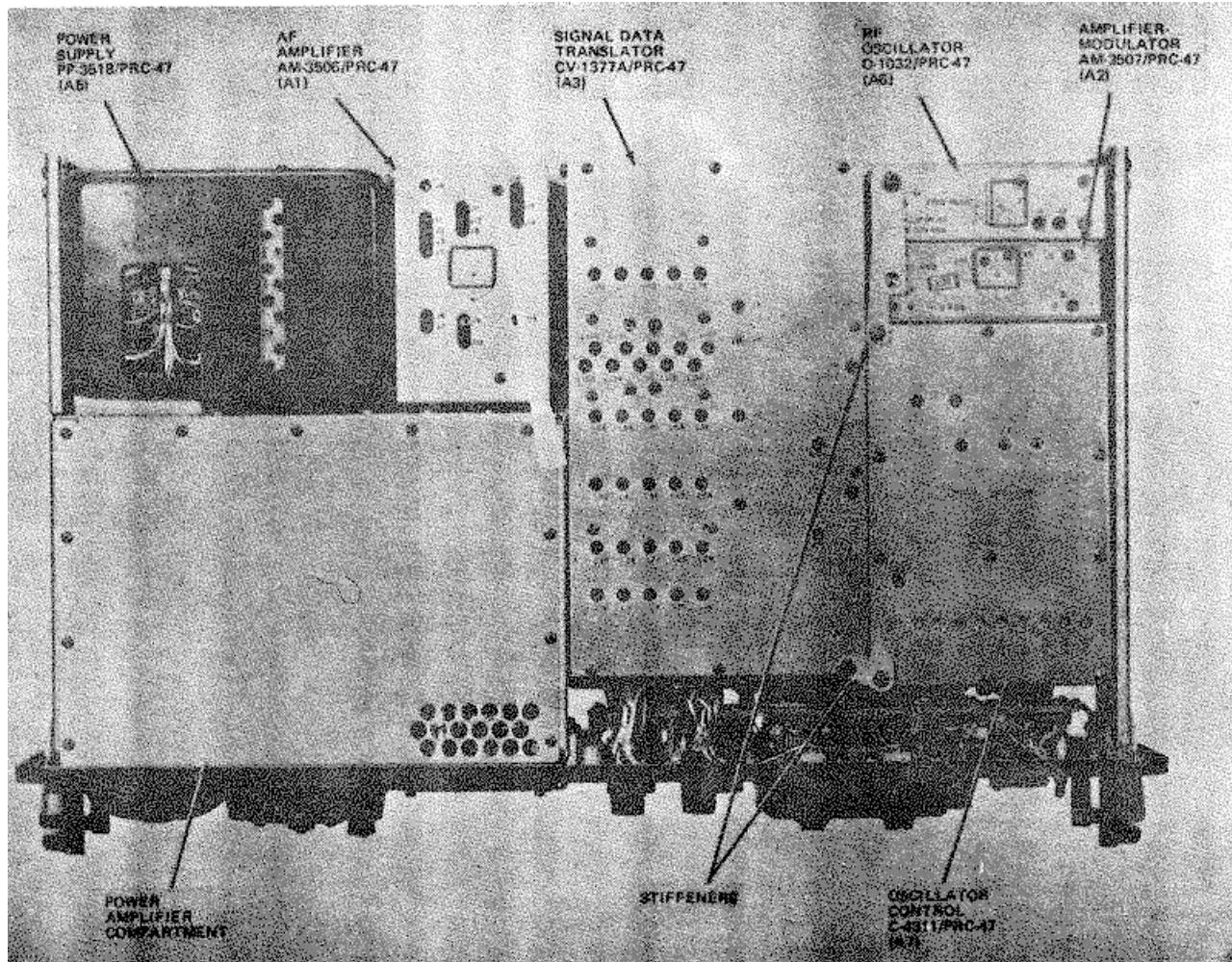


Figure 3-85. Radio Receiver-Transmitter RT-671/PRC-47, (A8) Top View, Location of Modules and Stiffeners.

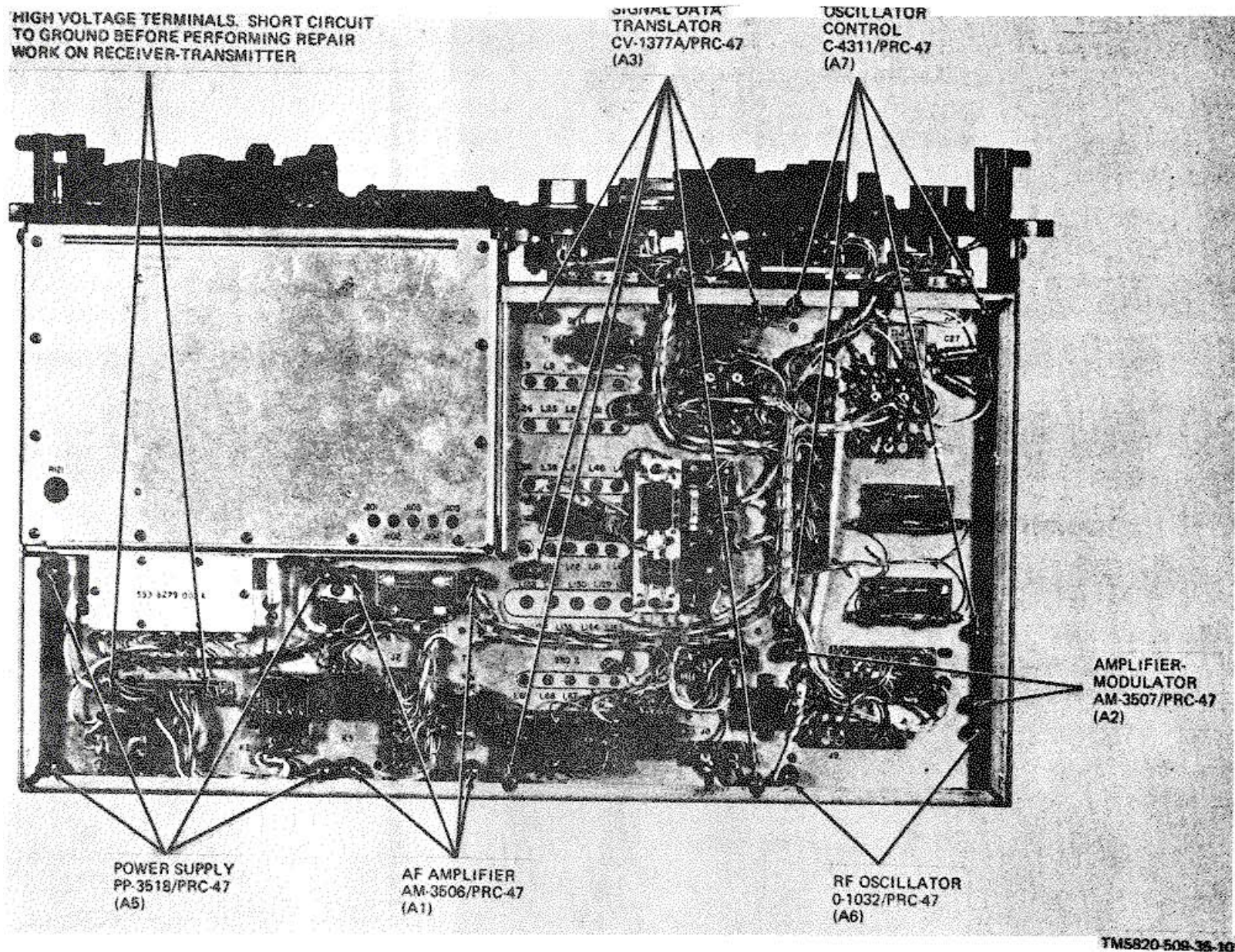
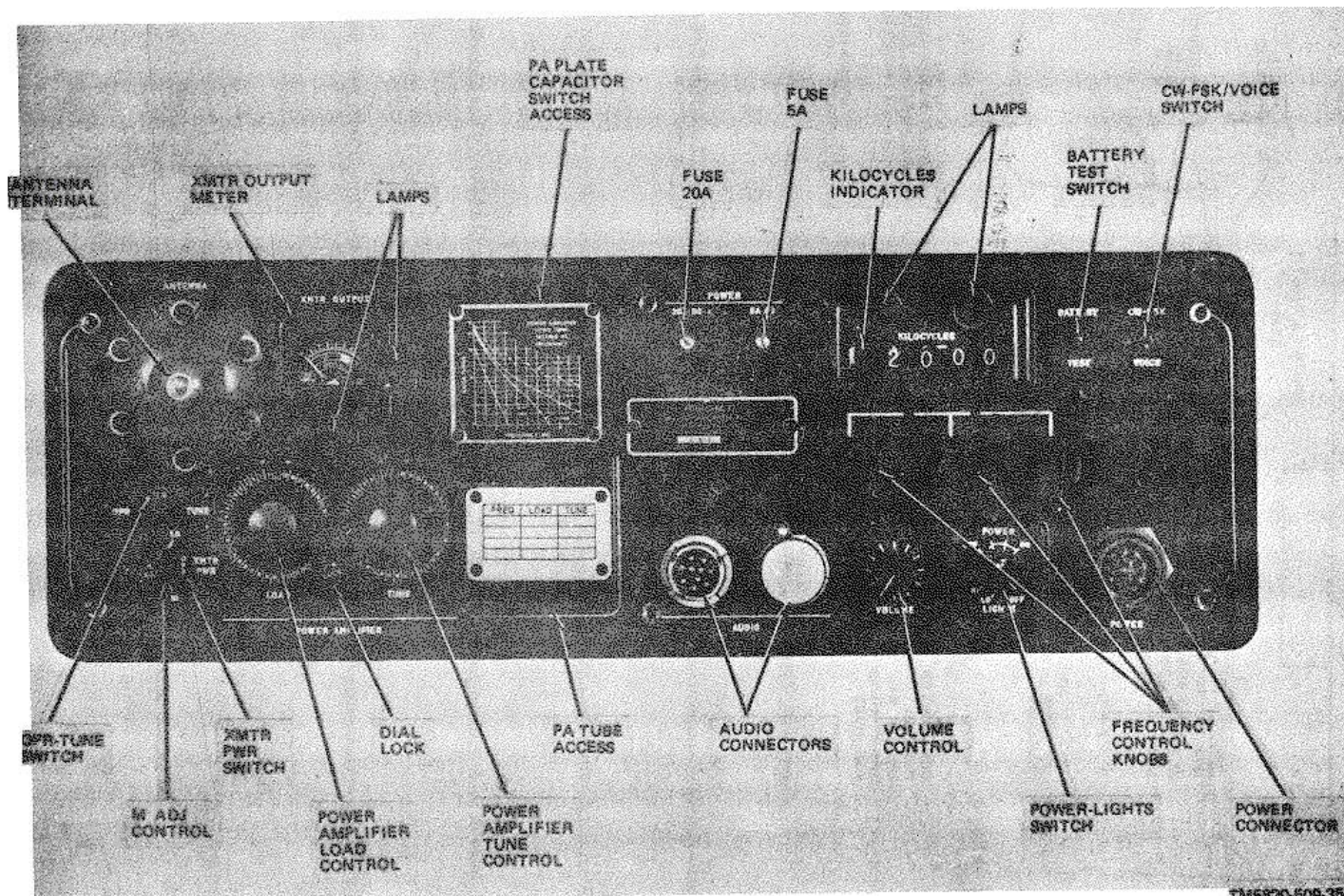


Figure 3-86. Radio Receiver-Transmitter RT0-671/PRC-47 (A8), Bottom View, Location of Module Retaining Screws.



TM5820-509-35-10

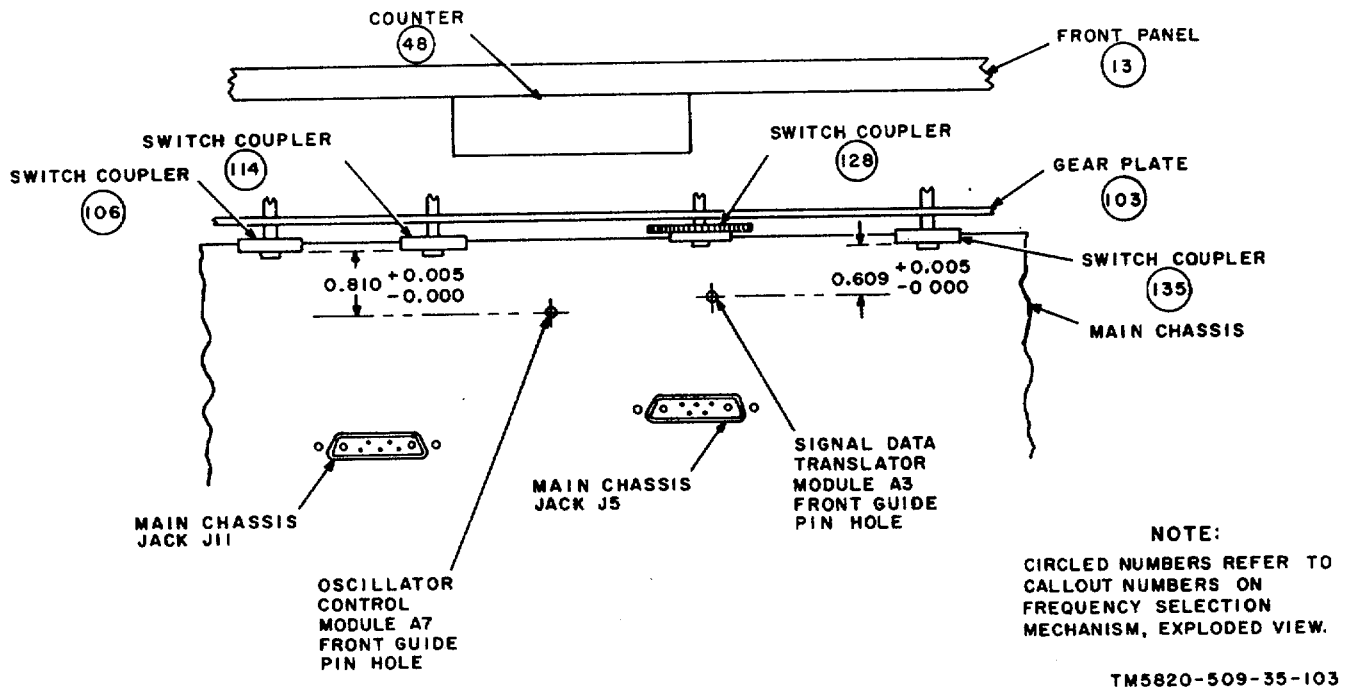


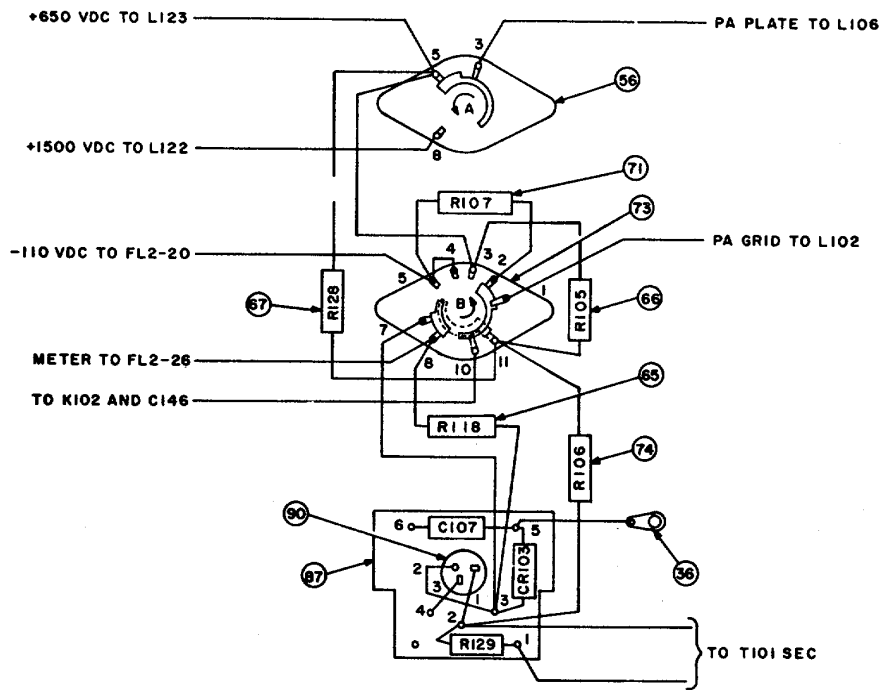
Figure 3-88. Frequency Selector Control, Switch Coupler Alignment Diagram

Figure 3-89. Radio Receiver-Transmitter RT-671/PRC-47, Power Amplifier Compartment (A8A4A) , Load-Tune Coil Assembly, Exploded View.
(Located in back of manual.)

Figure 3-90. Radio Receiver-Transmitter RT-671/PRC-47, Frequency Selection Mechanism (A8A4A1) , Exploded View.
(Located in back of manual.)

Figure 3-91. Radio Receiver-Transmitter RT-671/PRC-47, Power Amplifier Compartment (A8A4A1) , Plate Capacitor Switch, Exploded View.
Located in back of manual.)

Figure 3-92. Radio Receiver-Transmitter RT-671/PRC-47, Power Amplifier Compartment (A8A4A1) , XMTR PWR Switch (S103) , Exploded View.
(Located in back of manual.)



NOTES:

1. SWITCH SHOWN IN XMTR PWR LOW POSITION.
2. SWITCH VIEWED FROM REAR, WITH DRIVE END AT TOP.
3. CIRCLED NUMBERS ARE CALLOUTS ON XMTR PWR SWITCH EXPLODED VIEW.

TM 5820-509-35-108

Figure 3-93. Radio Receiver-Transmitter RT-671/PRC-47, Power Amplifier Compartment, XMTR PWR Switch (S103) (A8A4A1), Connection Diagram.

Section IV. REPAIR

3-8. General Parts Replacement Techniques

a. Most component parts of Radio Set AN/PRC-47 are readily accessible by removing the malfunctioning module, then its card assembly, and finally the defective component. Those mechanical and electrical repairs that require extensive disassembly of the equipment are best performed in well-lighted, uncluttered, and reasonably clean surrounds.

b. The following general precautions apply in performing repair procedures on the AN/PRC-47.

(1) When soldering or unsoldering precision resistors, transistors, or other semiconductor devices, solder quickly to reduce the heat conduction to as low as amount as possible. When space limitations permit, use a heat sink between the solder joint and the component being soldered.

(2) A pencil-type, 25-watt soldering iron is recommended for removal and replacement of semiconductor devices (transistors, diodes, zeners, varicaps, etc.). When alternating current is used to heat the soldering iron, an isolation transformer is recommended to reduce the possibility of electrical transients being induced into the circuit, or a polarity difference from existing between the soldering iron and the component being soldered.

CAUTION

Always check the soldering iron for short-circuits to the tip before using it. Do not use a soldering gun because damaging voltages can be induced into the component.

(3) When replacing a component, particularly those in the tuned circuits and frequency

generation sections of the equipment, always adjust the replacement component lead length, component placement, and proximity to adjacent devices as nearly as possible to the original installation. This minimizes the final alignment adjustments for the stage.

(4) High power semiconductor devices are often mounted on heat sinks. Whenever a device is replaced, always replace the insulating washer(s) if they have been used in the original installation.

CAUTION

Before installing insulating washers, treat them with silicone fluid or compound to enhance the heat conductivity through the washer. Check the continuity between the semiconductor case and the heat sink before making other electrical connections to the replacement device.

(5) When replacing ceramic or glass components, use a heat sink and avoid excessive pressure when gripping the component or its leads during soldering and attachment.

(6) Subminiature tubes are wired directly into the subassemblies: apply heat to these electrode leads carefully to avoid damage to the tube envelope

(7) Avoid overheating the capacitor body when replacing ceramic feed-through capacitors in a chassis. The plating can be destroyed by excessive heat.

(8) When tightening the setscrews in a collar-type clamp, the setscrews must be tightened against the center of the mechanical part.

(9) Special care must be exercised when soldering the terminal posts of some variable capacitors. Excessive heat can loosen the stator plates of some assemblies.

3-9. General Removal and Replacement Procedures

a. These general procedures are in addition to the specific routines listed in section V and are intended to act as guidelines to assist the maintenance technician in the removal and replacement of components in assemblies of Radio Receiver-Transmitter RT-671 /PRC-47.

b. Whenever component parts are removed for repairs, adjustments, or internal measurements:

(1) Remove all power from the equipment, and ground the high-voltage circuits at chassis connectors J1-A1 and J1-A2.

(2) Before removing Signal Data Translator CV-1377A/PRC-47 (A8A3) or Oscillator Control C-4311/PRC-47 (A8A7) adjust the front panel frequency control knobs to provide a reading of 2000 on the KILOCYCLES indicator. This places the shaft couplers of these modules in the proper position to facilitate module removal from the main chassis.

(3) When servicing the driver tube (A3V3) and the power amplifier tube (V101), remove the tube and its heat sink as a unit from the subassembly. Carefully observe the orientation of these tubes in their heat sink before separating them; installation of the replacement tube is easier if the heat sink is properly oriented outside the subassembly.

(4) Disassemble only those items and component subassemblies that are required to perform the desired maintenance. Any defective part that cannot be repaired should be replaced.

(5) Soldering must be in accordance with Military Specification MIL-S-6872. Use only rosin-core solder. A wire solder containing 60-percent tin and 40-percent lead, having a diameter of 1/16-inch and meeting the general requirements of this specification is available in one-pound quantities under Federal Stock Number 3439-753-1874.

(6) Clean all parts after soldering to remove residual rosin. Denatured alcohol (FSN 6810-222-2373) is recommended for this purpose.

(7) Replacement wiring should be the same length and gage as the wire it replaces and should be dressed to conform to the routing of the original conductor.

(8) Remove a defective part from a printed circuit card by clipping its leads as close to the terminal hole as possible.

(9) Clear the terminal hole of a printed circuit card by applying only enough heat to cause the solder to flow; then clear the solder and clipped component lead out of the terminal hole with a small pick.

(10) Insert the lead wire(s) of the replacement component into the terminal holes of the printed circuit card and adjust their individual lengths and dress to locate the replacement component in the same position as the original one (use parts location photographs to verify the location of this replacement part). Solder the leads using a heat sink; then clip off the excess lead wire.

c. Printed circuit card repair is not recommended unless the repair is minor. The following procedures are recommended when such repair is desired.

(1) Eliminate the progress of a crack in the circuit card by drilling a stop hole (no. 65 drill) at the end of the crack.

(2) If a Crack extends under or through the

printed circuit, a suitable conventional wire may be soldered to the circuit to bridge the area of a crack. Standoff terminals or eyelets may be added to facilitate connection of component leads provided the circuit is not altered.

(3) If an area of the printed circuit has lifted from the board without cracking, and for a length of not more than one inch, the printed circuit can be fastened back to the board as follows:

(a) Clean the raised area of the circuit with technical acetone, FSN 6810-184-4795 (one gallon).

(b) Prepare a bonding material by mixing equal quantities of epoxy sealing compound (FSN 8030-589-8477, 1/2 pt.) and hardener (FSN 8030543-2587, 1/2 pt.). Mix only enough to do the immediate Job since it cannot be retained for later use.

(c) Press the circuit net and apply the bonding agent so that it extends about 1/16-inch beyond the raised circuit in all directions.

(d) Permit the bonding agent to air dry for at least 24 hours before using the card or doing further work on the circuit.

Section V. ASSEMBLY AND DISASSEMBLY

3-10. General

The tools required for removal of modules are included in Tool Kit, Radar and Radio Repair, TK87/U. Module retaining screws are shown in figure 3-86. Before removing Signal Data Translator CV-1377A/PRC-47 (A3) or Oscillator Control C-4311/PRC-47 (A7), set the KILOCYCLES indicator on the front panel of RT-671/PRC-47 to 2000. This is necessary to align the drive shaft couplings of these modules in a vertical position so that the modules can be easily removed from the chassis without coupling damage.

WARNING

Before removing any equipment cover or module from Radio Receiver-Transmitter RT-671 /PRC-47, disconnect all power from the unit.

3-11. Removal and Replacement of Receiver-Transmitter Case

a. Removal.

(1) Loosen the six screws that secure Panel Cover CW-647/PRC-47 to the RT-671/PRC-47; remove the cover.

(2) Invert the RT-671/PRC-47 so that it rests face down on the handles attached to the front panel.

(3) Loosen and remove the six screws on the bottom of the case that secure the case to Electrical Equipment Chassis CH-474/PRC-47.

(4) Carefully lift the case from the receiver-transmitter.

b. Replacement.

(1) Invert the Radio Receiver-Transmitter RT-671/PRC-47 so that it rests on the handles attached to the front panel.

(2) Clean the interior of the case to remove any accumulated dust or dirt.

(3) Carefully lower the case over the electronic equipment chassis until the six screw holes in the bottom of it are properly aligned to permit insertion of the screws. Install the six screws and tighten securely.

(4) Invert the unit to its normal operating position and install Panel Cover CW-647/PRC-47; tighten the six attaching screws.

3-12. Removal and Replacement of Plug-in Modules

WARNING

High voltages are present in the circuits associated with Signal Data Translator CV-1377A/PRC-47, Power Supply PP-3618/PRC-47, and the power amplifier compartment. These voltages are dangerous and can cause personal injury or death. Ground the two high-voltage terminals on the main chassis (J1-A1 and J1-A2) to discharge the capacitors in the high-voltage circuits before beginning maintenance within the chassis or inside any module.

a. *General.* Before loosening the module retaining screws (fig. 3-86), remove the upper module stiffeners (fig. 3-85). To remove the module from the main chassis, loosen the captive hardware and carefully lift the module from the chassis connector. The following detailed procedures apply to all plug-in modules of Radio Receiver-Transmitter RT-671/PRC-47.

b. Removal.

(1) Invert RT-671/PRC-47 to expose the main chassis components and wiring.

(2) Loosen the four captive screws Five for Signal Data Translator CV-1377A/PRC-47, and two each for Amplifier-Modulator AM-3507/PRC-47 and Radio Frequency Oscillator O-

1032/PRC-47) at the locations shown in figure 386.

(3) Return the receiver-transmitter to its upright position.

(4) If the module being removed is Signal Data Translator CV-1377A/PRC-47 (A3) or Oscillator Control C-4311/PRC-47 (A7), adjust the KILOCYCLES indicator to 2000 before attempting to remove the module from the main chassis.

(5) Carefully pull the module straight out of its mating chassis connector using the handle on top of the module if available.

c. Replacement.

(1) Align the module guide pins with the guide holes in the main chassis.

CAUTION

Before attempting to install Signal Data Translator CV-1377A/PRC-47 at location A8A3 or Oscillator Control C-4311/PRC47 at location A8A7 on the main chassis, set the KILOCYCLES indicator to 2000, then adjust the module shaft coupling to the orientation shown in figure 3-44 (CV-1377A/PRC-47) or figure 3-63 (C-4311/PRC-47) to prevent damage to the module or its drive shaft during replacement.

(2) Press the module firmly into its chassis connector.

(3) Tighten the module retaining screws (fig. 3-86) to secure the module to the chassis.

(4) If no further modules are to be serviced and maintenance procedures are complete, replace the module stiffeners (fig. 3-85) and return the receiver-transmitter to its case using the procedures detailed in paragraph 3-11b.

3-13. Module Assembly and Disassembly Procedures

a. Audio Frequency Amplifier AM-3506/PRC47 (A8A1). (fig. 3-6, 3-16 through 3-19)

(1) Disassembly Procedures.

(a) Loosen and remove the two 4-40 x 5/16 pan head screws and their associated washers that secure the cover to the module chassis; carefully remove the cover by lifting it from the module.

(b) To remove card assembly E3 (containing the driver and agc amplifier stages), loosen and remove the four 2-56 x 1/4 flat head screws (two per side) that secure this card assembly to the sides of the module chassis; carefully fold the card assembly forward out of the chassis.

(c) To remove card assembly E2 (containing the microphone and audio amplifier stages), loosen and remove the six 2-56 x 1/4 flat head screws (three per side) that secure this card assembly to the sides of the modules chassis carefully fold this card forward (away from E1).

(d) To remove card assembly E1 (containing the cw oscillator and vox circuits), first perform step (c) to remove card assembly E2; then loosen and remove the six remaining 2-56 x 1/4 net head screws (three per side) that secure this card assembly to the sides of the module chassis. Carefully fold this card forward to expose the components mounted to the face of it. (R83 is connected to the back of this card, opposite R85).

(e) The component parts attached directly to the module chassis may be individually removed as required for repair or replacement.

NOTE

If interconnecting wires between the card assemblies or between a card and the module connector, or between individual components on the chassis are removed to affect repairs, tag each wire carefully so that it may be reconnected to its proper terminal location.

(2) *Repair Procedures.* Replace any defective component or repair the circuit using the procedures outlined in section IV. Component parts shown on the module schematic diagram (fig. 7-9) are located on figures 3-16 through 3-19.

CAUTION

When using a soldering iron to remove or to replace a component part, use only enough heat to cause the solder to flow. Excess heat can damage the component and may also damage the printed circuit. (3) Reassembly Procedures.

(a) Replace and solder any wires removed from the module connector or between the card assemblies during disassembly and repair procedures.

(b) Install the circuit cards in their respective locations (fig. 3-6) beginning with card assembly E1, if it has been removed.

CAUTION

When installing card assemblies E 1 and E2 in the chassis dress the module cabling to prevent stressing the cards. Card or component damage can result if these card assemblies are forced into place.

(c) Secure the card assemblies in place with the 2-56 x 1/4 flat head screws (eight per side).

(d) Replace the module cover and secure it in place with two 4-40 x 5/16 pan head screws and associated flat washers inserted through the holes in the top of the cover.

NOTE

When replacing the module cover, observe the notch orientation in the bottom edges of the cover; verify that the cover is fully seated before attempting to install the retaining screws and washers.

b. *Amplifier-Modulator AM-3507/PRC-47 (A8A2).* (fig. 3-7 3-8, 3-20 and 3-21)

(1) *Disassembly Procedures.*

(a) Remove the four 4-40 x 3/16 flat head screws that secure each side cover to the module chassis.

NOTE

If interconnecting wires between card assemblies or between a card and the module connector must be removed to affect repairs tag each wire carefully so that it may be reconnected to its proper terminal location.

(b) To remove card assembly E1 disconnect the two shielded wires (from test point J2 and P3-A2) from the terminal adjacent to capacitors C7 and C8 (fig. 3-7). Next remove the four remaining wires that interconnect P3 (terminals 1 through 4) with terminals on the card. Remove the five wires that interconnect card assembly E1 with card assembly E2 (two wires are adjacent to transformer T2). Finally remove the four 4-40 x 3/16 pan head screws that secure the card assembly to the module chassis.

(c) To remove card assembly E2 disconnect the seven wires (2 near transformer T2) that interconnect this card assembly with the remaining circuits of the module. Loosen and remove the two 4-40 x 3/16 pan head screws that secure the card assembly to the module chassis.

(d) Card assemblies E3 E4 and E5 are accessible from the opposite side of the module chassis. Disassemble and tag the circuit components if they are removed.

(2) *Repair Procedures.* Replace any defective component or repair the circuit using the procedures outlined in section IV. Component parts shown on the module schematic diagram Fig 7-10, are located on figures 3-20 and 3 21.

CAUTION

When using a soldering iron to remove or to replace a component, part use only enough heat to cause: the solder to flow. Excess heat can damage the component and may also damage the printed circuit.

(3) *Reassembly Procedures.*

(a) Replace and solder any wires removed from the module connector or between the card assemblies during disassembly or repair procedures.

(b) Install the card assemblies in their respective locations (fig. 3-7 and 3-8) and secure them in place with the 4-40 x 3/16 pan head screws.

(c) Replace the module side covers and secure them with the 4-40 x 3/16 flat head screws (four per side) to the module chassis.

NOTE

Be sure to place the proper cover on each side of the module so that its silkscreen agrees with the assembly it covers.

c. *Signal Data Translator CV-1377A/PRC-47 (A8A3).* (fig. 3-9 3-10 3-22 through 3-44)

(1) *Disassembly Procedures.*

(a) Remove the 4-40 x 1/4 screws that secure the top and/or bottom covers to the module chassis.

(b) To remove card assemblies E47 and E48 remove the four 4-40 x 1/4 flat head screws from the right side of the module chassis and lift the card assemblies upward and out of the unit through the top of the chassis.

(c) To remove card assemblies TB 1 and TB2 remove the two 4-40 x 1/4 flat head screws from the right side of the chassis and lift the card assembly out through the bottom of the chassis.

(d) To remove card assembly E46, remove the two 2-56 x 3/16 screws from the divider and lift the card assembly out through the bottom of the chassis.

(e) To remove any switch card assembly first verify that the frequency range switch shaft coupling is in the position shown in figure 3-44; then perform steps (f) through (h).

(f) Remove the C-shaped retaining ring from the rear of the frequency range switch shaft (fig. 3-43).

(g) Withdraw the shaft from the module through the coupler end of the unit.

(h) Slide out the desired switch card(s).

NOTE

If the vfo subassembly with switch cards S6 and S7 is to be removed loosen and remove the two 4-40 x 3/16 screws at the right side of the module before lifting the vfo subassembly out. The assembly consisting of switch cards S1 S2 and S3 (as well as the vfo subassembly) are fastened together and must be removed as a unit. Further disassembly may be required before repair to an individual component or card can be affected. If interconnecting wires or component leads interconnect these individual cards carefully tag each lead before removing it to assure that it can be reconnected to the

proper location on the card during reassembly procedures.

(2) *Repair Procedures.* Replace any defective component or repair the circuit using the procedures outlined in section IV. Component parts shown on the module schematic diagram (fig. 7-12) are located on figures 3-22 through 3-43).

CAUTION

When using a soldering iron to remove or to replace a component part, use only enough heat to cause the solder to flow. Excess heat can damage the component and may also damage the printed circuit.

(a) Vacuum tubes V1 and V2 (part of card assemblies TB1 and TB2 respectively) are connected directly to terminals on the card. To remove these tubes, unsolder each electrode lead carefully from the terminal and then remove the tube from its shield. (Install a new tube and solder each electrode lead to its proper terminal location as shown in figures 3-22 and 3-23).

(b) To replace driver tube V3 (fig. 3-9), remove the four screws that secure the heat sink to the right side of the module chassis. Remove the heat sink and the tube from socket XV3. (Install the new tube in the tube socket and replace the heat sink and its corrugated contactor over the replacement tube before again installing the four retaining screws.

(3) *Reassembly Procedures.*

(a) Replace and solder any wires removed from the module connector or between card assemblies during the disassembly and repair procedures.

CAUTION

Before replacing the switch cards in the module, make sure that each switch rotor is placed in position no. 1 (fig. 3-42). Equipment damage can result if the band switches are not properly oriented before insertion in the module.

(b) Reassemble switch group SI-S2-S3 (fig. 3-24, 3-25) and vfo-S6-S7 (fig. 3-31, 3-32) if they were disassembled.

(c) Install card assemblies TB1, TB2, E46, E47, E48 and the vfo subassembly in their proper locations in the module chassis using the appropriate hardware.

(d) Install the switch cards and switch card groups in their respective slots if they have been removed.

NOTE

The keyway in switch card assemblies S6-S7 and S10 must be oriented toward the bottom of the

module chassis before inserting these cards in their respective slots.

(e) With all switches installed, carefully replace the frequency range switch shaft with the groove in the coupling end of it oriented as shown in figure 3-44.

CAUTION

When inserting the frequency range switch shaft be careful that the rotor position of the switches is not disturbed. Do not use excess force when threading this shaft through the switch rotors; switch parts can be damaged unless extreme care is used.

(f) Replace the C-shaped retaining ring in the groove at the rear end of the frequency range switch shaft.

(g) Replace the top and bottom covers on the module and secure them with the 4-40 screws removed in step c(1)(a).

(h) Before installing the module in the main chassis of the receiver-transmitter, observe the CAUTION in step 3-12c.

d. *Power Supply PP-3518/PRC-47 (A8A5)* (fig. 3-11, 3-45 through 3-51).

(1) *Disassembly Procedures.*

(a) Loosen and remove the two 4-40 x 5/16 pan head screws and the one 4-40 x 5/16 flat head screw that secure the plastic cover of the module to the chassis: remove the cover.

WARNING

Before further disassembly, short-circuit connector pins PI-A1 and P1-A2 to ground to discharge the high-voltage filter capacitors. Personal injury or death can result from these voltages.

(b) To remove subassembly no. 1 (fig. 3-46, 3-47), loosen and remove the four 4-40 x 1/4 pan head screws and carefully fold the subassembly down and out of the way.

(c) To remove subassembly no. 2 (fig. 3-48), loosen and remove the four 4-40 x 3/8 pan head screws and carefully fold the subassembly up out of the way.

(d) To remove subassembly no. 3 (fig. 3-49), loosen and remove the two 4-40 x 5/16 net head screws, their flat washers and stop nuts: carefully lift the subassembly out of the chassis.

(e) To remove voltage regulator subassembly TB1 (fig. 3-51), loosen and remove the 4-40 x 1/16 pan head screw that secures the bracket and the terminal post to the chassis; then loosen the 6-32 x 1/2 pan head screw that secures T2 and the other voltage regulator bracket to the module chassis. There is a flat washer under the.

head of this 6-32 screw, and a nut washer, lock washer, and hex nut above the chassis at the bracket end).

NOTE

If interconnecting wires between subassemblies, or between components and the module connector must be removed to affect repairs, tag each wire carefully so that it may be reconnected to its prop. terminal location.

(c) Major piece parts that are mounted directly to the chassis may be removed by first disconnecting the component lead and then removing the mounting hardware that secures the component to the module chassis.

(2) *Repair Procedures.* Replace any defective component or repair the circuit using the procedures outlined in section IV. Component parts shown on the module schematic (fig. 7-12) are located in figures 3-45 through 3-51.

CAUTION

When using a soldering iron to remove or replace a component part, use only enough heat to cause the solder to flow. Excess heat can damage the component and may also damage the printed circuit card.

(3) *Reassembly Procedures.*

(a) Replace and solder any wires removed from the module connector or between subassemblies during the disassembly or repair procedures.

(b) Install the subassemblies in their respective locations and secure each in place with the appropriate hardware. If voltage regulator subassembly TB1 has been removed, install this assembly before attaching subassemblies no. 1 and no. 2 to the module chassis.

(c) Replace the plastic cover over the module and secure it with the hardware removed earlier.

e. *Radio Frequency Oscillator 0-1032/P:RC-47 (A8A6).* (fig. 3-12, 3-13, 3-52 and 3-53)

(1) *Disassembly Procedures.*

(a) Loosen and remove the two 4-40 x 5/16 pan head screws in the top of the module cover, then pull the cover from the chassis of the module.

(b) To remove the card assemblies (fig. 3-12 and 3-13), loosen and remove the six 2-56 x 3/16 pan head screws that secure them to the module chassis; carefully lift each card assembly out of the module.

NOTE

The 500-kHz circuits are mounted directly to the module chassis. Defective individual components of this circuit may be removed and replaced as required. If interconnecting wires between the module connector and the

subassemblies or between individual assemblies are removed to affect repairs, tag each wire carefully so that it may be reconnected to its proper terminal location.

(2) *Repair Procedures.* Replace any defective component or repair the circuit using the procedures outlined in section IV. Component parts shown on the module schematic diagram (fig. 7-3) are located in figures 3-52 and 3-53.

CAUTION

Do not attempt to repair card assembly E2. This subassembly and the encapsulated crystal circuit must be carefully removed and returned to the depot for repair and adjustment. Failure to do so may result in off-frequency operation or malfunction of the equipment. When using a soldering iron to remove or replace a component part, use only enough heat to cause solder to flow. Excess heat can damage the component and may also damage the printed circuit.

(a) Remove card assembly E2 as follows:

1. Unsolder and tag the wires that connect to card assembly E1 and to resistor R44 on the chassis; disconnect the shielded wire on the back of card assembly E2.

2. Carefully press card assembly E2 out of its location through the side of the module.

NOTE

Press the top of the card over the lip of the chassis toward the rear of the unit, then work the card upward until the bottom of the card can be removed over the rim at the bottom of the module chassis.

(3) *Reassembly Procedures.*

(a) If card assembly E2 has been removed, carefully install the replacement unit in the same location. Refer to figure 3-52 for proper orientation of this card assembly.

NOTE

Before installing card assembly E2, be sure that the sponge rubber covering is installed over the top of the card and encloses the oscillator subassembly and its tank circuit components.

(b) Solder any wires removed from the module connector or between card assemblies during disassembly or repair procedures.

(c) Install the card assemblies in their assigned positions (fig. 3-12).

(d) Secure card assembly E1 to the module chassis with the six 2-56 x 3/16 pan head screws.

(e) Replace the module cover and verify that it is seated properly before securing it in place with the two 4-40 x 5/16 pan head screws and their associated flat washers.

f. *Oscillator Control C-4311/PRC-47 (A8A7)*. (fig. 3-14, 3-15, 3-54 through 3-63)

(1) *Disassembly Procedures.*

(a) Remove the module covers by loosening and removing the 4-40 screws that secure the top and/or bottom covers to the module chassis.

NOTE

Several circuit card assemblies of this module are interconnected with lead wires. Where necessary, unsolder the interconnecting wire and tag it carefully so that it may be correctly reconnected to the appropriate terminal during reassembly procedures.

(b) Remove the 4-40 x 3/16 flat head screw on the right side of the chassis near the bottom that secures the nylon cable clamp to the chassis. Carefully slide card assembly E1 out through the bottom of the module; then slide out card assembly E2 and TB1 in that order.

(c) To remove card assembly E4, first unsolder the wire that connects this card to card assembly E5 (fig. 3-14). Then remove card assembly E4 through the bottom of the module.

(d) To remove card assembly E5, it is first necessary to remove switch card assemblies E6, E7 and E8. With these cards removed (as a unit), card assembly E5 can be readily withdrawn from the module chassis using the procedures detailed in steps (e) through (i).

(e) Verify that the switch couplers are aligned as shown in figure 3-63 with the grooves in the coupling half vertical and the index spots in the positions shown.

NOTE

The coupler associated with switch S2 must be positioned at its maximum counterclockwise stop (10 turns) in addition to having the groove in the coupling half oriented vertically.

(f) Remove the two switch shafts by first loosening and removing the six 2-56 x 1/4 pan head screws (3 per plate) from the triangular-shaped switch retaining plates behind the shaft couplers (fig. 3-63). Carefully withdraw these two shafts by grasping the coupler and sliding them out through the front of the module.

CAUTION

Do not disturb the position of the switch rotors when withdrawing

these shafts. If the shaft sticks in a switch rotor, a slight rocking motion will free it so that it can be further withdrawn.

(g) Carefully lift the interconnected switch card assemblies (E6, E7, and E8) out of the module chassis as a unit through the bottom of the module chassis.

NOTE

If the interconnecting wire between card assemblies E4 and E5 has not been disconnected, unsolder this wire, withdraw it through the hold in the partition, and tag it carefully for reconnection later.

(h) Loosen and remove the four 4-40 x 1/4. flat head screws (2 per. side) that secure the partition (between E4 and E5) to the sides of the-module chassis; withdraw the partition through the bottom of the module chassis.

(i) Loosen and remove the four 4-40 x 7/8 pan head screws, their associated washers, and the four 1/2-inch spacers used to attach card assembly E5 to the bearing plate; carefully back the card off the stub shaft of the gear assembly and withdraw the card through the bottom of the module chassis.

(j) Individual card assemblies (E6, E7, and E8) may be serviced by disconnecting the interconnecting wires and disassembling the cards from one another.

NOTE

Disassemble these groups of cards only to the extent necessary to affect the required maintenance procedure.

(2) *Repair Procedures.* Replace any defective component or repair the circuit using the procedures outlined in section IV. Component parts shown in the module schematic diagram (fig. 7-14) are located in figures 3-54 through 3-63.

CAUTION

When using a soldering iron to remove or replace a component part, use only enough heat to cause solder to flow. Excess heat can damage the component and may also damage the printed circuit.

(3) *Reassembly Procedure.*

(a) Replace and solder any wires that were removed from the module connector or from individual card assemblies during disassembly or repair procedures.

(b) Verify that the switch rotors on card assemblies E5, E7 and E8 are in position no. 1 (fig. 3-62).

(c) Replace and solder the wires that interconnect card assemblies E6, E7, and E8, if this unit assembly was disassembled for maintenance or repair.

NOTE

Install all card assemblies through the bottom of the module chassis with the card notches toward the bottom of the module and the corner notches to the right hand side.

(d) Verify that the gear assembly (that drives the switch on card assembly E5) is also in the no. 1 position (against its maximum counterclockwise stop when viewed from the front of the module). If not, rotate the Geneva drive shaft that extends to the rear of the gear assembly until the stop is reached.

(e) Install card assembly E5 through the bottom of the module chassis and carefully slide the D-hold of the switch rotor on to the stub shaft that extends to the rear of the gear assembly.

(f) Carefully insert the four 4-40 x 7/8 pan head screws (with associated lock washer and flat washer in place) through the bearing plate and then install the 1/2-inch spacers before securing the corners of the card assembly.

(g) Install the unit assembly composed of switch cards E6, E7, and E8 as a unit, through the bottom of the module chassis into their respective slots (fig. 3-15).

(h) Orient the shaft couplers to agree with figure 3-63 and carefully insert these shafts into the switch rotors of card assemblies E7 and E8. (The gear shaft that drives card assembly E5 through the switch assembly has the drive end deeply slotted, the opposite shaft is not slotted on the end.)

CAUTION

Do not disturb the position of the switch rotors of card assemblies E7 and E8 when installing the drive shafts, improper switch operation and equipment damage can result.

(i) Install the triangular-shaped switch shaft retaining plates under each shaft coupling and secure each in place with three 2-56 x 1/4 pan head screws and associated lock washers (fig. 3-63).

(j) Insert card assemblies E4, TB1, and E2 in that order before installing card assembly E1 in its slot.

(k) Install the nylon cable clamp using the 4-40 x 3/16 flat head screw.

(l) Insert the metal partition between card assemblies E4 and E5 and secure it in place with the four 4-40 x 1/4 flat head screws (two per sides).

(m) Thread the interconnecting wire from E4 through the hold in the metal partition and attach and solder it to the proper terminal on card assembly E5 (fig. 3-14).

(n) Install the top cover with the 4-40 pan head screws; invert the chassis and install the bottom cover with the 4-40 x 1/4 flat head screws.

NOTE

Observe that the grounding fingers attached to the bottom cover properly engage the slotted portion of card assembly E1.

3-14. Power Amplifier (A8A4A1) Tube Removal and Replacement

(fig. 3-65 and 3-87)

WARNING

High voltages are present on circuit components associated with the power amplifier stage. These voltages are dangerous and can be fatal. Before beginning tube replacement, ground the two high-voltage terminals (J1-A1 and J1-A2) on the main chassis to discharge the filter capacitors in this equipment.

a. Removal.

(1) Loosen the four 8-32 x 1/2 flat head screws and remove the access cover (fig. 3-87) from the front of RT-671 /PRC-47. Do not damage the gasket when removing the access cover.

(2) Loosen and remove the 4-40 x 1/4 pan head screws that secure the bottom cover to the power amplifier compartment; remove this cover.

(3) Loosen and remove the two 4-40 x 1/8 pan head screws that secure overtemperature cutout K103 to the power amplifier tube heat sink (fig. 3-65); remove K103.

(4) Remove the plate cap from V101 and push its attached lead into the power amplifier compartment through the clearance hole in the side of the heat sink.

(5) Grasp the tube at its base and disengage it from its socket. Withdraw the tube and the heat sink together through the access hole in the front panel of the receiver-transmitter.

(6) Place a soft pencil mark on the heatsink opposite the oversize pin on the base of the power amplifier tube. Gently pull the heat sink from around the tube.

b. Replacement.

(1) Insert a new power amplifier tube in the heat sink using care to observe the orientation of the oversize pin on the tube base.

(2) Insert the tube and its heat sink through the front panel access hole and press the tube firmly in to its socket.

NOTE

Carefully rotate the heatsink around the axis of the power amplifier tube until its mounting holes match the holes in the front panel of the receiver-transmitter.

(3) Thread the plate cap and its lead through the clearance hole in the heat sink and carefully attach it to the plate electrode.

(4) Position the overtemperature cutout on the heat sink and carefully secure it in place with the two 4-40 x 1/8 pan head screws.

(5) Orient the access hole cover and its gasket on the opening in the front panel of the RT-671/PRC-47 and secure them in place with the four 8-32 x 1/2 flat head screws.

NOTE

This cover should be positioned so that the attached chart can be easily read.

(6) Replace the bottom cover on the power amplifier compartment and secure it in place with the 4-40 x 1/4 pan head screws.

3-15. Power Amplifier Load and Tune Mechanism (fig-3-89)

CAUTION

Disassemble the load-tune mechanism only to the extent necessary to affect repairs. Use extreme care to avoid damage or misalignment of roller spring assemblies 139), (45), (60), 174), (86), and 188).

a. Disassembly Procedures.

(1) Loosen and remove the 4-40 x 1/4 screws (11 per cover) that secure the top and bottom covers to the power amplifier compartment; remove both covers.

(2) Remove E-ring (17) from its groove in the shaft of LOCK knob (15) and unscrew the knob from stud (18). Open dial stop (14).

(3) Loosen setscrews (2) and (20) and remove POWER AMPLIFIER LOAD control knob (1) and POWER AMPLIFIER TUNE control knob (21) from their respective shafts.

(4) Remove screws 14), (5), (23), and (24); then remove pointers (6) and (25). Withdraw primary scales (3) and (22) from collars (7) and (26).

(5) Loosen and remove collars (7) and (26); then remove secondary scales (8) and (27).

(6) If panel bushings (9) and (28) are defective, remove them from the front panel of RT-671/PRC-47 as follows:

(a) Loosen and remove hex nuts (68) and (99).

(b) Withdraw panel bushings (9) and (28) from the front panel. Use care so that gaskets (10) and (29) and nylon sleeve bearings (69) and (95) are not lost or damaged.

NOTE

Be sure that washers (67) and (100) remain on the shafts of inductors (64) and (101) respectively.

(7) Unsolder and tag the two insulated bus wires that connect to lower front contact spring assembly (74).

(8) Carefully remove roller contacts (41), (56), (82), and (91) and their associated rods (42), (51), (79), and (92) by removing 0-80 x 1/8 round head screws (38), (44), (49), (57), (76), (85), (90) and (94) and their associated washers.

(9) Remove E-ring (98) and spur gear (96) from stub shaft (97).

(10) Perform the procedures of paragraph 3-19 a and carefully remove the front panel of the receiver-transmitter so that sleeve bearings (35), (48), (69), and (95) remain on their respective shafts.

(11) If dial stop (14), support plate (12), lower front mounting block (73) or lower front contact spring assembly (74) are defective, remove them as follows:

(a) Remove lower front contact spring assembly (74) from lower front mounting block (73) by removing 6-32 x 1/4 net head screws (77) and (78).

(b) Remove the dial stop assembly and lower front mounting block (73) from the panel of the receiver-transmitter by removing 6-32 x 7/16 flat head screw (13) and stud (18).

NOTE

If either dial stop (14) or support plate (12) is defective, replace this assembly as a unit.

(12) If upper front contact spring assembly (45) or upper front mounting block (46) is defective, proceed as follows:

(a) Remove the four 4-40 x 1/2 pan head screws that secure XMTR OUTPUT meter to the front panel of the receiver-transmitter. Carefully withdraw the meter so that its gasket is not damaged. Do not unsolder the meter leads.

(b) Remove 6-32 x 5/16 flat head screws (31) and (32) that secure upper front mounting block (46) and upper front contact spring assembly (45) to meter shield (33).

(c) Carefully remove upper front contact spring assembly (45) from upper front mounting block (46) by removing 6-32 x 1/4 flat head screws (52) and (53).

(d) Remove meter shield (33) from the

back of XMTR OUTPUT meter compartment by removing 4-40 x 1/4 flat head screws (34) and (47).

CAUTION

Use extreme care when removing inductors (36), (64), (70) and (101) to prevent damage to side contact spring assemblies (60) and (86).

(13) Carefully withdraw POWER AMPLIFIER LOAD inductor (64) from gear plate (117) being careful not to damage sleeve bearing (84) or to lose washer (67).

(14) Remove POWER AMPLIFIER TUNE inductor (101) as follows:

(a) Loosen screw (102) in shaft collar (103) until the collar moves freely on the inductor shaft.

(b) Hold the shaft collar as inductor (101) is withdrawn from sleeve bearing (106).

(15) Remove 6-32 x 1/4 flat head screw (115), washer (116) and associated shims and carefully withdraw inductor (36) from gear plate (117) so that sleeve bearing (37) is not damaged.

(16) Remove 6-32 x 1/4 flat head screw (110), washer (111) and associated shims and carefully withdraw inductor (70) from gear plate (117) so that sleeve bearing (59) is not damaged.

(17) Remove side contact spring assemblies (60) and (86) by carefully removing 6-32 x 5/16 flat head screws (112) and (109) respectively.

(18) Loosen and remove 6-32 x 5/16 flat head screws (113) and (114) and carefully withdraw upper roller spring assembly (39) and upper rear mounting block (40).

(19) Remove upper rear mounting block (40) from upper roller spring assembly (39) by removing 6-32 x 1/4 flat head screws (54) and (55).

(20) Remove E-ring (63) and gear and stop assembly (62) from stub shaft (61).

(21) Remove lower roller spring assembly from mounting block (87) by loosening and removing 6-32 x 1/4 flat head screws (80) and (81).

(22) Remove gear plate (117) by loosening and removing the six 6-32 x 1/4 pan head screws that secure the gear plate to the rear wall of the power amplifier compartment.

(23) Remove lower rear mounting block (87) from gear plate (117) by removing 6-32 x 5/16 flat head screws (107) and (108).

b. Repair Procedures.

(1) Examine all items of the disassembled power amplifier load and tune mechanism for damage and excessive wear. Replace those items that are defective.

NOTE

Items most subject to wear and breakage include coil windings, gear teeth, inductor rollers, roller rods, sleeve bearings, inductor shafts and nylon mounting blocks.

(2) Lubricate the rollers of the power amplifier load and tune inductors only if they squeak. Place one or two drops of Beacon #325 lubricant on each roller rod, then wipe the entire rod with a clean soft cloth. Sufficient oil film will remain on the rod to adequately lubricate the roller.

CAUTION

Do not over-lubricate. Malfunction of roller contacts, arcing, and damage to adjacent components in the power amplifier compartment can occur.

c. *Reassembly Procedures.* Reassembly procedures are detailed in three specific areas: the components mounted directly to the rear of the power amplifier compartment (gear plate, rear contact spring assemblies, side contact spring assemblies, etc.), the components associated with the four inductors (sleeve bearings, shaft collars, gears, etc.), and finally the reassembly of the front panel to the power amplifier load and tune mechanism. Depending upon whether total disassembly was necessary, some steps of the following procedures may be omitted.

(1) Attach lower rear mounting block (87) to gear plate (117) with 6-32 x 5/16 flat head screws (107) and (108) and tighten them securely.

(2) Attach gear plate (117) to the rear wall of the power amplifier compartment with the six 6-32 x 1/4 pan head screws; tighten them securely.

(3) Install gear and stop assembly (62) on stub shaft (61) and secure it in place with E-ring (63).

(4) Install lower rear roller spring assembly (88) on mounting block (87) with 6-32 x 1/4 flat head screws (80) and (81).

(5) Install upper roller spring assembly (39) on mounting block (40) with 6-32 x 1/4 flat head screws (54) and (55).

(6) Install the spacer-contact spring assembly (step 5) to gear plate (117) by securing upper mounting block (40) with 6-32 x 5/16 flat head screws (113) and (114).

(7) Install side contact spring assemblies (60) and (86) to gear plate (117) and secure them in place with 6-32 x 5/16 flat head screws (112) and (109) respectively.

(8) Install sleeve bearings (37), (59), (84), and (106) in gear plate (117).

(9) Carefully insert the shaft of inductor (36)

into sleeve bearing (37) and mesh the gear with idler gear (62) and side contact spring assembly (60). Install 6-32 x 1/4 flat head screw (1115), washer (116), and sufficient shims to provide 0.010 to 0.013 inch clearance between the gear face and the sleeve bearing (37).

(10) Rotate inductor (36) counterclockwise (from the front panel end of inductor shaft) until the gear stops are oriented as shown in detail A of figure 3-89.

(11) Carefully install inductor (64) in sleeve bearing (84) and mesh the shaft gear with idler gear (62) and the lower contact of side contact spring assembly (60).

NOTE

Align the scribe marks on idler gear (62) and the gear of inductor (64) as shown in detail A of figure 3-89.

(12) Carefully install inductor (70) in sleeve bearing (59) and mesh the shaft gear with idler gear (62) and side contact spring assembly (86). Align the scribe mark on the gear of inductor (70) with the scribe mark on idler gear (62) as shown in detail A of figure 3-89. Install 6-32 x 1/4 flat head screw (110), washer (111), and sufficient shims to provide 0.010 to 0.013 inch clearance between the gear face and sleeve bearing (59).

(13) Install shaft collar (103) on the rear extension of inductor (101); do not tighten. Carefully install the inductor in sleeve bearing (106) so that the lower contact of side contact spring assembly (86) is properly seated and the shaft collar is against sleeve bearing (106).

(14) Install shaft collar (72) and washer (67) on the front extension of inductor (64); do not tighten. Install washer (100) on the front shaft extension of inductor (101).

(15) Install vernier drive panel bushings (9) and (28), with gaskets (10) and (29), into the front panel (30) and secure in place with hex nuts (68) and (99) respectively.

(16) Install sleeve bushings (69) and (95) in vernier dial panel bushings (9) and (28) respectively through the back of the panel.

(17) Install sleeve bearings (35) and (48) in meter shield (33); then attach the meter shield plate to the back of XMTR OUTPUT meter compartment with 4-40 x 1/4 flat head screws (34) and (47).

(18) Attach mounting block (46) to meter shield (33) with 6-32 x 6t16 flat head screws (31) and (32); then replace the XMTR OUTPUT meter and its gasket on the front of the receiver-transmitter and secure it in place with four 4-40 x 1/2 pan head screws.

(19) Attach lower front mounting block (73) and the dial LOCK assembly to the front panel with 6-32 x 1/2 flat head screw (13) and stud (181).

(20) Perform the remaining procedures of paragraph 3-19c and then carefully install the front panel so that the shafts of inductors (64) and (101) extend through sleeve bearings (69) and (95) respectively, and shafts of inductors (36) and (70) are inserted in sleeve bearings (35) and (48) respectively.

(21) After securing the front panel in place on the main chassis, adjust shaft collars (72) and (103) so that the clearance between the shaft collar face and its associated sleeve bearing is 0.010 to 0.013 inch. Tighten them securely.

(22) Install idler gear (96) on stub shaft (97) and secure it in place with E-ring (98).

(23) Rotate POWER AMPLIFIER TUNE control shaft until the stop on inductor (101) is against the stop on idler gear (96) as shown in detail B of figure 3-89. If idler gear (96) cannot rotate one complete revolution away from its stop, remove E-ring (98) and remesh idler gear (96) one tooth away from the stop.

(24) Attach contact spring assembly (45) to upper front mounting block (46) with 6-32 x 1/4 flat head screws (52) and (53); then attach contact spring assembly (74) to lower front mounting block (73) with 6-32 x 1/4 flat head screws (77) and (78). Use extreme care not to strip the threads in the mounting blocks by tightening these screws too tightly.

(25) Solder the two insulated bus wires that connect to the lower front contact spring assembly (74) and apply a liberal amount of epoxy insulating cement to each contact after the solder has cooled.

(26) Install roller contacts (41), (56), (82), and (91) on rods (42), (51), (79), and (92) respectively and secure them in place with 0-80 x 1/8 round head screws (38), (44), (49), (57), (76), (85), (90) and (94) and their associated washers.

NOTE

With POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD inductors against their stops, place the roller contact of each inductor on the rear turn of its associated coil.

(27) Install secondary vernier scales (8) and (27) and secure in place with collars (7) and (26) respectively.

(28) Install scales (3) and (22) on collars (7) and (26) and then attach pointers (6) and (25) to the secondary scales with 1-72 x 1/8 round head screws (4), (5), (23), and (24).

(29) Install knobs (1) and (21) on their respective inductor shafts. Hold the inductors

against their stops and rotate scales (3) and (22) using knobs (1) and (21) respectively so that the index marks are at 0; then tighten setscrews (2) and (20).

NOTE

Repeat step (29) until both controls are set at 0 when the inductors are against their respective stops.

(30) Insert LOCK knob (15), with washer (16) attached, into the hole in dial stop (14) and screw the knob into place on stud (18). Then install E-ring (17) in the groove of the LOCK knob shaft.

3-16. Frequency Selection Mechanism
(fig. 3-90)

a. Disassembly Procedures.

NOTE

Disassemble the frequency selection mechanism only to the extent necessary to accomplish repair or maintenance. Before beginning, set the KILOCYCLES indicator on the front of the receiver-transmitter to 2000.

(1) Remove Signal Data Translator CV-1377A/PRC-47 (A3) and Oscillator Control C. 4311/PRC-47 (A7) from their locations in the RT. 671/PRC-47 using the procedures of paragraph 3-126

(2) Loosen setscrews 12), (4), and (6), two per knob, and remove frequency control knobs (1),(3), and (5) from their shafts.

(3) Loosen and remove 6-32 x 3/8 pan head screws (102), (108),(119),(134), and (137) and washers (101), (107), (118), (132),1133), and (136) that attach the gear plate (103) to sleeve nuts (25),(39),(42), (75), and (100).

NOTE

Before proceeding, dress the cable away from the back of the gear plate as far as possible so that the gear plate can be withdrawn sufficiently to disengage the center frequency-control shaft (78).

(4) Carefully withdraw gear plate (103) from the shoulders of sleeve nuts no. 2 (42) and (100) to provide access to all gears and gearshaft assemblies.

NOTE

When withdrawing the gear plate, do not lose flat washer (27); it may adhere to sleeve bearing (26). Place this washer on spur gearshaft (28) for future installation.

(5) Remove idler gears (18), (29), (37), and (43) only if the gear or its stub shaft 114),(15), (17), or (135) is defective. Remove E-ring (19) (30), (38), or (144) to remove the defective idle; gear.

NOTE

Stub shaft (35), in addition to being pressed into the front panel of the receiver-transmitter, is secured in place by 6-32x 5/16 flat head screw (10) that is accessible by removing the front panel unit nameplate.

(6) Bevel gear assemblies (24) and (65) are removable by withdrawing either shaft out of the rear of the panel until it is removed from panel bearing (23) or (66). Do not remove retaining rings (89) or (64) unless these bearings are defective.

CAUTION

Do not attempt to disassemble gear-shaft assemblies that are pinned together. If either the gear or the shaft is defective, replace the entire assembly as a unit.

(7) Loosen and remove 6-32 x 1/2 flat head screws (7),(18), (9), (11), and (12) to remove sleeve nuts (25), (39), (42), 175) and (100).

NOTE

Sleeve nuts (42) and (100) have shoulders provided to index the mounting holes in gear plate (103) for alignment.

(8) Remove panel bearings (23), (66), and (79) only if they are defective. Whenever any one of these panel bearings is replaced, replace gasket (221 (67), and/or (80) with it.

(9) The spur gear-pinion assembly consisting of gear (72), shaft collar (70), bearing (68), and gearshaft (127) is removed by pressing the pinion end of the shaft through the gear plate. Further disassembly of this spur gear-pinion assembly is performed as follows:

(a) Remove washer (73) from the end of the shaft.

(b) Loosen setscrews (71) in shaft collar (70) and withdraw spur gear (72) from the shaft.

(c) Remove shaft collar (70) from the shaft and release C-ring (69).

(d) Remove panel bearing (68) from the pinion shaft.

NOTE

If either the pinion or its gearshaft (127) is defective, replace the pinion-gearshaft assembly as a unit.

(10) Remove the center frequency-control gearshaft assembly (78) as follows:

(a) Release pawl spring (111) from eye

(b) Remove E-ring (124) from stub shaft (122) and rotate gear and stop assembly (123) until it can be removed from the stub shaft.

(c) Remove setscrew (126) from gear and

stop assembly (125) and withdraw the gear assembly from shaft (78).

(d) Withdraw gearshaft assembly (78) toward the front side of gear plate (103)

NOTE

C-ring (77) and bearing (76) need not be removed from the gearshaft assembly unless one of them is defective.

(11) Remove frequency indicator assembly 148 from gear plate (103) by removing 4-40 x 5/16 pan head screws (116), (121), and (130) with washers (115), (120), and (129).

NOTE

Do not attempt disassembly of frequency indicator assembly (48). Except for bevel gear (47), this assembly must be replaced as a unit.

(12) Remove gearshaft-coupler assembly (128) as follows:

(a) Remove C-rings (32) and (33) from their grooves.

(b) Withdraw gearshaft-coupler assembly (128) from bearing (34).

(13) Remove coupling half no. 2 (114) from gear plate (103) as follows:

(a) Loosen setscrews (86) in shaft collar (83) and withdraw pinion (28) from the shaft of coupling half 1114).

(b) Remove shaft collar (83) from the shaft; remove washer (82); then remove coupling half (114) from sleeve bearing (81).

(14) Remove coupling half no. 1 (106) and coupling half no. 3 (135) from gear plate (103) as follows:

(a) Release pawl springs (97) and (56) from eye screws (87) and (57) respectively.

(b) Remove coupling half no. 1 (106) by loosening setscrews (96), two per collar, and withdraw spur gear (21), shaft collars (92) and (93), and spur gear detent (91) from the shaft.

(c) Remove coupling half no. 3 (135) by loosening setscrews (621), two per collar, and withdraw spur gear 141), shaft collars (60) and (61), and spur gear detent (59) from the shaft.

(d) Withdraw coupling halves (106) and (135) from the associated sleeve bearing, (90) or (158), by pulling toward the rear of the unit.

(15) Pawls (54), (98), and (110) are removed from gear plate (103) as follows:

(a) Release pawl springs (56), (97), and (111) from their respective eye screws (57), (87), and (117).

(b) Remove snap rings (53), (95), and 1113) from posts (52), (94), and (112); then remove pawls 154). (98), and (110) from the posts.

(c) Posts (52), (94), and (121 are removed from gear plate (103) by removing hex nuts (138), (105), and (85) together with washers (138), (104), and 184).

(d) Pawl springs (56), (97), and (111) are removed from the associated pawl by removing spring pins (55), (99) and (109) respectively.

b. Repair Procedures.

(1) Examine all parts of the disassembled frequency selection mechanism for damage or excessive wear. Particular attention should be directed to the condition of gear teeth, bearings, sleeve bearings, and springs. Replace any part that appears defective.

(2) Do not lubricate any gears or bearings. These parts are permanently lubricated and over-lubrication can damage the part or cause malfunction of other adjacent components.

(3) Whenever the panel bearings (23), (66), or (79) are replaced, replace gaskets (22), (67), and/or (80) also. This will assure the splash-proof condition of the equipment.

c. Reassembly Procedures.

Reassembly procedures are detailed in three parts: the components mounted directly to the front panel (idler gears, stub shafts, etc.), the components associate with the gear plate (frequency indicator assembly, detents, pawls, springs, etc.), and the reassembly of the gear plate to the front panel. Depending upon whether total disassembly of the geartrain was required, some steps of the following procedure may be omitted.

(1) Whenever panel bearings (23), (66), or 179) are replaced, insert gaskets (22), (67) and/or (80) into the bearing housing and press them flat before inserting the bearing.

(2) Replace idler gear stub shafts (14), (15), (17), and (35) only if they are defective. Press the replacement shaft into place on the front panel; secure stub shaft (35) with 6-32 x 5/16 flat head screw (10).

CAUTION

Never press stub shafts or panel bearings into the front panel without first removing all panel-mounted components that could be damaged by this procedure. Protect the finish of the front panel while installing these shafts: retouch wherever necessary.

(3) Install idler gears (18). (29), (37). and (431 on their stub shafts and secure with E-rings (19), (30), (38) and (44) respectively.

(4) Install sleeve nuts (25), (39), (42), (75), and (100) at their proper locations and secure them in place with 6-32 x 1/2 flat head screws (7), (8), (9), (11), and (12).

NOTE

Sleeve nuts (42) and (100) have shoulders on them; be sure that they are installed in the proper location to provide proper alignment for the gear plate.

(5) Replace E-ring (89) in the groove near the end of bevel gear assembly (24); then insert the opposite end of this gear assembly into bearing (23) from the rear until the gear face rests against the bearing race and meshes with idler gear (18).

(6) install C-ring (64) in the groove near the rear end of the bevel gear assembly (65); then install bearing 163) against this C-ring. Insert the bevel gear assembly into bearing 166) from the rear, but do not mesh this gear with gear and stop assembly (37).

NOTE

Rotate gear and stop assembly 137) counterclockwise until stop (36) rests against the top of roll pin (16). Return the gear clockwise two gear teeth away from the stop and hold in this position while performing the next step.

(7) Rotate bevel gear assembly 165) until one flat on the knob end of the shaft is to the right (as viewed from the front of the panel) and the other is toward the bottom. Then mesh the spur gear of bevel gear assembly 165) with gear and stop assembly 137).

(8) Pawls (54), 198). and (110) are installed in their respective locations on the gear plate as follows:

(a) Install posts (52), (94), and (112) on gear plate (103) and secure in place with hex nuts (139), (105), and (85) together with washers (138), (104), and (84) respectively.

(b) Install pawls (54), (981), and (110) on their respective posts and secure in place with snap rings (53), (95), and (113).

(c) Pawl springs (56), (97), and (111) are secured to the pawls with spring pins (55), (99), and (109) respectively.

(9) Coupling half no. 1 (106) and coupling half no. 3 (135) are attached to the gear plate as follows:

(a) Insert sleeve bearings (58) and 190) into the gear plate (103) from the front side.

(b) Insert the shaft of coupling half no. 1 (106) through sleeve bearing (90); then install spur gear detent (91) and shaft collar (92); secure in place by tightening setscrews 196)

(c) Install shaft collar (93) on the shaft of coupling half no. 1 (106) and install spur gear no. 2 (21). Tighten setscrews (96) to secure the shaft collar /93) to the shaft.

(d) Insert the shaft of coupling half no. 3 (135) through sleeve bearing (58); then install spur gear detent 159) and shaft collar (60); secure in place by tightening setscrews 162).

(e) Install shaft collar (61) on the shaft of coupling half no. 3 (135) and then install spur gear (41). Tighten setscrews (62) to secure the shaft collar in place.

(f) Hook the free end of pawl springs (56) and /97) in eye screws (57) and (87).

(10) Insert gearshaft-coupler assembly (128) through gear plate (103) from the rear; then install bearing (34) on the shaft of this assembly. Secure the bearing in place with C-ring (33) and then install C-ring (32) in the remaining groove near the end of the shaft.

(11) Assemble spur gear-pinion assembly as follows:

(a) Install bearing (68) on pinion shaft (127) and secure in place with C-ring (69).

(b) Install shaft collar (70) on the shaft of spur gear 1127); then install spur gear no. 4 (72) on the shaft but under the collar. Tighten setscrews (71) to secure the spur gear to the pinion shaft.

(12) Install the spur gear-pinion assembly (step 11) in gear plate (103) from the front side being careful to mesh pinion (127) with gearshaft-coupler assembly 1128).

(13) Replace the center frequency-control shaft assembly as follows:

(a) Install C-ring (77) on gearshaft assembly (78); then install bearing (76) against the C-ring.

(b) Insert gearshaft assembly (78) into the gear plate (103) so that bearing (76) seats properly.

(c) Install gear and stop assembly (125) on the outboard end of gearshaft assembly (78) with the detent nearest the gear plate. Align the setscrew hole in gear and stop assembly (125) with the countersink in the shaft and tighten setscrew (126) securely.

(d) Rotate the center frequency-control shaft clockwise (as viewed from the front of the panel) until gear and stop assembly (123) can be installed on stub shaft (122). Secure it in place with E-ring (124).

(e) Rotate the center frequency-control shaft counterclockwise until gear and stop assemblies (123) and (125) are at their stops.

(f) Install the free end of pawl spring (111) into eye screw (117). As the pawl indexes the spur gear detent of gear and stop assembly (125), the stops of gear and stop assemblies (123) and (125) will part slightly.

NOTE

Proper assembly is achieved when only 1/4 detent position is possible as the center frequency-control shaft is rotated counterclockwise; several turns of this shaft are possible in the clockwise direction.

(14) Assemble gearshaft-coupling half no. 2 as follows:

(a) Install sleeve bearing (81) in gear plate (1031 and insert the shaft of coupling half no. 2 (114) into this bearing.

(b) Install washer 182) on the shaft; then install shaft collar (831. Install spur gearshaft (28) and the shaft and secure the assembly by tightening setscrews (86).

(15) If bevel gear (47) has been removed from the kilohertz drive shaft of frequency indicator assembly (48), install this gear and secure it in place with setscrews 146).

(16) Install frequency indicator assembly 148) on the gear plate so that the pins in the frequency indicator assembly index the holes in the gear plate. Secure in place with screws (116), (121), and (130) with washers (115), (120), and (129). (17) Install sleeve bearings (20), (26), and (40), and ball bearings (31) and (74) into the rear of the front panel.

(18) Install the gear plate, with shafts, to the back of the panel as follows:

(a) Position coupling half no. 1 (106) and coupling half no. 3 (135) so that the bosses on each coupling face are vertically oriented within 0.5 angular degree.

NOTE

Loosen shaft collars (60) and/or (92) to obtain adjustment of the vertical orientation of these coupling halves. Tighten the setscrews securely when they are properly adjusted.

(b) Rotate bevel-spur gear assembly no. 1 (65) until idler (37) is against its stop.

(c) Rotate frequency indicator assembly (48) until the digit wheels read 2000. Maintain this reading during the remainder of this procedure.

CAUTION

Exercise extreme care when installing the gear plate assembly. Gear teeth or nylon gears can be damaged if they are improperly meshed during assembly.

(d) Carefully insert center gearshaft assembly (78) into panel bearing (79).

(e) Maintain the bosses on the face of coupling half no. 2 (114) and on gearshaft-coupler

assembly (128) vertically oriented, and carefully insert the front end of these shafts into their respective sleeve bearings.

NOTE

After spur gearshaft (28) meshes with idler gear 129), but before the pinion shaft extension engages sleeve bearing 126), install flat washer (27) on the end of the gearshaft.

(f) Continue to insert the gearshafts into their sleeve bearings and rock the three front panel shafts and individual idler gears until all gears mesh and gear plate (103) is firmly seated on the shoulders of sleeve nuts (42) and (100).

(g) Check the KILOCYCLES indicator for proper wheel alignment at reading 2000. If any digit is misaligned, adjust bevel gear (47) or idler gears of the gear train.

(h) Secure the gear plate to the sleeve nuts with 6-32 x 3/8 pan head screws (102), (108), (119), and (137) with washers (101), (107), (118), and (136).

NOTE

Cable clamp (131) is secured with gear plate (103) to sleeve nut (39) with 6-32 x 3/8 pan head screw (134) and washers (321) and (133). During installation, dress the cable close to the gear plate to prevent interference with the coupling of Signal Data Translator CV-1377A/PRC-47.

(19) Assure that the faces of coupling halves. (106), (114) and (135) are within the dimensional tolerances shown in figure 3-88. If adjustment is required, loosen the setscrews in shaft collars (92) and (93), (83), or 160) and (61) to permit the couplings to slide in or out on the axis. Tighten all setscrews securely when proper alignment is obtained.

NOTE

The setscrews in the shaft collars are accessible from the underside of the RT-671/PRC-47 with modest rotation of the kilohertz and megahertz frequency-control shafts. Exercise care to maintain the boss orientation of the coupling halves. during this adjustment. Always recheck to assure that they are vertically oriented within 0.5 angular degree when the KILOCYCLES indicator is adjusted to 2000.

(20) Align the power amplifier plate capacitor switch to agree with the instruction in paragraph 3-17 c(11).

3-17. Power Amplifier (A8A4A1) Plate Capacitor Switch Assembly (fig. 3-91)

a. *Disassembly Procedures.* Disassemble the power amplifier plate capacitor switch assembly only to the extent necessary to accomplish the needed repair.

(1) Remove the top and bottom covers from the power amplifier compartment by removing the 4-40 x 1/4 screws that secure these covers in place.

(2) Remove the front panel covers to which the POWER AMPLIFIER LOAD-TUNE chart is attached by removing the four 6-32 x 3/8 flat head screws that secure it in place.

CAUTION

Exercise extreme care not to damage the rubber gasket that is used with the POWER AMPLIFIER LOAD-TUNE chart cover.

(3) Rotate the megahertz frequency-control shaft from the front panel to gain access to the setscrews of shaft collar (10). Loosen setscrews (9).

(4) Carefully withdraw fiber switch shaft (12) from the switch assembly through the access opening in the front panel, and remove shaft collar (10), spur gear (8), and washer (7) as it is withdrawn. If sleeve bearing (6) is loose in its housing, remove this part to prevent loss.

(5) Unsolder the insulated bus wire attached to capacitor (82); tag this bus wire.

NOTE

This lead connects the rotor of switch wafer (19) with the large transmitting-type capacitor (C122) mounted on the rear wall of the power amplifier compartment.

(6) Unsolder the shielded lead at the junction of capacitors (76) and (77). Loosen screw (30) and remove the shield and solder lug (29A) Install screw (30) and washer (29) and tag the shield.

(7) Unsolder the insulated bus wire attached to the TUNE inductor spring contact assembly. This connection is directly behind the POWER AMPLIFIER TUNE control knob and is accessible from the bottom of the power amplifier compartment; tag this wire.

(8) Remove the power amplifier tube access cover from the front of RT-671/PRC-47 by removing the four 8-32 x 1/2 flat head screws. Carefully remove the plate cap from this tube.

(9) Remove the two 6-32 x 1/2 flat head screws (1) and (3) that secure the plate capacitor switch assembly to the front panel.

(10) Loosen and remove hex nuts (107) and (108) with washers (106) and (109); withdraw two 4-40 x

5/16 flat head screws (104) and (106) and release bracket (86) from the side of power amplifier compartment (111).

(11) Carefully remove the switch assembly through the top of the power amplifier compartment.

(12) Disassemble the rear switch wafer-bracket assembly as follows:

(a) Unsolder insulated bus wire attached to solder lug (69).

(b) Remove 6-32 x 3/8 pan head screws (87) and (103) with washers (86) and (102) that secure bracket (85) to sleeve nuts (46) and (72).

(c) Remove sleeve nuts (46) and (72) and fiber washers (45) and (71) from studs (13) and (16); withdraw rear switch wafer (26) and bracket assembly (85) as a unit.

(d) To remove the capacitors from bracket (85), carefully remove solder lugs (43), (49), (53), (57), (61), (65) and/or (69) from capacitors (44), (50), (54), (58), (62), (66), and/or (70); then remove 6-32 x 1/4 pan head screws (89), (91), (93), (95), (97), (99), and/or (101) with associated washers.

(13) Disassemble the front switch wafer-capacitor plate assembly as follows:

(a) Withdraw sleeve nuts (5) and (11) from the heat deflector end of the switch assembly without removing studs (13) and (16).

NOTE

Exercise extremes in removing the studs to assure that sleeve spacers (14), (17), (21), and (24) and fiber washers (15), (18), (20), (22), (23), and (25) are not lost.

(b) To remove the capacitors from plate (73) carefully unsolder the capacitor pigtail before removing the attaching hardware. The 3-48 x 3/16 pan head screws (28), (30), (32), (34), (36), (38), and (40) with washers (27), (29), (31), (33), (35), (37), and (39) secure capacitors (78) through (84) to capacitor plate (73).

b. *Repair Procedures.*

(1) Examine all parts of the disassembled power amplifier plate capacitor switch assembly for damage or excessive wear. Particular attention should be directed to the panel sleeve bearing, drive gear teeth, switch contact fingers, and ceramic switch parts. Replace any component or part that is defective.

(2) Do not lubricate any gear, sleeve bearing, or switch contact in this assembly. Damage to other plate circuit components or circuit malfunction can occur if lubricants are used.

(3) Examine the rubber gasket used in conjunction with the access cover; replace this gasket if it is grossly deformed or broken.

c. *Reassembly Procedures.* Reassembly of the power amplifier plate capacitor switch assembly is detailed in two parts: the switch components and associated parts; and the installation of the assembled switch into its position in the power amplifier compartment. Depending on the amount of disassembly that was performed, and the component parts that were replaced, some steps of the following procedure may be omitted.

(1) Reassemble the front switch wafer-capacitor plate as follows:

(a) Attach capacitors (78) through (84) to plate (73) with screws (28), (30), (32), (34), (36), (38), and (40) using washers (27), (29), (31), (33), (35), (37), and (39). Solder capacitor pigtailed to the appropriate terminal of wafer (19).

(b) Tighten studs (13) and (16) in sleeve nuts (5) and (11).

(c) Insert studs (13) and (16) through plate (73), heat deflector (12), spacers (14) and (17), fiber washers (15) and (118), switch wafer (19), fiber washers (20) and (23), spacers (21) and (24), fiber washers (22) and (25), switch wafer (26), and fiber washers (45) and (71) into sleeve nuts (46) and (72); tighten the sleeve nuts snugly before attaching bracket (85). Secure the bracket in place with 6-32 x 3/8 pan head screws (87) and (103) using washers (86) and (102).

(2) Solder the insulated bus wire that passes through heat deflector (12) to solder lug (69).

(3) Carefully install the switch assembly through the top of the power amplifier compartment and secure it in place with two 6-32 x 1/2 flat head screws (1) and (3).

(4) Connect the shielded wire to the junction of capacitors (76) and (77) on plate (73), then secure the shield attached to soldering lug 29A under screw (30) and washer (29) and tighten.

(5) Install 4-40 x 5/16 flat head screws (104) and (105) through the side of power amplifier compartment (111) and secure bracket (85) with hex nuts (107) and (108) and lock washers (106) and (109).

(6) Solder the insulated bus wire attached to suppressor 1741 to the lower front contact spring assembly (fig. 3-89, item 74).

NOTE

Apply a liberal amount of epoxy insulating cement to this solder joint after it has cooled. This will lessen corona effects.

(7) Carefully attach the plate cap to the electrode of the power amplifier tube.

(8) Solder the insulated bus wire connected to the large transmitting capacitor (C122) on the rear wall of the power amplifier compartment to the center post of capacitor (82).

(9) Dress the two insulated bus wires and the power amplifier tube plate lead away from the load and tune inductors and from other metallic objects in the power amplifier compartment.

(10) Insert sleeve bearing (6) into the shaft hole from the rear of panel (4). Carefully install fiber switch shaft (2) through the panel and sleeve bearing (6); then assemble washer (7), spur gear (8), and shaft collar (9) on this shaft before inserting it in the rotors of switch wafers (19) and (26).

CAUTION

Rock the fiber shaft gently as it is inserted into the switch wafers to index the switch properly without damage.

(11) The shorting contacts of the switch rotors are oriented as shown in figure 3-91 when the KILOCYCLES indicator on the front of RT-671/PRC-47 reads 2000. Align these rotors properly before tightening setscrews (9) in shaft collar (10).

NOTE

The front face of spur gear (8) must be flush with the front face of the mating idler gear in the gear train before the shaft collar is secured in place.

(12) If no further effort is required in the power amplifier compartment, replace the top and bottom cover and secure them with the 4-40 screws.

3-18. Power Amplifier (A8A4A1) XMTR PWR Switch (fig. 3-92, 3-93)

a. *Disassembly Procedures.* Disassemble the power amplifier XMTR PWR switch assembly only to the extent necessary to accomplish repair.

(1) Remove the front panel of the receiver-transmitter using the procedures detailed in paragraph 3 19a.

(2) Loosen rubber grommets (26) and (42) from relay bracket (24); unsolder and tag the leads attached to switch wafers (56) and (73), and to resistor-switch subassembly (87); carefully withdraw the XMTR PWR switch.

(3) Disassemble the XMTR PWR switch as follows:

(a) Loosen and remove hex nuts (89) and (92), and net washers (88), and (91). Unsolder and tag resistors (65) and (74) from resistor-switch subassembly (187) and carefully remove the subassembly from screws (47) and (48).

(b) Remove flat washers (79) and (86) and

withdraw M ADJ shaft (72) from the switch shaft of detent (49).

(c) Unsolder and tag the wires at M ADJ potentiometer (90); then loosen and remove hex nut (8;) and lock washer (81).

(d) Remove nuts (77), (78), (84), and (85), net washers (76) and (83), fiber washers (50), (52), (53), (55), (62), (64), (68), (70), (75), and (82) with spacers (51), (54), (63), and (69). Carefully withdraw switch wafers (56) and (73) from screws (47), and (48).

(4) Remove relay bracket (24) from the power amplifier compartment as follows:

(a) Unsolder and tag the two wires connected to the outboard terminal of capacitor (40).

(b) Loosen and remove screws 193) and (94) and their associated hardware; then remove the relay bracket through the bottom of the chassis.

(c) The shielded receive antenna lead from relay (17) must be carefully unsoldered from the relay terminal and withdrawn through grommet (29) before cutting the lacing cord that secures it to the cable harness.

CAUTION

Use extreme care when working near relay (17). Excessive heat or rough handling can break the glass envelope of this relay.

(5) Remove rf transformer (12) as follows:

(a) Unsolder the insulated bus wire from the lower terminal of relay (17). Carefully straighten this wire and withdraw it from the small hole near the top of transformer (12).

(b) Carefully unsolder the rf detector leads (small wires) from the terminals near the bottom of the transformer.

(c) Remove attaching screws (14) and (15) with flat washers (13) and (16) that secure the transformer to relay bracket (24).

(6) Remove relay (17) by carefully unsoldering the wires from the base of the unit. Loosen hex nut (31) and remove lock washer (30).

NOTE

If the relay is defective, unsolder the antenna bus (short heavy wire) to which the solder lug is attached; save this bus wire for installation on the replacement relay.

(7) Defective piece parts attached to relay bracket (24), including capacitor (28), resistors (19) and (33), terminals (20), (32), and (41), and/or relay (59), may be unsoldered from their respective circuits, their

leads tagged, and then the attaching hardware (if any) removed.

b. Repair Procedures.

(1) Examine all parts of the disassembled XMTR PWR switch for damage or excessive wear. Particular attention should be given to switch shafts, ceramic switch parts, and contact fingers, potentiometer operation and hardware appearance. Replace any parts that show signs of damage, excess wear, or corrosion.

(2) Do not lubricate the switch contacts or detent. Damage to switch parts and adjacent circuits can result from lubrication of this assembly .

c. Reassembly Procedures. Depending on the amount of disassembly required and the parts that have been removed, some steps of the following procedure may be omitted.

(1) Replace, attach, and solder the piece parts to their respective circuits on the inside of relay bracket (24):

(a) Relay (59) is secured to the relay bracket with 4-40 x 1/4 pan head screws (18) and (34), lock washers (58) and (60) and hex nuts (57) and (61).

(b) Terminals (20), (32), and 141) are secured to their respective positions inside the relay bracket with 4-40 x 1/4 pan head screws (39), (25), and (35) respectively.

(c) Feed-thru capacitor (40) is secured to the rear wall of the relay bracket with hex nut (22) and lock washer (23); capacitor (28) is placed in clip (27) before soldering.

(2) Install relay bracket (24) in the power amplifier compartment and secure it to the side wall with 4-40 x 5/16 pan head screw (93), flat washer (94) lock washer (97) and nut (99).

(3) Insert the shielded wire (receive antenna) through grommet (29) and secure the shield (with lug 98 attached) with 4-40 x 5/16 pan head screw (94), flat washer (96), lock washer (100), and hex nut (101).

(4) Insert relay (17) in the large hole in relay bracket (24); orient the relay with the armature terminal to the right. Install lock washer (30) and secure in place with hex nut (31). Install and solder the leads on the base of the relay.

(5) Install transformer (12) to the top of relay bracket (24) and secure with 4-40 x 5/16 pan head screws (14) and (15) using flat washers (13) and (16). Attach the two rf detector leads (small wires) to the terminals near the bottom of the transformer; then pass the insulated bus wire through the small hole near the top of the transformer. Attach this bus lead to the normally open (lower) contact of relay (17) and carefully solder it. Dress this lead away from the envelope of relay (17) and then dress it downward on the opposite side of the transformer toward the front of the lower roller inductor.

(6) Install and solder the receive antenna lead (center of the shielded conductor) to the normally closed contact (left side) of relay (17). Attach the short insulated bus wire between the ANTENNA connector (bowl insulator) and the remaining contact of relay (17) if it has been removed.

(7) Reassemble the XMTR PWR switch (S103) as follows:

(a) Insert 4-40 x 2 1/4 round head screws (47) and (48) into detent (49); then install fiber washers (53) and (55), and spacers (51) and (54) on these screws.

(b) Install front switch wafer (56), fiber washers (62) and (68), spacers (63) and (69), fiber washers (64) and (70) and then install rear switch wafer (73).

(c) Install fiber washers (75) and (82), flat washers (76) and (83), and hex nuts (77) and (84). Tighten securely.

(d) Insert potentiometer shaft (72) into the shaft of detent (49).

(e) Install hex nuts (78) and (85), and flat washers (79) and (86) on the ends of screws (47) and (48); thread them onto these screws for a distance of about 5/8-inch.

(f) Insert potentiometer (90) into the hole near the center of resistor-switch subassembly (87); secure it in place with lock washer (81) and hex nut (80). Attach and solder the potentiometer leads.

(g) Install resistor-switch subassembly (87) on the ends of screws (47) and (48) until the slot in the potentiometer rotor mates with the boss on the end of the potentiometer shaft (72).

NOTE

Rotate the potentiometer shaft until the boss engages the slot in the rotor shaft of the potentiometer.

(h) Install flat washers (88) and (91) and hex nuts (89) and (92) on the ends of screws (47) and (48).

NOTE

Adjust hex nuts (78), (85), (89), and (92) until resistor-switch subassembly 187) is perpendicular to the axis of the SMTR PWR switch, and the rotor of potentiometer (90) turns freely as shaft (72) is rotated.

(i) Tighten the nuts against the outboard surface of resistor-switch subassembly (87).

(j) Connect the resistors and interconnecting leads between switch wafers and the

resistor-switch subassembly in accordance with the details shown on the connection diagram (fig. 3-93).

(8) Attach the leads of OPR-TUNE switch (44).

(9) Insert the SMTR PWR switch (S103) into the relay bracket and connect the tagged wires.

(10) Dress the cable harnesses neatly in grommets (26) and (42) and lace the harnesses, if required.

(11) Install the front panel of the receiver-transmitter using the procedures detailed in paragraph 3-19c.

3-19. Main Chassis and Front Panel Removal and Reassembly

(fig. 3-5, 3-87, 3-89 through 3-93)

a. Disassembly Procedures. No special procedures are required to remove piece parts from the main chassis of the receiver-transmitter. The leads of each defective electrical component must first be unsoldered and tagged, and then the mounting hardware removed. Remove the front panel and its associated parts from the main chassis using the following procedures.

(1) Perform the procedures for removal of the power amplifier load and tune mechanism detailed in steps (1) through (9) of paragraph 315a.

(2) Loosen and remove the two circular retaining nuts and hex nut that secure the AUDIO and POWER receptacles to the front panel.

(3) On the front of the receiver-transmitter, place the XMTR PWR switch to LO; the OPR-TUNE switch to OPR; the CW-FSK/VOICE switch to VOICE; the POWER-LIGHTS switch to POWER OFF; and rotate the M ADJ control to it' clockwise stop.

(4) Loosen the setscrews and remove the knobs from M ADJ, SMTR POOR, VOLUME and POWER-LIGHTS controls.

(5) Loosen and remove the hex nuts (and boots) that secure the OPR-TUNE, BATTERY TEST, and CW-FSK/VOICE switches to the front panel.

(6) Unsolder and tag the wires attached to POWER 20A DC and POWER 5A AC fuses, the four panel lamps, and SMTR OUTPUT meter.

(7) Remove the four 8-32 x 1/2 net head screws that secure the power amplifier tube access cover to the front panel; carefully remove the cover and its gasket.

(8) Remove the power amplifier tube using the procedures detailed in paragraph 3-14a.

(9) Loosen the pan head screw and carefully remove the bus wire and solder lug from the back of the ANTENNA connector (bowl insulator).

(10) Loosen and remove the four 6-32 x 3/8 flat head screws that attach the POWER AMPLIFIER LOAD-TUNE chart cover to the front panel of the receiver-transmitter.

(11) Refer to figure 3-91. Loosen setscrews (9) and withdraw fiber shaft (2), shaft collar (10), spur gear (8), and washer (7) from the plate capacitor switch assembly. Remove panel bushing (6) and then loosen and remove 6-32 x 1/2 flat head screws (1) and (3) that secure the switch assembly to the front panel.

(12) Loosen and remove the three 6-32 x 3/8 flat head screws that secure the relay bracket around the SMTR PWR switch assembly on the front panel of the receiver-transmitter.

(13) Loosen and remove the nine 8-32 x 1/2 pan head screws and the associated washers and nuts that secure the main chassis to bosses on the rear of the front panel (three screws at each end and three in the center).

(14) Cut the nylon lacing cord that secures the cable harness to the center boss at the extreme right end of the front panel.

(15) Carefully remove the front panel from the chassis assembly releasing individual components as the panel is slowly withdrawn.

(16) Remove any other panel-mounted components that are required to repair the front panel. (Disassembly of the frequency selection mechanism is detailed in paragraph 3-16.)

(17) Remove lower front contact spring assembly and upper front contact spring assembly using the detailed procedure listed in steps (11) and (12) of paragraph 3-15a.

b. Repair Procedures. Replace any defective panel-mounted component or individual piece part removed to affect repairs. Individual parts located in the main chassis should be replaced only if they are defective. Component parts are shown on the main chassis schematic diagram (fig. 7-8) and are located in figures 3-64 through 367.

CAUTION

When using a soldering iron to remove or replace component parts, use only enough heat to cause solder to flow. Excess heat can damage the component and may also damage its associated terminal or mounting board.

c. Reassembly Procedures.

(1) Install individual panel-mounted components that have been removed for repair. (See paragraph 3-16c for detailed assembly procedures of the frequency selection mechanism.)

(2) Perform all internal repair and reassembly procedures required by paragraphs 3-15 through 3-18

prior to attachment of the front panel to the main chassis or RT-671/PRC-47.

(3) Assemble the front panel to the main chassis as follows:

(a) Refer to figure 3-92. Bring the front panel close to the front of the main chassis and install OPR-TUNE switch (44) in its appropriate location using washers (45) and (46), and nut (3).

NOTE

Be sure that the key of washer (46) is properly seated in the pilot hole in the front panel before hex nut (3) is tightened.

(b) Carefully insert the shafts of XMTR POOR, POWER AMPLIFIER LOAD, and POWER AMPLIFIER TUNE controls, the shafts of the two upper load inductors, the AUDIO connector, VOLUME control, POWER-LIGHTS switch and POWER connector into their mounting holes; do not secure in place until instructed to do so.

NOTE

Before continuing this procedure, assure that the nylon bushings associated with the shafts of POWER AMPLIFIER LOAD and POWER AMPLIFIER TUNE controls are properly seated in the panel bushings.

(c) Install at least two of the 8-32 x 1/2 pan head screws in opposite ends of the main chassis side panels so that the front panel components can be secured in place easily; do not attach washers and nuts to these screws.

(d) Refer to figure 3-92. Install washer (8) and hex nut (6) on the shaft of X MTR PWR switch (S103) and tighten securely. Then install and tighten the 6-32 x 1/2 flat head screws (7), (9), and (10) that secure switch bracket (24) to the front panel.

(e) Install and tighten the circular nuts and hex nut that secure the AUDIO and POWER receptacles to the panel.

(f) Install the washer and hex nut that secures the VOLUME control and POWER-LIGHTS switch to the front panel; tighten them securely.

(g) Install the remaining 8-32 x 1/2 pan head screws in the side panels of the main chassis; secure all nine screws (3 at each end and 3 in the center) using the appropriate washers and nuts.

(4) Install the knobs on XMTR POOR, M A DJ, VOLU M E, and POW ER-L I G H TS controls. Orient each knob properly before tightening the setscrews.

(5) Connect the bus wire from the t/r relay to the ANTENNA connector (bowl insulator).

(6) Install the power amplifier tube using the procedure detailed in paragraph 3-14c.

(7) Replace the cover and rf gasket over the power amplifier tube access hole; secure in place with four 8-32 x 1/2 flat head screws.

(8) Solder the wires to POWER 20A DC and POWER 5A AC fuses, to the four panel lamp-, and to XMTR OUTPUT meter.

(9) Install BATTERY TEST pushbutton and CW-FSK/VOICE switch and secure each in place with the hex nut (boot).

(10) Refer to figure 3-91. Install 6-32 x 1/2 flat head screws (1) and (3) into spacers (5) and (11) of the power amplifier plate capacitor switch and tighten them securely; then install fiber shaft (2), panel bushing (6), washer (7), spur gear (8), and shaft collar (9) into the switch assembly.

NOTE

Rotate the frequency control knobs on the front panel of the receiver-transmitter to obtain a KILOCYCLES indicator reading of 2000; then orient the rotors of switch wafers (19) and (26) as shown in figure 391 before tightening the setscrews in the shaft collar.

(11) Install the access cover and gasket over the power amplifier plate capacitor access hole and secure it in place with the four 6-32 x 3/8 flat head screws. Do not damage the gasket used with this cover during installation.

(12) Perform steps (21) through (30) of the power amplifier load and tune mechanism procedures detailed in paragraph 3-15c.

(13) If all repairs are complete, install the top and bottom covers on the power amplifier compartment using the 4-40 screws (11 per cover).

Section VI. ALIGNMENT AND ADJUSTMENTS

3-20. Test Equipment and Special TOOTH Required for Alignment and Adjustments

a. The following test equipment and special tools are required for alignment and adjustments of Radio Set AN/PRC-47. Each type of test equipment is discussed below to point out its characteristics and use.

| <i>Item</i> | <i>Technical manual</i> |
|---------------------------------|-------------------------|
| Multimeter ME-26A/U | TM 11-6625-200-15 |
| Oscilloscope AN/USM-50 | TM 11-5129 |
| Signal Generator SG-103/URM-25F | |
| Frequency Counter AN/URM-79/U | TM 11-6625-935-12 |
| Audio Oscillator TS-382/U | |
| Dummy Load DA-75/U | |
| Cable Assembly Set AN/PRA-4 | |
| Output Meter TS-585/1) | |

b. *Multimeter ME-26A/U.* A vacuum-tube voltmeter used for general-purpose measurements.

c. *Oscilloscope AN/USM-50.* A visual display used for low-level measurements and audio waveform studies.

d. *Signal Generator SG-103/URM-25F.* A 10-kHz to 50-MHz signal generator used to provide intermediate frequency test signals for receiver evaluation tests.

e. *Frequency Counter AN/URM-79/U.* A frequency counting device used to establish the exact operating frequency of the signal generator.

f. *Audio Oscillator TS-382/U.* An audio oscillator with a range of 20-to 200,000-Hz and a maximum output of 100 milliwatts. Used as a signal source for audio inputs for transmitter tests.

g. *Dummy Load DA-75/U.* A 50-ohm rf load capable of dissipating 500 watts of rf power without external cooling. Used to terminate the transmitter output during transmitter tests.

h. *Output Meter TS-585/U.* A calibrated output indicating device with adjustable load. Used during measurements of audio output during receiver tests.

i. *Cable Assembly Set AN/PRA-4.* An assortment of extender cables for modules of the Radio Receiver-Transmitter RT-671/PRC-47, special test cables, and a special whip antenna simulator. Used whenever a module must be operated while removed from the main chassis of the receiver-transmitter, and during evaluation tests. The whip antenna simulator provides a miniaturized antenna system for bench testing the transmitter.

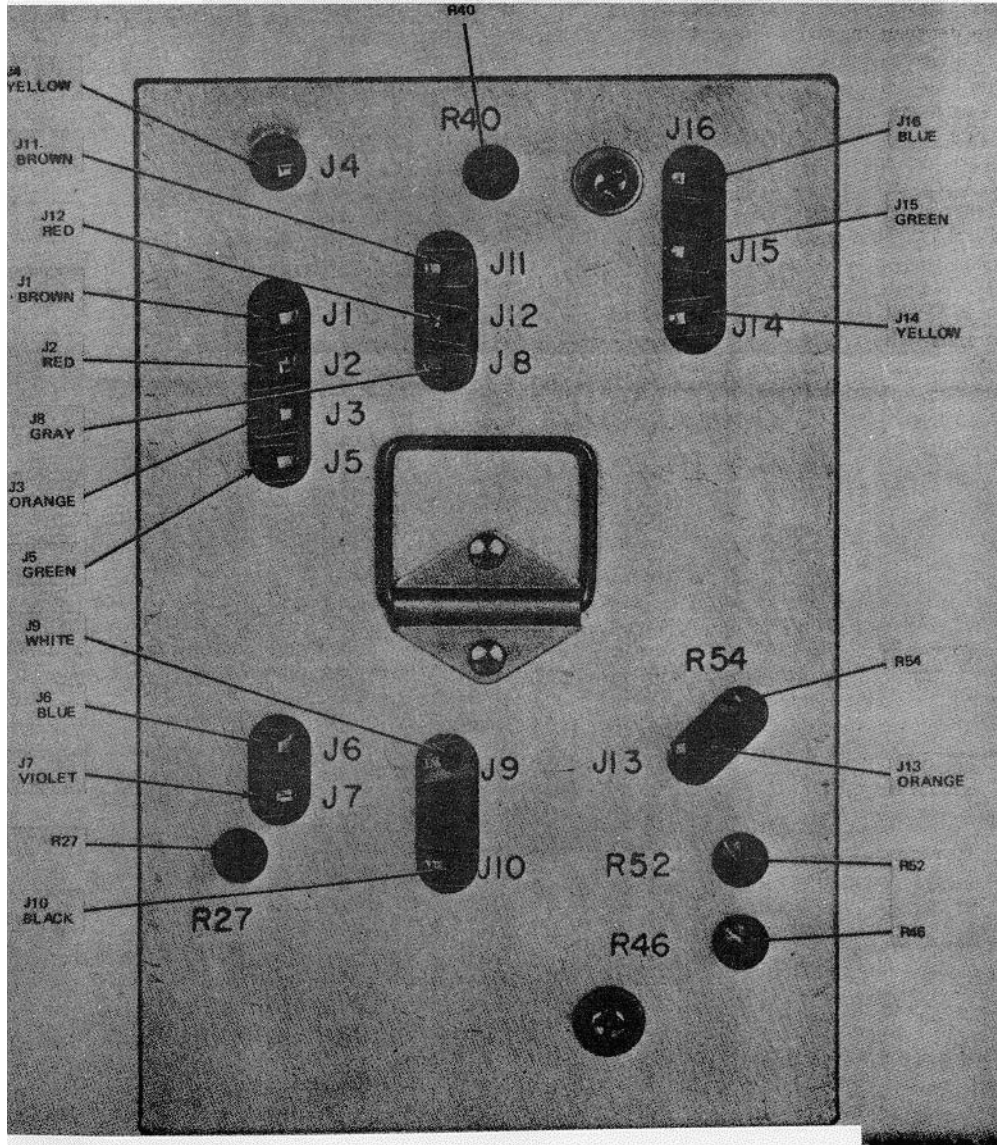


Figure 3-94. Audio Frequency Amplifier AM-3506/PRC-47 (A8A1), Top View, Location of Test Points and Adjustments.

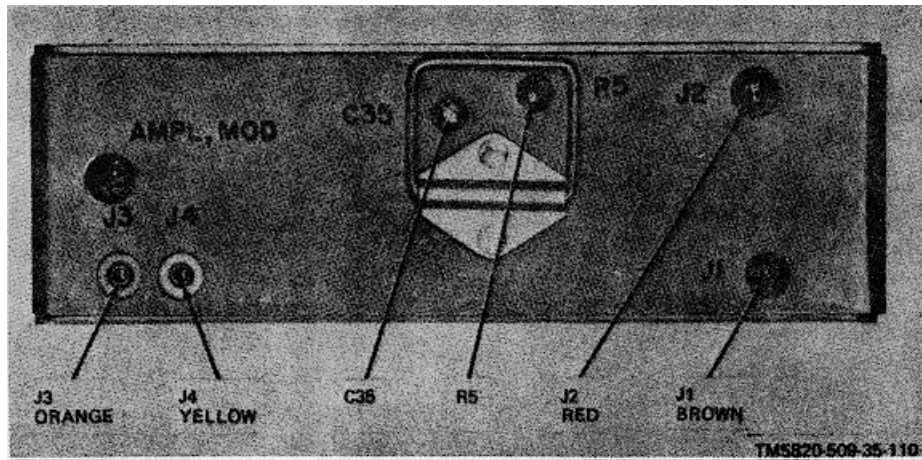


Figure 3-95. Amplifier-Modulator AM-3507/PRC-47 (A8A2), Top View, Location of Test Points and Adjustments.

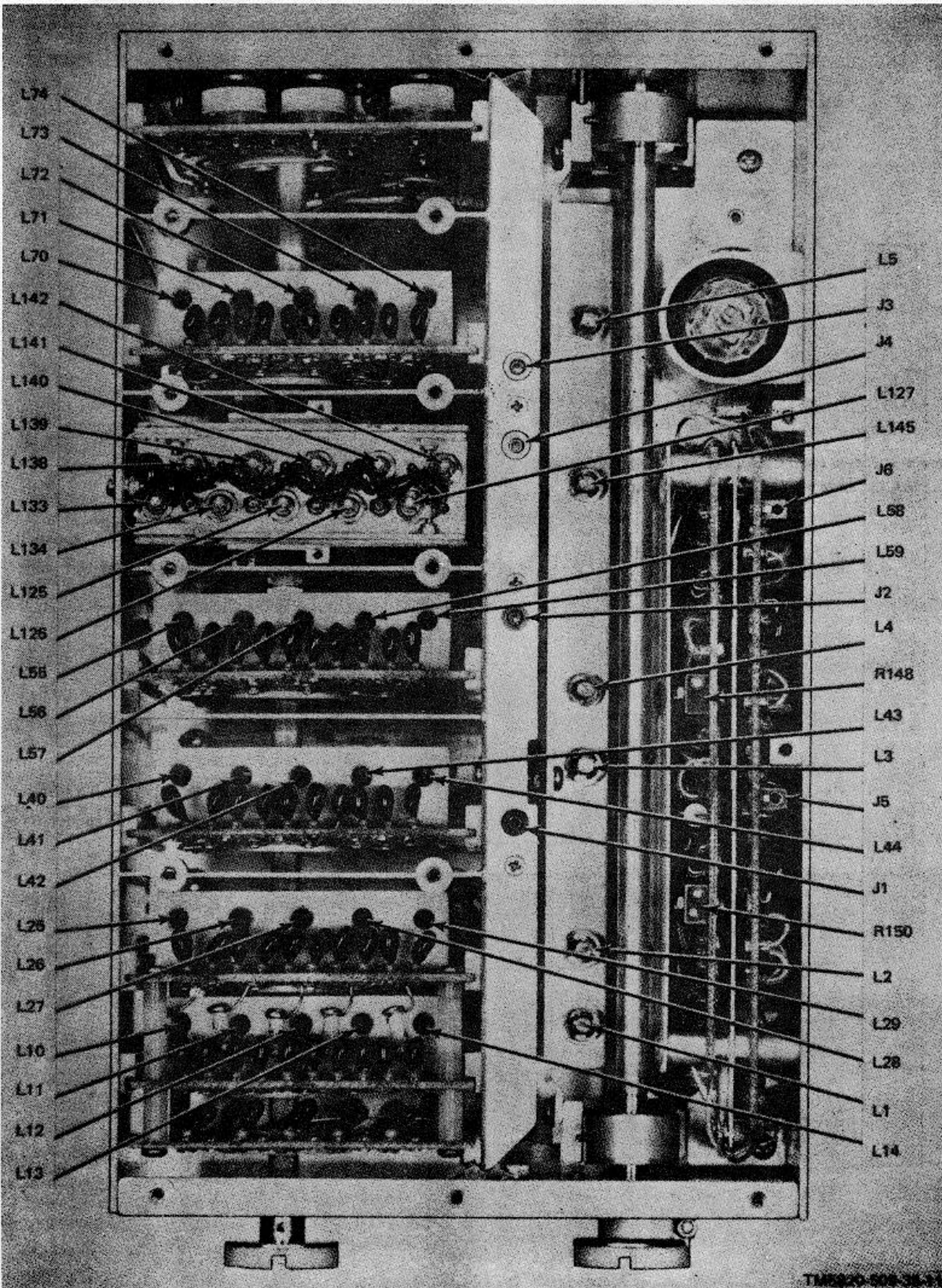


Figure 3-96. Signal Data Translator CV-1377A-PRC-47(A8A3), Top View, Location of Test Points and Adjustments.

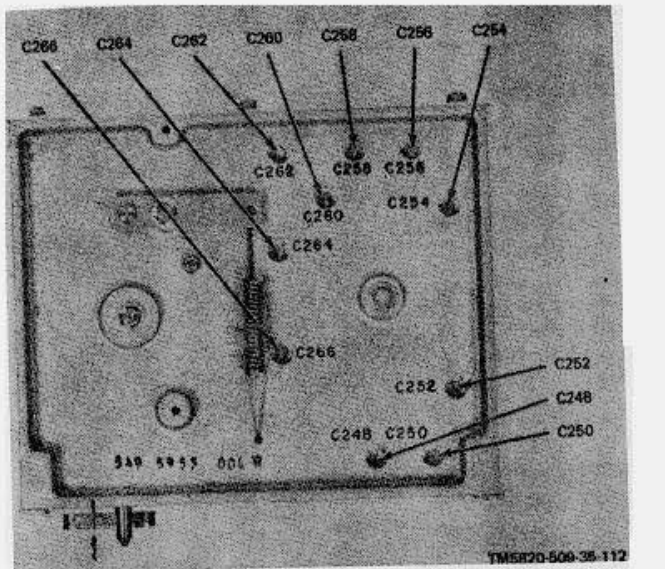


Figure 3-97. Signal Data Translator CV-1377A/PRC-47 (A8A3), Rear View, Location of Adjustments.

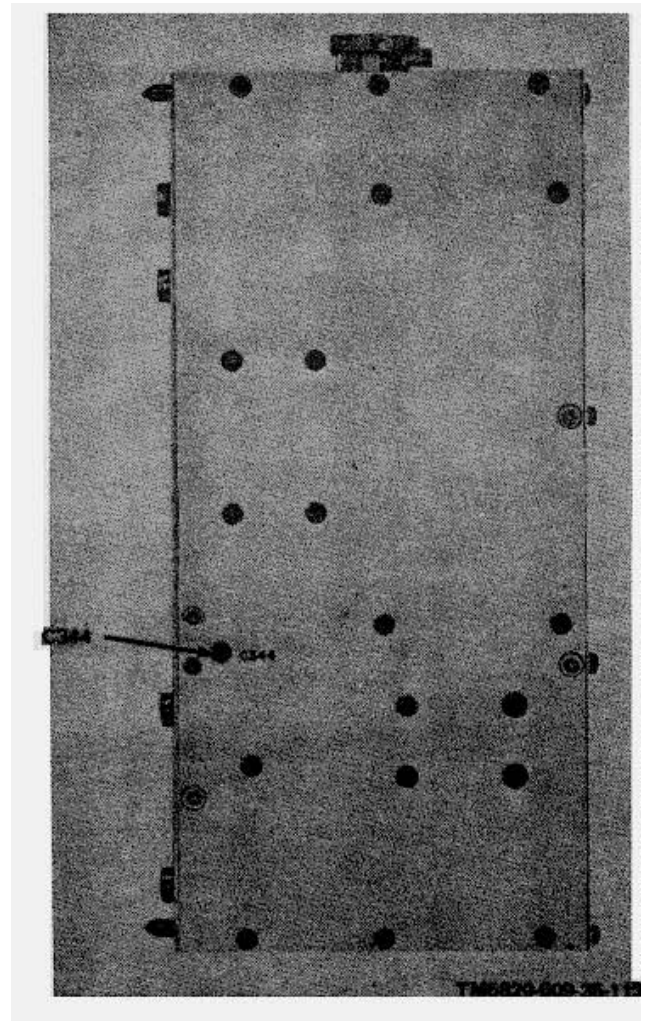


Figure 3-98. Signal Data Translator CV-1377A/PRC-47 (A8A3), Right Side View, Location of Adjustment C344.

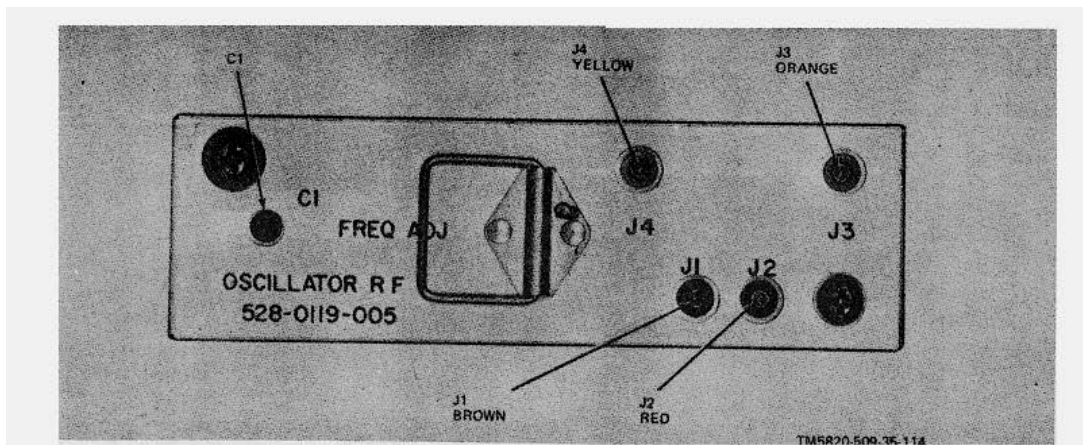
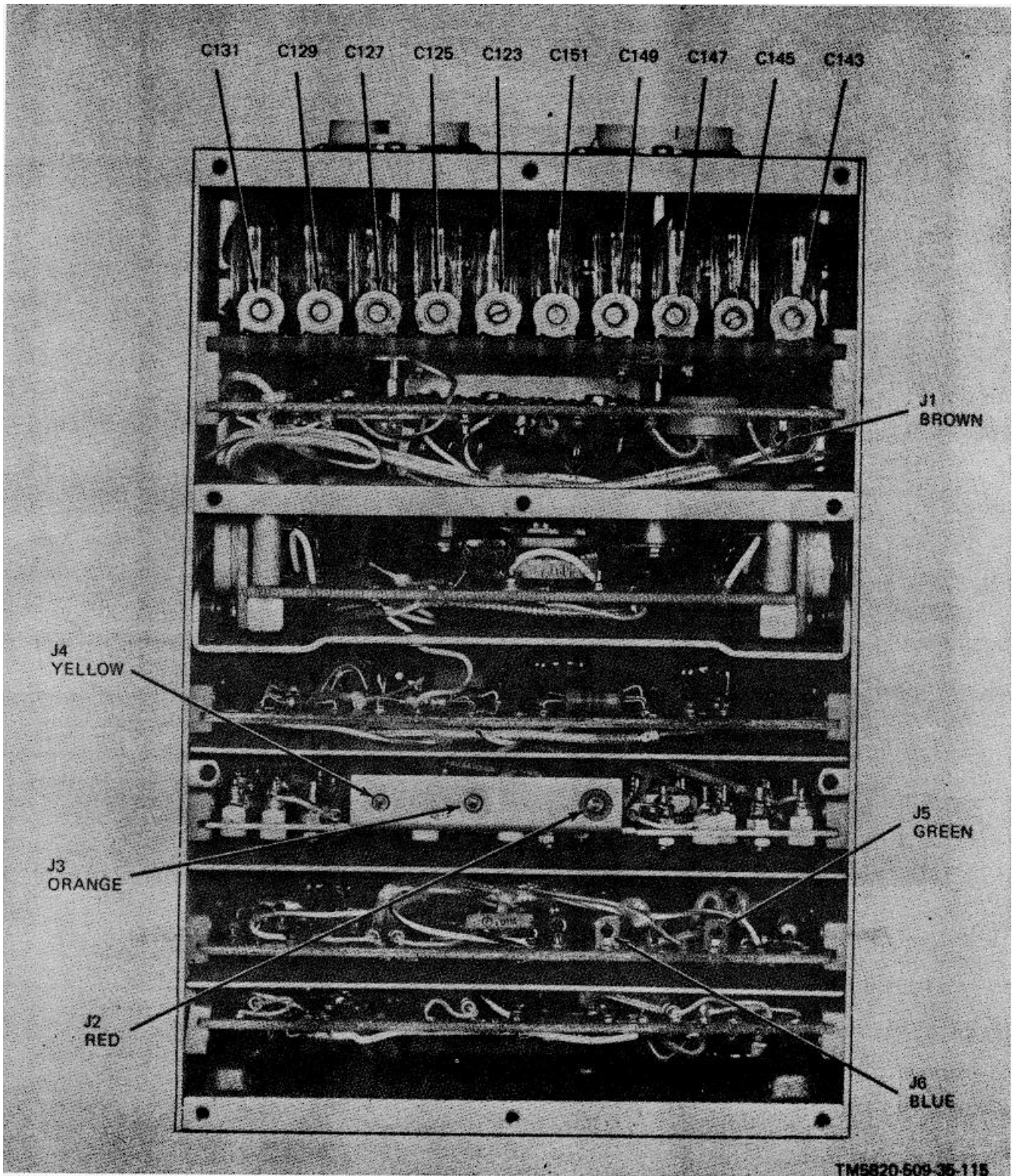


Figure 3-99. Radio Frequency Oscillator O-1032/PRC-47 (A8A6), Top View, Location of Test Points and Adjustments.



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Figure 3-100. Oscillator Control C-4311-PRC-47 (A8A7), Top View, Location of Test Points and Adjustments.

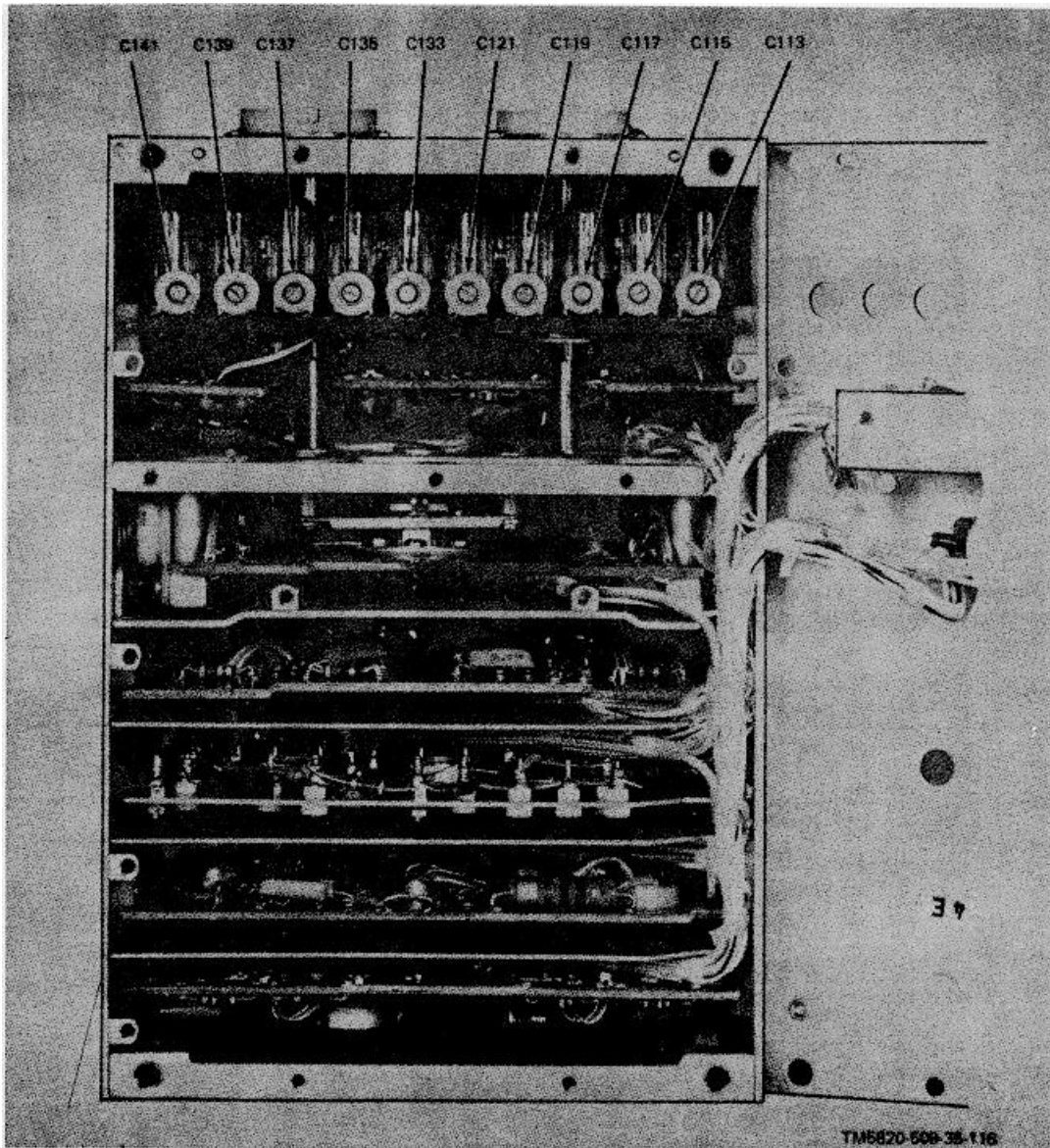


Figure 3-101. Oscillator Control C-4311/PRC-47 (A8A7), Bottom View, Location of Adjustments.

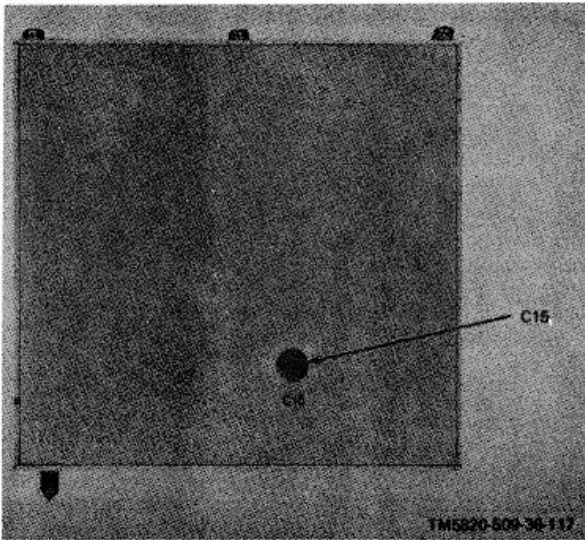


Figure 3-102. Oscillator Control C4311/PRC-47(A8A7), Rear View, Location of Capacitor C15.

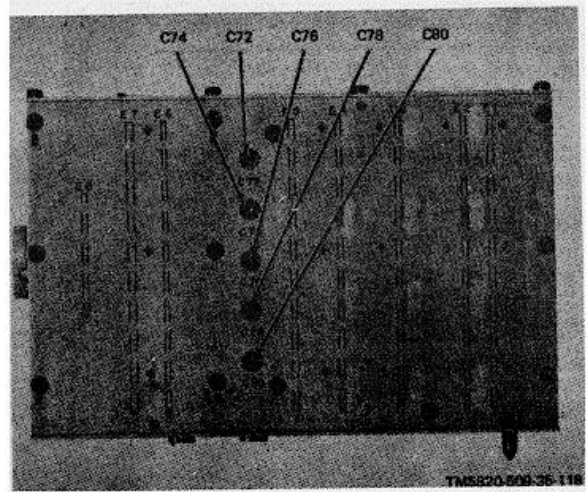


Figure 3-103. Oscillator Control C4311/PRC-47 (A8A7), Right Side, Location of Adjustments.

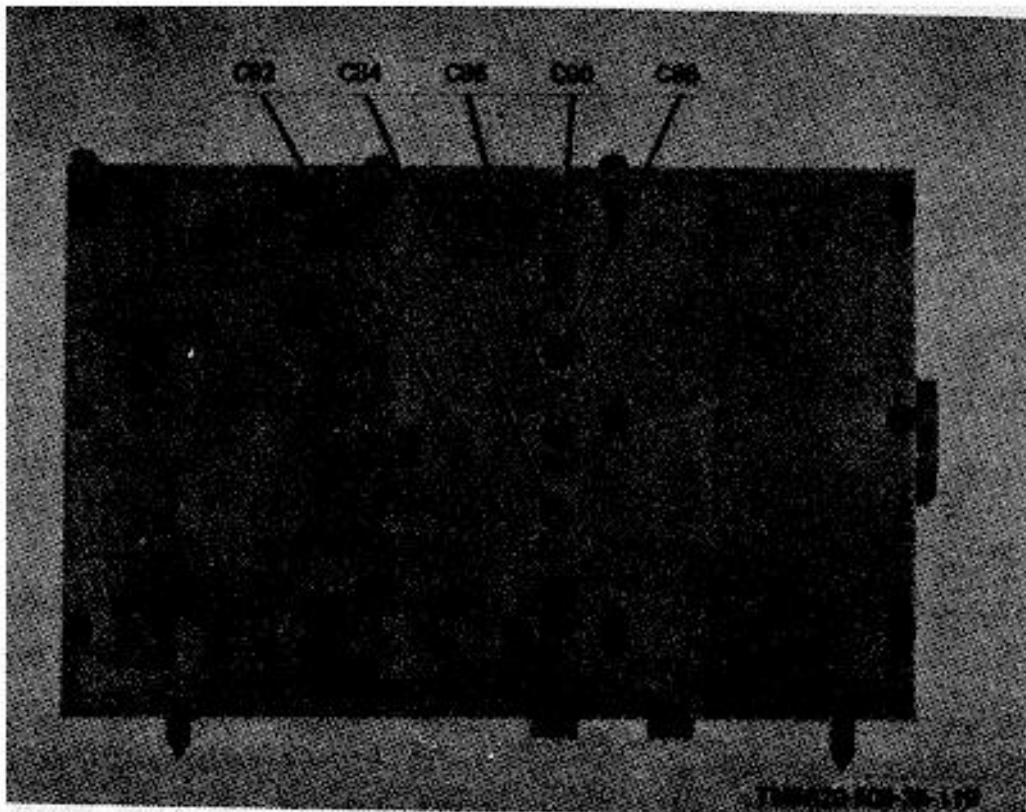


Figure 3-104. Oscillator Control C-4311/PRC-47 (A8A7), Left Side, Location of Adjustments

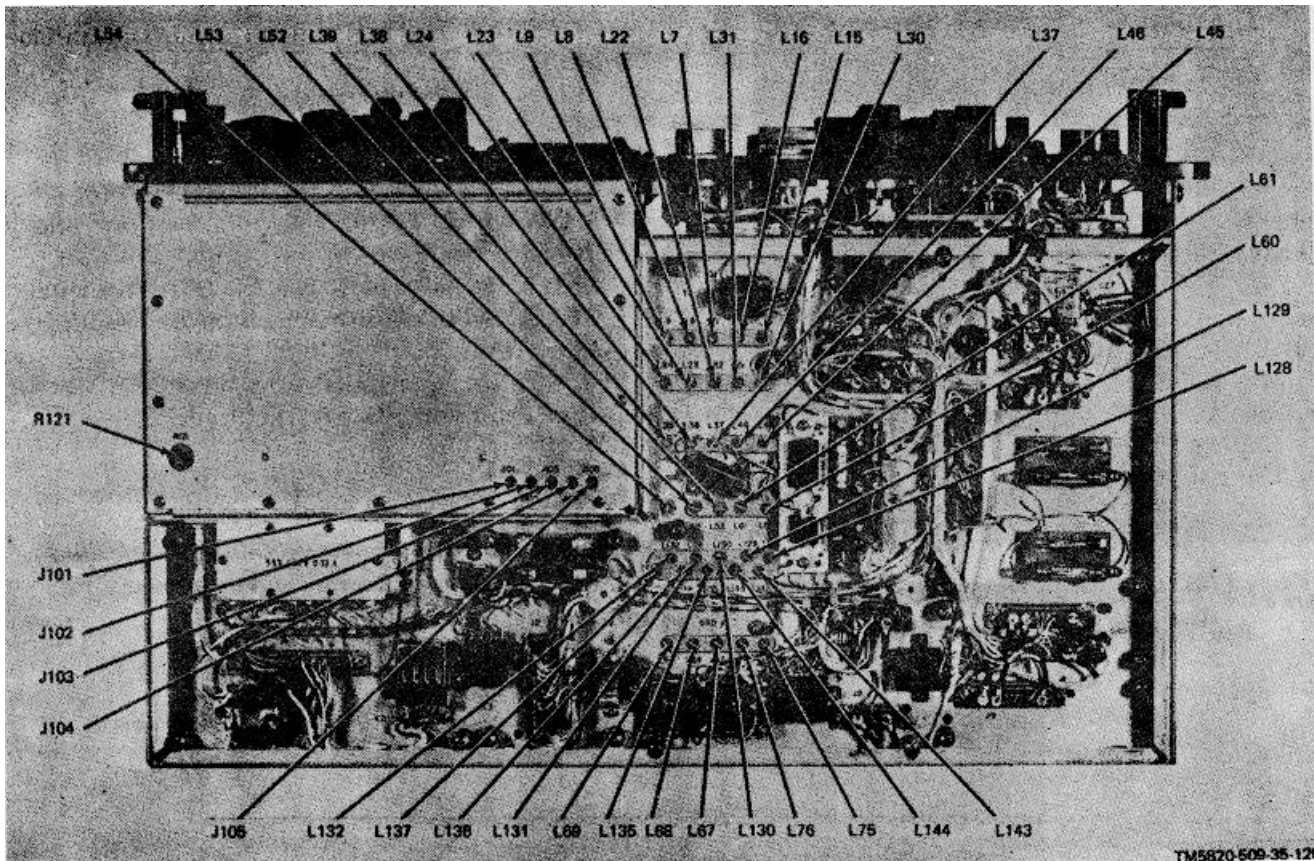


Figure 3-105. Radio Receiver-Transmitter RT-671/PRC-47 ((A8)), Bottom View, Location of Test Points and Adjustments.

3-21. Mechanical Alignment of CV-1377A/PRC-47 STUB Rack Coupler

NOTE

Perform this check only when one or more of the following conditions exist: The RT-671 /PRC-47 frequency selection mechanism has been disassembled for repair; when the CV-1377A/PRC-47 plug-in module has been replaced.

a. *Test Procedures.* Measure the clearance between halves of the slug rack coupler (fig. 3-96) with a feeler gage. Clearance must be 0.002- to 0.020-inches. If not, adjust in accordance with step b.

b. *Adjustment Procedures.*

(1) Remove the RT-671/PRC-47 from its case using the procedures detailed in paragraph 3-11.

(2) Connect the primary power source to the POWER connector on the front panel of RT-671 //PRC-47.

(3) Connect the dc test probe of Multimeter ME-26A/U alternately to test jacks A7J5 and A7J6 of Oscillator Control C-311/PRC 47 (fig. 3-100).

(4) Set the front panel controls of TR-671/PRC-47 as follows:

(a) POWER-LIGHTS switch to POWER ON.

(b) KILOCYCLES indicator to 2000. (c) CW-FSK/VOICE switch to VOICE. (d) OPR-TUNE switch to OPR.

(5) Loosen the setscrew that clamps the shaft collar to the slug rack coupling half and slide the coupling half along the axis of the drive shaft until specification clearance is obtained.

NOTE

Recheck the voltmeter readings during steps (5) and /6) to assure that the slugrack shaft is not rotated during this adjustment.

(6) Retighten the shaft collar setscrew tightly.

(7) Place POWER-LIGHTS switch to POWER OFF and disconnect the multimeter.

(8) Return the RT 671/PRC-47 to its case using the procedures of paragraph 3-11 if no further adjustments are required.

3-22. Receiver Output Adjustments (fig. 3-94, 3-106)

a. Preliminary Procedures.

(1) Remove the RT-671/PRC-47 from its case using the procedures of paragraph 3-11.

(2) Connect the primary power source to the POWER connector on the front panel of RT-671/PRC-47.

(3) Connect the output meter, signal generator and frequency counter to the receiver-transmitter as shown in figure 3-106.

(4) Set the output meter IMPEDANCE switch to 300 ohms, and adjust the meter multiplier for 5000 milliwatts full scale.

(5) Adjust the signal generator to 2226 kHz and set the output level to 1000 microvolts.

(6) On the front panel of RT-671/PRC-47, set the controls as follows:

- (a) KILOCYCLES indicator to 2225.
- (b) CW-FSK/VOICE: switch to VOICE.
- (c) OPR-TUNE switch to OPR.
- (d) VOLUME control to maximum clockwise stop.
- (e) POWER-LIGHTS switch to POWER ON.

b. Adjustment Procedures.

(1) Observe the output meter and adjust A1R54 (fig. 3-94) to obtain a reading of 1000 milliwatts (18 volts in 300 ohms).

(2) Return the POWER-LIGHTS switch to POWER OFF and disconnect the test equipment.

(3) Return the RT-671/PRC-47 to its case using the procedures listed in paragraph 3-11 if no further adjustments are required.

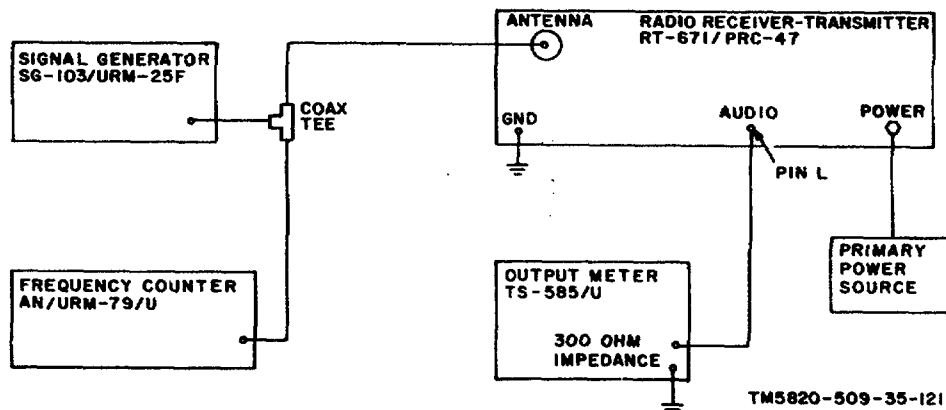


Figure 3-106. Receiver Audio Output Adjustments, Test Equipment Setup.

3-23. Receiver AGC Circuit Adjustments

(fig. 3-94, 3-107)

a. Preliminary Procedures.

(1) Remove the RT-671/PRC-47 from its case using the procedures listed in paragraph 3-11.

(2) Connect the primary power source to the POWER connector on the front panel of RT-671/PRC-47.

(3) Connect the dc probe of Multimeter ME-26A/V to test jack A1J15 (fig. 3-94).

(4) Connect the signal generator and frequency counter to the ANTENNA terminal of the receiver-transmitter as shown in figure 3-107.

(5) Adjust the signal generator to 2226 kHz and set the output level to 1 microvolt.

(6) On the front panel of RT-671/PRC-47, set the controls as follows:

- (a) KILOCYCLES indicator to 2225.
- (b) CW FSK/VOICE switch to VOICE.

(c) OPR-TUNE switch to OPR.

(d) POWER-LIGHTS switch to POWER-ON.

b. Adjustment Procedure.

(1) Observe the multimeter and adjust A1R52 (fig. 3-94) until a further counterclockwise adjustment has no effect on the meter reading, but a clockwise adjustment increases the meter reading.

(2) If step b (1) is unsuccessful, adjust A1R52 to its clockwise stop and then vary the output of the signal generator between 0.1 and 1.6 microvolts. The agc threshold must occur between 0.6 and 1.2 microvolts.

(3) Return POWER-LIGHTS switch to POWER OFF and disconnect the test equipment.

(4) Return the RT-671/PRC-47 to its case using the procedures of paragraph 3-11 if no further adjustments are required.

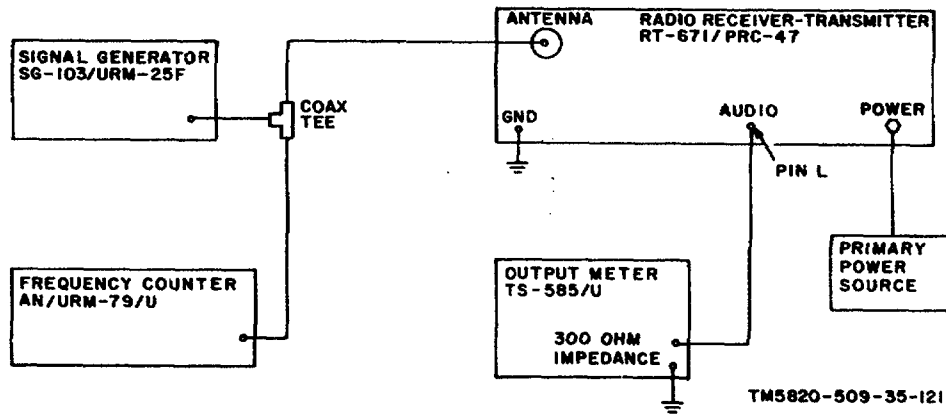


Figure 3-107. Receiver AGC Circuit Adjustment, Test Equipment Setup.

3-24. Transmitter Sidetone Adjustment

(fig. 3-94, 3-108)

a. Preliminary Procedures.

(1) Remove the RT-671/PRC-47 from its case using the procedures of paragraph 3-11.

(2) Connect the primary power source to the POWER connector on the front panel of RT-671 /PRC-47.

(3) Connect the output meter and dummy load to the receiver-transmitter as shown in figure 3-108.

(4) Set the output meter IMPEDANCE switch to 300 ohms, and adjust the meter multiplier for 500 milliwatts full scale.

(5) On the front panel of RT-671/PRC-47, set the controls as follows:

- (a) KILOCYCLES indicator to 2000.
- (b) CW-FSK/VOICE switch to VOICE.
- (c) OPR-TUNE switch to OPR.
- (d) XMTR PWR switch to LO.
- (e) VOLUME control to maximum clock-wise stop.
- (f) POWER-LIGHTS switch to POWER ON.

CAUTION

Do not permit the OPR-TUNE switch to remain in the TUNE position for more than a few seconds at a time while the POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD

controls are being adjusted. Circuit damage can occur.

(6) Set the POWER AMPLIFIER LOAD and POWER AMPLIFIER TUNE controls to the turns counter values shown on the LOAD-TUNE chart; then place the OPR-TUNE switch to TUNE and quickly peak the load and tune controls for maximum deflection of the XMTR OUTPUT meter.

NOTE

Adjust M ADJ control as required to maintain the XMTR OUTPUT meter pointer on a useful portion of the scale.

(7) Return the OPR-TUNE switch to OPR and set XMTR PWR switch to HI.

(8) Again place the OPR-TUNE switch to TUNE and peak the POWER AMPLIFIER LOAD and POWER AMPLIFIER TUNE controls as necessary for maximum XMTR OUTPUT meter deflection.

b. Adjustment Procedures.

(1) Observe the output meter and adjust A1R46 (fig. 3-94) to obtain a reading of 100 milliwatts (5.5 volts in 300 ohms).

(2) Return the XMTR PWR switch to OFF, the POWER-LIGHTS switch to POWER OFF, and disconnect the test equipment.

(3) Return the RT-671/PRC-47 to its case using the procedures of paragraph 3-11 if no further adjustments are required.

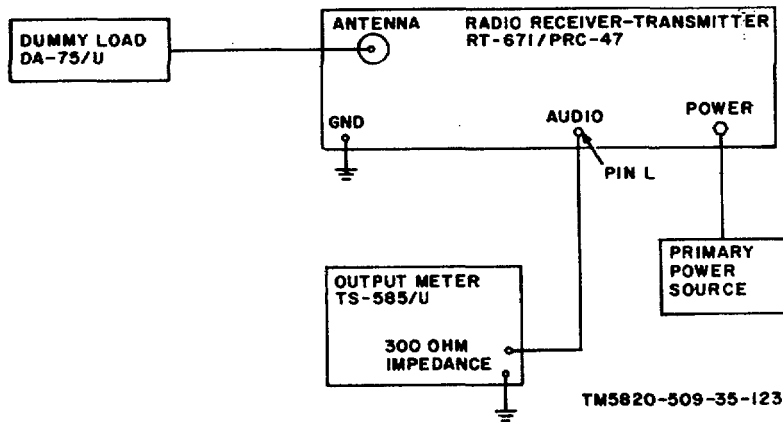


Figure 3-108. Transmitter Sidetone Adjustment, Test Equipment Setup.

3-25. Microphone Amplifier Gain Adjustment

(fig. 3-94, 3-105, 3-109)

a. Preliminary Procedures.

(1) Remove the RT-671/PRC-47 from its case using the procedures of paragraph 3-11.

(2) Connect the primary power source to the POWER connector on the front panel of RT- 671 /PRC - 47.

(3) Connect the audio oscillator, oscilloscope, multimeter, and blocking capacitor to the receiver-transmitter as shown in figure 3-109.

(4) Set the audio oscillator to 1700 Hz and adjust the output level at pin C of the AUDIO connector to 0.1 volt rms.

(5) On the front panel of RT-671/PRC-47, set the controls as follows:

- (a) KILOCYCLES indicator to any

- (b) CW-FSK/VOICE switch to CW.
- (c) OPR-TUNE switch to OPR.
- (d) XMTR PWR switch to OFF.
- (e) POWER-LIGHTS switch to POWER ON.

b. Adjustment Procedures.

(1) Connect the oscilloscope to chassis connector J2-22 (fig. 3-105) and adjust A1R27 (fig. 3-94) to obtain an oscilloscope amplitude of 3.5 volts peak-to-peak.

(2) Return the POWER-LIGHTS switch to POWER OFF and disconnect the test equipment.

(3) Return the RT-671 /PRC-47 to its case using the procedures of paragraph 3-11 if no further adjustments are required.

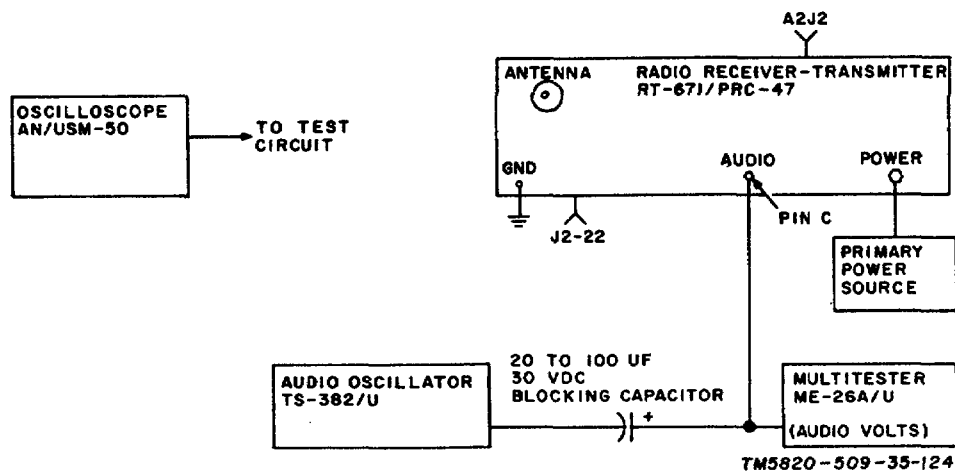


Figure 3-109. Microphone Amplifier and VOX Gain Adjustments, Test Equipment Setup.

3-26. Transmitter VOX Gain Adjustment

(fig. 3-94, 3-95)

NOTE

Perform this adjustment routine only on Radio Set AN /PRO-47 that has

been internally connected for VOX operation (para 2-1b).

a. *Preliminary Procedures.*

(1) Perform the microphone amplifier gain adjustment procedures detailed in paragraph 3-25 a (1) through 3-25 b (1).

(2) Reduce the audio oscillator output to 0.01 + 0.002 volts rms as indicated on the multimeter.

b. *Adjustment Procedures.*

(1) Connect the oscilloscope to test jack A2J2 (fig. 3 95).

(2) Adjust A1R40 (fig. 3-94) until a 500-kHz signal appears on the oscilloscope trace. (this indicates the operation of vox relay A1K1.)

(3) Return the POWER-LIGHTS switch to POWER OFF and disconnect the test equipment.

(4) Return the RT-671/PRC-47 to its case using the procedures of paragraph 3-11 if no further adjustments are required.

3-27. Power Amplifier Grid Drive Alignment and Bias Adjustments

(fig. 3-96, 3-105, 3-110)

NOTE

Perform this alignment routine only after it has been determined that an equipment malfunction is caused by improper alignment (tracking) of Signal Data Translator CV-1377A/PRC-47 (A8A3).

a. *Preliminary Procedures.*

(1) Remove the RT-671/PRC-47 from its case using the procedures of paragraph 3-11.

(2) Connect the primary power source to the POWER connector of RT-671/PRC-47.

(3) Connect the rf probe of the multimeter to test jack J104 (fig. 3-105) of the power amplifier.

(4) Connect the antenna simulator of AN/PRA-4 and the dummy load to the receiver-transmitter as shown in figure 3-110. Set the selector switch on the antenna simulator to the 2.0 MHz position.

(5) On the front panel of RT-671/PRC-47, set the controls as follows:

- (a) KILOCYCLES indicator to 2000
- (b) CW-FSK/VOICE switch to VOICE.
- (c) OPR-TUNE switch to OPR.
- (d) XMTR PWR switch to LO.
- (e) POWER-LIGHTS switch to POWER

ON.

CAUTION

Do not permit the OPR-TUNE switch to remain in the TUNE position for more than a few seconds at a time while the POWER AMPLIFIER LOAD

and the POWER AMPLIFIER TUNE controls are being adjusted. Circuit damage can occur.

(6) Set the POWER AMPLIFIER LOAD and POWER AMPLIFIER TUNE controls to the turns-counter values indicated on the LOAD-TUNE chart; then place the OPR-TUNE switch to TUNE and quickly peak the load and tune controls for maximum deflection of the pointer on the XMTR OUTPUT meter.

NOTE

Adjust M ADJ control as required to maintain the XMTR OUTPUT meter pointer on the useful portion of the meter scale.

(7) Return the OPR-TUNE switch to OPR and set the XMTR PWR switch to HI.

(8) Again place the OPR-TUNE switch to TUNE and peak the POWER AMPLIFIER LOAD and POWER AMPLIFIER TUNE controls as necessary for maximum XMTR OUTPUT meter deflection.

b. *Alignment Procedures.*

(1) Adjust A3L67 (fig. 3-105) for maximum rf grid drive as indicated on the multimeter connected to test point J104.

(2) On the front panel of RT-671/PRC-47, place the OPR-TUNE switch to OPR, set the KILOCYCLES indicator to 3000, and place the XMTR PWR switch to LO. On the antenna simulator rotate the selector switch to 3.0 MHz position; then repeat steps (6) through (8) of the preliminary procedures above.

(3) Adjust A3L68 (fig. 3-105) for maximum rf grid drive as indicated by the multimeter connected to test point J104.

(4) Repeat step b (2) except set KILOCYCLES indicator to 4000 and set the rotary switch on the antenna simulator to the 4.0 MHz position.

(5) Adjust A3L69 (fig. 3-105) for maximum rf grid drive as indicated by the multimeter connected to test point J104.

(6) Repeat step b (2) except set KILOCYCLES indicator to 5000 and set the rotary switch on the antenna simulator to the 5.0 MHz position.

(7) Adjust A3L70 (fig. 3-96) for maximum rf grid drive as indicated by the multimeter connected to test point J104.

(8) Repeat step b (2) except set KILOCYCLES indicator to 6000 and set the rotary switch on the antenna simulator to the 6.0 MHz position.

(9) Adjust A3L71 (fig. 3-96) for maximum rf grid drive as indicated by the multimeter connected to test point J104.

(10) Repeat step b (2) except set

KILOCYCLES indicator to 7000 and set the rotary switch on the antenna simulator to the 7.0 MHz position.

(11) Adjust A3L72 (fig. 3-96) for maximum rf grid drive as indicated by the multimeter connected to test point J104.

(12) Repeat step b (2) except set KILOCYCLES indicator to 8000 and set the rotary switch on the antenna simulator to the 8.0 MHz position.

(13) Adjust A3L73 (fig. 3-96) for maximum rf grid drive as indicated by the multimeter connected to test point J104.

(14) Repeat step b (2) except set KILOCYCLES indicator to 9000 and set the rotary switch on the antenna simulator to the 9.0 MHz position.

(15) Adjust A3L74 (fig. 3-96) for maximum rf grid drive as indicated by the multimeter connected to test point J104.

(16) Repeat step b (2) except set KILOCYCLES indicator to 10000 and set the rotary switch on the antenna simulator to the 10.0 MHz position.

(17) Adjust A3L76 (fig. 3-105) for maximum rf grid drive as indicated by the multimeter connected to test point J104.

(18) Repeat step b (2) except set KILOCYCLES indicator to 11000 and set the rotary

switch on the antenna simulator to the 11.0 MHz position.

(19) Adjust A3L76 (fig. 3-105) for maximum rf grid drive as indicated by the multimeter connected to test point J104.

c. *Power Amplifier Bias Adjustments.*

NOTE

Perform these adjustments only after completing the alignment procedures of step b above.

(1) Connect the dc probe of the multimeter to the following test jacks on Power Supply PP. 3518/PRC-47 (A8A5).

(a) At ABJ1 the correct reading is -32 ±1 volt; if not, adjust A5R4 as required.

(b) At A5J2 the correct reading is -110 ±13.3 volts; if not, adjust A5R3 as required.

(c) At A5J8 the correct reading is +19 ±0.6 volts; if not, adjust A5R22 as required.

(2) Return the XMTR PWR switch to OFF, the POWER-LIGHTS switch to POWER OFF, disconnect the test equipment, and return the RT-671/PRC-47 to its case using the procedures of paragraph 3-11 if no further adjustments are required.

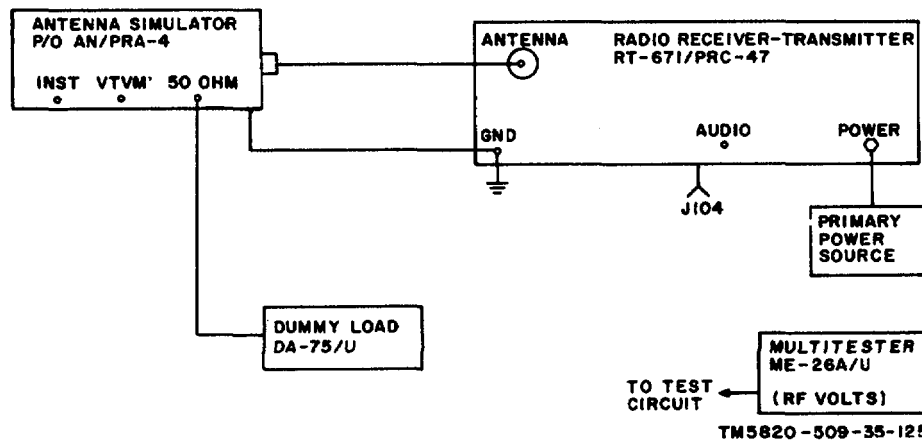


Figure 3-110. Power Amplifier Grid Drive Adjustment, Test Equipment Setup.

3-28. **Temperature Compensated Oscillator Frequency Adjustment** (fig. 3-111)

NOTE

Perform this adjustment only if Radio Frequency Oscillator 0-1032/PRC-47 (A8A6) has been repaired or replaced, or if this module is suspected of generating an incorrect output frequency.

a. *Preliminary Procedures.*

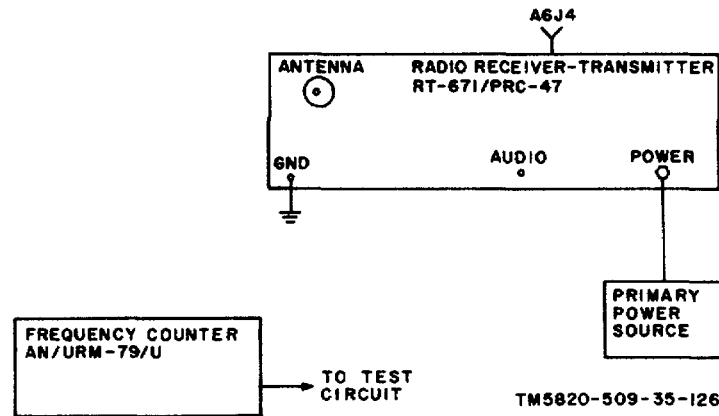
(1) Remove the RT-671/PRC-47 from its case using the procedures of paragraph 3-11.

(2) Connect the primary power source to the POWER connector of RT-671/PRC-47.

(3) Connect the frequency counter to test jack A6J4 (fig. 3-99) of Radio Frequency Oscillator 0-1032/PRC-47.

(4) On the front panel of RT-671/PRC-47, set the controls as follows:

- (a) KILOCYCLES indicator to 2000.
- (b) CW-FSK/VOICE switch to VOICE.
- (c) OPR-TUNE switch to OPR.
- (d) XMTR PWR switch to OFF.
- (e) POWER-LIGHTS switch to POWER



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Figure 3-111. Temperature Compensated Oscillator Rotor Frequency Adjustment Test Equipment Setup.

b. Alignment Procedures.

(1) Measure the output frequency using the frequency counter connected to A6J4.

(2) If the output frequency does not read exactly 5000,000.0 Hz, adjust A6C1 (fig. 3-99) ON.

until the frequency counter reads correctly.

(3) Return the POWER-LIGHTS switch to POWER OFF and disconnect the test equipment.

(4) Return the RT-671/PRC-47 to its case using the procedures of paragraph 3-11 if no further adjustments are required.

3-29. Balanced Modulator Adjustments

(fig. 3-112)

a. Preliminary Procedures.

(1) Remove the RT-671/PRC-47 from its case using the procedures listed in paragraph 3-11.

(2) Connect the primary power source to the POWER connector on the front panel of RT 671 /PRC-47.

(3) Connect the dummy load to the receiver transmitter; extend Amplifier-Modulator AM 3507/PRC-47 (A8A2) from the main chassis of RT 671/PRC-47 using extender cable no. 4 from Cable Assembly Set AN /PRA-4; then remove the module side cover to expose the adjustment screw in the top of transformer T2.

(4) Set the front panel controls of RT-671/PRC-47 as follows:

- (a) KILOCYCLES indicator to 2000.
- (b) CW-FSK/VOICE switch to VOICE.
- (c) OPR-TUNE switch to OPR.
- (d) XMTR PWR switch to LO.
- (e) POWER-LIGHTS switch to POWER

CAUTION

Do not permit the OPR-TUNE switch to remain in the TUNE position for more than a few seconds at a time while the POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls are being adjusted. Circuit damage can occur.

(5) Set the POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls to the turns-counter values shown on the LOAD-TUNE chart.

(6) Place the OPR-TUNE switch to TUNE; quickly peak the POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls for maximum deflection on the XMTR OUTPUT meter. Immediately return the PPR-TUNE switch to OPR.

NOTE

Adjust M ADJ control as required to maintain the XMTR OUTPUT meter pointer on a useful portion of the scale.

(7) Place the XMTR PWR switch to HI and repeat step (6).

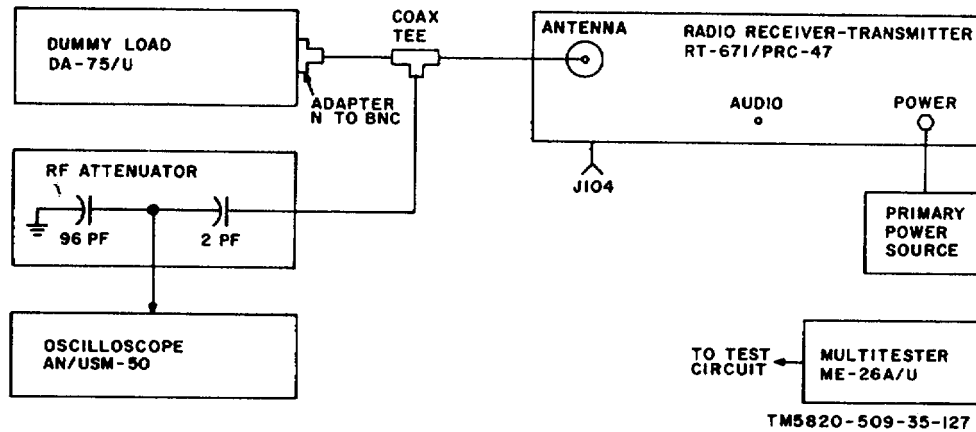


Figure 3-112. Balanced Modulator Adjustments, Test Equipment Setup

b. Adjustment Procedures.

- (1) Connect the rf probe of the multimeter to J104 (fig. 3-105).
- (2) Place the OPR-TUNE switch to TUNE and adjust the slug on the top of transformer A2T2 (fig. 3-20) for maximum indication on the multimeter.
- (3) Return the OPR-TUNE switch to OPR; place the CW-FSK/VOICE switch to CW-FSK.

- (4) Observe the transmitter carrier output on the oscilloscope and adjust A2R5 and A2C35 (fig. 3-95) alternately until the minimum carrier output is obtained.
- (5) Return the POWER-LIGHTS switch to POWER OFF and disconnect the test equipment.
- (6) Return the RT-671/PRC-47 to its case using the procedures of paragraph 3-11 if no further adjustments are required.

**CHAPTER 4
GENERAL SUPPORT MAINTENANCE**

4-1. General

a. The tests presented in this chapter verify the proper operation of Radio Set AN/PRC-47 after repair procedures have been completed.

b. The instructions that precede each performance chart establish the test conditions and present specific information for a given test. Perform each test in the sequence shown being careful to complete all actions required by the procedure. The test results must agree

with each respective performance standard to assure proper operation of the radio set.

4-2. Test Equipment Required

All test equipment and materials required to perform the procedures shown in this chapter are listed in the following chart. No special tools or materials are required for these tests.

| <i>Test equipment</i> | <i>FSN</i> | <i>Technical manual</i> |
|---|---------------|-----------------------------------|
| Multimeter ME-26A/U | 6625-542-6407 | TM 11-6625-200-15 TM 11 -5 129 |
| Oscilloscope AN/USM-50 | | |
| Signal Generator SG-103/URM-25F | 6625-246-8729 | TM 11-6625-935-12 |
| Frequency Counter AN/URM-79/U | | |
| Audio Oscillator TS-382/U | | |
| Dummy Load DA-75/U | 5995-973-3686 | TM 11 -5017 |
| Cable Assembly Set AN/PRA-4 | | |
| Output Meter TS-585/U | 6625-668-9418 | TM 11 -5097 |
| Radar and Radio Repair Tool Kit TK-87/U | | |
| Radar and Radio Repair Supplementary Tool Kit TK-88/U | | |
| Spectrum Analyzer TS-723A/U | | |

4-3. Test Facilities

A primary power source of 115 volts, 400 Hz, single-phase alternating current at approximately 3.0 amperes, and a 26.5-volt direct current source at approximately 11 amperes is required for these tests.

4-4. Modification Work Orders

The performance standards listed in the tests (pare 4-5 through 4-19) assume that all applicable modification work orders have been performed.

4-5. Physical Tests and Inspection

Perform each of the following steps to assure compliance with the maintenance standard.

NOTE

Remove Radio Receiver-Transmitter RT-671/PRC 47 from its case using the procedures detailed in paragraph 3-11.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|-------------------------|------------------------|---|---|
| 1 | n/a | n/a | a. Inspect all gears and mechanical assemblies for loose or missing hardware. b. Inspect all connectors, sockets, receptacles, fuse holders, and lamp sockets for looseness or damage. | a. Screws, setscrew, bolts, and nuts must be tight, no missing parts. b. All items secured tightly to panel with no evidence of damage. |
| 2 | n/a | n/a | a. Rotate whole megahertz frequency control knob one step at a time from 2000 to 11000 on KILOCYCLES indicator. | a. Bandswitch gears in signal data translator (A3), oscillator control (A7), and in Bandswitch assembly, rotate freely one step at a time as knob is turned. |
| 3 | n/a | n/a | b. Rotate 100-kHz frequency control knob one step at a time from X000 to X900 on KILOCYCLES indicator. a. Inspect case and chassis for damage, missing parts, the condition of the finish, and panel lettering. Modules must be removed to complete this inspection. | b. Slug rack in signal data translator (A3) withdraws smoothly as knob advances one step at a time. a. No damage or missing parts visible; external surfaces originally painted show no bare metal. Panel lettering legible. |

NOTE

Paint should be touched up in lieu of refinishing whenever practical. Screw heads, binding posts, receptacles, and plated parts are not painted and must not be polished with abrasives.

| | | | | |
|--|--|--|---|---|
| | | | b. Inspect all wiring in the area of repairs for cracks, chips, or other breaks in the moisture-proofing varnish. | b. All repaired or disturbed electrical wiring and components are secured and moisture-proofed. |
|--|--|--|---|---|

4-6. Receiver Sensitivity Tests

(fig. 4-1)

NOTE

This test must be performed in a screen-room similar to Electro-Magnetic Shielding Enclosure MX-1766/G or equal.

a. Test Equipment and Material.

- (1) Signal Generator SG-103/URM-25F.
- (2) Frequency Counter AN/URM-79/U.
- (3) Spectrum Analyzer TS-723A/U.
- (4) Audio load, 300-ohm, 1-watt composition resistor.
- (5) Coaxial tee, UG-274B/U.

(6) Primary power source: 115-volt, 400-Hz, single-phase, 3 amps. 26.5-volt, dc, 11 amperes approx.

b. Test Conditions and Equipment Connections.

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 4-1.

(2) Connect the 115-volt primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch of RT-671/PRC-47 to POWER ON. Permit the equipment to stabilize for at least 6 minutes before beginning the procedures shown in the chart below.

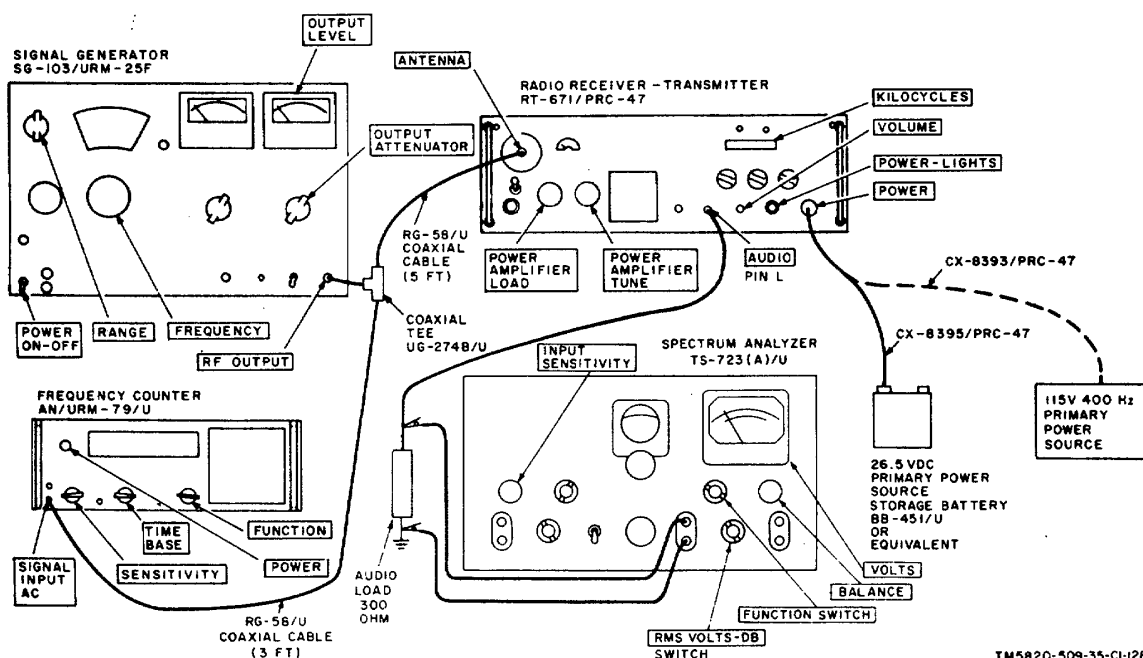


Figure 4-1. Receiver Sensitivity, AVC Selectivity, IF. Rejection, Image Rejection, and Volume Control Tests, Equipment Setup.

c. Procedure After each adjustment of the frequency control knobs on the front panel of the receiver-transmitter, readjust the signal generator

output frequency to the newly selected transmitter operating frequency, plus 1 kHz, and reset the output level to the required value.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|--|--|--|---|
| 1 | Adjust signal generator to 2226 kHz; kHz; set output level to 20 microvolts. | Adjust frequency control knobs to 2225 on KILOCYCLES indicator CW-FSK/VOICE to VOICE; OPR-TUNE to To maximum clockwise stop. | <ol style="list-style-type: none"> a. Read audio output voltage across 300-ohm audio load. b. Disconnect signal generator from ANTENNA terminal Across 300-ohm audio load. | <ol style="list-style-type: none"> a. Minimum acceptable voltage of 1.9 volts rms. of 3.9 volts rms b. Maximum acceptable voltage 1.25 volts rms. 1.25 volts rms. |

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|--|---|---|---|
| 2 | Same as step 1 at each of the following frequencies: 3226, 3776, 4226, 4776, 5226, 5776, 6226, 6776, 7226, 8226, 8776, 9226, 9776, 10226, 10776, 11226. 11776 kHz; maintain 2.0 microvolts output. | Same as step 1 at the following KILOCYCLES indicator readings: 3225, 3775, 4225, 4775, 5225, 5775, 6225, 6775, 7225, 7775, 8225, 8775, 9225, 9775, 10225, 10775, 11225, and 1175. | <p>a. Repeat procedure of step 1a at each operating frequency.</p> <p>b. Repeat procedure of step 1b at each operating frequency.</p> | <p>a. Same as step 1a at each operating frequency.</p> <p>b. Same as step 1b at each operating frequency.</p> |
| 3 | Same as step 1. | Same as step 1 except use 26.5 volt dc primary power source. | <p>a. Repeat procedure of step 1a using 26.5-volt dc primary power source.</p> <p>b. Repeat procedure of step 1b using 26.5-volt dc primary power source.</p> | <p>a. Same as step 1a.</p> <p>b. Same as step 1b</p> |
| 4. | Same as step 2. | Same as step 2 except use 26.5 volt dc primary power source. | <p>a. Repeat procedure of step 1a at each operating frequency using 26.5-volt dc primary power source.</p> <p>b. Repeat procedure of step 1b at each operating frequency using 26.5-volt dc primary power source.</p> | <p>a. Same as step 1a at each operating frequency.</p> <p>b. Same as step 1b at each operating frequency.</p> |

4-7. Receiver AVC Characteristic Test

(fig; 4-1)

a. Test Equipment and Material.

- (1) Signal Generator SG-103/URM-25F
- (2) Frequency Counter AN/URM-79/U
- (3) Spectrum Analyzer TS 723A/U.
- (4) Audio load, 300-ohm, 1-watt composition resistor.

(5) Primary power source: 115-volt, 400 Hz, single-phase, 3 amps. 26.5-volt, dc, 11 amperes approx.

b. Test Conditions and Equipment Connections.

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC47 as shown in figure 4-1.

(2) Connect the primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch of RT-671/PRC 47 to POWER ON. Permit the equipment to stabilize for at least 5 minutes before beginning the procedures shown in the chart below.

c. Procedure. After each adjustment of the frequency control knobs on the front panel of the receiver-transmitter, readjust the signal generator output frequency to the newly selected transmitter operating frequency plus 1kHz, and reset the output level to the required value.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|--|---|--|--|
| 1 | Adjust signal generator to 2226 kHz; set output level to 5.0 microvolts. | Adjust frequency control knobs to 2225 on KILOCYCLES indicator; CW-FSK/VOICE to VOICE; OPR-TUNE to OPR; VOLUME control to maximum clockwise stop. | Read audio output voltage across 300-ohm audio load. | Record output voltage for reference below. |
| 2 | Increase signal generator output to 0.1 volts. | Same as step 1. | Read audio output voltage across 300-ohm audio load. | Reading in this step must not exceed 3.16 times the reading in step 1. |
| 3 | Same as step 1 except set output to 4226 kHz. | Same as step 1 except set frequency control knobs for 4225 on KILOCYCLES indicator. | Repeat procedures of step 1 at 4225 kHz. | Record output voltage for reference below. |
| 4 | Same as step 2. | Same as step 3. | Read audio output voltage across 300 ohm audio load. | Reading in this step must not exceed 3.16 times the reading in step 3. |
| 5 | Same as step 1 except set output at 6226 kHz. | Same as step 1 except set frequency control knobs for 6225 on KILOCYCLES in- | Repeat procedure of step 1 at 6225 kHz. | Record output voltage for reference below. |

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|--|---|--|--|
| 6 | Same as step 2. | Same as step 5. | Read audio output voltage across 300-ohm audio load. | Reading in this step must not exceed 3.16 times the reading in step 5. |
| 7 | Same as step 1 except set output to 8226 kHz. | Same as step 1 except set frequency control knobs for 8225 on KILOCYCLES indicator. | Repeat procedure of step 1 at 8225 kHz. | Record output voltage for reference below. |
| 8 | Same as step 2. | Same as step 7. | Read audio output voltage across 300-ohm audio load. | Reading in this step must not exceed 3.16 times the reading in step 7. |
| 9 | Same as step 1 except set output to 10226 kHz. | Same as step 1 except set frequency control knobs to 10225 on KILOCYCLES indicator. | Repeat procedure of step 1 at 10225 kHz. | Record output voltage for reference below. |
| 10 | Same as step 2. | Same as step 9. | Read audio output voltage across 300-ohm audio load. | Reading in this step must not exceed 3.16 times the reading in step 9 |

4-8. Receiver Selectivity Tests

(fig. 4-1)

a. Test Equipment and Material

- (1) Signal Generator SG-103/URM-25F
- (2) Frequency Counter AN/URM-79/U.
- (3) Spectrum Analyzer TS-723A/U.
- (4) Audio load, 300-ohm, 1-watt composition

resistor.

(5) Primary power source: 115-volt, 400-Hz, single-phase, 3 amps. 26.5-volt, dc, 11 amperes approx.

b. Test Conditions and Equipment Connections.

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 4-1.

(2) Connect the primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch of RT-671/PRC-47 to POWER ON. Permit the equipment to stabilize for at least 5 minutes before beginning the procedures shown in the chart below.

c. Procedure.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|---|---|---|--|
| 1 | Adjust signal generator to 2226.7k 2226.7 kHz; set output level to 2.0 microvolts. | Adjust frequency control knobs to 2225 on KILOCYCLES indicator; CW-FSK/VOICE to VOICE; OPR-TUNE to OPR; VOLUME to maximum clockwise stop. | Read audio output voltage across 300 ohm audio load. | Record output voltage for reference below. |
| 2 | Increase output of signal generator to 2,000 microvolts and reduce output frequency until voltage across 300-ohm audio load reads same as step 1. | Same as step 1. | Verify that audio output voltage across 300-ohm audio load is same as in step 1. Record signal generator frequency. | Frequency is not less than 2223.7 kHz. |
| 3 | Do not adjust signal generator output level but increase output frequency above 2225 kHz until output across 300-ohm audio load reads same as step 1. | Same as step 1. | Verify that audio output voltage across 300-ohm audio load is same as step 1. Record signal Generator frequency | Frequency is not more than 2229.7 kHz. |
| 4 | Same as step 1. | Same as step 1. | Repeat procedure of step 1. | Record output voltage across 300-ohm audio load for reference below. |
| 5 | Adjust signal generator output frequency below 2226.7 kHz until the voltage across The 300-ohm audio load is 6db below the value shown In step 4. | Same as step 1. | Verify that audio output voltage across 300-ohm audio load is 6db below reading of step 4. Record signal generator frequency. | Frequency is not more than 2225.300 kHz. |

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|---|------------------------|--|---|
| 6 | Adjust signal generator output frequency above 2226.7 kHz until the voltage across the 300-ohm audio load is 6db below the value shown in step 4. | Same as step 1. | Verify that audio output voltage across 300-ohm audio load is 6db below reading of step 4. Record signal generator frequency | Frequency is not less than 2228.000kHz. |

4-9. Receiver If. Rejection Test
(fig. 4-1)

a. Test Equipment and Materials.

- (1) Signal Generator SG-103/URM-25F
- (2) Frequency Counter AN/URM-79/U
- (3) Spectrum Analyzer TM-723A/U.
- (4) load, 300 ohm, 1-watt composition resistor.

(5) Primary power source: 115-volt, 500 Hz, single-phase, 3 amps. 26.5-volt, dc, 11 amperes approx.

b. Test Conditions and Equipment Connections.

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 4-1.

(3) Connect the primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch of RT-671/PRC-47 to POWER ON. Permit the equipment to stabilize for at least 5 minutes before beginning the procedures shown in the chart below.

c. Procedure.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|---|--|---|--|
| 1 | Adjust signal generator to 2226 kHz; set output level to 2.0 microvolts. | Adjust frequency control knobs to 2225 on KILOCYCLES indicator; CW-FSK/VOICE to VOICE; OPR-TUNE to OPR; VOLUME control to maximum clockwise. | Read audio output voltage across 300-ohm audio load. | Record output voltage for reference below. |
| 2 | Adjust signal generator to 499 kHz; increase output level to obtain same output voltage across 300-ohm audio load As in step 1. | Same as step 1. | Verify that audio output voltage across 300-ohm audio load is same as step 1. Record signal generator output level. | Level not less than 20,000 microvolts. |
| 3 | Adjust signal generator to 11776 kHz; set output level to 2. Microvolts. | Same as step 1 except set frequency control knobs for 11775 on KILOCYCLES indicator. | Read audio output voltage | Record output voltage for |
| 4 | Same as step 2. | Same as step 3. | Verify that audio output voltage across 300-ohm audio load is same as step 3. Record signal generator output level. | Level not less than 20,000 microvolts. |

Change 2 4-5

4-10. Receiver Image Rejection Test

(fig. 4-1)

a. Test Equipment and Material.

- (1) Signal Generator SG-103/URM-25F.
- (2) Frequency Counter AN/URM-79/U.
- (3) Spectrum Analyzer T@723A/U.
- (4) Audio load, 300-ohm, 1-watt composition resistor.

resistor.

(5) Primary power source: 115-volt, 400-Hz, single-phase, at 3 amp. 26.5-volt, dc, 11 amperes approx.

b. Test Conditions and Equipment Connections.

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 4-1.

(2) Connect the primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch of RT-671/PRC 47 to POWER ON. Permit the equipment to stabilize at least 5 minutes before beginning the procedures shown in the chart below.

c. Procedure.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|---|--|---|---|
| 1 | <p>a. Adjust signal generator to 2226 kHz; set output level to 5.0 microvolts.</p> <p>b. Adjust signal generator to 3224 kHz, raise output level until voltage across 300-ohm audio load is same as in step 1a.</p> | <p>Adjust frequency control knobs to 2225 on KILOCYCLES indicator; CW-FSK/VOICE to VOICE; OPR-TUNE to OPR; VOLUME control to maximum clock wise.</p> | <p>a. Read audio output voltage across 300-ohm audio load.</p> <p>b. Verify that audio output voltage across 300-ohm audio is same as step 1a Record signal generator output level.</p> | <p>a. Record output voltage for reference below.</p> <p>b. Signal generator output level not less than 50,000 microvolts.</p> |
| 2. | <p>a. Adjust signal generator to 1 1776 kHz; set output level to 5.0 microvolts.</p> <p>b. Adjust signal generator to 12774 kHz; raise output level until voltage across 300-ohm audio load is same as in step 2a</p> | <p>Same as step 1 except set frequency control knobs to 1 1775 on KILOCYCLES indicator.</p> | <p>a. Read audio output voltage across 300-ohm audio load.</p> <p>b. Verify that audio output voltage across 300-ohm audio load is same as step 2a Record signal generator output level</p> | <p>a. Record output voltage for reference below.</p> <p>b. Signal generator output level not less than 1580 microvolts.</p> |

4-11. Receiver Volume Control Test

(fig 4-1)

a. Test Equipment and Material.

- (1) Signal Generator SG-103/URM-25F
- (2) Frequency Counter AN/URM-79/U.
- (3) Spectrum Analyzer TS-723A/U.
- (4) Audio load, 300 ohm, 1 watt composition resistor.

(5) Primary power source: 115-volt, 400 Hz, single-phase, 3 amps. 26.5-volt, dc, 11 amperes approx.

b. Test Conditions and Equipment Connections.

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 4-1.

(2) Connect the primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch on RT-671/PRC-47 to POWER ON. Permit the equipment to stabilize at least 5 minutes before beginning the procedures shown in chart below.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|---|---|---|---|
| 1 | Adjust signal generator to 2226 kHz; set output level to 1000 microvolts. | Adjust frequency control knobs to 2225 on KILOCYCLES indicator; CW-FSK/VOICE to VOICE; OPR-TUNE to OPR. | Rotate VOLUME control to maximum clockwise stop. | Record audio output voltage across 300-ohm audio load. |
| 2 | Same as step 1. | Same as step 1. | Rotate VOLUME control to maximum counterclockwise stop. | Record audio output voltage across 300-audio load. Must be not more Than 1/100 of value recorded in step 1. |

4-12. Receiver Audio Output Distortion Test

(fig. 4-2)

a. Test Equipment and Material.

- (1) Signal Generator SG-103/URM-25F.
- (2) Frequency Counter AN/URM-79/U.
- (3) Distortion Analyzer TS-723/U.
- (4) Audio load, 300 ohm 1-watt composition resistor.

(5) Primary power source: 115-volt, 400 Hz, single-phase, 3 amps. 26.5-volt, dc, 11 amperes approx.

b. Test Conditions and Equipment Connections.

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 4-2.

(2) Connect the primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch on RT-671/PRC-47 to POWER ON. Permit the equipment to stabilize at least 5 minutes before beginning the procedures shown in the chart below.

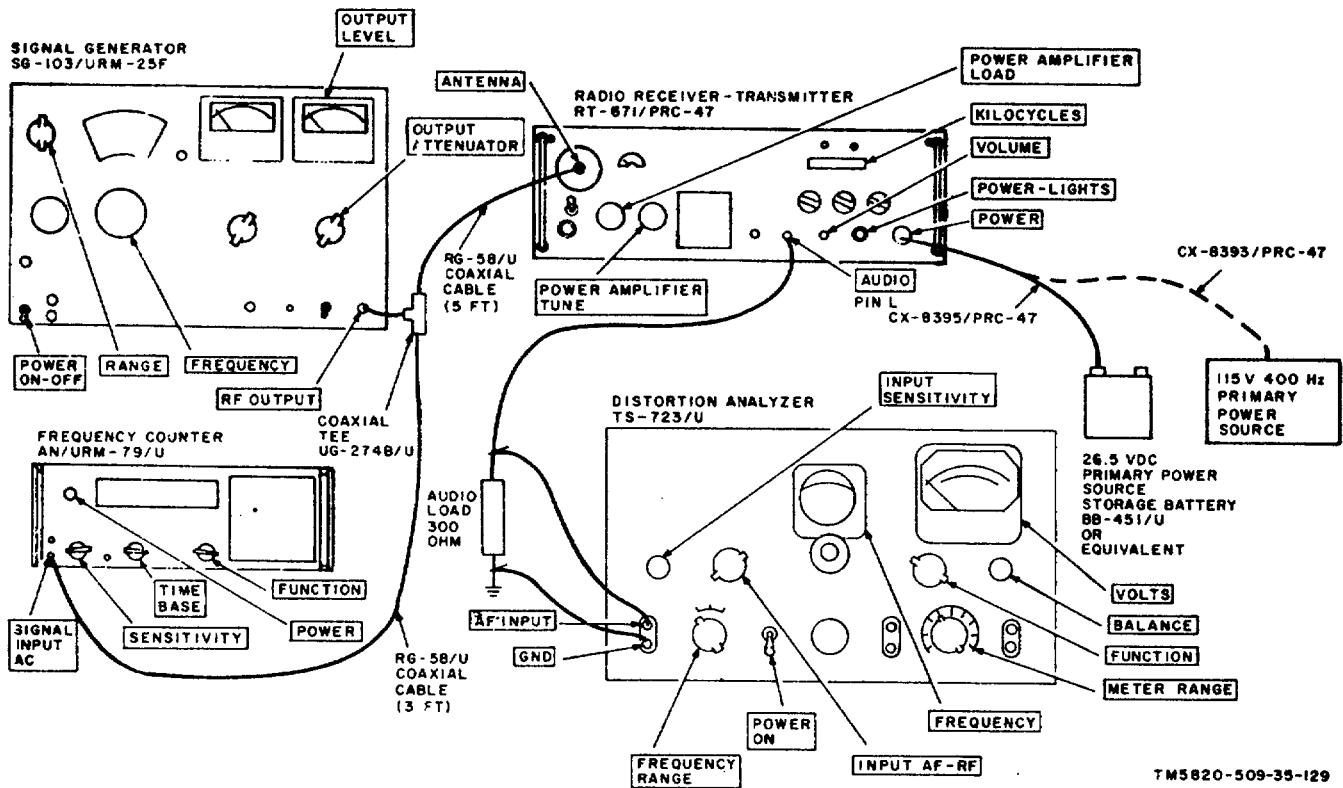


Figure 4-2. Receiver Audio Output Distortion Test, Equipment Setup.

c. Procedure.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|--|---|--|--|
| 1 | Adjust signal generator to 2225.3 kHz: set output level to 1000 microvolts | Adjust frequency control knobs to 2225 on KILOCYCLES indicator: CW-FSK/VOICE to VOICE: OPR-TUNE to distortion. OPR. | Set VOLUME control to obtain 12.9 volts across the 300-ohm audio load (500 milliwatts); read | Audio output distortion less than 15%. |

4-13. Power Input Requirements, Receive Mode (fig 4-3)

a. Test Equipment and Material.

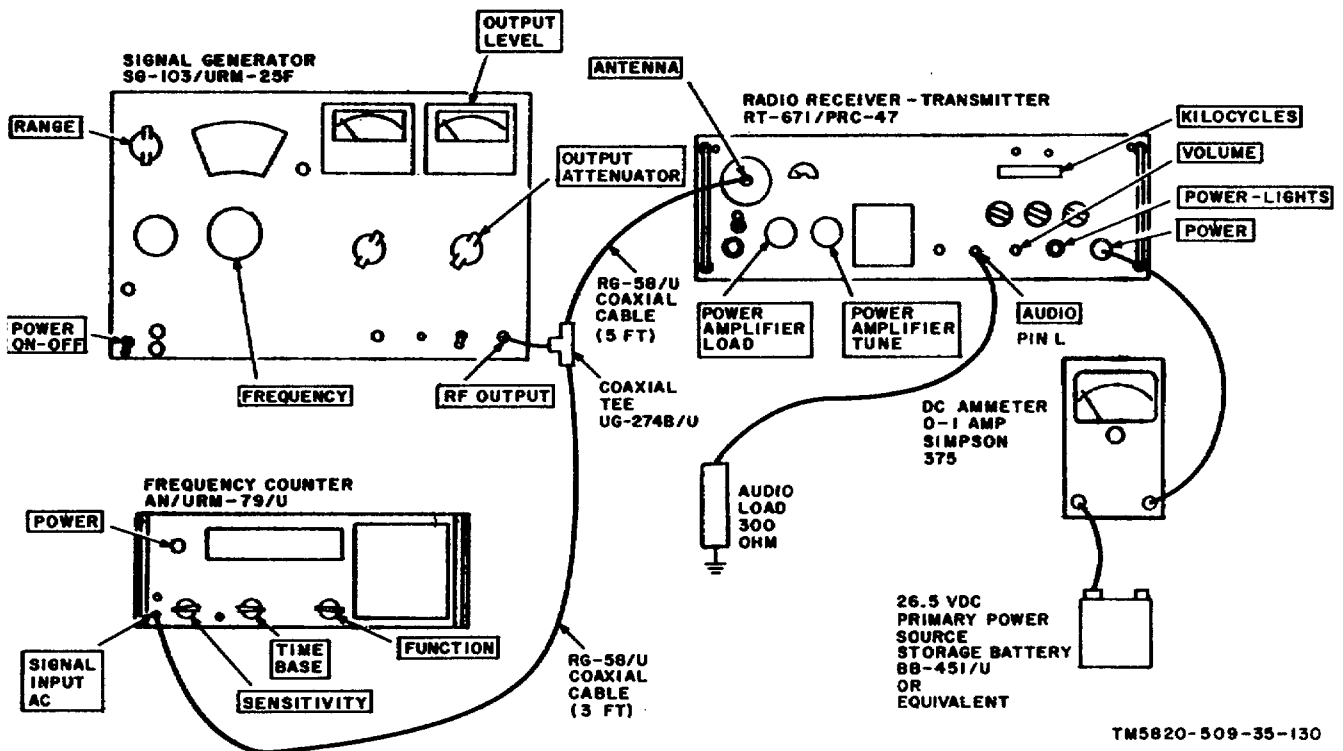
- (1) Signal Generator SG-103/URM-25F
- (2) Frequency Counter AN /URM 79/U
- (3) Dc ammeter, 0 to 1 ampere. Simpson 375, or equal.
- (4) Audio load, 300-ohm, 1 watt composition resistor.
- (5) Primary power source: 26.5 volt, dc. 11 amperes approx .

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 4-3.

(2) Connect the primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch on RT-671/PRC-47 to POWER ON. Permit the equipment to stabilize at least 5 minutes before beginning the procedures shown in the chart below.

b. Test Conditions and Equipment Connections.



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Figure 4-3. Receiver Power Input Requirements, Equipment Setup.

c. Procedure.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|---|---|------------------|---|
| 1 | Adjust signal generator to 2226 kHz; set output level to 1000 microvolts. | Adjust frequency control knobs to 2225 on KILOCYCLES indicator; CW-FSK/VOICE to VOICE; OPR-TUNE to OPR. | Read dc ammeter. | Dc ammeter reads not more than 0.875 amperes. |

4-14. Transmitter Power Output Test

(fig. 4-4)

a. Test Equipment and Material.

- (1) Antenna simulator (p/o Cable Assembly Set AN/PRA-4)
- (2) Dummy Load DA-75/13
- (3) Multimeter ME-26A/U
- (4) Primary power source: 26.5-volt, dc, 11 amperes approx.

b. Test Conditions and Equipment Connections.

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 4-4.

(2) Connect the primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch on RT-671/PRC-47 to POWER ON. Permit the equipment to stabilize at least 5 minutes before beginning the procedures shown in the chart below.

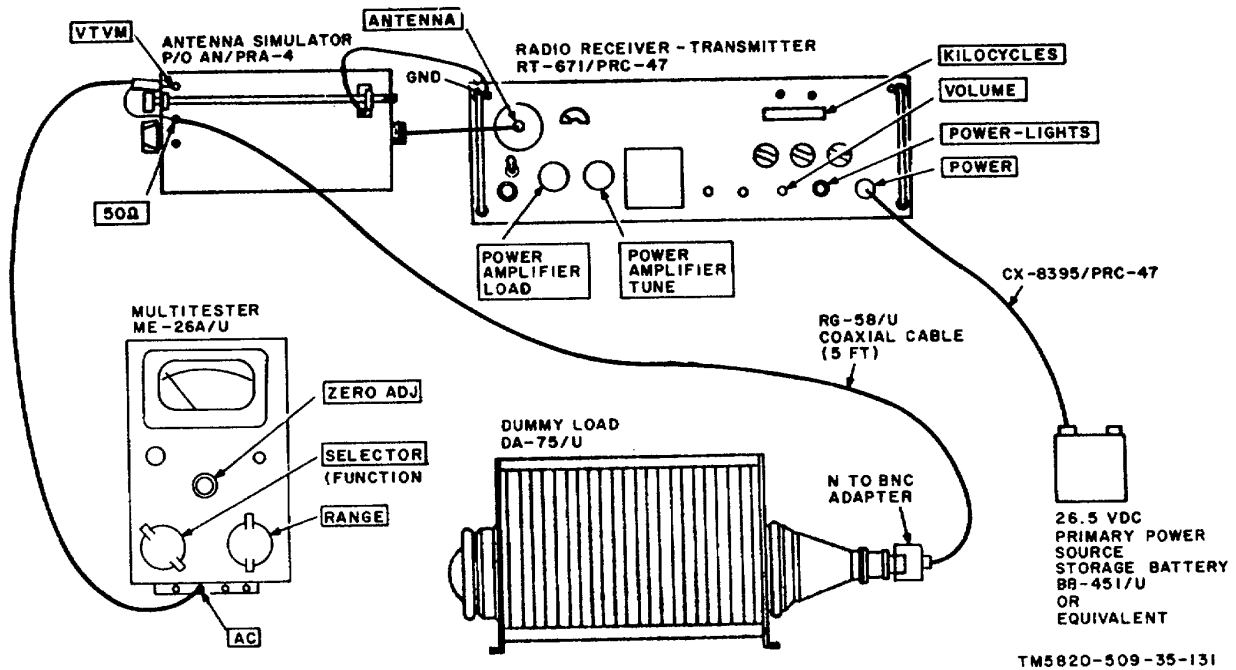


Figure 4-4. Transmitter Power Output and Output Meter Sensitivity Tests, Equipment Setup.

c. Procedure.

- (1) Set the selector switch on the antenna simulator to the 2000 kHz position.
- (2) On RT-671/PRC-47, set the KILOCYCLES indicator to 2000; place CW-FSK/VOICE switch to VOICE; XMTR PWR switch to LO; and OPR-TUNE switch to OAR.
- (3) Place the turns-counters of POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls to the settings recommended on the LOAD-TUNE chart on the front of the receiver-transmitter.

AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls on the front of the receiver-transmitter for maximum deflection on the XMTR OUTPUT meter. Use the OPR-TUNE switch to control power amplifier plate power. Do not permit the power amplifier to operate for more than a few seconds in the unloaded or off-resonant condition, serious equipment damage can result. Between each procedural step of the following chart, resonate the power amplifier output circuit at the new operating frequency.

CAUTION
Before making the following measurements, resonate the POWER

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|---|---|---|--|
| 1 | a. Set vtm RANGE switch to 30 VOLTS. b. n/a c. Set vtm RANGE switch to 100 VOLTS. d. n/a | a. Place OPR-TUNE switch to TUNE. b. n/a c. Place XMTR PWR switch to HI; then place OPR-TUNE to TUNE. d. n/a | a. Read rf voltage across dummy load. b. Immediately return OPH-TUNE switch to OPR. c. Read rf voltage across dummy load. d. Immediately return OPR-TUNE switch to OPR; then place XMTR PWR switch to LO | a. Vtm reads not less than 13.7 volts rms. b. n/a c. Vtm reads not less than 30.7 volts rms. d. n/a |

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|---|--|---|---|
| 2 | <p>a. Same as step 1a. Set switch on antenna simulator to 3000 kHz position.</p> <p>b. n/a</p> <p>c. Same as step 1c.</p> <p>d. n/a</p> | <p>a. Same as step 1a except adjust KILOCYCLES indicator to 3000.</p> <p>b. n/a</p> <p>c. Same as step 1c.</p> <p>d. n/a</p> | <p>a. Read rf voltage across dummy load.</p> <p>b. Immediately return OPR-TUNE switch to OPR.</p> <p>c. Read rf voltage across dummy load.</p> <p>d. Immediately return OPR-TUNE switch to OPR; then place XMTR PWR switch to LO.</p> | <p>a. Vtvm reads not less than 15.3 volts rms.</p> <p>b. n/a</p> <p>c. Vtvm reads not less than 34.3 volts rms.</p> <p>d. n/a</p> |
| 3 | <p>a. Same as step 1a; set switch on antenna simulator to 4000 kHz position.</p> <p>b. n/a</p> <p>c. Same as step 1c.</p> <p>d. n/a</p> | <p>a. Same as step 1a except adjust KILOCYCLES indicator to 4000.</p> <p>b. n/a</p> <p>c. Same as step 1c.</p> <p>d. n/a</p> | <p>a. Read rf voltage across dummy load.</p> <p>b. Immediately return OPR-TUNE switch to OPR.</p> <p>c. Read rf voltage across dummy load.</p> <p>d. Immediately return OPR-TUNE switch to OPR; then place XMTR PWR switch to LO.</p> | <p>a. Vtvm reads not less than 16.8 volts rms.</p> <p>b. n/a</p> <p>c. Vtvm reads not less than 38.9 volts rms.</p> <p>d. n/a</p> |
| 4 | <p>a. Same as step 1a; set switch on antenna Simulator to 5000 kHz position.</p> <p>b. n/a</p> <p>c. Same as step 1c.</p> <p>d. n/a</p> | <p>a. Same as step 1a except adjust KILOCYCLES indicator to 5000.</p> <p>b. n/a</p> <p>c. Same as step 1c.</p> <p>d. n/a</p> | <p>a. Read rf voltage across dummy load.</p> <p>b. Immediately return OPR-TUNE switch to OPR.</p> <p>c. Read rf voltage across dummy load.</p> <p>d. Immediately return OPR-TUNE switch to OPR; then place XMTR PWR switch to LO.</p> | <p>a. Vtvm reads not less than 19.4 volts rms.</p> <p>b. n/a</p> <p>c. Vtvm reads not less than 43.4 volts rms.</p> <p>d. n/a</p> |
| 5 | <p>a. Same as step 1a; set switch on antenna simulator to 6000 kHz position.</p> <p>b. n/a</p> <p>c. Same as step 1c.</p> <p>d. n/a</p> | <p>a. Same as step 1a except adjust KILOCYCLES indicator to 6000.</p> <p>b. n/a</p> <p>c. Same as step 1c.</p> <p>d. n/a</p> | <p>a. Read rf voltage across dummy load.</p> <p>b. Immediately return OPR-TUNE switch to OPR.</p> <p>c. Read rf voltage across dummy load.</p> <p>d. Immediately return OPR-TUNE switch to OPR; then place XMTR PWR switch to LO.</p> | <p>a. Vtvm reads not less than 20.6 volts rms.</p> <p>b. n/a</p> <p>c. Vtvm reads not less than 47.5 volts rms.</p> <p>d. n/a</p> |
| 6 | <p>a. Same as step 1a; set switch on antenna Simulator to 7000 kHz</p> <p>b. n/a</p> <p>c. Same as step 1c.</p> <p>d. n/a</p> | <p>a. Same as step 1a except adjust KILOCYCLES indicator to 7000.</p> <p>b. N/a</p> <p>c. Same as step 1c.</p> <p>d. n/a</p> | <p>a. Read rf voltage across dummy load.</p> <p>b. Immediately return OPR-TUNE switch to OPR.</p> <p>c. Read rf voltage across dummy load.</p> <p>d. Immediately return OPR-TUNE switch to OPR; then place XMTR PWR switch to LO.</p> | <p>a. Vtvm reads not less than 22.7 volts rms.</p> <p>b. n/a</p> <p>c. Vtvm reads not less than 50.4 volts rms.</p> <p>d. n/a</p> |

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|--|---|--|--|
| 7 | <p>a. Same as step 1a; set switch on antenna Simulator to 8000 kHz position. b. n/a</p> <p>c. Same as step 1c. d. n/a</p> | <p>a. Same as step 1a except adjust KILOCYCLES indicator to 8000. b. n/a</p> <p>c. Same as step 1c. d. n/a</p> | <p>a. Read rf voltage across dummy load. b. Immediately return OPR-TUNE switch to OPR. c. Read rf voltage across dummy load. d. Immediately return OPR-TUNE switch to OPR; then place XMTR PWR switch to LO.</p> | <p>a. Vtvm reads not less than 23.8 volts rms. b. n/a</p> <p>c. Vtvm reads not less than 53.2 volts rms. d. n/a</p> |
| 8 | <p>a. Same as step 1a; set switch on antenna simulator to 9000 kHz position. b. n/a</p> <p>c. Same as step 1c. d. n/a</p> | <p>a. Same as step 1a except adjust KILOCYCLES indicator to 9000. b. n/a</p> <p>c. Same as step 1c. d. n/a</p> | <p>a. Read rf voltage across dummy load. b. Immediately return OPR-TUNE switch to OPR. c. Read rf voltage across dummy load. d. Immediately return OPR-TUNE switch to OPR; then place XMTR PWR switch to LO.</p> | <p>a. Vtvm reads not less than 24.7 volts rms. b. n/a</p> <p>c. Vtvm reads not less than 55.3 volts rms. d. n/a</p> |
| 9 | <p>a. Same as step 1a; set switch on antenna simulator to 10,000 kHz position. b. n/a</p> <p>c. Same as step 1c. d. n/a</p> | <p>a. Same as step 1a except adjust KILOCYCLES indicator to 10000. b. n/a</p> <p>c. Same as step 1c. d. n/a</p> | <p>a. Read rf voltage across dummy load. b. Immediately return OPR-TUNE switch to OPR. c. Read rf voltage across dummy load. d. Immediately return OPR-TUNE switch to OPR; then place XMTR PWR switch to LO.</p> | <p>a. Vtvm reads not less than 25.7 volts rms. b. n/a</p> <p>c. Vtvm reads not less than 57.4 volts rms. d. n/a</p> |
| 10 | <p>a. Same as step 1a: set switch on antenna simulator to 11,000 kHz position. b. n/a</p> <p>c. Same as step 1c. d. n/a</p> | <p>a. Same as step 1a except adjust KILOCYCLES indicator to 11000. b. n/a</p> <p>c. Same as step 1c. d. n/a</p> | <p>a. Read rf voltage across dummy load. b. Immediately return OPR-TUNE switch to OPR. c. Read rf voltage across dummy load. d. Immediately return OPR-TUNE switch to OPR; then place XMTR PWR switch to L1,O.</p> | <p>a. Vtvm reads not less than 26.6 volts rms. b. n/a</p> <p>c. Vtvm reads not less than 59.0 volts rms. d. n/a to</p> |
| 11 | <p>a. Same as step 1a: set switch on antenna adjust simulator to 11,999 kHz position. b. n/a</p> <p>c. Same as step 1c. d. n/a</p> | <p>a. Same as step 1a except KILOCYCLES indicator to 11999. b. n/a</p> <p>c. Same as step 1c. d. n/a</p> | <p>a. Read rf voltage across dummy load. b. Immediately return OPR-TUNE switch to OPR. c. Read rf voltage across dummy load d. Immediately return OPR-TUNE switch to OPR; then place XMTR PWR switch to 1,()</p> | <p>a. Vtvm reads not less than 26.6 volts rms. b. n/a</p> <p>c. Vtvm reads not less than 59.8 volts rms. d. n/a</p> |

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|--|--|--|---|
| 12 | <p>a. Same as step 1a; set switch on antenna simulator to 2,000 kHz position.</p> <p>b. n/a</p> <p>c. Same as step 1c.</p> <p>d. n/a</p> | <p>a. Disconnect 26.5 volt dc primary power source; connect 115 volt ac primary power repeat paragraph 4-14c and step 1a of this chart.</p> <p>b. n/a</p> <p>c. Same as step 1c.</p> <p>d. n/a</p> | <p>a. Read rf voltage across dummy load with 115-volt ac primary power source.</p> <p>b. Immediately return OPR-TUNE switch to OPR.</p> <p>c. Read rf voltage across dummy load.</p> <p>d. Immediately return OPR-TUNE switch to OPR; then place XMTR PWR switch to LO and POWER-LIGHTS switch to POWER OFF.</p> | <p>a. Same as step 1a.</p> <p>b. n/a</p> <p>c. Same as step 1c.</p> <p>d. n/a</p> |

4-15. Transmitter Output Meter Sensitivity Test
(fig. 4-4)

a. Test equipment and Material

(1) Antenna Simulator (p/o Cable Assembly Set AN/PRA-4) (2) Dummy Load DA-75/U (3) Multimeter ME-26A/U (4) Primary power source: 26.5-volt, dc, 11 amperes approx.

b. Test Conditions and Equipment Connection.

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 4-4.

(2) Connect the primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch on RT-671/PRC-47 to POWER ON. Permit the equipment to stabilize at least 5 minutes before beginning the procedures shown in the chart below.

c. Procedure.

(1) Set the selector switch on the antenna simulator to the 2000 kHz position.

(2) On RT-671/PRC-47. Set the

KILOCYCLES indicator to 2000; place CW-FSK/VOICE switch to VOICE; XMTR PWR switch to LO; and OPR-TUNE switch to OPR.

(3) Place the turns-counters of POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls to the settings recommended on the LOAD-TUNE chart on the front of the receiver-transmitter.

CAUTION

Before making the following measurements, resonate the POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls on the front of the receiver-transmitter for maximum deflection on the XMTR OUTPUT meter. Use the OPR-TUNE switch to control power amplifier plate power. Do not permit the power amplifier to operate for more than a few seconds in the unloaded or off-resonant condition, serious damage can result. Between each procedural step of the following chart, resonate the power amplifier output circuit at the new operating frequency.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|-----------------------------|--|---|--|
| 1 | <p>a. n/a</p> <p>b. n/a</p> | <p>a. Place OPR-TUNE switch to TUNE.</p> <p>b. n/a</p> | <p>a. Adjust M ADJ control until XMTR OUTPUT pointer is at midscale.</p> <p>b. Immediately return OPR-TUNE switch to OPR.</p> | <p>a. Control must be able to adjust pointer to mid-scale.</p> <p>b. n/a</p> |
| 2 | <p>a. n/a</p> <p>b. n/a</p> | <p>a. Place XMTR PWR switch to HI; then place OPR-TUNE to TUNF</p> <p>b. n/a</p> | <p>a. Repeat step 1a.</p> <p>b. Immediately return OPR-TUNE switch to OPR; and place XMTR PWR switch to LO.</p> | <p>a. Same as step 1a.</p> <p>b. n/a</p> |

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|--|---|---|-------------------------------|
| 3 | a. Set switch on antenna simulator to 11,999 kHz position. b. n/a | a. Adjust KILOCYCLES indicator to 11999; place OPR-TUNE switch to TUNE. b. n/a | a. Repeat step 1a. b. Immediately return OPR-TUNE switch to OPR. | a. Same as step 1a. b. n/a |
| 4 | a. Same as step 3a. b. n/a | a. Place XMTR PWR switch to HI; then place OPR-TUNE to TUNE. b. n/a | a. Same as step 1a. b. Immediately return OPR-TUNE to OPR; and place XMTR PWR to LO. | a. Same as step 1a. b. n/a |

4-16. Transmitter Frequency Stability Test

(fig. 4-5)

a. Test Equipment and Material.

- (1) Oscillator TS-382/U
 - (2) Dummy Load DA-75/U
 - (3) Frequency Counter AN/URM-79/U
 - (4) Output attenuator (fig. 4-5)
 - (5) Blocking capacitor (fig 4-5)
- 4-6 Primary power source: 26.5-volt, dc, 11 amperes approx.

b. Test Conditions and Equipment Connections.

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 4-5.

(2) Connect the primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch on RT-671/PRC-47 to POWER ON. Permit the equipment to stabilize at least 5 minutes before beginning the procedures shown in the chart below.

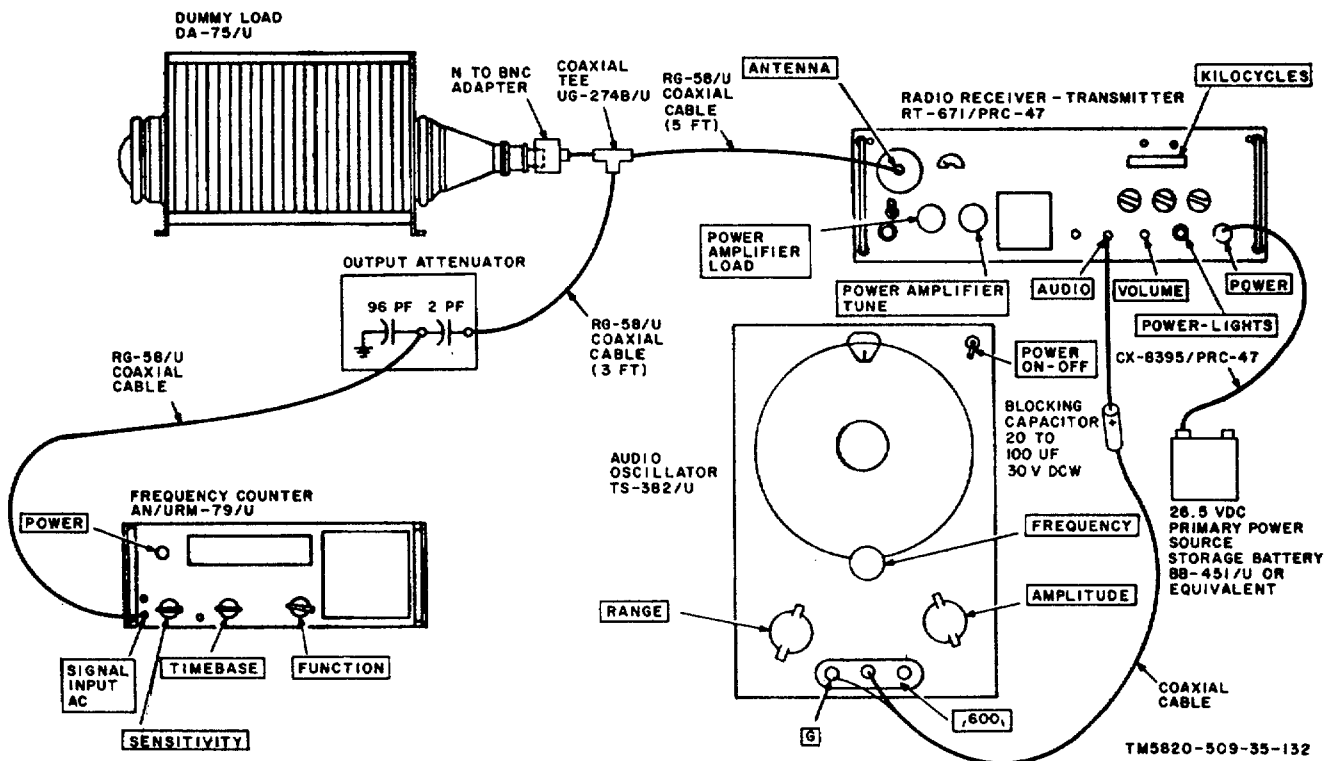


Figure 4-5. Transmitter Frequency Stability Test, Equipment Setup

c. Procedure.

- (1) On RT-671/PRC-47, set the KILOCYCLES indicator to 9900; set CW-

FSK/VOICE switch to VOICE, the XMTR PWR switch to LO, and the OPR-TUNE switch to OAR.

(2) Place the turns-counters of POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls to the settings recommended on the LOAD-TUNE chart on the front of the receiver-transmitter.

CAUTION

Before making the following measurements, resonate the POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls for maximum deflection on the XMTR

OUTPUT meter. Use the OPR-TUNE switch to control power amplifier plate power. Do not permit the power amplifier to operate for more than a few seconds in the unloaded or off-resonant condition, serious equipment damage can result. Between each procedural step of the following chart, resonate the power amplifier output circuit at the new operating frequency.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|---|--|--|--|
| 1 | Adjust audio oscillator to 2000 Hz; set output level to 0.1 volt rms. | Place CW-FSK/VOICE switch to CW-FSK. | Measure transmitter output frequency with counter. | Output frequency is 9902 kHz - 10 Hz. |
| 2 | Same as step 1. | Same as step 1, except set KILOCYCLES to 9911. | Same as step 1. indicator | Output frequency is 9913 kHz - 10 Hz. |
| 3 | Same as step 1. | Same as step 1, except set KILOCYCLES to 9922. | Same as step 1. indicator | Output frequency is 9924 kHz - 10 Hz. |
| 4 | Same as step 1. | Same as step 1, except set KILOCYCLES to 9933. | Same as step 1. indicator | Output frequency is 9935 kHz - 10 Hz. |
| 5 | Same as step 1. | Same as step 1, except set KILOCYCLES to 9944. | Same as step 1. indicator | Output frequency is 9946 kHz - 10 Hz. |
| 6 | Same as step 1. | Same as step 1, except set KILOCYCLES to 9955. | Same as step 1. indicator | Output frequency is 9957 kHz - 10 Hz. |
| 7 | Same as step 1. | Same as step 1, except set KILOCYCLES to 9966. | Same as step 1. indicator | Output frequency is 9968 kHz - 10 Hz. |
| 8 | Same as step 1. | Same as step 1, except set KILOCYCLES to 9977. | Same as step 1. indicator | Output frequency is 9979 kHz - 10 Hz. |
| 9 | Same as step 1. | Same as step 1, except set KILOCYCLES to 9988. | Same as step 1. indicator | Output frequency is 9990 kHz - 10 Hz. |
| 10 | Same as step 1. | Same as step 1, except set KILOCYCLES to 9999. | Same as step 1. indicator | Output frequency is 10001 kHz ± 10 Hz. |

4-17. Transmitter Power Input Test

(fig. 4-6)

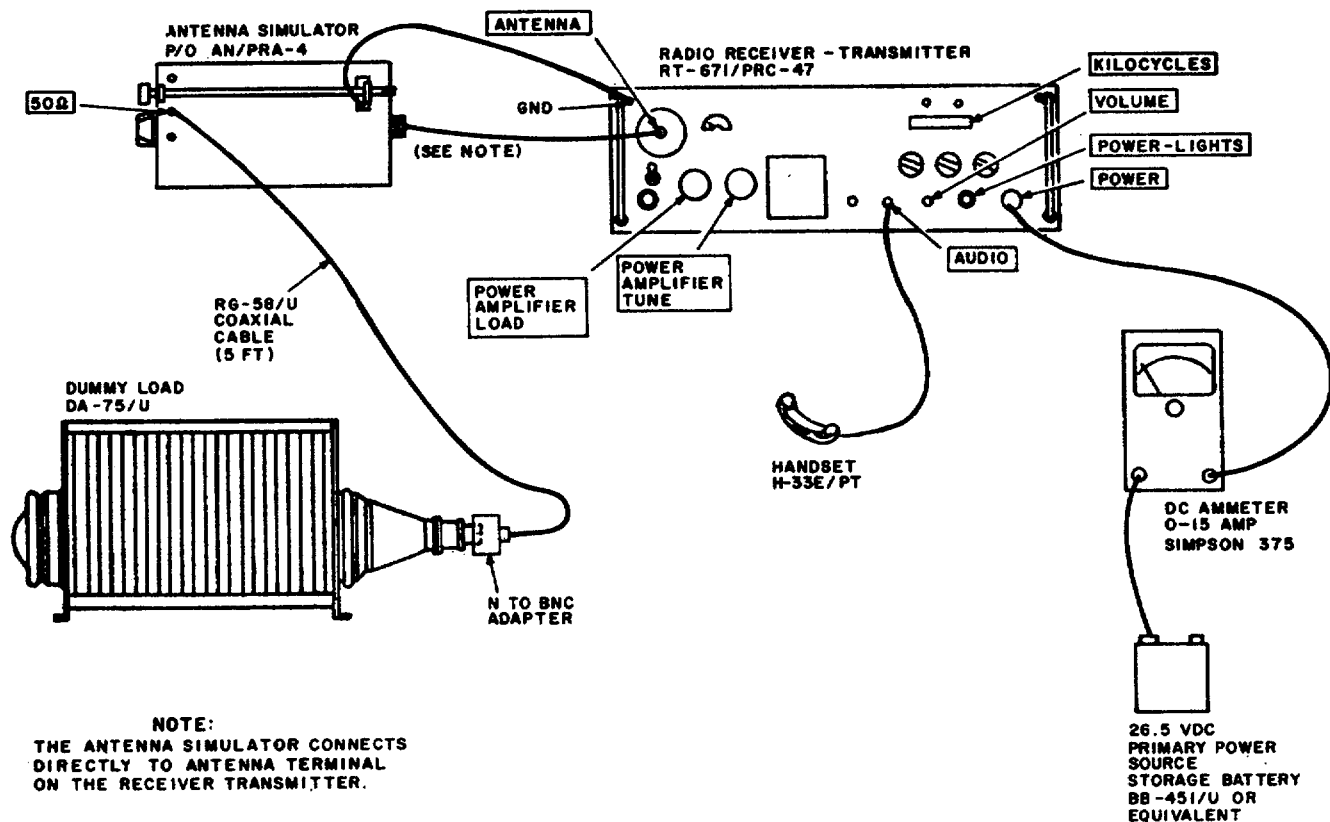
a. Test Equipment and Material.

- (1) Antenna simulator (p/o Cable Assembly Set AN/PRA-4)
- (2) Dummy Load DA-75/U
- (3) Handset H-33G/PT
- (4) Dc ammeter, 0 to 15 amperes, Simpson 375 or equal.

(5) Primary power source: 26.5-volt, dc, 11 amperes approx.

b. Test Conditions and Equipment Connections.

- (1) the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 4-6.
- (2) Connect the primary power source to the receiver-transmitter.
- (3) Place the POWER-LIGHTS switch on RT-671 /PRC-47 to POWER ON. Permit the equipment to stabilize for at least 5 minutes before beginning the procedures shown in the chart below.



NOTE:
THE ANTENNA SIMULATOR CONNECTS DIRECTLY TO ANTENNA TERMINAL ON THE RECEIVER TRANSMITTER.

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Figure 4-6. Transmitter Power Input Test, Equipment Setup.

c. Procedure.

- (1) Set the selector switch on the antenna simulator to the 2000 kHz position.
- (2) On RT 671/PRC 47, set the KILOCYCLES indicator to 2000; set CW-FSK/VOICE switch to VOICE, the XMTR PWR switch to LO, and the OPR-TUNE switch to OAR.
- (3) Place the turns-counters of POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls to the settings recommended on the LOAD-TUNE chart on the front of the receiver-transmitter.

CAUTION

Before making the following measurements, resonate the POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls on the front of the receiver-transmitter for maximum deflection of the XMTR OUTPUT meter. Use the OPR-TUNE switch to control power amplifier plate power. Do not permit the power amplifier to operate for more than a few seconds in the unloaded or off-resonant condition, serious equipment damage can result.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|-------------------------|--|---|--|
| 1 | n/a | Place XMTR PWR switch to HI and resonate power amplifier output circuit to Maximum output with OPR-TUNE switch in TUNE position. | Return OPR-TUNE switch to OPR and close handset push-to-talk Speak normally into the microphone. Observe dc ammeter reading. | Dc ammeter reads not more than 12.5 amperes. switch. |

4-18. Transmitter CW Operation Test

(fig. 4-7)

a. Test Equipment and Material.

- (1) Oscilloscope AN/USM-50.
- (2) Dummy Load DA-75/U.
- (3) Telegraph Key J-45.
- (4) Primary power source: 26.5-volt, dc, amperes approx.

b. Test Conditions and Equipment Connections.

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 4-7.

(2) Connect the primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch on RT-671/PRC-47 to POWER ON. Permit the equipment to stabilize at least 5 minutes before beginning the procedures shown in the chart below.

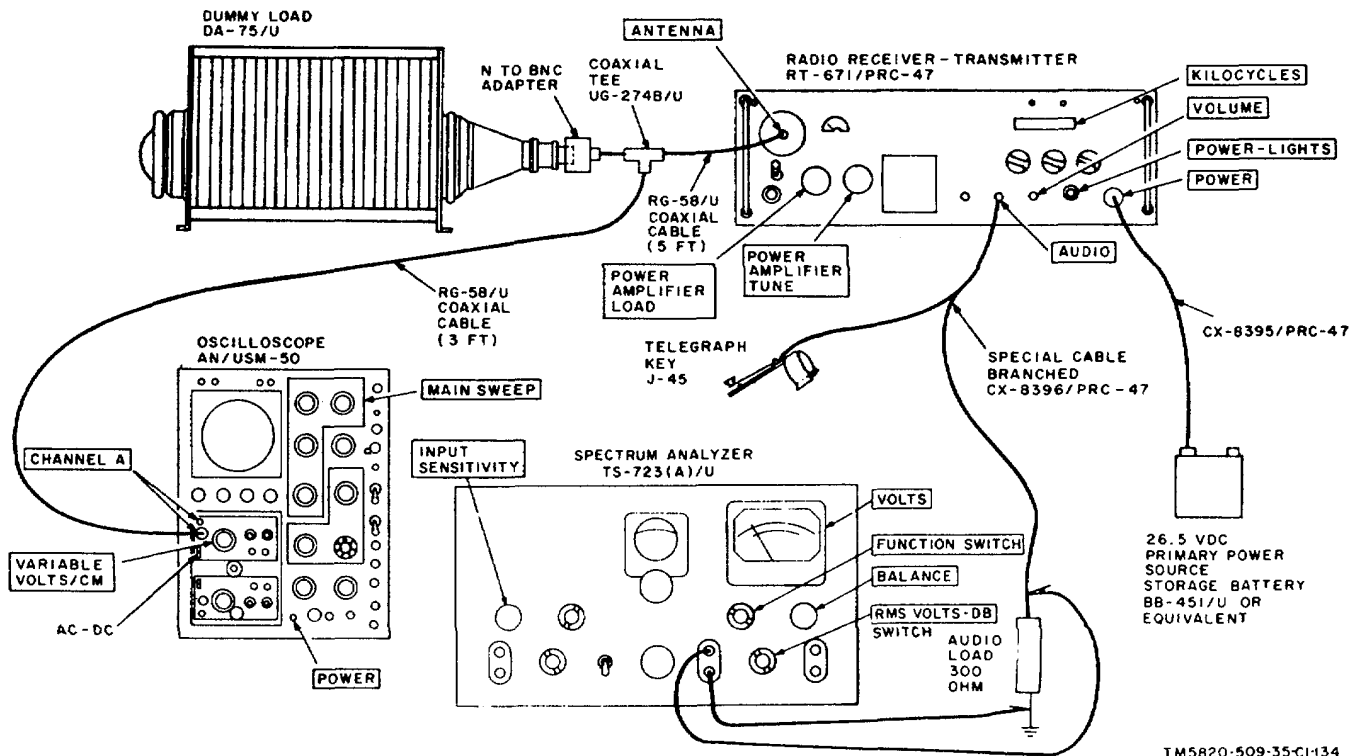


Figure 4-7. Transmitter CW Operation and Sidetone Test, Equipment Setup

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c. Procedure

(1) On RT-671/PRC-47, set the KILOCYCLES indicator to 2000; place the CW-FSK/VOICE switch to VOICE, the XMTR PWR switch to LO, and the OPR-TUNE switch to OPR.

(2) Place the turns-counters of POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls to the settings recommended on the LOAD-TUNE chart on the front of the receiver-transmitter.

CAUTION

Before making the following measurements, resonate the POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls on the front of the receiver-transmitter for maximum deflection on the XMTR OUTPUT meter. Use the OPR-TUNE switch to control power amplifier plate power. Do not permit the power amplifier to operate more than a few seconds in the unloaded or off-resonant condition, serious equipment damage can result.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|--|--|--|--|
| 1 | Adjust oscilloscope sweep to provide a keying envelope display at each keying speed. | Verify that OPR-TUNE switch is at OPR; then place the CW-FSK/VOICE switch to CW-FSK. | Key the transmitter with the telegraph key at speeds from 5- to 25-wpm. Observe the keying envelope for discontinuities. | Transmitter must key at all operating speeds up to 25 wpm without missing character or elements. |

4-19. Transmitter Sidetone Test

(fig. 4-7)

a. Test Equipment and Material.

- (1) Spectrum Analyzer TS-723A/U.
- (2) Dummy Load DA-75/U.
- (3) Telegraph Key J-45.
- (4) Audio load, 300-ohm, 1-watt composition resistor.
- (5) Primary power source: 26.5-volt, dc, 11 amperes approx.

b. Test Conditions and Equipment Connections.

- (1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 4-7.
- (2) Connect the primary power source to the receiver-transmitter.
- (3) Turn on the test equipment and place the POWER-LIGHTS switch on RT-671/PRC-47 to POWER ON. Permit the equipment to stabilize for at least 5 minutes before beginning the procedures shown in the chart below.

c. Procedure.

- (1) On RT-671/PRC-47, set the KILOCYCLES indicator to 2000; set CW-FSK/VOICE switch to VOICE, the XMTR PWR switch to LO, and the OPR-TUNE switch to OAR.
- (2) Place the turns-counters of POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls on the front panel of RT-671/PRC-47 to the settings recommended on the LOAD-TUNE! chart.

CAUTION

Before making the following measurements, resonate the POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls on the front panel of the receiver-transmitter. for maximum deflection on the XMTR PWR meter. Use the OPR-TUNE switch to control power amplifier plate power. Do not permit the power amplifier to operate for more than a few seconds at a time in the unloaded or off-resonant condition, serious equipment damage can result.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|---|--|---|--|
| 1 | Set meter range switch to 10 VOLTS R.M.S. | Place XMTR PWR switch to HI and peak the power amplifier; return OPR-TUNE to OPR, an switch C W-FSK/VOICE switch to C W-FSK; set VOLUME control to maximum clockwise stop. | Hold telegraph key closed and measure voltage across 300-ohm audio load | Meter reads not less than 3.9 volts rms. |
| 2 | Same as step 1. | Same as step 1, except set KILOCYCLES indicator to 11999. Resonate the power amplifier output circuit with XMTR PWR switch at LO and then at HI. | Same as step 1. | Same as step 1. |

CHAPTER 5

DEPOT MAINTENANCE

5-1. General

a. Instructions are included in this chapter that detail the adjustment, alignment, and bench checkout of the separate subassemblies of the receiver-transmitter before re-installation of these modules in the radio set following overhaul procedures. Several receiver-transmitter tests are included in this chapter that cannot be performed at lower echelon activities because of the peculiar test equipment requirements.

b. The trouble isolation sections of chapter 3 describe in detail the procedures necessary to isolate trouble within the modules and subassemblies of the receiver-transmitter. The general replacement techniques contained in paragraph 3-8 apply equally to the depot maintenance level.

CAUTION

Remove all power from Radio Receiver-Transmitter RT-671/PRC-47 before beginning any repair procedures.

5-2. Replacement of Parts

a. Parts removal and replacement techniques are described in paragraph 3-9 of this technical manual.

b. Removal and replacement of the plug-in modules and subassemblies of the receiver transmitter are provided in paragraph 3-12.

c. Module disassembly and reassembly techniques are listed in paragraph 3-13.

d. Mechanical subassemblies are disassembled and reassembled using the procedures detailed in paragraphs 3-15 through 3-19. No further special instructions are required in connection with these subassemblies and modules.

5-3. Equipment Adjustments

The following instructions detail complete module and subassembly electrical adjustments and calibrating procedures to assure that the receiver transmitter meets the performance requirements specified by the original procurement document.

5-4. Transmit Mixer Balance and Transmitter Gain Control Adjustment

(fig. 5-1)

a. Test Equipment and Material.

- (1) Spectrum Analyzer AN/UPM-110
- (2) Converter, Hewlett-Packard K15-8551B
- (3) Dummy Load DA-75/U
- (4) Attenuator (see fig. 5-1)
- (5) Multimeter ME-26A/U
- (6) Primary power source: 115-volt, 400-Hz, single-phase, 3 amp.

b. Test Conditions and Equipment Connections.

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 5-1. Do not connect ME-26A/U until instructed to do so.

(2) Connect the primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch on RT-671/PRC-47 to POWER ON. Permit the equipment to stabilize for at least 5 minutes before beginning the procedures listed in the chart below.

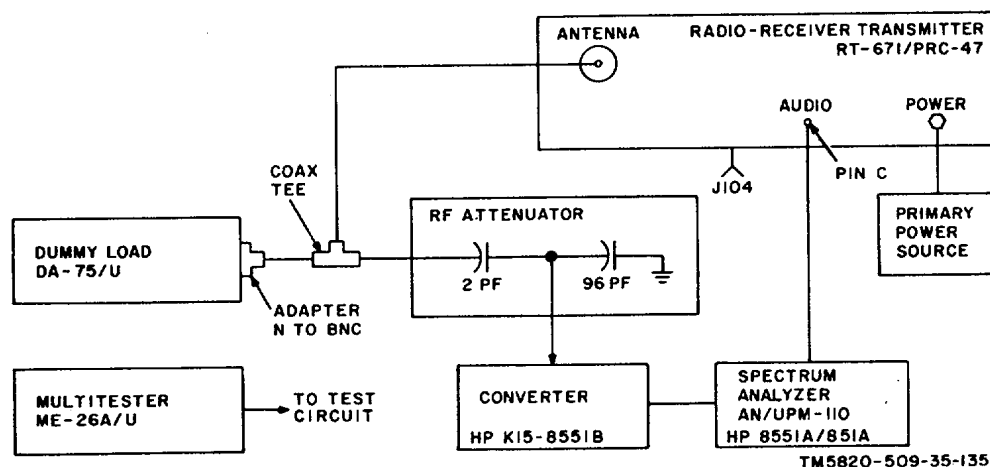


Figure 5-1. Transmit Mixer Balance and Transmitter Gain Control Adjustment, Equipment Setup.

c. Procedure.

(1) On the RT-671/PRC-47, set the KILOCYCLES indicator to 11000; place the CW-FSK/VOICE switch to VOICE, XMTR PWR switch to LO, and OPR-TUNE switch to OPR.

(2) Place the turns-counters of POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls to the settings recommended on the LOAD-TUNE chart on the front of the receiver-transmitter .

CAUTION

Before making the following measurements

and adjustments, resonate the **POWER AMPLIFIER TUNE** and **POWER AMPLIFIER LOAD** controls on the front of the receiver-transmitter for maximum deflection on the **XMTR OUTPUT** meter. Use the **OPR-TUNE** switch to control power amplifier plate power. **Do not permit the power amplifier to operate for more than a few seconds in the unloaded condition, serious damage to the equipment can result.**

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|---|--|--|---|
| 1 | Set spectrum analyzer to 11,000 kHz. | Resonate power amplifier with XMTR PWR switch at HI. | Adjust transmit mixer balance pot A3R150 (fig. 3 95). | Adjust for minimum analyzer reading. |
| 2 | Same as step 1 | Same as step 1 | Immediately return OPR TUNE switch to OPR. | Not applicable. |
| 3 | Set multimeter to RF VOLTS, and connect the rf probe to J104 (fig. 3 99). | Place OPR-TUNE switch again to TUNE | Adjust transmit gain control A3R148 (fig. 3-95) clockwise. | Continue to adjust until meter indication stops rising. |

5-5. Transmitter Hum Balance Adjustment

(fig. 5-2)

a. Test Equipment and Material.

- (1) Spectrum Analyzer AN/UPM-110
- (2) Converter. Hewlett-Packard K15-8551B
- (3) Dummy Load NA-75/U
- (4) Attenuator (see fig. 5-2).
- (5) Multimeter ME-26A/U
- (6) Audio Oscillator TS-382/U
- (7) Primary power source: 115-volt, 400-Hz, single-phase, 3 amp.

b. Test Conditions and Equipment Connections.

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 5-2. Do not connect ME-26A/U until instructed to do so.

(2) Connect the primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch on the RT-671/PRC-47 to POWER ON. Permit the equipment to stabilize for at least 5 minutes before beginning the procedures listed in the chart below.

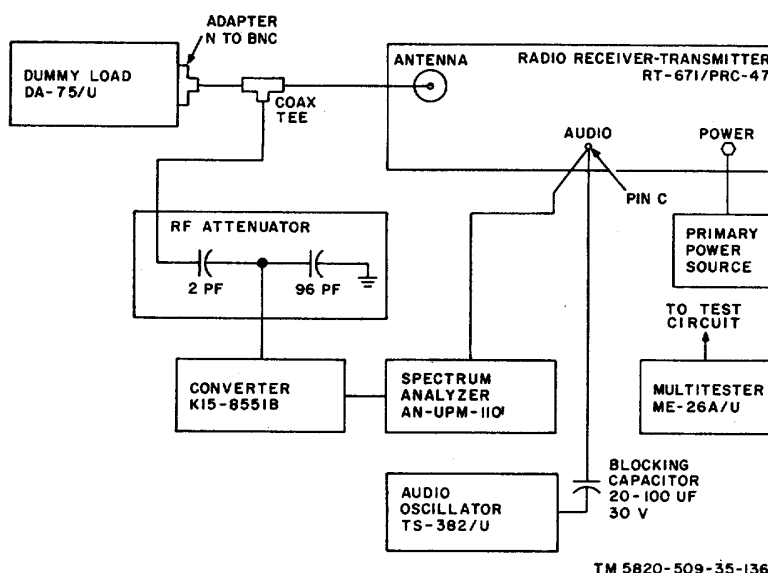


Figure 5-2. Transmitter Hum Balance Adjustment and modulation Fidelity Test, Equipment Setup.

c. Procedure.

(1) On the RT-671/PRC-47, set the KILOCYCLES indicator to 2400; place the CW-FSK/VOICE switch to VOICE, XMTR PWR switch to LO, and OPR-TUNE switch to OPR.

(2) Place the turns-counters of POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls to the settings recommended on the LOAD-TUNE chart on the front of the receiver-transmitter.

CAUTION

Before making the following measurements and adjustments, resonate the POWER AMPLIFIER TUNE and POWER AMPLIFIER

LOAD controls on the front of the receiver-transmitter for maximum deflection on the XMTR OUTPUT meter. Use the OPR-TUNE switch to control power amplifier plate power. Do not permit the power amplifier to operate for more than a few seconds at a time in the unloaded condition, serious equipment damage can result.

(3) After resonating the power amplifier plate circuit at the LO setting of XMTR PWR switch, place the XMTR PWR switch to HI and peak these controls again. Immediately return the OPR-TUNE switch to OPR

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|---|--------------------------------------|--|---|
| 1 | Adjust audio oscillator to 2800 Hz and set output level to 0.1 volts. | Place CW FSK/VOICE switch to CW-FSK. | Set spectrum analyzer to 2400 kHz and adjust hum balance potentiometer R121 (fig. 3-95). | Adjust R121 for minimum indication at 400 Hz. |
| 2 | | Return CW-FSK/VOICE switch to VOICE. | | |

5-6. Transmitter Modulation Fidelity Test

(fig. 5-2)

a. Test Equipment and Material.

- (1) Spectrum Analyzer AN/UPM-110
- (2) Converter, Hewlett-Packard K15-8551B
- (3) Dummy Load DA-75/U
- (4) Attenuator (see fig. 5-2)
- (5) Multimeter ME-26A/U

- (6) Audio Oscillator TS-382/U
- (7) Primary power source: 115-volt, 400-Hz, single-phase, 3 amp.

b. Test Conditions and Equipment Connections.

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as shown in figure 5-2. Do not connect ME-26A/U until instructed to do so.

(2) Connect the primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch on the RT-671/PRC-47 to POWER ON. Permit the equipment to stabilize for at least 5 minutes before beginning the procedures listed in the chart below.

c. Procedure.

(1) On the RT-671/PRC-47, set the KILOCYCLES indicator to 2400; place the CW. FSK/VOICE switch to VOICE, the XMTR PWR switch to LO, and the OPR-TUNE switch to OPR.

(2) Place the turns-counters of POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls to the settings recommended on the LOAD-TUNE chart on the front of the receiver-transmitter.

CAUTION

Before making the following measurements and adjustments, resonate the POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls on the front of the receiver-transmitter for maximum deflection on the XMTR OUTPUT meter. Use the OPR-TUNE switch to control power amplifier plate power. Do not permit the power amplifier to operate for more than a few seconds at a time in the unloaded condition, serious equipment damage can result.

(3) After resonating the power amplifier plate circuit at the LO setting of XMTR PWR switch place the XMTR PWR switch to HI and peel these controls again. Immediately return the OPR-TUNE switch to OPR.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|---|--------------------------------|---|---|
| 1 | Adjust audio oscillator to 1700 Hz and set output level to 0.1 volts. | Place OPR-TUNE switch to TUNE. | Adjust input attenuator on spectrum analyzer so that 1700 Hz tone is at 0 dB reference level. | Set 1700 Hz level for later reference. |
| 2 | Adjust audio oscillator to 300 Hz and set output level to 0.1 volts. | Same as step 1. | Read amplitude of 300 Hz tone on spectrum analyzer. | Not more than ± 6 dB from 1700 Hz value measured in step 1. |
| 3 | Adjust audio oscillator to 3000 Hz and set output level to 0.1 volts. | Same as step 1. | Read amplitude of 3000 Hz tone on spectrum analyzer. | Not more than ± 6 dB from 1700 Hz value measured in step 1. |

5-7. Transmitter Spurious Output Adjustments

(fig. 5-3)

a. Test Equipment and Material.

- (1) Spectrum Analyzer AN/UPM-110
- (2) Converter, Hewlett-Packard K15-8551B
- (3) Dummy Load DA-75/U
- (4) Attenuator (see figure 5-3)
- (5) Audio mixer unit (see figure 5-3)
- (6) Multimeter ME-26A/U
- (7) Audio Oscillator TS-382/U (2 required)
- (8) Primary power source; 115-volt, 400-Hz, single-phase, 3 amps.

b. Test Conditions and Equipment Connections.

(1) Connect the test equipment to Radio Receiver-Transmitter RT-671/PRC-47 as show' in figure 5-3. Do not connect the ME-26A/U until instructed to do so.

(2) Connect the primary power source to the receiver-transmitter.

(3) Turn on the test equipment and place the POWER-LIGHTS switch on the RT-671/PRC-4' to POWER ON. Permit the equipment to stabilize for at least 5 minutes before beginning the procedures listed in the chart below.

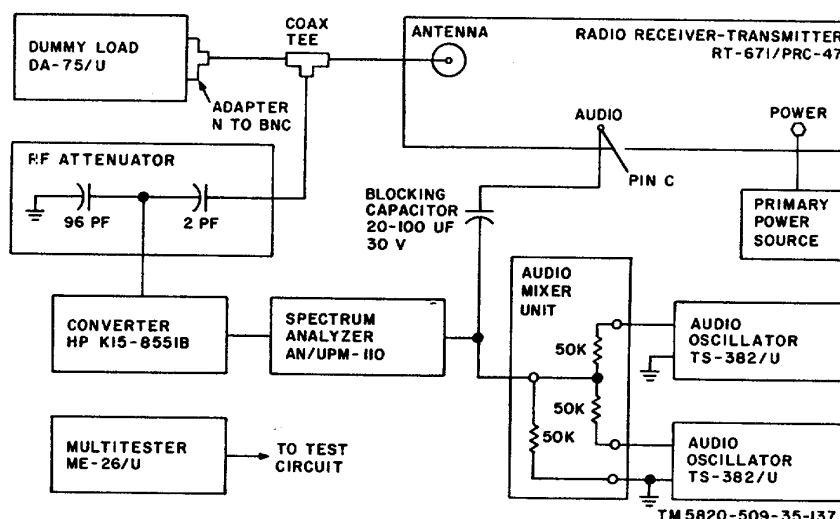


Figure 5-3 Transmitter Spurious Outputs Adjustment. Equipment Setup

c. Procedure.

(1) On RT-671/PRC-47, set the KILOCYCLES indicator to 2400; place the CW-FSK/VOICE switch to VOICE, the XMTR PWR switch to LO, and the OPR-TUNE switch to OPR.

(2) Place the turns-counters of POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls to the settings recommended on the LOAD-TUNE chart on the front of the receiver-transmitter.

CAUTION

Before making the following measurements and adjustments, resonate the POWER AMPLIFIER TUNE and POWER AMPLIFIER LOAD controls on the front of the receiver-transmitter for maximum deflection on the XMTR OUTPUT meter. Use the OPR-TUNE switch to control power amplifier plate power. Do not permit the power amplifier to operate

for more than a few seconds at a time in the unloaded condition, serious equipment damage can result.

(3) After resonating the power amplifier plate circuit at the LO setting of XMTR PWR switch, place the XMTR PWR switch to HI and repeat the peaking procedure.

(4) Return the OPR-TUNE switch to OPR.

(5) Adjust the spectrum analyzer to 2400 kHz; set the audio oscillators to 900 Hz and 2800 Hz respectively at an output level of 0.1 volts per tone.

NOTE

Adjust the driver bias between -30 and -55 volts dc and the power amplifier grid bias between -105 and -115 volts dc to obtain the minimum distortion products.

| Step | Test equipment settings | Radio control settings | Test procedures | Performance standards |
|------|---|---|---|---|
| 1 | | Place CW-FSK/VOICE switch to CW-FSK Switch to CW-FSK | Measure third-order distortion product above the passband (above 2404.6 kHz). | Not less than 30 dB down from peak envelope power output level. |
| 2 | | Same as step 1. | Measure third-order distortion product below the passband (below 2399.0 kHz). | Same as step 1. |
| 3 | Reduce output of 900-Hz Oscillator to zero. | Same as step 1. | Measure carrier amplitude (2400.0 kHz). | Not less than 40 dB down from peak envelope power output level. |
| 4 | Same as step 3. | Same as step 1. | Measure amplitude of 2800 Hz sideband that occurs below the carrier (2397.2 kHz). | Not less than 60 dB down from peak envelope power output level. |

CHAPTER 6

DEPOT OVERHAUL STANDARDS

Section I. GENERAL

6-1. Scope

This chapter contains the depot-level performance standards tests and defines the acceptable limits of operational performance for a repaired Radio Set AN/PRC-47. Section I contains general information applicable to the test procedures and test equipment, and includes construction details and schematic diagrams for special test fixtures required for bench test of modular subassemblies of the AN/PRC-47. Section II lists the performance tests and specific procedures to be conducted for the evaluation and adjustment of plug-in modules of the radio set. These tests are

conducted using the bench test facilities provided by the special test fixtures described in section I. Section II I tabulates the overall equipment performance tests indicated elsewhere in this technical manual, lists the overall equipment adjustments and alignment routines, and provides a table of final equipment standards of performance.

6-2. General

a. The following table provides a list of test equipment required for performance of these standards tests.

| <i>Test equipment</i> | <i>FSN</i> | <i>Technical manual</i> |
|---|---------------|-------------------------|
| Ac Ammeter, 0.5 amperes (Weston #904, or equal) | | |
| Ac Voltmeter, 10 mv to 15,000 mv 12500 volts dc insulation) | | |
| Audio Oscillator TS-382/U | 6625-246-8729 | TM 11-6625-935-12 |
| Cable Assembly Set AN/PRA-4 | 5995-973-3686 | |
| Coaxial Adapter, Tee UG-28A/U | | |
| Coaxial Adapter, Tee UG-274B/U | | |
| Dc Ammeter 0-1 ampere (Simpson #375. or equal) | | |
| Dc Ammeter 0-15 ampere (Simpson #375, or equal) | | |
| Distortion Analyzer TS-723/U | | |
| Frequency Counter AN/URM-79/U | | |
| Multimeter ME-26A/U | 6625-542-6407 | TM 11-6625-200-15 |
| Oscilloscope AN/USM-50 | | TM 11-5129 |
| Output Meter TS-585/U | | TM 11-5017 |
| Power Supply, 7 vdc 600 ma (Harrison 6203B, or equal) | | |
| Power Supply, 26 vdc, 500 ma (Harrison 6202B, or equal) | | |
| Power Supply, 26 vdc, 15 Amp. (Harrison 6434B, or equal) | | |
| Power Supply, 110 vdc, 5 ma. (Harrison 6207B, or equal) | | |
| Radar and Radio Repair Tool Kit TK-115/G | | |
| Receiver R-1433/UR | | |
| Resistance Decade Box MX-3991/V | | |
| Signal Generator SG-103/URM-25F (2 required) | | |
| Spectrum Analyzer AN/UPM-110 | | TM 11-6626-326-12 |
| Up-converter for AN /UPM - I 10 (Hewlett Packard K 15-855 1B) | | |
| Voltmeter ME-30A/U | | |

b. The following table lists the special tools and test fixtures required for performance standards tests

| <i>Special tool</i> | <i>FSN</i> | <i>Ref drawing</i> |
|--|---------------|--------------------|
| Gage. thickness (feeler) 0.002 to 0,020 | 5210-031-1504 | Fig. 6-1 |
| Gage, plug (depth) (u/w CV-1377A/PRC-47) | | Fig. 6-2 |
| Gage, overtravel 0.041.inch | | Fig. 6-3 |
| Output attenuator, 50: 1 | | Fig. 6-4 |
| Test fixture for AM-3506/PRC-47 | | Fig. 6-5 |
| Test fixture for AM-3507/PRC-47 | | Fig. 6-6 |
| Test fixture for CV-1377A/PRC-47 | | Fig. 6-7 |
| Indexing fixture for CV-1377A/PRC-47 | | Fig. 6-8 |
| Test fixture for PP-3518/PRC-47 | | Fig. 6-9 |
| Test fixture for 0-1032/PRC-47 | | Fig. 6-10 |
| Test fixture for C-4311/PRC-47 | | |

c. Suggested parts locations, parts lists and schematic diagrams for the test fixtures listed above are described in section III of this chapter. All pertinent construction details are shown for convenience.

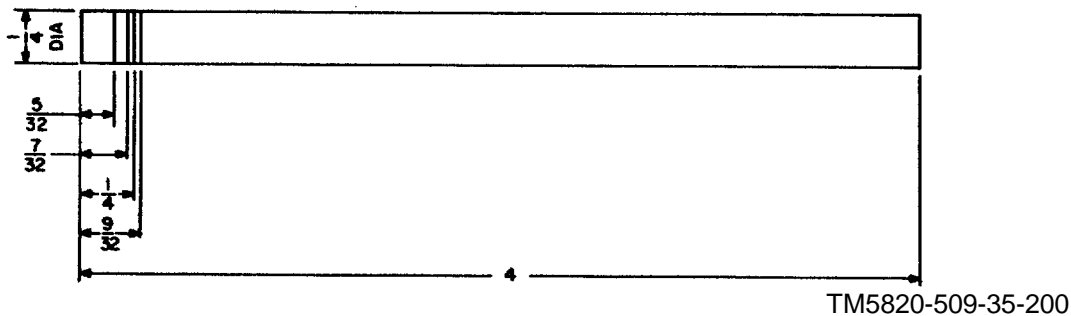


Figure 6-1. Plug Gage, Slug Adjustment

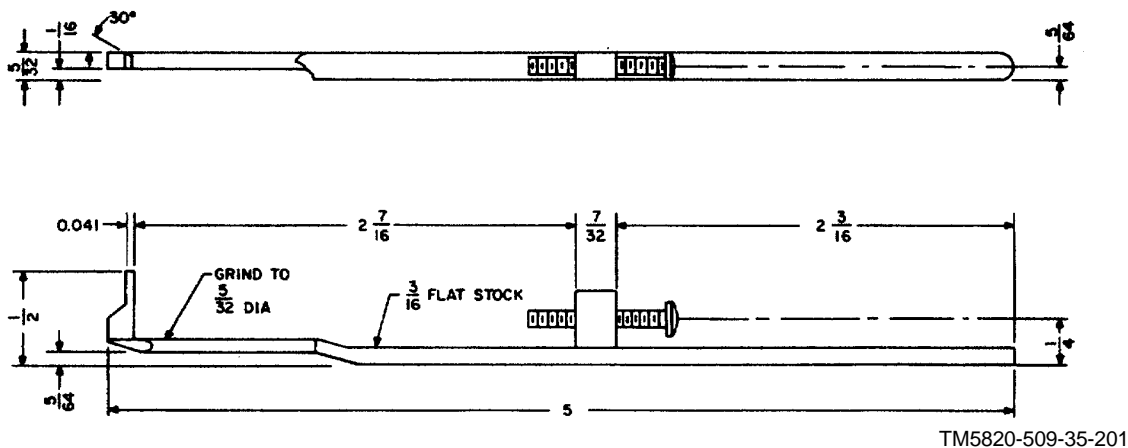


Figure 6-2. Gage, Overtravel. 0.041-inch.

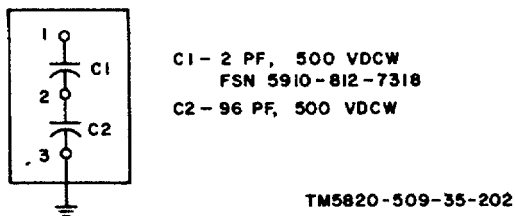


Figure 6-3. Output Attenuator, 50:1.

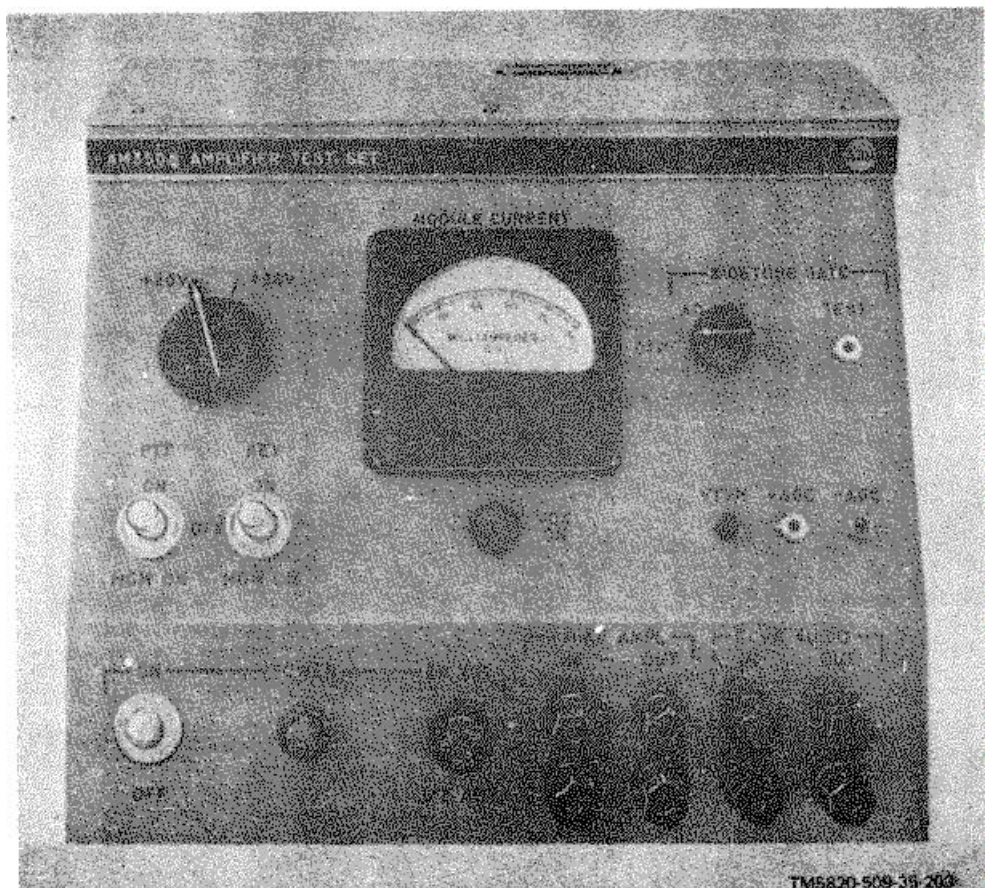


Figure 6-4. Test Fixture for AM-3506/PRC-47, Suggested Layout.

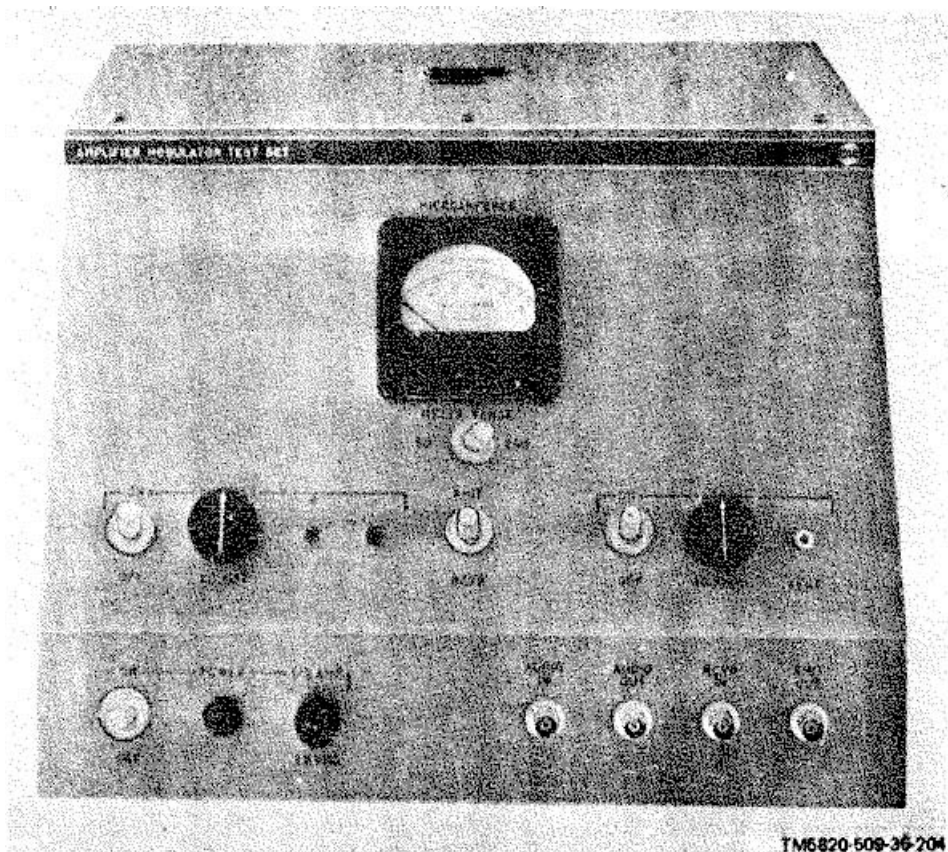


Figure 6-5. Test Fixture for AM-3507/PRC-47, Suggested Layout.

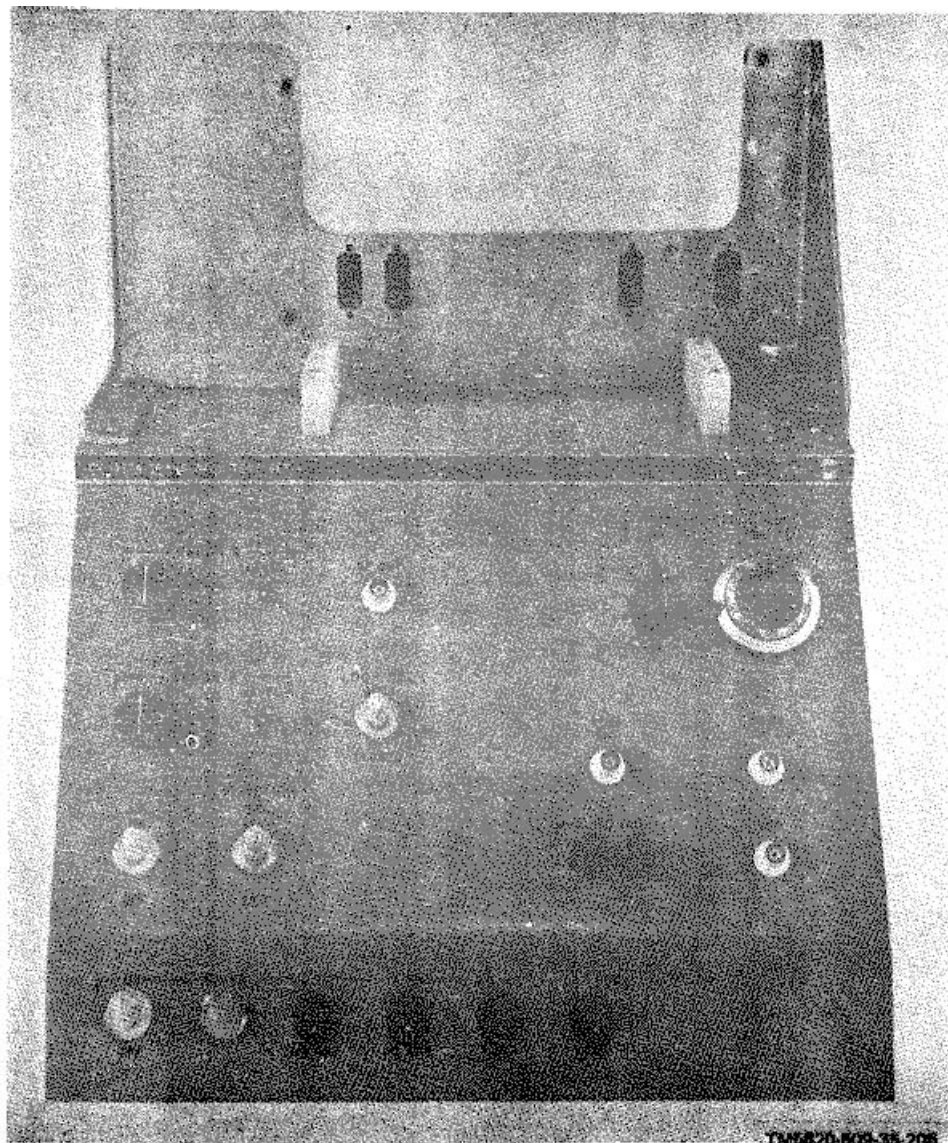


Figure 6-6. Test Fixture for CV-1377A/PRC-47, Suggested Layout.

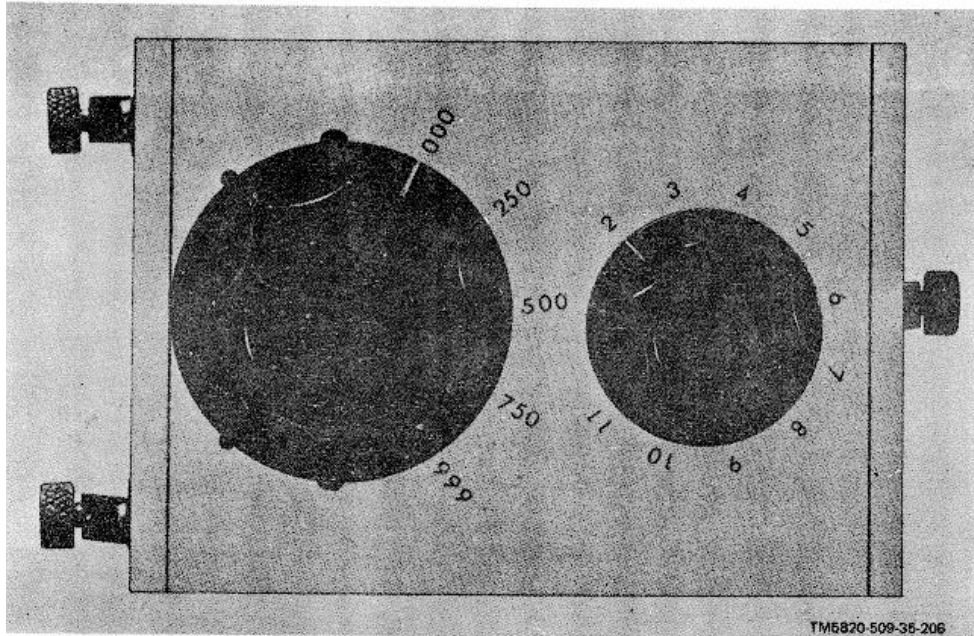


Figure 6-7. Indexing Fixture for CV 1377A/PRC, Suggested Layout.

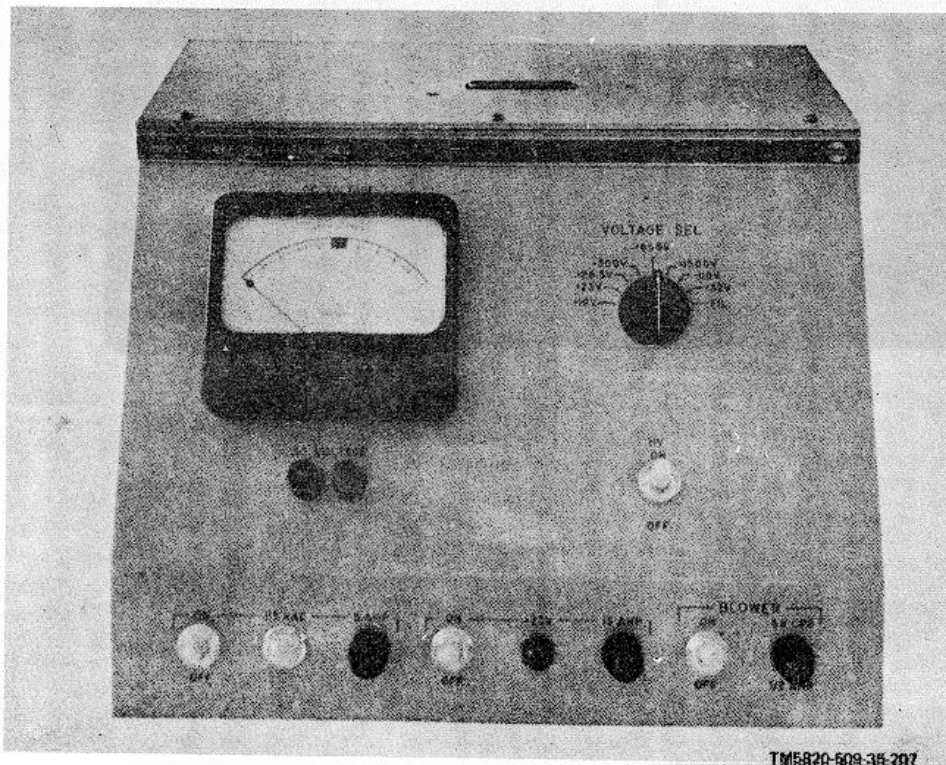


Figure 6-8. Test Fixture for PP-3518/PRC-47, Suggested Layout.

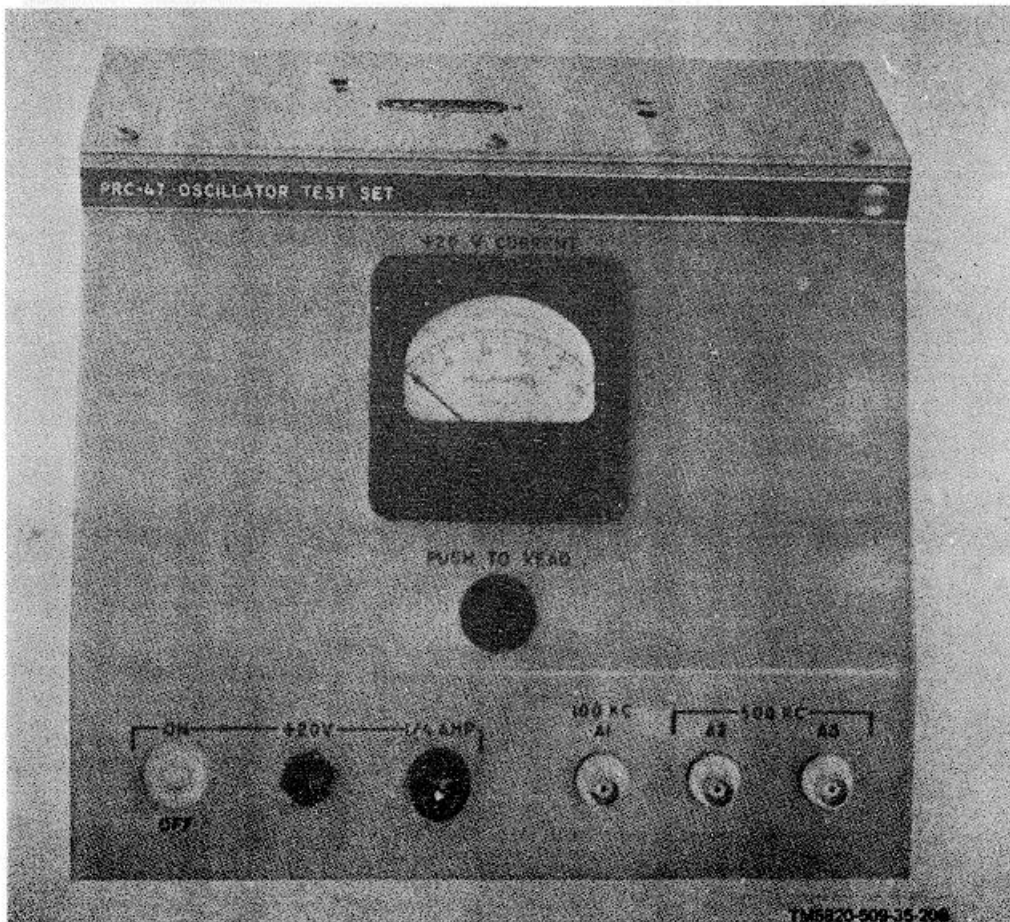


Figure 6-9. Test Fixture for O-1032/PRC-47, Suggested Layout.

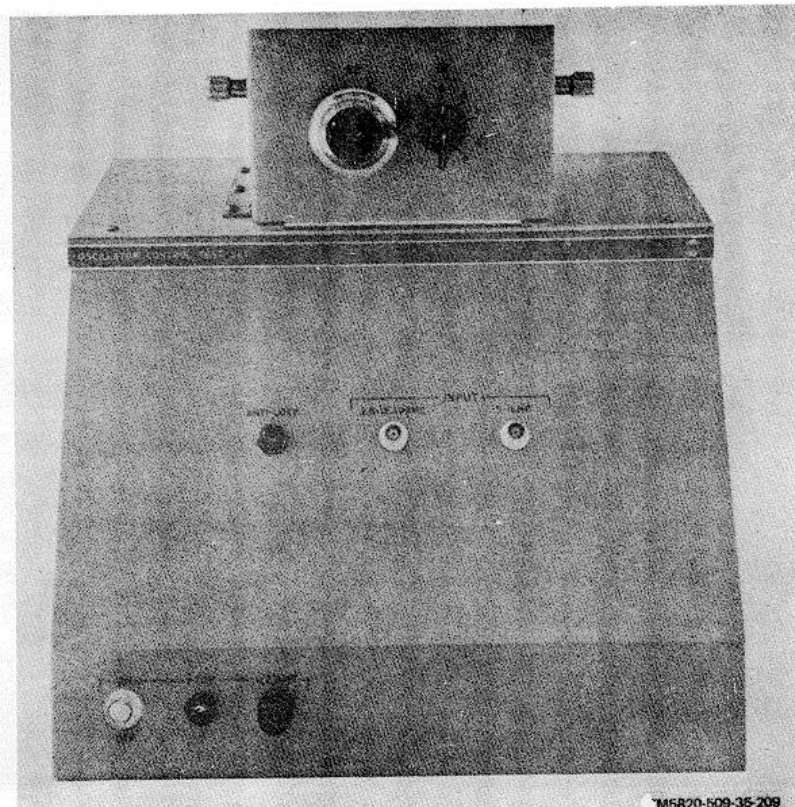


Figure 6-10. Test Fixture for C-4311/PRC-47, Suggested Layout.

6-3. Test Facilities

A primary power source of 115 volts, 400-Hz, single-phase alternating current at approximately 3.0 amperes, and a 26.6-volt direct current primary power source at approximately 16 amperes is required for these tests. In addition, normal test instrument primary power facilities (60- or 400- Hz) will be required. The test fixtures, or their equivalent, shown in figures 6-4 through 6-10, will be required.

6-4. Modification Work Orders

The performance standards listed in the following tests assume that all modification work orders (MWO's) have been performed. Consult DA Pam 310-7 for a list of MWO's for Radio Set AN/PRC-47.

6-5. Physical Tests and Inspection

Perform general inspection of all modular

subassemblies of the radio set to determine whether the defective circuit has been repaired. If doubt arises as to the completeness of the repair procedures, a limited number of performance standards tests will verify circuit performance.

6-6. Reference Standards Tests

The following reference standards tests are required to provide assurance that satisfactory operating parameters have been maintained or restored as a result of depot overhaul procedures. Each group of tests, performed on a specific modular subassembly, is conducted using the test fixture for that module together with the equipment configuration specified in the procedure. Certain initial conditions must be established before the performance tests and reference standards can be judiciously compared. Unless specified, all tests shall be performed in the order listed in the procedures to avoid ambiguity.

6-7. Tests to be Performed

a. *Audio Amplifier AM-3506/PRC-47*. The following tests must be performed using the test fixture for the AM-3506/PRC-47 (fig. 64). A schematic diagram, parts layout photographs and parts lists for this test fixture are included in section III.

- (1) Initial settings and adjustments.
- (2) Maximum output levels, receive mode.
- (3) Frequency response and distortion, receive mode.
- (4) AVC signal gate operation, receive mode.
- (5) Harmonic distortion and frequency response, transmit mode.
- (6) Frequency response at nominal output, transmit mode.
- (7) CW oscillator operation test.6-7.

b. *Amplifier-Modulator AM-3507/PRC-47*. The following tests must be performed using the test fixture for AM-3507/PRC-47 (fig. 6-5). A schematic diagram, parts layout photographs, and parts lists for this test fixture are included in section III.

- (1) Initial settings and adjustments.
- (2) Output, receive mode.
- (3) Distortion.
- (4) Selectivity.
- (5) Response, receive mode.

c. *Signal Data Translator CV-1377A/PRC-47*. The following tests are to be performed using the test fixture for CV-1377A/PRC-47 (fig. 6-6) together with the indexing fixture (fig. 6-7). Configuration drawings, parts layout photographs, parts lists and schematic diagrams for these test fixtures are included in section III.

- (1) Mechanical alignment.
- (2) 5- to 14-MHz ringer circuit alignment.
- (3) Oscillator output adjustment.
- (4) Oscillator alignment and tracking adjustment
- (5) Rf alignment, receive mode.
- (6) Rf alignment, transmit mode.
- (7) Oscillator control isolation amplifier test.

d. *Power Supply PP-3518/PRC-47*. The following tests must be performed using the test fixture for PP-3518/PRC-47 (fig. 6-8). A schematic diagram, parts layout photographs, and parts lists for this test fixture are included in section III.

- (1) Initial settings and adjustments.
- (2) Performance tests, 26.5-volts dc primary power source.

- (a) Input current.
- (b) Power amplifier plate voltage.
- (c) Power amplifier screen voltage.
- (d) Driver plate voltage.
- (e) Relay voltage.
- (f) Filtered low voltage.
- (g) Regulated voltage.
- (h) Filament voltage.
- (i) Power amplifier bias voltage.
- (j) Driver bias voltage.
- (k) Voltage regulator operation.

(3) Performance tests, 110-volts, 400-Hz primary power source.

- (a) Input current.
- (b) Relay voltage.
- (c) Filtered low voltage.
- (d) Regulated voltage.
- (e) Filament voltage.

e. *Radio Frequency Oscillator O-1032/PRC-47*. The following tests must be performed using the test fixture for O-1032/PRC-47 (fig. 6-9). A schematic diagram, parts layout photographs, and parts lists for this test fixture are included in section III.

- (1) Initial settings and adjustments.
- (2) Locked oscillator, divider, and output amplifier performance.
- (3) Locked oscillator Q4 and 500-kHz amplifier adjustments.
- (4) Locked oscillator Q8 and 100-kHz amplifier adjustments.
- (5) Final frequency calibration.

f. *Oscillator Control C-4311/PRC-47*. The following tests must be performed using the test fixture for the C-4311/PRC-47 (fig. 6-10). A schematic diagram, parts layout photographs, and parts lists for this test fixture are included in section III.

- (1) Pulse generator output.
- (2) 1.8- to 0.9-MHz ringer circuit alignment.
- (3) Crystal oscillator alignment.
- (4) 601- to 600-kHz filter test.
- (5) 550- to 750-kHz filter test.
- (6) Frequency discriminator test.
- (7) Error voltage balance adjustment.
- (8) Anti-lock test.
- (9) SMO mixers test.

6-8. Reference Standards

The following chart lists the reference standards procedures and the expected result or standard value.

| Section | Action required | Reference standard |
|-----------------|---|--|
| AM -3506/PRC-47 | <ol style="list-style-type: none"> 1. Make initial settings and adjustments. 2. Record maximum output levels, receive mode. 3. Record frequency response and distortion, receive mode. 4. Record AVC signal gate operating level. 5. Measure input level and record harmonic distortion and frequency response below the clipping and compression threshold levels. 6. Record frequency response at nominal output level. 7. Record operation of CW oscillator | <ol style="list-style-type: none"> 1. <ol style="list-style-type: none"> (a) Set R54 for 1 watt output. (b) Set R27 for 3.5 volts p-p at MIKE AMPL OUT jack. (c) Set R40 so that VOX ON lamp lights. (d) Set R46 for 20 volts pep at RX AUDIO OUT jack. Waveshape is symmetrical. 2. <ol style="list-style-type: none"> (a) At RX AUDIO OUT jack, not less than 1 watt (18 volts rms across 300 ohms). (b) At +AGC jack, not less than +14 volts dc. (c) At -AGC jack, more negative than -5.5 volts dc. 3. <ol style="list-style-type: none"> (a) Frequency response. shall not vary more than ± 3 dB from the 1700 Hz value in range from 300 to 3000-Hz. (b) Distortion shall be no more than 8% in range from 300 to 3000-Hz. (c) +AGC jack, not less than 7.0 volts dc in range from 300 to 3000 Hz. (d) -AGC jack, not less than -3.0 volts dc in range from 300 to 3000 Hz. 4. + AGC jack, not more than 0.5 volts dc. 5. <ol style="list-style-type: none"> (a) Input level not more than 0.015 volts rms At 1700 Hz for sinusoidal output. (b) Harmonic distortion shall not exceed 5% from 300. to 3000. Hz. (c) Frequency response shall not vary more than ± 2.5 dB from the 1700 Hz value in the range from 300- to 3000-Hz. 6. Frequency response shall not vary more than ± 2.0 dB from the 1700 Hz value in the range from 300 To 3000.Hz 7. <ol style="list-style-type: none"> (a) MIKE AMPL OUT jack, 3.5 volts peak-to-peak. (b) MIKE AMPL OUT jack, 800 ± 50 Hz. (c) No clicks or chirps heard in loudspeaker. (d) VOX ON lamp lights. |
| AM-3507/PRC-47 | <ol style="list-style-type: none"> 1. Make initial settings and adjustments. 2. Perform output test, receive mode. 3. Record distortion in audio pass. band. 4. Record selectivity 5. Record frequency response. receive mode. | <ol style="list-style-type: none"> 1. <ol style="list-style-type: none"> (a) Set C15, C17, L6, L7, and T3 for maximum at AUDIO OUT jack. (b) Select value of R14, if necessary. to obtain 0.5 volts rms at XMTR OUT jack. (c) Set R5 and C35 for minimum carrier leakage at XMTR OUT jack. 2. Read signal generator output necessary to produce 0.1 volt rms at AUDIO OUT jack. shall not exceed 200 microvolts. 3. <ol style="list-style-type: none"> (a) Read AUDIO OUT jack. not more than 5% from 497.0 to 499.7 kHz. (b) Oscilloscope at AUDIO OUT shows no spikes or ripple with 0.05 volt input signal and AGC switch on. 4. The frequency difference between -60 dB points in the pass band shall not be more than 6.0 kHz. 5. Frequency response shall not vary more than 3 db above, nor 4 dB below the reference value at 498.3 kHz in the range from 497.0 to 499.7 kHz. |
| CY-1377A/PRC 47 | <ol style="list-style-type: none"> 1. Perform mechanical alignment. 2. Align 5- to 14-MHz ringer circuit. | <ol style="list-style-type: none"> 1. <ol style="list-style-type: none"> (a) Set slugs of L1 L2. and L3 to a depth of 7/32 from bottom of coil form. (b) Set slug of L4 to depth of 5/32 from bottom of coil form. (c) Set slug of L5 to depth of 1/4 from bottom of coil form. (d) Set slug of L145 to depth of 9/32 from bottom of coil form. 2. Set C248. C250. C252. C254. C256, C258. C260, C262, C264 and C266 At 1-MHz increments for maximum output at 5 to 14 MHz jack. Must Be at least 0.9 volt peak to-peak. |

| Section | Action required | Reference standard |
|----------------|--|---|
| PP-3518/PRC-47 | <ol style="list-style-type: none"> 3. Record oscillator output. 4. Align and track oscillator. 5. Align and adjust receive rf circuit a. 6. Align and adjust transmit rf circuits. 7. Record oscillator control isolation amplifier output. 1. Perform initial settings and adjustments. 2. Record fully loaded primary input current using 23.0 volts dc input voltage. 3. Record all power supply output voltages and the ripple content of each with 23.0 volts dc primary input power. 4. Record fully loaded primary input current using 110 volts, 400-Hz primary power source. 5. Record all power supply output voltages and the ripple content of | <ol style="list-style-type: none"> 3. Output at midpoint of slug rack for each band, not less than 1.0 volt rms at VFO jack. 4. (a) Set inductors L125 through L144 to obtain calibration within ± 1 kHz at each end of all bands. (b) Record tracking deviation at 000, 250, 500, 750 and 999 on the slug rack control for each band. Maximum deviation not more than ± 12 kHz. 5. Peak inductors L7-L16, L22-L31, L37-L46, and L52 L61 for maximum if. output. Level shall not be less than 0.04 volt rms at each .5-MHz increment of all bands. 6. Peak inductors L5, and L67 to L76 for maximum rf output. Level shall be between 30 and 300 millivolts rms. 7. (a) VFO jack, not less than 1.0 volt rms at 2.0 MHz. (b) VFO jack, not less than 1.0 volt rms at 12.0 MHz. 1. (a) DC VOLTAGE meter reads in +18V, +23V, and +26.5V positions of VOLTAGE SEL switch with HV ON-OFF switch at OFF. (b) DC VOLTAGE meter reads in all positions except FIL of VOLTAGE SEL switch with HV ON/OFF switch at ON. Ac voltmeter reads approximately 6.3 volts rms in FIL position of VOLTAGE SEL switch. (c) Set potentiometer A5R22 to $+ 19.0 \pm 0.4$ volts dc at test point A5J8. (d) Set potentiometer A5R3 to -110 ± 5.5 volts dc at test point A5J2. (e) Set potentiometer A5R4 to -32 ± 1.6 volts dc at test point A5J1. 2. Dc ammeter reads not more than 12.5 amperes. 3. (a) PA plate voltage: In red portion of DC VOLTAGE meter; ripple less than 3.75 volts rms. (b) PA screen voltage: In red portion of DC VOLTAGE meter; ripple less than 1.5 volts rms. (c) Driver plate voltage: In red portion of DC VOLTAGE meter; ripple less than 0.20 volt rms. (d) Relay voltage: In red portion of DC VOLTAGE meter. (e) Filtered low voltage: In red portion of DC VOLTAGE meter; ripple less than 0.075 volt rms. (f) Regulated voltage: In red portion of DC VOLTAGE meter; ripple less than 0.01 volt rms. Range of adjustment from 18.0 to 20.0 volts dc; set to 19.0 ± 0.4 volts. (g) Filament voltage: 6.0 to 6.3 volts peak on oscilloscope. (h) PA bias voltage: Set to -110 ± 1.0 volts; ripple less than 0.10 volt rms. Driver bias voltage: Set to -32.0 ± 0.5 volts; ripple less than 0.05 volt rms. (j) Voltage regulator operation: Output from 18.5 to 19.5 volts dc as input is varied from 22.0 to 28.0 volts dc 4. Ac ammeter reads not more than 3.0 amperes with ac mains between 97.8 and 112.2 volts at 380 to 420 Hz. 5. (a) Relay voltage: In red portion of DC VOLTAGE meter. |

| Section | Action required | Reference standard |
|----------------|--|--|
| O-1032/PRC-47 | <p>each with 110 volts, 400-Hz primary power source.</p> <ol style="list-style-type: none"> 1. Perform initial settings and adjustments. 2. Record output of 3.0 MHz subassembly. 3. Record locked oscillator Q4 bandwidth, and 500-kHz amplifier output levels. 4. Record locked oscillator Q8 bandwidth, and 100-kHz amplifier output levels. 5. Record final oscillator frequency. | <ol style="list-style-type: none"> (b) Filtered low voltage: In red portion of DC VOLTAGE meter; ripple less than 0.075 volt rms. (c) Regulated voltage: In red portion of DC VOLTAGE meter; ripple less than 0.01 volt rms Range of adjustment from 18.0 to 20.0 volts dc set at 19.0 +0.4 volts. (d) Filament voltage: 6.9 to 6.5 volts rms on ac voltmeter. <ol style="list-style-type: none"> 1. (a) At A6J2, read 17.6 ± 1.0 volts dc. (b) Read 35.0 ± 6.0 ma on the 20V CURRENT mater. 2. Not less than 0.3 volt rms 3. (a) Q4 stable from 2.9 to 3.1 MHz. (b) Output at A6J3, 1.5 ± 0.2 volts rms (c) Output at A6J4, 1.5 ± 0.2 volts rms. 4. (a) Q8 stable from 2.9 to 3.1 MHz. (b) Output at A6J1, 1.5 ± 0.4 volts rms 5. At A6J3, output frequency is $5000,000.00 \pm 0.05$ Hz. |
| C-4311/PRC-47' | <ol style="list-style-type: none"> 1. Record pulse generator output. 2. Record 1.8- to 0.9-MHz. 3. Align and adjust crystal oscillator output. 4. Record output of 600 - 700-kHz filter. | <ol style="list-style-type: none"> 1. (a) 100 kHz sinewave input is 1.81 ± 0.5 volts p*p and pulse width is 0.3 ± 0.1 us (b) 500 kHz input is 1.5 volts p-p (c) 1-MHz pulse output is 6.0 ± 2.5 volts p-p and fall tune is 0.1 ± 0.03 us. (d) Adjust capacitor C15 for minimum ripple on 1. MHz pulse. 2. Output volts at 1.8 - 0.9 MHz test point must not be less than: At 1.8 MHz, 2.3 volts p-p. At 1.7 MHz, 3.4 volts p-p. At 1.6 MHz, 4.3 volts p-p. At 1.5 MHz, 3.4 volts p-p. At 1.4 MHz, 2.8 volts p-p. At 1.3 MHz, 2.6 volts p p. At 1.2 MHz, 2.8 volts p-p. At 1.1 MHz, 3.6 volts p-p. At 1.0 MHz, 3.3 volts p-p. At 0.9 MHz, 3.3 volts p-p. 3. (a) Set output of Q21 to $3.707 \text{ MHz} \pm 1.0$ Hz. (b) Set output at A7J1 with S2 at 00 for each position of bandswitch S1 within ± 1 Hz: S1 at 0, 700.0 kHz S1 at 1, 699.0 kHz S1 at 2, 698.0 kHz S1 at 3, 697.0 kHz S1 at 4, 696.0 kHz S1 at 5, 695.0 kHz S1 at 6, 694.0 kHz S1 at 7, 693.0 kHz S1 at 8, 692.0 kHz S1 at 9, 691.0 kHz (c) Set output at A7J1 with S1 at 0 for each position of bandswitch S2 within ± 1 Hz: S2 at 1, 690.0 kHz S2 at 2, 680.0 kHz S2 at 3, 670.0 kHz S2 at 4, 660.0 kHz S2 at 6, 650.0 kHz S2 at 6, 640.0 kHz S2 at 7, 630.0 kHz S2 at 8, 620.0 kHz S2 at 9, 610.0 kHz 4. At A7J1, 0.9 to 1.3 volts pep, at each setting of S1 and S2. |

| Section | Action required | Reference standard |
|---------|---|---|
| | 5. Record output of 560 - 750-kHz filter. 6. Record frequency discriminator operation. 7. Adjust error voltages. 8. Verify successful antilock circuit operation. 9. Record SMO mixer output. | 5. At A7J4, from 575- to 725-kHz, 0.6 to 1.0 volt pep; at 650 and 775 kHz, 0.7 volts p-p. maximum, and at 500 and 800 kHz, 0.2 volts pep maximum. 6. (a) At A7J5, not less than 4.0 volts dc from 650 to 700 kHz; A7J6 not more than 1.5 volts for same frequencies. At A7J5, not more than 1.6 volts dc from 700 to 750 kHz; A7J6 not less than 4.0 volts for same frequencies. (b) At A7J5, not less than 4.0 volts dc from 600 to 650 kHz; A7J6 not more than 1.5 volts for same frequencies. At A7J5, not more than 1.5 volts dc from 660 to 700 kHz; A7J6 not less than 4.0 volts for same frequencies. (c) At A7J5, not less than 4.0 volts dc from 560 to 600 kHz; A7J6 not more than 1.5 volts for same frequencies. At A7J5, not more than 1.5 volts dc from 600 to 650 kHz; A7J6 not less than 4.0 volts for same frequencies. 7. Select R144 to provide balanced 10 kHz modulation levels at the output circuits of Q9 and Q12. 8. ANTI-LOCK lamp operates satisfactory and A7J4 reads 1.05 volts pep. 9. At A7J4, 1.5 ± 0.4 volts pep throughout tuning range of equipment. |

Section II. PERFORMANCE TESTS

6-9. General

This section contains the tests and performance data required to determine whether the repaired equipment meets the original performance requirements established for Radio Set AN/PRC-47.

6-10. Audio Frequency Amplifier AM-3506/PRC-47 (A8A1)

(Fig. 7-15)

a. Test Equipment and Material.

- (1) Audio Oscillator TS-382/U
- (2) Distortion Analyzer TS-723/U
- (3) Frequency Counter AN/URM-79/U
- (4) Loudspeaker LS-166/U (or Headset H233)

from AN /PRC -47

- (5) Multimeter ME-26A/U
- (6) Oscilloscope AN/USM-50
- (7) Output Meter TS-585/U
- (8) Power Supply (24 volts dc!, Harrison 6202B, or equal
- (9) Power Supply (-7 volts dc), Harrison 6203B or equal
- (10) Test fixture for AM-3506/PRC-47 (fig. 6-4)
- (11) Voltmeter ME-30A/U

b. Test Conditions and Equipment Connections.

CAUTION

Before connecting the power supplies to the test fixture, set their output voltages to 24.0 ± 2.0 volts and -7.0 ± 0.5 volts respectively. Then return the power on-off switch to off until instructed to apply primary power to them.

(1) Connect the audio oscillator, frequency counter, output meter and the two power supplies to the test fixture as shown in figure 6-11. (The connections for the remaining test equipment are detailed in the appropriate procedural steps below.

(2) Remove the dust cover from the module, set all potentiometers to mid-range (full turns from either end), and carefully insert the module into connector J1 on the test fixture.

(3) Apply primary power to all test equipment and turn on the power control switch of each unit. Immediately adjust the output of the 24 volts power supply to 24.0 ± 0.5 volts dc and then place the POWER switch of the test fixture to ON.

(4) Place the +20 V - +24 V switch to the +20 V position and observe that the MODULE CURRENT meter reads approximately 25 ma. Place the switch to +24 V and note the MODULE CURRENT indication is approximately 55 ma.

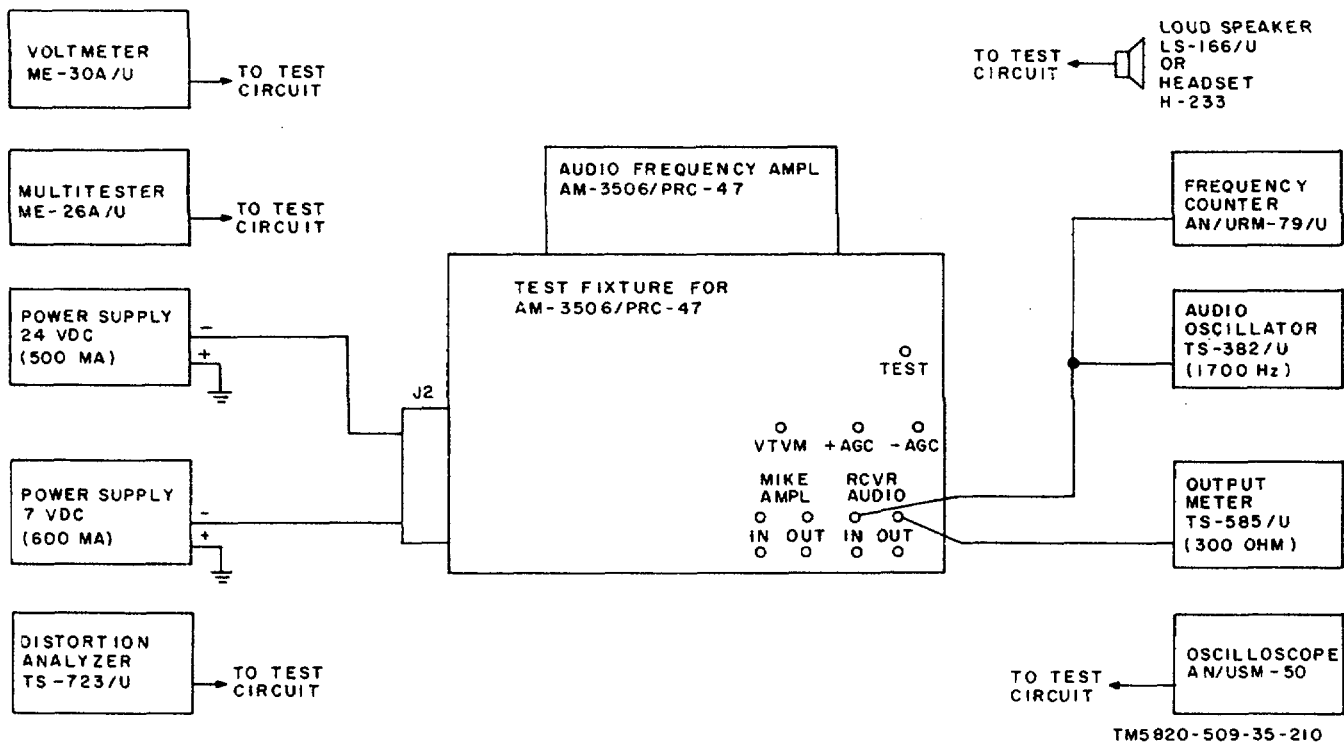
(5) Adjust the output of the -7 volts power supply using the SIDETONE GATE TEST jack (J3) and the SIDETONE GATE ADJUST control on the test fixture. The reading at J3 must be set to -7.0 ± 0.2 volts dc. Then place the power control switch on the -7 volts power supply to off.

(6) Permit the test equipment and the module to stabilize for at least 5 minutes before beginning the following procedures.

(7) Set the IMPEDANCE switch on the output meter to 300 OHMS, and adjust the meter multiplier for 5000 milliwatts full scale.

NOTE

Perform the initial adjustments and each of the following tests in the order listed to avoid erroneous test results or maladjustment of the module gain settings.



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Figure 6-11. Audio Frequency Amplifier AM-3506/PRC-47 (A8A 7) Performance Tests, Initial Test Equipment Connections

c. Initial Settings and Adjustments.

(1) Set the audio oscillator output frequency to 1700 Hz and adjust the output level to 0.1 volt rms at RCVR AUDIO IN jacks (38 and J14).

(2) Observe the output meter and adjust receiver gain control R54 (fig. 3-94) until the meter reads 1.0 watt output (18.0 volts rms) at RCVR AUDIO OUT jacks (J7 and J13).

(3) Move the audio oscillator and the frequency counter to MIKE AMPL IN jacks (J5 and J11). reset the output level of the audio oscillator to 0.1 volt rms at 1700 Hz, if necessary.

(4) Connect the oscilloscope to MIKE AMPL OUT jacks (J6 and J12). Place the PTT switch of the test fixture to ON and adjust microphone amplifier gain control R27 (fig- 3-94) until a deflection of 3.5 volts peak-to-peak is observed on the oscilloscope.

(5) Reduce the output level of the audio oscillator to 0. Reset it to 0.010 ± 0.002 volt rms at MIKE AMPL IN jacks (J5 and J11) and adjust potentiometer R40 (fig. 3-94) until the VOX ON lamp (DS2) on the test fixture lights

(6) Move the oscilloscope input to RCVR AUDIO OUT jacks (J7 and J13). Energize the -7 volts dc power supply and reset SIDETONE GATE ADJUST control for -7.1 ± 0.1 volts dc at SIDETONE GATE TEST jack (J3), if necessary. Increase the output level of the audio oscillator to 0.1 volt rms at 1700 Hz.

(7) Adjust potentiometer R46 (fig. 3-94) until an oscilloscope deflection of 20 volts peak-to-peak is observed. Be sure that the waveshape is symmetrical (not clipped).

d. Maximum Output Levels, Receive Mode.

(1) Turn off the -7 volts dc power supply by

placing SIDETONE GATE ADJUST control to OFF. Move the audio oscillator and frequency counter to RCVR AUDIO IN jacks (J8 and J14). Slowly increase the level of the 1700 Hz tone until clipping is noted on the oscilloscope display.

(2) Measure the level at RCVR AUDIO OUT jacks (J7 and J13), using the output meter. The reading must not be less than 1 watt in 300 ohms (18 volts rms).

(3) Measure the voltage at +AGC jack (J10) with the multimeter. The reading must not be less than +14.0 volts dc.

(4) Measure the voltage at -AGC jack (J9) with the multimeter. The reading must be more negative than -5.5 volts dc.

e. Frequency Response and Distorsion, Receive Mode.

(1) Connect the distortion analyzer to RCVR AUDIO OUT jacks (J7 and J13) together with the output meter.

(2) Set the audio oscillator output frequency to 300 Hz and adjust the level at RCVR AUDIO IN jacks (J8 and J14) to 0.1 volt rms.

(3) Record the audio output (in dB) and the harmonic distortion (in %) that are present at RCVR AUDIO OUT jacks (J7 and J13). Record the +AGC voltage at J10 and the -AGC voltage at J9.

(4) Repeat steps (2) and (3) with the oscillator output frequency set to 1000 1700 and 3000 Hz.

NOTE

Be sure that the audio level at RCVR AUDIO IN jacks (J8 and J14) are maintained at 0.1 volt when the test frequency is adjusted.

(5) The frequency response shall not vary more than ± 3 dB from the value recorded at 1700 Hz.

(6) The harmonic distortion shall not exceed 8 % at any frequency.

(7) The +AGC voltage shall not be less than +7.0 volts dc at any frequency.

(8) The -AGC voltage must be more negative than -3.0 volts dc at any frequency.

f. AVC Signal Gate Operation, Receive Mode.

(1) Set the SIDETONE GATE ADJUST control to obtain 7.0 + 0.1 volts at SIDETONE GATE TEST jack (J3).

(2) Connect the audio oscillator and frequency counter to RCVR AUDIO IN jacks (J8 and J14), and adjust the output level to 0.1 volt at 1700 Hz.

(3) Note that the voltage at +AGC jack (J10) decreases to not more than 0.5 volts dc and the VOX ON lamp (DS2) lights when the KEY switch is placed ON.

NOTE

If the VOX ON lamp fails to light, adjust R40 (and R27, in extreme cases) until it lights.

(4) Return the KEY switch to OFF and place the SIDETONE GATE ADJUST control to OFF.

g. Harmonic Distortion and Frequency Response, Transmit Mode.

(1) Move the audio oscillator and frequency counter to MIKE AMPL IN jacks (J5 and J11) and adjust the oscillator output frequency to 1700 Hz.

(2) Place the PTT switch to ON and observe the waveform at MIKE AMPL OUT jacks (J6 and J12) with the oscilloscope. Increase the level of the audio oscillator output until clipping occurs on the waveform. Reduce the output of the audio oscillator until the clipping disappears.

(3) The voltage measured at MIKE AMPL IN jacks (J5 and J11) must not exceed 0.015 volt rms.

(4) Maintain the level measured in step (3), and record the frequency response and harmonic distortion at 300, 1000, 1700 and 3000 Hz.

(5) The frequency response shall not vary more than ± 2.5 dB from the value recorded at 1700 Hz.

(6) The harmonic distortion shall not exceed 5 % at any frequency.

h. Frequency Response at Nominal Output, Transmit Mode.

(1) Connect the audio oscillator and frequency counter to MIKE AMPL IN jacks (J5 and J11) and adjust the output level to 0.1 volt rms at 1700 Hz.

(2) Maintain this output level and measure the frequency response at 300, 1000, 1700, and 3000 Hz.

(3) The frequency response shall not vary more than +2.0 dB from the value measured at 1700 Hz.

i. CW Oscillator Operation Test.

(1) Disconnect the audio oscillator from the test fixture. Connect the oscilloscope, frequency counter, and loudspeaker (or headset) to MIKE AMPL OUT jacks (J6 and J12). Place the PTT switch to OFF.

(2) Place the KEY switch on the test fixture to ON and record the voltage at MIKE AMPL OUT jacks (J6 and J12). The output voltage shall not be less than 3.5 volts peak-to-peak.

(3) Record the output frequency at jacks J6

and J12. The cw oscillator output frequency shall be 800 ± 50 Hz.

(4) Operate the KEY switch between the MOM ON and OFF positions and observe the waveshape on the oscilloscope and listen to the output tone in the loudspeaker. The tone must be free from chirps and clicks, and the waveform shall display no sharp transients.

(5) When the KEY switch is held ON, the VOX ON lamp lights.

6-11. Amplifier-Modulator AM-3507/PRC-47 (A8A2)

(fig. 7-10)

a. Test Equipment and Material.

- (1) Audio Oscillator TS-382/U
- (2) Converter (for spectrum analyzer), Hewlett-Packard K15-8551B
- (3) Distortion Analyzer TS-723/U
- (4) Frequency Counter AN /URM -79/U
- (5) Multimeter ME-26A/U
- (6) Oscilloscope AN/USM-50
- (7) Power Supply (24 volts dc), Harrison 6202B, or equal

(8) Power Supply (-110 volts dc), Harrison 6207B, or equal

- (9) Resistance Decade Box MX-3991/V
- (10) Signal Generator SG-103/URM-25F
- (11) Spectrum Analyzer AN/UPM-110
- (12) Test fixture for AM-3507/PRC-47 (fig. 6-5)

(13) Voltmeter ME 30A/U

b. Test Conditions and Equipment Connections.

CAUTION

Before connecting the power supplies to the test fixture, set their output voltages to 26.0 ± 2.0 volts and -110 ± 5 volts respectively. Then return the power on-off switches to the off position until instructed to apply primary power to them.

(1) Connect the test instruments to the test fixture as shown in figure 6-12. (The connections for the remaining test equipment are detailed in the appropriate procedural steps below.)

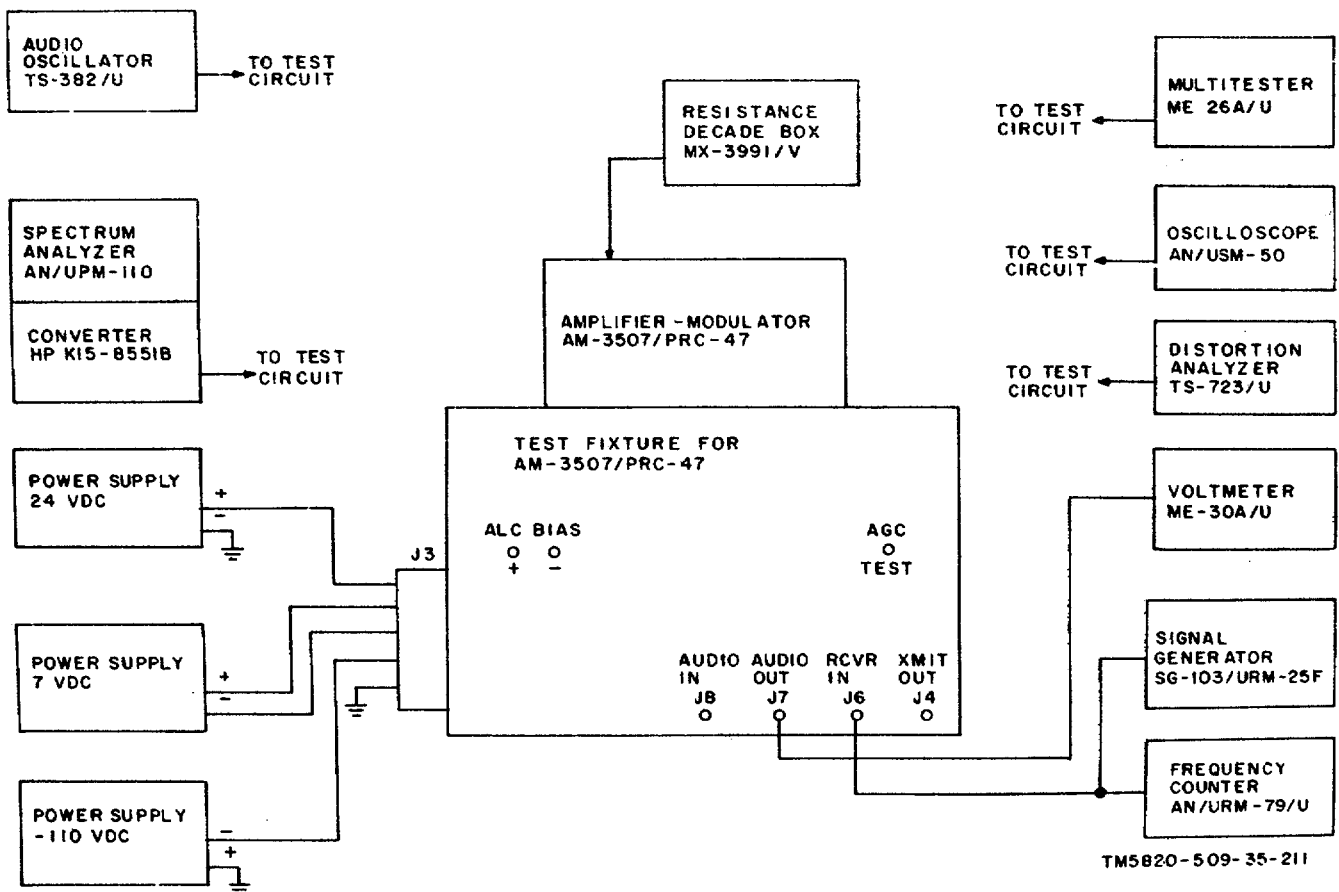


Figure 6-12. Amplifier-Modulator AM 3507/PRC-47 (A8A2), Performance Tests, Initial Test Equipment Connections.

(2) Remove the dust cover from the module, and plug it into the test fixture.

(3) Apply primary power to all test instruments and turn on each of the units. Immediately adjust the output of the 24 volts power supply to 20.0 ± 1.0 volts, the output of the 7 volts power supply to 6.0 ± 0.5 volts, and the output of the 110 volts power supply to -110 ± 3.5 volts dc.

(4) Place the POWER switch on the test fixture to ON, the AGC and ALC BIAS switches to OFF, the XMIT-RCVR switch to RCVR and the METER RANGE switch to 200. Permit the test equipment and the module to stabilize for at least 5 minutes before beginning the following procedures.

NOTE:

Perform the initial adjustments and each of the following tests in the order listed to avoid erroneous test results or maladjustment of the module alignment.

e. Initial Settings and Adjustments.

(1) Set the signal generator to 498.3 kHz (cw operation) and adjust the output level to 100 microvolts at RCVR IN jack (J6) Connect the voltmeter to AUDIO OUT jack (J7) and adjust C15, C17, L6, L7, and T3 for maximum output. Record this output reading in dB for reference below.

(2) Slowly vary the signal generator output frequency between 497.0 and 499.7 kHz and observe the point at which minimum output occurs. The minimum audio output level at J7 shall not be more than 3 dB below the reading recorded in step (1) above.

NOTE

If the minimum audio output level is greater than 3 dB below the maximum output level observed in step (1), set the signal generator to this frequency. Then readjust C15 and C17 to increase the output until it meets the performance standard. Repeat steps (1) and (2) to verify.

(3) Place the XMIT-RCVR switch on the test fixture to XMIT (the AGC and the ALC BIAS switches remain OFF); connect the voltmeter and spectrum analyzer converter to the XMIT OUT jack.

(4) Connect the audio oscillator to AUDIO IN jack (J8) Set the output frequency to 2800 Hz and adjust the output level to 1.25 volts rms.

(5) Adjust transformer T2 (fig. 3-7) and inductor L4 to obtain a maximum indication on the voltmeter at XMIT OUT jack (J4).

(6) Set the audio oscillator output frequency to 1700 Hz and adjust the level at AUDIO IN jack (J8) to 1.25 volts rms. If the voltmeter reads 0.5 ± 0.1 volt rms at XMIT OUT jack (J8) continue to step (9) If not, perform steps (7) and (8)

(7) Connect the resistance decade box at the eyelets normally used to attach R14 (fig. 3-20), after removing R14. Set the selector knobs on the decade box to 3900 OHMS.

(8) Repeat step (6) and adjust the resistance settings of the-resistance decade box until the voltmeter reading specifies) is obtained. Select a suitable resistance and install it in the module at the eyelets from which the original R14 was removed.

NOTE

Repeat step (6) after installation of the replacement R14 to verify that proper output is indeed available at XMIT OUT jack (J4).

(9) Adjust capacitor C35 and potentiometer R5 on the module to minimize the carrier indication on the spectrum analyzer.

NOTE

If capacitor C35 is adjusted to either limit, select a new value for shunting capacitor C36 that permits an intermediate setting. Repeat step (9), if necessary.

d. Output, Receive.

(1) Place the XMIT-RCVR switch on the test fixture to RCVR (the AGC and ALC BIAS switches remain OFF).

(2) Disconnect the audio oscillator and the spectrum analyzer converter from the test fixture and connect the voltmeter to AUDIO OUT jack (J7)

(3) Connect the signal generator and frequency counter to RCVR IN jack (J6) and set the signal generator output frequency to 498.3 kHz.

(4) Adjust the output level of the signal generator until the voltmeter reads 0.1 volt rms; then move the voltmeter to RCVR IN jack (J6) and measure the output level of the signal generator. The level at J6 shall not be greater than 200 microvolts.

e. Distortion, Receive.

(1) The AGC and ALC BIAS switches remain OFF and the XMIT-RCVR switch remains in the RCVR position.

(2) Verify that the signal generator output frequency is 498.3 kHz and that the output is connected to RCVR IN jack (J6).

(3) Adjust the output level of the signal generator until the voltmeter reads 0.1 volt rms at AUDIO OUT jack (J7)

(4) Place the AGC switch to ON and set AGC ADJUST control for a voltmeter reading of 0.05 volt rms at AUDIO OUT jack (J7).

(5) Connect the distortion analyzer to AUDIO OUT jack (J7) and observe that the harmonic distortion does not exceed 5 %.

(6) Repeat steps (2) through (4) except adjust the signal generator output frequency to 497.0 kHz. Repeat with signal generator output frequency set to 499.7 kHz. The harmonic distortion observed shall not exceed 5 % at either frequency.

(7) Disconnect the distortion analyzer and connect the oscilloscope at AUDIO OUT jack (J7).

(8) Increase the output of the signal generator to 0.05 volt rms and vary the signal generator output frequency between 497 and 500 kHz.

(9) There shall be no spikes or ripple on the audio signal and no sudden increase in output level indicated on the oscilloscope trace.

f. Selectivity, Receive.

(1) Place the AGC and ALC BIAS switches to OFF and the XMIT-RCVR switch to RCVR. Verify that the voltmeter is connected to AUDIO OUT jack (J7)

(2) Verify that the signal generator output frequency is set to 498.3 kHz and that the voltmeter reads 0.1 volt rms.

(3) Move the voltmeter to RCVR IN jack (J6) and increase the signal generator output level by 60 dB. Return the voltmeter to AUDIO OUT jack (J7) and vary the signal generator output frequency below 498.3 kHz until the voltmeter again reads 0.1 volt rms. Record the signal generator frequency.

(4) Adjust the signal generator output frequency above 498.3 kHz until the voltmeter again reads 0.1 volt rms. Record the signal generator output frequency. The difference between the frequency obtained in step (4) and the frequency obtained in step (3) shall not be greater than 6.0 kHz.

g. Frequency Response, Receive.

(1) Reduce the signal generator output and reset the output frequency to 498.3 kHz. Adjust the output level of the signal generator until the voltmeter reads 0.1 volt rms.

(2) Adjust the signal generator to 497.0 kHz and record the output (in dB) with reference to 0 dB for the voltmeter reading in step (1).

(3) Adjust the signal generator to 499.7 kHz

and record the output (in dB) with reference to 0 dB for the voltmeter reading in step (1). The output level shall not increase more than 3 dB above the reference in step (1), nor decrease more than 4 dB below that reference at 497.0 and 499.7 kHz.

6-12. Signal Data Translator CV-1377A/PRC-47 (A8A3)

(fig. 7-11)

a. Test Equipment and Material.

- (1) Gauge, overtravel 0.041-in. (fig. 6-2)
- (2) Gauge, plug (depth) (fig. 6-1)
- (3) Gauge, thickness 0.02 to 0.020-in. (FSN 5210-031- 1504)
- (4) Frequency Counter AN/URM-78/U
- (5) Multimeter ME-26A/U
- (6) Oscilloscope AN/USM-50
- (7) Power Supply (24 volts dc) Harrison 6202B (2 required)
- (8) Power Supply 1110 volts dc), Harrison 6207 B.
- (9) Receiver R-1433/UR 6-6).
- (10) Signal Generator SG-103/URM-25F.
- (11) Test Fixture for CV-1377A/PRC-47 (fig. 6-7).
- (12) Test Fixture, indexing (fig. 6-7).
- (13) Voltmeter ME-30A/U.

b. Test Conditions and Equipment Connections

CAUTION

Before connecting the power supplies to the test fixture, set their output voltages to 14.0 ± 2.0 volts, 26.5 ± 2.0 volts, and -110 ± 5 volts dc respectively. Then return the power on-off switches to the off position until instructed to apply primary power to them.

(1) connect the test instruments to the test fixture as shown in figure 6-13. (The connections for the remaining test equipment are detailed in the appropriate procedural step below.)

(2) Before placing the CV-1377A/PRC-47 into the test fixture, remove the top and bottom covers from the module. Perform the mechanical alignment procedures (step c) if the slug rack or its associated inductors have been replaced.

(3) Place all switches on the test fixture to OFF and all of the controls to zero.

(4) Apply power to all test equipment and turn on each of them. Place the test fixture POWER ON-OFF switch to ON and reset the output of the power supplies to 19.0 ± 1.0 volts dc at connector J 1-3, 26.5 ± 1.5 volts dc at connector J 1-4, and -110 ± 3.5 volts dc at connector J5-E.

(5) Measure the output voltage at connector J3-1 and set potentiometer R6 of the test set to obtain- 35 ± 1.0 volts dc.

(6) Place the AVC ON-OFF switch of the test fixture to ON and measure the output voltage at connector J3-4. Set potentiometer R8 on the test fixture to obtain-2.2 volts dc.

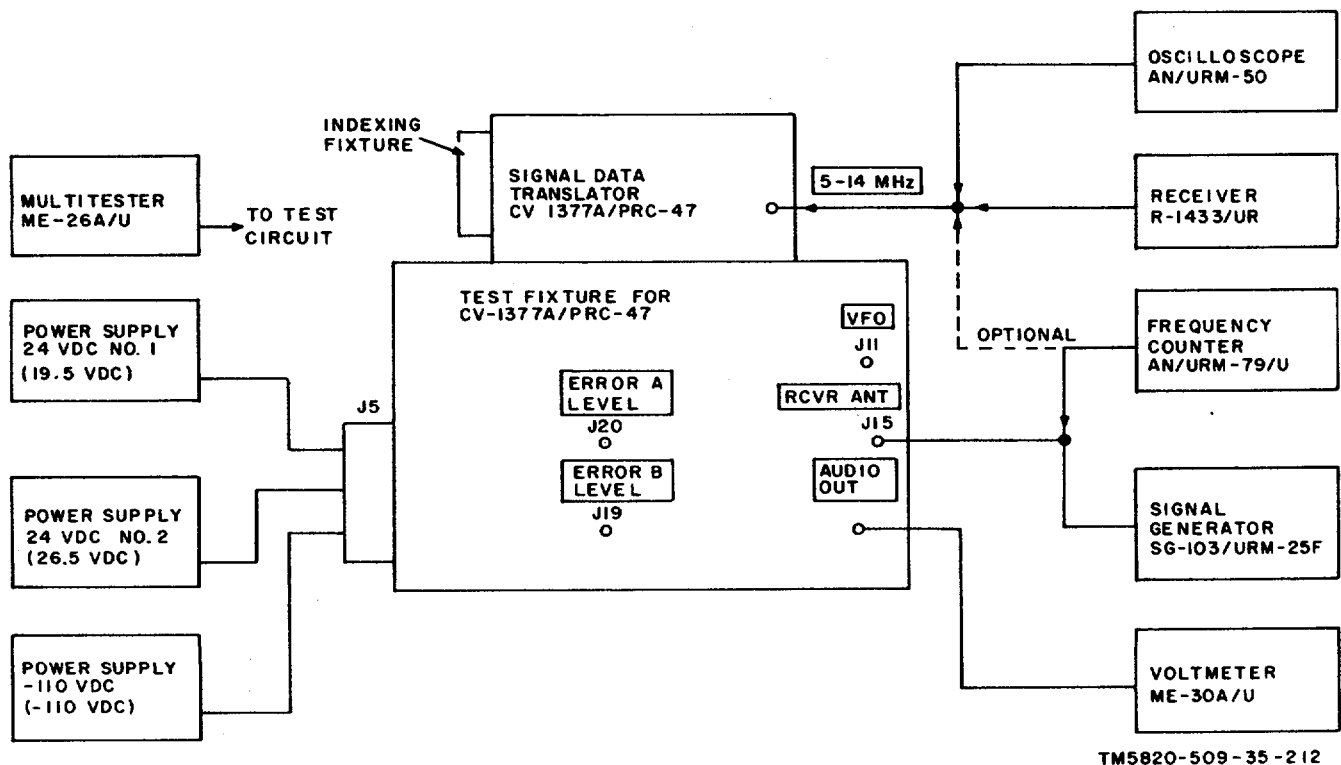
(7) After performing the mechanical alignment procedures of step c, replace the bottom cover on the CV-1377A/PRC-47, attach the indexing fixture to the drive coupling end of the module with the three knurled thumbscrews.

Place the test fixture POWER ON-OFF switch to OFF and install the module in the test fixture.

(8) Return the test fixture POWER ON-OFF switch to ON and permit the module and the test equipment to stabilize for at least 5 minutes before performing the remaining procedures.

NOTE

If the mechanical alignment procedure was performed in (7) above, proceed directly to step d and perform the remaining procedures in the order listed.



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Figure 6-13. Signal Data Translator CV-1377A/PRC - 47 (A8A3), Performance Tests, Initial Test Equipment Connections.

c. *Mechanical Alignment.* This procedure is performed with the module disconnected from the test fixture. The bottom cover must be loosened and removed to provide access to the inductor slugs. Refer to figures 3-41, 3-96 through 3-98, and 3-105 for the location of adjustments referred to in these procedures.

(1) Using multimeter ME-26A/U, check the internal resistance between connector P3-3 and ground, and between P3-4 and ground; each reading shall be $100 \text{ ohms} \pm 10 \%$

(2) Attach the 0.041" overtravel tool to the slug rack. With the control on the indexing fixture set for 000 (slugs fully inserted in their respective coils), adjust L1, L2, and L3 (fig. 3-96) to a depth of 7/32-inch

from the bottom of the coil form (second ring on plug gage (fig. 6-1)).

(3) Set the slug of coil L4 to a depth of 5/32inch from the bottom of the coil form (first ring on plug gage), and set L5 slug to a depth of 1/4-inch from the bottom of the coil form (third ring on the plug gage). Set the slug of coil L145 to a depth of 9/32 inch (fourth ring on the plug gage).

(4) Remove the 0.041" overtravel tool from the slug rack, install the bottom cover of the module, and install the module in the test fixture.

NOTE

Return to paragraph 6-12 b (7) and

continue the procedures after performing the remaining initial setup instructions.

d. 5- to 14- MHz Ringer Circuit Alignment.

(1) Connect the oscilloscope and receiver (or frequency counter) and the multimeter rf probe to the 5-14 MHz tip jack at the right side of the upper shelf of the test fixture.

(2) Set the switch on the indexing fixture (fig. 6-7) to 2, and the slug rack control to 000 position.

(3) On the test fixture, place the POWER ON-OFF switch to ON, the FUNCTION SEL switch to RCVR, the AVC switch to ON, the LOOP SEL switch to CLOSED, and OSC CONT switches to 0 and 00.

(4) Adjust capacitor C248 (fig. 3-97) to provide a 5.000 MHz reading on the receiver (or frequency counter) Set the oscilloscope sweep rate to 1.0 microseconds/cm. and readjust capacitor C248 for minimum 1-MHz ripple (amplitude modulation) on the oscilloscope wavetrain. The remaining 5.0 MHz wavetrain amplitude shall be not less than 0.9 volts peak-to-peak.

(5) Rotate the switch on the indexing fixture to 3 and set the receiver to 6.0 MHz.

(6) Adjust capacitor C250 to provide a 6.000 M Hz reading on the receiver (or frequency counter). Readjust capacitor C250 for minimum 1-MHz ripple on the oscilloscope wavetrain. The remaining 6.0 MHz wavetrain amplitude shall not be less than 0.9 volts peak-to-peak.

(7) Rotate the switch on the indexing fixture to 4 and set the receiver to 7.0 MHz.

(8) Adjust capacitor C252 to provide a 7.000 MHz reading on the receiver (or frequency counter). Readjust capacitor C252 for minimum 1-MHz ripple on the oscilloscope wavetrain. The remaining 7.0 MHz wavetrain amplitude shall not be less than 0.9 volt peak-to-peak.

(9) Rotate the switch on the indexing fixture to 5 and set the receiver to 8.0 MHz.

(10) Adjust capacitor C254 to provide an 8.000 MHz reading on the receiver (or frequency counter). Readjust capacitor C254 for minimum 1-MHz ripple on the oscilloscope wavetrain. The remaining 8.0 MHz wavetrain amplitude shall not be less than 0.9 volt peak-to-peak.

(11) Rotate the switch on the indexing fixture to 6 and set the receiver to 9.0 MHz.

(12) Adjust capacitor C256 to provide a 9.000 MHz reading on the receiver (or frequency counter). Readjust capacitor C256 for minimum 1-MHz ripple on the oscilloscope wavetrain. The remaining 9.0 MHz wavetrain amplitude shall not be less than 0.9 volt peak-to-peak.

(13) Rotate the switch on the indexing fixture to 7 and set the receiver to 10.0 MHz.

(14) Adjust capacitor C258 to provide a 10.000 MHz reading on the receiver (or frequency counter). Readjust capacitor C258 for minimum 1-MHz ripple on the oscilloscope wavetrain. The remaining 10.0 MHz wavetrain amplitude shall not be less than 0.9 volt peak-to-peak.

(15) Rotate the switch on the indexing fixture to 8 and set the receiver to 11.0 M Hz.

(16) Adjust capacitor C260 to provide an 11.000 MHz reading on the receiver (or frequency counter). Readjust capacitor C260 for minimum 1-MHz ripple on the oscilloscope wavetrain. The remaining 11.0 MHz wavetrain amplitude shall not be less than 0.9 volt peak-to-peak.

(17) Rotate the switch on the indexing fissure to 9 and set the receiver to 12.0 MHz.

(18) Adjust capacitor C262 to provide a 12.000 MHz reading on the receiver (or frequency counter). Readjust capacitor C262 for minimum 1-MHz ripple on the oscilloscope wavetrain. The remaining 12.0 MHz wavetrain amplitude shall not be less than 0.9 volt peak-to-peak.

(19) Rotate the switch on the indexing fixture to 10 and set the receiver to 13.0 MHz.

(20) Adjust capacitor C264 to provide a 13.000 MHz reading on the receiver (or frequency counter). Readjust capacitor C264 for minimum 1-MHz ripple on the oscilloscope wavetrain. The remaining 13.0 MHz wavetrain amplitude shall not be less than 0.9 volt peak-to-peak.

(21) Rotate the switch on the indexing fixture to 11 and set the receiver to 14.0 M Hz.

(22) Adjust capacitor C266 to provide a 14.000 MHz reading on the receiver (or frequency counter). Readjust capacitor C266 for minimum 1-MHz ripple on the oscilloscope wavetrain. The remaining 14.0 MHz wavetrain amplitude shall not be less than 0.9 volt peak-to-peak.

e. Oscillator Output Test

(1) Rotate the indexing fixture switch (fig. 67) to 2, and set the slug rack control to 500.

(2) On the test fixture, set the LOOP SEL switch to CLOSED, place OSC CONTROL switch S1 to 0, and set OSC CONTROL switch S2 to 50.

(3) Connect the multimeter rf probe to the test fixture VFO jack.

(4) Read the multimeter; then rotate the switch on the indexing fixture to 3, and the OSC CONTROL switch S1 to 1 and read the multimeter again. Continue the simultaneous advancement of the indexing fixture switch and the OSC CONTROL switch S1 throughout their range. The multimeter reading shall not be less than 1.0 volt at any band position.

f. Oscillator Alignment and Tracking Adjustment.

(1) On the test fixture, place the POWER ON-OFF switch to OFF and the LOOP SEL switch to OPEN.

(2) Remove the module from the test fixture and adjust capacitor C344 (fig. 3-98) to its mechanical midpoint.

(3) Return the test fixture POWER ON-OFF switch to ON and adjust ERROR A ADJ and ERROR B ADJ controls to provide 1.0 ± 0.05 volt dc at test points J19 and J20. Record the voltage at each of these test points.

(4) Again place the test fixture POWER ON-OFF switch to OFF and install the module in the test fixture.

(5) With the multimeter connected to J19, close the test fixture POWER ON-OFF switch to ON and note that the ERROR B LEVEL does not change more than ± 0.1 volt from the reading recorded in step (3).

(6) Move the multimeter to J20 and observe that ERROR A LEVEL does not change more than ± 0.1 volt from the reading recorded in step (3).

(7) Adjust the receiver to 2.500 MHz and loosely couple the receiver antenna to the VFO jack on the test fixture. (The frequency counter may be connected to the test fixture VFO jack as an alternate method.)

(8) On the indexing fixture (fig. 6-7), set the switch to 2, and rotate the slug rack control to 000 position.

(9) Adjust inductor L135 (fig. 3-105) until the vfo output is $2,500 \pm 1$ kHz.

(10) Rotate the slug rack control on the indexing fixture to the 999 position and adjust inductor L125 (fig. 3-96) until the vfo output is $3,500 \pm 1$ kHz.

(11) Repeat steps (9) and (10) until both frequency settings are within the ± 1 kHz limit specified.

(12) On the indexing fixture, set the switch to 3 and rotate the slug rack control to 000. Adjust inductor L136 (fig. 3-105) until the vfo output is $3,500 \pm 1$ kHz.

(13) Rotate the slug rack control on the indexing fixture to the 999 position and adjust inductor L126 (fig. 3-96) until the vfo output is $4,500 \pm 1$ kHz

(14) Repeat steps (12) and (13) until both frequency settings are within the ± 1 kHz limit specified.

(15) On the indexing fixture, set the switch to 4 and rotate the slug rack control to 000. Adjust inductor L137 (fig. 3-105) until the vfo output is $4,500 \pm 1$ kHz.

(16) Rotate the slug rack control on the indexing fixture to the 999 position and adjust inductor L127 (fig. 3-96) until the vfo output is $5,500 \pm 1$ kHz.

(17) Repeat steps (16) and (17) until both frequency settings are within the ± 1 kHz limit specified.

(18) On the indexing fixture, set the switch to 5 and rotate the slug rack control to 000. Adjust inductor L138 (fig. 3-96) until the vfo output is $5,500 \pm 1$ kHz.

(19) Rotate the slug rack control on the indexing fixture to the 999 position and adjust inductor L128 (fig. 3-105) until the vfo output is $6,500 \pm 1$ kHz.

(20) Repeat steps (18) and (19) until both frequency settings are within the ± 1 kHz limit specified.

(21) On the indexing fixture, set the switch to 6 and rotate the slug rack control to 000. Adjust inductor L139 (fig. 3-96) until the vfo output is $6,500 \pm 1$ kHz.

(22) Rotate the slug rack control on the indexing fixture to the 999 position and adjust inductor L129 (fig. 3-105) until the vfo output is $7,600 \pm 1$ kHz.

(23) Repeat steps (21) and (22) until both frequency settings are within the ± 1 kHz limit specified.

(24) On the indexing fixture, set the switch to 7 and rotate the slug rack control to 000. Adjust inductor L140 (fig. 3-96) until the vfo output is $7,500 \pm 1$ kHz.

(25) Rotate the slug rack control on the indexing fixture to the 999 position and adjust inductor L130 (fig. 3-105) until the vfo output is $8,600 \pm 1$ kHz.

(26) Repeat steps (24) and (25) until both frequency settings are within the ± 1 kHz limit specified.

(27) On the indexing fixture, set the switch to 8 and rotate the slug rack control to 000. Adjust inductor L141 (fig. 3-96) until the vfo output is $8,500 \pm 1$ kHz.

(28) Rotate the slug rack control on the indexing fixture to the 999 position and adjust inductor L131 (fig. 3-105) until the vfo output is $9,500 \pm 1$ kHz.

(29) Repeat steps (27) and (28) until both frequency settings are within the ± 1 kHz limit specified.

(30) On the indexing fixture, set the switch to 9 and rotate the slug rack control to 000. Adjust

inductor L142 (fig. 3-96) until the vfo output is $9,500 \pm 1$ kHz.

(31) Rotate the slug rack control on the indexing fixture to the 999 position and adjust inductor L132 (fig. 3-105) until the vfo output is $10,500 \pm 1$ kHz.

(32) Repeat steps (30) and (31) until both frequency settings are within the ± 1 kHz limit specified.

(33) On the indexing fixture, set the switch to 10 and rotate the slug rack control to 000. Adjust inductor L143 (fig. 3-105) until the vfo output is $10,500 \pm 1$ kHz.

(34) Rotate the slug rack control on the indexing fixture to the 999 position and adjust inductor L133 (fig. 3-96) until the vfo output is $11,500 \pm 1$ kHz.

(35) Repeat steps (33) and (34) until both frequency settings are within the ± 1 kHz limit specified.

(36) On the indexing fixture, set the switch to 11 and rotate the slug rack control to 000. Adjust inductor L144 (fig. 3-105) until the vfo output is $11,500 \pm 1$ kHz.

(37) Rotate the slug rack control on the indexing fixture to the 999 position and adjust inductor L134 (fig. 3-96) until the vfo output is $12,500 \pm 1$ kHz.

(38) Repeat steps (36) and (37) until both frequency settings are within the ± 1 kHz limit specified.

(39) Without further adjustment to the inductors mentioned above, record the oscillator output frequencies for each setting of the band switch and the slug rack control on the indexing fixture. The maximum allowable deviation from the desired oscillator output is ± 12 kHz within any one band.

NOTE

If the frequency deviates more than this amount from the desired value, tracking correction is necessary. If the majority of the bands is high (or low) at the 500 position of the slug rack control, adjust C344 (fig. 3-98). If C344 fails to compensate for tracking error, replace one or more of the capacitors (C299, C301, C303, C305, C307, C309, C311, C313, C315 or C317) in the shunt coil assemblies. The low frequency end of bands 3 through 11 (M Hz) can be raised or lowered to a maximum deviation of ± 8 kHz to assist in tracking at mid-band. Do not adjust the low -frequency end of the 2.0 M Hz band.

g. Rf Alignment, Receive Mode

(1) On the test fixture, place the FUNCTION SEL switch to RCVR, the LOOP SEL switch to CLOSED, and then place the POWER ON-OFF switch to ON. Set OSC CONTROL to 0 and 09.

(2) Rotate the switch on the indexing fixture (fig. 6-7) to 2 and set the slug rack control to the 000 position.

(3) Adjust the signal generator to 2.0 MHz, CW operation, and connect the RF OUTPUT jack to the RCVR ANT jack of the test fixture.

(4) Connect the voltmeter to the AUDIO OUT jack of the test fixture and adjust the signal generator output frequency and level controls until an indication is obtained on the voltmeter.

(5) Adjust inductors L7, L22, L37, and L52 (fig. 3-105) to obtain maximum voltmeter reading. Minimum limit is 0.04 volts rms.

NOTE

Adjust the output level of the signal generator and the voltmeter scale multiplier as required to reduce the possibility of limiting within the several modules.

(6) Rotate the switch of the indexing fixture to 3 and set the output of the signal generator to approximately 3.0 MHz. Adjust the output level and frequency of the signal generator until an indication is obtained on the voltmeter.

(7) Adjust inductors L8, L23, L38, and L53 (fig. 3-105) to obtain maximum voltmeter reading. Minimum limit is 0.04 volts rms.

(8) Rotate the switch of the indexing fixture to 4 and set the output of the signal generator to approximately 4.0 MHz. Adjust the output level and frequency of the signal generator until an indication is obtained on the voltmeter.

(9) Adjust inductors L9, L24, L39, and L54 (fig. 3-105) to obtain maximum voltmeter reading. Minimum limit is 0.04 volts rms.

(10) Rotate the switch of the indexing fixture to 5 and set the output of the signal generator to approximately 5.0 MHz. Adjust the output level and frequency of the signal generator until an indication is obtained on the voltmeter.

(11) Adjust inductors L10, L25, L40, and L55 (fig. 3-96) to obtain maximum voltmeter reading. Minimum limit is 0.04 volts rms.

(12) Rotate the switch of the indexing fixture to 6 and set the output of the signal generator to approximately 6.0 MHz. Adjust the output level and frequency of the signal generator until an indication is obtained on the voltmeter.

(13) Adjust inductors L11, L26, L41, and

L56 (fig. 3-96) to obtain maximum voltmeter reading. Minimum limit is 0.04 volts rms.

(14) Rotate the switch of the indexing fixture to 7 and set the output of the signal generator to approximately 7.0 MHz. Adjust the output level and frequency of the signal generator until an indication is obtained on the voltmeter.

(15) Adjust inductors L12, L27, L42, and L57 (fig. 3-96) to obtain maximum voltmeter reading. Minimum limit is 0.04 volts rms.

(16) Rotate the switch on the indexing fixture to 8 and set the output of the signal generator to approximately 8.0 MHz. Adjust the output level and frequency of the signal generator until an indication is obtained on the voltmeter.

(17) Adjust inductors L13, L28, L43, and L58 (fig. 3-96) to obtain maximum voltmeter reading. Minimum limit is 0.04 volts rms.

(18) Rotate the switch of the indexing fixture to 9 and set the output of the signal generator to approximately 9.0 MHz. Adjust the output level and frequency of the signal generator until an indication is obtained on the voltmeter.

(19) Adjust inductors L14, L29, L44, and L59 (fig. 3-96) to obtain maximum voltmeter reading. Minimum limit is 0.04 volts rms.

(20) Rotate the switch of the indexing fixture to 10 and set the output of the signal generator to approximately 10.0 MHz. Adjust the output level and frequency of the signal generator until an indication is obtained on the voltmeter.

(21) Adjust inductors L15, L30, L45, and L60 (fig. 3-105) to obtain maximum voltmeter reading. Minimum limit is 0.04 volts rms.

(22) Rotate the switch of the indexing fixture to 11 and set the output of the signal generator to approximately 11.0 MHz. Adjust the output level and frequency of the signal generator until an indication is obtained on the voltmeter.

(23) Adjust inductors L16, L31, L46 and L61 (fig. 3-105) to obtain maximum voltmeter reading. Minimum limit is 0.04 volts rms.

h. Rf Alignment, Transmit Mode.

(1) On the test fixture, place the FUNCTION SEL switch to XMIT, the LOOP SEL switch to CLOSED, then place the POWER ON-OFF switch to ON, and OSC CONTROL switches to 0 and 00.

(2) Rotate the switch on the indexing fixture (fig. 6-7) to 2 and set the slug rack control to the 000 position.

(3) On the top of the module, rotate the rf gain control (R148) to its clockwise stop.

(4) Adjust the signal generator to 500 kHz, CW operation, and connect the RF OUTPUT jack to 500 KHZ IN jack (J18) on the test fixture.

(5) Connect the rf probe of the multimeter to RF OUT jack (J13) on the test fixture and adjust inductor L67 (fig. 3-105) to obtain maximum output.

NOTE

Adjust the output level of the signal generator as required to limit the maximum indication on the multimeter to 80 volts rms.

(6) On the indexing fixture, rotate the slug rack control to the 999 position. On the test fixture set OSC CONTROL switches to 9 and 99; then adjust inductor L5 (fig. 3-96) for maximum output indication.

(7) Reset the slug rack control on the indexing fixture to the 000 position and set the OSC CONTROL switches to 0 and 00; then repeat steps (5) and (6) until further adjustment no longer increases the output level.

(8) Record the signal generator output level necessary to produce 80 volts rms at J13, as the indexing fixture is placed at the 000, 500, and 999 positions (set OSC CONTROL switches on the test fixture to identical values as the indexing fixture). The output level must remain between 30 and 300 millivolts at each setting across the band.

(9) On the indexing fixture set the switch to 3 and rotate the slug rack control to the 000 position. Set the OSC CONTROL switches on the test fixture to 0 and 00; then adjust inductor L68 (fig. 3-105) for maximum output voltage.

(10) Repeat step (8).

(11) On the indexing fixture, set the switch to 4 and rotate the slug rack control to its 000 position. Set the OSC CONTROL switches on the test fixture to 0 and 00; then adjust inductor L69 (fig. 3-105) for maximum output voltage.

(12) Repeat step (8).

(13) On the indexing fixture, set the switch to 5 and rotate the slug rack control to its 000 position. Set the OSC CONTROL switches on the test fixture to 0 and 00; then adjust inductor L70 (fig. 3-96) for maximum output voltage.

(14) Repeat step (8).

(15) On the indexing fixture, set the switch to 6 and rotate the slug rack control to its 000 position. Set the OSC CONTROL switches on the test fixture to 0 and 00; then adjust inductor L71 (fig. 3-96) for maximum output voltage.

(16) Repeat step (8).

(17) On the indexing fixture, set the switch to 7 and rotate the slug rack control to its 000 position. Set the OSC CONTROL switches on the test fixture to 0 and 00; then adjust inductor L72 (fig. 3-96) for maximum output voltage.

(18) Repeat step (8).

(19) On the indexing fixture, set the switch to 8 and rotate the slug rack control to its 000 position. Set the OSC CONTROL switches on the test fixture to 0 and 00; then adjust inductor L73 (fig. 3-96) for maximum output voltage.

(20) Repeat step (8).

(21) On the indexing fixture, set the switch to 9 and rotate the slug rack control to its 000 position. Set the OSC CONTROL switches on the test fixture to 0 and 00; then adjust inductor L74 (fig. 3-96) for maximum output voltage.

(22) Repeat step (8).

(23) On the indexing fixture, set the switch to 10 and rotate the slug rack control to its 000 position. Set the OSC CONTROL switches on the test fixture to 0 and 00; then adjust inductor L76 (fig. 3-105) for maximum output voltage.

(24) Repeat step (8).

(25) On the indexing fixture, set the switch to 11 and rotate the slug rack control to its 000 position. Set the OSC CONTROL switches on the test fixture to 0 and 00; then adjust inductor L76 (fig. 3-105) for maximum output voltage.

(26) Repeat step (8).

NOTE

Potentiometer R148 may be adjusted to compensate for out-of-tolerance operation. Care should be taken to recheck critical frequencies to assure that they remain in tolerance after this adjustment.

(27) Disconnect the signal generator from the 500 KHZ IN jack of the test fixture. Adjust potentiometer R150 (fig. 3-96) for minimum output voltage on the multimeter.

i. Oscillator Control Isolation Amplifier Test.

(1) Connect the multimeter rf probe to the test set VFO jack.

(2) On the test fixture, place the FUNCTION SEL switch to RCVR, the AVC switch to ON, the LOOP SEL switch to CLOSED, OSC CONTROL switch S1 to 0 and OSC CONTROL switch S2 to 00; then place the POWER ON-OFF switch to ON.

(3) Set the switch on the indexing fixture (fig. 6-7) to 2 and rotate the slug rack control to the 000 position.

(4) Record the output voltage at VFO jack. This voltage shall not be less than 1.0 volt rms.

(5) Set the switch on the indexing fixture to 11 and leave the slug rack control at the 000 position. On the test fixture, place the OSC CONTROL switch S1 to 9 and OSC CONTROL switch S2 to 00.

(6) Repeat step (4).

6-13. Power Supply PP-3518/PRC-47. (A8A5) (fig. 7-12)

a. Test Equipment and Material.

- (1) Ammeter, AC (0 to 5 amperes)
- (2) Ammeter, DC (0 to 1 ampere)
- (3) Ammeter, DC (0 to 15 amperes)
- (4) Oscilloscope AN/USM-50
- (5) Power Supply (24 volts dc), Harrison 6434B or equal
- (6) Multimeter ME-26A/U
- (7) Test fixture for PP-3518/PRC-47
- (8) Voltmeter ME-30A/U.

b. Test Conditions and Equipment Connections.

CAUTION

Before connecting the Harrison 6434B power supply to the test fixture, set its output voltage to 24.0 ± 2.0 volts dc. Return the power on-off switch of this power supply to off until instructed to apply primary power to it.

(1) Connect the ac primary power sources to the test set with the ac ammeter properly connected to the 115 volts ac 400 Hz mains. (See fig. 6-14.)

NOTE

Observe that the current transformer, if used, has the proper turns ratio for the ammeter.

WARNING

Never permit the secondary of the current transformer to remain open-circuited with power applied to the primary power source. Fatal voltages can exist across this winding.

(2) Connect the dc power supply to the test fixture with the 0 to 15 ampere dc ammeter connected to the positive (+) lead from this power supply. (See fig. 6-14.)

NOTE

If an ammeter shunt is required with the dc ammeter being used, be sure that the voltage drop and current rating match the dc ammeter.

(3) Connect the remainder of the test instruments to the test fixture as shown in figure 614.

(4) Remove the top cover from the PP-3518/PRC-47 power supply module to be tested, and install this module in the connector on top of the test fixture.

(5) On the test fixture, place the HV ON-OFF switch to OFF, the +23V ON-OFF switch to OFF, and the VOLTAGE SEL switch to

+19V. Then place the BLOWER ON-OFF switch to ON and set 115VAC ON-OFF switch to ON. Observe that the text fixture blower is running, and 115 VAC lamp is lit.

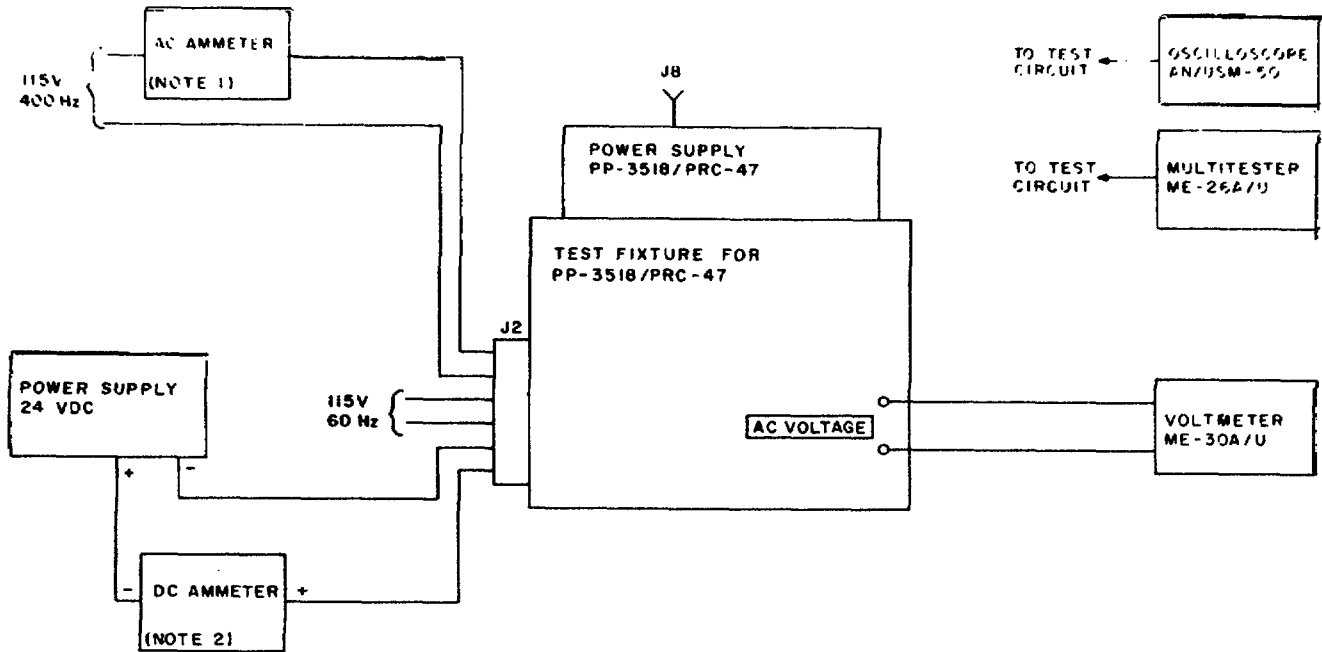
WARNING

Voltages to 1500 volts are present in the PP-3518/PRC-47 power supply module.

Personal injury or death can result. Be careful.

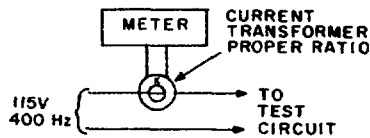
NOTE

Perform the initial adjustments and each of the following tests in the order listed to avoid erroneous test results or maladjustment of the control settings.



NOTES:

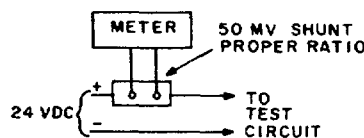
1. CONNECT TRANSFORMER-TYPE AC AMMETER AS FOLLOWS:



WARNING:

NEVER DISCONNECT THE CURRENT TRANSFORMER FROM THE METER WITH POWER APPLIED TO THE 115 VAC MAIN.

2. CONNECT SHUNT-TYPE DC AMMETER AS FOLLOWS:



TM5820-509-35-213

Figure 6-14. Power Supply PP-3518/PRC-47 (A8A5), Performance Tests, Initial Test Equipment Connections.

c. Initial Settings and Adjustments.

(1) Rotate the VOLTAGE SEL switch to all positions and note that an indication is obtained on the DC VOLTAGE meter only at the +19V, +23V, and +26.5V positions. (Ignore the ac voltmeter at this time)

(2) Place the HV ON-OFF switch to ON and note that an indication is obtained on the DC VOLTAGE meter in all positions of the VOLTAGE SEL switch except FIL. The ac voltmeter indicates approximately 6.3 volts when VOLTAGE SEL is in the FIL position.

(3) Place the HV ON-OFF switch to OFF, return the VOLTAGE SEL switch on the test fixture to +19V position, and apply primary power to the Harrison 6434B power supply. Then place the test set +23V ON-OFF switch to ON

(4) Connect the multimeter to the output terminals of the Harrison 6434B power supply and adjust the terminal voltage to 23.0 ± 0.25

volts dc. Then move the multimeter dc lead to test jack J8 (fig. 3-11) on Power Supply PP-3518/PRC-47.

(6) Adjust potentiometer A5R22 (fig. 3-11) until the multimeter reads 19.0 ± 0.4 volts dc.

(6) Connect the multimeter negative (-) lead to test jack J2 (fig. 3-11) on Power Supply PP-3518/PRC-47.

(7) Adjust potentiometer A5R3 (fig. 3-11) until the multimeter reads -110 ± 5.5 volts dc.

(8) Connect the multimeter negative (-) lead to test jack J1 (fig. 3-11) on Power Supply PP-3518/PRC-47.

(9) Adjust potentiometer A5R4 (fig. 3-11) until the multimeter reads -32 ± 1.6 volts dc.

d. Performance Tests, 26.5-volts DC Primary Power Source. The tests listed in paragraphs e to o are to be conducted in the sequence shown after these initial conditions have been satisfied.

(1) Connect the test equipment to the test fixture as shown in figure 6-14 using the 0- to 15 ampere dc ammeter.

(2) Install Power Supply PP-3518/PRC-47 in the test fixture; then apply power to the Harrison 6434B power supply.

(3) On the test fixture, place the BLOWER ON-OFF switch to ON, rotate the VOLTAGE SEL switch to +19V, the +23V ON-OFF switch to ON, and then set the HV ON-OFF switch to ON .

(4) Adjust the terminal voltage of the Harrison 6434B power supply to 23.0 ± 0.25 volts .

(5) Record the data required in paragraphs e through o below and compare with the reference standard .

e. Input Current. The dc ammeter shall indicate not more than 12.5 amperes.

f. Power Amplifier Plate Voltage.

(1) Rotate the VOLTAGE SEL switch to +1500V. The DC VOLTAGE meter shall indicate in the red portion of the meter scale.

(2) The ac voltmeter shall read not more than 3.75 volts rms.

g. Power Amplifier Screen Voltage.

(1) Rotate the VOLTAGE SEL switch to +650V. The DC VOLTAGE meter shall indicate in the red portion of the meter scale.

(2) The ac voltmeter shall read not more than 1.50 volts rms

h. Driver Plate Voltage.

(1) Rotate the VOLTAGE SEL switch to +300V. The DC VOLTAGE meter shall indicate in the red portion of the meter scale

(2) The ac voltmeter shall read not more than 0.20 volt rms.

i. Relay Voltage.

(1) On the test fixture, place the HV ON -OFF switch to OFF and rotate the VOLTAGE SEL switch to +26.5V.

(2) The DC VOLTAGE meter shall indicate in the red portion of the meter scale.

j. Filtered Low Voltage.

(1) Rotate the VOLTAGE SEL switch to +23V. The DC VOLTAGE meter shall indicate in the red portion of the meter scale.

(2) The ac voltmeter shall read not more than 0.075 volt rms.

k. Regulated Voltage.

(1) Rotate the VOLTAGE SEL switch to +19V. The DC VOLTAGE meter shall indicate in the red portion of the meter scale.

(2) The ac voltmeter shall read not more than 0.010 volt rms.

(3) Connect the multimeter to test jack J8 (fig. 3-11) on Power Supply PP-3518/PRC-47. On the test fixture, place HV ON-OFF switch to ON and adjust A5R22 (fig. 3-11) to the counterclockwise stop and then to the clockwise stop. The multimeter shall read not more than 18 volts dc nor less than 20 volts dc at the mechanical end stops respectively.

(4) Readjust A5R22 until the multimeter reads 19.0 ± 0.4 volts dc; then return the HV ON-OFF switch on the test fixture to OFF.

l. Filament Voltage.

(1) Rotate the VOLTAGE SEL switch to FIL.

(2) Connect the oscilloscope to AC VOLTAGE jacks on the test fixture in place of the ac voltmeter; then place the HV ON-OFF switch to ON. ;

(3) The oscilloscope shall indicate between 6.0 and 6.3 volts ac peak.

(4) Return the HV ON-OFF switch on the test fixture to OFF and disconnect the oscilloscope.

m. Power Amplifier Bias Voltage.

(1) Connect the ac voltmeter to the AC VOLTAGE jacks on the test fixture and rotate the VOLTAGE SEL switch to -110V

(2) Connect the multimeter to test jack J2 on Power Supply PP-3518/PRC-47.

(3) Place the HV ON-OFF switch to ON and adjust A5R3 (fig. 3-11) to -110 ± 1.0 volts.

(4) The ac voltmeter shall read not more than 0.10 volt rms.

(5) Return the HV ON-OFF switch to OFF and disconnect the multimeter.

n. Driver Bias Voltage.

(1) Rotate the VOLTAGE SEL switch to - 32V

(2) Connect the multimeter to test jack J1 on Power Supply PP-3518/PRC-47.

(3) Place the HV ON-OFF switch to ON and adjust A5R4 (fig. 3-11) to -32.0 ± 0.5 volts.

(4) The ac voltmeter shall read not more than 0.05 volt rms.

(5) Return the HV ON-OFF switch to OFF and disconnect the multimeter.

o. Voltage Regulator Operation.

(1) On the test fixture, place the HV ON-OFF switch to ON.

(2) Connect the multimeter to the output terminals of the Harrison 6434B power supply and adjust the terminal voltage to 22.0 ± 0.1 volts.

(3) Move the multimeter to test jack J8 (fig. 3-11) on Power Supply PP-3518/PRC-47. The voltage at J8 shall read not less than 18.5 volts dc nor more than 19.5 volts dc.

(4) Repeat step (2) except set terminal voltage of Harrison 6434B power supply to 28.0 ± 0.1 volts dc

(5) Repeat step (3). Multimeter readings same as shown in step (3).

p. Performance Tests, 110-Volts, 400-Hz Primary Power Source. The tests listed in paragraph q through u are to be conducted in the sequence shown after these initial conditions are satisfied:

(1) Connect the test equipment to the test fixture as shown in figure 6- 14 using the ac ammeter in the 115-volts, 400-Hz mains.

(2) Install Power Supply PP-3518/PRC-47 in the test fixture.

NOTE

Do not apply primary power to the Harrison 6434B power supply.

(3) On the test fixture, place the BLOWER ON-OFF switch to ON, rotate the VOLTAGE SEL switch to +19V, the +23V switch to OFF, and then set the HV ON-OFF switch to ON.

(4) Record the data required in paragraphs q through u below and compare with the reference standard.

q. Input Current. The ac ammeter shall indicate not more than 3.0 amperes when the ac main is 97.8 to 112.2 volts at 380- to 420-Hz.

r. Relay Voltage.

(1) On the test fixture, place the HV ON-OFF switch to OFF and rotate the VOLTAGE SEL switch to +26.5V.

(2) The DC VOLTAGE meter shall indicate in the red portion of the meter scale.

s. Filtered Low Voltage.

(1) Rotate the VOLTAGE SEL switch to +23V. The DC VOLTAGE meter shall indicate in the red portion of the meter scale.

(2) The ac voltmeter shall read not more than 0.075 volt rms.

t. Regulated Voltage.

(1) Rotate the VOLTAGE SEL switch to +19V. The DC VOLTAGE meter shall indicate in the red portion of the meter scale.

(2) The ac voltmeter shall read not more than 0.010 volt rms.

(3) Connect the multimeter to test jack J8 (fig. 3-11) on Power Supply PP-3518/PRC-47. On the test fixture, place the HV ON-OFF switch to ON and adjust A5R22 to the counterclockwise stop, and then to the clockwise stop. The multimeter shall read not more than 18 volts dc nor less than 20 volts dc at the mechanical end stops respectively.

(4) Readjust A5R22 for 19.0 ± 0.4 volts dc; then return the HV ON-OFF switch to OFF.

u. Filament Voltage.

(1) Rotate the VOLTAGE SEL switch to FIL, and place the HV ON-OFF switch to ON.

(2) The ac voltmeter shall read 5.9 to 6.5 volts rms.

(3) Return the HV ON-OFF switch to OFF.

6-14. Radio Frequency Oscillator 0-1032/PRC-47 (A8A6)

(fig. 7-13)

a. Test Equipment and Material.

(1) Frequency Counter AN/URM-79/U

(2) Multimeter ME-26A/U

(3) Oscilloscope AN/USM-50

(4) Power Supply (24 volts dc) Harrison 6202B (or equal)

(5) Signal Generator SG-103/URM-25F

(6) Test fixture for 0-1032/PRC-47

b. Test Conditions and Equipment Connection

CAUTION

Before connecting the power supply to the test fixture, set the output voltage to 19.0 ± 2.0 volts; then return the power on-off switch to the off position until instructed to apply primary power.

(1) Connect the test instruments to the test fixture as shown in figure 6-15. (The connections for the remaining test equipment are detailed in the appropriate procedural steps below.)

(2) Before placing the O-1032/PRC-47 into the test fixture, remove the module cover. Install module in test fixture.

(3) Place the power on-off switch of the power supply to on and then place the +20 V ON-OFF switch to ON.

(4) Adjust the output voltage of the power supply to 20.0 ± 0.2 volts dc.

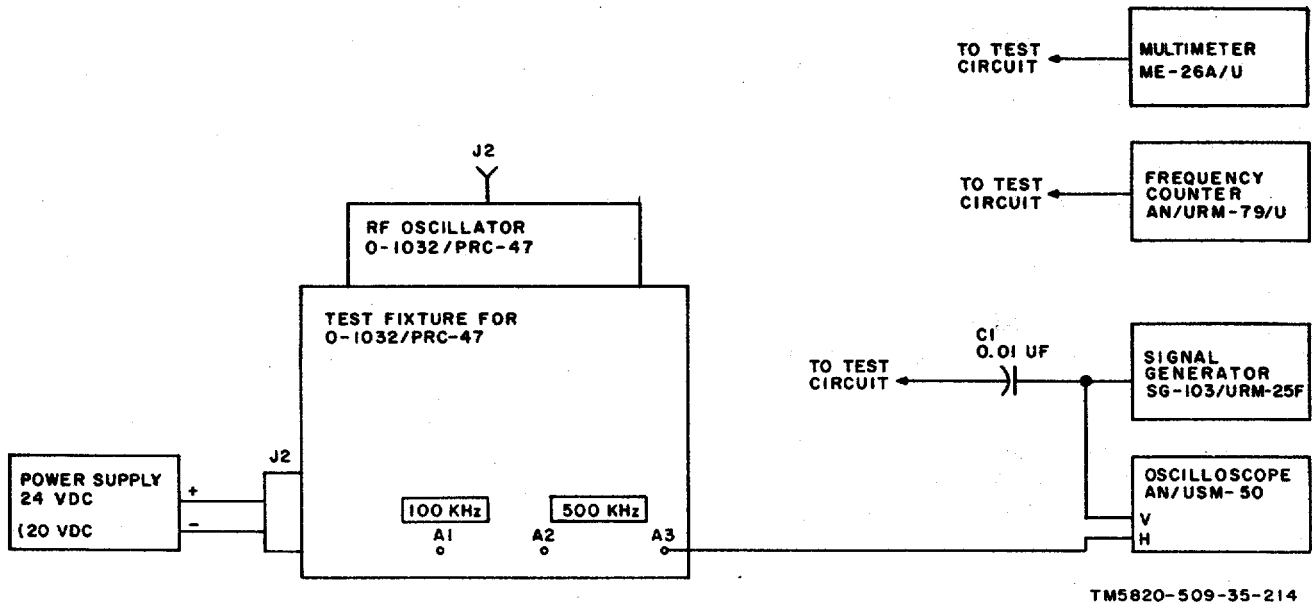


Figure 6-15. RF Oscillator O-1032/PRC-47 (A8A6), Performance Tests, Initial Test Equipment Connections.

c. Initial Settings and Adjustments.

(1) Connect the multimeter dc probe to test point J2 on the module and record the reading obtained. This value must be 17.5 ± 1.0 volts dc.

(2) Press the PUSH TO READ pushbutton on the front of the test fixture and read the current drawn by the module. The +20V CURRENT meter must read 35.0 ± 5.0 milliamperes.

(3) Connect the multimeter rf probe and the frequency counter to the junction of Q4, R23, and R24 (fig. 3-53) and record the output voltage of the temperature compensated oscillator. This voltage shall not be less than 0.3 volt rms and the output frequency shall be approximately 3.0 MHz.

NOTE

Do not adjust or calibrate the temperature compensated oscillator at this time. Final calibration procedures are detailed in step g.

d. Locked Oscillator, Divider, and Output Amplifier Performance.

(1) On the test fixture, place the +20 ON-OFF switch to OFF.

(2) Carefully disconnect the inner conductor of the miniature coaxial cable from the junction of Q4-R23-R24 (fig. 3-53).

(3) Connect the frequency counter to the output of the signal generator; then connect the open end of capacitor C1 to the terminal in the module from which the coaxial cable was disconnected.

(4) Place the +20V ON-OFF switch on the test fixture to ON; then set the signal generator output frequency to 3.000 MHz.

(5) Using the rf probe of the multimeter, adjust the signal generator output level (at the base of locked oscillator Q4) to the value measured in step c (3) above.

NOTE

Be sure to maintain this output level for the remainder of this test.

(6) A stable 6:1 Lissajous pattern must be obtained on the oscilloscope. If not, perform the locked oscillator and 500-kHz amplifier adjustments in step e before continuing.

(7) Vary the signal generator frequency from 2.90 to 3.10 MHz while observing the oscilloscope display. The 6:1 Lissajous pattern must remain clear and stable throughout the signal generator output frequency excursion.

(8) Connect the rf probe of the multimeter to test jack J3 on the module and record the 500 kHz output voltage. Repeat the measurement at test jack J4 on the module. The multimeter shall read 1.5 ± 0.2 volts rms. If not, perform the locked oscillator and 500 kHz amplifier adjustments in step e before continuing.

(9) Connect the vertical input of the oscilloscope to the 100 KHz A1 connector on the front panel of the test fixture. (Do not disturb the signal generator and frequency counter connections in the module.)

(10) A clear, stable 5:1 Lissajous pattern must be displayed on the oscilloscope. If not, perform the locked oscillator and 100-kHz amplifier adjustments in step f before continuing.

(11) Connect the rf probe of the multimeter to test jack J1 on the module and record the 100 kHz output voltage. The multimeter shall read 1.5 ± 0.4 volts rms. If not, perform the locked oscillator and 100-kHz amplifier adjustments in step f before continuing.

(12) Repeat step (7) and observe that the 5:1 Lissajous pattern remains stable and clear through the frequency excursion.

(13) Disconnect the test equipment from the module; place the +20V ON-OFF switch on the test fixture to OFF, and reconnect the center conductor of the miniature coaxial cable removed in step (2) above.

e. *Locked Oscillator Q4 and 500-kHz Amplifier Adjustments.*

NOTE

Perform these procedures only if the stability or output level of the 500 kHz amplifier circuits is deficient. The locked oscillator and amplifier adjustments are performed by selecting specific values for capacitors C14, C20, C25 and

resistors R30 and R45 from the tables below.

(1) On the test fixture, place the +20V ON-OFF switch to OFF, and remove the O-1032/PRC-47 from the test fixture.

(2) Disconnect the miniature coaxial cable from the junction of Q4-R23-R24 as in step d (2) unless it has already been removed, and then replace the module in the test fixture.

(3) Connect the test equipment to the test fixture as shown in figure 6-15 and connect the open end of capacitor C1 to the terminal in the module from which the coaxial cable was just removed.

(4) Return the +20V ON-OFF switch on the test fixture to ON; then set the signal generator output frequency to 3.0 MHz. Adjust the output level of the signal generator at the base of the locked oscillator (Q4) to the value measured in step c (3).

NOTE

Maintain this output level through the remainder of this adjustment procedure.

(5) A clear, stable 6:1 Lissajous pattern must be observed as the signal generator is varied from 2.90 through 3.10 MHz. Select a value of capacitance for C14 from the following table that provides this pattern (refer to fig. 3-53 and 7-13 for part locations).

Capacitor Selection Table

| Value | Part No. | Value | Part No. |
|--------------|--------------|---------------|---------------------|
| 5 ± 0.5 pf | DM 15C050D01 | 120 ± 6.0 pf | CM05E121J03 |
| 10 ± 0.5 pf | DM 15C100J01 | 130 ± 6.5 pf | CM05E131J03 |
| 12 ± 0.6 pf | DM 15C120J01 | 140 ± 1.4 pf | DM15E141F0500WV4CR |
| 15 ± 0.7pf | DM 15C150J01 | 150 ± 7.5 pf | CM05F151J03 |
| 18 ± 0.9 pf | DM 15C180J01 | 160 ± 8.0 pf | CM05F161J03 |
| 20 ± 1.0 pf | CM05E200J03 | 169 ± 1.7 pf | DM15E1690F0300WV4CR |
| 22 ± 1.1 pf | CM05E220J03 | 180 ± 9.0 pf | CM05F181J03 |
| 24 ± 1.2 pf | CM05E240J03 | 190 ± 1.9 pf | DM15E191F0500WV4CR |
| 27 ± 1.3 pf | CM05E270J03 | 200 ± 10.0 pf | CM05F201J03 |
| 30 ± 1.5 pf | CM05E300J03 | 220 ± 11.0 pf | CM05F221J03 |
| 33 ± 1.6 pf | CM05E330J03 | 240 ± 12.0 pf | CM05F241J03 |
| 36 ± 1.8 pf | CM05E360J03 | 270 ± 13.5 pf | CM05F271J03 |
| 39 ± 1.9 pf | CM05E390J03 | 300 ± 15.0 pf | CM05F301J03 |
| 43 ± 2.1 pf | CM05E430J03 | 330 ± 16.5 pf | CM05F331J03 |
| 47 ± 2.3 pf | CM05E470J03 | 360 ± 18.0 pf | CM05F361J03 |
| 51 ± 2.5 pf | CM05E510J03 | 390 ± 19.5 pf | CM05F391J03 |
| 56 ± 2.8 pf | CM05E560J03 | 430 ± 21.5 pf | DM15F43 1J03 |
| 62 ± 3.1 pf | CM05E620J03 | 470 ± 23.5 pf | DM15F471J03 |
| 68 ± 3.4 pf | CM05E680J03 | 510 ± 25.5 pf | DM15F511J03 |
| 75 ± 3.7 pf | CM05E750J03 | 560 ± 28.0 pf | DM15F561J300WV4CR |
| 82 ± 4.1 pf | CM05E820J03 | 620 ± 31.0 pf | DM15F621J300WV4CR |
| 91 ± 4.5 pf | CM05E910J03 | 750 ± 37.5 pf | CM05F751J03 |
| 100 ± 5.0 pf | CM05E101J03 | 820 ± 41.0 pf | DM15F821J0300WV4CR |
| 110 ± 5.5 pf | CM05E111J03 | | |

NOTE

A more rapid selection of resistor and capacitor values can be made if the component is clipped into the circuit temporarily. All selections may be soldered at the conclusion of the procedure just before final retest.

(6) Adjust the signal generator output frequency to 2970 kHz at the output level established in step (4).

Resistor Selection Table

| Value | Part No. | Value | Part No. |
|--------------------|------------|-------------------|------------|
| 2700 ± 270 ohms | RC07GF272K | 10000 ± 1000 ohms | RC07GF103K |
| 3300 ± 330 ohms | RC07GF332K | 12000 ± 1200 ohms | RC07GF123K |
| 3900 ± 390 ohms | RC07GF392K | 16000 ± 1500 ohms | RC07GF153K |
| 4700 ± 470 ohms | RC07GF472K | 18000 ± 1000 ohms | RC07GF183K |
| 5600 ± 560 ohms | RC07GF562K | 22000 ± 2200 ohms | RC07GF223K |
| 6800 ± 680 ohms | RC07GF682K | 27000 ± 2700 ohms | RC07GF273K |
| 8200 ± 820 AA ohms | RC07GF822K | | |

(9) Move the rf probe of the multimeter to test jack J4 of the module (fig. 3-53) and select a value of capacitance for C25 (figs. 3-53 and 7-13) from the list in the capacitor selection table above until maximum output voltage is obtained at 2970 kHz.

(10) The multimeter reading in step (9) must read 1.5 ± 0.2 volts rms. Adjust the value of resistance for R45 using the values listed in the resistor selection table above to obtain this output reading. (Figures 3-53 and 7-13 show the locations of parts.)

(11) At the conclusion of these adjustments, solder all resistors and capacitors and repeat the procedures listed in step d.

f. Locked Oscillator Q8 and 100-kHz Amplifier Adjustment.

NOTE

Perform these procedures only if the stability or output level of the 100-kHz amplifier circuits is deficient. The locked oscillator and amplifier adjustments are performed by selecting specific values for capacitors C29 and C34 and resistor R46.

(1) Connect the oscilloscope horizontal input to the test fixture at connector 500 KHZ A2, and connect the oscilloscope vertical input to the test fixture at connector 100 KHZ A1.

NOTE

The signal generator and frequency counter remain connected to the junction of Q4-R23-R24 (fig. 3-53) as in step d (3).

(2) Adjust the signal generator output frequency to 3.00 MHz and set the output level to the value established in step c(3)

(7) Connect the rf probe of the multimeter to test jack J3 of the 0-1032/PRC-47 (fig. 3-53) and select a value of capacitance for C20 (fig. 3-53 and fig. 7-13) from the table above that provides maximum voltage at J3.

(8) The multimeter reading in step (7) must read 1.5 ± 0.2 volts rms. Adjust the value of R30 using the selections from the table below to obtain this output reading. Figures 3-53 and 7-13 locate the parts involved in this procedure.

(3) A clear, stable 5:1 Lissajous pattern must be observed as the signal generator is varied from 2.90 to 3.10 MHz. Select a value of capacitance for C29 from the capacitor selection table above that provides this clear, stable 5:1 pattern. (Refer to figs. 3-52 and 7-13 for part locations.)

(4) Adjust the signal generator output frequency to 2970 kHz and maintain the output level used in step (2).

(5) Connect the rf probe of the multimeter to test jack J1 of the module (fig. 3-52) and select a value of capacitance for C34 (figs 3-52 and 7-13) from the list in the capacitor selection table above that provides maximum output at J1.

(6) The multimeter reading in step (5) must read 1.5 ± 0.4 volts rms. Adjust the value of resistance for R46 (using the selections from the table above to obtain this output reading). Figures 3-53 and 7-13 locate the parts involved in this procedure.

(7) Repeat the procedure of step d after permanently soldering all resistors and capacitors in place within the module.

(8) Proceed to step d (12)

g. final Frequency Calibration.

(1) Before beginning this procedure, attach the cover to the module and install the O-1032/PRC-47 in the test fixture.

(2) Connect the frequency counter to connector 500 KHZ A3 on the test fixture, and then place the +20V ON-OFF switch to ON.

NOTE

Do not begin the calibration procedure for at least 1 hour. The unit must be

thoroughly stabilized before each calibration.

(3) Measure the output frequency at connector 500 KHZ A3. The reading must be $500,000.00 \pm 0.05$ Hz. Adjust capacitor C1 (on top of the module) until this reading is obtained.

6-16. Oscillator Control C-4311/PRC-47 (A8A7) (fig. 7-14)

a. Test Equipment and Material.

- (1) Frequency Counter AN/URM-79/U
- (2) Multimeter ME-26A/U
- (3) Oscilloscope AN/USM-50
- (4) Power Supply 124 volts dc) Harrison 6202B (or equal)
- (5) Signal Generator SG-103/URM-25F (2 required)
- (6) Test fixture for C-4311/PRC-47 with Radio Frequency Oscillator 0-1032/PRC-47 installed.

b. Test Conditions and Equipment Connections.

CAUTION

Before connecting the power supply to the test fixture, set the output voltage to 19.0 ± 2.0 volts dc; then return the power on-off switch to the

off position until instructed to apply primary power.

(1) Connect the test equipment to the test fixture as shown in figure 6-16. (The connections for the remaining test instruments are detailed in the appropriate procedural steps below.)

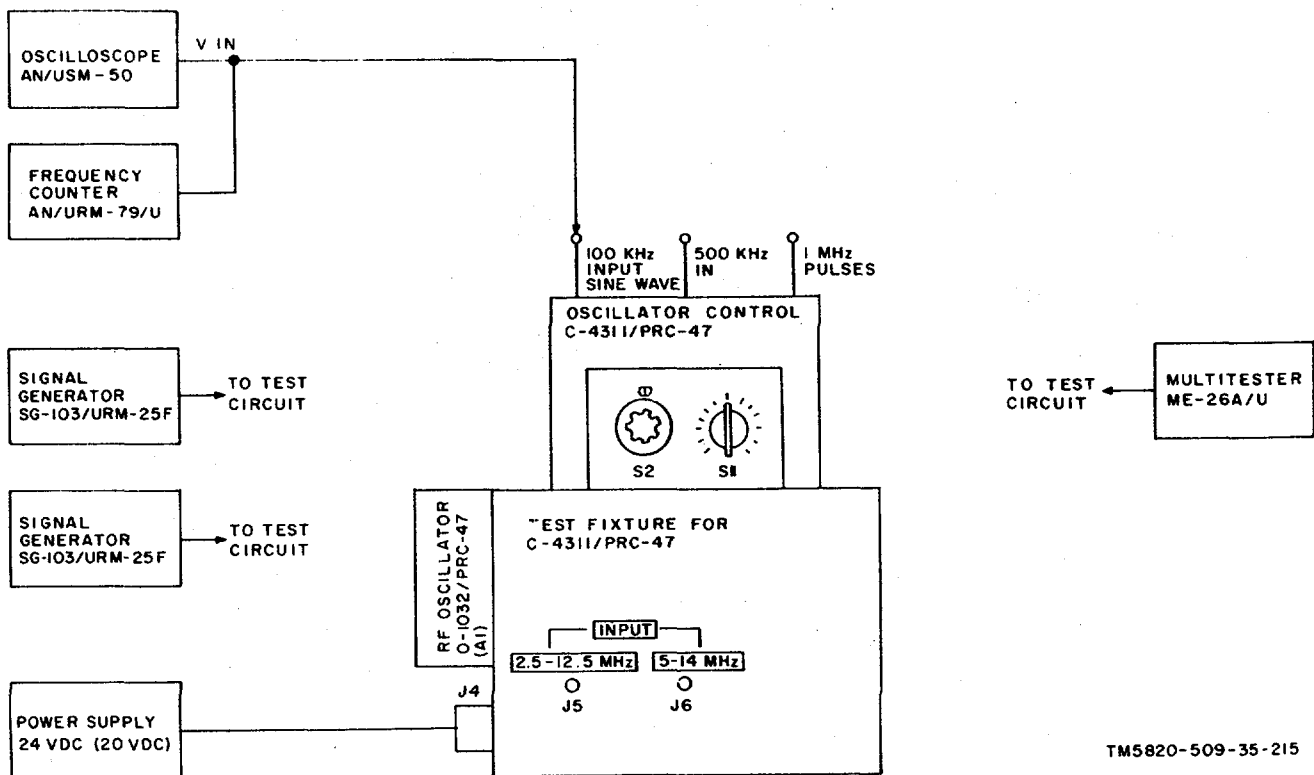
(2) Verify that Radio Frequency Oscillator 0-1032/PRC-47 is seated securely in its connector within the test fixture.

(3) Before installing Oscillator Control C-4311/PRC-47 in the test fixture, remove the top cover.

NOTE

Verify that the coupling halves on the drive end of the C-4311 /PRC-47 are in the positions shown in figure 3-63 and that the controls (S1 and S2) on the front of the test fixture are in positions O and OO respectively before installing the module in its connector.

(4) Carefully install the module in the test fixture and place the power ON-OFF switch to ON. Turn on the power supply and adjust the output voltage of the 24-volts dc power supply to 20.0 ± 0.2 volts dc.



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Figure 6-16. Oscillator Control C-4311/PRC-47 (A8A7) , Performance Tests, Initial Test Equipment Connections.

c. *Pulse Generator Output.*

(1) Connect the vertical input of the oscilloscope and the frequency counter to 100 kHz sinewave input test point (fig. 3-83) and verify that the amplitude of the waveform is 1.8 ± 0.5 volts peak-to-peak, and that the pulse width is 0.3 ± 0.1 microsecond.

NOTE

The pulse width is the interval between the points on the wave-form where 10 % of the peak amplitude occurs.

(2) Connect the oscilloscope and frequency counter to the 500 kHz input test point (fig. 3-83) and verify that a 500-kHz sinewave signal of approximately 1.5 volts peak-to-peak is present.

(3) Connect the vertical input of the oscilloscope and the frequency counter to the 1 MHz pulses test point (fig. 3-83) and verify that the amplitude of the waveform is 6.0 ± 2.5 volts peak-to-peak, and that the pulse fall time is 0.1 ± 0.03 microsecond.

NOTE

The pulse fall time is the total interval required for the wave to return to the base line from its peak value.

(4) With the oscilloscope connected as in step (3), adjust capacitor C15 (fig. 3-102) for minimum 500 kHz signal in the 1 MHz pulses. Repeat step (3) if a major adjustment is made.

d. *1.8- to 0.9-MHz Ringer Circuit Alignment.*

NOTE

Verify that the ringer circuit is operating properly and not merely oscillating. If oscillating, the frequency will change smoothly as the setting of the trimmer capacitor is varied. If ringing, the wavetrain will be ragged until proper adjustment of the trimmer is obtained, and then the wavetrain will stabilize.

(1) Verify that switches S1 and S2 on the front panel of the test fixture are at O and OO respectively.

(2) Adjust the oscilloscope sweep rate to 10 microseconds per centimeter and connect the vertical input and the frequency counter to the 1.8 - 0.9 MHz input test point (fig. 3-83).

(3) Adjust capacitor C90 (fig. 3-104) for minimum 100-kHz modulation on the oscilloscope trace and observe that the waveform amplitude is not less than 2.3 volts peak-to-peak and that the frequency counter indicates 1.8 MHz.

(4) On the front panel of the test fixture, leave switch S1 at O and rotate switch S2 one complete revolution clockwise to a reading of 1.0.

(5) Adjust capacitor C88 (fig. 3-104) for minimum 100-kHz modulation on the oscilloscope trace and observe that the waveform amplitude is not less than 3.4 volts peak-to-peak and the frequency counter indicates 1.7 MHz.

(6) Repeat step (4) except rotate switch S2 one complete revolution clockwise to a reading of 2.0.

(7) Adjust capacitor C86 (fig. 3-104) for minimum 100-kHz modulation on the oscilloscope trace and observe that the waveform amplitude is not less than 4.3 volts peak-to-peak and the frequency counter indicates 1.6 MHz.

(8) Repeat step (4) except rotate switch S2 one complete revolution clockwise to a reading of 3.0.

(9) Adjust capacitor C84 (fig. 3-104) for minimum 100-kHz modulation on the oscilloscope trace and observe that the waveform amplitude is not less than 3.4 volts peak-to-peak and the frequency counter indicates 1.5 MHz.

(10) Repeat step (4) except rotate switch S2 one complete revolution clockwise to a reading of 4.0.

(11) Adjust capacitor C82 (fig. 3-104) for minimum 100-kHz modulation on the oscilloscope trace and observe that the waveform amplitude is not less than 2.8 volts peak-to-peak and the frequency counter indicates 1.4 MHz.

(12) Repeat step (4) except rotate switch S2 one complete revolution clockwise to a reading of 5.0.

(13) Adjust capacitor C80 (fig. 3-103) for minimum 100-kHz modulation on the oscilloscope trace and observe that the waveform amplitude is not less than 2.6 volts peak-to-peak and the frequency counter indicates 1.3 MHz.

(14) Repeat step (4) except rotate switch S2 one complete revolution clockwise to a reading of 6.0.

(15) Adjust capacitor C78 (fig. 3-103) for minimum 100-kHz modulation on the oscilloscope trace and observe that the waveform amplitude is not less than 2.8 volts peak-to-peak and the frequency counter indicates 1.2 MHz.

(16) Repeat step (4) except rotate switch S2 one complete revolution clockwise to a reading of 7.0.

(17) Adjust capacitor C76 (fig. 3-103) for minimum 100-kHz modulation on the oscilloscope trace and observe that the waveform amplitude is not less than 3.6 volts peak-to-peak and the frequency counter indicates 1.1 MHz.

(18) Repeat step (4) except rotate switch S2 one complete revolution clockwise to a reading of 8.0.

(19) Adjust capacitor C74 (fig. 3-103) for minimum 100-kHz modulation on the oscilloscope

trace and observe that the waveform amplitude is not less 3.3 volts peak-to-peak and the frequency counter indicates 1.0 MHz.

(20) Repeat step (4) except rotate switch S2 one complete revolution clockwise to a reading of 9.0.

(21) Adjust capacitor C72 (fig. 3-103) for minimum 100-kHz modulation on the oscilloscope trace and observe that the waveform amplitude is not less than 3.3 volts peak-to-peak and the frequency counter indicates 0.9 MHz.

e. *Crystal Oscillator Alignment.*

(1) Set switches S1 and S2 on the front panel of the test fixture to O and OO respectively.

(2) Attach clips to the leads of a 0.01 microfarad capacitor and install it from the outer case of variable capacitor C131 (fig. 3-100) to chassis ground (module drive end plate).

(3) Place the frequency counter input probe at the base of transistor Q21 (common junction of C100, C101, R111, and R112 on fig. 3-59) and verify that oscillator Q21 output frequency is $3,707,000.00 \pm 1.0$ Hz. If not, adjust capacitor C133 (fig. 3-101) on the bottom of the module to obtain this reading.

(4) Remove the 0.01 microfarad capacitor installed in step (2) and connect the oscilloscope vertical input and the frequency counter to jack J1 (fig. 3-100). Verify that the output frequency is $700,000.00 \pm 1.0$ Hz. If not, adjust capacitor C113 (fig. 3-101) on the bottom of the module to obtain this reading.

(5) Repeat step (4) with switch S1 on the front of the test fixture at 1. Verify that the output frequency is $699,000.00 \pm 1.0$ Hz. If not, adjust capacitor C115 (fig. 3-101) on the bottom of the module to obtain this reading.

(6) Repeat step (4) with switch S1 on the front of the test fixture at 2. Verify that the output frequency is $698,000.00 \pm 1.0$ Hz. If not, adjust capacitor C117 (fig. 3-101) on the bottom of the module to obtain this reading.

(7) Repeat step (4) with switch S1 on the front of the test fixture at 3. Verify that the output frequency is $697,000.00 \pm 1.0$ Hz. If not, adjust capacitor C119 (fig. 3-101) on the bottom of the module to obtain this reading.

(8) Repeat step (4) with switch S1 on the front of the test fixture at 4. Verify that the output frequency is $696,000.00 \pm 1.0$ Hz. If not, adjust capacitor C121 (fig. 3-101) on the bottom of the module to obtain this reading.

(9) Repeat step (4) with switch S1 on the front of the test fixture at 5. Verify that the output frequency is $695,000.00 \pm 1.0$ Hz. If not, adjust capacitor C123 (fig. 3-100) on the top of the module to obtain this reading.

(10) Repeat step (4) with switch S1 on the front of the test fixture at 6. Verify that the output frequency is $694,000.00 \pm 1.0$ Hz. If not, adjust capacitor C125 (fig. 3-100) on the top of the module to obtain this reading.

(11) Repeat step (4) with switch S1 on the front of the test fixture at 7. Verify that the output frequency is $693,000.00 \pm 1.0$ Hz. If not, adjust capacitor C127 (fig. 3-100) on the top of the module to obtain this reading.

(12) Repeat step (4) with switch S1 on the front of the test fixture at 8. Verify that the output frequency is $692,000.00 \pm 1.0$ Hz. If not, adjust capacitor C129 (fig. 3-100) on the top of the module to obtain this reading.

(3) Repeat step (4) with switch S1 on the front of the test fixture at 9. Verify that the output frequency is $691,000.00 \pm 1.0$ Hz. If not, adjust capacitor C131 (fig. 3-100) on the top of the module to obtain this reading.

(14) On the test fixture, return switch S1 to 0. Rotate switch S1 to 1.0 and verify that the output frequency is $690,000.00 \pm 1.0$ Hz. If not, adjust capacitor C135 (fig. 3-101) on the bottom of the module to obtain this reading.

(15) Repeat step (14) except place switch S2 on the front of the test fixture to 2.0 and verify that the output frequency is $680,000.00 \pm 1.0$ Hz. If not, adjust capacitor C137 (fig. 3-101) on the bottom of the module to obtain this reading.

(16) Repeat step (14) except place switch S2 on the front of the test fixture to 3.0 and verify that the output frequency is $670,000.00 \pm 1.0$ Hz. If not, adjust capacitor C139 (fig. 3-101) on the bottom of the module to obtain this reading.

(17) Repeat step (14) except place switch S2 on the front of the test fixture to 4.0 and verify that the output frequency is $660,000.00 \pm 1.0$ Hz. If not, adjust capacitor C141 (fig. 3-101) on the bottom of the module to obtain this reading.

(18) Repeat step (14) except place switch S2 on the front of the test fixture to 5.0 and verify that the output frequency is $650,000.00 \pm 1.0$ Hz. If not, adjust capacitor C143 (fig. 3-100) on the top of the module to obtain this reading.

(19) Repeat step (14) except place switch S2 on the front of the test fixture to 6.0 and verify that the output frequency is $640,000.00 \pm 1.0$ Hz. If not, adjust capacitor C145 (fig. 3-100) on the top of the module to obtain this reading.

(20) Repeat step (14) except place switch S2 on the front of the test fixture to 7.0 and verify that the output frequency is $630,000.00 \pm 1.0$

Hz. If not, adjust capacitor C147 (fig. 3-100) on the top of the module to obtain this reading.

(21) Repeat step (14) except place switch S2 on the front of the test fixture to 8.0 and verify that the output frequency is $620,000.00 \pm 1.0$ Hz. If not, adjust capacitor C149 (fig. 3-100) on the top of the module to obtain this reading.

(22) Repeat step (14) except place switch S2 on the front of the test fixture to 9.0 and verify that the output frequency is $610,000.00 \pm 1.0$ Hz. If not, adjust capacitor C151 (fig. 3-100) on the top of the module to obtain this reading.

f. 601- to 700-kHz Filter Test.

(1) Connect the oscilloscope vertical input and the frequency counter to jack J1 (fig. 3-100).

(2) On the test fixture, set switches S1 and S2 to O and OO respectively and verify that the waveform amplitude is 1.1 ± 0.2 volts peak-to-peak and the output frequency is 700 kHz.

(3) Rotate switches S1 and S2 to 1 and 1.0 respectively and verify that the waveform amplitude is 1.1 ± 0.2 volts peak-to-peak and the output frequency is 689 kHz.

(4) Rotate switches S1 and S2 to 2 and 2.0 respectively and verify that the waveform amplitude is 1.1 ± 0.2 volts peak-to-peak and the output frequency is 678 kHz.

(5) Rotate switches S1 and S2 to 3 and 3.0 respectively and verify that the waveform amplitude is 1.1 ± 0.2 volts peak-to-peak and the output frequency is 667 kHz.

(6) Rotate switches S1 and S2 to 4 and 4.0 respectively and verify that the waveform amplitude is 1.1 ± 0.2 volts peak-to-peak and the output frequency is 656 kHz.

(7) Rotate switches S1 and S2 to 5 and 5.0 respectively and verify that the waveform amplitude is 1.1 ± 0.2 volts peak-to-peak and the output frequency is 645 kHz.

(8) Rotate switches S1 and S2 to 6 and 6.0 respectively and verify that the waveform amplitude is 1.1 ± 0.2 volts peak-to-peak and the output frequency is 634 kHz.

(9) Rotate switches S1 and S2 to 7 and 7.0 respectively and verify that the waveform amplitude is 1.1 ± 0.2 volts peak-to-peak and the output frequency is 623 kHz.

(10) Rotate switches S1 and S2 to 8 and 8.0 respectively and verify that the waveform amplitude is 1.1 ± 0.2 volts peak-to-peak and the output frequency is 612 kHz.

(11) Rotate switches S1 and S2 to 9 and 9.0 respectively and verify that the waveform amplitude is 1.1 ± 0.2 volts peak-to-peak and the output frequency is 601 kHz.

g. 550- to 750-kHz Filter Test.

(1) Attach clips to the leads of a 0.01 microfarad capacitor and install it from the outer case of variable capacitor C131 (fig. 3-100) to chassis ground (module drive end plate).

(2) Attach clips to the leads of a second 0.01 microfarad capacitor and connect it between the signal generator and transformer T3 at its junction with C165 and R147.

(3) Connect the oscilloscope vertical input and the frequency counter to jack J4 (fig. 3-100) and vary the signal generator output frequency from 500- to 800-kHz. Observe the frequency at which maximum output occurs and set the signal generator output to provide 1.0 volt peak-to-peak at jack J4.

(4) Set the output frequency of the signal generator to 500 kHz, and verify that the output amplitude does not exceed 0.2 volt peak-to-peak.

(5) Set the output frequency of the signal generator to 525 kHz, and verify that the output amplitude does not exceed 0.7 volt peak-to-peak.

(6) Set the output frequency of the signal generator to 550 kHz, and verify that the output amplitude remains between 0.3 and 1.0 volt peak-to-peak.

(7) Repeat step (6) with the signal generator set to 575 kHz.

(8) Repeat step (6) with the signal generator set to 600 kHz.

(9) Repeat step (6) with the signal generator set to 625 kHz.

(10) Repeat step (6) with the signal generator set to 650 kHz.

(11) Repeat step (6) with the signal generator set to 675 kHz.

(12) Repeat step (6) with the signal generator set to 700 kHz.

(13) Repeat step (6) with the signal generator set to 725 kHz.

(14) Set the output frequency of the signal generator to 750 kHz, and verify that the output amplitude does not exceed 0.7 volt peak-to-peak.

(15) Set the output frequency of the signal generator to 800 kHz, and verify that the output amplitude does not exceed 0.2 volt peak-to-peak.

h. Frequency Discriminator Test

(1) Disconnect the 0.01 microfarad capacitor from the outer case of variable capacitor C131 to chassis ground installed in step g (1)

(2) Verify that the signal generator is connected to the junction of T3-C165-R147 (fig. 3-56) with the 0.01 microfarad capacitor. and connect the oscilloscope to jack J4 (fig. 3-14) and the multimeter to jack J5 (fig. 3-15) on the module.

(3) On the test fixture, set switches S1 and S2 to O and OO respectively and then adjust the signal generator output frequency to 650 kHz and set the output level to 0.1 volt rms.

(4) Observe that the multimeter reads not less than 4.0 volts dc at jack J5. Then move the multimeter probe to jack J6 (fig. 3-14) and observe that the multimeter reads not more than 1.5 volts dc.

(5) Adjust the signal generator output frequency to 690 kHz at an output level of 0.1 volt rms and verify that the conditions recorded in step (4) are obtained.

(6) Adjust the signal generator output frequency to 710 kHz at an output level of 0.1 volt rms.

(7) Observe that the multimeter reads not more than 1.5 volts dc at jack J5. Then move the multimeter probe to jack J6 (fig. 3-14) and observe that the multimeter reads not less than 4.0 volts dc.

(8) Adjust the signal generator output frequency to 750 kHz at an output level of 0.1 volt rms and verify that the conditions recorded in step (7) are obtained.

(9) Adjust the signal generator output frequency to 550 kHz at a level of 0.1 volt rms and note that the waveform at jack J4 is slightly clipped.

(10) On the test fixture, rotate switch S2 to 6.0 with S1 remaining at O. Adjust the signal generator output frequency to 600 kHz at an output level of 0.1 volt rms.

(11) Observe that the multimeter reads not less than 4.0 volts dc at jack J5 (fig. 3-14). Then move the multimeter probe to jack J6 (fig. 3-14) and observe that the multimeter reads not more than 1.5 volts dc.

(12) Adjust the signal generator output frequency to 640 kHz at an output level of 0.1 volt rms and verify that the conditions recorded in step (11) are obtained.

(13) Adjust the signal generator output frequency to 660 kHz at an output level of 0.1 volt rms.

(14) Observe that the multimeter reads not more than 1.5 volts dc at jack J5. Then move the multimeter probe to jack J6 (fig. 3-14) and observe that the multimeter reads not less than 4.0 volts dc.

(15) Adjust the signal generator output frequency to 700 kHz at an output level of 0.1 volt rms and verify that the conditions recorded in step (14) are obtained.

(16) On the test fixture, rotate switches S1 and S2 to 9.0 and 9 respectively and adjust the

signal generator output frequency to 550 kHz at an output level of 0.1 volt rms.

(17) Observe that the multimeter reads not less than 4.0 volts dc at jack J5 (fig. 3-14). Then move the multimeter probe to jack J6 (fig. 3-14) and observe that the multimeter reads not less than 1.5 volts dc.

(18) Adjust the signal generator output frequency to 590 kHz at an output level of 0.1 volt rms and verify that the conditions recorded in step (17) are obtained.

(19) Adjust the signal generator output frequency to 610 kHz at an output level of 0.1 volt rms.

(20) Observe that the multimeter reads not more than 1.5 volts dc at jack J5 (fig. 3-14). Then move the multimeter probe to jack J6 (fig. 3-14) and observe that the multimeter reads not less than 4.0 volts dc.

(21) Adjust the signal generator output frequency to 650 kHz at an output level of 0.1 volt rms and verify that the conditions recorded in step (20) are obtained.

(22) Verify that the oscilloscope is connected to jack J4 and that the multimeter reads not less than 4.0 volts dc at jack J6, as in step (20). Then disconnect the signal generator, and observe that the multimeter reading remains essentially unchanged.

(23) Adjust the signal generator output frequency to 490 kHz at an output level of 0.1 volt rms and reconnect the output terminals to the common junction of T3-C165-R147 (fig. 3-56) in the module using the 0.01 microfarad capacitor as in step (2).

(24) Adjust the signal generator output frequency toward 600 kHz while observing the multimeter reading. A sharp decrease in the meter reading (to approximately 1.5 volts dc) must occur at, or above, 525 kHz.

(25) Connect the multimeter to jack J5 (fig. 3-14) and observe that the discriminator output is not less than 4.0 volts dc. Then disconnect the signal generator from the module and observe that the multimeter reading remains essentially unchanged.

(26) Adjust the signal generator output frequency to 810 kHz at an output level of 0.1 volt rms and reconnect the output terminals to the common junction of T3-C165-R147 (fig. 3-56) in the module using the 0.01 microfarad capacitor as in step (2).

(27) Adjust the signal generator output frequency toward 600 kHz while observing the multimeter reading. A sharp decrease in the meter reading (to approximately 1.5 volts dc) must occur at, or below, 675 kHz.

NOTE

If the error line voltages (measured at jacks J5 and J6) are not within the limits specified in steps (4) through (21), or if the error line voltage reversals measured in steps (24) and

(27) occur between 550- and 650-kHz, substitute a new value for resistance R144 (fig. 3-56) from the following table using the procedure in step i to obtain optimum operating characteristics.

Resistance Selection Chart

| Value | Part No. | Value | Part No. |
|-----------------|-------------|-----------------|-------------|
| 10.0 ± 1.0 ohms | RC07GF100K | 470 ± 47 ohms | RC07GF471K |
| 82.0 ± 8.2 ohms | RC07GF820K | 680 ± 68 ohms | RC07GF681K |
| 150 ± 15 ohms | RC07GF151K | 820 ± 82 ohms | RC07GF 821K |
| 220 ± 22 ohms | RC07GF 221K | 1000 ± 100 ohms | RC07GF102K |
| 330 ± 33 ohms | RC07GF331K | 1600 ± 150 ohms | RC07GF152K |

i. Error Voltage Balance Adjustment.

NOTE

Perform these procedures only if the error voltages or voltage reversals in step h are beyond acceptable limits.

(1) On the test fixture, set switch S1 to 0 and switch S2 to 6.0.

(2) Connect the signal generator output terminals to the common junction of T3-C165R147 (fig. 3-56) and adjust the output frequency to 660 kHz at an output level of 0.1 volt rms.

(3) Refer to figures 3-55 and 7-14. Connect the oscilloscope alternately to the collector circuit of transistor Q9 (common junction of Q9-C25-L3) and the collector circuit of transistor Q12 (common junction of Q12-C32-L6) while substituting values for resistor R144 (fig. 3-56).

(4) Select a suitable value of resistance for R144 from the chart above that provides maximum 10-kHz modulation at both Q9 and Q12 collector circuits.

NOTE

Some compromise in this resistance value will be required to obtain nearly equal levels of modulation at both collector circuits.

j. Anti-lock Test.

(1) Connect the signal generator output terminals to the common junction of T3-C165R147 (fig. 3-56) and adjust the output frequency to 700 kHz at an output level of 0.1 volt rms.

(2) Connect the oscilloscope to jack J4 on the module.

(3) Observe that the ANIT-LOCK lamp on the test fixture is lit.

(4) Increase the signal generator output level until the ANTI-LOCK lamp goes out. The voltage at jack J4 shall be 1.05 volts peak-to-peak on the oscilloscope.

(5) Lower the signal generator output level until the ANTI-LOCK lamp lights, and observe that the

voltage at jack J4 remains at 1.05 volts peak-to-peak approximately.

k. SMO Mixers Test.

(1) Connect signal generator no. 1 to the 5-14 MHz INPUT jack on the front of the test fixture.

(2) Connect the oscilloscope probe to the primary of transformer T1 (fig. 3-56, at junction with coaxial input cable near jack J2) on terminal board TB1.

(3) Adjust the output frequency of signal generator no. 1 to 5.0 MHz at an output level of 2.4 volts peak-to-peak on the oscilloscope.

(4) Connect signal generator no. 2 to the 2.512.5 MHz INPUT jack on the front of the test fixture, and move the oscilloscope probe to jack J3 (fig. 3-14).

(5) Adjust the output frequency of signal generator no. 2 to 2.55 MHz at an output level of 6.0 volts peak-to-peak on the oscilloscope.

(6) Connect the oscilloscope probe to jack J4 (fig. 3-14) and observe that the mixer output level is 1.5 ± 0.4 volts peak-to-peak.

(7) Repeat step (2) and adjust the output frequency of signal generator no. 1 to 6.0 MHz at an output level of 2.1 volts peak-to-peak on the oscilloscope.

(8) Repeat step (4) and adjust the output frequency of signal generator no. 2 to 3.55 MHz at an output level of 4.4 volts peak-to-peak on the oscilloscope.

(9) Repeat step (6). The mixer output shall be 1.5 ± 0.4 volts peak-to-peak.

(10) Repeat step (2) and adjust the output frequency of signal generator no. 1 to 7.0 MHz at an output level of 1.8 volts peak-to-peak on the oscilloscope.

(11) Repeat step (4) and adjust the output frequency of signal generator no. 2 to 4.55 MHz at an output level of 6.0 volts peak-to-peak on the oscilloscope.

(12) Repeat step (6). The mixer output shall be 1.5 ± 0.4 volts peak-to-peak.

(13) Repeat step (2) and adjust the output frequency of signal generator no. 1 to 8.0 MHz at an output level of 1.5 volts peak-to-peak on the oscilloscope.

(14) Repeat step (4) and adjust the output frequency of signal generator no. 2 to 5.55 MHz at an output level of 6.8 volts peak-to-peak on the oscilloscope.

(15) Repeat step (6). The mixer output shall be 1.5 ± 0.4 volts peak-to-peak.

(16) Repeat step (2) and adjust the output frequency of signal generator no. 1 to 9.0 MHz at an output level of 1.4 volts peak-to-peak on the oscilloscope.

(17) Repeat step (4) and adjust the output frequency of signal generator no. 2 to 6.55 MHz at an output level of 8.0 volts peak-to-peak on the oscilloscope.

(18) Repeat step (6). The mixer output shall be 1.5 ± 0.4 volts peak-to-peak.

(19) Repeat step (2) and adjust the output frequency of signal generator no. 1 to 10.0 MHz at an output level of 1.3 volts peak-to-peak on the oscilloscope.

(20) Repeat step (4) and adjust the output frequency of signal generator no. 2 to 7.55 MHz at an output level of 4.3 volts peak-to-peak on the oscilloscope.

(21) Repeat step (6). The mixer output shall be 1.5 ± 0.4 volts peak-to-peak.

(22) Repeat step (2) and adjust the output frequency of signal generator no. 1 to 11.0 MHz at an output level of 1.3 volts peak-to-peak on the oscilloscope.

(23) Repeat step (4) and adjust the output frequency of signal generator no. 2 to 8.55 MHz at an output level of 3.6 volts peak-to-peak on the oscilloscope.

(24) Repeat step (6) The mixer output shall be 1.5 ± 0.4 volts peak-to-peak.

(25) Repeat step (2) and adjust the output frequency of signal generator no. 1 to 12.0 MHz at an output level of 1.2 volts peak-to-peak on the oscilloscope.

(26) Repeat step (4) and adjust the output frequency of signal generator no. 2 to 9.55 MHz at an output level of 3.7 volts peak-to-peak on the oscilloscope.

(27) Repeat step (6). The mixer output shall be 1.5 ± 0.4 volts peak-to-peak.

(28) Repeat step (2) and adjust the output frequency of signal generator no. 1 to 13.0 MHz at an output level of 1.2 volts peak-to-peak on the oscilloscope.

(29) Repeat step (4) and adjust the output frequency of signal generator no. 2 to 10.56 MHz at an output level of 3.4 volts peak-to-peak on the oscilloscope.

(30) Repeat step (6). The mixer output shall be 1.5 ± 0.4 volts peak-to-peak.

(31) Repeat step (2) and adjust the output frequency of signal generator no. 1 to 14.0 MHz at an output level of 1.1 volts peak-to-peak on the oscilloscope.

(32) Repeat step (4) and adjust the output frequency of signal generator no. 2 to 11.55 MHz at an output level of 3.3 volts peak-to-peak on the oscilloscope.

(33) Repeat step (6). The mixer output shall be 1.5 ± 0.4 volts peak-to-peak

Section III. SPECIAL TEST FIXTURES

6-16. General

This section describes the special test fixtures required for performance of the reference standards tests described in the preceding sections of this chapter. Information is included that permits fabrication of the individual test fixtures from readily available parts, and includes parts lists, schematic diagrams and parts location photographs.

6-17. Test Fixture for Audio Frequency Amplifier AM-3506JPRC-47.

(fig. 7-15)

a. *The test fixture for Audio Frequency*

Amplifier AM-3506/PRC-47 contains all switches, jacks, lamps and meters necessary to electrically test and adjust the module without providing a complete AN/PRC-47 Radio Set. Power for the test fixture and the module under test is provided externally and connected to the test fixture by a specially fabricated cable attached to power connector J2 at the rear of the test fixture.

b. *The operating controls on the front panel of the test fixture (fig. 6-4) perform the following functions:*

(1) POWER ON-OFF switch. This toggle switch controls the +24 volts dc and -7 volts dc

input voltages to the test fixture and the module.

(2) POWER ON lamp. This indicator is lit when power is connected to the test fixture and the POWER ON-OFF switch is in the ON position.

(3) POWER 24 VDC 1/2 AMP fuse. This protective device is connected in the +24 volts dc primary power circuit to protect it from overload.

(4) PTT ON-OFF-MOM ON switch. This toggle switch enables the transmit mode in the module when placed in either the ON or MOM ON positions for simulated voice operation.

(5) KEY ON OFF-MOM ON switch. This toggle switch enables the transmit mode in the module when placed in either the ON or MOM ON positions for simulated telegraph operation.

(6) +20V/ +24V switch. This rotary switch places the MODULE CURRENT meter in series with either the +20 volts power input to the module, or the

+24 volts power input to the module to determine the circuit current drain.

(7) MODULE CURRENT meter. This 0- 150 millimeter indicates the dc current drain of the module.

(8) VOX ON lamp. This indicator is lit whenever the PTT ON-OFF-MOM ON switch is placed to ON or MOM ON.

(9) SIDETONE GATE ADJUST control. This potentiometer varies the sidetone gate bias applied to the receiver amplifier circuit of the module.

(10) Test jacks and binding poets are provided for the attachment of signal leads and test equipment and are self-explanatory.

c. The piece parts required for fabrication of the test fixture are listed in the following chart and suggested parts placement is shown in figures 6-17 and 6-18. Schematic diagram (fig. 715) illustrates the internal circuit of the test fixture.

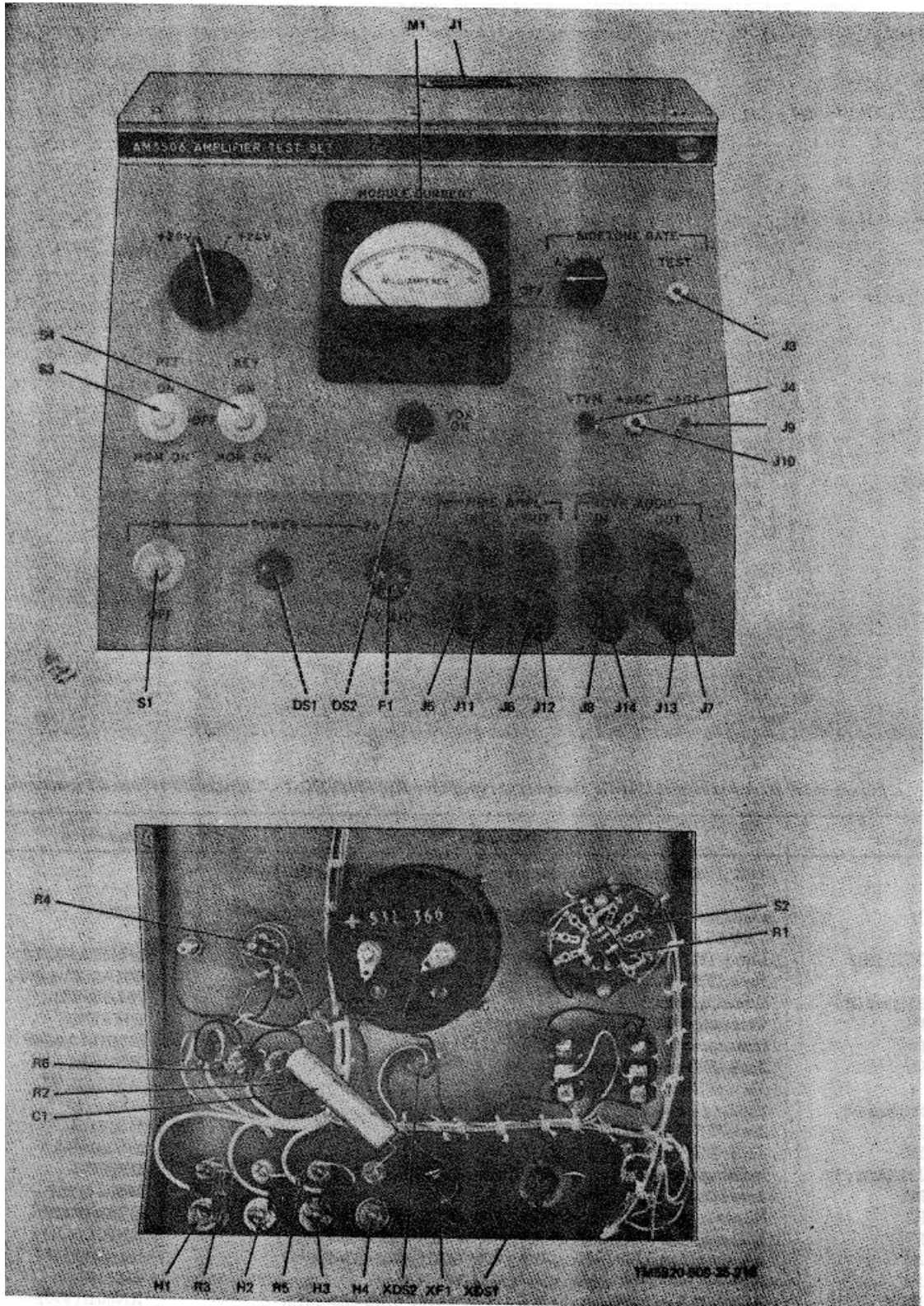


Figure 6-17. Test Fixture for Audio Frequency Amplifier AM-3506/PRC47, Parts Location.

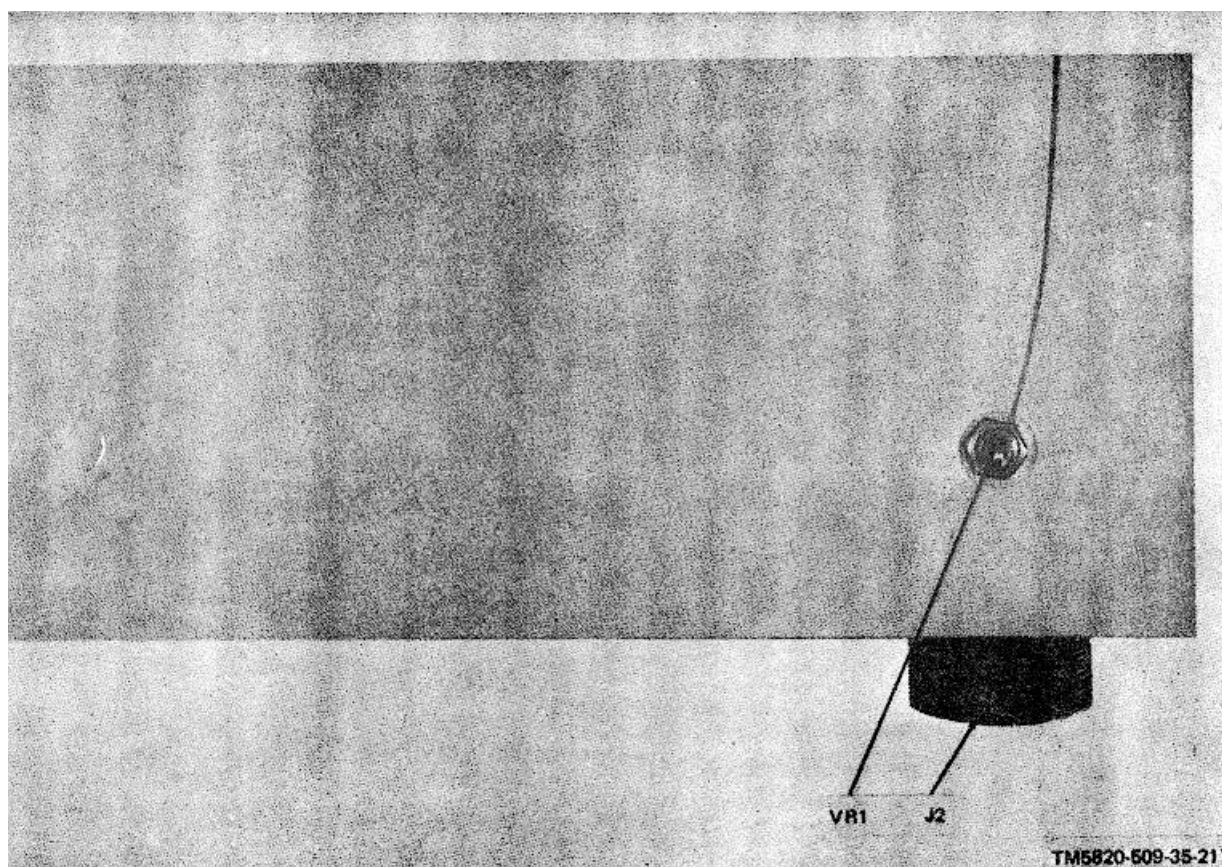


Figure 6-18. Test Fixture for Audio Frequency Amplifier AM-3506/PRC-47, Chassis Parts and Connector Location.

| Symbol | Description | Mfgr Part No. | Mfgr Code |
|--------------|---|----------------|-----------|
| | Test Fixture for Audio Frequency Amplifier AM-3506/PRC-47 | | |
| C1 | Capacitor fixed, 100 uf P100M10%,%, 60 vdcw (FSN 5910-829-0109TA; | D31971 | 66280 |
| DS1, DS2 | Lamp (FSN 6240 069 6349) | MS25237-327-15 | |
| F1 | Fuse (FSN 5920-281-0224) | F02A250V1-2AS | |
| H1 thru H4 | Contact, electrical | 767 5609-001 | 13499 |
| J1 | Connector (FSN 5935-883-0218) | DBMF25S | 71468 |
| J2 | Connector | MS3102A24-28P | |
| J3 | Jack (FSN 5935-685-9396) | MS16108-1A | |
| J4 | Jack (FSN 6935-578-3489) | MS16108-2A | |
| J5 thru J8 | Binding poet (FSN 5940-816-8363) | DF30GNC | 58474 |
| J9 | Jack (FSN 5935-577-2338) | MS16108-6A | |
| J10 | Jack (FSN 5935-681-5689) | MS16108-8A | |
| J11 thru J14 | Binding poet (FSN 5940-556-6194) | DF30BC | 58474 |
| M1 | Ammeter, 0 - 160 ma. | MS31-2-218 | 82386 |
| R1 | Resistor fixed, 33 ohms 10%, 2 W (FSN 6806-270-2630) | RC42GF330K | |
| R2 | Resistor, fixed, 61.1 ohms 1%, 1/4 W (FSN 5905-957-8633) | RN60D51 R1F | |
| R3 | Resistor, fixed 300 ohms, 6%, 2 W (FSN 5905-279-2024) | RC42GF301J | |
| R4 | Resistor var., 1000 ohms 10% 12.6 W | E-0119 | 01121 |
| R5 | Resistor, fixed 147 ohms, 1%, 'A W (FSN 5905-069-3910) | RN60D1470F | |
| R6 | Resistor, fixed, 22,000 ohms 10% 1 W (FSN 5906-299-2019) | RC32GF223K | |
| S1 | Switch (FSN 6930-665-15B2) | MS35059-23 | |
| S2 | Switch, wafer 3 cir. | 266738-H1 | 76864 |
| S3, S4 | Switch (FSN 5930-665-1523) | ST42H | |

| Symbol | Description | Mfgr Part No. | Mfgr Code |
|------------|--------------------------------------|---------------|-----------|
| VR1 | Semiconductor device, diode, 20 V 5% | 1N2984B | |
| XDS1, XDS2 | Light (FSN 6210-825-2051) | 101-3830-9 | 72619 |
| | Lens, p/o XDS1 (FSN 6210-511-8208) | 101-972 | 72619 |
| | Lens p/o XDS2 (FSN 6210-174-4680) | 101-974 | 72619 |
| XF1 | Fuseholder (FSN 5920-284-7144) | HKPH | 71400 |

Note. All manufacturer's codes are 5-digit numbers. The corresponding manufacturer's name and address are listed in SB 708-42 Catalog Handbook (H4-2).

6-18. Teat Fixture for Amplifier-Modulator AM-3507/PRC-47

(fig. 7-16)

a. The teat fixture for Amplifier-Modulator AM-3507/PRC-47 contains all switches, jacks, tamps, and meter necessary to electrically test and adjust the module without providing a complete AN/PRC-47 Radio Set. Power for the test fixture and the module under test is provided externally and is connected to the test fixture by a specially fabricated cable attached to power connector J3 at the rear of the teat fixture.

b. The operating controls on the front panel of the test fixture (fig. 6-5) perform the following functions:

(1) POWER ON-OFF switch. This toggle switch controls the +20 volts dc the +6 volts dc and the -110 volts dc input voltages to the test fixture and the module.

(2) POWER lamp. This indicator is lit when power is connected to the +20 volts dc input of the teat fixture and the POWER ON-OFF switch is in the ON position.

(3) POWER 1/2 AMP 28 VDC fuse. This protective device is connected in the +20 volts dc primary power circuit to protect it from overload.

(4) ALC BIAS ON-OFF switch. This switch controls the +6 volt dc alc bias applied to the module under test.

(5) ALC BIAS ADJUST control. This potentiometer varies the magnitude of effective bias on the -alc line to the module being tested

(6) MICROAMPERES meter. This 0 - 50 microammeter indicates the amount of alc bias current flowing in the module.

(7) METER RANGE 50 - 200 switch. This switch, when placed in the 200 position, connects a shunt across MICROAMPERES meter to extend its range to 200 microamperes.

(8) XMIT RCVR switch. This toggle switch selects the transmit mode, or the receive mode of operation for the module under test.

(9) AGC ON-OFF switch. This toggle switch, when placed in the ON position, applies positive agc bias to the module under test.

(10) AGC ADJUST control. This potentiometer varies the magnitude of bias applied to the agc bias input to the module being tested.

(11) Test jacks and coaxial connectors are provided for the attachment of signal leads and test equipment and are self-explanatory.

c. The piece parts required for fabrication of the test fixture are listed in the following chart and suggested parts placement is shown in figures 6-19 and 6-20. Schematic diagram (fig. 716) illustrates the internal circuit of the test fixture.

d. The following calibration procedure is required prior to initial use of the test fixture, and should be verified from time to time prior to its use.

(1) Remove the dust cover from the test fixture and connect the 20 volts dc power supply to the power cable.

(2) Apply primary power to the 20 volts dc power supply and adjust the power supply output voltage to 20.0 ± 0.5 volts.

(3) Connect the frequency counter and multimeter rf probe to connector J2 at pin A2.

(4) Place the POWER ON-OFF switch on the test fixture to ON and permit the test fixture to stabilize for at least five minutes. Place the XMIT-RCVR switch to XMIT.

(5) Adjust capacitor C6 (fig. 6-20 and fig. 7. 16) until the frequency counter indicates $500,000.00 \pm 1.0$ Hz; then adjust potentiometer R4 (fig. 6-20 and fig. 7-16) for a multimeter reading of +1.5 volts rms.

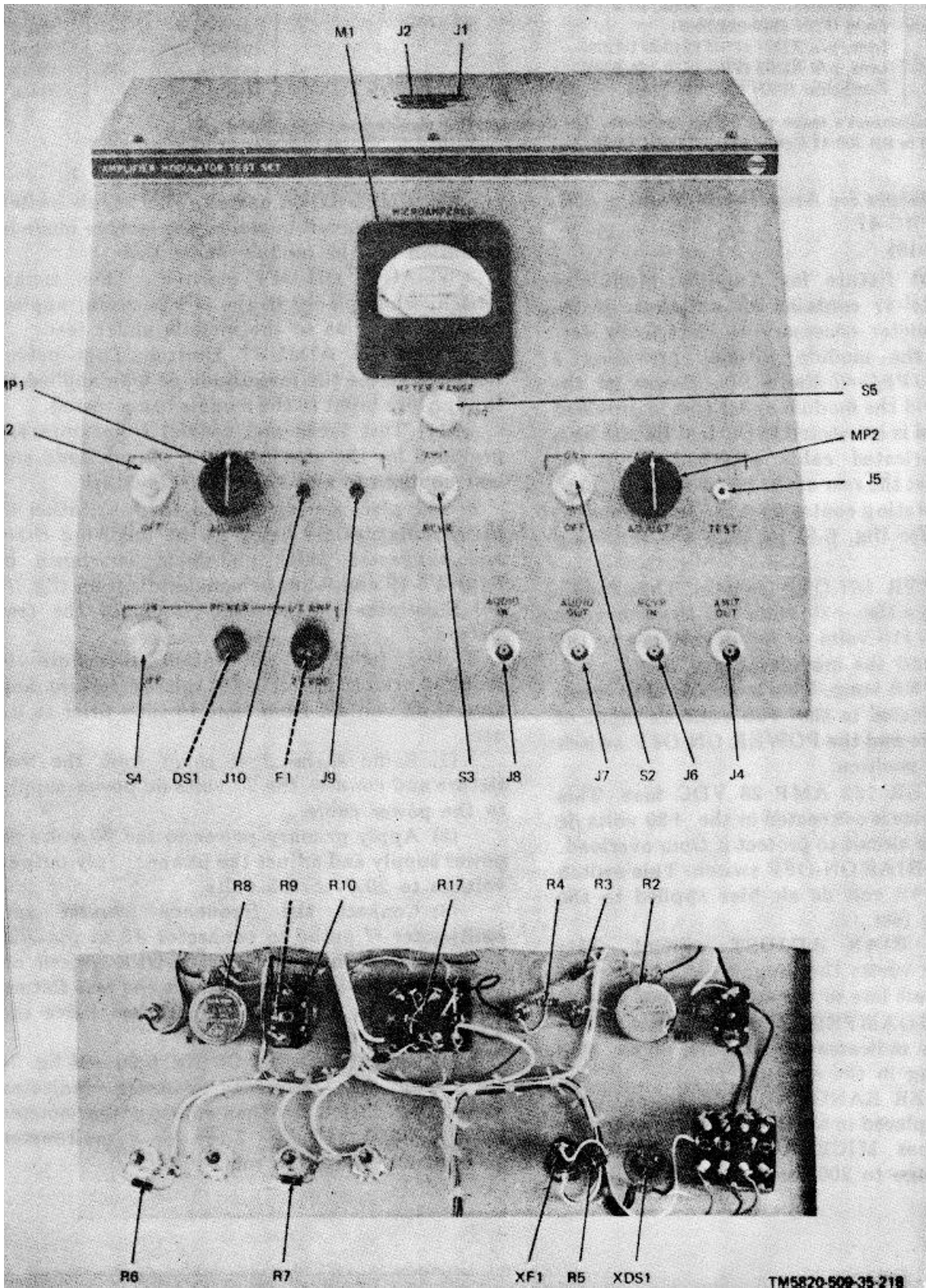


Figure 6-19. Test Fixture for Amplifier-Modulator AM-3507/PRC-47 Parts Location.

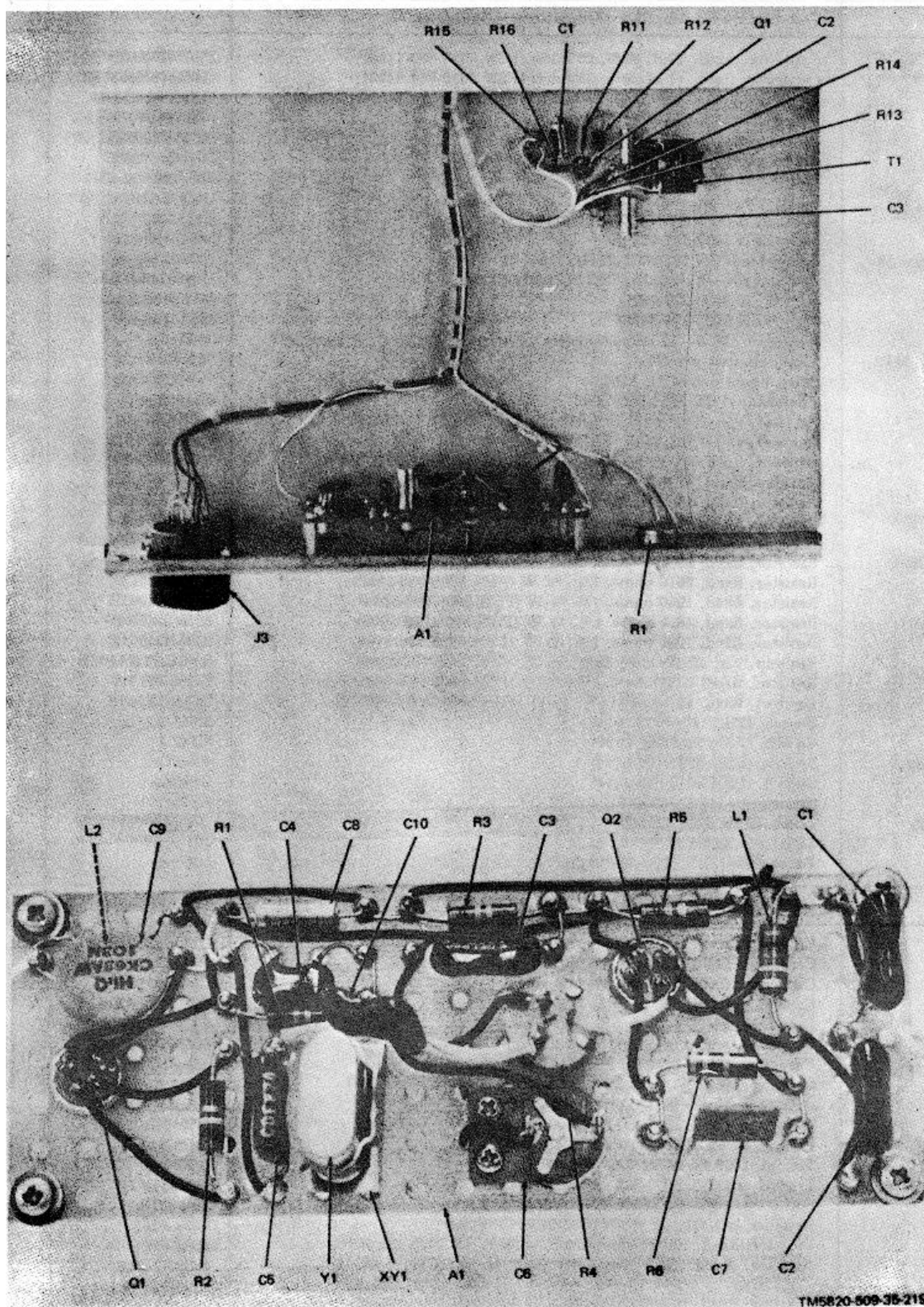


Figure 6-20. Test Fixture for Amplifier-Modulator AM-3507/PRC-47, Chassis Parts and Subassembly A1 Placement.

| Symbol | Description | Mfgr Part No. | Mfgr Code |
|------------|--|-----------------|-----------|
| | Test Fixture for Amplifier-Modulator AM-3507/PRC-47 | | |
| C1, C2 | Capacitor, fixed, 47uf, 20%, 20 vdcw (FSN 5910-800-1130) | 150D476X0020R2 | 56289 |
| C3 | Capacitor, fixed, 47 uf 20%, 35 vdcw (FSN 5910-834-8493) | 150D476X0035S2 | 56289 |
| DS1 | Lamp (FSN 6240-059-5349) | MS25237-327- 15 | |
| F1 | Fuse (FSN 5920-281-t)224) | F02A250V1 -2AS | |
| J1 | Connector (FSN 5935-089-1165) | DBMF13W3S | 71468 |
| J2 | Connector (FSN 5935-983-2615ZB) | DNMF7W2S | 71468 |
| J3 | Connector | MS3102A24-28P | |
| J4 | Connector (FSN 5935-755-2,741) | UG912AU | |
| J5 | Contact, p/o J4 (FSN 5935-021-2118) | DM53743-5058 | 91146 |
| J6 thru J8 | Jack (FSN 5935-6t71-5689) | MS16108-8A | |
| | Connector (FSN 5935-755-2741) | UG912AU | |
| J9 | Contact, p/o J6 thru J8 (FSN 5935-02H2118) | DM53743-5058 | 91146 |
| J10 | Jack (FSN 5935-577-2326) | MS16108-3A | |
| M1 | Jack (FSN 5935-578-3489) | MS16108-2A | |
| MP1, MP2 | Ammeter, DC 0 - 50 microamperes | 3860 | 55026 |
| | Knob, pointer, p/o S3 | 757-0230-003 | 13499 |
| | Skirt, knob, p/o MP1, MP2 | 757-0220-003 | 13499 |
| Q1 | Transistor (FSN 5961-808-7498) | 2N1038 | |
| R1 | Resistor, var. 1000 ohms, 5%, 3A W (FSN 5905-717-5884) | RT12C2P102 | |
| R2 | Resistor, var. 1 Megohm, 10%, 2 W | RV4NAYS105A | |
| R3 | Resistor, fixed, 30,000 ohms 5%, 1/2 W (FSN 5905-192-3978) | RC20GF303J | |
| R4 | Resistor, fixed, 47,000 ohms 10% 1/2 W (FSN 5905-295-3410) | RC20GF473K | |
| R5 | Resistor, fixed, 68 ohms, 5% 1/2 W (FSN 5905-195-5571) | RC20GF680J | |
| R6, R7 | Resistor, fixed, 1000 ohms, 10%, 1/2 W | RC20GF102R | |
| R8 | Resistor, var. 10,000 ohms, 10% 2 W | RV4NAYS103A | |
| R9, R10 | Resistor, fixed, 22,000 ohms, 10% 1/2 W (FSN 5905-171-2004) | RC20GF223K | |
| R11 | Resistor, fixed, 2610 ohms, 1%, 1/4 W (FSN 5905-068-1538) | RN60D2611F | 81349 |
| R12 | Resistor, fixed, 1960 ohms, 1 % 1/4 W (FSN 5905-069-3914) | RN60D1961F | 81349 |
| R13 | Resistor, fixed, .46.4 ohms, 1%, 1/4 W (FSN 5905-069-3908) | RN60D46R4F | 81349 |
| R14 | Resistor, fixed, 1000 ohms, 1%, % W (FSN 5095-883-91981) | RN65D 1001 F | 81349 |
| R15 | Resistor, var. 1000 ohms, 20%, 1/2 W (FSN 5905-502-3156) | RV6LAYS102B | |
| R16 | Resistor, fixed, 6190 ohms, 1%, 1/4 W (FSN 5905-984-7682CX) | RN60D6191F | 81349 |
| R17 | Resistor, fixed, 68 ohms, 10%, 1/4 W (FSN 5905-726-6836NT) | RC07GF680K | 81349 |
| S1 | Switch, (FSN 5930-655-1514) | ST42A | |
| S2 | Switch, (FSN 5930-229-3390) | ST42D | |
| S3, S4 | Switch, (FSN 5293-108-6744) | 7665K4 | |
| S5 | Switch, (FSN 5930-655- 1514) | ST42A | |
| T1 | Transformer (FSN 5950-812-0292ZX) | A12425 | 70674 |
| XDS1 | Light, (FSN 6210-825-2051) | 101-3830-9 | 72619 |
| | Lens, p/o XDS1 (FSN 6210-511-8208) | 101-972 | 72619 |
| XF1 | Fuseholder (FSN 5920-284-7144) | HKPH | 71400 |
| A1 | Oscillator Assembly | 768-7834-001 | 13499 |
| C1 | Capacitor, fixed, 3300 pf, 5%, 500 vdcw | CM06F332J03 | |
| C2 | Capacitor, fixed, 4700 pf, 5% 500 vdcw | CM06F472J03 | |
| C3 | Capacitor, fixed, 1000 pf, 5% 500 vdcw | CM06F102J03 | |
| C4 | Capacitor, fixed, 390 pf, 5%, 500 vdcw | CM05F391J03 | |
| C5 | Capacitor, fixed, 820 pf, 5%, 500 vdcw | CM06F821J03 | |
| C6 | Capacitor, var. 8 to 50 pf, 500 vdcw | 503001E2P034R | 72982 |
| C7 | Capacitor, fixed, 0.33 uf, P80M20%, 25 vdcw | | 56289 |
| C8 | Capacitor, fixed, 4.7 uf, 20%, 35 vdcw (FSN 5910-542-7387) | 150D475X0035B2 | 56289 |
| C9 | Capacitor, fixed, 10,000 pf, 20% 500 vdcw | CK63AW 103M | |
| C10 | Capacitor, fixed, 1000 pf, 5%, 500 vdcw | CM06F102J03 | |
| L1 | Coil, rf, 47 uh (FSN 5950-842-2245) | MS90538-04 | |
| L2 | Coil, rf, 1000 uh (FSN 5950-060-9188) | MS90539-15 | |
| Q1, Q2 | Transistor (FSN 5960-809-1870) | 2N 1285 | |
| | Socket, p/o Q1, Q2 (FSN 5935-759-5852CX) | 05-3307-51 | 91662 |
| | Retainer, p/o Q1, Q2 (FSN 5935-523-1777E222) | 0004-7202S | 91662 |
| R1 | Resistor, fixed, 10,000 ohms, 10% 1/2 W (FSN 5905-185-8518) | RC20GF103K | |
| R2 | Resistor, fixed, 0.10 Megohm, 10% 1/2 W- (FSN 5905-192 3987CA) | RC20GF104K | |
| R3 | Resistor, fixed, 10,000 ohms, 10% 1/2 W (FSN 5905-185-8518, | RC07GF103K | |
| R4 | Resistor, var. 1000 ohms, 20 %, 1/2 W (FSN 5905-502-3 156) | RV6LAYS102B | |

| Symbol | Description | Mfgr Part No. | Mfgr Code |
|-----------------------|---|---|-----------|
| R5 R6 Y1 XY1 | Resistor, fixed, 10,000 ohms, 10%, 1/2 W (FSN 5905-185-8518) Resistor, fixed, 3300 ohms, 10%, 1/2 W (FSN 5905-195-6502) Crystal Unit, Quartz, 500.000 kHz (FSN 5955-892-3210) Socket (FSN 5935-201 7119) | RC20GF103K RC20GF332K CR46AU500-00KC TS0205CO1 | |

Note. All manufacturer's codes are 5-digit numbers. The corresponding manufacturer's name and address are listed in SB 708-42 Catalog Handbook (H4-2).

**6-19. Test Fixture for Signal Data Translator
CV-1377A/PRC-47
(fig. 7-17)**

a. The test fixture for Signal Data Translator CV-1377A/PRC-47 contains all switches, jacks, and lamps necessary to electrically test and adjust the module without providing a complete AN/PRC-47 Radio Set. Indexing fixture (fig. 6-7) is attached to the coupling end of the module to permit accurate indexing of the bandswitch and the slug rack during maintenance procedures. Power for the test fixture and the module under test is provided externally and is connected to the test fixture by a specially fabricated cable attached to power connector J5 at the rear of the test fixture.

b. The operating controls on the front panel of the test fixture (fig. 6-6) perform the following functions:

(1) POWER ON -OFF switch. This toggle switch controls the 115 volts, 400 Hz ac, the +19.5 volts dc, and the +26.5 volts dc input voltages to the test fixture and the module under test.

(2) POWER lamp. This indicator is lit when power is connected to the 115 volts, 400 Hz primary power circuit and the POWER ON-OFF switch is in the ON position.

(3) POWER 115 VAC 1/4 AMP fuse. This protective device is connected to the 115 volts, 400 Hz primary power circuit to protect it from overload.

(4) POWER 19 VDC 1/2 AMP fuse. This protective device is connected to the +19.5 volts dc primary power circuit to protect it from overload.

(5) POWER 6.3 VAC 1 AM P fuse. This protective device is connected to the secondary winding of transformer T1 and protects this 6.3 volts winding from overload.

(6) POWER 26.5 VDC 1 AMP fuse. This protective device is connected in the +26.5 volts primary power circuit to protect it from overload.

(7) AVC ON-OFF switch. This toggle switch selects a variable negative bias for the avc circuits when placed in the ON position.

(8) FUNCTION SEL RCVR-XMIT switch. This toggle switch selects the receive or transmit mode for the module under test.

(9) ERROR B ADJ control. This potentiometer controls the level of external error voltage B.

(10) ERROR A ADJ control. This potentiometer controls the level of external error voltage A.

(11) LOOP SEL OPEN-CLOSED switch. This toggle switch selects external error voltages A and B in the OPEN position to permit calibration of the CV-1377A/PRC-47 master Oscillator. In the CLOSED position, the error voltages generated by the C-4311/PRC-47 are applied to the master oscillator.

(12) OSC CONTROL S1 switch. This rotary switch selects the proper crystal for operation with oscillator Q20.

(13) OSC CONTROL S2 switch. This rotary switch selects the proper crystal for operation with oscillator Q21.

(14) Test jacks and binding posts are provided for the attachment of signal leads and test equipment and are self-explanatory.

c. The piece parts required for fabrication of the test fixture are listed in the following chart and suggested parts placement is shown in figures 6-21 through 6-23 inclusive. Schematic diagram (fig. 7-17) illustrates the internal circuit of the test fixture.

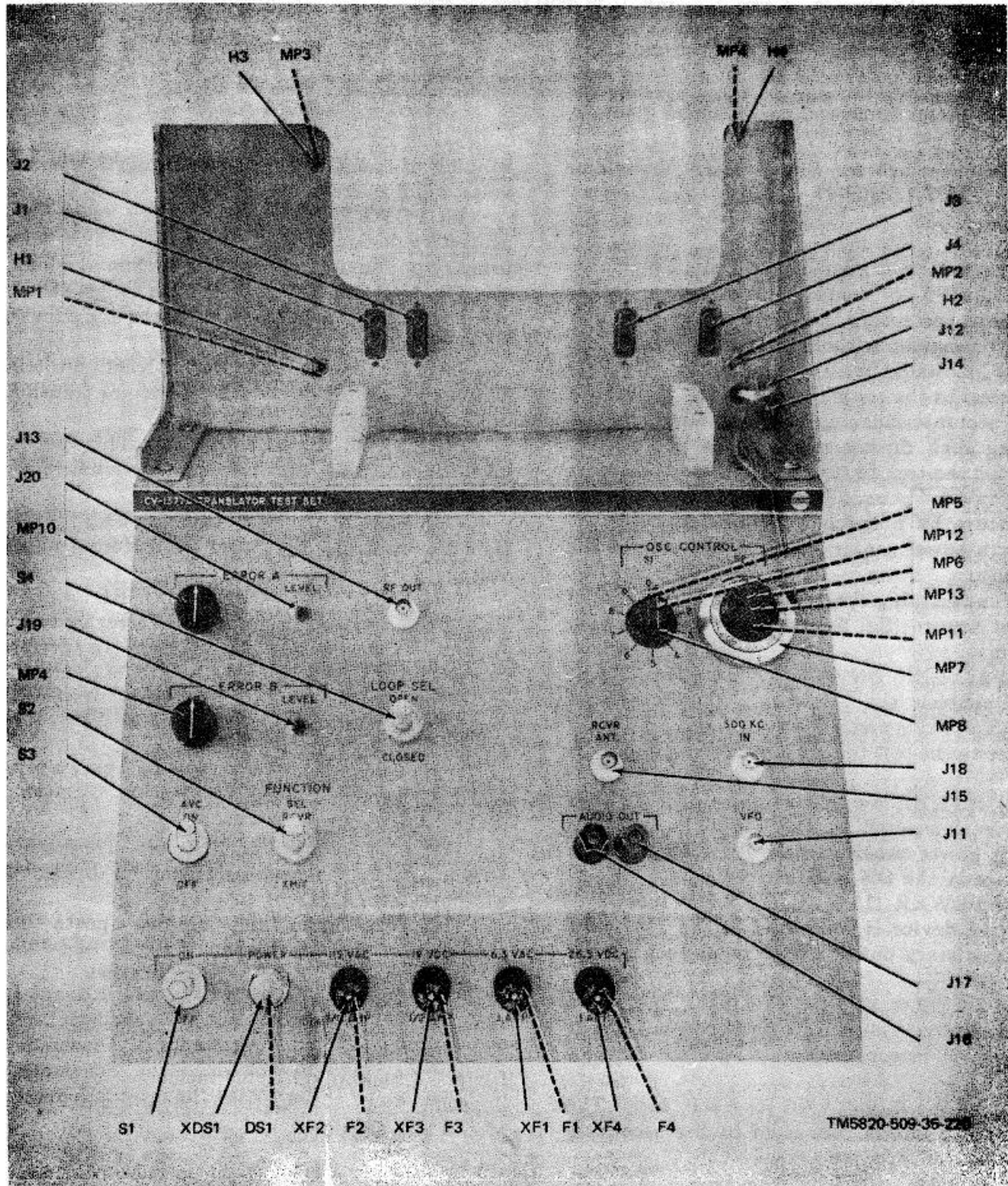


Figure 6-21. Test Fixture for Signal Data Translator CV-1377A/PRC-47, Front View, Parts Location.

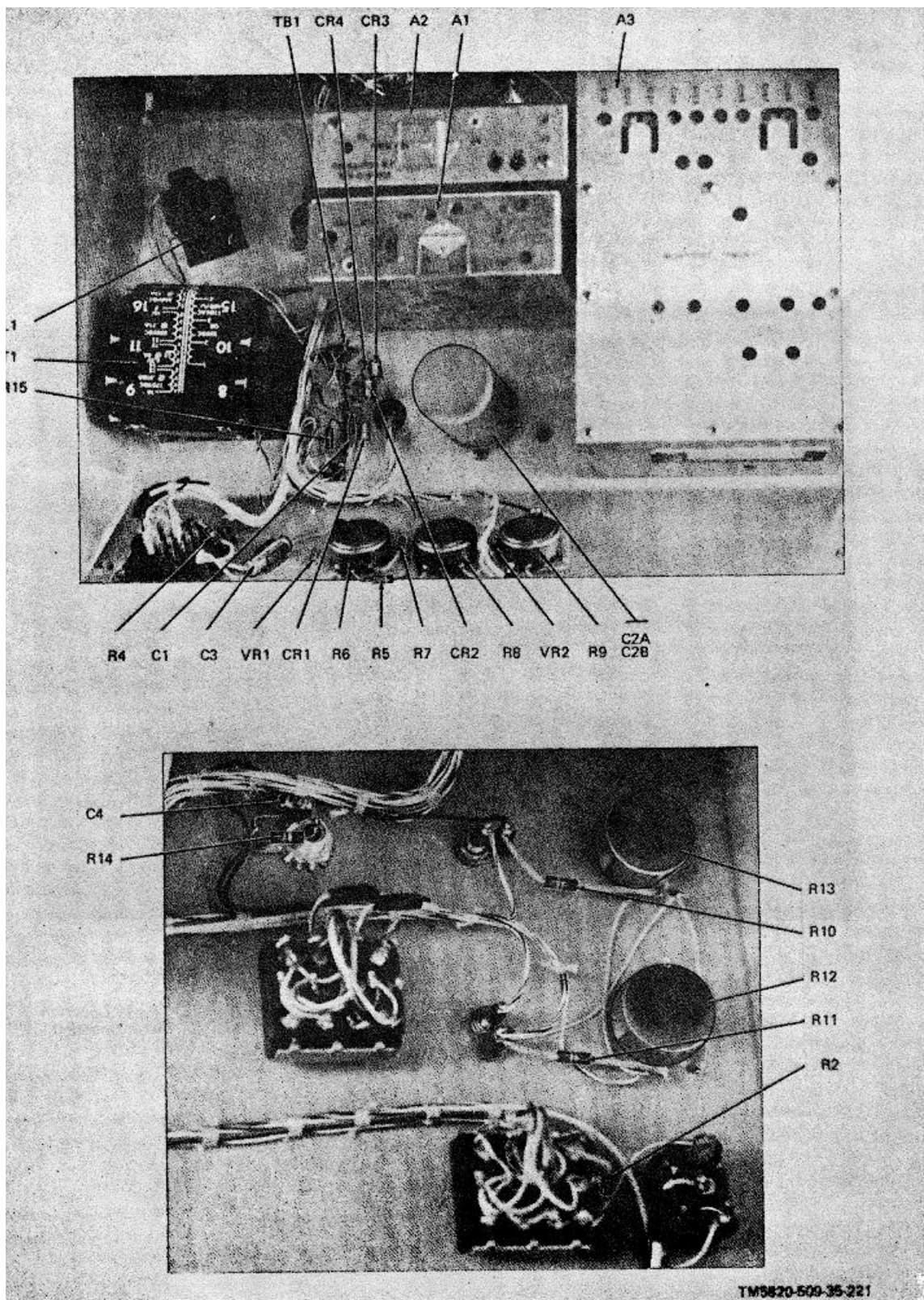


Figure 6-22. Test Fixture for Signal Data Translator CV-1377A/PRC-47, Parts Location.

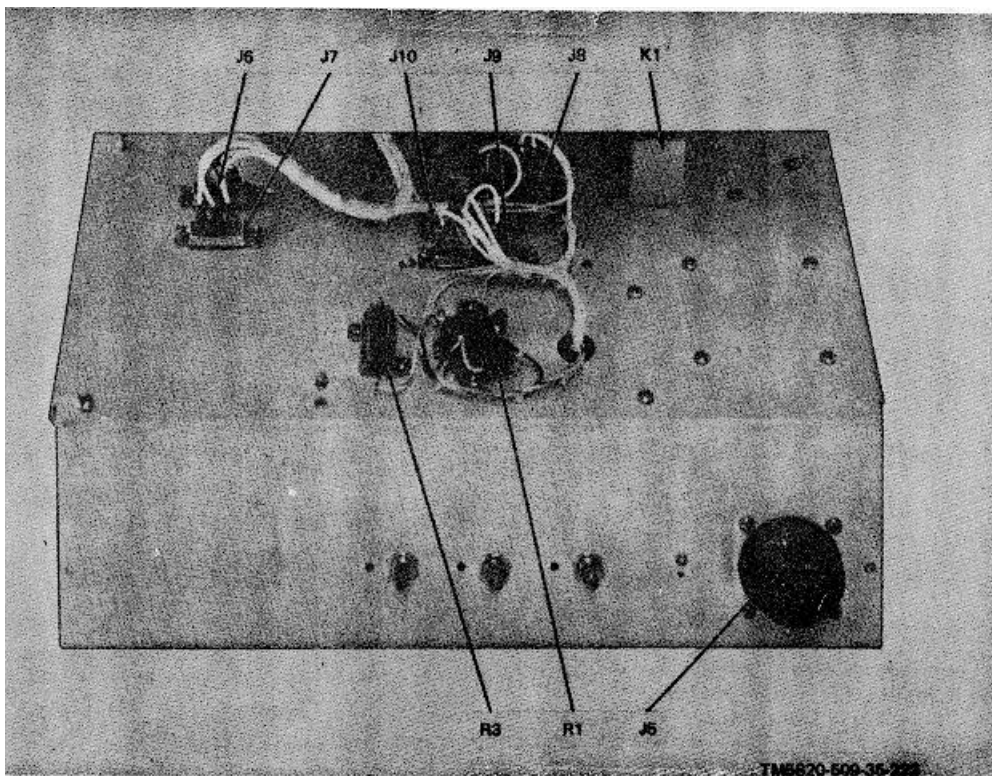


Figure 6-23. Test Fixture for Signal Data Translator CV-1377A/PRC-47, Parts Location.

| Symbol | Description | Mfgr Part No. | Mfgr Code |
|--------------|--|---------------|-----------|
| | Test Fixture for Signal Data Translator CV-1377A/PRC-47 | | |
| C1 | Capacitor, fixed, 10,000 pf, 20%, 500 vdcw | CK63AW103M | |
| C2 | Capacitor, fixed, 35 uf, P100M10%%, 450 vdcw ((FSN 5910-954-3038) | D42974 | 56289 |
| C3 | Capacitor, fixed, 4 of, 15%, 100 vdcw (FSN 5910-838-5715) | CL21CN040SP3 | |
| C4 | Capacitor, fixed, 5.0 + 0.5 pf, 500 vdcw | CC20CH050D | 81349 |
| CR1 thru CR4 | Semiconductor device, diode /FSN 5961-845-0766) | 1N2615 | |
| DS1 | Lamp (FSN 6240-682-3411) | NE51H | 08806 |
| F1 | Fuse (FSN 5920-280-4465) | F02A250V1AS | |
| F2 | Fuse (FSN 5920443-2641) | F02A250V1-4AS | |
| F3 | Fuse (FSN 5920-281-0224) | F02A250V1-2AS | |
| F4 | Fuse (FSN 5920-280 4465) | F02A25CVIAS | |
| H1, H2 | Thumbscrew | 761-9648-015 | 13499 |
| H3, H4 | Thumbscrew | 761-9648-004 | 13499 |
| J1 thru J4 | Connector /FSN 5935-983-2615ZB) | DAMF7W2S | 71468 |
| | Connector p/o J1 thru J4 (FSN 5825-981-1466ZX) | DM53743-5005 | 71468 |
| | Connector insert p/o J1 thru J4 (FSN 5935480-02fi8) | DM53742-5000 | 71468 |
| J5 | Connector | MS3102A24-28P | |
| J6 | Connector /FSN 5935-983-2615ZB, | DAMF7W2S | 71468 |
| | Connector insert p/o J6 (FSN 5935480-0268) | DM53742-5000 | 71468 |
| J7 | Connector (FSN 5936489-6921) | DAMF3W3S | 71468 |
| | Connector insert p/o J7 /FSN 5935-080-0268) | DM63742-5000 | 71468 |
| J8 | Connector /FSN 5935-983-2615ZB) | DAMF7W2S | 71468 |
| | Connector insert p/o J8 (FSN 59354804268) | DM53742-5000 | 71468 |
| J9 | Connector (FSN 5936 089-1166) | DBMF13W3S | 71468 |
| | Connector insert p/o J9 (FSN 5935480-0268) | DM53742-5000 | 71468 |
| J10 | Connector (FSN 5935-983-2615ZB) | DAMF7W2S | 71468 |
| J11 | Connector (FSN 5935-755-2741) | UC912AU | |
| J12 | Jack /FSN 5935-577-W) | MS16108-5A | |
| J13 | Connector (FSN 6935-755-2741) | UG912AU | |
| J14 | Jack /FSN 5935-577-2337) | MS16108-5A | |
| J15 | Connector /FSN 5935-755-2741) | UC912AU | |
| J16 | Binding post /FSN 5940-556-6194) | DF30BC | 58474 |
| J17 | Binding post /FSN 5940-356-2493) | DF30RC | 58474 |
| J18 | Connector /FSN 5985-755-2741) | UC912AU | |
| J19, J20 | Jack /FSN 5935-578-3489) | MS16108-2A | |
| K1 | Relay, armature | 22700-18 | 77523 |
| L1 | Reactor, 0.05 H. (FSN 5950-984-2278ZX) | A12408 | 70674 |
| MP1, MP2 | Spring, Helical compression (FSN 5821-506-7304) | 340-0001-000 | 91314 |
| MP3, MP4 | Spring, Helical compression (FSN 5340-811-9737) | 340-0419-000 | 91314 |
| MP5, MP6 | Coupling, split hub (FSN 5821-510-4843) | 540-7421-003 | 13499 |
| MP7 | Dial (FSN 5355-587-6846) | RBC | 73138 |
| MP8 | Pointer, knob | 757-0230-001 | 13499 |
| | Skirt, knob p/o MP8 | 757-0220-001 | 13499 |
| MP9, MP10 | Knob, round (FSN 5355-931-1492ZXI) | 757-0228-002 | 13499 |
| MP11 | Shaft, str | 761-9639-019 | 13499 |
| MP12, MP13 | Clamp, loop (FSN 5821-396-3116) | 504-7537-002 | 13499 |
| R1 | Resistor, fixed, 470 ohms, 5%, 3 W (FSN 5905-925-5518ZX) | RW69V471 | |
| R2 | Resistor, fixed, 0.33 Megohm, 10%, 1/2 W (FSN 5905-221-5860) 5860) | RC20CF334K | |
| R3 | Resistor, fixed, 4750 ohms, 1%, 15 W (FSN 5905-952-9232) | RE70G4751 | |
| R4 | Resistor, fixed, 27,000 ohms, 10%, 1/2 W (FSN 6905-195-6758) | RC20GF273K | |
| R5 | Resistor, fixed, 82,000 ohms, 10%, 1/2 W ((FSN 5905-254-7097) | RC20GF823K | |
| R6 | Resistor, var. 10,000 ohms, 10%, 2 W | RV4NAYS103A | |
| R7 | Resistor, fixed, 15,000 ohms, 10%, * W /FSN 5906-190-8876) | RG20GF153K | |
| R8 | Resistor, var. 10,000 ohms, 10%, 2 W | RV4NAYS103A | |
| R10, R11 | Resistor, fixed, 0.27 Megohm, 10%, 1/2 W (FSN 5905-643 5140) | RC20G F274K | |
| R12, R13 | Resistor, var. 0.25 Megohm, 10%, 2 W | RV4NAYS254 | |
| R14 | Resistor, fixed, 27,000 ohms, 10%, 1/2 W (FSN 5905-196-6768) | RC20GF273K | |
| R15 | Resistor, fixed, 6800 ohms, 10%, 1/2 W (FSN 5905-245-00231 | RC20CF682K | |
| S1, S2 | Switch (FSN 5293-108-6744) | 7665K4 | |
| S3 | Switch (FSN 5930-229-3390) | ST42D | |
| S4 | Switch (FSN 5293-108-6744) | 7666K4 | |
| TB1 | Terminal board | 332-14-07-039 | 71786 |

| Symbol | Description | Mfgr Part No. | Mfgr Code |
|----------------------|--|----------------------------|----------------|
| T1 VR1 VR2 | Transformer (FSN 5950-982-3748ZX) Semiconductor device, zener diode 39 v, 5% Semiconductor device, zener diode 6.2 v, 5% (FSN 5960-752-0179) | BC3069 1N975B 1N753A | 97315 |
| XDS1 XF1 thru XF4 | Lampholder Fuseholder (FSN 5920-284-7144) | 95408H935 HKPH | 72619 71400 |

Note. All manufacturer's codes are 5-digit numbers. The corresponding manufacturer's name and address are listed in SB 708-42 Catalog Handbook (H4-2).

6-20. Test Fixture for Power Supply PP-3518/PRC-47 (fig. 7-18)

a. The test fixture for Power Supply PP-3518/PRC-47 contains all switches, jacks, meters, and lamps necessary to electrically test and adjust the module without providing a complete AN/PRC-47 Radio Set. Power for the test fixture and the module under test is provided externally and is connected to the test fixture by a specially fabricated cable attached to power connector J2 at the rear of the test fixture.

b. The operating controls on the front panel of the test fixture (fig. 6-8) perform the following functions:

(1) 115 VAC ON-OFF switch. This toggle switch controls the 115 volts, 400 Hz ac and interlocks the +23 volt dc circuit between the module under test and the test fixture load circuits.

(2) 115 VAC lamp. This indicator is lit when power is connected to the 115 volts, 400 Hz primary power circuit and the 115 VAC ON-OFF switch is in the ON position.

(3) 115 VAC 5 AMP fuse. This protective device is connected to the 115 volts, 400 Hz primary power circuit to protect it from overload.

(4) +23V ON-OFF switch. This toggle switch controls the +23 volts dc primary power circuit and interlocks it with the 115 volts, 400 Hz primary power circuits to prevent both being energized at one time.

(5) +23V lamp. This indicator is lit when power is connected to the +23 volt primary power circuit and the +23V ON-OFF switch is in the ON position.

(6) +23V 15 AMP fuse. This protective device is connected to the +23 volt primary power circuit to protect it from overload.

(7) BLOWER ON-OFF switch. This toggle switch controls the 115 volts, 60 Hz primary power applied to the blower.

(8) BLOWER 60 CPS 1/2 AMP fuse. This protective device is connected to the 115 volts, 60 Hz primary power circuit that energizes the blower motor and protects it from overload.

(9) HV ON-OFF switch. This toggle switch enables the push-to-talk relay (K1) in the power supply module when high voltage output is desired.

(10) VOLTAGE SEL switch. This 9-position rotary switch selects the power supply module circuit to be monitored and connects it to the DC VOLTAGE meter, or the AC VOLTAGE, jacks for measurement. All power supply module outputs can be selected by this switch.

(11) DC VOLTAGE meter. This 0-100 microammeter is used to indicate the several dc output voltages of the power supply module as selected by the VOLTAGE SEL switch.

(12) AC VOLTAGE jacks. These jacks are provided to connect an external ac instrument for measuring the filament voltage output of the power supply module.

c. The piece parts required for fabrication of the test fixture are listed in the following chart and suggested parts placement is shown in figures 6-24 and 6-25. Schematic diagram (fig. 7-18) illustrates the internal circuit of the test fixture.

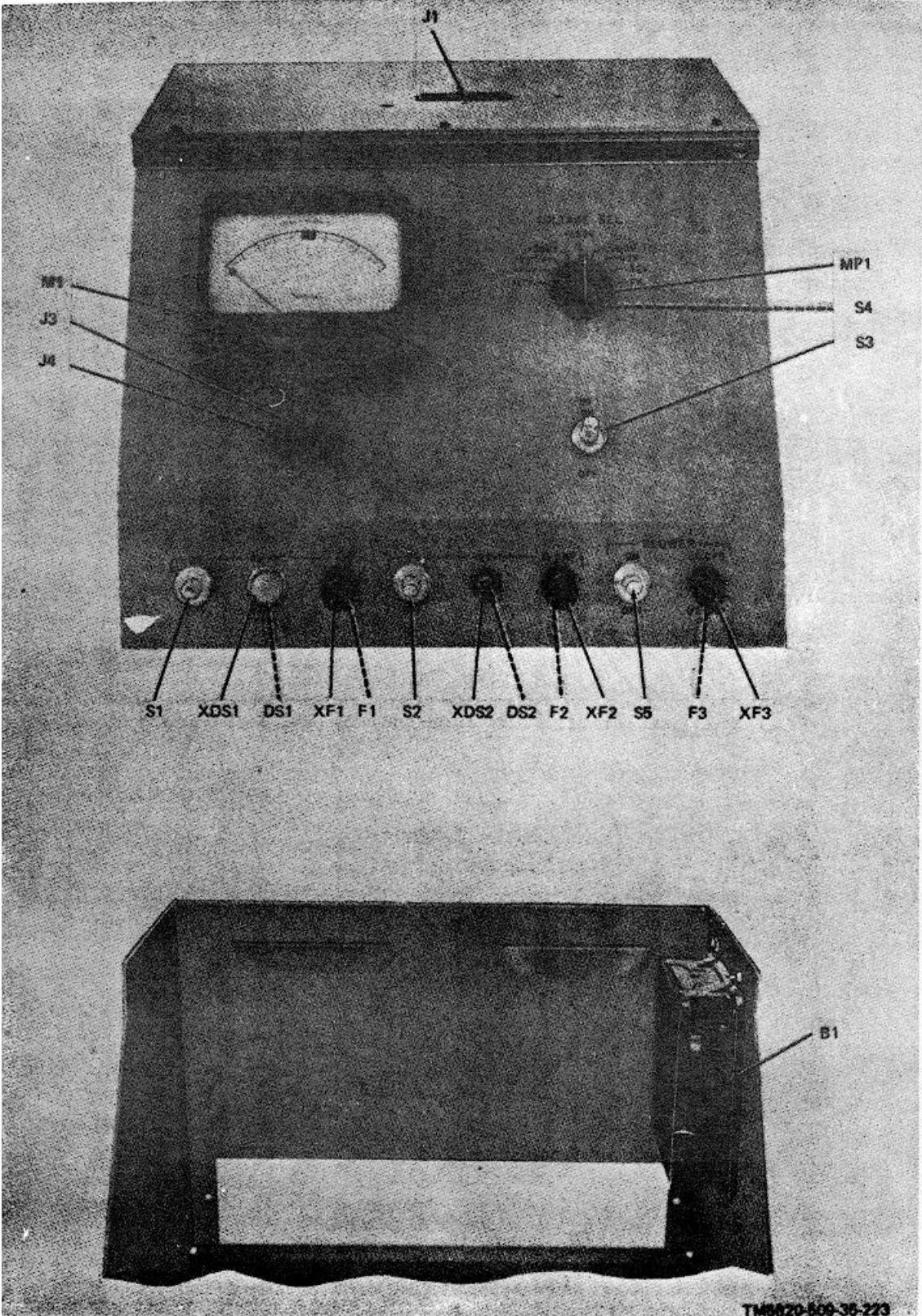


Figure 6-24. Test Fixture for Power Supply PP-3518/PrC-47, Parts Location.

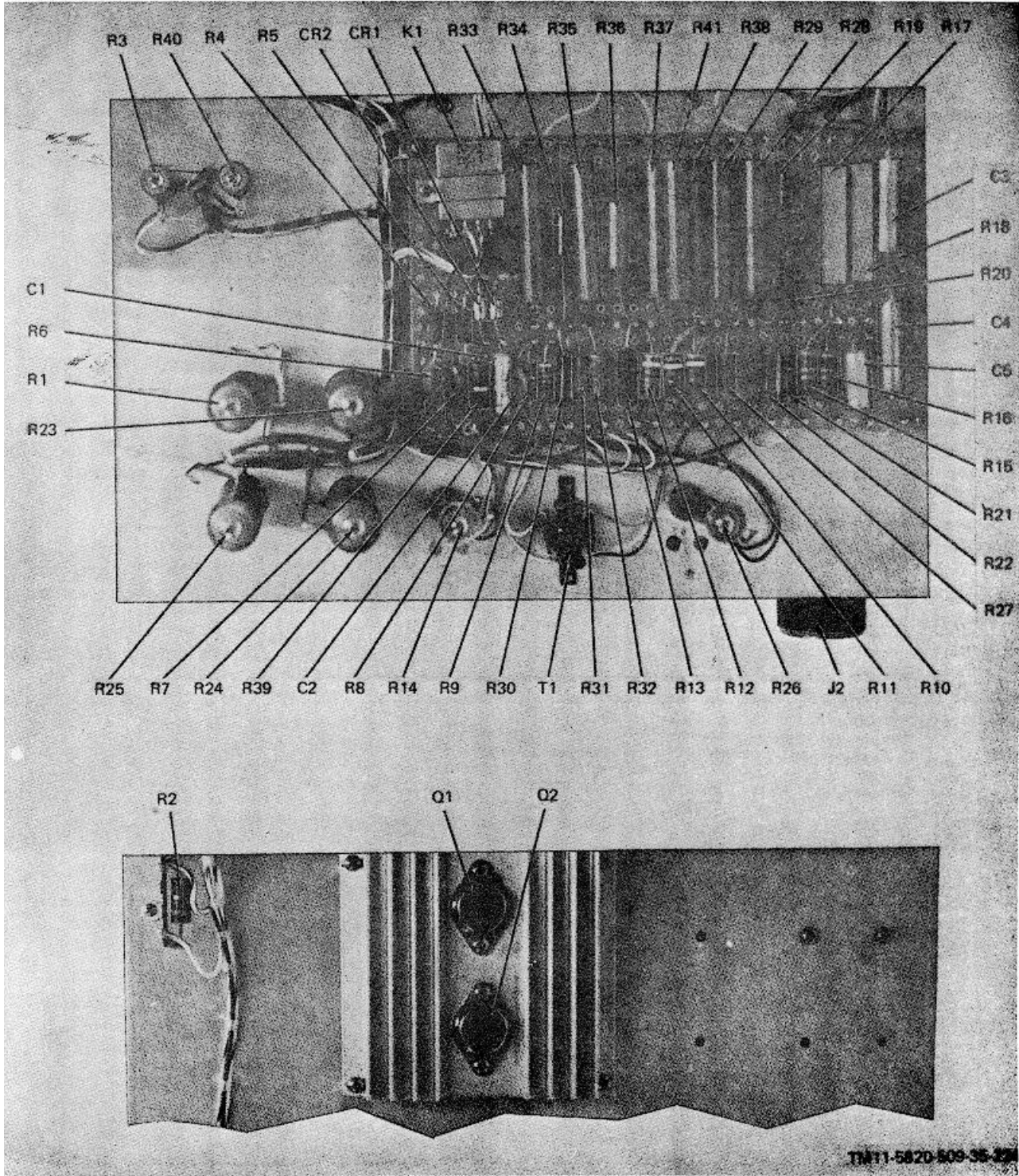


Figure 6-25. Test Fixture for Power Supply PP-3518/PRC-47, Internal Parts Location.

| Symbol | Description | Mfgr Part No. | Mfgr Code |
|--------------|---|-----------------|-----------|
| | Test Fixture for Power Supply PP-3518/PRC-47 | | |
| B1 | Blower Assembly | 20-244-6502 | 82877 |
| C1 | Capacitor, fixed, 1 uf, 20%, 200 vdcw | 610D105M200BD4 | 56289 |
| C2 | Capacitor, fixed, 0.02 uf, P80M20%, 100 vdcw | 855-502X5V0203Z | 72982 |
| C3, C4 | Capacitor, fixed, 0.047 uf, 20%, 600 vdcw | 196P47306S4 | 56289 |
| C5 | Capacitor, fixed, 0.047 uf, 20%, 300 vdcw | 196P47303S4 | 56289 |
| CR1, CR2 | Semiconductor device, diode (FSN 5961-975-2158) | 1N2611 | |
| DS1 | Lamp (FSN 6240-682-3411) | NE51H | 08806 |
| DS2 | Lamp (FSN 6240-196-4491) | 330 | 71744 |
| F1 | Fuse | F03B32V5AS | |
| F2 | Fuse | F03B32V15AS | |
| F3 | Fuse (FSN 5920-281-G224) | F02A250VD2AS | |
| J1 | Connector (FSN 5935-045-9104CX) | DCMF27W2S | 71468 |
| | Connector insert p/o J1 (FSN 5935-034-1098NT) | DM51155 | 71468 |
| J2 | Connector | MS3102A24-28P | |
| J3 | Binding post (FSN 5940-816-8363) | DF30GNC | 58474 |
| | Contact, electrical p/o J3 | 767-5609-001 | 13499 |
| J4 | Binding post (FSN 5940-556-6194) | DF3OBC | 58474 |
| K1 | Relay, armature | BR7X300D2S3.26Y | 09026 |
| M1 | Microammeter, dc ((0.100) | 3970 | 55026 |
| MP1 | Knob, pointer | 757-0230-003 | 13499 |
| | Skirt, knob, p/o MP1 | 757-0220-003 | 13499 |
| Q1,Q2 | Transistor | 2N2833 | |
| | Heatsink, D/O Q1, Q2 | 775-9212-001 | 13499 |
| R1 | Resistor, fixed, 1.5 ohms, 5%, 55 W | RW35V1R5 | |
| R2 | Resistor, fixed, 130 ohms, 5%, 2 W (FSN 5905-279-2825) | RC42GF131J | |
| R3 | Resistor, fixed, 100 ohms, 5%, 14 W (FSN 5905-258-6925) | RW31V101 | |
| R4, R5 | Resistor, fixed, 6.8 ohms, 5%, 3 W (FSN 5905-990-4151) | RW69V6R8 | |
| R6, R7 | Resistor, fixed, 470 ohms, 5%, 6.5 W (FSN 5905-985-5401) | RW67V471 | |
| R8 | Resistor, fixed, 0.22 Megohm, 5%, 1 W (FSN 5905-299-2000) | RC32GF224J | |
| R9 | Resistor, fixed, 47,000 ohms, 5%, 1 W (FSN 5905-299-2013) | RC32GF473J | |
| R10 thru R12 | Resistor, fixed, 390 ohms, 5%, 2 W (FSN 5905-253-1231) | RC42GF391J | |
| R13 | Resistor, fixed, 270 ohms, 5%, 6.5 W (FSN 5905-780-7488ZX) | RW67V271 | |
| R14 | Resistor, fixed, 6800 ohms, 5%, 26 W | RW33V682 | |
| R15 | Resistor, fixed, 30,000 ohms, 5%, 2 W (FSN 5905-171-1977) | RC42GF303J | |
| R16 | Resistor, fixed, 36,000 ohms, 5%, 2 W (FSN 5905-185-6570) | RC42GF363J | |
| R17, R18 | Resistor, fixed, 25,000 ohms, 10%, 10W (FSN 5905-90D5901) | 710-9068-000 | 11502 |
| R19 thru R22 | Resistor, fixed, 1 Megohm, 2%, 2W | RL42S105G | |
| R23 thru R25 | Resistor, fixed, 5600 ohms, 10%, 55 W | RW35V562 | |
| R26 | Resistor, fixed, 1200 ohms, 5%, 26 W | RW33V122 | |
| R27 | Resistor, fixed, 0.649 Megohm, 1%, 3/4 W | RN70D6493F | |
| R28 | Resistor, fixed, 1.21 Megohm, 1%, 2 W | RN80B1214F | |
| R29 | Resistor, fixed, 1 Megohm, 1% 2 W (FSN 5905-557 1951) | RN80B1004F | |
| R30 | Resistor, fixed, 0.383 Megohm, 1% (FSN 5905-726-7545) | RN70C3833F | |
| R31 | Resistor, fixed, 0.464 Megohm, 1% 1/2 W (FSN 5905-752-3605) | RN70C4643F | |
| R32 | Resistor, fixed, 0.536 Megohm, 1% 3/4 W | RN70D5363F | |
| R33 | Resistor, fixed, 4.99 Megohm, 1%, 2 W (FSN 5905-553-2223) | RN80B4994F | |
| R34 | Resistor, fixed, 1 Megohm, 1%, 2W (FSN 5905-702-3359) | HN70C1004F | |
| R35 | Resistor, fixed, 10 Megohm, 1% 2 W (FSN 5905-553-2402) | RN80B1005F | |
| R36 | Resistor, fixed, 3.48 Megohm, 1%, 1 W (FSN 5905-552-6066) | RN75B3484F | |
| R37 | Resistor, fixed, 4.99 Megohm, 1%, 2 W (FSN 5905-553-22231) | RN80B4994F | |
| R38 | Resistor, fixed, 2.49 Megohm, 1%, 2 W | RN80B2494F | |
| R39 | Resistor, fixed, 5600 ohms, 10%, 2 W (FSN 5905-279-2303) | RC42GF562K | |
| R40 | Resistor, fixed, 100 ohms, 5%, 14 W (FSN 5905 258 6924) | RW31V101 | |
| R41 | Resistor, fixed, 10 Megohm, 1%, 2 W (FSN 5905-553-2402, | RN80B1005F | |
| S1, S2 | Switch (FSN 5293-108-6744) | 7665K4 | |
| S3 | Switch (FSN 5930-655-1514) | ST42A | |
| S4 | Switch | JV9008 | 71590 |
| S5 | Switch (FSN 5930 655-1514) | ST42A | |
| T1 | Transformer (FSN 5950-984 1 IIIZX)) | BC3072 | 97315 |
| XDS1 | Lampholder | 96408H935 | 72619 |
| XDS2 | LIGHT (FSN 6210-825-2051) | 101-3830-9 | 72619 |
| | Lens p/o XDS2 (FSN 6210-.511-8208) | 101-972 | 72619 |
| XF1 thru XF3 | Fuseholder (FSN .5920-284- 7144) | HKPH | 71400 |

Note. All manufacturer s codes are 5-digit numbers. The corresponding manufacturer's name and address are listed in SB 708-42 Catalog Handbook ((H4-2).

**6-21. Test Fixture for Radio Frequency
Oscillator 0-1032/PRC-47**
(fig. 7-19)

a. The test fixture for Radio Frequency Oscillator 0-1032JPRC-47 contains all switches, jacks, meter and lamps necessary to electrically test and adjust the module without providing a complete AN/PRC-47 Radio Set. Power for the test fixture and the module under test is provided externally and is connected to the test fixture by a specially fabricated cable attached to power connector J2 at the rear of the test fixture.

b. The operating controls on the front panel of the test fixture (fig. 6-9) perform the following functions:

(1) +20V ON-OFF switch. This toggle switch controls the +20 volts dc primary power circuit to the module under test.

(2) +20V lamp. This indicator is lit when power is connected to the +20 volts dc primary power

circuit and the +20V ON-OFF switch is in the ON position.

(3) +20V 1/4 AMP fuse. This protective device is connected to the +20 volts dc primary power circuit to protect it from overload.

(4) +20 V CURRENT meter. This 0 - 60 milliammeter indicates the amount of current being drawn by the module under test.

(5) PUSH TO READ button. This shunting switch is opened when pressed to permit the +20 V CURRENT meter to indicate the module current drain.

(6) Coaxial connectors are provided for the connection of signal leads and test equipment and these are self-explanatory.

c. The piece parts required for fabrication of the test fixture are listed in the following chart and suggested parts placement is shown in figure 6-26. Schematic diagram {fig. 7-19) illustrates the internal circuit of the test fixture.

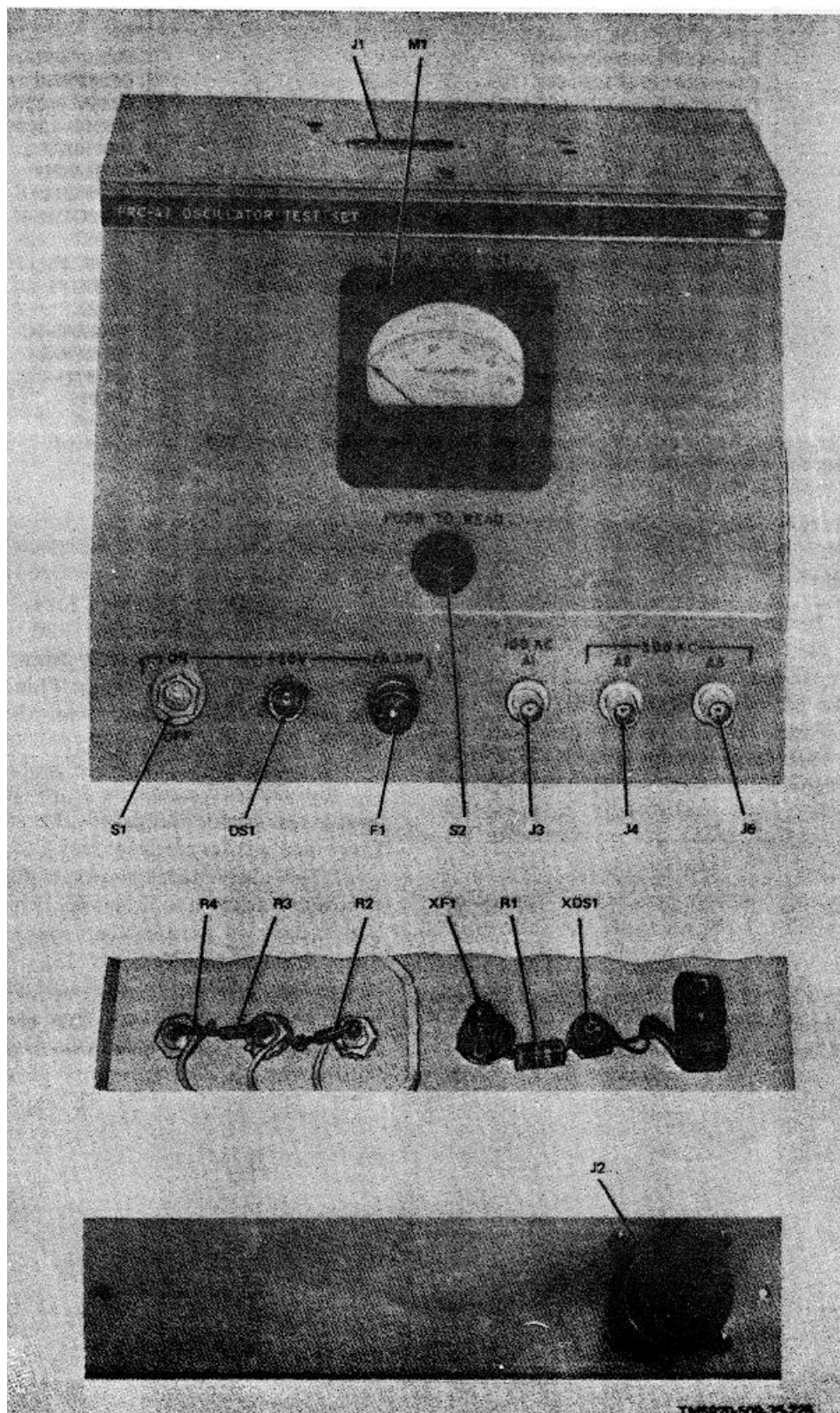


Figure 6-26. Test Fixture for Radio Frequency Oscillator O-1032/PRC-47, Parts location.

| Symbol | Description | Mfgr Part No. | Mfgr Code |
|------------|--|----------------|-----------|
| | Test Set for Radio Frequency Oscillator O-1032/PHC-47 | | |
| DS1 | Lamp (FSN 6240-196-4491) | 330 | 08805 |
| F1 | Fuse (FSN 5920-043-2641) | F02A250V1 -4AS | |
| J1 | Connector (FSN 5935-089-1165) | DBMF13W3S | 71468 |
| | Connector insert p/o J1 (FSN 5935-080-0268) | DM53742-5000 | 71468 |
| J2 | Connector | MS3102A24-28P | |
| J3 thru J5 | Connector (FSN 5935-755-2741) | UG912AU | |
| M1 | Milliammeter, 0-50 ma (FSN 6825-643-1527) | M531 -2-214 | 82386 |
| R1 | Resistor fixed, 100 ohms, 10%, 2 W | RC42GFIOIK | |
| R2 | Resistor fixed, 12,000 ohms, 10%, 1/2 W (FSN 5905-1908884AH) | RC20GF123K | |
| R3 | Resistor, fixed, 510 ohms, 5%, 1/2 W (FSN 5906-279-3511) | RC20CF511J | |
| R4 | Resistor, fixed, 1200 ohms, 10%, 1/2 W (FSN 5905-195-6809) | RC20GP122K | |
| S1 | Switch (FSN 5930-855-1514) | ST42A | |
| S2 | Switch (FSN 5930417-7120) | MS25089-5C | |
| DS1 | Light (FSN 6210-825-20511) | 101-3830-9 | 72619 |
| | Lens p/o XDSI (FSN 6210-511 -82081) | 101-972 | 72819 |
| XF1 | Fuseholder (FSN 5920-284-71441) | HKPH | 71400 |

Note. All manufacturer 'a codes are 5-digit numbers . The corresponding manufacturer's name and address are listed in SB 708-42 Catalog Handbook (H4-2).

6-22. Test Fixture for Oscillator Control C-4311/PRC-47
(fig. 7-20)

a. The test fissure for Oscillator Control C-4311/PRC-47 contains all switches, jacks and lamps necessary to electrically test and adjust the module without providing a complete AN/PRC-47 Radio Set. Power for the test fissure and the module under test is provided externally and is connected to the test fissure by a specially fabricated cable attached to power connector J4 at the rear of the test fixture.

b. The operating controls on the front panel of the test fixture (fig. 6-10) perform the following functions:

(1) +20V ON-OFF switch. This toggle switch controls the +20 volts dc primary power circuit to the module under test.

(2) +20V lamp. This indicator is lit when power is connected to the +20 volts dc primary power

circuit and the +20V ON-OFF switch is in the ON position.

(3) +20V 1/2 AMP fuse. This protective device is connected to the +20 volts dc primary power circuit to protect it from overload.

(4) ANTI-LOCX lamp. This lamp is lit when the anti-lock dc output from the module under test is present.

(5) Coaxial connectors are provided for the connection of signal leads and test equipment and these are self-explanatory.

c. The piece parts required for fabrication of the test fissure are listed in the following chart and suggested parts placement is shown in figure 6-27. Schematic diagram (fig. 7-20) illustrates the internal circuit of the test fixture.

d. Calibrate the Radio Frequency Oscillator O 1032/PRC-47 used with this test fixture in accordance with the procedures in paragraph 6-14g.

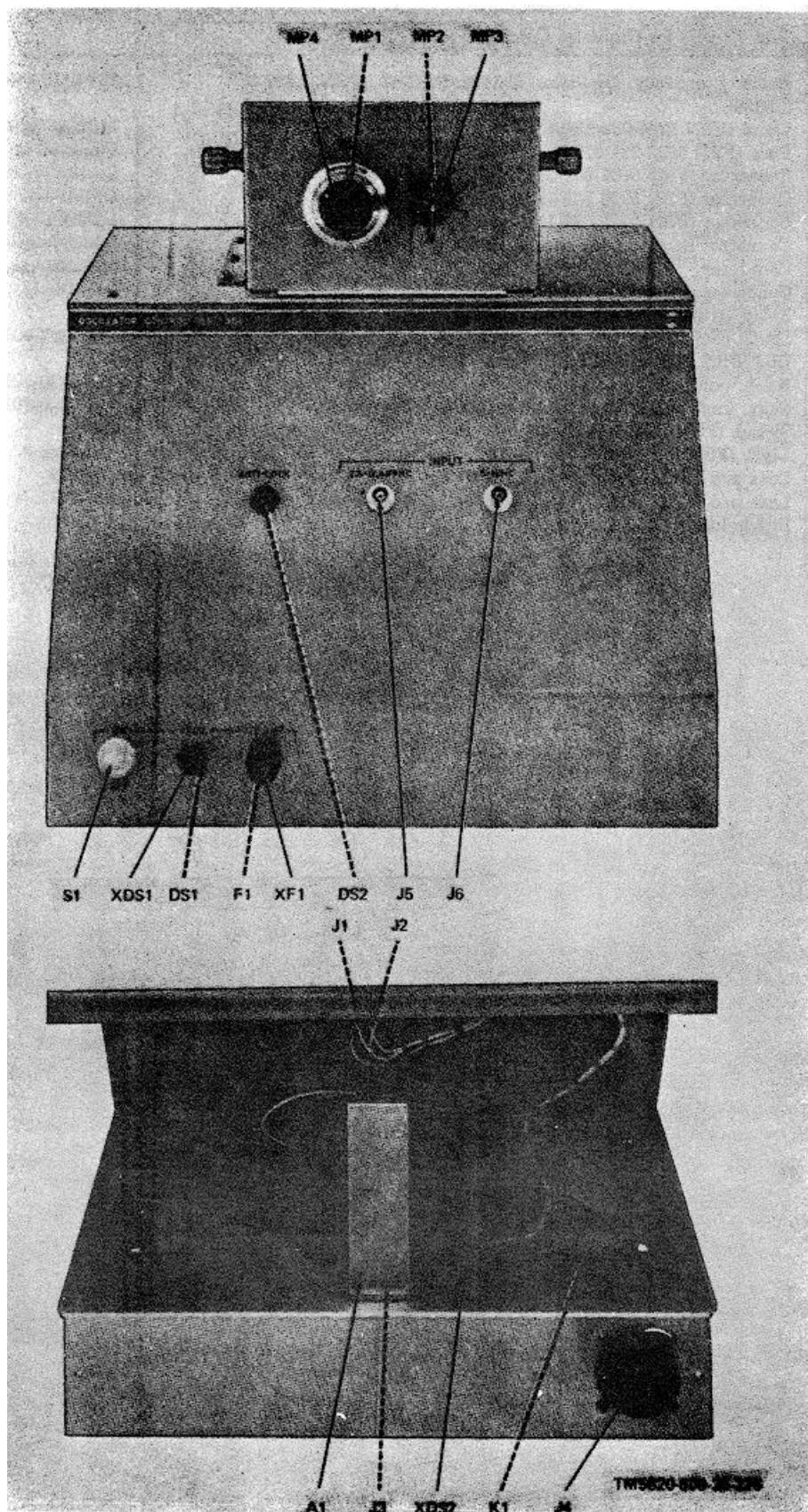


Figure 6-27. Test Fixture for oscillator Control C-4311/PRC-47, Parts Location.

| Symbol | Description | Mfgr Part No. | Mfgr Code |
|------------|--|----------------|-----------|
| | Test Fixture for Oscillator Control C-4311/PRC-47 | | |
| A1 | Radio Frequency Oscillator 0-1032/PRC-47 (FSN 5820-087-0328) | 528 0119 005 | 13499 |
| DS1, DS2 | Lamp (FSN 6240-069 63491) | MS25237-327-15 | |
| F1 | Fuse (FSN 5920-281-0224) | F02A250V1-2AS | |
| J1 | Connector /FSN 5935-983-2615ZBI | DAMF7W2S | 71468 |
| J2 | Connector (FSN 5935-089-69211) | DAMF3W3S | 71468 |
| J3 | Connector (FSN 5936-089-1166) | DBMF13W3S | 71468 |
| J4 | Connector insert p/o J1 thru J3 (FSN 5935-080 0268) | DM63742-5000 | 71468 |
| J5, J6 | Connector (FSN 5935-755-2741) | MS3102A24-28P | |
| K1 | Relay, armature (FSN 5945-779 77721) | UG912AU | |
| MP1, MP2 | Shaft, coupling | 93591 | 78277 |
| MP3 | Dial (FSN 6366-687 68461) | 768-7887-001 | 13499 |
| MP4 | Knob, pointer | RBC | 73138 |
| S1 | Skirt, knob p/o MP4 | 757-0230-001 | 13499 |
| XDS1, XDS2 | Switch (FSN 5930-655-1514, Light (FSN 6210-826-20511) | 757-0220-001 | 13499 |
| | Lens p/o XDS1 (FSN 6210-511-82081) | ST42A | |
| | Lens p/o XDS2 (FSN 6210460-65401) | 101-3830-9 | 72619 |
| XF1 | Fuseholder (FSN 5920-284-7144) | 101-972 | 72619 |
| | | 101-971 | 72619 |
| | | HKPH | 71400 |

CHAPTER 7 CIRCUIT DIAGRAMS

7 1. Introduction

This chapter contains block diagrams, mechanical schematics, main schematic diagrams and test fixture diagrams for Radio Receiver-Transmitter RT 671/PTC-47. The information is assembled in the following order:

- a. MIL standard color codes (fig. 7-1).
- b. Block diagrams (fig. 7-2 through 7-6).

- c. Mechanical schematic (fig. 7-7).
- d. Main schematic diagrams (fig. 7 8 through 7-14).
- e. Test fixture diagrams (fig. 7-15 through 7-20).

All special symbols appearing on these drawings are defined in the notes that are part of the diagrams in which they appear.

**Figure 7-1. Color Code Marking for Military Standard Resistors, Inductor, and Capacitors.
(Located in back of manual.)**

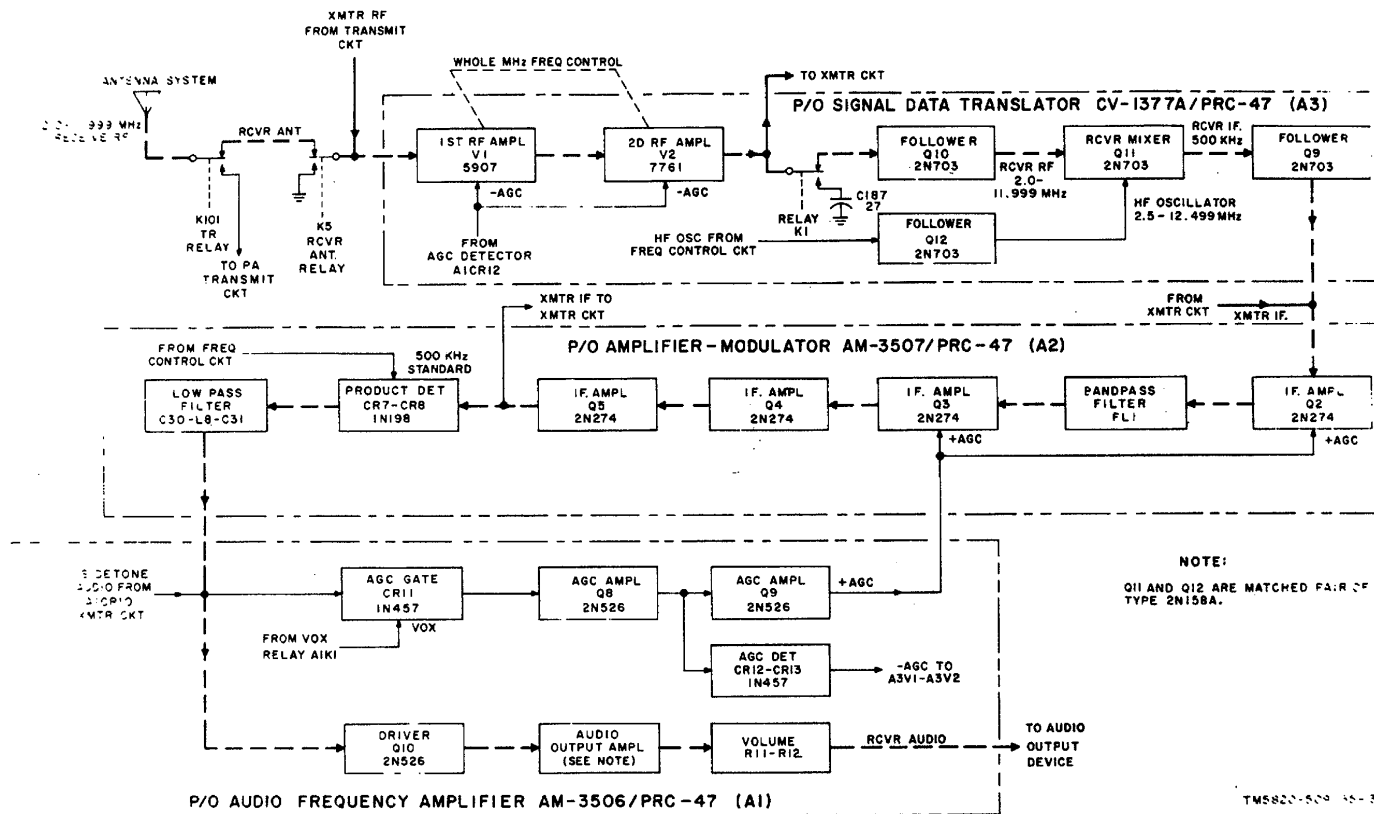


Figure 7-2. Receive Signal Path, Block Diagram.

**Figure 7-3. Transmit Signal Path, Block Diagram.
(Located in back of manual.)**

**Figure 7-4. Frequency Control Circuits, Block Diagram.
(Located in back of manual.)**

**Figure 7-5. Power Supply Circuits, Dc Primary Power Input, Block Diagram.
(Located in back of manual.)**

**Figure 7-6. Power Supply Circuits, Ac Primary Power Input, Block Diagram.
(Located in back of manual.)**

**Figure 7-7. Mechanical Schematic, Frequency Control Mechanism.
(Located in back of manual.)**

**Figure 7-8 (1). Electrical Equipment Chassis CH-474/PRC-47(A8A4), Schematic Diagram (sheet 1 of 2).
(Located in back of manual.)**

**Figure 7-8 (2). Electrical Equipment Chassis CH-474/PRC-47 (A8A4), Schematic Diagram (sheet 2 of 2).
(Located in back of manual.)**

**Figure 7-9. Audio Frequency Amplifier AM-3506/PRC-47(A8A1), Schematic Diagram.
(Located in back of manual.)**

**Figure 7-10. Amplifier-Modulator AM-3507/PRC-47 (A8A2). Schematic Diagram.
(Located in back of manual.)**

**Figure 7-11 (1) . Signal Data Translator CV -1377A/PRC-47 (A8A3), Schematic Diagram (sheet 1 of 2).
(Located in back of manual.)**

**Figure 7-11 (2) Signal Data Translator CV-1377A/PRC-47 (A8A3). Schematic Diagram (sheet 2 of 2).
(Located in back of manual.)**

**Figure 7-12. Power Supply PP-3518/PRC-47 (A8A5), Schematic Diagram.
(Located in back of manual)**

**7-13. Radio Frequency Oscillator O-1032/PRC-47 (A8A6) , Schematic Diagram.
(Located in back of manual.)**

**Figure 7-14. Oscillator Control C-4311/PRC-47 (A8A7), Schematic Diagram.
(Located in back of manual.)**

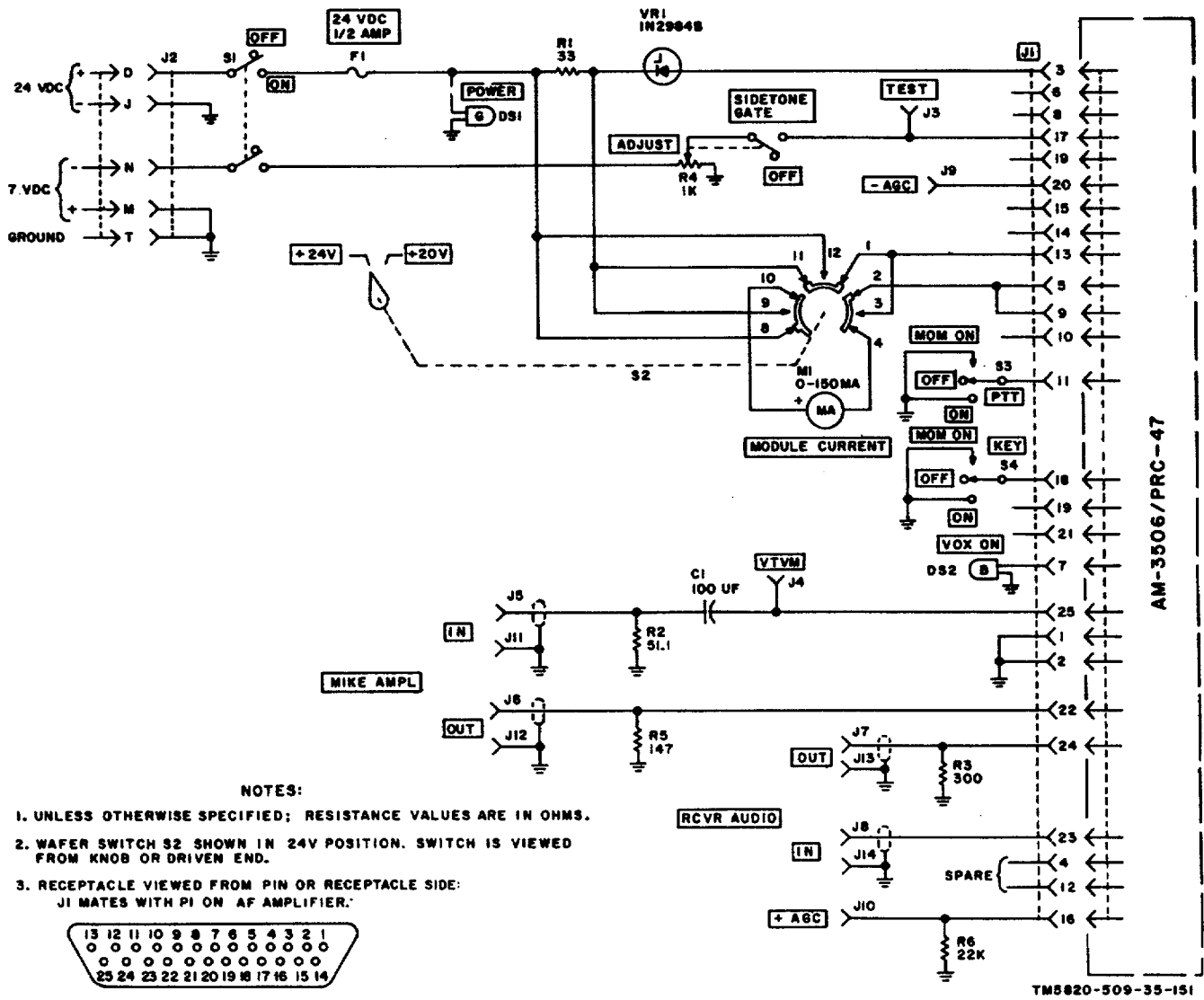


Figure 7-15. Test Fixture for Audio Frequency Amplifier AM-3506/PRC-47, Schematic Diagram.

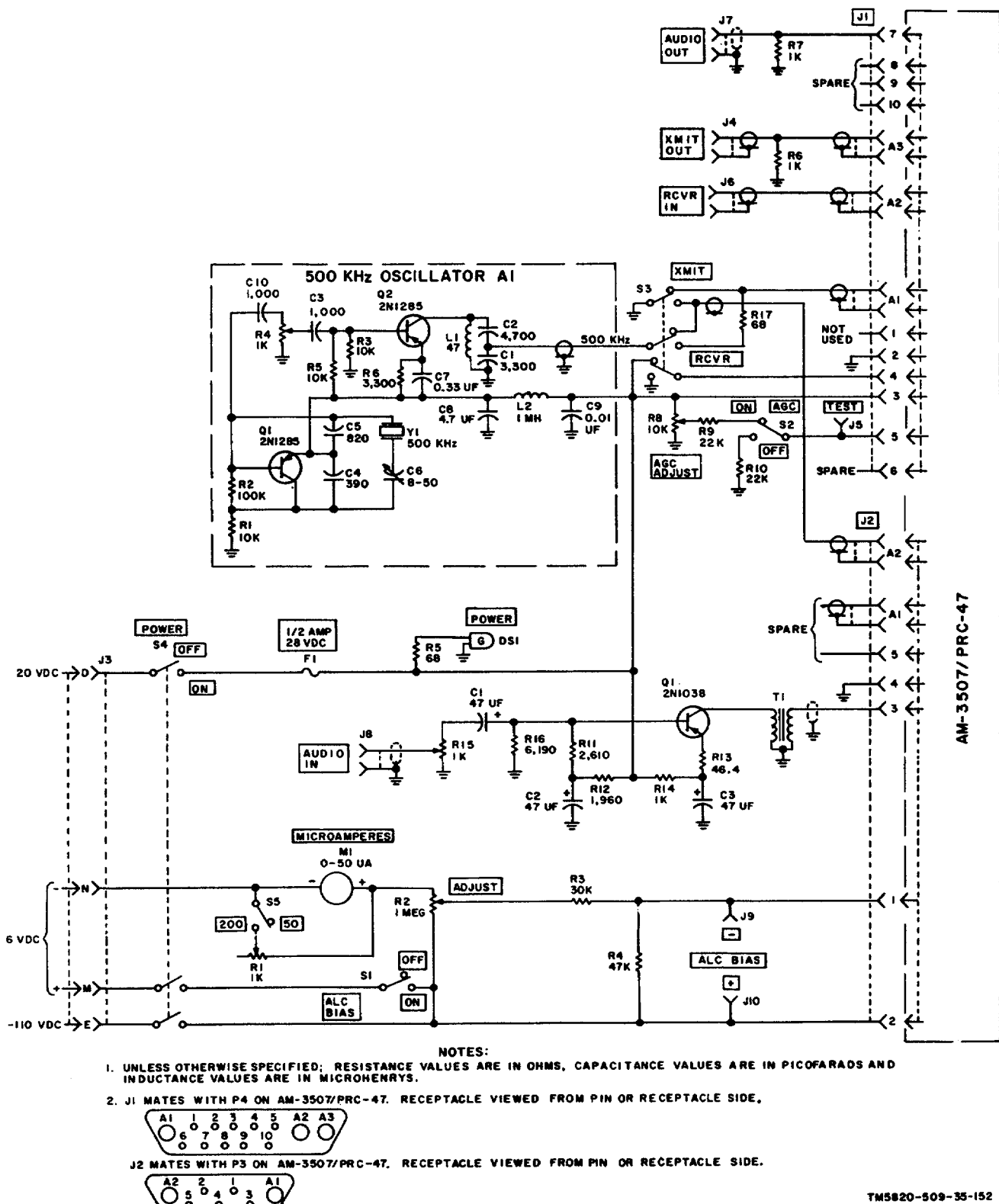
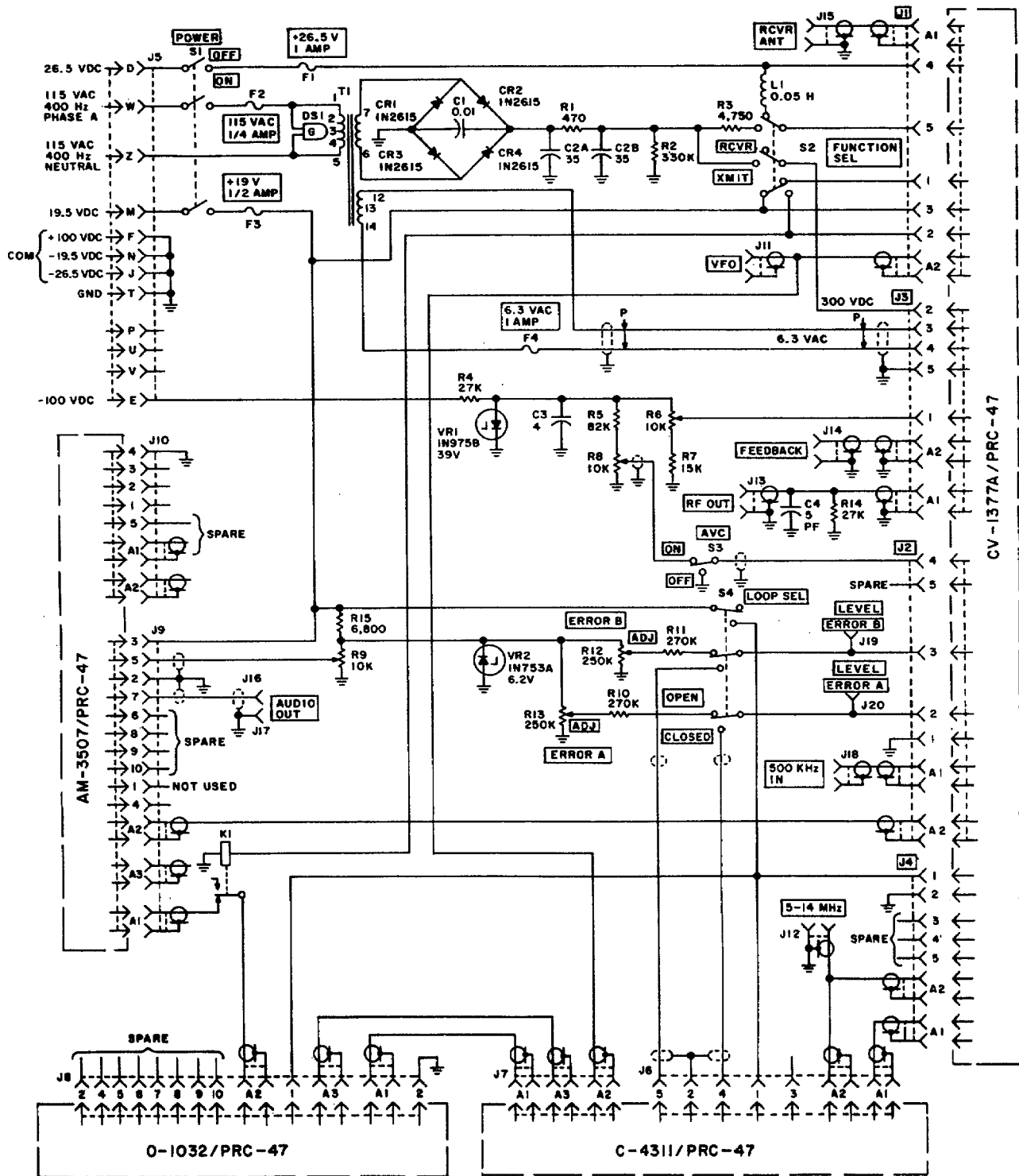


Figure 7-16. Test Fixture for Amplifier-Modulator AM-3507/PRC-47, Schematic Diagram.



- NOTES:**
- UNLESS OTHERWISE SPECIFIED: RESISTANCE VALUES ARE IN OHMS AND CAPACITANCE VALUES ARE IN MICROFARADS.
 - RECEPTACLES VIEWED FROM PIN OR RECEPTACLE SIDE:
 J1 MATES WITH P1 ON CV-1377A/PRC-47.
 J2 MATES WITH P2 ON CV-1377A/PRC-47.
 J3 MATES WITH P3 ON CV-1377A/PRC-47.
 J4 MATES WITH P4 ON CV-1377A/PRC-47.
 J6 MATES WITH P1 ON C-4311/PRC-47.
 J10 MATES WITH P3 ON AM-3507/PRC-47.

- J7 MATES WITH P2 ON C-4311/PRC-47.
- J8 MATES WITH P1 ON O-1032/PRC-47.
- J9 MATES WITH P4 ON AM-3507/PRC-47.

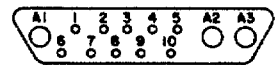
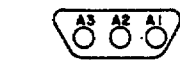
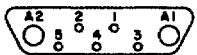


Figure 7-17. Test Fixture for Signal Data Translator CV-1377A/PRC-47, Schematic Diagram.

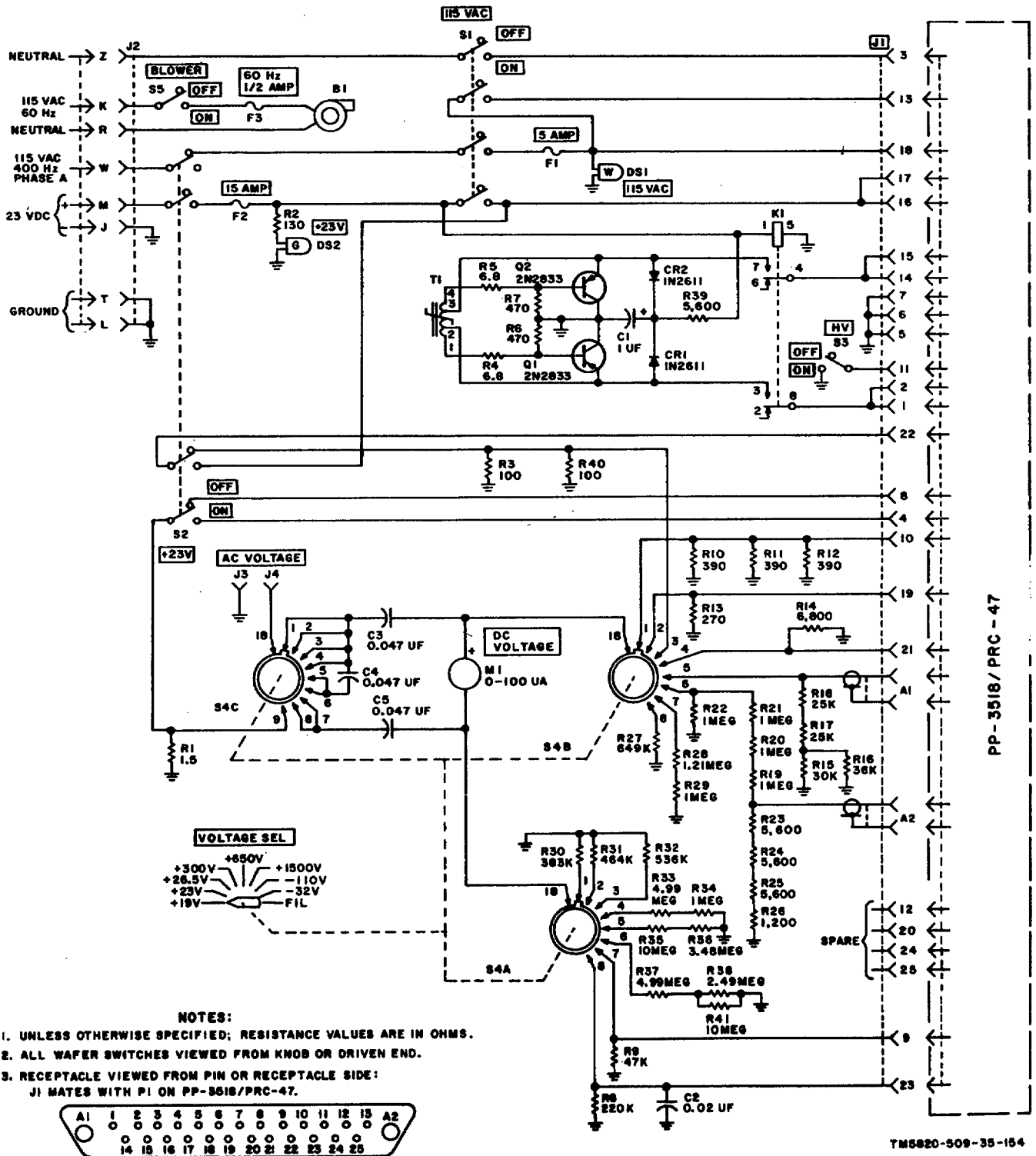


Figure 7-18. Test Fixture for Power Supply PP-3518/PRC-47, Schematic Diagram.

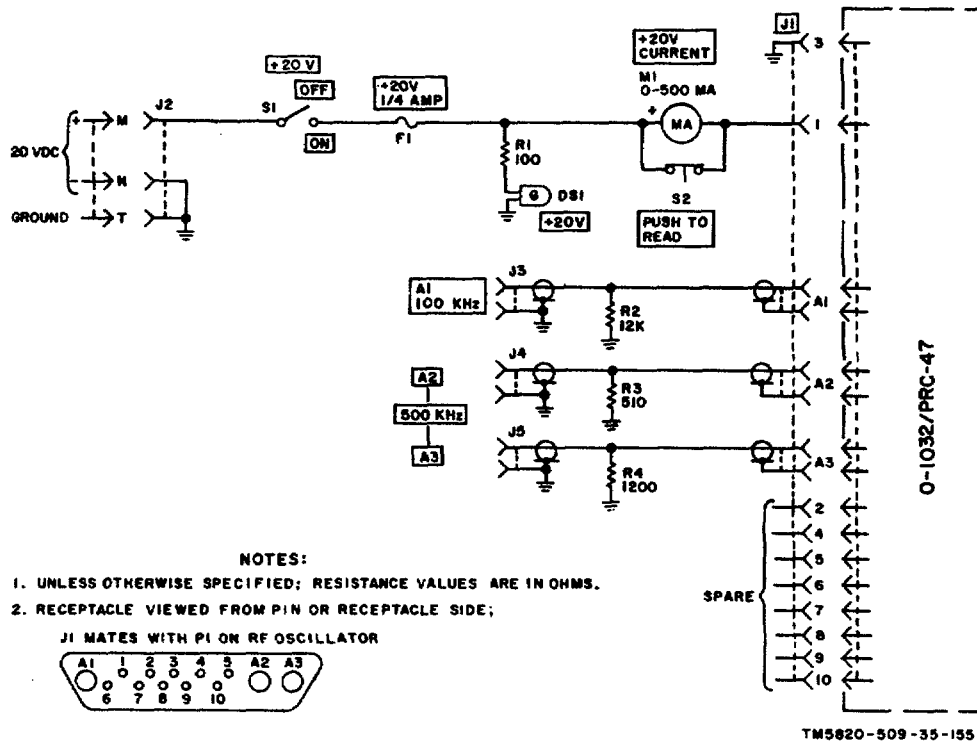


Figure 7-19. Test Fixture for Radio Frequency Oscillator O-1032/PRC-47, Schematic Diagram.

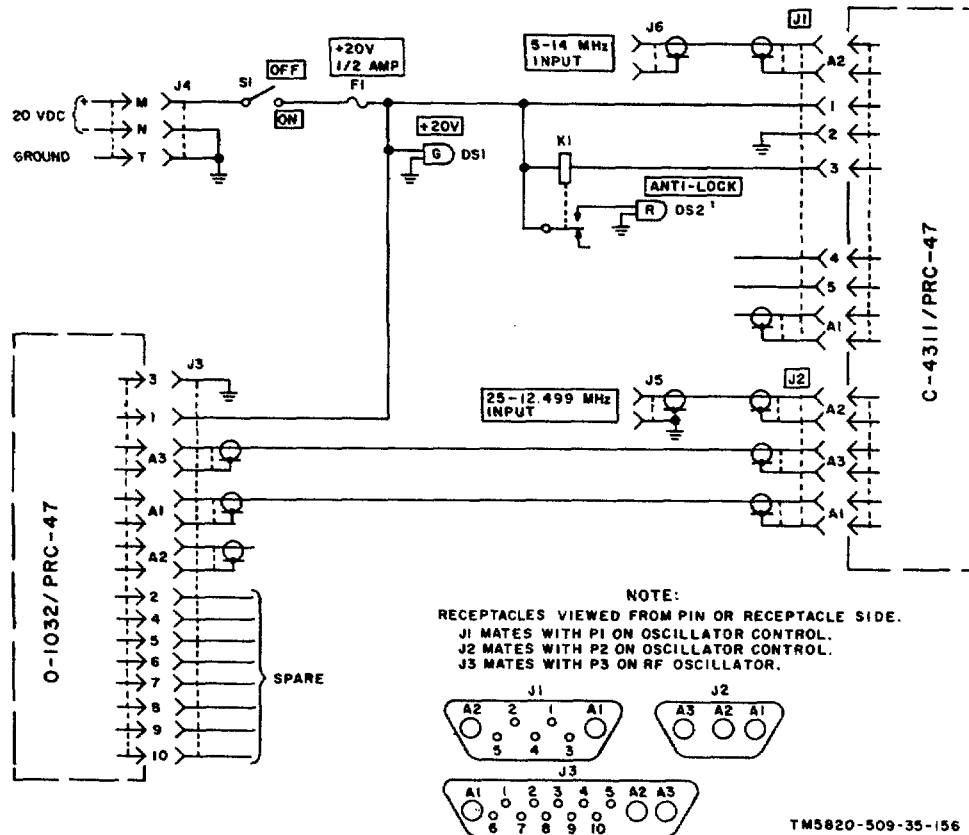


Figure 7-20. Test Fixture for Oscillator Control C-4311/PRC-47, Schematic Diagram.

**APPENDIX A
REFERENCES**

| | |
|---------------------|---|
| DA Pam 310-4 | Index of Technical Manuals, Technical Bulletins, Supply Manuals (Types 7, 8, and 9), Supply Bulletins, and Lubrication Orders. |
| DA Pam 310-7 | US Index Army Equipment of Modification Work Orders. |
| TM 11-5017 | Output Meters TS-585A/U; 585B/U; 585C/U; and 585D/U. |
| TM 11-5129 | Oscilloscopes AN/USM-50A; B; and C. |
| TM 11-5820-509-12 | Operator and Organization Maintenance Manual: Radio Set AN/PRC-47. |
| TM 11-6625-200-15 | Operator's, Organizational, DS, GS, and Depot Maintenance Manual: Multimeters ME-26A/U; 26B/U; 26C/U; and 26D/U. |
| TM 11-6625-320-12 | Operator and Organizational Maintenance Manual: Voltmeter, Meter ME-30A/U and Voltmeters, Electronic ME-30B/U; 30C/U; and 30E /U. |
| TM 11 -6625-326- 12 | Operator and Organizational Maintenance Manual including Repair Parts and Special Tool Lists: Analyzer, Spectrum AN/UPM-110. |
| TM 11-6625-935-12 | Organizational Maintenance Manual: Audio Oscillators TS-312/FSM1, TS-312A/FSM-1, and TS-382/U, and Signal Generator TS-312B/ FSM-1. |

**APPENDIX B
DIRECT SUPPORT, GENERAL SUPPORT, AND
DEPOT MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LIST**

Section I. INTRODUCTION

B-1. Scope

This appendix lists repair parts and special tools required for the performance of direct support, general support, and depot maintenance of Radio Set AN/PRC-47.

B-2. General

This Repair Parts and Special Tools List is divided into the following sections.:

a. Repair Parts-Section II. A list of repair parts authorized for the performance of maintenance of maintenance at the direct support, general support, and depot level.

b. Special Tools, Test, and Support Equipment-Section III. A list of special tools, test and support equipment authorized for the performance of maintenance at the direct support, general support, and depot level.

c. Index - Federal Stock Number and Reference Number Cross Reference to Figure and Item Number - Section IV. A list of Federal stock numbers in ascending numerical sequence, followed by a list of reference numbers in ascending alphanumeric sequence, cross referenced to the illustration figure number and reference designation.

d. Index - Reference Designation Cross-Reference to Page Number - Section V. A list of reference designations cross-referenced to page numbers.

B-3. Explanation of Columns

The following provides an explanation of columns in the tabular lists

a. Source, Main tenance and Recoverability Codes (SMR), Column 1.

(1) Source code indicates the selection status and source for the listed item. Source codes are:

| Code | Explanation |
|-------------|---|
| P | Repair parts which are stocked in or supplied from the GSA/DSA, or Army supply system and authorized for use at indicated maintenance categories. |

| Code | Explanation |
|-------------|--|
| P2 | Repair parts which are procured and stocked for insurance purposes because the combat or military essentiality of the end item dictates that a minimum quantity be available in the supply system. |
| P9 | Assigned to items which are NSA design controlled: unique repair parts, special tools, test, measuring and diagnostic equipment' which are stocked and supplied by the Army COMSEC logistic system, and which are not subject to the provisions of AR 380-41. |
| P10 | Assigned to items which are NSA design controlled special sods, test, measuring and diagnostic equipment for COMSEC support, which are accountable under the provisions of AR 380-41, and which are stocked and supplied by the Army COMSEC logistic system. |
| M | Repair parts which are not procured or stocked, but are to be manufactured at indicated maintenance levels. |
| A | Assemblies which are not procured or stocked as such but are made up of two or more unite. Such component units carry individual stock numbers and descriptions, are procured and stocked separately, and can be assembled to form the required assembly at indicated maintenance categories. |
| X | Parts and assemblies which are not procured or stocked and the mortality of which normally is below that of the applicable end item or component. The failure of such part or assembly should result in retirement of the end item from the supply system. |
| X1 | Repair parts which are not procured or stocked. The requirement for such items will be filled by use of the next higher assembly or component. |
| X2 | Repair parts which are not stocked. The indicated maintenance category requiring such repair parts will attempt to obtain same through cannibalization. Where such repair parts are not obtainable through cannibalization, requirements will be requisitioned, with accompanying justification, through normal supply channels. |
| G | Major assemblies that are procured with PEMA funds for initial issue only as exchange assemblies at DSU and GSU level. These assemblies will not be stocked above DS and GS level or returned to depot supply level. |

(2) Maintenance code indicates the lowest category of maintenance authorized to install the listed item. The maintenance level codes are:

| Code | Explanation |
|------|----------------------------------|
| C | Operator/crew |
| O | Organizational maintenance |
| F | Direct support maintenance |
| H | General support |
| D | maintenance Depot maintenance |

(3) Recoverability code indicates whether unserviceable items should be returned for recovery or salvage. Items not coded are expendable. Recoverability codes are:

| Code | Explanation |
|------|--|
| R | Repair parts and assemblies are economically repairable at DSU and GSU activities and are normally furnished by supply on an exchange basis. |
| S | Repair parts and assemblies which are economically repairable at DSU and GSU activities and which normally are furnished by supply on an exchange basis. When items are determined by GSU to be uneconomically repairable, they will be evacuated to a depot for evaluation and analysis before final disposition. |
| T | High dollar value recoverable repair parts which are subject to special handling and are issued on an exchange basis. Such repair parts normally are repaired or overhauled at depot maintenance activities. |
| U | Repair parts specifically selected for salvage by reclamation unite because d precious metal content, critical materials, or high dollar value reusable casings or castings. |

b. *Federal Stock Number, Column 2.* Indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

c. *Description, Column 3.* Indicates the Federal item name and any additional description of the item required. A part number or other reference number is followed by the applicable five-digit Federal supply code for manufacturers in parentheses.

d. *Unit of Measure (U/M), Column 4.* A two character alphabetic abbreviation indicating the amount or quantity of the item upon which the allowances are based, e.g., ft. ea. pr, etc.

e. *Quantity Incorporated in Unit, Column 6.* Indicates the quantity of the item used in the assembly group. A "V" appearing in this column in lieu of a quantity indicates that a definite quantity cannot be indicated {e.g., shims, spacers, etc.. Subsequent appearances of the same item in the same assembly are indicated by the letters "REF."

f. *30-Day DS/GS Maintenance, 1 Year Per Equipment (Contingency), and Depot Maintenance, Columns 6, 7, 8, and 9.* Items authorized for requisition as required are identified by an asterisk in the allowance column. Subsequent appearances of the same item will have the letters "REF" in the applicable allowance columns.

g. *Illustrations, Column 10.* This column is divided as follows:

(1) *Figure number, column 10a.* Indicates the figure number of the illustration in which the item is shown.

(2) *Item number or reference designation, column 10b.* Indicates the reference designation used to identify the item in the illustration

B-4. Special Information

Not applicable.

B-5. How to Locate Repair Parts

a. When Federal stock number or reference number is unknown:

(1) *First.* Find the illustration covering the unit to which the repair part belongs.

(2) *Second.* Identify the repair part on the illustration and note the illustration figure number and reference designation of the repair part.

(3) *Third.* Using the reference designation cross-reference to page number index (sec. V) find the reference designation and note the page number listed. Locate the item in the repair parts list (sec. II).

b. When Federal stock number of reference number is known:

(1) *First.* Using the Federal stock number and reference number index (sec IV) find the pertinent Federal stock number or reference number and note the figure number and reference designation. This index is in ascending FSN sequence, followed by a list of reference numbers in ascending alphanumeric sequence, cross referenced to the illustration figure number and reference designation.

(2) *Second.* Using the reference designation cross-reference to page number index (sec V) find the reference designation and note the page number listed. Locate the item in the repair parts list (sec. II).

B-6. Federal Supply Code for Manufacturer (FSCM)

The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

(Next printed page is B-4.)

SECTION II

TM 11-5820-509-35

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE**** | | | | | | | | | | | | | | | | |
|---|-----------------------------------|---|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|-----------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. | |
| A--F-S | 5820-861-3539 | RADIO SET: ANPRC47; (80058) | | EA | 1 | | | | | | | | | | | |
| | 5820-062-6748 | CASE, RADIO SET: CY3700PRC47; (80058) | | EA | 1 | | | | | | | | | | | A1 |
| P--D | 5820-007-9544 | CASE, TRANSIT: 021-0187-00; (98376) | | EA | 1 | | | | | | * | * | | | | A1NP2 |
| M-D | | PLATE, IDENTIFICATION 767-0502-00; (13499) | | EA | 1 | | | | | | | | | | | A1NP2 |
| P-F-S | 6135-087-2301 | ADAPTER, BATTERY TERMINAL MX4430PRC47; (80058) | | EA | 1 | * | * | * | * | * | * | * | * | | | A2 |
| Y-D | | BRACKET, COVER-PRESSED: 549-6252-003; (13499) | | EA | 1 | | | | | | | | | | | A2MP1 |
| P-D | 5935-08-6228 | CONNECTOR, RECEPTACLE, ELECTRICAL: 549-6245-002; (13499) | | EA | 2 | | | | | | * | * | | | | A2J1 |
| P-D | 5310-349-847 | NUT, PLAIN, HEXAGON: P334-0284-000; (77250) | | EA | 3 | | | | | | * | * | | | | A2J1H1 |
| P-D | 5310-158-5240 | WASHER, FLAT: 549-6244-002; (13499) | | EA | 2 | | | | | | * | * | | | | A2JH2 |
| P-D | 5935-088-6228 | CONNECTOR, RECEPTACLE. ELECTRICAL: 549-6245-002; (13499) | | EA | REF | | | | | | REF | REF | | | | A2J2 |
| P-D | | NUT, PLAIN, HEXAGON: P334-0284-000; (77250) | | EA | REF | | | | | | REF | REF | | | | A2J2H1 |
| P-D | | NUT, PLAIN, HEXAGON: P334-0284-000; (77250) | | EA | REF | | | | | | REF | REF | | | | A2J2H2 |
| P-D | | WASHER, FLAT: 549-6244-002; (13499) | | EA | REF | | | | | | REF | REF | | | | A2J2H3 |
| M-D | | COVER, BATTERY BOX: 549-6250-003; (13499) | | EA | 1 | | | | | | | | | | | A2MP2 |
| M-D | 5935-951-3054 | COVER, ELECTRICAL CONNECTOR: 10-243964-143; (77820) | | EA | 1 | | | | | | | | | | | A2MP3 |
| M-D | | PIN, LOCATING: 549-6242-002; (13499) | | EA | 1 | | | | | | | | | | | A2MP4 |
| M-D | | PLATE, IDENTIFICATION: 737-4765-000; (13499) | | EA | 1 | | | | | | | | | | | A2MP5 |
| P-D | | STRIKE, CATCH: 549-6247-002; (13499) | | EA | 2 | | | | | | * | * | | | | A2A1 |
| X1-D | | CATCH, LUGGAGE: SCB83314-2A; (98003) | | EA | 1 | | | | | | REF | REF | | | | A2A1MP1 |
| X1-D | | SCREW, MACHINE: 549-6246-02; (13499) | | EA | REF | | | | | | | | | | | A2A1MP1H1 |
| P-D | | STRIKE, CATCH: 549-6247-002; (13499) | | EA | REF | | | | | | REF | REF | | | | A2A2 |
| X1-D | | CATCH, LUGGAGE: SCB83314-2A; (98003) | | EA | REF | | | | | | REF | REF | | | | A2A2MP1 |
| X1-D | | SCREW, MACHINE: 549-6246-002; (13499) | | EA | REF | | | | | | | | | | | A2A2MP1H1 |
| P--F | 5820-970-6766 | ADAPTER, CABLE TO CONNECTOR: U239PRC47; (80058) | | EA | 1 | * | * | * | * | * | * | * | * | | | A3 |
| X1-D | | BODY, ADAPTER: 549-6493-003; (13499) | | EA | 1 | | | | | | | | | | | A3NP1 |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| X1-D | | CONNECTOR, PLUG, ELECTRICAL: 164-28., (02660) | | EA | 1 | | | | | | | | | | A3P1 |
| X1-D | | NUT, PLAIN, HEXAGON: 549-6489-002, (13499) | | EA | 1 | | | | | | | | | | A3P1H1 |
| X1-D | | COVER, ADAPTER: 549-6490-002, (13499) | | EA | 1 | | | | | | | | | | A34P2 |
| X1-D | | SCREW, MACHINE: P343-0285-000, (77250) | | EA | 4 | | | | | | | | | | A3MP2HI |
| X1-D | | SCREW, MACHINE: P343-0285-000, (77250) | | EA | REF | | | | | | | | | | A3MP2H2 |
| X1-D | | SCREW, MACHINE: P343-0285-000, (77250) | | EA | REF | | | | | | | | | | A3P2H3 |
| X1-D | | SCREW, MACHINE: P343-0285-000,(77250) | | EA | REF | | | | | | | | | | A3MP1H4 |
| X1-D | | WASHER, LOCK, SPRING MS35338-135, (96906) | | EA | 1 | | | | | | | | | | A3MP2H5 |
| X1-D | | WASHER, LOCK, SPRING MS35338-135, (96906) | | EA | REF | | | | | | | | | | A3MP2H6 |
| X1-D | | WASHER, LOCK, SPRING MS35338-135, (96906) | | EA | REF | | | | | | | | | | A3MP2H7 |
| X1-D | | WASHER, LOCK, SPRING MS35338-135, (96906) | | EA | REF | | | | | | | | | | A3MP2H8 |
| X1-D | | GASKET-ADAPTER 549-6491-002, (13499) | | EA | 1 | | | | | | | | | | A3MP3 |
| X1-D | | PLATE, IDENTIFICATION 757-4766-000, (13499) | | EA | 1 | | | | | | | | | | A3MP4 |
| X1-D | | POST, BINDING 7841, (72825) | | EA | 4 | | | | | | | | | | A3E1 |
| X1-D | | SCREW, MACHINE: LP51957-28M, (03038) | | EA | 1 | | | | | | | | | | A3E1H1 |
| X1-D | | WASHER, FLAT 310-6360-000, (79807) | | EA | 1 | | | | | | | | | | A3E1H2 |
| X1-D | | WASHER, LOCK- MS35338-136, (96906) | | EA | 1 | | | | | | | | | | A3E1H3 |
| X1-D | | WASHER, NONMETALLIC 302-0020-000; (74921) | | EA | 1 | | | | | | | | | | A3E1H1 |
| X1-D | | WASHER, NONMETALLIC 302-7000-000, (74921) | | EA | 1 | | | | | | | | | | A3E1H5 |
| X1--D | | POST, BINDING. 7841; (72825) | | EA | REF | | | | | | | | | | A3E2 |
| X1-D | | SCREW, MACHINE LP51957-28M; (03038) | | EA | 1 | | | | | | | | | | A3E2H1 |
| X1-D | | WASHER, FLAT. 310-6360-000; (79807) | | EA | 1 | | | | | | | | | | A3E2H2 |
| X1-D | | WASHER, LOCK, SPRING M635338-136; (96906) | | EA | 1 | | | | | | | | | | A3E2H3 |
| X1-D | | WASHER, NONMETALLIC: 302-0020-000; (74921) | | EA | 1 | | | | | | | | | | A3E2H4 |
| X1-D | | WASHER, NONMETALLIC : 302-7000-000; (74921) | | EA | 1 | | | | | | | | | | A3E2H5 |

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|---|-----------------------------------|---|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| X1-D | | POST, BINDING 7841, (72825) | | EA | REF | | | | | | | | | | A3E3 |
| X1-D | | SCREW, MACHINE LP51957-28M; (03038) | | EA | 1 | | | | | | | | | | A3S3H1 |
| X1-D | | WASHER, FLAT 310-6360-000; (79807) | | EA | 1 | | | | | | | | | | A3E3H2 |
| X1-D | | WASHER, LOCK, SPRING MS35338-136; (96906) | | EA | 1 | | | | | | | | | | A3E3H3 |
| X1-D | | WASHER, NONMETALLIC: 302-0020-000, (74921) | | EA | 1 | | | | | | | | | | A3E3H4 |
| X1-D | | WASHER, NONMETALLIC. 302-7000-000; (74921) | | EA | 1 | | | | | | | | | | A3E3H5 |
| X1-D | | POST, BINDING. 7841, (72825) | | EA | REF | | | | | | | | | | A3E4 |
| X1-D | | SCREW, MACHINE: LP51957-28M, (03038) | | EA | 1 | | | | | | | | | | A3E4H1 |
| X1-D | | WASHER, FLAT. 310-6360-000, (79807) | | EA | 1 | | | | | | | | | | A3E4H2 |
| X1-D | | WASHER, LOCK, SPRING MS35338-136; (96906) | | EA | 1 | | | | | | | | | | A3E4H3 |
| X1-D | | WASHER, NGNMETALLIC. 302-0020-000; (74921) | | EA | 1 | | | | | | | | | | A3E4H4 |
| X1-D | | WASHER, NOIMETALLIC: 302-7000-000; (74921) | | EA | 1 | | | | | | | | | | A3E4H5 |
| Y1-D | | TERMINAL, LUG. 2522-06-00-20, (78189) | | EA | 4 | | | | | | | | | | A3E5 |
| X1-D | | TERMINAL, LUG. 2522-06-00-20, (78189) | | EA | REF | | | | | | | | | | A3E6 |
| X1-D | | TERMINAL, LUG: 2522-06-00-20, (78189) | | EA | REF | | | | | | | | | | A3E7 |
| X1-D | | TERMINAL, LUG 2522-06-00-20, (78189) | | EA | REF | | | | | | | | | | A3E8 |
| P-D | 5935-432-6476 | ADAPTER, CONNECTOR 756-2809-001, (1349 9) | | EA | 1 | | | | | | | * | * | | CP1 |
| P-F-T | 5985-087-2326 | ANTENN- AS1320PRC47, (80058) | | EA | 1 | * | * | * | * | * | * | * | * | | A4 |
| P-F-T | | ANTENNA SUBASSEMBLY, WHIP. 548-9095-002; (13499) | | EA | 1 | * | * | * | * | * | * | * | * | | A4A1 |
| A-F-S | | ANTENNA 147, (23675) | | EA | 1 | | | | | | | | | | A4A1E1 |
| P-D | 5895-984-1066 | SECTION, BASE CF76991, (23675) | | EA | 1 | | | | | | | * | * | | A4AE1MP1 |
| P-D | 5895-98h-1067 | SECTION, LOWER CF75961, (23675) | | EA | 3 | | | | | | | * | * | | A4A1E1MP2 |
| P-D | 5895-984-1067 | SECTION, LOWER CF75961, (23675) | | EA | REF | | | | | | | REF | REF | | A4A1E1MP3 |
| P-D | 5895-984-1067 | SECTION, LOWER CF75961, (23675) | | EA | REF | | | | | | | REF | REF | | A4A1E1MP4 |
| P-D | 5895-060-4825 | SECTION, TIP CF75991, (23675) | | EA | 1 | | | | | | | * | * | | A4A1E1MP5 |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE**** | | | | | | | | | | | | | | | |
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| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| P-D | 5895-984-1068 | SECTION, TRANSITION: CF75971, (23675) | | EA | 1' | | | | | | | * | * | A4A1E1MP6 | |
| P-D | 5895-984-1069 | SECTION, UPPER: CF75981, (23675) | | EA | 3 | | | | | | | * | * | A4A1E1MP7 | |
| P-D | 5895-984-1069 | SECTION, UPPER: CF75981, (23675) | | EA | REF | | | | | | | REF | REF | A4A1E1MP8 | |
| P-D | 5895-984-1069 | SECTION, UPPER: CF75981, (23675) | | EA | REF | REF | REF | | | | | | | A4A1E1MP9 | |
| P-F | 5975-987-8830 | BOOT, ANTENNA: 548-9097-003, (13499) | | EA | 1 | * | * | * | * | * | * | * | * | ALAIMP1 | |
| M-D | | CASE, ANTENNA: 548-911-0004, (13499) | | EA | 1 | | | | | | | | | A4A2 | |
| P-F-S | 5985-087-2305 | ANTENNA: AS-1321PRC7., (80058) | | EA | 1 | * | * | * | * | * | * | * | * | A5 | |
| M-D | | BAND, MARKER, CABLE: 797-4357-001; (13499) | | EA | 2 | | | | | | | | | A5MP1 | |
| M-D | | BAND, MARKER, CABLE: 797-4357-001, (13499) | | EA | REF | | | | | | | | | A5MP2 | |
| M-D | | BAND, MARKER, CABLE: 797-4358-01, (13499) | | EA | 1 | | | | | | | | | A5MP3 | |
| P-D | | CLIP, ELECTRICAL: 30, (76545) | | EA | 2 | | | | | | | * | * | ASE1 | |
| P-D | | CLIP, ELECTRICAL: 30, (76545) | | EA | REF | | | | | | | REF | REF | ASE2 | |
| P-D | 6625-757-4144 | CONTACT, ELECTRICAL: 554-7052-003, (13499) | | EA | 1 | | | | | | | * | * | A5E3 | |
| P-D | 5910-117-5012 | INSULATOR, STRAIN JAN121TYPENPEN2W5601, (81350) | | EA | 2 | | | | | | | * | * | A5E4 | |
| P-D | 5910-117-5012 | INSULATOR, STRAIN JAN121TYPENPEN2W5601, (81350) | | EA | REF | | | | | | | REF | REF | A5E5 | |
| P-D | 5355-965-4878 | KNOB 554-7409-002, (13499) | | EA | 1 | | | | | | | * | * | A5MP4 | |
| M-D | 5315-823-8746 | PIN, SPRING- MS16562-206, (96906) | | EA | 1 | | | | | | | | | A5MP5 | |
| M-D | | SHAFT ASSEMBLY 554-7050-002, (13499) | | EA | 1 | | | | | | | | | ASAI | |
| P-D | 5820-798-9615 | CAP, ELECTRICAL 554-7047-002, (13499) | | EA | 1 | | | | | | | * | * | A5A1E1 | |
| N-D | 5315-823-8744 | PIN, SPRING. MS16562-203, (96906) | | EA | 1 | | | | | | | | | A5A1MP1 | |
| M-D | | SHAFT, STRAIGHT 554-7048-002, (13499) | | EA | 1 | | | | | | | | | A5A1MP2 | |
| P-D | | SHELL, ELECTRICAL CONNECTOR- 548-9098-003, (13499) | | EA | 1 | | | | | | | * | * | A5E2 | |
| P-D | 5305-719-5064 | SCREW, MACHINE MS51959-30, (96906) | | EA | 3 | | | | | | | * | * | A5E2H1 | |
| P-D | 5305-719-5064 | SCREW, MACHINE MS51959-30, (96906) | | EA | REF | | | | | | | REF | REF | A5E2H2 | |
| P-D | 5305-719-5064 | SCREW, MACHINE MS51959-30, (96906) | | EA | REF | | | | | | | REF | REF | A5F2H3 | |

SECTION II

TM 11-5820-509-35

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|---|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| M-D | | SHIM 554-7051-002, (13499) | | EA | 1 | | | | | | | | | | A5H1 |
| P-D | 5940-501-5832 | TERMINAL LUG. 35107, (00779) | | EA | 1 | | | | | | | * | * | | A5E3 |
| P-D | 5305-059-8247 | SCREW, MACHINE P343-0327-000, (77250) | | EA | 1 | | | | | | | * | * | | A5E3H1 |
| P-D | | WASHER, SPRING TENSION: 310-0078-000, (79807) | | EA | 1 | | | | | | | * | * | | A5E3H2 |
| P-D | | WIRE, ELECTRICAL 955-0421UTXhi9W, (77872) | | FT | 47 | | | | | | | * | * | | A5W1 |
| P-F-S | 5820-981-7539 | FRAME, ACCESSORIES 549-6277-000, (13499) | | EA | 1 | * | * | * | * | * | * | * | * | | A6 |
| M-D | | BILLET, SHOULDER STRAP: 021-0192-000, (24036) | | EA | 4 | | | | | | | | | | A6MP1 |
| Y-D | | BILLET, SHOULDER STRAP 021-0192-000; (24036) | | EA | REF | | | | | | | | | | A6MP2 |
| M-D | | BILLET, SHOULDER STRAP- 021-0192-000, (24036) | | EA | REF | | | | | | | | | | A6MP3 |
| M-D | | BILLET, SHOULDER STRAP. 021-0192-000, (24036) | | EA | REF | | | | | | | | | | A6MP4 |
| P-D | 5340-947-6204 | CLAMP ASSEMBLY 519-6281-002, (13499) | | EA | 2 | | | | | | | 10 | 4 | | A6A1 |
| P-D | | CLAMP, LOOP. 549-62782002, (13499) | | EA | 1 | | | | | | | * | * | | A6AIMP1 |
| P-D | | THUMBSCREW, LONG 553-9810-003, (13499) | | EA | 1 | | | | | | | * | * | | A6AIA1 |
| P-D | 5305-054-5648 | SCREW, MACHINE: MS51957-14; (96906) | | EA | 1 | | | | | | | * | * | | A6A1A1H1 |
| P-D | | KINOB- 553-9806-002, (13499) | | EA | 1 | | | | | | | | | | A6A1A1MP1 |
| M-D | | PIN, SHOULDER, HEADLESS, LONG 553-9808-002, (13499) | | EA | 1 | | | | | | | | | | A6A1A1MP2 |
| M-D | 5315-754-1621 | PIN, SPRING MS171503, (96906) | | EA | 1 | | | | | | | | | | A6A1A1MP3 |
| P-D | 5340-947-6200 | CLAMP, ASSEMBLY 549-6281-002, (13499) | | EA | REF | | | | | | | REF | REF | | A6A2 |
| P-D | | CLAMP, LOOP 549-6278-002, (13499) | | EA | 1 | | | | | | | REF | REF | | A6A2MP1 |
| P-D | | THUMBSCREW, LONG 553-9810-003, (13499) | | EA | REF | | | | | | | REF | REF | | A6A2A1 |
| P-D | 5305-054-5648 | SCREW, MACHINE MS51957-14, (96906) | | EA | REF | | | | | | | REF | REF | | A6A2AIH1 |
| M-D | | KNOB. 553-9806-002, (13499) | | EA | REF | | | | | | | | | | A6A2A1MP1 |
| M-D | | PIN, SHOULDER 553-9808-002, (13499) | | EA | REF | | | | | | | | | | A6A2A1MP2 |
| M-D | 5315-754-1621 | PIN, SPRING MS171503, (96906) | | EA | REF | | | | | | | | | | A6A2A1MP3 |

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|---|-----------------------------------|---|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| P-D | 5340-758-5660 | CLAMP, LOOP 549-6280-002; (13499) | | EA | 2 | | | | | | | * | * | A6MP5 | |
| P-D | 5305-059-3663 | SCREW, MACHINE MS51958-67, (96906) | | EA | 1 | | | | | | | * | * | A6MP5H1 | |
| P-D | 5340-758-5660 | CLAMP, LOOP 549-6280-002, (13499) | | EA | REF | | | | | | | REF | REP | A6MP6 | |
| P-D | 5305-059-3663 | SCREW, MACHINE MS51958-67, (96906) | | EA | 1 | | | | | | | REF | REF | A6MP6H1 | |
| M-D | 5820-758-0064 | HOLDER, FRAME, NO. 1: 549-6279-002, (13499) | | EA | 1 | | | | | | | | | A6MP7 | |
| P-D | 5305-770-2580 | SCREW, MACHINE MS51959-16, (96906) | | EA | 2 | | | | | | | * | * | A6MP7H1 | |
| P-D | 5305-770-2580 | SCREW, MACHINE MS51959-16, (96906) | | EA | REF | | | | | | | REF | REF | A6MP7H2 | |
| P-D | 5820-758-0063 | PLATE ASSEMBLY, SUPPORT 549-6293-004, (13499) | | EA | 1 | | | | | | | * | * | A6A3 | |
| M-D | | PLATE, SUPPORT: 549-6287-002, (13499) | | EA | 1 | | | | | | | | | A6A3MP1 | |
| M-D | | PLATE, SUPPORT 549-6289-003, (13499) | | EA | 1 | | | | | | | | | A6A3MP2 | |
| M-D | | SUPPORT, SHOULDER STRAP: 021-0189-000, (13499) | | EA | 1 | | | | | | | | | A6A3MP3 | |
| P-D | | NUT, SELF-LOCKING, HEXAGON 68NN62, (72962) | | EA | 2 | | | | | | | * | * | A6A31P3H1 | |
| P-D | | NUT, SELF-LOCKING, HEXAGON 68NM62, (72962) | | EA | REF | | | | | | | REF | REF | A6A3MP3H2 | |
| P-D | | SCREW, MACHINE P325-0066-000, (77250) | | EA | 2 | | | | | | | * | * | A6A3MP3H3 | |
| P-D | | SCREW, MACHINE P325-0066-000, (77250) | | EA | REF | | | | | | | REF | RE | A6A3M3H4 | |
| P-D | | WASHER, FLAT- 310-0447-000, (79807) | | EA | 2 | | | | | | | * | * | A6A3MP3H5 | |
| P-D | | WASHER, FLAT 310-0447-000, (79807) | | EA | REF | | | | | | | REF | REF | A634MP3H6 | |
| P-D | | THUMBSCREW, SHORT: 553-9809-003, (13499) | | EA | 2 | | | | | | | * | * | A6A3A1 | |
| P-D | 5310-857-5548 | NUT, SELF-LOCKING, HEXAGON: MS21044D04, (96906) | | EA | 1 | | | | | | | * | * | A6A3A1H1 | |
| P-D | 5305-763-7822 | SCREW, MACHINE MS51959-14, (96906) | | EA | 1 | | | | | | | * | * | A6A3AH1 | |
| M-D | | KNOB 553-9806-002, (13499) | | EA | 1 | | | | | | | | | A6A3A1MP1 | |
| M-D | | PIN, SHOULDER, HEADLESS, SHORT: 553-9807-002, (L3499) | | EA | 1 | | | | | | | | | A6A3A1MP2 | |
| M-D | 5315-754-1621 | PIN, SPRING MS171503, (96906) | | EA | 1 | | | | | | | | | A6A3A1MP3 | |
| P-D | | THUMBSCREW, SHORT 553-9809-003, (13499) | | EA | REF | | | | | | | | | A6A3A2 | |

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| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| P-D | 5310-857-5548 | NUT, SELF-LOCKING, HEXAGON: MS21044D04; (96906) | | EA | 1 | | | | | | | REF | REF | A6A3A2H1 | |
| P-D | 5305-763-7822 | SCREW, MACHINE MS51959-14; (96906) | | EA | 1 | | | | | | | REF | REF | A6A3A2H1 | |
| M-D | | KNOB: 553-9806-002; (13499) | | EA | 1 | | | | | | | | | A6A3A2MP1 | |
| M-D | | PIN, SHOULDER, HEADLESS, SHORT: 553-9807-002; (13499) | | EA | 1 | | | | | | | | | A6A3A2MP2 | |
| M-D | | PIN, SPRING: MS171503; (96906) | | EA | 1 | | | | | | | | | A6A3A2MP3 | |
| M-D | 5110-115-5049 | RETAINER, BATTERY-RIVETED 549-6292-003; (13499) | | EA | 1 | | | | | | | | | A6A4 | |
| P-D | 5340-290-0939 | BUCKLE: 11NO1136STL; (76786) | | EA | 2 | | | | | | | * | * | A6A4MP1 | |
| P-D | 5340-290-0939 | BUCKLE: 11NO1136STL; (76786) | | EA | REF | | | | | | | REF | REF | A6A4MP2 | |
| M-D | 5820-960-7832 | STRAP, BACK: WAGC6347; (79215) | | EA | 2 | | | | | | | | | A6MP8 | |
| M-D | 5820-960-7832 | STRAP, BACK: WAGC6347; (79215) | | EA | REF | | | | | | | | | A6MP9 | |
| M-D | 5340-734-5982 | STRAP, WEBBING-SECURING: 549-6282-002; (13499) | | EA | 1 | | | | | | | | | A6MP10 | |
| P-F-T | | HANDSET, H-33G1P, 977-0049-010 | | EA | 1 | * | * | * | * | * | * | * | * | | |
| P-D | 5965-985-3589 | HEADSET, ELECTRICAL: H233PRC47; (80058) | | EA | 1 | | | | | | | | | HT1 | |
| P-F-T | 5820-062-4758 | LEG, ELECTRICAL EQUIPMENT MT2786PRC47; (80058) | | EA | 1 | * | * | * | * | * | * | * | * | A7 | |
| M-D | | CASE, LEGS: 549-6495-004; (13499) | | EA | 1 | | | | | | | | | A7MP1 | |
| M-D | 5820-795-9368 | LEG, ELECTRICAL EQUIPMENT 549-6494-003; (13499) | | EA | 2 | | | | | | | | | A7A1 | |
| M-D | | BUSHING, SLEEVE: 549-6482-002; (13499) | | EA | 2 | | | | | | | | | A7A1MP1 | |
| M-D | | BUSHING, SLEEVE: 549-6482-002; (13499) | | EA | REF | | | | | | | | | A7A1MP2 | |
| P-D | 5340-795-9364 | CLAMP, FRICTION-FEMALE: 549-6486-002; (13499) | | EA | 2 | | | | | | | * | * | A7A1MP3 | |
| P-D | 5340-795-9364 | CLAMP, FRICTION- FEMALE: 549-6486-002; (13499) | | EA | REF | | | | | | | REF | REF | A7A1WP4 | |
| M-D | | COUNTERPOISE SUBASSEMBLY. 549-6477-002; (13499) | | EA | 1 | | | | | | | | | A7A1E1 | |
| P-D | 6145-191-8397 | BRAID, WIRE: 36062; (75818) | | FT | 64 | | | | | | | * | * | A7A1E1W1 | |
| P-D | | PLUG, TIP: 108; (83330) | | EA | 1 | | | | | | | * | * | A7A1E1P1 | |
| M-D | 5820-795-9369 | HOUSING, LEG-HINGE. 549-6487-002; (13499) | | EA | 2 | | | | | | | | | A7A1MP5 | |
| M-D | 5820-795-9369 | HOUSING, LEG-HINGE: 549-6487-002; (13499) | | EA | REF | | | | | | | | | A7A1MP6 | |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|---|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| M-D | | LEG, SECTION, ELECTRICAL EQUIPMENT: 549-6478-002, (13499) | | EA | 1 | | | | | | | | | | A7A1MP7 |
| M-D | | LEG, SECTION, ELECTRICAL EQUIPMENT: 549-6479-002, (13499) | | EA | 1 | | | | | | | | | | A7A1MP8 |
| M-D | 5820-795-9R71 | PLATE, LEG MOUNTING: 549-6483-002, (13499) | | EA | 1 | | | | | | | | | | A7A1MP9 |
| P-D | 5820-795-9370 | RETAINER, LEG: 549-6484-002; (13499) | | EA | 2 | | | | | | | | | | A7A1MP10 |
| P-D | 5310-934-9765 | NUT, PLAIN, HEXAGON: NS35650-304, (96906) | | EA | 2 | | | | | | | | | | A7A1MP10H1 |
| P-D | 5310-934-9765 | NUT, PLAIN, HEXAGON: MS35650-304, (96906) | | EA | REF | | | | | | | REF | REF | | A7A1MP10H2 |
| P-D | 5305-071-1325 | SCREW, MACHINE: MS51960-68, (96906) | | EA | 2 | | | | | | | * | * | | A7A1MP10H3 |
| P-D | 5305-071-1325 | SCREW, MACHINE: NS51960-68, (96906) | | EA | REF | | | | | | | REF | REF | | A7A1MP10H4 |
| P-D | 5310-933-8120 | WASHER, LOCK, SPRING: MS35338-138, (96906) | | EA | 2 | | | | | | | * | * | | A7A1MP10H5 |
| P-D | 5310-933-8120 | WASHER, LOCK, SPRING: MS35338-138; (96906) | | EA | REF | | | | | | | REF | REF | | A7A1MP10H6 |
| P-D | 5820-795-9370 | RETAINER, LEG: 549-6484-002; (13499) | | EA | REF | | | | | | | REF | REF | | A7A1MP11 |
| P-D | 5310-934-9765 | NUT, PLAIN, HEXAGON: MS35650-304; (96906) | | EA | 2 | | | | | | | REF | REF | | A7A1MP11H1 |
| P-D | 5310-938&9765 | NUT, PLAIN, HEXAGON: MS35650-3o40, (96906) | | EA | REF | | | | | | | REF | REF | | A7A1MP11H2 |
| P-D | 5305-071-1325 | SCREW, MACHINE: NS51960-68, (96906) | | EA | 2 | | | | | | | REF | REF | | A7A1MP11H3 |
| P-D | 5305-71-1325 | SCREW, MACHINE: MS51960-68, (96906) | | EA | REF | | | | | | | REF | REF | | A7A1MP11H4 |
| P-D | 5310-933-8120 | WASHER, LOCK, SPRING: Ns35338-138; (96906) | | EA | 2 | | | | | | | REF | REF | | A7A1MP11H5 |
| P-D | 5310-9338120 | WASHER, LOCK, SPRING: NS35338-138, (96906) | | EA | REF | | | | | | | REF | REF | | A7A1MP11H6 |
| P-D | 5305-788-9883 | STUD, WING: 549-6475-002, (13499) | | EA | 2 | | | | | | | * | * | | A7A1A |
| M-D | | PIN, GROOVED, HEADLESS: MS35672-14, (96906) | | EA | 1 | | | | | | | | | | A7A1A1MP1 |
| M-D | | PIN, SHOULDERED, HEADLESS: 549-6476-002, (13499) | | EA | 1 | | | | | | | | | | A7A1A1MP2 |
| M-D | | WING, STUD: 549-6480-002, (13499) | | EA | 1 | | | | | | | | | | A7A1A1MP3 |
| P-D | 5305-788-9883 | STUD, WING 549-667-0002; (13499) | | EA | REF | | | | | | | REF | REF | | A7A1A2 |
| M-D | | PIN, GROOVED, HEADLESS: MS35672-14, (96906) | | EA | 1 | | | | | | | | | | A7A1A2MP1 |
| M-D | | PIN, SHOULDERED, HEADLESS: 549-76-002, (13&99) | | EA | 1 | | | | | | | | | | A7A1A2MP2 |

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|---|-----------------------------------|---|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|
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| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| M-D | | WING, STUD: 549-6480-002, (13499) | | EA | 1 | | | | | | | | | | A7A1A2MP3 |
| P-D | 5310-938-8387 | WASHER: 542-1598-003, (13499) | | EA | 2 | | | | | | | * | * | | A7A1H1 |
| P-D | 5310-685-7469 | WASHER: 542-1598-003; (13499) | | EA | REF | | | | | | | REF | REF | | A7A1H2 |
| M-D | | LEG, ELECTRICAL EQUIPMENT: 549-6494-003; (13499) | | EA | REF | | | | | | | | | | A7A2 |
| M-D | 3120-368-7946 | BUSHING, SLEEVE: 549-6482-002; (13499) | | EA | 2 | | | | | | | | | | A7A2MP1 |
| M-D | 3120-768-7946 | BUSHING, SLEEVE: 549-6482-002; (13499) | | EA | REF | | | | | | | | | | A7A2MP2 |
| P-D | 5340-795-9364 | CLAMP, FRICTION-FEMALE: 549-6486-002; (13499) | | EA | 2 | | | | | | | REF | REF | | A7A2MP3 |
| P-D | 5340-795-9364 | CLAMP, FRICTION-FEMALE: 5,9-6486-002; (13199) | | EA | REF | | | | | | | REF | REF | | A7A2MP4 |
| M-D | | COUNTERPOISE: 549-6477-002; (1399) | | EA | 1 | | | | | | | | | | A7A2E1 |
| P-D | 6145-191-8397 | BRAID, WIRE: 36062; (75818) | | FT | 63 | | | | | | | REF | REF | | A7A2E1W1 |
| P-D | | PLUG, TIP: 108; (83330) | | EA | REF | | | | | | | REF | REF | | A7A2E1P1 |
| M-D | | HOUSING, LEG-HINGE: 549-6487-002, (13499) | | EA | 2 | | | | | | | | | | A7A2MP5 |
| M-D | | HOUSING, LEG-HINGE: 549-6487-002; (13499) | | EA | REF | | | | | | | | | | A7A2MP6 |
| M-D | 5820-T66-1827 | LEG SECTION, ELECTRICAL EQUIPMENT: 549-6478-002; (13499) | | EA | 1 | | | | | | | | | | A7A2MP7 |
| M-D | 5820-766-1828 | LEG SECTION, ELECTRICAL EQUIPMENT: 549-6479-002; (13499) | | EA | 1 | | | | | | | | | | A7A2MP8 |
| M-D | | PLATE, LEG MOUNTING: RETAINER LEG: 549-6484L-02; (13499) | | EA | 1 | | | | | | | REF | REF | | A7A2MP9 |
| P-D | 5820-795-9370 | | | EA | 2 | | | | | | | | | | A7A2MP10 |
| P-D | 5310-934-9765 | NUT, PLAIN, HEXAGON: MS35650-304; (96906) | | EA | 2 | | | | | | | REF | REF | | A7A2MP10H1 |
| P-D | 5310-934-9765 | NUT, PLAIN, HEXAGON: MS35650-304; (96906) | | EA | REF | | | | | | | REF | REF | | A7A2MP10H2 |
| P-D | 5305-071-1325 | SCREW, MACHINE: MS51960-68; (96906) | | EA | 2 | | | | | | | REF | REF | | A7A2MP10H3 |
| P-D | 5305-071-1325 | SCREW, MACHINE: MS51960-68; (96906) | | EA | REF | | | | | | | REF | REF | | A7A2MP10H4 |
| P-D | 5310-933-8120 | WASHER, LOCK, SPRING: MS35338-138; (96906) | | EA | 2 | | | | | | | REF | REF | | A7A2MP10H5 |
| P-D | 5310-9338120 | WASHER, LOCK, SPRING: MS35338-138; (96906) | | EA | REF | | | | | | | REF | REF | | A7A2MP10H6 |
| P-D | 5820-795-9370 | RETAINER, LEG. 549-6484-002; (13499) | | EA | REF | | | | | | | REF | REF | | A7A2MP11 |
| P-D | 5310-934-9765 | NUT, PLAIN, HEXAGON: MS35650-304, (96906) | | EA | 2 | | | | | | | REF | REF | | A7A2MP11H1 |

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| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| P-D | 5310-934-9765 | NUT, PLAIN, HEXAGON: MS35650-304; (96906) | | EA | REF | | | | | | | REF | REF | | A7A2MP11H2 |
| P-D | 5305-071-1325 | SCREW, MACHINE: MS51960-68; (96906) | | EA | 2 | | | | | | | REF | REF | | A7A2MP11H3 |
| P-D | 5305-071-1325 | SCREW, MACHINE: MS51960-68; (96906) | | EA | REF | | | | | | | REF | REF | | A7A2MP11H4 |
| P-D | 5310-933-8120 | WASHER, LOCK, SPRING: MS35338-138; (96906) | | EA | 2 | | | | | | | REF | REF | | A7A2MP11H5 |
| P-D | 5310-933-8120 | WASHER, LOCK, SPRING: MS35338-138; (96906) | | EA | REF | | | | | | | REF | REF | | A7A2MP11H6 |
| P-D | | STUD, WING: 549-6475-002; (13499) | | EA | 2 | | | | | | | REF | REF | | A7A2A1 |
| M-D | | PIN, GROOVED, HEADLESS. MS35672-14; (96906) | | EA | REF | | | | | | | | | | A7A2A1MP1 |
| M-D | | PIN, SHOULDERED, HEADLESS: 549-676-002; (13499) | | EA | 1 | | | | | | | | | | A7A2A1MP2 |
| M-D | | WING, STUD 549-6480-002; (13499) | | EA | REF | | | | | | | | | | A7A2A1MP3 |
| P-D | | STUD, WING: 549-6475-002; (13499) | | EA | REF | | | | | | | REF | REF | | A7A2A2 |
| M-D | | PIN, GROOVED, HEADLESS: MS35672-14; (96906) | | EA | 1 | | | | | | | | | | A7A2A2MP1 |
| M-D | | PIN, SHOULDERED, HEADLESS: 549-676-002; (13499) | | EA | 1 | | | | | | | | | | A7A2A2MP2 |
| M-D | | WING, STUD 549-6480-002; (13499) | | EA | REF | | | | | | | | | | A7A2A2MP3 |
| P-D | | WASHER : 542-1598-003; (13499) | | EA | 2 | | | | | | | REF | REF | | A7A2H1 |
| P-D | | WASHER : 542-1598-003; (13499) | | EA | REF | | | | | | | REF | REF | | A7A2H2 |
| M-D | | PLATE, IDENTIFICATION: 757-4764-000; (13499) | | EA | 2 | | | | | | | | | | A7MP1 |
| M-D | | PLATE, IDEFTIFICATION: 757-4764-000; (13499) | | EA | REF | | | | | | | | | | A7MP2 |
| M-D | | PLATE, IDEFTIFICATION: 757-4764-000; (13499) | | EA | 1 | | | | | | | | | | MP4 |
| P-F-S | 5820-082-1599 | RECEIVER-TRANSMITTER, RADIO: RT671PRC47; (80058) | | EA | 1 | * | * | * | * | * | * | * | * | 3-4 | A8 |
| P-H-S | 5820-087-2314 | CONTROL, OSCILIATOR: C4311PRC47; (80058) | | EA | 1 | | | | | | * | * | * | 3-4 | A8A7 |
| P-H-T | 5820-975-5417 | AMPLIFIER, RADIO FREQUENCY. 549-5788-004; (13499) | | EA | 1 | | | | | * | * | * | * | 3-14 | A8A7E4 |
| X1-D | | BOARD, PRINTED CIRCUIT: 549-5790-004; (13499) | | EA | 1 | | | | | | | | | 3-57 | A8A7E4E1 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8083; (56289) | | EA | 4 | | | | | | | | | 3-57 | A8A7E4C57 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8083; (56289) | | EA | REF | | | | | | | | | 3-57 | A8A7E4C59 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8083; (56289) | | EA | REF | | | | | | | | | 3-57 | A8A7E4C60 |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|---|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| X1-D | | CAPACITOR, FIXED, CERAMIC. 6S8083, (56289) | | EA | REF | | | | | | | | | 3-57 | A8A6E4C63 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC. 150D104X0035A2, (56289) | | EA | 2 | | | | | | | | | 3-57 | A8A7E4C58 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D104X0035A2; (56289) | | EA | REF | | | | | | | | | 3-57 | A8A7E4C61 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05CD100D03; (81349) | | EA | 1 | | | | | | | | | 3-57 | A8A7E4C56 |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED220J03; (81349) | | EA | 3 | | | | | | | | | 3-57 | A8A7E4C66 |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED220J03; (81349) | | EA | REF | | | | | | | | | 3-57 | A8A7E4C68 |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED220J03, (81349) | | EA | REF | | | | | | | | | 3-57 | A8A7E4C70 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390J03, (81349) | | EA | 3 | | | | | | | | | 3-57 | A8A7E4C65 |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED390J03, (81349) | | EA | REF | | | | | | | | | 3-57 | A8A7E4C67 |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED390J03, (81349) | | EA | REF | | | | | | | | | 3-57 | A8A7E4C69 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15F471J300WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-57 | A8A7E4C62 |
| X1-D | | COIL, RADIO FREQUENCY LT10K020; (81349) | | EA | 3 | | | | | | | | | 3-57 | A8A7E4L16 |
| X1-D | | COIL, RADIO FREQUENCY LT10K020; (81349) | | EA | REF | | | | | | | | | 3-57 | A8A7E4L17 |
| X1-D | | COIL, RADIO FREQUENCY LT10K020; (81349) | | EA | REF | | | | | | | | | 3-57 | A8A7E4L18 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G121KS; (81349) | | EA | 2 | | | | | | | | | 3-57 | A8ATE4R88 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G121KS; (81349) | | EA | REF | | | | | | | | | 3-57 | A8A7E4R93 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G221KS, (81349) | | EA | 1 | | | | | | | | | 3-57 | A8A7E4R97 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G561KS, (81349) | | EA | 2 | | | | | | | | | 3-57 | A8A7E4R92 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G561KS; (81349) | | EA | REF | | | | | | | | | 3A8 | A8A7E4R102 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G392KS; (81349) | | EA | 2 | | | | | | | | | 3-57 | A8A7E4R95 |
| X1-D | | RESISTOR, FIXED, COMPOSITION. RCR07G392KS; (81349) | | EA | REF | | | | | | | | | 3-57 | A8A7E4R101 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G472KS; (81349) | | EA | 2 | | | | | | | | | 3-57 | A8A7E4R90 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G472KS; (81349) | | EA | REF | | | | | | | | | 3-57 | A8A7E4R99 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G562KS, (81349) | | EA | 2 | | | | | | | | | 3-57 | A8A7E4R91 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G562KS; (81349) | | EA | REF | | | | | | | | | 3-51 | A8A7E4R96 |

SECTION II

TM 11-5820-509-35

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|---|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G822KS, (81349) | | EA | 1 | | | | | | | | | 3-57 | A8A7E4R100 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G825KS, (81349) | | EA | 3 | | | | | | | | | 6-67 | A8A7E4R89 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G825KS, (81349) | | EA | REF | | | | | | | | | 3-57 | A8A7E4R94 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G825KS, (81349) | | EA | REF | | | | | | | | | 3-57 | A8A7E4R98 |
| X1-D | | TRANSISTOR 2N703, (07688) | | EA | 3 | | | | | | | | | 3-57 | A8A7E4Q17 |
| X1-D | | TRANSISTOR 2N703; (07688) | | EA | REF | | | | | | | | | 3-57 | A8A7E4Q18 |
| X1-D | | TRANSISTOR 2N703, (07688) | | EA | REF | | | | | | | | | 3-57 | A8A7E4Q19 |
| P-D | | BEARING, BALL, ANNULAR: NM2032ZM3E; (43334) | | EA | 2 | | | | | | * | * | | | A8A7MP1 |
| P-D | | BEARING, BALL, ANNULAR:: NM2032ZM3E; (43334) | | EA | REF | | | | | | REF | REF | | | A8A7MP2 |
| P-D | 3120-865-8571 | BEARING, SLEEVE, FLANGED, NYLON: 3L3F, (96881) | | EA | 1 | | | | | | * | * | | | A8A7MP3 |
| P-D | | BUTTON, CABLE: 541-5179-002; (13499) | | EA | 1 | | | | | | * | * | | | A8ATMP4 |
| P-D | 5910-583-1997 | CAPACITOR, FIXED, CERAMIC 2465-009W5T0102P, (72982) | | EA | 4 | | | | | | * | * | 3-61 | ASA7C181 | |
| P-D | 5910-583-1997 | CAPACITOR, FIXED, CERAMIC 2465-009W5T0102P, (72982) | | EA | REF | | | | | | REF | REF | 3-61 | A8A7C182 | |
| P-D | 5910-583-1997 | CAPACITOR, FIXED, CERAMIC 2465-009W5T0102P, (72982) | | EA | REP | | | | | | REF | REF | 3-61 | A8A7C183 | |
| P-D | 5910-583-1997 | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P, (72982) | | EA | REF | | | | | | REF | REF | 3-61 | A8A6C184 | |
| X1-D | | CHASSIS, ELECTRICAL EQUIPMENT 549-5809-005, (13499) | | EA | 1 | | | | | | | | | | A8A7MP5 |
| X1-D | | CHASSIS, FILTER: 756-0318-004, (13499) | | EA | 1 | | | | | | | | | | A8A7MP6 |
| P-D | 5950-828-1343 | COIL, RADIO FREQUENCY LT10K043; (81349) | | EA | 4 | | | | | | * | * | 3-61 | A8A7L34 | |
| P-D | 5950-828-1343 | COIL, RADIO FREQUENCY LT10K043, (81349) | | EA | REF | | | | | | REF | REF | 3-61 | ASA7L35 | |
| P-D | 59-828-1343 | COIL, RADIO FREQUENCY LT10K043; (81349) | | EA | REF | | | | | | REF | REF | 3-61 | A8A7L36 | |
| P-D | 59 828-1343 | COIL, RADIO FREQUENCY LT10K043; (81349) | | EA | REF | | | | | | REF | REF | 3-61 | A8A7L37 | |
| P-D | | CONNECTOR, RECEPTACLE, ELECTRICAL. DAM3W3P, (71468) | | EA | 1 | | | | | | * | * | | | A8A7P2 |
| P-D | 5305-7702533 | SCREW, MACHINE MS51959-13, (96906) | | EA | 1 | | | | | | | | | | A8A7P2H1 |
| P-D | 5305-763-7822 | SCREW, MACHINE MS51959-14, (96906) | | EA | 1 | | | | | | REF | REF | | | A8A7P2H2 |
| P-D | 5310-058-3599 | WASHER, LOCK: MS35335-51, (96906) | | EA | 1 | | | | | | | | | | A8A7P2H3 |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|---|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| X1-D | | WASHER, LOCK, SPRING: MS35338-135; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A7P2H4 |
| P-D | 5935-810-6598 | CONNECTOR, RECEPTACLE, ELECTRICAL DAM7W2P, (71468) | | EA | 1 | | | | | | | * | * | 3-61 | A8A7P1 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | 2 | | | | | | | * | * | | A8A7P1H1 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | REF | | | | | | | REF | REF | | A8A7P1H2 |
| P-D | 5305-763-7822 | SCREW, MACHINE. MS51959-14, (96906) | | EA | 2 | | | | | | | REF | REF | | A8A7P1H3 |
| P-D | 5305-763-7822 | SCREW, MACHINE MS51959-14, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7P1H4 |
| P-D | 5935-885-6505 | CONTACT, ELECTRICAL, COAXIAL INSERT: DM53740-5000; (71468) | | EA | 5 | | | | | | | * | * | | A8A7P1A1 |
| P-D | 5935-885-6505 | CONTACT, ELECTRICAL, COAXIAL INSERT: DM53740-5000; (71468) | | EA | REF | | | | | | | REF | REF | | A8A7P1A2 |
| P-D | 5935-885-6505 | CONTACT, ELECTRICAL, COAXIAL INSERT: DM53740-5000; (71468) | | EA | REF | | | | | | | FEF | REF | | A8A7P2A1 |
| P-D | 5935-885-6505 | CONTACT, ELECTRICAL, COAXIAL INSERT: DM53740-5000; (71468) | | EA | REF | | | | | | | REF | REF | | A8A7P2A2 |
| P-D | 5935-885-6505 | CONTACT, ELECTRICAL, COAXIAL INSERT: DM53740-5000; (71468) | | EA | REF | | | | | | | REF | REF | | A9A7P2A3 |
| P-H-S | | CONTROL, SUBASSEMBLY, OSCILLATOR: 549-5776-004, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-4 | A8A7E7 |
| P-D | | CAPACITOR ASSEMBLY: 549-5777-004; (13499) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7A1 |
| P-D | 5310-6114-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | 2 | | | | | | | REF | REF | | A8A7E7A1H2 |
| P-D | 5305-054-5653 | SCREW, MACHINE: MS51957-19; (96906) | | EA | 2 | | | | | | | * | * | | A8A7E7A1H2 |
| P-D | 5310-530-3549 | WASHER, NONMETALLIC, FLAT 8942; (76854) | | EA | * | | | | | | | * | * | | A8A7E7A1H4 |
| X1-D | | BOARD, PRINTED CIRCUIT 549-5764-003; (13499) | | EA | 1 | | | | | | | | | 3-60 | A8A7E7A1E8 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | 20 | | | | | | | | | 3-60 | A8A7E7A1C114 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7A1C116 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7A1C118 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7A1C120 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7A1C122 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7A1C124 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7A1C126 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7A1C128 |
| *SELECT PER OPERATIONAL REQUIREMENT. | | | | | | | | | | | | | | | |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|---|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C130 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C132 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C134 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C136 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C138 * |
| X1-D | | CAPACITOR, FIXED, MICA:- CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C140 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300C03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C142 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 * A1C144 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 * A1C146 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C148 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 360 | A8A7E7 A1C150 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C152 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | | EA | 20 | | | | | | | | | 3-60 | A8A7E7 A1C114 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C116 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C118 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C120 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C122 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C124 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C126 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C128 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C130 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C132 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C134 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C136 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C138 * |
| | | *SELECT PER OPERATIONAL REQUIREENT | | | | | | | | | | | | | |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|---|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C140 * |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 360 | A8A7E7 A1C142 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C144 * |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C116 * |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C118 * |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C150 * |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED330G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C152 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED360G03; (81349) | | EA | 20 | | | | | | | | | 360 | A8A7E7 A1C112 * |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 360 | A8A7E7 A1C16 * |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED360G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C118 * |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C120 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 AC122 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C124 * |
| X1-D | | CAPACITOR, FIXED, MICA. CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C126 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C128 * |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C130 * |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C132 * |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C134 * |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C136 * |
| X1-D | | CAPACITOR, FIXED, MICA. CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C138 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C140 * |
| X1-D | | CAPACITOR, FIXED, MICA. CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C142 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C144 * |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C146 * |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-6 | A8A7E7 A1C148 * |
| | | SELECT PER OPERATIONAL REQUIREMENT | | | | | | | | | | | | | |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|---|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C150 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED360G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C152 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | 20 | | | | | | | | | 3-60 | A8A7E7 A1C114 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C116 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C118 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C120 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C122 * |
| X1-D | | CAPACITOR, FIXED, MICA:: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C124 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C126 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C128 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C130 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C132 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C134 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C136 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C138 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C140 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C142 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C144 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C144 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C146 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C148 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C150 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C152 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03; (81349) | | EA | 20 | | | | | | | | | 3-60 | A8A7E7 A1C114 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C116 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03; (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C118 * |
| | | SELECT PER OPERATIONAL REQUIREMENT | | | | | | | | | | | | | |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|---|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|----------------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C120 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C122 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | ABA7E7 A1C124 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 . A1C126 * |
| X1-D | | CAPACITOR, FIXED, MICA:: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C128 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED4300O3, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C130 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C132 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 . A1C134 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C136 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C138 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C140 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 . A1C142 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C144 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C146 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C148 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 . A1C150 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | | EA | REF | | | | | | | | | 3-60 | A8A7E7 A1C152 * |
| P-H-S | 5820-953-5772 | OSCILLATOR SUBASSEMBLY, CRYSTAL: 549-5778-004, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-60 | A8A7E7A2 |
| X1-D | | BOARD, PRINTED CIRCUIT: 549-5780-004, (13499) | | EA | 1 | | | | | | | | | 3-60 | A8A7E7 A2E1 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | 20 | | | | | | | * | * | 3-60 | A8A7E7 A2C113 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C115 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C117 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C119 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C121 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C123 |
| * SELECT PER OPERATIONAL REQUIREMENT. | | | | | | | | | | | | | | | |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C125 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C127 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C129 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | EF | REF | 3-60 | A8A7E7 A2C131 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | RE | | | | | | | REF | REF | 3-60 | A8A7E7 A2C133 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C135 |
| A2C135 P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C137 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C139 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C141 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 360 | A8A7E7 A2C143 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C145 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C147 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C119 |
| P-D | 5910-683-7114 | CAPACITOR, VARIABLE, GLASS: VC10GWY, (73899) | | EA | REF | | | | | | | REF | REF | 3-60 | A8A7E7 A2C151 |
| P-D | | CONTACT ARM, NO. 2: 548-7858-003; (13499) | | EA | 2 | | | | | | | * | * | | A8A7E7 A2E1 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | 2 | | | | | | | * | * | | A8A7E7 A2E1H1 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | REF | | | | | | | REF | REF | | A8A7E7 A2E1H2 |
| P-D | 5305-407-8559 | SCREW, MACHINE: P347-010-000, (77250) | | EA | 2 | | | | | | | * | * | | A8A7E7 A2E1H3 |
| P-D | 5305-407-8559 | SCREW, MACHINE: P347-010-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A7E7 A2E1H4 |
| P-D | | CONTACT ARM, NO 2 548-7858-003, (13499) | | EA | REF | | | | | | | REF | REF | | A8A7E7 A2E2 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | 2 | | | | | | | REF | REF | | A8A7E7 A2E2H1 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 681660-26, (72962) | | EA | REF | | | | | | | REF | REF | | A8A7E7 A2E2H2 |
| P-D | 5305-407-8559 | SCREW, MACHINE: P347-0104-000, (77250) | | EA | 2 | | | | | | | REF | REF | | A8A7E7 A2E2H3 |
| P-D | 5305-407-8559 | SCREW, MACHINE: P347-0104-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A7E7 A2E2H4 |
| P-D | 5999-957-8504 | CONTACT ASSEMBLY, ELECTRICAL: 756-7600-000, (13499) | | EA | 2 | | | | | | | * | * | | A8A7E7 A2E3 |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|---|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| P-D | | CONTACT ASSEMBLY, ELECTRICAL 756-7600-004, (13499) | | EA | REF | | | | | | | REF | REF | | A8A7E7 A2E4 |
| P-D | 5955-950-8554 | CRYSTAL UNIT, QUARTZ: S289-3490-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y1 |
| P-D | 5955-950-8560 | CRYSTAL UNIT, QUARTZ: S289-3491-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y2 |
| P-D | 5955-950-8561 | CRYSTAL UNIT, QUARTZ S289-3492-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y3 |
| P-D | 5955-950-8568 | CRYSTAL UNIT, QUARTZ S289-3493-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y4 |
| P-D | 5955-950-8562 | CRYSTAL UNIT, QUARTZ S289-3494-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y5 |
| P-D | 5955-950-8563 | CRYSTAL UNIT, QUARTZ S289-3495-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y6 |
| P-D | 5955-950-8564 | CRYSTAL UNIT, QUARTZ S289-3496-000, (91,148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y7 |
| P-D | 5955-950-8565 | CRYSTAL UNIT, QUARTZ S289-3497-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y8 |
| P-D | 5955-950-8566 | CRYSTAL UNIT, QUARTZ: S289-3498-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y9 |
| P-D | 5955-950-8567 | CRYSTAL UNIT, QUARTZ S289-3499-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y10 |
| P-D | 59559 950-8550 | CRYSTAL UNIT, QUARTZ S289-3500-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y11 |
| P-D | 5955-950-8569 | CRYSTAL UNIT, QUARTZ S289-3501-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y12 |
| P-D | 5955-950-8551 | CRYSTAL UNIT, QUARTZ S289-3502-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y13 |
| P-D | 5955-950-8552 | CRYSTAL UNIT, QUARTZ. 289-3503-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y14 |
| P-D | 5955-950-8553 | CRYSTAL UNIT, QUARTZ: S289-3504-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y15 |
| P-D | 5955-950-8554 | CRYSTAL UNIT, QUARTZ S289-3505-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y16 |
| P-D | 5955-950-8555 | CRYSTAL UNIT, QUARTZ S289-3506-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y17 |
| P-D | 5955-950-8556 | CRYSTAL UNIT, QUARTZ S289-3507-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y18 |
| P-D | 5955-950-8557 | CRYSTAL UNIT, QUARTZ S289-3508-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y19 |
| P-D | 5955-950-8558 | CRYSTAL UNIT, QUARTZ- S289-3509-000, (94148) | | EA | 1 | | | | | | | * | * | 3-60 | A8A7E7 A2Y20 |
| P-D | 5365-159-3714 | DISK, SUPPORT. 549-5843-002, (13499) | | EA | 2 | | | | | | | * | * | | A8A7E7 A2MP1 |
| P-D | | DISK, SUPPORT 549-5843-002, (13499) | | EA | REF | | | | | | | REF | REF | | A8A7E7 A2MP2 |
| P-D | 5999-165-3691 | RETAINER, SWITCH 549-5737-002, (13499) | | EA | 4 | | | | | | | * | * | | A8A7E7 A2MP3 |
| P-D | | RETAINER, SWITCH 549-5737-002, (13499) | | EA | REF | | | | | | | REF | REF | | A8A7E7 A2MP4 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5999-165-3691 | RETAINER, SWITCH 549-5737-002, (13499) | | EA | REF | | | | | | | REF | REF | | A8A7E7A2MPS |
| P-D | | RETAINER, SWITCH. 549-3737-002, (13499) | | EA | REF | | | | | | | REF | REF | | A8A7E7A2MP6 |
| M-D | | SPACER, PLATE 756-4171-002, (13499) | | EA | 2 | | | | | | | | | | A8A7E7A2MP7 |
| M-D | | SPACER, PLATE 756-4171-002, (13499) | | EA | REF | | | | | | | | | | A8A7E7A2MP8 |
| M-D | | SPACER, SLEEVE 549-5735-002, (13499) | | EA | 2 | | | | | | | | | | A8A7E7A2MP9 |
| M-D | | SPACER, SLEEVE 549-5735-002, (13499) | | EA | REF | | | | | | | | | | A8A7E7A2MP10 |
| P-HR- | 5820-975-5422 | CONVERTER, FREQUENCY, ELECTRICAL- 549-5801-004, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-14 | A8A7E6 |
| X1-D | | BOARD, PRINED CIRCUIT: 549-5803-004; (13499) | | EA | 1 | | | | | | | | | 3-59 | A8A7E6E1 |
| X1-D | | CAPACITOR, FIXED, CERAMIC- 20C91A, (56289) | | EA | 3 | | | | | | | | | 3-57 | A8A7E6C96 |
| X1-D | | CAPACITOR, FIXED, CERAMIC. 20C91A, (56289) | | EA | REF | | | | | | | | | 3-59 | A8A7E6C98 |
| X1-D | | CAPACITOR, FIXED, CERAMIC 20C91A; (56289) | | EA | REF | | | | | | | | | 3-59 | A8A7E6C111 |
| X1-D | | CAPACITOR, FIXED, CERAMIC. 6S8082, (56289) | | EA | 3 | | | | | | | | | 3-59 | A8A7E6C94 |
| X1-D | | CAPACITOR, FIXED, CERAMIC. 6S8082, (56289) | | EA | REF | | | | | | | | | 3-59 | A8A7E6C102 |
| X1-D | | CAPACITOR, FIXED, CERAMIC 6S8082, (56289) | | EA | REF | | | | | | | | | 3-59 | A8A7E6C112 |
| X1-D | | CAPACTTOR, FIXED, MICA- CM05CD050D03, (81349) | | EA | 2 | | | | | | | | | 3-59 | A8ATE6C100 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05CD050D03, (81349) | | EA | REF | | | | | | | | | 3-59 | A8A7E6C101 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390J03; (81349) | | EA | 3 | | | | | | | | | 3-59 | A8A7E6C104 |
| X1-D | | CAPACITOR, FIXED, KICA- CM05ED390J03, (81349) | | EA | REF | | | | | | | | | 3-59 | A8A7E6C106 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390J03, (81349) | | EA | REF | | | | | | | | | 3-59 | A8A7E6C108 |
| X1-D | | CAPACITOR, FIXED, MICA- CM05FD181C03, (81349) | | EA | 2 | | | | | | | | | 3-59 | A8A7E6C97 |
| X1-D | | CAPACITOR, FIXED, MICA- CM05FD181G03, (81349) | | EA | REF | | | | | | | | | 3-59 | A8A7E6C99 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD221J03, (81349) | | EA | 3 | | | | | | | | | 3-59 | A8A7E6C105 |
| X1-D | | CAPACITOR, FIXED, MICA CM05FD221J03, (81349) | | EA | REF | | | | | | | | | 3-59 | A8A7E6C107 |
| X1-D | | CAPACITOR, FIXED, MICA- CM05FD221J03, (81349) | | EA | RE | | | | | | | | | 3-59 | A8A7E6C119 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD241J03, (81349) | | EA | 1 | | | | | | | | | 3-59 | A8A7E6C103 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, MICA: DM15F511J300WV4CR; (72136) | | EA | 2 | | | | | | | | | 3-59 | A8A7E6C95 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15F511J300WV4CR; (72136) | | EA | REF | | | | | | | | | 3-59 | A8A7E6C156 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K020, (81349) | | EA | 4 | | | | | | | | | 359 | A8A7E6L23 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K020; (8134 9) | | EA | REF | | | | | | | | | 3-59 | A8A7E6L24 |
| X1-D | | COIL, RADIO FREQUEICY: LT10K020, (81349) | | EA | REF | | | | | | | | | 3-59 | A8A7E6L25 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K020; (81349) | | EA | REF | | | | | | | | | 3-59 | A8A7E6L26 |
| X1-D | | COIL, RADIO FREQUECY: LT10K036, (81349) | | EA | 2 | | | | | | | | | 3-59 | A8A7E6L21 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K036; (81349) | | EA | REF | | | | | | | | | 3-59 | A8A7E6L22 |
| X1-D | | HOLDER, TRANSISTOR: A51048; (08289) | | EA | 1 | | | | | | | | | | A8A7E6MP1 |
| X1-D | | JACK, TIP: 105-738-100, (74970) | | EA | 1 | | | | | | | | | 3-59 | A8A7E6J1 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G121KS, (81349) | | EA | 1 | | | | | | | | | 3-59 | A8A7E6R118 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G102KS; (81349) | | EA | 1 | | | | | | | | | 3-59 | A8A7T6R117 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G272ES; (81349) | | EA | 1 | | | | | | | | | 3-59 | A8A7E6R116 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G183KS, (81349) | | EA | 1 | | | | | | | | | 3-59 | A8A7E6R113 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G223KS, (81349) | | EA | 1 | | | | | | | | | 3-59 | A8A7E6R112 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G273KS; (81349) | | EA | 1 | | | | | | | | | 3-59 | A8A7E6R114 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G333KS, (81349) | | EA | 1 | | | | | | | | | 3-59 | A8A7E6R115 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G393KS; (81349) | | EA | 6 | | | | | | | | | 3-59 | A8A7E6R105 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G393XS, (81349) | | EA | REF | | | | | | | | | 3-59 | A8A7E6R106 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G393KS, (81349) | | EA | REF | | | | | | | | | 3-59 | A8A7E6R107 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR070393KS, (81349) | | EA | REF | | | | | | | | | 3-59 | A8A7E6R108 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G393KS; (81349) | | EA | REF | | | | | | | | | 3-59 | A8A7E6R109 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G393KS, (81349) | | EA | REF | | | | | | | | | 3-59 | A8A7E6R110 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G683KS, (81349) | | EA | 1 | | | | | | | | | 3-59 | A8A7E6R111 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE 1N916, (07688) | | EA | 2 | | | | | | | | | 3-59 | A8A7E6CR7 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N916, (07688) | | EA | REF | | | | | | | | | 3-59 | A8A7E6CR8 |
| X1-D | | TRANSISTOR: 2N697, (07688) | | EA | 1 | | | | | | | | | 3-59 | A8A7E6Q23 |
| X1-D | | TRANSISTOR: 2N703, (07688) | | EA | 3 | | | | | | | | | 3-59 | A8A7E6Q20 |
| X1-D | | TRANSISTOR: 2N703; (07688) | | EA | REF | | | | | | | | | 3-59 | A8A7E6Q21 |
| X1-D | | TRANSISTOR: 2N703, (07688) | | EA | REF | | | | | | | | | 3-59 | A8A7E6Q22 |
| M-D | | COVER, FILTER: 756-0317-003; (13499) | | EA | 1 | | | | | | | | | | A8A7MP7 |
| P-D | 5305-206-1270 | SCREW, MACHINE: P343-0284-000; (77250) | | EA | 2 | | | | | | | * | * | | A8A7MP7H1 |
| P-D | 5305-206-1270 | SCREW, MACHINE: P343-0284-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A7MP7H2 |
| P-D | 5310-184-8996 | WASHER, SPRING TENSION: 310-0396-00; (79807) | | EA | 2 | | | | | | | * | * | | A8A7MP7H3 |
| P-D | 5310-184-8996 | WASHER, SPRING TENSION: 310-0396-00; (79807) | | EA | REF | | | | | | | REF | REF | | A8A7MP7H4 |
| M-D | | COVER, OSCILLATOR CONTROL: 548-7762-003; (13499) | | EA | 1 | | | | | | | | | | A8A7MP8 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | 11 | | | | | | | * | * | | A8A7MP8H1 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP8H2 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP8H3 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP8H4 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP8H5 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP8H6 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP8H7 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP8H8 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP8H9 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP8H10 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP8H11 |
| P-D | | WASHER, LOCK, SPRING: MS35338-135, (96906) | | EA | 11 | | | | | | | REF | REF | | A8A7MP8H12 |
| P-D | | WASHER, LOCK, SPRING: M4S35338-135, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MPHF13 |
| P-D | | WASHER, LOCK, SPRING: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MPNH14 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | | WASHER, LOCK, SPRING: MS35338-135; (96906) | | EA | REF | | | | | | | REF | REF | A8A7MP8H15 | |
| P-D | | WASHER, LOCK, SPRING: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | A8A7MP8H16 | |
| P-D | | WASHER, LOCK, SPRING: MS35338-135; (96906) | | EA | REF | | | | | | | REF | REF | A8A7MP8H17 | |
| P-D | | WASHER, LOCK, SPRING: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | A8A7MP8H18 | |
| P-D | | WASHER, LOCK, SPRING: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | A8A7MP8H19 | |
| P-D | | WASHER, LOCK, SPRING: MS35338-135; (96906) | | EA | REF | | | | | | | REF | REF | A8A7MP8H20 | |
| P-D | | WASHER, LOCK, SPRING: MS35338-135; (96906) | | EA | REF | | | | | | | REF | REF | A8A7MP8H21 | |
| P-D | | WASHER, LOCK, SPRING: MS35338-135; (96906) | | EA | REF | | | | | | | REF | REF | A8A7MP8H22 | |
| P-H-T | 5820-975-5423 | DISCRIMINATOR, PHASEANDFREQUENCY 549-5794-004, (13499) | | EA | 1 | | | * | * | * | * | * | 3-14 | A8A7E2 | |
| X1-D | | BOARD, PRINTED CIRCUIT: 549-57T1-003; (13499) | | EA | 1 | | | | | | | | 3-55 | A8A7E2E2 | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 658082, (56289) | | EA | 2 | | | | | | | | | A8A7E2C22 | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8082, (56289) | | EA | REF | | | | | | | | 3-55 | A8A7E2C30 | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 658083, (56289) | | EA | 6 | | | | | | | | 3-55 | A8A7E2C23 | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8083, (56289) | | EA | REF | | | | | | | | 3-55 | A8A7E2C25 | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 658083, (56289) | | EA | REF | | | | | | | | 3-55 | A8A7E2C29 | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 658083, (56289) | | EA | REF | | | | | | | | 3-55 | A8A7E2C32 | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 658083; (56289) | | EA | REF | | | | | | | | 3-55 | A8A7E2C35 | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 658083; (56289) | | EA | REF | | | | | | | | 3-55 | A8A7E2C36 | |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D335X0035B2; (56289) | | EA | 1 | | | | | | | | 3-55 | A8A7E2C26 | |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D10X0035A2, (56289) | | EA | 2 | | | | | | | | 3-55 | A8A7E2C92 | |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D104X0035A2; (56289) | | EA | REF | | | | | | | | 3-55 | A8A7E2C93 | |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD151J03, (81349) | | EA | 2 | | | | | | | | 3-55 | A8A7E2C28 | |
| X1-D | | CAPACITOR, FIXED, MICA: CM405FD151J03; (81349) | | EA | REF | | | | | | | | 3-55 | A8A7E2C34 | |
| X1-D | | CAPACITOR, FIXED, MICA: CMN5FD271J03; (81349) | | EA | 2 | | | | | | | | 3-55 | A8A7E2C27 | |
| X1-D | | CAPACITOR, FIXED, MICA: CM405FD271J03; (81349) | | EA | REF | | | | | | | | 3-55 | A8A7E2C33 | |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G470KS; (81349) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R124 |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR070680KS; (81349) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R135 |
| P--D | 5905-104-8363 | RESISTOR, FIXED, COMPOSITION: RCR07G820KS; (81349) | | EA | 1 | | | | | | | * | * | 3-54 | A8A7TB1R144* |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G101KS; (81349) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R131 |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G151KS; (81349) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R144* |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR070221KS; (81349) | | EA | 2 | | | | | | | * | * | 3-56 | A8A7TB1R139 |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR0TG221KS; (81349) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1R144* |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G331KS; (81349) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R144* |
| P--D | 5905-120-9154 | RESISTOR, FIXED, COMPOSITION: RCR07G471KS; (81349) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R144* |
| P--D | 5905-135-6046 | RESISTOR, FIXED, COMPOSITION: RCR0TG681KS; (81349) | | EA | 2 | | | | | | | * | * | 3-56 | A8A7TB1R142 |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR0TG681KS; (81349) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1R144* |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCRC7G821KS; (81349) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R144* |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G02XS; (81349) | | EA | 5 | | | | | | | * | * | 3-56 | ASA7TBIR120 |
| P--D | | RESISTOR FIXED, COMPOSITION: RCR07C102KS; (81349) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TBIR144* |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR7cG102KS; (81349) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1R145 |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G102KS; (81349) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1R146 |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G102KS; (81349) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1R147 |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G152KS; (81349) | | EA | 2 | | | | | | | | * | 3-56 | A8A7TB1R143 |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G152KS; (813*9) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1R144* |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G222KS; (81349) | | EA | 1 | | | | | | | * | | 3-56 | A8A7TB1R123 |
| P--D | 5905-686-4527 | RESISTOR, FIXED, COMPOSITION: RCR07G272KS; (81349) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R134 |
| P--D | 5905-070-9391 | RESISTOR, FIXED, COMPOSITION: RCR07G392KS; (81349) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R141 |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G472KS; (81349) | | EA | 2 | | | | | | | * | * | 3-56 | A8A7TB1R119 |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G72KS; (81349) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1R130 |
| P--D | 5905-070-9392 | RESISTOR, FIXED, COMPOSITION: RCR07G562KS; (81349) *SELECT PER OPERATIONAL REQUIREMENT | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R151 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AN DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|--|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G822KS; (81349) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R140 |
| P--D | 5905-816-8554 | RESISTOR, FIXED, COMPOSITION: RCR07GC103KS, (81349) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R127 |
| P--D | 5905-686-4529 | RESISTOR, FIXED, COMPOSITION: RCR07G123KS, (81349) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R128 |
| P--D | | RESISTOR, FDXED, COMPOSITION: RCR07G223KS, (81349) | | EA | 3 | | | | | | | * | * | 3-56 | A8A7TB1R129 |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G223KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A7TB1R136 |
| P--D | | RESISTOR, FIXED, COMPOSITION- RCR07G223KS; (81349) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1R137 |
| P--D | 5905-752-3157 | RESISTOR, FIXED, COMPOSITION: RCR07C273KS, (81349) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R148 |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G683KS, (81349) | | EA | 2 | | | | | | | REF | REF | 3-56 | A8A7TB1R121 |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR007683xc, (81349) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1R122 |
| P--D | 5905-988-2310 | RESISTOR, FIXED, FIIM: RN60D1000F, (81349) | | EA | | | | | | | | * | * | 3-56 | A8A7TB1R125 |
| P--D | 5905-988-2310 | RESISTOR, FDE-, FIIM. RN60D1000F; (81349) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1R126 |
| P--D | 5905-988-2310 | RESISTOR, FIXED, FIIX: RN60D1000F, (81349) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1R132 |
| P--D | 5905-988-2310 | RESISTOR, FIXED, FILM: RN60D1000F, (81349) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1R133 |
| P--D | 5905-781-8015 | RESISTOR, FIXED, FILM: RN60D3800F; (81349) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R149 |
| P--D | 5905-985-5465 | RESISTOR, FIXED, FILM: RN60D1962F, (81349) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1R150 |
| P--D | | SEMICONDUCTOR DEVICE, DIODE: 1N198, (07688) | | EA | 2 | | | | | | | * | * | 3-56 | A8A7TB1CR12 |
| P--D | | SEMICONDUCTOR DEVICE, DIODE: 1N198, (07688) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1CR13 |
| P--D | 5961-752-5230 | SEMICONDUCTOR DEVICE, DIODE: 1N916, (07688) | | EA | 2 | | | | | | | * | * | 3-56 | A8A7TB1CR15 |
| P--D | 5961-752-5230 | SEMICONDUCTOR DEVICE, DIODE: 1N916; (07688) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TBICR9 |
| P--D | | S1MICONDUCTOR DEVICE, DIODE: JAMIN754A, (81350) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TBICR14 |
| P--D | 5961-724-6164 | SEMICONDUCTOR DEVICE, DIODE: FA4092, (07263) | | EA | 2 | | | | | | | * | * | 3-56 | A8A7TBICR10 |
| P--D | 5961-724-6164 | SEMICONDUCTDR DEVICE, DIODE: FA4092, (07263) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1CR11 |
| P--D | 5940-423-2988 | TERMINAL, STUD-GROUND: AB397-2, (12615) | | EA | 17 | | | | | | | | * | * | A8A7TB1E2 |
| P--D | 5310-934-9740 | NUT, PLAIN, HBXAGON: MS35649-225; (96906) | | EA | 1 | | | | | | | | * | * | A8A7TB1E2H1 |
| P--D | 5310-18-8990 | WASHER, SPRING TENSION: 310-0075-000; (79807) | | EA | 1 | | | | | | | * | * | * | A8A7TB1E2H2 |

SECTION II

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P--D | | TERMINAL, STUD-GROUND: AB397-2, (12615) | | EA | REF | | | | | | | | REF | REF | A8A7TB1E3 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E3H1 |
| P--D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E3H2 |
| P--D | | TERMINAL, STUD-GROUND: AB397-2, (12615) | | EA | REF | | | | | | | | REF | REF | A8A7TB1E4 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E4H1 |
| P--D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E4H2 |
| P--D | | TERMINAL, STUD-GROUND: AB397-2, (12615) | | EA | REF | | | | | | | | REF | REF | A8A7TB1E5 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E5H1 |
| P--D | 5310-680-5557 | WASER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E5H2 |
| P--D | | TERMIINAL, STUD-GROUND: AB397-2, (12615) | | EA | REF | | | | | | | | REF | REF | ABA7TB1E6 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E6H1 |
| P--D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E6H2 |
| P--D | | TERMINAL, STUD-GROUND: AB397-2, (12615) | | EA | REF | | | | | | | | REF | REF | A8A7TB1E7 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E7H1 |
| P--D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E7H2 |
| P--D | | TERMINAL, STUD-GROUND: AB397-2, (12615) | | EA | REF | | | | | | | | REF | REF | A8A7TB1E8 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E8H1 |
| P--D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E8H2 |
| P--D | | TERMINAL, STUD-GROUND: AB397-2, (12615) | | EA | REF | | | | | | | | REF | REF | A8A7TB1E9 |
| P--D | 531093-9-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E9H1 |
| P--D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E9H2 |
| P--D | | TERMINAL, STUD-GROUND: AB397-2, (12615) | | EA | REF | | | | | | | | REF | REF | A8A7TB1E10 |
| P--D | 5310-93h-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E10H1 |
| P--D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | | REF | REF | A8A7TB1E10H2 |
| P--D | AB397-2, (12615) | TERMINAL, STUD-GROUND: | | EA | REF | | | | | | | | REF | REF | A8A7TB1E11 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | REF | REF | | ASA7TB1E11H1 |
| P--D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A7TB1E11H2 |
| P--D | | TETBONAL, STUD-GROUND: AB397-2, (12615) | | EA | REF | | | | | | | REF | REF | | A8A7TB1E12 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A7TB1E12H1 |
| P--D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A7TB1E12H2 |
| P--D | | TERKMNAL, STUD-GROUND: AB397-2, (12615) | | EA | REF | | | | | | | REF | REF | | A8A7TB1E13 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | REF | REF | | A8SATB1E13H1 |
| P--D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A7TB1E13H2 |
| P--D | | TENIAL, STUD-GROUND: AB397-2, (12615) | | EA | REF | | | | | | | REF | REF | | A8A7TB1E14 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A7TB1E4H1 |
| P--D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A7TB1E14H2 |
| P--D | | TERMINAL, STUD-GROUND: AB397-2, (12615) | | EA | REF | | | | | | | REF | REF | | A8A7TB1E15 |
| P--D | 5310-934-9740 | NUT, PLAIN, HXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A7TB1E15H1 |
| P--D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A7TB1E15H2 |
| P--D | | TERMINAL, STUD-GROUND: AB397-2, (12615) | | EA | REF | | | | | | | REF | REF | | A8A7TB1E16 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: M6356L9-225, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A7TB1E16H1 |
| P--D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A7TB1E16H2 |
| P--D | | TERMINAL, STUD-GROUND: AB397-2, (12615) | | EA | REF | | | | | | | REF | REF | | A8A7TB1E17 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A7TB1E17H1 |
| P--D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A7TB1E17H2 |
| P--D | | TERMINAL, STUD-GROUND: AB397-2, (12615) | | EA | REF | | | | | | | REF | REF | | A8A7TB1E18 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: W635649-225, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A7TB1E8H1 |
| P--D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A7TB1E18H2 |
| P--D | 5950-960-7338 | TRANSFORMER, RADIO FREQUENCY: 553-9312-003, (13499) | | EA | 2 | | | | | | * | * | | 3-56 | A8A7TB1T1 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A7TB1T1H1 |

SECTION II

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7TB1IH2 |
| P--D | 5305-922-3506 | SCREW, MACHINE: 330-2352-000, (70601) | | EA | 2 | | | | | | | * | * | | A8A7TB1H3 |
| P--D | | SCREW, MACHINE: 330-2352-000, (70601) | | EA | REF | | | | | | | REF | REF | | A8A7TB1T1H4 |
| P--D | | WASHER, NONMETALLIC, FLAT: 302-0050-000;(74921) | | EA | 2 | | | | | | | * | * | | A8A7TB1T1H5 |
| P--D | | WASHER, NONMETALLIC, FLAT: 302-0050-000, (74921) | | EA | REF | | | | | | | REF | REF | | A8A7TB1T1H6 |
| P--D | | WASHER, NONMETALLIC, FLAT: 303-1000-000, (79807) | | EA | 2 | | | | | | | * | * | | A8A7TB1T1H7 |
| P--D | | WASHER, NONMETALLIC, FLAT: 303-1000-000; ((9807) | | EA | REF | | | | | | | REF | REF | | A8A7TB1T1H8 |
| P--D | 5950-960-7338 | TRANSFORMER, RADIO FREQUENCY: 553-9312-003; (13499) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1T3 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225;(96906) | | EA | 2 | | | | | | | REF | REF | | A8A7TB1T3H1 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225; (96906) | | EA | REF | | | | | | | REF | REF | | A8A7TB1T3H2 |
| P--D | | SCREW, MACHINE: 330-2352-000; (70601) | | EA | 2 | | | | | | | REF | REF | | A8A7B1T3H3 |
| P--D | | SCREW, MACHINE; 330-2352-000; (70601) | | EA | REF | | | | | | | REF | REF | | A8A7TB1T3H4 |
| P--D | | WASHER, NONMETALLIC, FLAT: 302-0050-000;(74921) | | EA | 2 | | | | | | | REF | REF | | A8A7TB1T3H5 |
| P--D | | WASHER, NONMETALLIC, FLAT: 302-0050-000; (74921) | | EA | REF | | | | | | | REF | REF | | A8A7TB1T3H6 |
| P--D | | WASHER, NONMETALLIC, FLAT: 303-1000-000;(79807) | | EA | 2 | | | | | | | REF | REF | | A8A7TB1T3H7 |
| P--D | | WASHER, NONMETALLIC, FLAT: 303-1000-000;(79807) | | EA | REF | | | | | | | REF | REF | | A8A7TB1T3H8 |
| P--D | 5950-960-7339 | TRANSFORMER, RADIO FREQUENCY: 553-9313-003, (13499) | | EA | 2 | | | | | | | | * | 3-56 | A8A7TB1T2 |
| P--D | 5950-960-7339 | TRANSFORMER, RADIO FREQUENCY: 553-9313-003; (13499) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1T4 |
| P--D | 5961-787-5305 | TRANSISTOR: 4JX11B2023; (03508) | | EA | 1 | | | | | | | * | * | 3-56 | A87TB1Q29 |
| P--D | 5961-836-0176 | TRANSISTOR: 2N703, (07688) | | EA | 4 | | | | | | | * | * | 3-56 | A8A7TB1Q24 |
| P--D | 5961-836-0376 | TRANSISTOR: 2N703, (07688) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1Q25 |
| P--D | 5961-836-0376 | TRANSISTOR: 2N703, (07688) | | EA | REF | | | | | | | REF | REF | 3-56 | A8A7TB1Q26 |
| P--D | | 5961-836-0376 TRANSISTOR: 2N703, (07688) | | EA | REF | | | | | | | REF | REF | 3-56 | A8ATB1Q28 |
| P--D | 5961-842-6937 | TRANSISTOR: JAN2N706, (81350) | | EA | 1 | | | | | | | * | * | 3-56 | A8A7TB1Q27 |
| P-H-T | 5820-975-5419 | MULTIPLIER, FREQUENCY: 549-5783-004, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-15 | A8A7E5 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|---|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P--D | | SCREW, MACHINE: MS51957-20, (96906) | | EA | 4 | | | | | | | * | * | | A8A7E5HL |
| P--D | | D5310-245-880 WASHER: 310-6325-000; (79807) | | EA | 4 | | | | | | | * | * | | A8A7E5H4 |
| P--D | | WASHER, LOCK, SPRING: MS35338-135, (96906) | | EA | 4 | | | | | | | REF | REF | | A8A7ESH4 |
| X1-D | | BOARD, PRINTED CIRCUIT: 549-5785-004, (13499) | | EA | 1 | | | | | | | | | 13-58 | A6A7E5E1 |
| X1-D | | SCREW, MACHINE: MS51957-14, (96906) | | EA | 4 | | | | | | | | | | A8A7E5E1Hi |
| X1-D | | SCREW, MACHINE: MS51957-14, (96906) | | EA | REF | | | | | | | | | | A8A7E5E1H2 |
| X1-D | | SCREW, MACHINE: MS51957-14, (96906) | | EA | REF | | | | | | | | | | A8A7E5E1H3 |
| X1D | | SCREW, MACHINE: MS51957-14, (96906) | | EA | REF | | | | | | | | | | A8A7E5E1H4 |
| X1-D | | BRACKET, FREQUENCY MULTIPLIER: 549-5742-002, (13499) | | EA | 2 | | | | | | | | | | A8A7ESMP1 |
| X1-D | | BRACKET, FREQUENCY MIULTIPLIER: 549-5742-002, (1399) | | EA | REF | | | | | | | | | | A8A7E5MP2 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05CD00D03, (81349) | | EA | 1 | | | | | | | | | 3-58 | A8A7ESC71 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED360J03, (81349) | | EA | 1 | | | | | | | | | 3-58 | A8A7ESC91 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED560J03; (81349) | | EA | 1 | | | | | | | | | 3-58 | A8A7ESC89 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED680J03, (81349) | | EA | 1 | | | | | | | | | 3-58 | A8A7E5C87 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED820J03, (81349) | | EA | 1 | | | | | | | | | 3-58 | A8A7E5C85 |
| X1-D | | CAPACITOR, FIXED, MICA: CM0SFD131J03, (81349) | | EA | 1 | | | | | | | | | 3-58 | ASA7ESC83 |
| Y1-D | | CAPACITOR, FIXED, MICA: CM0SFD131J03, (81349) | | EA | 1 | | | | | | | | | 3-58 | A8A7E5C81 |
| X1-D | | CAPACITOR, FIXED, MICA: C',-D1i6co03, (131 9) | | EA | 1 | | | | | | | | | 3-58 | A8A7E5C79 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD201G03, (8-179) | | EA | 1 | | | | | | | | | 3-58 | A8A7ESC77 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD271G03, (813-9) | | EA | 1 | | | | | | | | | 358 | A8A7ESC75 |
| XI-D | | CAPACITOR, FIXED, MICA: CM05FD361G03, (81349) | | EA | 1 | | | | | | | | | 3-58 | A8A7E5C73 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-018-8-50E | | EA | 10 | | | | | | | | | 3-58 | A8A7E5C72 |
| X1-D | | SCREW, MACHINE: MS51957-14, (96906) | | EA | 2 | | | | | | | | | | A8A7E5C72H1 |
| X1-D | | SCREW, MACHINE: MS51957-14; (96906) | | EA | REF | | | | | | | | | | A8A7E5C72F2 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-018-8-50E; (72982) | | EA | REF | | | | | | | | | 3-58 | A8A7E5C74 |

SECTION II

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| X1-D | | SCREW, MACHINE: MS51957-14 (96906) | | EA | 2 | | | | | | | | | | A8A7E5C74H1 |
| X1-D | | SCREW, MACHINE: MS51957-14; (9690 6) | | EA | REF | | | | | | | | | | A8A7ESC74H2 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-018-8-50E.(72982) | | EA | REF | | | | | | | | 3-58 | | A8A7ESC76 |
| Y1-D | | SCREW, MACHINE: MS51957-14, (96906) | | EA | 2 | | | | | | | | | | A8A7ESC76H1 |
| X1-D | | SCREW, MACHINE: MS51957-14, (96906) | | EA | REF | | | | | | | | | | A8A7LSC76H2 |
| X1-D | | CAPACITOR, VARIABLE CERAMIC: 557-018-8-50E, (72982) | | EA | REF | | | | | | | | 3-58 | | A8A7E5C78 |
| X1-D | | SCREW, MACHINE: MS51957-14.(96906) | | EA | 2A | | | | | | | | | | 8A7E5C78H1 |
| X1-D | | SCREW, MACHINE: MS51957-14; (96906) | | EA | REF | | | | | | | | | | A3A7E5C78H2 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-018-8-50E, (72982) | | EA | REF | | | | | | | | 3-58 | | A8A7E5C80 |
| X1-D | | SCREW, MACHINE: MS51957-14; (96906) | | EA | 2 | | | | | | | | | | A8A7ESC80H1 |
| X1-D | | SCREW, MACHINE: MS51957-14.(96906) | | EA | REF | | | | | | | | | | A8A7ESC80H2 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-018-8-50E; (72982) | | EA | REF | | | | | | | | 3-58 | | A8A7E5C82 |
| X1-D | | SCREW, MACHINE: MS51957-14, (96906) | | EA | 2 | | | | | | | | | | A8A7E5C8-H1 |
| X1-D | | SCREW, MACHINE: MS51957-14, (96906) | | EA | REF | | | | | | | | | | A8A7E5C82H2 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-018-8-50 E (72982) | | EA | REF | | | | | | | | 3-58 | | A8A7E5C84 |
| X1-D | | SCREW, MACHINE: MS51957-14; (96906) | | EA | 2 | | | | | | | | | | A8A7ESC84H1 |
| X1-D | | SCREW, MACHINE: MS51957-14, (96906) | | EA | REF | | | | | | | | | | A8A7E5C84H2 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-018-8-50E, (72982) | | EA | REF | | | | | | | | 3-58 | | A8A7ESC86 |
| X1-D | | SCREW, MACHINE: S51957-14; (96906) | | EA | 2 | | | | | | | | | | A8A7ESC86H1 |
| X1-D | | SCREW, MACHINE: MS51957-14, (96906) | | EA | REF | | | | | | | | | | A8A7E5C86H2 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-0188-8-5E, (72982) | | EA | REF | | | | | | | | 3-58 | | A8A7E5C88 |
| X1-D | | SCREW, MOCHINE: MS51957-14;(96906) | | EA | 2 | | | | | | | | | | A8A7ESC88H1 |
| X1-D | | SCREW, MACHIME: 1S51957-14, (96906) | | EA | REF | | | | | | | | | | A8A7E5C88H2 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-018-8-50E; (72982) | | EA | REF | | | | | | | | 3-58 | | A8A7E5C90 |
| X1-D | | SCREW, MACHINE: MS51957-14, (96906) | | EA | 2 | | | | | | | | | | A8A7E5C90H1 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | | | | | | | | | | |
| X1-D | | SCREW, MACHINE: MS51957-14, (96906) | | EA | REF | | | | | | | | | | A8A7ESC90H2 |
| X1-D | | CLAP, CABLE: 549-56L 3-002, (13499) | | EA | 1 | | | | | | | | | | A8A7E5MP3 |
| X1-D | | SCREW, MACHINE: P34L3-02P7-000, (77250) | | EA | 1 | | | | | | | | | | A8A7E5SP3H1 |
| X1-D | | COIL, RADIO FREQUENCY: 549-574R-002 (13499) | | EA | 1 | | | | | | | | 3-58 | | A8A7ESL19 |
| X1-D | | CONTACT, ELECTRICAL-NO1: 5L9-5746-002 (13499) | | EA | 2 | | | | | | | | | | A8A7ESE2 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: 65-1660-26; (72962) | | EA | 4 | | | | | | | | | | A8A7E5E2H1 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | REF | | | | | | | | | | A8A7E5E2H2 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | REF | | | | | | | | | | A8A7E5E2H3 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | REF | | | | | | | | | | A8A7E5E2H4 |
| X1-D | | SCREW, MACHINE: MS51957-4, (96906) | | EA | 4 | | | | | | | | | | A8A7E5E2H5 |
| X1-D | | SCREW, MACHINE: MS51957-4, (96906) | | EA | REF | | | | | | | | | | A8A7ESE2H6 |
| X1-D | | SCREW, MACHINE: MS51957-4, (96906) | | EA | REF | | | | | | | | | | A8A7ESE2H7 |
| X1-D | | SCREW, MACHINE: MS51957-L, (96906) | | EA | REF | | | | | | | | | | A8A7E5E2H8 |
| X1-D | | CONTACT, ELECTRICAL-NO1: 549-57L6-002, (13499) | | EA | REF | | | | | | | | | | A8A7E5E3 |
| X1-D | | PETAINER, SWITCH 549-5744-002, (13499) | | EA | 2 | | | | | | | | | | A8A7ES4P4 |
| X1-D | | RETAINER, SWITCH: 549-5744-002, (13499) | | EA | REF | | | | | | | | | | A8A7E5KP5 |
| X1-D | | ROTOR, ELECTRICAL SWITCH: 549-5743-002, (13499) | | EA | 1 | | | | | | | | | | A8A7E5E4 |
| X1-D | | SLEEVE, SPACING: 756-7602-002, (13499) | | EA | 1 | | | | | | | | | | A8A7E54P6 |
| M-D | | PLATE, BASE, CONTROL: 5L9-5755-003, (13499) | | EA | 1 | | | | | | | | | | A8A7MP9 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | 1 | | | | | | | REF | REF | | A8A7MP9K1 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M, (0303e) | | EA | REF | | | | | | | REF | REF | | A8A74P9H2 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A774P9H3 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | PEF | | | | | | | REF | REF | | A8AMiP9H4 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A714P9H5 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A7MP9H6 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P--D | | SCREW, SELF-LOCKING LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A7MP9H7 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A714P9H8 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A7MP9H9 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | ABA7MP9H10 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A7MP9H11 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A7MP9H12 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A7MP9H13 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A7MP9H14 |
| M--D | | PLATE, CHASSIS-FRONT: 549-5711-002; (13499) | | EA | 1 | | | | | | | | | | A8A7MP10 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | 6 | | | | | | | REF | REF | | A8A7MP10H1 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | ABATM4P10H2 |
| P--D | | SCREW, SELP-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A7MP10H3 |
| P--D | | SCREW, SELF-LOCKING: LP51959-139; (03038) | | EA | REF | | | | | | | REF | REF | | A8A77P10H4 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A7MP10H5 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A7TP10H6 |
| P--D | | PLATE, CHASSIS-REAR: 549-5775-004, (13499) | | EA | 1 | | | | | | | | | | A8A7MP11 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | 6 | | | | | | | REF | REF | | A8A7MP11H1 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A7AP11H2 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A7TP11H3 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A7TP11H1H |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A7MP11H5 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A74P11H6 |
| M--D | | PLATE, ELECTRICAL SHIELD 569-5767-003; (13499) | | EA | 1 | | | | | | | | | | ARATMP12 |
| P--D | 5305-770-2533 | SCREW, MACHINE: MS51959-13; (96906) | | EA | 4 | | | | | | REF | REF | | | A8A7MP12H1 |
| P--D | 5305-770-2533 | SCREW, MACHINE: MS51959-13; (96906) | | EA | REF | | | | | | | REF | REF | | A8A7M4P12H2 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P--D | 5305-770-2533 | SCREW, MACHINE: MS51959-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP12H3 |
| P--D | 5305-770-2533 | SCREW MACHINE: MS51959-13, (96906) | | EA | REF | | | | | | | REF | REF | | A7AMP12H4 |
| M--D | | PLATE, RETAINING, BEARING: 549-5710-002, (13b99) | | EA | 2 | | | | | | | | | | A8A7MP13 |
| P--D | 5305-054-5636 | SCREW, MACHINE: MS51957-2, (96906) | | EA | 3 | | | | | | | * | * | | A8A7MP13H1 |
| P--D | 5305-054-5636 | SCREW, MACHINE: MS51957-2, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP13H2 |
| P--D | 5305-054-5636 | SCREW, MACHINE: MS51957-2, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP13H3 |
| P--D | 5310-928-2690 | WASHER, LOCK, SPRING: WM35338-134, (96906) | | EA | 3 | | | | | | | * | * | | A8A7MP13H4 |
| P--D | 5310-928-2690 | WASHER, LOCK, SPRING: MS35338-134, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP13HS |
| P--D | 5310-928-2690 | WASHER, LOCK, SPRING: MS35338-134, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP13H6 |
| M--D | | PLATE, RETAINING, BEARING: 549-5710-002; /13499) | | EA | REF | | | | | | | | | | A8A7MP14 |
| P--D | 5305-054-5636 | SCREW, MACHINE: MS51957-2, (96906) | | EA | 3 | | | | | | | REF | REF | | A8A7MP1LH1 |
| P--D | 5305-054-5636 | SCREW, MACHINE: MS51957-2; (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP14H2 |
| P--D | 5305-054-5636 | SCREW, MACHINE: MS51957-2, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP14H3 |
| P--D | 5310-928-2690 | WASHER, LOCK, SPRING: MS35338-134, (96906) | | EA | 3 | | | | | | | REF | REF | | A8A7MP1LHL |
| P--D | 5310-928-2690 | WASHER, LOCK, SPRING: MS35338-13L; (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP14H5 |
| P--D | 5310-928-2690 | WASHER, LOCK, SPRING: MS35338-134, (96906) | | EA | REF | | | | | | | REF | REF | | A8A7MP14H6 |
| P--D | 5340-663-1245 | RING, RETAINING: MS16632-1031, (96906) | | EA | 2 | | | | | | | * | * | | A8A7H1 |
| P--D | 5310-663-1245 | RING, RETAINING MS16632-1031, (96906) | | EA | REF | | | | | | | REF | REF | | ASA7H2 |
| M--D | 5820-975-7645 | SHAFT, SWITCH NO1: 5L9-5717-002, (13499) | | EA | 1 | | | | | | | | | | A8A7A2 |
| M--D | | COUPLING, SHAFT, FLEXIBLE: 549-5719-002, (13L99) | | EA | 1 | | | | | | | | | | A8A7A2A1 |
| M--D | | COUPLING, HALF, SHAFT: 5h49-5760-003, (13499) | | EA | 1 | | | | | | | | | | ASA7A2A1MP1 |
| M--D | | INSERT, FLEXIBLE COUPLING: 549-5720-002, (13499) | | EA | 1 | | | | | | | | | | A8A7A2A1MP2 |
| M--D | | PIN, SHOULDER, HEADED: 549-5721-002, (13499) | | EA | 1 | | | | | | | | | | A8A7A2A1MP3 |
| M--D | 5315-058-9698 | PIN, SPRING, TUBULAR SLOTTED: MS16562-191, (96906) | | EA | 1 | | | | | | | | | | A8A7A2MP1 |
| M--D | | SHAFT, SHOULDERED NO1: 549-5718-002, (13499) | | EA | 1 | | | | | | | | | | A8A7A2MP2 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| M--D | 5820-975-7646 | SHAFT, SWITCH-NO.2: 549-5722-002, (13499) | | EA | 1 | | | | | | | | | | A8A7A3 |
| M--D | | COUPLING, SHAFT, FLEXIBLE: 549-5719-002, (13499) | | EA | 1 | | | | | | | | | | ABA7A3A1 |
| M--D | | COUPLING, HALF, SHAFT: 549-5760-003, (13499) | | EA | 1 | | | | | | | | | | A8A7A3A1MP1 |
| M--D | | INSERT, FLEXIBLE COUPLING: 549-5720-002, (13499) | | EA | 1 | | | | | | | | | | A8A7A3A1MP2 |
| M--D | | PIN, SHOULDER, HEADED: 549-5721-002, (13499) | | EA | 1 | | | | | | | | | | A8A7A3A1MP3 |
| M--D | 5315-058-9698 | PIN, SPRING, TUBULAR SLOTTED: MS16562-191, (96906) | | EA | 1 | | | | | | | | | | A8A7A3MP1 |
| M--D | | SHAFT, SHOULDERED NO.2: 549-5723-002; (13499) | | EA | 1 | | | | | | | | | | A8A7A3MP2 |
| M--D | | SPACER, SLEEVE: 541-5987-002, (13499) | | EA | | | | | | | | | | | A8A7MP15 |
| M--D | | SPACER, SLEEVE: 541-5987-002; (13499) | | EA | REF | | | | | | | | | | A8A7MP16 |
| M--D | | SPACER, SLEEVE: 541-5987-002; (13499) | | EA | REF | | | | | | | | | | A8A7MP17 |
| M--D | | SPACER, SLEEVE: 541-5987-002, (13499) | | EA | REF | | | | | | | | | | A8A7MP18 |
| P--D | 5340-975-7037 | POST, ELECTRICAL, MECHANICAL: 549-5709-002, (13499) | | EA | 1 | | | | | | | * | * | | A8A7E8 |
| P--D | 5940-259-8457 | TERMINAL, STUD: RTmT12M, (91663) | | EA | 1 | | | | | | | * | * | | A8A7E9 |
| P-F-S | | AMPLIFIER, MODULATOR: AN350TPRC47, (80058) | | EA | 1 | * | * | * | * | * | * | * | * | 3-4 | A8A2 |
| P-H-T | 5820-975-5427 | AMPLIFIER, MIXER SUBASSIBLY-IF: 549-5691-003; (13499) | | EA | 1 | | | | * | * | * | * | * | 3-21 | A8A2E3 |
| P--D | | SCREW, SELF-LOCKING: MAS1190C04P3; (80205) | | EA | 3 | | | | | | | * | * | | A8A2E3H3 |
| X1-D | | BOARD, PRINTED CIRCUIT, NO.3: 549-5682-003, (13499) | | EA | 1 | | | | | | | | | 3-21 | A8A2E3E1 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CK60AWn02n; (813;9) | | EA | 1 | | | | | | | | | 3-21 | A8A2E3C30 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8084, (56289) | | EA | 1 | | | | | | | | | 3-21 | A8A2E3C31 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D104X0035A2; (56289) | | EA | 1 | | | | | | | | | 3-21 | A8A2E3C25 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D685X00035B2, (56289) | | EA | 1 | | | | | | | | | 3-21 | A8A2E3C13 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FDIOGC3, (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E3CII |
| X1-D | | CAPACITOR, FIXED, MICA: CM05DFD21J03, (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E3C12 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD391C03, (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E3C11 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15F511J300VV4CR, (72135) | | EA | 2 | | | | | | | | | 3-21 | A8A2E3C28 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, MICA: DM15F511J300WV4CR; (72136) | | EA | REF | | | | | | | | | 3-21 | A8A2E3C29 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-099-8-50E; (72982) | | EA | 1 | | | | | | | | | 3-21 | A8A2E3C15 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K043; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E3L8 |
| X1-D | | RESISTOR, FIXED, COOMPOSITION: RCR07G561KS; (81349) | | EA | 2 | | | | | | | | | 3-21 | A8A2E3R36 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G561KS; (81349) | | EA | REF | | | | | | | | | 3-21 | A8A2E3R37 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07C222KS; (81349) | | EA | 2 | | | | | | | | | 3-21 | A8A2E3R20 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G222KS; (81349) | | EA | REF | | | | | | | | | 3-21 | A8A2E3R21 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCRD7G562KS; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E3R38 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07GC103KS; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E3R24 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G183KS; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E3R22 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N198; (07688) | | EA | 2 | | | | | | | | | 3-21 | A8A2E3CR7 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N198; (07688) | | EA | REF | | | | | | | | | 3-21 | A8A2E3CR8 |
| X1-D | | TRANSISTOR: 2N274, (07688) | | EA | 1 | | | | | | | | | 3-21 | A8A2E3Q2 |
| P-H-T | 5880-975-5428 | AMPLIFIER SURASSEMBLY IF BOARD: 549-5692-004; (13499) | | EA | 1 | | | | * | * | * | * | * | 3-21 | A8A2E4 |
| P--D | | SCREW, SELF-LOCKING: NAS1090C4P3; (80205) | | EA | 3 | | | | | | | * | * | | AA2E4H3 |
| X1-D | | BOARD, PRINTED CIRCUIT-NO.4: 549-5684-003; (13499) | | EA | 1 | | | | | | | | | 3-21 | A8A2E4E1 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D156X0020B2; (56289) | | EA | 1 | | | | | | | | | 3-21 | A8A2E4C18 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D104X0035A2; (56289) | | EA | 2 | | | | | | | | | 3-21 | A8A2E4C19 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D01X0035A2; (56289) | | EA | REF | | | | | | | | | 3-21 | A8A2E4C20 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D0105X935A2; (56289) | | EA | 1 | | | | | | | | | 3-21 | A8A2E4C23 |
| X1-D | | CAPACITOR, FIXED, MICA: CMD5FD910G03; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E4C16 |
| X1-D | | CAPACITOR, FIXED, MICA: CMD05FD221J03; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E4C22 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15F511J300WV4CR; (72136) | | EA | 1 | | | | | | | | | 3-21 | A8A2E4C21 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-099-8-50E; (72982) | | EA | 1 | | | | | | | | | 3-21 | A8A2E4C17 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K043; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E4L5 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G102KS; (81349) | | EA | 1 | | | | | | | | | 321 | ASA2E4R23 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07C222KS; (81349) | | EA | 2 | | | | | | | | | 3-21 | A8A2E4R26 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G222KS; (81349) | | EA | REF | | | | | | | | | 3-21 | A8A2E4R30 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G272KS; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E4R25 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G562KS; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E4R29 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07GIC0S; (81349) | | EA | 2 | | | | | | | | | 3-21 | A8A2E4R31 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07CG103KS; (81349) | | EA | REF | | | | | | | | | 3-21 | A8A2E4R39 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07TG273KS; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E4R32 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07C683KS; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E4R28 |
| X1-D | | TRANSISTOR: 2N274; (07688) | | EA | 2 | | | | | | | | | 3-21 | A8A2E4Q3 |
| X1-D | | TRANSISTOR: 21274; (07688) | | EA | REF | | | | | | | | | 3-21 | A8A2E4Q4 |
| P-H-T | 5820-975-429 | AMPLIFIER SUBASSEMBLY, IF BOARD: 549-5693-004; (13499) | | EA | 1 | | | | * | * | * | * | * | 3-21 | A8A2E5 |
| P--D | | SCREW, SELF-LOCKING: NAS119CO4P3; (80205) | | EA | 2 | | | | | | | REF | REF | 3-21 | A8A2E5H2 |
| X1-D | | BOARD, PRINTED CIRCUIT-NO.5: 519-5686-003; (13499) | | EA | 1 | | | | | | | | | | A8A2E5E1 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 658084; (56289) | | EA | 1 | | | | | | | | | 3-21 | A8A2E5C26 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD21J03; (81349) | | EA | 2 | | | | | | | | | 3-21 | A8A2E5C27 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD221J03; (81349) | | EA | REF | | | | | | | | | 321 | A8A2E5C32 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD391GC3; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E5C24 |
| X1-D | | COIL, RADIO FREQUENCY: X419-1; (81815) | | EA | 2 | | | | | | | | | 3-21 | A8A2E5L6 |
| X1-D | | COIL, RADIO FREQUENCY: X419-1; (81815) | | EA | REF | | | | | | | | | 3-21 | A8A2E5L7 |
| X1-D | | RELAY, ARMATURE: 3100L037-1001; (80294) | | EA | 1 | | | | | | | | | 321 | A8A2E5K1 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07CG390KS; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E5R40 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G152KS; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E5R33 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07C273KS; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E5R34 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G683KS; (81349) | | EA | 1 | | | | | | | | | 3-21 | A8A2E5R35 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| X1-D | | TRANSISTOR: 2N274; (07688) | | EA | 1 | | | | | | | | | 3-21 | A8A2E5Q5 |
| X1-D | | TRANSFORMER, INTERMEDIATE FREQUENCY X418-1; (31815) | | EA | 1 | | | | | | | | | 3-21 | A8A2E5Q3 |
| P--D | | CAPACITOR, FIXED, CERAMIC: CK13BX103; (81349) | | EA | 1 | | | | | | | REF | REF | 3-21 | A6A2C33 |
| P--D | 5910-663-7276 | CAPACITOR, FIXED, ELECTROLYTIC: 150DL7LX0035A2; (56289) | | EA | 1 | | | | | | | * | * | 3-20 | A8A2C37 |
| P--D | 5999-165-3692 | CHASSIS, ELECTRICAL EQUIPMENT: 549-6404-004; (13499) | | EA | 1 | | | | | | | * | * | 3-20 | A8A2A1 |
| Xi-D | | JACK, TIP: 72-153BRN; (12615) | | EA | 1 | | | | | | | | | 3-21 | A8A2A1J1 |
| X1-D | | JACK, TIP: 72-153RED; (12615) | | EA | 1 | | | | | | | | | 3-20 | A8A2A1J2 |
| X1-D | | JACK, TIP: 72-153ORN; (12615) | | EA | 1 | | | | | | | | | 3-21 | A8A2A1J3 |
| X1-D | | JACK, TIP: 72-153YEL; (12615) | | EA | 1 | | | | | | | | | 3-21 | A8A2A1J4 |
| P--D | 5950-070-7642 | COIL, RADIO FREQUENCY: LT10K053; (813L9) | | EA | 1 | | | | | | | REF | REF | 3-21 | A8A2L110 |
| P--D | 5950-070-7644 | COIL, RADIO FREQUENCY: LT10K060; (81349) | | EA | 1 | | | | | | | * | * | 3-21 | A8A2L9 |
| P--D | 5935-810-6598 | CONNECTOR, RECEPTACLE: DAM7W2P; (71468) | | EA | 1 | | | | | | | REF | REF | 3-21 | A8A2P1 |
| P--D | 5310-622-1724 | NUT, SELF-LOCKING: 68-1660-26; (72962) | | EA | 2 | | | | | | | PEF | REF | | A8A2P3H1 |
| P--D | 5310-622-1724 | NUT, SELF-LOCKING: 68-1660-26; (72962) | | EA | REF | | | | | | | REF | REF | | A8A2P3H2 |
| P--D | | SCREW, MACHINE: MS51959-3; (96906) | | EA | 2 | | | | | | | * | * | | A8A2P3H3 |
| P--D | | SCREW, MACHINE: MS51959-3; (96906) | | EA | REF | | | | | | | REF | REF | | A8A2P3H4 |
| P--D | 5310-167-0797 | WASHER, FLAT: 310-0044-000; (79807) | | EA | 2 | | | | | | | * | * | | A8A2P3H5 |
| P--D | 5310-167-0797 | WASHER, FLAT: 310-0444-000; (79807) | | EA | REF | | | | | | | REF | REF | | A8A2P3H6 |
| P--D | 5935-811-1382 | CONNECTOR, RECEPTACLE: DBM13W3P; (71468) | | EA | 1 | | | | | | | * | * | 3-21 | A8A2P4 |
| P--D | 5310-622-1724 | NUT, SELF-LOCKING: 68-1660-26; (72962) | | EA | 2 | | | | | | | REF | REF | | A8A2P4H1 |
| P--D | 5310-622-1724 | NUT, SELF-LOCKING: 68-1660-26; (72962) | | EA | REF | | | | | | | REF | REF | | A8A2P4H2 |
| P--D | 5305-764-2964 | SCREW, MACHINE: KS51959-4; (96906) | | EA | 2 | | | | | | | * | * | | A8A2P4H3 |
| P--D | 5305-764-2964 | SCREW, MACHINE: MS51959-4; (96906) | | EA | REF | | | | | | | REF | REF | | A8A2P4H4 |
| P--D | 5310-167-0797 | WASHER, FLAT: 310-0044-000; (79807) | | EA | 2 | | | | | | | REF | REF | | A8A2P4H5 |
| P--D | 5310-167-0797 | WASHER, FLAT: 310-0044-000; (79807) | | EA | REF | | | | | | | REF | REF | | A8A2P4H6 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|---|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | | | | | | | | | | |
| P--D | 5935-885-6505 | CONTACT, ELECTRICAL: DM53740-5000; (71468) | | EA | 3 | | | | | | | REF | REF | | A8A2P3A1 |
| P--D | 5935-885-6505 | CONTACT, ELECTRICAL: DM53740-5000; (71468) | | EA | REF | | | | | | | REF | REF | | A8A2P4A1 |
| P--D | 5935-885-6505 | CONTACT, ELECTRICAL: DM53740-5000; (71468) | | EA | REF | | | | | | | REF | REF | | A8A2P4A2 |
| P--D | 5935-885-6508 | CONTACT, ELECTRICAL: DM53741-5002; (71468) | | EA | 1 | | | | | | | * | * | | A8A2P4A3 |
| P-H-T | 5820-088-2515 | CONTROL, AMPLIFIER, BOARD NO.2: 549-5678-003, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-20 | A8A2E2 |
| P--D | | SCREW, SELF-LOCKING: NAS190C04P3; (80205) | | EA | 2 | | | | | | | REF | REF | 3-20 | A8A2E2H2 |
| X1-D | | BOARD, PRINTED CIRCUIT-NO.2: 549-5680-003; (13499) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2E1 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: SSM-1-77; (86335) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2C10 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 29F461; (06001) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2C3 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: CL23BE400UNE; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2C5 |
| X1-D | | COIL, RADIO FREQUENCY: X419-1; (81815) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2L4 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G470KS; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2R13 |
| X1-D | | RESISTOR, AIXED, COMPOSITION: RCR07G152KS; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2R17 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G182KS; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2R14* |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G222KS; (81349) | | EA | 2 | | | | | | | | | 3-20 | A8A2E2R14* |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G222KS; (81349) | | EA | REF | | | | | | | | | 3-20 | A8A2E2R15 |
| XI-D | | RESISTOR, FIXED, COMPOSITION: RCR07G272KS; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2R14* |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G332KS; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2R11* |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G392KS; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2R14* |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07GC72KS; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2R14* |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G562KS; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2R14* |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G682KS; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2R14* |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G822KS; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2R14* |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G103KS; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E2R14* |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07GC153KS; (81349) *SELECT RER OPERATIONAL REQUIREMENT. | | EA | 1 | | | | | | | | | 3-20 | A8A2E2R16 |

SECTION II

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|----|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | | | | | | | | | | |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07GL73KS; (813L9) | EA | 1 | | | | | | | | | | 3-20 | A8A2E2R19 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR20G473KS; (81349) | EA | 1 | | | | | | | | | | 3-20 | A8A2E2R18 |
| X1-D | | RESISTOR, THERMAL: 763H10; (10646) | EA | 1 | | | | | | | | | | 3-20 | A8A2E2R17 |
| X1-D | | TRANSFORMER, INTERMEDIATE FREQUEDCY X377-1; (81815) | EA | 1 | | | | | | | | | | 3-20 | A8A2E2T2 |
| X1-D | | TRANSISTOR: 2N440; (07688) | EA | 1 | | | | | | | | | | 3-20 | A8A2E2QI |
| M--D | | COVER, CHASSIS-FRODT: 549-6412-003; (13499) | EA | 1 | | | | | | | | | | | A8A2MP1 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | EA | 4 | | | | | | | | REF | REF | | A8A2MP1H1 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | EA | REF | | | | | | | | REF | REF | | A8A2MP1H2 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | EA | REF | | | | | | | | REF | REF | | A8A2MP1H3 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | EA | REF | | | | | | | | REF | REF | | A8A2MP1H4 |
| M--D | | COVER, CHASSIS-REAR: 549-6411-003, (13499) | EA | 1 | | | | | | | | | | | A8A2MP2 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | EA | 4 | | | | | | | | REF | REF | | A8A2MP2H1 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | EA | REF | | | | | | | | REF | REF | | A8A2MP2H2 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | EA | REF | | | | | | | | REF | REF | | A8A2MP2H3 |
| P--D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | EA | REF | | | | | | | | REF | REF | | A8A2MP2H4 |
| P--D | 5915-846-0453 | FILTER, MECHANICAL: 526-9376-000; (13499) | EA | 1 | | | | | | | | * | * | 3-21 | A8A2FL1 |
| P--D | 5325-286-6047 | GROMMET, RUBBER: MS35L89-1; (96906) | EA | 1 | | | | | | | | * | * | | A8A2H1 |
| P-H-T | 5820-975-5L26 | MODULATOR, RADIO TRANSMITTER: 549-5688-004; (13499) | EA | 1 | | | | * | * | * | | * | * | 3-20 | A8A2E1 |
| P--D | | SCREW, SELF-LOCKING: NAS1190C04P3; (80205) | EA | REF | | | | | | | | REF | REF | | A8A2ELHL |
| X1-D | | BOARD, PRINTED CIRCUIT, NO 1: 549-5690-004; (13499) | EA | 1 | | | | | | | | | | | A8A2E1E1 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8082; (56289) | EA | 2 | | | | | | | | | | 3-20 | A8A2E1C1 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8082; (56289) | EA | REF | | | | | | | | | | 3-20 | A8A2E1C34 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 29F461; (06001) | EA | 1 | | | | | | | | | | 3-20 | A8JA2E106 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: CL21BQ040SPE; (81349) | EA | 1 | | | | | | | | | | 3-20 | A8A2E1C4 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15C150J500VDC; (72136) | EA | 1 | | | | | | | | | | 3-20 | A6A2E1C36* |
| * SELECT PER OPERATIONAL REQUIREMENT. | | | | | | | | | | | | | | | |

SECTION II

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | | | | | | | | | | |
| X1-D | | CAPACITOR, FIXED, MICA: CM05CD180J03; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E1C36* |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED220J03; (81349) | | EA | 1 | | | | | | | | | 3-20 | ASA2E1C36* |
| X1-D | | CAPACITOR, FIXED, MICA: CMD5ED270J03; (81349) | | EA | 2 | | | | | | | | | 3-20 | A8A2E1C9 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED270J03; (81349) | | EA | REF | | | | | | | | | 3-20 | A8A2E1C36* |
| X1-D | | CAPACITOR, FIXED, MICA: CMDSED300J03; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E1C36* |
| X1-D | | CAPACITOR, FIXED, MICA: CMDSED330J03; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E1C36* |
| X1-D | | CAPACITOR, FIXED, MICA: CMDSED360J03; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E1C36* |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD221J03; (81349) | | EA | 2 | | | | | | | | | 3-20 | A8A2E1C7 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD221J03; (81349) | | EA | REF | | | | | | | | | 3-20 | A8A2E1C8 |
| X1-D | | CAPACITOR, FIXED, MICA: DM20F22J0; (72136) | | EA | 1 | | | | | | | | | 3-20 | A8A2E1C2 |
| X1-D | | CAPACITOR, VARIABLE, GLASS: SC156Y; (73899) | | EA | 1 | | | | | | | | | 3-20 | A8A2E1C35 |
| X1-D | | COIL, RADIO FREQUENCY: LT10D036; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E1L2 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K053; (81349) | | EA | 2 | | | | | | | | | 3-20 | A8A2E1L1L1 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K053; (81349) | | EA | REF | | | | | | | | | 3-20 | A8A2E1L3 |
| X1-D | | RESISTOR, FIXED, FILM: RN60C5110F; (81349) | | EA | 2 | | | | | | | | | 3-20 | A8A2E1R4 |
| X1-D | | RESISTOR, FIXED, FILM: RN60C5110F; (81349) | | EA | REF | | | | | | | | | 3-20 | A8A2E1R6 |
| X1-D | | RESISTOR, FIXED, FILM: RN60Db2R2F; (813b9) | | EA | 2 | | | | | | | | | 3-20 | A8A2E1R7 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D2R2F; (813b9) | | EA | REF | | | | | | | | | 3-20 | A8A2E1R8 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1170F; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E1R1 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1001F; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E1R3 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D7501F; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E1R2 |
| X1-D | | RESISTOR, FIXED, FILM: RN65D1002F; (81349) | | EA | 1 | | | | | | | | | 3-20 | A8A2E1R1 |
| X1-D | | RESISTOR, VARIABLE, WIRE WOUND: 224P1-201; (80294) | | EA | 1 | | | | | | | | | 3-20 | A8A2E1R5 |
| X1-D | | SEMICONDUCTOR DEVICE SET: FA4092; (07263) | | EA | 1 | | | | | | | | | 3-20 | A8A2E1CR1 |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR07G681KS; (81349) | | EA | 1 | | | | | | | REF | REF | 3-21 | A8A2R45 |
| *SELECT FOR OPERATIONAL REQUIREMENT | | | | | | | | | | | | | | | |

SECTION II

TM 11-5820-509-35

REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued)

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
|--------------------|-----------------------------------|--|---------------------------|---------------------------------|--|---------------|--|--|--------------|---------------|--|---|----------------------|--|
| | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | P--D | 5905-816-8554 | RESISTOR, FIXED, COMPOSITION: RCR07TC103KS; (81349) | EA | 1 | | | | | |
| P--D | | SELFCONDUCTOR DEVICE, DIODE: 1N916; (07688) | EA | 1 | | | | | | | REF | REF | 3-20 | A8A2CR9 |
| P--D | 5340-984-7537 | STRAP, RETAINING FILTER: 549-5660-002; (13499) | EA | 1 | | | | | | | * | * | 3-21 | A8A2MP3 |
| P--D | 5305-206-1270 | SCREW, MACHINE: P343-0284-000; (T7250) | EA | 1 | | | | | | | REF | REF | 3-21 | AA2P3H1 |
| P--D | 5940-836-3536 | TERMINAL, LUG: 4040-2HDSPL; (77147) | EA | 3 | | | | | | | * | * | | A8A2E6 |
| P--D | 5940-836-3536 | TERMINAL, LUG: 4040-2HDSPL; (77147) | EA | REF | | | | | | | REF | REF | | A8A2E7 |
| P--D | 5940-836-3536 | TERMINAK, LUG: 4040-2HDSPL; (77717) | EA | REF | | | | | | | REF | REP | | A8A2E8 |
| P--D | 5940-455-7441 | TERMTINAL, LUG: 4040-5HDSPL; (77147) | EA | 1 | | | | | | | * | * | | A8A2E9 |
| P--D | | SCREW, MACHINE: P343-0285-00; (77250) | EA | 1 | | | | | | | * | * | | A8A29HL |
| P--D | | WASER, LOCK: 310-0396-00; (79807) | EA | 1 | | | | | | | REF | REF | | A8A2E9M2 |
| P-H-S | 5820-087-0328 | OSCILLATOR, RADIO FREQUENCY: 0-1032PRC47; (80058) | EA | 1 | | | | * | * | * | * | * | 3-4 | A8A6 |
| N--D | | BLOCK, INSULATION, THERMAL: 549-1549-003; (13499) | EA | 1 | | | | | | | | | | A8A6MP1 |
| P--D | | CAPACITOR, FIXED, MICA: DM15E191F050WV4CR; (72136) | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | | CAPACITOR, FIXED, MICA: DM15E191F050WV4CR; (72136) | EA | REF | | | | | | | REF | RIF | | A8A6C20* |
| P--D | | CAPACITOR, FIXED, MICA: DM15E191F050WV4CR; (72136) | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | | CAPACITOR, FIXED, MICA: DM15E191F050WV4CR; (72136) | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | | CAPACITOR, FIXED, MICA: DM15E191F050WV4CR; (72136) | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | | CAPACITOR, FIXED, MICA: DM15E191F050WV4CR; (72136) | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | | CAPACITOR, FIXED, MICA: DM15E191F0500WV4CR; (72136) | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | | CAPACITOR, FIXED, MICA: DM15E191f050WV4CR; (72136) | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | | CAPACITOR, FIXED, MICA: DM15E191F0500WV4CR, (72136) | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | | CAPACITOR, FIXED, MICA: DM15E191F0500WVCR; (72136) | EA | REF | | | | | | | REL | REF | | A8A6C34* |
| P--D | 5910-902-0031 | CAPACITOR, FIXED, MICA: CMD5CDO50DO3, (81349) | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-902-0031 | CAPACITOR, FIXED, MICA: CM05CD050D03, (81349) | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-902-0031 | CAPACITOR, FIXED, MICA: | EA | REF | | | | | | | REF | REF | | A8A6C23* |

*SELECT PER OPERATIONAL REQUIRED

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | | | | | | | | | | |
| P--D | 5910-902-0031 | CAPACITOR, FIXED, MICA: CM05CD050D03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-902-0031 | CAPACITOR, FIXED, MICA: CM05CD050D03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-902-0335 | CAPACITOR, FIXED, MICA: CM05CD050D03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-902-0335 | CAPACITOR, FIXED, MICA: CM05CD050D03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-902-0335 | CAPACITOR, FIXED, MICA: CM05CD050D03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-902-0335 | CAPACITOR, FIXED, MICA: CM05CD050D03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-902-0335 | CAPACITOR, FIXED, MICA: CM05CD050D03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-936-7372 | CAPACITOR, FIXED, MICA: CM05CD120J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-936-7372 | CAPACITOR, FIXED, MICA: CM05CD120J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-936-7372 | CAPACITOR, FIXED, MICA: CM05CD120J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-936-7372 | CAPACITOR, FIXED, MICA: CM05CD120J03; (81349) | | EA | RKF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-936-7372 | CAPACITOR, FIXED, MICA: CM05CD120J03; (81349) | | EA | REF | | | | | | | REF | REF | | AA6C34* |
| P--D | | CAPACITOR, FIXED, MICA: DM15C150J500VDC; (72136) | | EA | 5 | | | | | | | * | * | | A8A6C19* |
| P--D | | CAPACITOR, FIXED, MICA: DM15C150J500VDC; (72136) | | EA | REF | | | | | | | REF | RKF | | A8A6C20* |
| P--D | | CAPACITOR, FIXED, MICA: DM15C150J500VDC; (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | | CAPACITOR, FIXED, MICA: DM15C150J500VDC; (72136) | | EA | REF | | | | | | | REF | REF | | A8A6CR29* |
| P--D | | CAPACITOR, FIXED, MICA: DM15C150J500VDC; (72136) | | EA | RKF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-832-8080 | CAPACITOR, FIXED, MICA: CM05ED200J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-832-8080 | CAPACITOR, FIXED, MICA: CM05ED200J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-832-8080 | CAPACITOR, FIXED, MICA: CM05ED200J03; (81349) | | EA | REF | | | | | | | REF | REF | | AA6C23* |
| P--D | 5910-832-8080 | CAPACITOR, FIXED, MICA: CM05ED200J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-832-8080 | CAPACITOR, FIXED, MICA: CM05ED200J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-954-5496 | CAPACITOR, FIXED, MICA: CM05ED200J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-954-5496 | CAPACITOR, FIXED, MICA: CM05ED200J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-954-5496 | CAPACITOR, FIXED, MICA: CM05ED200J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |

*SELECT PER OPERATIONAL REQUIREMENT

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P--D | 5910-954-5496 | CAPACITOR, FIXED MICA: CM05ED220J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-954-5496 | CAPACITOR, FIXED MICA: CM05ED220J03; (81349) | | EA | REF | | | | | | | REF | REF | | A9A6C34* |
| P--D | 5910-051-4612 | CAPACITOR, FIXED MICA: CM05ED220J03; (81349)) | | EA | 5 | | | | | | | * | * | | ABA6C14* |
| P--D | 5910-051-4612 | CAPACITOR, FIXED MICA: CM05ED220J03; (81349)) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-051-4612 | CAPACITOR, FIXED MICA: CM05ED220J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-051-4612 | CAPACITOR, FIXED MICA: CM05ED220J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8AEC29* |
| P--D | 5910-051-4612 | CAPACITOR, FIXED MICA: CM05ED240J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-957-8578 | CAPACITOR, FIXED MICA: CM05ED240J03; (81349) | | EA | 5 | | | | | | | | * | | AA6BC14* |
| P--D | 5910-957-8578 | CAPACITOR, FIXED MICA: CM05ED240J03; (81349) | | EA | REF | | | | | | | REF | REF | | A6A6C20* |
| P--D | 5910-957-8578 | CAPACITOR, FIXED MICA: CM05ED240J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-957-8578 | CAPACITOR, FIXED MICA: CM05ED240J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | | CAPACITOR, FIXED MICA: CM05ED270J03; (81349) | | EA | REF | | | | | | | REF | REF | | AYA6C34* |
| P--D | | CAPACITOR, FIXED MICA: CM05ED270J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14 * |
| P--D | | CAPACITOR, FIXED MICA: CM05ED270J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | | CAPACITOR, FIXED MICA: CM05ED270J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | | CAPACITOR, FIXED MICA: CM05ED270J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | | CAPACITOR, FIXED MICA: CM05ED270J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | | CAPACITOR, FIXED MICA: CM05ED300J03; (81349) | | EA | 5 | | | | | | | * | * | | AA6C14* |
| P--D | | CAPACITOR, FIXED MICA: CM05ED300J03; (81349) | | EA | REF | | | | | | | REF | REF | | 8A6C20* |
| P--D | | CAPACITOR, FIXED MICA: CM05ED300J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | | CAPACITOR, FIXED MICA: CM05ED300J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | | CAPACITOR, FIXED MICA: CM05ED300J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-824-8036 | CAPACITOR, FIXED MICA: CM05ED330J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-824-8036 | CAPACITOR, FIXED MICA: CM05ED330J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-824-8036 | CAPACITOR, FIXED MICA: CM05ED330J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |

*SELECT PER OPERATIONAL REQUIREMENT.

SECTION II

TM 11-5820-509-35

REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued)

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
|--------------------|-----------------------------------|--|---------------------------|---------------------------------|--|---------------|--|--|--------------|---------------|--|---|----------------------|--|
| | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | P--D | 5910-824-8036 | CAPACITOR, FIXED, MICA: CM05ED330J03; (81349) | EA | REF | | | | | |
| P--D | 5910-824-8036 | CAPACITOR, FIXED, MICA: CM05ED330J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED360J03; (813L9) | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED360J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED360J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED360J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED360J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED360J03; (81349) | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED390J03; (813L9) | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED390J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED390J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED390J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED390J03; (81349) | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED430J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED430J03; (813L9) | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED430J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED430J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED430J03; (81349) | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED470J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED470J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED470J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-964-6511 | CAPACITOR, FIXED, MICA: CM05ED470J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-837-6687 | CAPACITOR, FIXED, MICA: CM05ED510J03; (81349) | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-837-6687 | CAPACITOR, FIXED, MICA: CM05ED510J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-837-6687 | CAPACITOR, FIXED, MICA: CM05ED510J03; (81349) | EA | REF | | | | | | | REF | REF | | A8A6C23* |

*SELECT PER OPERATIONAL REQUIREMENT

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P--D | | CAPACITOR, FIXED, MICA: CM05ED510J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | | CAPACITOR, FIXED, MICA: CM05ED510J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-825-5288 | CAPACITOR, FIXED, MICA: CM05ED560J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-825-5288 | CAPACITOR, FIXED, MICA: CM05ED560J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-825-5288 | CAPACITOR, FIXED, MICA: CM05ED560J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-825-5288 | CAPACITOR, FIXED, MICA: CM05ED560J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-825-5288 | CAPACITOR, FIXED, MICA: CM05ED560J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | | CAPACITOR, FIXED, MICA: CM05ED620J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | | CAPACITOR, FIXED, MICA: CM05ED620J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | | CAPACITOR, FIXED, MICA: CM05ED620J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | | CAPACITOR, FIXED, MICA: CM05ED620J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | | CAPACITOR, FIXED, MICA: CM05ED620J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | | CAPACITOR, FIXED, MICA: CM05ED680J03; (81349) | | EA | 5 | | | | | | | REF | REF | | A8A6C14* |
| P--D | | CAPACITOR, FIXED, MICA: CM05ED680J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | | CAPACITOR, FIXED, MICA: CM05ED680J03; (81349) | | EA | REF | | | | | | | REF | REF | | ABA6C23* |
| P--D | | CAPACITOR, FIXED, MICA: CM05ED680J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | | CAPACITOR, FIXED, MICA: CM05ED680J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-814-0419 | CAPACITOR, FIXED, MICA: CM05ED750J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-814-0419 | CAPACITOR, FIXED, MICA: CM05ED750J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-814-0419 | CAPACITOR, FIXED, MICA: CM05ED750J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-814-0019 | CAPACITOR, FIXED, MICA: CM05ED750J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-814-0419 | CAPACITOR, FIXED, MICA: CM05ED750J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-578-1976 | CAPACITOR, FIXED, MICA: CM05ED820J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-578-1976 | CAPACITOR, FIXED, MICA: CM05ED820J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-578-1976 | CAPACITOR, FIXED, MICA: CM05ED820J03; (81349) | | EA | REF | | | | | | | REF | REF | | ABA6C23* |

*ELECT PER OPERATIONAL REQUIREMINT.

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P--D | 5910-578-1976 | CAPACITOR, FIXED, MICA: CM05ED820J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-578-1976 | CAPACITOR, FIXED, MICA: CM05ED820J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD910J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD910J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD910J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD910J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD910J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD101J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD101J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | | CAPACITOR, FIXED, MICA: CMD5FD101J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | | CAPACITOR, FIXED, MICA: CMD5FD101J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | | CAPACITOR, FIXED, MICA: CMD5FD101J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-825-3067 | CAPACITOR, FIXED, MICA: CM05FD111J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-825-3067 | CAPACITOR, FIXED, MICA: CM05FD111J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-825-3067 | CAPACITOR, FIXED, MICA: CM05FD111J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-825-3067 | CAPACITOR, FIXED, MICA: CMD5FD111J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-825-3067 | CAPACITOR, FIXED, MICA: CM05FD111J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-954-5504 | CAPACITOR, FIXED, MICA: CM05FD121J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-954-5504 | CAPACITOR, FIXED, MICA: CMD5FD121J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-954-5504 | CAPACITOR, FIXED, MICA: CM05FD121J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-954-5504 | CAPACITOR, FIXED, MICA: CM05FD121J031; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-954-5504 | CAPACITOR, FIXED, MICA: CM05FD121J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD131J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD131J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | | CAPACITOR, FIXED, MICA: CMD5FD131J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |

*SELECT PER OPERATIONAL REQUIREMENT.

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD131J03; (813h9) | | EA | REF | | | | | | | REF | REF | A8A6C29* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD131J03; (813L9) | | EA | REF | | | | | | | REF | REF | A8A6C34* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD151J03; (81349) | | EA | 5 | | | | | | | * | * | A8A6C14* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD151J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C20* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD151J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C23* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD151J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C29* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD151J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C34* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD161J03; (81349) | | A | 5 | | | | | | | * | * | A8A6C14* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD161J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C20* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD161J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C23* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD161J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C29* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD161J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C34* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD181J03; (81349) | | EA | 5 | | | | | | | * | * | AA6C14* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD181J03; (81349) | | EA | REF | | | | | | | REF | REF | AA6C20* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD181J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C23* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD181J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C29* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD181J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C34* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD181J03; (81349) | | EA | 5 | | | | | | | * | * | A8A6C14* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD201J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C20* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD201J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C23* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD201J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C29* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD201J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C34* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD221J03; (81349) | | EA | 5 | | | | | | | * | * | A8A6C14* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD221J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C20* | |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD221J03; (81349) | | EA | REF | | | | | | | REF | REF | A8A6C23* | |

*SELECT PER OPERATIONAL REQUIREMENT.

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|---|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) | (b) |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | FIG NO. | ITEM NO. OR REFERENCE DESIGNATION |
| P--D | 5910-460-0869 | CAPACITOR, FIXED, MICA: CM05FD221J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-460-0869 | CAPACITOR, FIXED, MICA: CM05FD221J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-456-0797 | CAPACITOR, FIXED, MICA: CM05FD241J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C11* |
| P--D | 5910-456-0797 | CAPACITOR, FIXED, MICA: CM05FD241J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-456-0797 | CAPACITOR, FIXED, MICA: CM05FD241J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-456-0797 | CAPACITOR, FIXED, MICA: CM05FD241J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-456-0797 | CAPACITOR, FIXED, MICA: CM05FD241J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-456-0797 | CAPACITOR, FIXED, MICA: CM05FD271J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C11* |
| P--D | 5910-456-0797 | CAPACITOR, FIXED, MICA: CM05FD271J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-456-0797 | CAPACITOR, FIXED, MICA: CM05FD271J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-456-0797 | CAPACITOR, FIXED, MICA: CM05FD271J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-456-0797 | CAPACITOR, FIXED, MICA: CM05FD271J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-456-0793 | CAPACITOR, FIXED, MICA: CM05FD301J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-456-0793 | CAPACITOR, FIXED, MICA: CM05FD301J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-456-0793 | CAPACITOR, FIXED, MICA: CM05FD301J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-456-0793 | CAPACITOR, FIXED, MICA: CM05FD301J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-456-0793 | CAPACITOR, FIXED, MICA: CM05FD301J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-456-0793 | CAPACITOR, FIXED, MICA: CM05FD301J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-456-0793 | CAPACITOR, FIXED, MICA: CM05FD331J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-456-0793 | CAPACITOR, FIXED, MICA: CM05FD331J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-456-0793 | CAPACITOR, FIXED, MICA: CM05FD331J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-456-0793 | CAPACITOR, FIXED, MICA: CM05FD331J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-456-0793 | CAPACITOR, FIXED, MICA: CM05FD361J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-456-0793 | CAPACITOR, FIXED, MICA: CM05FD361J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-456-0793 | CAPACITOR, FIXED, MICA: CM05FD361J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |

*SELECT PER OPERATIONAL REQUIREMENT

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P--D | 5910-255-1608 | CAPACITOR, FIXED, MICA: CM05FD361J03, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-255-1608 | CAPACITOR, FIXED, MICA: CM05FD361J03, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD391J03, (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | | CAPACITOR, FIXED, MICA: CM50'D391J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD391J03, (813h9) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD391J03, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | | CAPACITOR, FIXED, MICA: CM05FD391J03, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-023-2068 | CAPACITOR, FIXED, MICA: DM15F131J300WV4CR; (72136) | | EA | 5 | | | | | | | * | * | | AA6C114* |
| P--D | 5910-023-2068 | CAPACITOR, FIXED, MICA: DM15F431J300WV4CR; (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-023-2068 | CAPACITOR, FIXED, MICA: DM15F431J300WV4CR; (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-023-2068 | CAPACITOR, FIXED, MICA: DM15F1471J300WV4CR; (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-023-2068 | CAPACITOR, FIXED, MICA: DM15F4311J300WV4CR; (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-997-5399 | CAPACITOR, FIXED, MICA: DM15F471J300WV4CR; (72136) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | 5910-997-5399 | CAPACITOR, FIXED, MICA: DM15F471J300WV4CR; (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-997-5399 | CAPACITOR, FIXED, MICA: DM15F471J300WV4CR; (72156) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-997-5399 | CAPACITOR, FIXED, MICA: DM15F471J300WV4CR; (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-997-5399 | CAPACITOR, FIXED, MICA: DM15F471J300WV4CR; (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-686-6126 | CAPACITOR, FIXED, MICA: DM15F511J300WV4CR; (72136) | | EA | 5 | | | | | | | * | * | | AA6C1* |
| P--D | 5910-686-6126 | CAPACITOR, FIXED, MICA: DM15F511J300V4CR; (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | 5910-686-6126 | CAPACITOR, FIXED, MICA: DM15F511J300WV4CR; (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |
| P--D | 5910-686-6126 | CAPACITOR, FIXED, MICA: DM15F511J300WV4CR; (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C29* |
| P--D | 5910-686-6126 | CAPACITOR, FIXED, MICA: DM15F511J300WV4CR; (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C34* |
| P--D | 5910-958-8257 | CAPACITOR, FIXED, MICA: DM15E621J0300WV4CR; (72136) | | EA | 5 | | | | | | | * | * | | A8A6C14* |
| P--D | | CAPACITOR, FIXED, MICA: DM15E621J0300WV4CR; (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C20* |
| P--D | | CAPACITOR, FIXED, MICA: DM15E621J0300WV4CR; (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C23* |

*SELECT PER OPERATIONAL REQUIREMENT.

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P--D | 5910-958-8257 | CAPACITOR, FIXED, MICA DM15E621J0300WV4CR, (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C29 * |
| P--D | 5910-958-8257 | CAPACITOR, FIXED, MICA DN15E621J0300WV4CR, (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C34 * |
| P--D | | CAPACITOR, FIXED, MICA- CM06FD751J03; (81349) | | EA | 5 | | | | | | | * | * | | A8A6C14.* |
| P--D | | CAPACITOR, FIXED, MICA: CM06FD751J3, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C20 * |
| P--D | | CAPACITOR, FIXED, MICA. CM06FD751J03; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C23 * |
| P--D | | CAPACITOR, FIXED, MICA- CM06FD751J03, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C29 * |
| P--D | | CAPACITOR, FIXED, MICA: CM06FD751J03, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6C34 * |
| P--D | 5910-851-3328 | CAPACITOR, FIXED, MICA: DM15E821J0300WV4CR, (72136) | | EA | 5 | | | | | | | | | | A8A6C14 * |
| P--D | | CAPACITOR, FIXED, MICA: DM15E821J0300WV4CR, (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C20.* |
| P--D | | CAPACITOR, FIXED, MICA DM15E821J0300WV4CR, (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C23 * |
| P--D | | CAPACITOR, FIXED, MICA. DM15E821J0300WV4CR, (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C29 * |
| P--D | | CAPACITOR, FIXED, MICA DM15E821J0300WV4CR, (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C34 * |
| P--D | 5910-878-5239 | CAPACITOR, FIXED, MICA DM15E1690F0300WVCR, (72136) | | EA | 5 | | | | | | | * | * | | A8A6C14 * |
| P--D | 5910-878-5239 | CAPACITOR, FIXED, MICA- DM15E1690F0300WV4CR, (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C20.* |
| P--D | 5910-878-5239 | CAPACITOR, FIXED, MICA DM15E1690F0300WV4CR, (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C23 *- |
| P--D | 5910-878-5239 | CAPACITOR, FIXED, MICA DM15E1690F0300WV4CR, (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C29 * |
| P--D | 5910-878-5239 | CAPACITOR, FIXED, MICA DM15E1690F0300WV4CR, (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C34.* |
| P--D | | CAPACITOR, FIXED, MICA DM15F561J300WV4CR, (72136) | | EA | 5 | | | | | | | * | * | | A8A6C14 * |
| P--D | | CAPACITOR, FIXED, MICA DM15F561J300WV4CR, (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C20.* |
| P--D | | CAPACITOR, FIXED, MICA DM15F561J300WV4CR, (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C23 * |
| P--D | | CAPACITOR, FIXED, MICA DM15F561J300WV4CR, (7213 6) | | EA | REF | | | | | | | REF | REF | | A8A6C29 * |
| P--D | | CAPACITOR, FIXED, MICA DM15F561J300WV4CR, (72136) | | EA | REF | | | | | | | REF | REF | | A8A6C34.* |
| P--D | 5935-811-1382 | CONNECTOR, RECEPTACLE, ELECTRICAL DBM13W3P; (71468) | | EA | 1 | | | | | | | REF | REF | 3-52 | A8A6P1 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A6P1H1 |
| P--D | 5305-151-0732 | SCREW, MACHINE P342-0143-000, (77250) | | EA | 2 | | | | | | | * | * | | A8A6P1H2 |
| * SELECT PER OPERATIONAL REQUIREMENT. | | | | | | | | | | | | | | | |

SECTION II

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE.(Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P--D | 5305-151-0732 | SCREW, MACHINE P342-0143-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A6P1H3 |
| P--D | 5310-316-9040 | WASHER, FLAT- 310-0053-000, (79807) | | EA | 2 | | | | | | | * | * | | A8A6P1H4 |
| P--D | 5310-316-9040 | WASHER, FLAT 310-0053-000, (79807) | | EA | REF | | | | | | | REF | REF | | A8A6P1H5 |
| P--D | 5310-981-2255 | WASHER, SPRING TENSION 310-0074-000, (79807) | | EA | 2 | | | | | | | * | * | | A8A6P1H6 |
| P--D | 5310-981-2255 | WASHER, SPRING TENSION 310-0074-000, (79807) | | EA | REF | | | | | | | REF | REF | | A8A6P1H7 |
| P--D | 5935-885-6505 | CONTACT,ELECTRICAL,COAXIALINSERT DM53740-5000, (71468) | | EA | 3 | | | | | | | REF | REF | | ABA6P1A1 |
| P--D | 5935-885-6505 | CONTACT,ELECTRICAL,COAXIALINSERT D453740-5000, (71468) | | EA | REF | | | | | | | REF | REF | | A8A6P1A2 |
| P--D | 5935-885-6505 | CONTACT,ELECTRICAL,COAXIALINSERT DM53740-5000, (71468) | | EA | REF | | | | | | | REF | REF | | A8A6P1A3 |
| M--D | | COVER, OSCILLATOR-RIVETED 549-1544-003, (13499) | | EA | 1 | | | | | | | | | | A8A6MP2 |
| P--D | 5305-054-6651 | SCREW, MACHINE MS51957-27, (96906) | | EA | 2 | | | | | | | | * | * | A8A6MP2H1 |
| P--D | 5305-054-6651 | SCREW, MACHINE MS51957-27, (96906) | | EA | REF | | | | | | | REF | REF | | A8A6MP2H2 |
| P--D | 5310-515-8243 | WASHER, FLAT 310-00006-000, (79807) | | EA | 2 | | | | | | | * | * | | A8A614P2H3 |
| P--D | 5310-515-8243 | WASHER, FLAT 310-00006-000, (79807) | | EA | REF | | | | | | | REF | REF | | A8A6MP2H4 |
| P--F-T | 5820-088-1379 | DIVIDER, FREQUENCY-100KC 549-1553-004, (13499) | | EA | 1 | * | * | * | * | * | * | * | * | 3-12 | A8A6E1 |
| P--D | 5305-059-8228 | SCREW, MACHINE P343-0299-000, (77250) | | EA | 6 | | | | | | | * | * | 3-52 | A8A6E1H6 |
| P--D | 5310-981-2255 | WASHER, SPRING TENSION 310-0074-000, (79807) | | EA | 6 | | | | | | | REF | REF | | A8A6E1H6 |
| X1-D | | BOARD, TERMINAL-PRESSED 549-1551-003, (13499) | | EA | 1 | | | | | | | | | 3-52 | A8A6E1TB1 |
| X1-D | | CAPACITOR, FIXED, CERAMIC CK13BX223M, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E1C32 |
| X1-D | | CAPACITOR, FIXED, CERAMIC. K13BX103K, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E1C35 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC 150D105X0035A2, (56289.) | | EA | 2 | | | | | | | | | 3-52 | A8A6E1C37 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC 150D105X0035A2, (56289) | | EA | REF | | | | | | | | | 3-52 | A8A6E1C38 |
| X1-D | | CAPACITOR, FIXED, FILM 192P1039R8, (56289) | | EA | 1 | | | | | | | | | 3-52 | A8A6E1C30 |
| X1-D | | CAPACITOR, FIXED, FILM 192P4739R8, (56289) | | EA | 1 | | | | | | | | | 3-52 | A8A6E1C31 |
| X1-D | | CAPACITOR, FIXED, MICA CM06FD242J03, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E1C28 |
| X1-D | | CAPACITOR, FIXED, MICA. CM06FD272F03, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E1C33 |

SECTION II

REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE.(Continued)

| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
|--------------------|-----------------------------------|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, MICA DM15E102J0100WV4CR, (72136) | EA | 1 | | | | | | | | 3-52 | A8A6E1C27 | |
| X1-D | | COIL, RADIO FREQUENCY LT10K037, (813L9) | EA | 1 | | | | | | | | 3-52 | A8A6E1L8 | |
| X1-D | | COIL, RADIO FREQUENCY LT10K043, (81349) | EA | 1 | | | | | | | | 3-52 | A8A6E1L7 | |
| X1-D | | COIL, RADIO FREQUENCY LT10K060, (81349) | EA | 1 | | | | | | | | 3-52 | A8A6E1L9 | |
| X1-D | | GROMMET, RUBBER MS35489-4, (96906) | EA | 3 | | | | | | | | 3-52 | A8A6E1H1 | |
| X1-D | | GROMMET, RUBBER MS35489-4, (96906) | EA | REF | | | | | | | | 3-52 | A8A6E1H2 | |
| X1-D | | GROMMET, RUBBER MS35489-4, (96906) | EA | REF | | | | | | | | 3-52 | ABA6E1H3 | |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G222KS, (81349) | EA | 1 | | | | | | | | 3-52 | A8A6E1R36 | |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G472KS, (81349) | EA | 5 | | | | | | | | 3-52 | A8A6E1R34 | |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G472KS, (81349) | EA | REF | | | | | | | | 3-52 | A8A6E1R38 | |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G472KS, (81349) | EA | REF | | | | | | | | 3-52 | A8A6E1R39 | |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G472KS, (81349) | EA | REF | | | | | | | | 3-52 | A8A6ERL40 | |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07GC72KS, (81349) | EA | REF | | | | | | | | 3-52 | A8A6E1R43 | |
| X1-D | | RESISTOR, FIXED, COMPOSITION. RCR07G103KS, (81349) | EA | 4 | | | | | | | | 3-52 | A8A6E1R35 | |
| X1-D | | RESISTOR, FIXED, COPOSITION RCR07G103KS, (81349) | EA | REF | | | | | | | | 3-52 | A8A6E1R37 | |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G103KS, (81349) | EA | REF | | | | | | | | 3-52 | A8A6E1R41 | |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G103KS, (81349) | EA | REF | | | | | | | | 3-52 | A8A6E1R42 | |
| X1-D | | RESISTOR, FIXED, FILM R60D26R1F, (81349) | EA | 1 | | | | | | | | 3-52 | A8A6E1R44 | |
| X1-D | | TERMINAL, STUD-GROUD AB396-1, (12615) | EA | 6 | | | | | | | | | A8A6E1E | |
| X1-D | | SCREW, MACHINE P343-0298-00000, (77250) | EA | 1 | | | | | | | | | A8A6E1E1H | |
| X1-D | | WASHER, SPRING TENSION 310-0074-000, (79807) | EA | 1 | | | | | | | | | A8A6E1E1H2 | |
| X1-D | | TERMINAL, STUD-GROUND AB396-1, (12615) | EA | REF | | | | | | | | | A8A6E1E2 | |
| X1-D | | SCREW, MACHINE P343-0298-00, (77250) | EA | 1 | | | | | | | | | A8A6E1E2H1 | |
| X1-D | | WASHER, SPRING TENSION 310-0074-000, (79807) | EA | 1 | | | | | | | | | A8A6E1E2H2 | |
| X1-D | | TERMINAL, STUD-GROUND AB396-1, (12615) | EA | REF | | | | | | | | | A8A6E1E3 | |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE.(Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, MICA DM15E102J0100WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-52 | A8A6E1C27 |
| X1-D | | COIL, RADIO FREQUENCY LT10K037, (813L9) | | EA | 1 | | | | | | | | | 3-52 | A8A6E1L8 |
| X1-D | | COIL, RADIO FREQUENCY LT10K043, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E1L7 |
| X1-D | | COIL, RADIO FREQUENCY LT10K060, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E1L9 |
| X1-D | | GROMMET, RUBBER MS35489-4, (96906) | | EA | 3 | | | | | | | | | 3-52 | A8A6E1H1 |
| X1-D | | GROMMET, RUBBER MS35489-4, (96906) | | EA | REF | | | | | | | | | 3-52 | A8A6E1H2 |
| X1-D | | GROMMET, RUBBER MS35489-4, (96906) | | EA | REF | | | | | | | | | 3-52 | ABA6E1H3 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G222KS, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E1R36 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G472KS, (81349) | | EA | 5 | | | | | | | | | 3-52 | A8A6E1R34 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G472KS, (81349) | | EA | REF | | | | | | | | | 3-52 | A8A6E1R38 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G472KS, (81349) | | EA | REF | | | | | | | | | 3-52 | A8A6E1R39 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G472KS, (81349) | | EA | REF | | | | | | | | | 3-52 | A8A6ERL40 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07GC72KS, (81349) | | EA | REF | | | | | | | | | 3-52 | A8A6E1R43 |
| X1-D | | RESISTOR, FIXED, COMPOSITION. RCR07G103KS, (81349) | | EA | 4 | | | | | | | | | 3-52 | A8A6E1R35 |
| X1-D | | RESISTOR, FIXED, COPOSITION RCR07G103KS, (81349) | | EA | REF | | | | | | | | | 3-52 | A8A6E1R37 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G103KS, (81349) | | EA | REF | | | | | | | | | 3-52 | A8A6E1R41 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G103KS, (81349) | | EA | REF | | | | | | | | | 3-52 | A8A6E1R42 |
| X1-D | | RESISTOR, FIXED, FILM R60D26R1F, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E1R44 |
| X1-D | | TERMINAL, STUD-GROUD AB396-1, (12615) | | EA | 6 | | | | | | | | | | A8A6E1E |
| X1-D | | SCREW, MACHINE P343-0298-00000, (77250) | | EA | 1 | | | | | | | | | | A8A6E1E1H |
| X1-D | | WASHER, SPRING TENSION 310-0074-000, (79807) | | EA | 1 | | | | | | | | | | A8A6E1E1H2 |
| X1-D | | TERMINAL, STUD-GROUND AB396-1, (12615) | | EA | REF | | | | | | | | | | A8A6E1E2 |
| X1-D | | SCREW, MACHINE P343-0298-00, (77250) | | EA | 1 | | | | | | | | | | A8A6E1E2H1 |
| X1-D | | WASHER, SPRING TENSION 310-0074-000, (79807) | | EA | 1 | | | | | | | | | | A8A6E1E2H2 |
| X1-D | | TERMINAL, STUD-GROUND AB396-1, (12615) | | EA | REF | | | | | | | | | | A8A6E1E3 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|-----|---------------------------|---------------------------------|--|--------------|---|--|--------------|---------------|---|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | X1-D | | SCREW, MACHINE: P343-0298-000; (77250) | EA | 1 | | | | | |
| X1-D | | WASHER, SPRING TENSION: 310-0074-000; (79807) | EA | 1 | | | | | | | | | | | A8A6E1E3H2 |
| X1-D | | TERMINAL, STUD-GROUND: AB396-1; (12615) | EA | REF | | | | | | | | | | | A8A6E1E4 |
| X1-D | | SCREW, MACHINE: P343-0298-000; (77250) | EA | 1 | | | | | | | | | | | A8A6E1E4H1 |
| X1-D | | WASHER, SPRING TENSION: 310-0074-000; (79807) | EA | 1 | | | | | | | | | | | A8A6E1E4H2 |
| X1-D | | TERMINAL, STUD-GROUND: AB396-1; (12615) | EA | REF | | | | | | | | | | | A8A6E1E5 |
| X1-D | | SCREW, MACHINE: P343-0298-000; (77250) | EA | 1 | | | | | | | | | | | A8A6E1E5H1 |
| X1-D | | WASHER, SPRING TENSION: 310-0074-000; (79807) | EA | 1 | | | | | | | | | | | A8A6EIE5H2 |
| X1-D | | TERMINAL, STUD-GROUND AB396-1; (12615) | EA | REF | | | | | | | | | | | A8A6L1E6 |
| X1-D | | SCREW, MACHINE: P34-3-0298-000; (77250) | EA | 1 | | | | | | | | | | | A8A6E1E6H1 |
| X1-D | | WASHER, SPRING TENSION: 310-007-400; (79807) | EA | 1 | | | | | | | | | | | A8A6E1E6H2 |
| X1-D | | TRANSISTOR: 2N703; (07688) | EA | 3 | | | | | | | | | | | A8A6E1E6H2 |
| X1-D | | TRANSISTOR: 2N703; (07688) | EA | REF | | | | | | | | | 3-52 | | A8A6E1Q8 |
| X1-D | | TRANSISTOR: 2N703; (07688) | EA | REF | | | | | | | | | 3-52 | | A8A6E1Q9 |
| P--D | 5340-157-7860 | MOUNT, RESILIENT-BASE; 549-1545-003, (13499) | EA | 1 | | | | | | | * | * | | | A8A6MP3 |
| P-H-T | 5821-019-6291 | OSCILLATOR, RADIO FREQUENCY: 549-1680-004, (13499) | EA | 1 | | | | * | * | * | * | * | 3-52 | | A8A6L2 |
| X1-D | | BOARD, TERMINAL-PRESSED: 549-1682-004; (13499) | EA | 1 | | | | | | | | | 3-52 | | A8A6E2TB1 |
| X1-D | | CAPACITOR, FIXED, MICA: 805-014X5V0103Z; (72982) | EA | 1 | | | | | | | | | 3-52 | | A8A6L2C11 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD101J03; (81349) | EA | 2 | | | | | | | | | 3-52 | | A8A6E2C6 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD101J03; (81349) | EA | REF | | | | | | | | | 3-52 | | A8A6E2C7 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15F511J300WV4CR; (72136) | EA | 2 | | | | | | | | | 3-52 | | A8A6E2C2 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15F511J300WV4CR; (72136) | EA | REF | | | | | | | | | 3-52 | | A8A6E2C4 |
| X1-D | | CAPACITOR, FIXED, MICA: 1115E102J0100WV4CR; (72136) | EA | 4 | | | | | | | | | 3-52 | | A8A6E2C3 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E102J0100WV4CR; (72136) | EA | REF | | | | | | | | | 3-52 | | A8A6E2C5 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E102J0100WV4CR; (72136) | EAR | REF | | | | | | | | | 3-52 | | A8A6E2C8 |

SECTION II

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| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|---|--|---------------------------|---|--|--------------|---------------|---------------------------------|--------------|---------------|---|-----------------------------------|----------------------|--------------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) 30 DAY DS MAINTENANCE QTY INC IN UNIT | (6) 30 DAY GS MAINTENANCE ALLOWANCE | | | (7) 1 YR ALW ALLOWANCE | | | (8) DEPOT MAINT PER 100 EQUIP CNTGCTY | (9) ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. |
| X1-D | | CAPACITOR, FIXED, MTICA DM15EIO2JO-ocWv4CR, (72136) | | EA | REF | | | | | | | | | 3-52 | A8A6E2C10 |
| X1-D | | CAPACITOR, FIXED, MICA CM05CDOIOD03, (81349) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2C9 * |
| X1-D | | CAPACITOR, FIXED, MICA CM04CDOIOD03, (81349) | | EA | REF | | | | | | | | | | A8A6E2C13* |
| X1-D | | CAPACITOR, FIXED, MICA DMIOC020DO, (14655) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2C9* |
| X1-D | | CAPACITOR, FIXED, MICA. DMTOCO20DO, (14655) | | EA | REF | | | | | | | | | | A8A6E2C13* |
| X1-D | | CAPACITOR, FIXED, MTCA DHIOC030DO, (14655) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2C9.* |
| X1-D | | CAPACITOR, FIXED, MECA DMOCO30DO, (14655) | | 'A | REF | | | | | | | | | | A8A6E2C13* |
| X1-D | | CAPACITOR, FIXED, MICA CM(4CD050D03; (81349) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2C9 * |
| X1-D | | CAPACITOR, FIXED, MICA' CMO4CDO50DO3, (81349) | | EA | REF | | | | | | | | | | A8A6E2C13* |
| X1-D | | CAPACITOR, FIXED, MTCA. CMD4CD1OOD03, (81349) | | LA | 2 | | | | | | | | | 3-52 | A8A6E2C9 * |
| X1-D | | CAPACITOR, FIXED, MICA CM04CDIOOD03, (81349) | | EA | REF | | | | | | | | | | A8A6E2C13* |
| X1-D | | CAPACITOR, FIXED, MICA CM04CD120J03, (81349) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2C9 * |
| X1-D | | CAPACITOR, FIXED, MICA CMD4CD120J03, (81349) | | EA | REF | | | | | | | | | | A8A6E2C13* |
| X1-D | | CAPACITOR, FIXED, MICA- CM04CD150J03, (81349) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2C9* |
| X1-D | | CAPACITOR, FIXED, MICA CM04DCD150J03, (81349) | | EA | E | | | | | | | | | | A8A6E2C13* |
| XI-D | | CAPACTTOR, FIXED, MTICA DM1OC022DO3, (72136) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2C9 * |
| X1-D | | CAPACITOR, FIXED, MICA DMIOC022DW3, (72136) | | EA | REF | | | | | | | | | | A8A6E2C13* |
| X1-D | | CAPACITOR, FIXED, MTCA- DMIOC024DO3, (72136) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2C9* |
| X1-D | | CAPACITOR, FIXED, MTCA DMIOC024D03, (72136) | | EA | REF | | | | | | | | | | A8A6E2C13* |
| X1-D | | CAPACITOR, FIXED, MICA DMIOC027D03, (72136) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2C9* |
| X1-D | | CAPACITOR, FIXED, MTICA. DMOC027DO3, (72136) | | EA | REF | | | | | | | | | | A8A6E2C13* |
| X1-D | | CAPACITOR, FIXED, MICA DM1OCO33DO3, (72136) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2C9* |
| X1-D | | CAPACITOR, FIXED, MICA. DMOC033D03, (72136) | | EA | REF | | | | | | | | | | A8A6E2C13* |
| XI-D | | CAPACITOR, FIXED, MICA DMIOC036D03, (72136) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2C9* |
| X1-D | | CAPACITOR, FIXED, MICA DM1OC036DO3, (72136) | | EA | REF | | | | | | | | | | A8A6E2C13* |

* SELECT PER OPERATIONAL REQUIREMENT.

SECTION II

TM 11-5820-509-35

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| X1-D | | CAPACITOR, FIXED, MICA' DMIOC039D03, (72136) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2C9 * |
| X1-D | | CAPACITOR, FIXED, MICA DMIOC039D03; (72136) | | EA | REF | | | | | | | | | | A8A6E2C13 * |
| X1-D | | CAPACITOR, FIXED, MICA. EMIOCO43D03, (72136) | | MA | 2 | | | | | | | | | 3-52 | A8A6Z2C9 8 |
| X1-D | | CAPACITOR, FIXED, MICA DMiOCOh3D03; (72136) | | EA | REF | | | | | | | | | | A8A6E2C13 * |
| X1-D | | CAPACITOR, FIXED, MICA: DMOC047D03; (72136) | | EA | 2 | | | | | | | | | 3-52 | A8A62C9 * |
| X1-D | | CAPACITOR, FIXED, MICA DM1OC0o7D03, (72136) | | EA | REF | | | | | | | | | | A8A6E2C13 * |
| X1-D | | CAPACITOR, FIXED, MICA. DMIOCO56D03; (72136) | | EA | 2 | | | | | | | | | 3-52 | A8A6Z2C9 * |
| X1-D | | CAPACITOR, FIXED, MICA: DMiOC056D03, (72136) | | EA | REF | | | | | | | | | | A8A6E2C13 * |
| X1-D | | CAPACITOR, FIXED, MICA- Dmoco66D03, (72136) | | EA | 2 | | | | | | | | | 3-52 | A8A6Z2C9 8 * |
| X1-D | | CAPACITOR, FIXED, MICA DMioco66D03, (72136) | | EA | REF | | | | | | | | | | A8F6E2C13 * |
| X1-D | | CAPACITOR, FIXED, MICA- MT1oCo68D03, (72136) | | EA | 2 | | | | | | | | | 3-52 | AA62C9 * |
| X1-D | | CAPACITOR, FIXED, MTCA- DMOC068D03; (72136) | | EA | REF | | | | | | | | | | AaA6f2C13 8 |
| X1-D | | CAPACITOR, FIXED, MTCA: DMIOC075D03; (72136) | | EA | 2 | | | | | | | | | 3-52 | A8A6Z2C9 * |
| X1-D | | CAPACITOR, FIXED, MICA- DMiOC075D03, (72136) | | A | REF | | | | | | | | | | A8A6E2C13 * |
| X1-D | | CAPACITOR, FIXED, MICA- DMIOC082D03, (72136) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2C9 * |
| X1-D | | CAPACITOR, FIXED, MICA. DM10Co82D03, (72136) | | EA | REF | | | | | | | | | | A8A6E2C13 * |
| X1-D | | CAPACITOR, FIXED, MICA: DMTOCO91D03; (72136) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2C9 * |
| X1-D | | CAPACITOR, FIXED, MICA- DMIOCO91D03; (72136) | | EA | RF | | | | | | | | | | A8A6E2C13 * |
| X1-D | | CAPACITOR, VARIABLE, GLASS 682268, (19644) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2C1 |
| X1-D | | CAPACITOR, VOLTAGE, VARIABLE: hN4795B, (01281) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2C12 |
| X1-D | | COIL, RADIO FREQUENCY- LTIOK003; (81349) | | EA | 1 | | | | | | | | | 3-52 | AaA6E2LI |
| X1-D | | COIL, RADIO FREQUENCY: LTIOK029, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6Z2L2 |
| X1-D | | OSCILLATOR, SUBASSEMBLY 756-7606-003, (13499) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2AI |
| XI-D | | RESISTOR, FIXED, CDNPOSITION RCR07G221KS, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2R17 |
| X1-D | | RESISTOR, FIXED, COMPOSITION. RCR07G56iKS, (813h9) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2R13 |
| * SELECT PER OPERATIONAL REQUIREMENT. | | | | | | | | | | | | | | | |

SECTION II

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| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|---|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G222KS, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2R16 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G472MS, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2R12 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07GC1003KS, (FP3L49) | | EA | L | | | | | | | | | 3-52 | A8A6ECR1C |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G103KS, (81349) | | EA | REF | | | | | | | | | 3-52 | A8A6ERIII |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G103KS, (81349) | | EA | REF | | | | | | | | | 3-52 | A8A6E2R'L |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07C1003KS, (81349) | | EA | REF | | | | | | | | | 3-52 | A8A6E2R15 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCRO7Gh7hKS, (81349) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2R5 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCRO7G474KS, (81349) | | EA | REF | | | | | | | | | 3-52 | A8A6E2R6 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RN60D3830F, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2R18 * |
| X1-D | | RESISTOR, FIXED, FILM RN60D4220F, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2R18 " |
| X1-D | | RESISTOR, FIXED, FILM RN60D6L40F, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2R18 ' |
| X1-D | | RESISTOR, FIXED, FILM RN60D5110F, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2R18 - |
| X1-D | | RSISTOR, FIXED, FILM RN60D5620F, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2R18 * |
| X1-D | | RESISTOR, FIXED, FILM RN60DD102F, (81349) | | EA | 2 | | | | | | | | | 3-52 | A8A6E2R7 |
| X1-D | | RESISTOR, FIXED, FILM RN60D1002F, (81349) | | EA | REF | | | | | | | | | 3-52 | A8A6E2R8 |
| X1-D | | RESISTOR, FIXED, FILM: RP60D2152F, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2R9 |
| X1-D | | RESISTOR, FIXED, FILM RF60D6813F, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2Rb4 |
| X1-D | | RESISTOR, FIXED, FILM RN60D9093F, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2RL * |
| X1-D | | RESISTOR, FIXED, FILM RN65D1L74F, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2R4 * |
| X1-D | | RESISTOR, FIXED, FILM RN65D1964F, (81349) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2Rb - |
| X1-D | | RESISTOR, VARIABLE, COMPOSITION 3051P1-105, (80294) | | EA | 1 | | | | | | | | | 3-52 | A8A6E2R1 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON 68-1660-26, (72962) | | EA | 2 | | | | | | | | | | A8A6E2R1H1 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON 68-1660-26, (72962) | | EA | REF | | | | | | | | | | A8A6E2R1H2 |
| X1-D | | SCREW, MACHINE P343-0301-000, (77250) | | EA | 2 | | | | | | | | | | A8A6E2R1H3 |
| X1-D | | SCREW, MACHINE P343-0301-000, (77250) | | EA | REF | | | | | | | | | | A8A6E2R1H4 |
| * SELECT PER OPERATIONAL REQUIREMENT | | | | | | | | | | | | | | | |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|----|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|---|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| XI-D | | RESISTOR, VARIABLE, WIRE WOUND. 224P1-503, (80294) | EA | 2 | | | | | | | | | | 3-52 | A8A6E2R2 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON. 68-1660-26; (72962) | EA | 2 | | | | | | | | | | | A8A6E2R2H1 |
| XI-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26; (72962) | EA | REF | | | | | | | | | | | A8A6E2R2H2 |
| X1-D | | SCREW, MACHINE: P343-0361-000, (77250) | EA | 2 | | | | | | | | | | | A8A6E2R2H3 |
| X1-D | | SCREW, MACHINE. P343-0361-000; (77250) | EA | RKF | | | | | | | | | | | A8A6E2RH4 |
| X1-D | | RESISTOR, VARIABLE, WRE WOUND: 224P1-503; (80294) | EA | REF | | | | | | | | | | | A8A6E2R3 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 111821A; (87688) | EA | 2 | | | | | | | | | 3-52 | A8A6E2CRI | |
| XI-D | | SEMICONDUCTOR DEVICE, DIODE: 111821A, (07688) | EA | REF | | | | | | | | | 3-52 | A8A6E2CR2 | |
| X1-D | | TRANSISTOR: 21703; (07688) | EA | 3 | | | | | | | | | 3-52 | A8A6E2Q1 | |
| X1-D | | TRAIISISTOR: 2r703; (o7688) | EA | REF | | | | | | | | | 3-52 | A8A6E2q2 | |
| X1-D | | TRANSISTOR 2w703; (07688) | EA | REF | | | | | | | | | 3-52 | A8A6E2Q3 | |
| P-H-T | 5820-087-3440 | OSCILLATOR SUBASSEMBLY, FRAME 549-1552-00o, (13499) | EA | 1 | | | | * | * | * | * | * | 3-13 | A8A6Ai | |
| P-D | 5910-9h5-0313 | CAPACITOR, FIXED, CERAMIC: CK13AX222M, (81349) | EA | 1 | | | | | | | * | * | 3-53 | A8A6AIC22 | |
| P-D | 5910-102-1346 | CAPACITOR, FIXED, CERAMIC: CK12BX472K; (81349) | EA | 3 | | | | | | | * | * | 3-53 | A8A6AIC18 | |
| P-D | 5910-102-1346 | CAPACITOR, FIXED, CERAIIIC: CK12BX472K; (81349) | EA | REF | | | | | | | REF | REF | 3-53 | A8A6A1C23 | |
| P-D | 5910-102-1346 | CAPACITOR, FIXED, CERAMIC: CK12BX472K; (81349) | EA | REF | | | | | | | REF | REF | 3-53 | A8A6A1C26 | |
| P-D | 5910-726-5003 | CAPACITOR, FIXED, ELECTROLYTIC: 150D10SXO35A2, (56289) | EA | 2 | | | | | | | REF | REF | 3-53 | A8A6AiC36 | |
| P-D | 5910-726-5003 | CAPACITOR, FIXED, ELECTROLYTIC 150D105XOO35A2, (56289) | EA | REF | | | | | | | REF | REF | 3-53 | A8A6AiC39 | |
| P-D | 5910-901-6105 | CAPACITOR, FIXED, FILM 192P4729R8, (56289) | EA | 2 | | | | | | | * | * | 3-53 | A8A6AIC15 | |
| P-D | 5910-901-6105 | CAPACITOR, FIXED, FILM. 192P4729R8; (56289) | EA | REF | | | | | | | REF | REF | 3-53 | A8A6AIC16 | |
| P-D | 5910-844-0905 | CAPACITOR, FIXED, MICA: CM05FDIOJ03, (81349) | EA | 2 | | | | | | | REF | RFF | 3-53 | A8A6AIC17 | |
| P-D | 5910-844-0905 | CAPACITOR, FIXED, MICA: C05FD101J03; (81349) | EA | REF | | | | | | | REF | REF | 3-5- | A8A6AIC19 | |
| P-D | 5910-460-0869 | CAPACITOR, FIXED, MICA: CM05FD221J03, (81349) | EA | 1 | | | | | | | REF | REF | 3-53 | A8A6AiC40 | |
| P-D | | CAPACITOR, FIXED, MICA DM15F511J300W4CR, (72136) | EA | 2 | | | | | | | REF | REF | 3-53 | A8A6A1C13 | |
| P-D | | CAPACITOR, FIXED, MICA DM15F511J300WV4CR, (72136) | EA | REF | | | | | | | REF | REF | 3-53 | A8A6A1C21 | |

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| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|---|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P-D | 5910-903-6144 | CAPACITOR, FIXED, MIICA CMO6FD162Jo3, (81349) | | EA | 1 | | | | | | | * | * | 3-53 | A8A6AIC24 |
| M-D | CHASSIS, ELECT | TRICAL EQUIPMENT 549-1555-005, (13499) | | EA | 1 | | | | | | | | | 3-53 | A8AbALAI |
| P-D | 5935-806-2688 | JACK, TIP 72-140-1, (12615) | | EA | 1 | | | | | | | * | * | 3-2 | A8A6AIAIJ1 |
| P-D | 5935-432-6472 | JACK, TIP, 72-1140-2, (12615) | | EA | 1 | | | | | | | * | * | 3-12 | A8A6AIA1J2 |
| P-D | 5935-432-6473 | JACK, TIP. 72-140-3, (12615) | | EA | 1 | | | | | | | * | * | 3-53 | A8A6AIAIJ3 |
| P-D | 5935-432-474 | JACK, TIP- 72-140-4, (12615) | | EA | 1 | | | | | | | * | * | 3-53 | A8A6AIA1J4 |
| P-D | 5950-828-1336 | COIL, RADIO FREQUENCY LTIOK010, (81349) | | EA | 1 | | | | | | | * | * | 3-53 | A8A6ALL5 |
| P-D | 5950-994-6600 | COIL, RADIO FREQUENCY LT1OK020, (81349) | | EA | 1 | | | | | | | REF | REF | 3-53 | A8A6A1L3 |
| P-D | 5950-893-8650 | COIL, RADIO FREQUENCY- LTIOK036, (81349) | | EA | 1 | | | | | | | * | * | 3-53 | A8A6A1L4 |
| P-D | 5950-070-7641 | COIL, RADIO FREQUENCY LTIOK060, (81349) | | EA | 1 | | | | | | | REF | REF | 3-53 | ASA6A1L6 |
| P-D | 5325-174-5317 | GROC, RUBBER MS14S35489-4, (96906) | | EA | 4 | | | | | | | REF | REF | 3-53 | A8A6AIHI |
| P-D | 5325-174-5317 | GROHMET, RUBBER MS35489-4, (96906) | | EA | REF | | | | | | | REF | REF | 3-53 | A8A6AH2 |
| P-D | 5325-174-5317 | GR ONET, RUBBER NS35489-4, (96906) | | EA | REF | | | | | | | REF | REF | 3-53 | A8A6AIH3 |
| P-D | 5325-174-5317 | GROHMET, RUBBER- NS 35489-4, (96906) | | EA | REF | | | | | | | REF | REF | | A8A6AIH4 |
| P-D | 5905-825-2360 | RESISTOR, FIXED, CCMPOSITION RCR07G221KS, (81349) | | EA | 1 | | | | | | | REF | REF | 3-53 | A8A6AiR45 |
| P-D | | RESISTOR, FIXED, CPOSITION- RCR07G222KS, (81349) | | EA | 1 | | | | | | | REF | REF | 3-53 | A8A6AiR29 |
| P-D | | RESISTOR, FIXED, COMPOSITION: RCR07G272KS, (81349) | | EA | 1 | | | | | | | REF | REF | 3-53 | A8A6AiR25 |
| P-D | | RESISTOR, FIXED, COHPOSITION. RCR07G332KS, (81349) | | EA | 2 | | | | | | | * | * | 3-53 | A8A6A1R24 |
| P-D | | RESISTOR, FIXED, COMPOSITION RCR07G332KS, (81349) | | EA | REF | | | | | | | REF | REF | 3-53 | A8A6AiR33 |
| P-D | | RESISTOR, FIXED, COMPOSITION: RCR07c472KS; (81349) | | EA | 2 | | | | | | | REF | REF | 3-53 | A8A6A1R26 |
| P-D | | RESISTOR PIXED, COMPOSITION RCR764,72KS, (81349) | | EA | REF | | | | | | | REF | REF | 3-53 | A8A6A1R27 |
| P-D | 5905-816-8554 | RESISTOR, FIXED, CCMPOSITION RCR07G103KS, (8139) | | EA | 4 | | | | | | | REF | REF | 3-53 | A8A6A1R23 |
| P-D | 5905-816-8554 | RESISTOR, FIXED, COMPOSITION RCR07GI03KS, (81349) | | EA | REF | | | | | | | REF | REF | 3-53 | A8A6A1R28 |
| P-D | 5905-816-8554 | RESISTOR, FIXED, CC4POSITION: RCR07G103KS, (81349) | | EA | REF | | | | | | | REF | REF | 3-53 | A8A6AiR31 |
| P-D | 5905-816-8554 | RESISTOR, FIXED, COKPOSITION. RCR07G103KS, (81349) | | EA | REF | | | | | | | REF | REF | 3-53 | A8A6A1R32 |

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TM 11-5820-509-35

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P-D | 5910-702-3517 | TERMIAl, STUD-GROUND. AB396-1; (12615) | | EA | 5 | | | | | | | * | * | | A8A6A1E1 |
| P-D | | SCREW, MACHINE P343-298-000, (77250) | | EA | 1 | | | | | | | * | * | | A8A6A1iEH1 |
| P-D | 5310-981-2255 | WASHER, SPRING TENSION. 310-0074-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A6A1EIH2 |
| P-D | 5940-702-3517 | TERMIAl, STUD-GROUND: AB396-i, (12615) | | EA | REF | | | | | | | REF | REF | | A8A6A1E2 |
| P-D | | SCREW, MACHINE P343-0298-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A6E2li |
| P-D | 5310-981-2255 | WASHER, SPRING TENSION 310-0074-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A6A1E2H2 |
| P-D | 5940-702-3517 | TERMIAl, STUD-GROUND AB396-1, (12615) | | EA | REF | | | | | | | REF | REF | | A8A6AIE3 |
| P-D | | SCREW, MACHINE- P343-0829-00, (77250) | | EA | 1 | | | | | | | REF | REF | | AAk6AIE3N1 |
| P-D | 5310-981-2255 | WASHER, SPRING TENSION 310-0074-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A6AIE3H2 |
| P-D | 5940-702-3517 | TERMIAl, STUD-GROUND AB396-1, (12615) | | EA | REF | | | | | | | REF | REF | | AaA6A1E4 |
| P-D | | SCREW, MACHINE- P3h3-0298-000, (77250) | | EA | 1 | | | | | | | REF | REF | | ABA6AIEbH1 |
| P-D | 5310-981-2255 | WASHER, SPRING TENSION. 310-0074-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A6AE4H2 |
| P-D | 5940-702-3517 | TERMIAl, STUD-GROUD AB39-1; (12615) | | EA | REF | | | | | | | REF | REF | | A8A6A1E5 |
| P-D | | SCREW, MACHINE P343-0298-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A6A1ESHI |
| P-D | 5310-981-2255 | WASHER, SPRING TENSION 310-0074-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A&A6A1ESH2 |
| P-D | | TRANSISTOR- 2N703; (07688) | | EA | 3 | | | | | | | REF | REF | 3-53 | A8A6A1Qh |
| P-D | | TRANSISTOR 2N7D03, (07688) | | EA | REF | | | | | | | REF | REF | 3-53 | A8A6A1Q5 |
| P-D | | TRANSISTOR. 2N703, (07688) | | EA | REF | | | | | | | REF | REF | 3-53 | A8A6A1Q6 |
| P-D | | RESISTOR, FIXED, COMPOSITION RCR07G272KS; (81349) | | EA | 3 | | | | | | | REF | REF | 3-53 | ABA6R30 * |
| P-D | | RESISTOR, FIXED, COMPOSITION RCRO7G272KS, (813b9) | | EA | PEPF | | | | | | | REF | REF | | A8A6R45 * |
| P-D | | RESISTOR, FIXED, COMPOSITION RCR07G272KS; (813h9) | | EA | REF | | | | | | | REF | REF | | ABA6R46 * |
| P-D | | RESISTOR, FIXED, COWMOSITION RCRO7G332KS; (81349) | | EA | 3 | | | | | | | REF | REF | | A8A6R30 * |
| P-D | | RESISTOR, FIXED, COMPOSITION RCRo7G332XS; (813b9) | | EA | REF | | | | | | | REF | REF | | A83A6R45 * |
| P-D | | RESISTOR, FIXED, COMPOSITION RCRO7G332KS, (813L9) | | EA | REF | | | | | | | REF | REF | | A8A6R46 * |
| P-D | | RESISTOR, FIXED, COMPOSITION RCRB7G392KS; (81349) | | EA | 3 | | | | | | | REF | REF | | A8A6R30 * |

* SELECT PER OPERATIONAL REQUIREMENT.

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5905-070-9391 | RESISTOR, FIXED, COMPOSITION RCRO7G392KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6R45 * |
| P-D | 5905-070-9391 | RESISTOR., FIXED, COMPOSITION: RCRO7G392KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6R46 * |
| P-D | 5905-752-3340 | RESISTOR, FIXED, COMPOSITION. RCRO7G472KS, (81349) | | EA | 3 | | | | | | | REF | REF | | A8A6R0 * |
| P-D | 5905-752-3340 | RESISTOR, FIXED, COMPOSITION RCRO7G472KS; (81349) | | EA | REF | | | | | | | REF | REF | | A8A6R5 * |
| P-D | 5905-752-3340 | RESISTOR, FIXED, COMPOSITION. RCRO7C472KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6R46 * |
| P-D | 5905-070-9392 | RESISTOR, FIXED, COMPOSITION. RCRO7G562KS, (81349) | | EA | 3 | | | | | | | REF | REF | | A8A6R30 * |
| P-D | 5905-070-9392 | RESISTOR, FIXED, COMPOSITION- RCRO7G562KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6RS5 * |
| P-D | 5905-070-9392 | RESISTOR, FIXED, COMPOSITION- RCRO7G562KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6R46 * |
| P-D | | RESISTOR, FXED, COMPOSITION- RCRo7C682KS, (81349) | | EA | 3 | | | | | | | * | * | | A8A6R30 * |
| P-D | | RESISTOR, FIXED, COMPOSITIOD: RCRO7G682Ks, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6Rb45 * |
| P-D | | RESISTOR, FIXED, COMPOSITIOD- RCRO7G682Ks, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6R46 * |
| P-D | 5905-834-9874 | RESISTOR, FIXED, COMPOSITION RCRO7C822Ks, (81349) | | EA | 3 | | | | | | | REF | REF | | A8A6R30 * |
| P-D | 5905-834-9874 | RESISTOR, FIXED, COMPOSITION RCR7CG822KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6R45 * |
| P-D | 5905-834-9874 | RESISTOR, FIXED, COMPOSITION. RCRo7c822Ks, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6R46 * |
| P-D | 5905-816-8554 | RESISTOR, FIXED, COMPOSITION- RCRo7GIO3Ks; (81349) | | EA | 3 | | | | | | | REF | REF | | A8A6R30 * |
| P-D | 5905-816-8554 | RESISTOR, FIXED, COMPOSITION' RCRO7GC103KS, (813b9) | | EA | REF | | | | | | | REF | REF | | A8A6R4S * |
| P-D | 5905-816-8554 | RESISTOR, FIXED, COMPOSITION- RCRO7G103KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6R46 * |
| P-D | | RESISTOR, FIXED, COMPOSITION RCRO7G123KS, (81349) | | EA | 3 | | | | | | | REF | REF | | A8A6R30 * |
| P-D | | RESISTOR, FIXED, COMPOSITION- RCRO7G123KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6Rb5 * |
| P-D | | RESISTOR, FIXED, COMPOSITION RCRO7123KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6R46 * |
| P-D | | RESISTOR, FIXED, COMPOSITION' RCR7GC153KS, (81349) | | EA, | 3 | | | | | | | * | * | | A8A6R30 * |
| P-D | | RESISTOR, FTXED, COMPOSITION. RCRO7G153KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6R45 * |
| P-D | | RESISTOR, FIXED, COMPOSITION RCRO7G153KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6Rb6 * |
| P-D | | RESISTOR, FIXED, COMPOSITION RCRO7G183KS; (81349) | | EA | 3 | | | | | | | REF | REF | | A8A6R30 * |
| P-D | | RESISTOR, FIXED, COMPOSITION RCRO7G183KS, (81349) | | EA | REF | | | | | | | * | * | | ASA6R4S * |

* SELECT PER OPERATIONAL REQUIREMENT.

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|---|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5905-838-6599 | RESISTOR, FIXED, COMPOSITION RCR07G183KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6R46 * |
| P-D | 5905-824-1729 | RESISTOR, FIXED, COMPOSITION RCR07G223KS, (813L9) | | EA | 3 | | | | | | | REF | REF | | A8A6R30 * |
| P-D | 5905-824-1729 | RESISTOR, FIXED, COMPOSITION RCR07G223KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6RB5 * |
| P-D | 5905-824-1729 | RESISTOR, FIXED, COMPOSITION. RCR07G223KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6R46 * |
| P-D | | RESISTOR, FIXED, COMPOSITION: RCR07G273KS, (81349) | | EA | 3 | | | | | | | REF | REF | | A8A6R30 * |
| P-D | | RESISTOR, FIXED, COMPOSITION. RCR07G273KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6R45 * |
| P-D | | RESISTOR, FIXED, COMPOSITION RCR07G273KS, (81349) | | EA | REF | | | | | | | REF | REF | | A8A6R46 * |
| P-D | 5940-702-3517 | TERMINAL, STUD-GROUND AB396-1, (12615) | | EA | 1 | | | | | | | REF | REF | | A8A6E3 |
| P-H-S | 5820-960-7845 | TRANSLATOR, SIGNAL DATA: CV1377APRC47, (80058) | | EA | 1 | | | | * | * | * | * | * | 3-4 | A8A3 |
| P-H-T | 5820-975-5432 | AMPLIFIER, RADIO FREQUENCY 549-5984-003, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-10 | A8A3E46 |
| P-D | 5305-054-5636 | SCREW, MACHINE MS51957-2; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A3E46H2 |
| X1-D | | BOARD, PRINTED CIRCUIT. 549-5982-003, (13499) | | EA | 1 | | | | | | | | | 3-37 | A8A3E46E1 |
| X1-D | | COIL, RADIO FREQUENCY- 4422-11-117; (82142) | | EA | 1 | | | | | | | | | 3-37 | A8A3E46L102 |
| X1-D | | CAPACITOR, FIXED, CERAMIC CK14BX223M, (81349) | | EA | 2 | | | | | | | | | 3-37 | A8A3E46C276 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CK14BX223M; (81349) | | EA | REF | | | | | | | | | 3-37 | A8A3E46C281 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6s8o83, (56289) | | EA | 4 | | | | | | | | | 3-37 | A8A3E46C247 |
| X1-D | | CAPACITOR, FIXED, CERAMIC. 6S8083, (56289) | | EA | REF | | | | | | | | | 3-37 | A8A3E46C269 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8083, (56289) | | EA | REF | | | | | | | | | 3-37 | A8A3E46C272 |
| X1-D | | CAPACITOR, FIXED, CERAMIC- 6S8083, (56289) | | EA | REF | | | | | | | | | 3-37 | A8A3E46c275 |
| X1-D | | CAPACITOR, FIXED, MICA CMDSCDOSD0W3; (81349) | | EA | 1 | | | | | | | | | 3-37 | A8A3E46C280 |
| X1-D | | CAPACITOR, FIXED, MICA. CMJ5FDIO1JO3, (81349) | | EA | 3 | | | | | | | | | 3-37 | A8A3Eh6C246 |
| X1-D | | CAPACITOR, FIXED, MICA- CMDSFDIO1JO3, (81349) | | EA | REF | | | | | | | | | 3-37 | A8A3E46C268 |
| X1-D | | CAPACITOR, FIXED, MICA- CM5FD101JO3, (81349) | | EA | REF | | | | | | | | | 3-37 | A8A3E46C271 |
| X1-D | | CAPACIT6R, FIXED, MICA CM05DFD181JO3, (81349) | | EA | 2 | | | | | | | | | 3-37 | A8A3E46C270 |
| X1-D | | CAPACITOR, FIXED, MICA CM05FD181JO3, (81349) | | EA | REF | | | | | | | | | 3-37 | A8A3E46C273 |

* SELECT PER OPERATIONAL REQUIREMENT.

SECTION II

TM 11-5820-509-35

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, MICA. DM15F471J300WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-37 | A8A3E46C274 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G121KS, (81349) | | EA | 3 | | | | | | | | | 3-37 | A8A3E46R125 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G121KS, (81349) | | EA | REF | | | | | | | | | 3-37 | A8A3E46R130 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G121KS, (81349) | | EA | REF | | | | | | | | | 3-37 | A8A3E46R135 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCRO7CG331KS, (81349) | | EA | 1 | | | | | | | | | 3-37 | A8A3E46R134 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07GC1002KS, (81349) | | EA | 6 | | | | | | | | | 3-37 | A8A3E46R119 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07C10cKS, (81349) | | EA | REF | | | | | | | | | 3-37 | A8A3E462 |
| Xi-D | | RESISTOR, FIXED, COMPOSITION RCR07G102KS, (81349) | | EA | REF | | | | | | | | | 3-37 | A8A3E46R124 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G102KS, (81349) | | EA | REF | | | | | | | | | 3-37 | A8A3E46R128 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCRO7GIO2KS; (81349) | | EA | REF | | | | | | | | | 3-37 | A8A3E46R129 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G102KS, (81349) | | EA | REF | | | | | | | | | 3-37 | A8A3E46R133 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07GC153KS; (81349) | | EA | 1 | | | | | | | | | 3-37 | A8A3E46R120 |
| X1-D | | RESISTOR, FIXED, COMPOSITION. RCR07G223KS, (81349) | | EA | 2 | | | | | | | | | 3-37 | A8A3E46R122 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G223KS, (81349) | | EA | REF | | | | | | | | | 3-37 | A8A3E46R132 |
| X1-D | | RESISTOR, FIXED, COMPOSITION- RCRO7CG822KS, (81349) | | EA | 1 | | | | | | | | | 3-37 | A8A3E46R127 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G273KS, (81349) | | EA | 3 | | | | | | | | | 3-37 | A8A3E46R121 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G273KS, (81349) | | EA | RE2 | | | | | | | | | 3-37 | A8A3E46R126 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07C273KS, (81349) | | EA | REF | | | | | | | | | 3-37 | A8A3E46R131 |
| X1-D | | TRANSISTOR 2N703, (07688) | | EA | 4 | | | | | | | | | 3-37 | A8A3E46Q16 |
| X1-D | | TRANSISTOR 2N703, (07688) | | EA | REF | | | | | | | | | 3-37 | A8A3E46Q17 |
| X1-D | | TRANSISTOR 2N703, (07688) | | EA | REF | | | | | | | | | 3-37 | A8A3E46Q18 |
| X1-D | | TRANSISTOR 2N703, (07688) | | EA | REF | | | | | | | | | 3-37 | A8A3E46Q19 |
| P-H-T | 5820-975-5430 | AMPLIFIER, RADIO FREQUENCY 549-5996-oo00, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-9 | A8A3E47 |
| X1-D | | BOARD, PRINTED CIRCUIT 549-5995-004, (13499) | | EA | 1 | | | | | | | | | 3-38 | A8A3E47E1 |
| X1-D | | CAPACITOR, FIXED, CERAMIC CK14BX223M, (81349) | | EA | 2 | | | | | | | | | 3-38 | A8A3E47C144 |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, CERAMIC CK14BX223M; (81349) | | A | REF | | | | | | | | | 3-38 | A8A3E47C153 |
| X1-D | | CAPACITOR, FIXED, CERAMIC 6S8083, (56289) | | EA | 13 | | | | | | | | | 3-38 | A8A3E47C142 |
| X1-D | | CAPACITOR, FIXED, CERLMIC- 6S8083, (56289) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C143 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8083, (56289) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C150 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8083, (56289) | | EA | REF | | | | | | | | | 3-38 | A8A3Eh7C151 |
| X1-D | | CAPACITOR, FIXED, CERAMIC. 6S8083, (56289) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C154 |
| X1-D | | CAPACITOR, FIXED, CERAMIC. 6S8083; (56289) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C156 |
| X1-D | | CAPACITOR, FIXED, CERAMC- 6S8083, (56289) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C158 |
| X1-D | | CAPACITOR, FIXED, CERAMIC 6S8083, (56289) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C159 |
| X1-D | | CAPACITOR, FIXED, CERAMIC 6S8083, (56289) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C160 |
| X1-D | | CAPACITOR, FIXED, CERAMIC 6S8083, (56289) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C161 |
| X1-D | | CAPACITOR, FIXED, CERAMIC 6S8083, (56289) | | EA | REF | | | | | | | | | 3-38 | A8A3Eh7C177 |
| X1-D | | CAPACITOR, FIXED, CERAMIC 6S8083, (56289) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C178 |
| X1-D | | CAPACITOR, FIXED, CERAMIC- 6S8083, (56289) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C183 |
| X1-D | | CAPACITOR, FIXED, MICA- CM05SD200J03, (81349) | | EA | 1 | | | | | | | | | 3-38 | A8A3Eh7C180 |
| X1-D | | CAPACITOR, FIXED, M CM05CDIOD0D3, (81349) | | EA | 1 | | | | | | | | | 3-38 | A8A3E47C165 |
| X1-D | | CAPACITOR, FIXED, MICA CMD5FD391J03, (81349) | | EA | 1 | | | | | | | | | 3-38 | A8A3E47C148 |
| X1-D | | CAPACITOR, FIXED, MICA. DM15F511J300OwVCR, (72136) | | EA | 8 | | | | | | | | | 3-38 | A8A3E47C145 |
| X1-D | | CAPACITOR, FIXED, MICA DM15F511J300WV4hCR; (72136) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C147 |
| X1-D | | CAPACITOR, FIXED, MICA DM15F511j300Ov4CR; (72136) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C149 |
| X1-D | | CAPACITOR, FIXED, MICA- DM15F511J300WVhCR; (72136) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C152 |
| X1-D | | CAPACITOR, FIXED, MICA DM5F511J30WVh4CR, (72%36) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C155 |
| XL-D | | CAPACITOR, FIXED, MICA DM15F511J30OwV4CR, (72136) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C157 |
| X1-D | | CAPACITOR, FIXED, MICA. DM15F511J300WV4CR, (72136) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C176 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15F511J300WV4CR; (72136) | | EA | REF | | | | | | | | | 3-38 | A8A3E47C181 |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| XL-D | | JACK, TIP 105-734-100; (74970) | | EA | 1 | | | | | | | | | 3-38 | A8A3E47J5 |
| X1-D | | JACK, TIP: 105-740-100, (74970) | | EA | 1 | | | | | | | | | 3-38 | A8A3E47J6 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G270KS, (81349) | | EA | 2 | | | | | | | | | 3-38 | ABA3E47R24 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G270KS, (81349) | | EA | REF | | | | | | | | | 3-38 | ABA3E47R30 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07C101KS, (81349) | | EA | 1 | | | | | | | | | 3-38 | A8A3E47R41 |
| X1-D | | RESISTOR, FI-XED, COMPOSITION RCR07C121KS; (81349) | | EA | 3 | | | | | | | | | 3-38 | A8A3E47R43 |
| X1-D | | RESISTOR, FIXED, COMPOSITION. RCR07G121KS; (81349) | | EA | RE | | | | | | | | | 3-38 | ABA3E47R57 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR7OG121KS, (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3E47RI19 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G331KS, (81349) | | EA | 1 | | | | | | | | | 3-38 | A8A3E47R143 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCRO7G561KS, (81349) | | EA | 5 | | | | | | | | | 3-38 | A8A3E47R28 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G561KS, (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3E47R37 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G561KS, (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3E47Rs4 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCRO7G561KS, (81349) | | EA | REF | | | | | | | | | 3-38 | ABA3E47R139 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G561KS, (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3E47R144 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G821KS, (81349) | | EA | 1 | | | | | | | | | 3-38 | A8A3E47R42 |
| X1-D | | RESISTOR, FIXFD, COMPOSITION- RCRO7G1021S, (81349) | | EA | 7 | | | | | | | | | 3-38 | A8A3E47R34 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G102KS, (81349) | | EA | REX | | | | | | | | | 3-38 | A8A3E47R46 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07GIO2KS, (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3E47R47 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCRO7G102KS, (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3E47R50 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G102KS; (81349) | | EA | RE | | | | | | | | | 3-38 | ABA3E47R51 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCRD7G102KS, (81349) | | EA | REF | | | | | | | | | 3-38 | ABA3E47R55 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G102KS, (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3E47R138 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCRO7G222KS, (81349) | | EA | 2 | | | | | | | | | 3-38 | A8A3E47R29 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G222KS, (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3E47R32 |
| XL-D | | RESISTOR, FIXED, COMPOSITION RCR07G332KS, (81349) | | EA | 1 | | | | | | | | | 3-38 | A8A3E47R36 |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|---|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) | (b) |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | FIG NO. | ITEM NO. OR REFERENCE DESIGNATION |
| X1-D | | RESISTOR, FIXED, COMPOSITION. RCR07G472S, (81349) | | EA | 1 | | | | | | | | | 3-38 | A8A3E47R142 |
| XI-D | | RESISTOR, FIXED, COMPOSITION: RCR07G682KS, (e13h9) | | EA | 1 | | | | | | | | | 3-38 | A8A3E47R39 |
| X1-D | | RESISTOR, FIXED, COMPOSITION. RCRo7C822KS; (813h9) | | EA | 3 | | | | | | | | | 3-38 | A8A3Eh7Rh0 |
| XI-D | | RESISTOR, FIXED, COMPOSTION: RCRo7c822KS; (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3E47Rh5 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G822KS, (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3E47R4g |
| XI-D | | RESISTOR, FIXED, CODPOSITION: RCR07GIO3KS; (813h9) | | EA | 4 | | | | | | | | | 3-38 | A8A3Eh7R25 |
| XI-D | | RESISTOR, FIXED, COMPOSITION: RCR07G103KS; (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3E47Rh4 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07CG03KS; (81349) | | FA | RF | | | | | | | | | 3-38 | A8A3E47R48 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G103KS, (813h9) | | EA | REF | | | | | | | | | 3-38 | A8A3E47R56 |
| XI-D | | RESISTOR, FIXED, COMPOSITION: RCR07G123KS; (8134 9) | | EA | 7 | | | | | | | | | 3-38 | A8A3E47R31 |
| X1-D | | RESISTOR, FIXED, CODPOSITION: RCR07G123KS; (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3Eh7R35 |
| X1-D | | RESISTOR, FIXED, COMPOSITION. RCRD7G123KS, (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3Eh7R52 |
| X1-D | | RESISTOR, FIXED, COMPOSITION- RCR07G123KS, (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3Eh7R53 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G123KS; (813h9) | | EA | REF | | | | | | | | | 3-38 | A8A3E47R136 |
| XI-D | | RESISTOR, FIXED, COMPOSITION- RCR07G123KS; (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3Eb7R137 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G173KS; (813h9) | | EA | REF | | | | | | | | | 3-38 | A8A3E47R1 |
| X1-D | | RESISTOR, FIXED, COMPOSITIOB- RCR07G?21KS; (81349) | | EA | 2 | | | | | | | | | 3-38 | A8A3E47R26 |
| X1-D | | RESJSTOR, FIXED, COMPOSITION RCR07G?23XS; (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3E47R27 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07C333KS, (813b9) | | EA | 2 | | | | | | | | | 3-38 | A8A3E47RI40 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G333KS; (813h9) | | EA | REF | | | | | | | | | 3-38 | AA3E47RI45 |
| X1-D | | RESISTOR, FIXED, FILM Rn60D1960F; (81349) | | EA | 2 | | | | | | | | | 3-38 | A8A3E47R33 |
| X1-D | | RESISTOR, FIXED, FILM. RN6,DJ960F, (81349) | | EA | REF | | | | | | | | | 3-38 | A8A3E47R38 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE- 16645; (07688) | | EA | 2 | | | | | | | | | 3-38 | A8A3E47CR5 |
| XI-D | | SEMICONDUCTOR DEVICE, DIODE 1N6h5, (o7688) | | EA | REF | | | | | | | | | 3-38 | A8A3E47CR6 |
| XJ-D | | TRANSISTOR. 2N703, (07688) | | EA | 7 | | | | | | | | | 3-38 | A8A3E47Q2 |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|---|---|----------------------|---|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) | (b) |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | FIG NO. | ITEM NO. OR REFERENCE DESIGNATION |
| X1-D | | TRANSISTOR: 2N703, (07688) | | EA | REF | | | | | | | | | 3-38 | ABA3E47QS |
| X1-D | | TRANSISTOR: 2N703, (07688) | | EA | REF | | | | | | | | | 3-38 | A8A3E47Q6 |
| X1-D | | TRANSISTOR 2N703, (07688) | | EA | REF | | | | | | | | | 3-38 | A8A3E47Q7 |
| X1-D | | TRANSISTOR. 2N703; (07688) | | EA | REF | | | | | | | | | 3-38 | A8A3E47Q8 |
| X1-D | | TRANSISTOR: 2N703; (07688) | | EA | REF | | | | | | | | | 3-38 | ABA3E47Q12 |
| X3-D | | TRANSISTOR: 2N703, (07688) | | EA | REF | | | | | | | | | 3-38 | A8A3E47Q13 |
| X1-D | | TRANSISTOR: MM2181, (04713) | | EA | 2 | | | | | | | | | 3-38 | A8A3E47Q3 |
| X1-D | | TRANSISTOR: M1181, (04713) | | EA | REF | | | | | | | | | 3-38 | A8A3E477Q |
| P-H-T | 5820-981-5877 | AMPLIFIER,RADIO FREQUENCY, FIRST: 549-6522-003, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-10 | ABA3TBi |
| P-D | 5305-938-4044, | SCREW, MACHINE: P342-0152-00, (T7250) | | EA | 2 | | | | | | | * | * | | ABA3TBLR2 |
| P-D | 5305-576-6002 | SCREW, MACHINE P343-o298-ooo; (77250) | | EA | 1 | | | | | | | REF | REF | | ABA3TBH1 |
| P-D | 5310-680-5557 | WASHER, SPRING TENSION 31n n075-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3TBIH |
| X1-D | | BO ., TERMINAL 549-65.7-000, (13499) | | EA | 1 | | | | | | | | | 3-22 | ABA3TBIEI |
| X1-D | | CAPACITOR, FIXED, CERAMIC CK1 4BX223N, (81349) | | EA | 2 | | | | | | | | | 3-22 | AdA31Cb3 |
| X1-D | | CAPACITOR, FTXED, CERAXIC CK14HX22T13, (81349) | | EA | REF | | | | | | | | | 3-22 | A8A3TB1C66 |
| X1-D | | CAPACITOR, FIXED, MICA: D15F511J3Orv4hCR; (72136) | | EA | 2 | | | | | | | | | 3-22 | A8A3rBC61 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15F511J300Wv4CR, (72136) | | EA | REF | | | | | | | | | 3-22 | BA3BIC65 |
| X1-D | | RESISTOR, FIXED, COMPOSTION. RCR07C680KS, (81 3)9) | | EA | 1 | | | | | | | | | 3-22 | A8A3TB1R3 |
| X1-D | | RESISTOR, FIXED, COMPOSITIOR RCR07GCIOIKS; (81349) | | EA | 1 | | | | | | | | | 3-22 | A8A3TBiR6 |
| X1-D | | RESISTOR, FIXED, COWMOSITIORN RCR07G102KS; (81349) | | EA | 1 | | | | | | | | | 3-22 | *8A3TBiIR |
| X1-D | | RESISTOR, FI-.XED, COMPOSITION RCR07C103KS, (81349) | | EA | 1 | | | | | | | | | 3-22 | ABA3TBRI |
| X1-D | | RESISTOR, FIXED, COMPOSITTOR RCR07G104KS; (81349) | | EA | 1 | | | | | | | | | 3-22 | A8A3TB1R2 |
| X1-D | | SHIELD, ELECTRON TUBE T3A361R, (98978) | | EA | 1 | | | | | | | | | 3-22 | A8A3TBE2 |
| X1-D | | SUPPRESSOR, PARASITIC F193-1-01, (72656) | | EA | 1 | | | | | | | | | 3-22 | A8A3TRIE3 |
| X1-D | | TERMIAl., LUG 4007-4HT, (77147) | | EA | 3 | | | | | | | | | | ABA3TB1E4 |

SECTION II

TM 11-5820-509-35

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|-------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION | |
| X1-D | | NUT, PLAIN, HEXAGON' P313-0156-000, (77250) | | EA | 1 | | | | | | | | | | | ABA3TB1E4H1 |
| X1-D | | SCREW, MACHINE P343-0285-000, (77250) | | EA | 1 | | | | | | | | | | | AA3TB1ELH2 |
| X1-D | | WASHER, SPRING TENSION 310-0396-00, (79807) | | EA | 1 | | | | | | | | | | | ABA3TB1EhH3 |
| X1-D | | TEMWINAL, LUG 4007-4HT, (77147) | | EA | REF | | | | | | | | | | | A8A3TBIE5 |
| X1-D | | NUT, PLAIN, HEXAGON- P313-O156-000, (T7250) | | EA | 1 | | | | | | | | | | | A8A3TB1ES5H |
| X1-D | | SCREW, MACHINE P343-0285-00, (77250) | | EA | 1 | | | | | | | | | | | A8A3TB1E5H2 |
| X1-D | | WASHER, SPRING TENSION' 310-0396-00, (79807) | | EA | 1 | | | | | | | | | | | A8A3TBIE5H3 |
| X1-D | | TERMINAL, LUG 4007-4HT, (77147) | | EA | REF | | | | | | | | | | | A8A3TB1E6 |
| X1-D | | NUT, PLAIN, HEXAGON: P313-O156-000, (77250) | | EA | 1 | | | | | | | | | | | A8A3TBLE6H1 |
| X1-D | | SCREW, MACHINE P343-0285-000, (77250) | | EA | 1 | | | | | | | | | | | A8A3TB1E6H2 |
| X1-D | | WASHER, SPRING TENSION. 310-0396-00, (79807) | | EA | 1 | | | | | | | | | | | A8A3TB1E6H3 |
| X1-D | | TUBE, ELECTRON. JAN 5907, (81349) | | EA | 1 | | | | | | | | | 3-22 | | A8A3TBVIV |
| P-H-T | 5820-995-6535 | AMPLIFIER, RADIO REQUENCY, SECOND- 549-6521-003, (13499) | | EA | | | | | * | * | * | * | * | | | A8A3TB2 |
| P-D | 5305-576-6002 | SCREW, MACHINE- P343-O298-000, (77250) | | EA | 1 | | | | | | | | REF | REF | | A8A3TB2H1 |
| P-D | 5305-938-40bl | SCREW, MACHINE: P342-0152-000, (77250) | | EA | 2 | | | | | | | | REF | REF | | A8A3TB2H2 |
| P-D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000; (79807) | | EA | 1 | | | | | | | | REF | REF | | A8A3TB2H1 |
| X1-D | | BOARD, TERMINAL, SECOND 549-6529-0000, (13499) | | EA | 1 | | | | | | | | | 3-23 | | A8A3TB2E1 |
| X1-D | | CAPACITOR, FIXED, CERAMIC. DA146; (71590) | | EA | 2 | | | | | | | | | 3-23 | | A8A3TB2C89 |
| X1-D | | CAPACITOR, FIXED, CERAMIC DA146, (71590) | | EA | REF | | | | | | | | | 3-23 | | A8A3TB2C90 |
| X1-D | | CAPACITOR, FIXED, MICA CMD5ED270003, (813h9) | | EA | 1 | | | | | | | | | 3-23 | | A8A3TB2C187 |
| X1-D | | CAPACITOR, FIXED, MICA- Ds5F5IJ300WVVCr; (72136) | | EA | 1 | | | | | | | | | 3-23 | | A8A3TB2C92 |
| X1-D | | RELAY, ARMATURE: 310-Lols-100l, (80294) | | EA | 1 | | | | | | | | | 3-23 | | A8A3TB2K1 |
| X1-D | | SCREW, MACHINE P343-0298-000, (77250) | | EA | 2 | | | | | | | | | 3-23 | A8A3TB2K1H1 | |
| X1-D | | SCREW, MACHINE P343-0298-000, (77250) | | EA | REF | | | | | | | | | 3-23 | | A8A3TB2K.H2 |
| X1-D | | WASHER, LOCK. 310-0075-000, (79807) | | EA | 2 | | | | | | | | | | | A8A3TB2K1H3 |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|-------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION | |
| X1-D | | WASHER, LOCK 310-0075-000 | | EA | REF | | | | | | | | | | | A8A3TB2K1H4 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G101KS, (81349) | | EA | 2 | | | | | | | | | 3-23 | | 8A3TB2R11 |
| X1-D | | RESISTOR, FIXED, COMPOSITION- RCR07G101KS; (81349) | | EA | REF | | | | | | | | | 3-23 | | A8A3TB2R14 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G103KS, (81349) | | EA | 1 | | | | | | | | | 3-23 | | A8A3TB2R9 |
| X1-D | | RESISTOR, FIXED, COPOSITION: RCR07G123KS; (81349) | | EA | 1 | | | | | | | | | 3-23 | | ABA3TB2R13 |
| X1-D | | RESISTOR, FIXED, CONPOSITION- RCR07G10L(S), (81349) | | EA | 1 | | | | | | | | | 3-23 | | A8A3TB2R10 |
| X1-D | | SHIELD, ELECTODN TUBE: T3A361R; (98978) | | EA | 1 | | | | | | | | | 3-23 | | A8A3TB2E2 |
| X1-D | | SUPPRISSOR, PARASITIC F1913-1-01, (72656) | | EA | 1 | | | | | | | | | 3-23 | | A8A3TB2E3 |
| X1-D | | TERIINAL, LUG. 4040-2HT, (77147) | | EA | 4 | | | | | | | | | | | A8A3TB2E4 |
| X1-D | | NUT, PLAIN, HEXAGCN: MS35649-225, (96906) | | EA | 1 | | | | | | | | | | | A8A3TB2E4H1 |
| X1-D | | SCREW, MACHINE:: P343-0299-000, (77 250) | | EA | 1 | | | | | | | | | | | A8A3TB2E4H2 |
| X1-D | | WASHER, SPRINGIC TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | | | | | AA3TB2E4H3 |
| X1-D | | TERMINAL, LUG- 4040-2HT, (77147) | | EA | REF | | | | | | | | | | | A8A3TB2E5 |
| X1-D | | NUT, PLAIN, HEXAOII MS35649-225, (96906) | | EA | 1 | | | | | | | | | | | A8A3TB2E5H1 |
| X1-D | | SCREW, MACHINE P343-0299-000, (77250) | | EA | 1 | | | | | | | | | | | A8A3TB2E5H2 |
| X1-D | | WASHER, SPRING TNSIOI 310-0075-000, (79807) | | EA | 1 | | | | | | | | | | | A8A3TB2E5H3 |
| X1-D | | TERMINAL, LUG 40400-2HT; (77147) | | EA | REF | | | | | | | | | | | A8A3TB2E6 |
| X1-D | | NUT, PLAIN, HEXAGON MS35649-225, (96906) | | EA | 1 | | | | | | | | | | | A8A3TB2E6H1 |
| X1-D | | SCREW, MACHINE' P343-0299-ooo, (77250) | | EA | 1 | | | | | | | | | | | A8A3TB2E6H2 |
| X1-D | | WASHER, SPRING TESION'- 310-0075-000, (79807) | | EA | 1 | | | | | | | | | | | A8A3TB2E6H3 |
| X1-D | | TERMINAL, LUG 4040-2HT, (77147) | | EA | REF | | | | | | | | | | | A8A3TB2E7 |
| X1-D | | TERMINAL, LUG 4007-4HT, (77147) | | EA | 1 | | | | | | | | | | | AATTB2E8 |
| X1-D | | NUT, PLAIN, HEXAGON P313-0156-ooo, (77250) | | EA | 1 | | | | | | | | | | | A8A3TB2E8H1 |
| X1-D | | SCREW, MACHINE P343-0285-000, (77250) | | EA | 1 | | | | | | | | | | | A8A3TB2E8H2 |
| X1-D | | WASHER, SPRING TENSION 310-0396-00, (79807) | | EA | 1 | | | | | | | | | | | A8A3TB2E8H3 |

SECTION II

TM 11-5820-509-35

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | TUBE, ELECTRON: 7761, (82219) | | EA | 1 | | | | | | | | | 3-23 | A8A3TB2V2 |
| M-D | | ARM, SPRING 549-5869-002, (13499) | | EA | 2 | | | | | | | | | | A8A3MP1 |
| M-D | | ARM, SPRING. 549-5869-oo2; (13499) | | EA | REF | | | | | | | | | | ASA3MP2 |
| P-D | 3110-851-7674 | BEARING, BALL, ANNULAR S6316FRHH3P15L02, (40920) | | EA | 2 | | | | | | * | * | | | A8A3MP3 |
| P-D | 3110-851-7674 | BEARING, BALL, ANULAR. S6316FRHH3P15L02, (40920) | | EA | REF | | | | | | REF | REF | | | A8A3MP4 |
| P-D | 5820-977-7651 | BELT, SLUG RACK 549-5860-002; (13499) | | EA | 2 | | | | | | * | * | | | A8A3MP5 |
| P-D | 5820-977-7651 | BELT, SLUG RACK. 549-5860-002, (13499) | | EA | REF | | | | | | REF | REF | | | A8A3MP6 |
| M-D | | BUSHING, MACHINE THREAD: 548-7777-oo3, (13499) | | EA | 2 | | | | | | | | | | A8A3MP7 |
| P-D | 5310-275-5147 | NUT, PLAIN, HEXAGON: P334-4120-000; (77250) | | EA | 1 | | | | | | * | * | | | ASA3MP7H1 |
| M-D | | BUSHING, MACHINE THRAD 548-7777-003; (13499) | | EA | REF | | | | | | | | | | AA3MP8 |
| P-D | 5310-275-5147 | NUT, PLAIN, HEXACON. P334-4120-000, (77250) | | EA | 1 | | | | | | REF | REF | | | A8A3MP8H1 |
| M-D | | BUSHING, SCREW' 548-7783-002; (13499) | | EA | 1 | | | | | | | | | | A8A3MP9 |
| P-D | | CAPACITOR, FIXED, CERAMIC CK15BX104M; (81349) | | EA | 1 | | | | | | * | * | 13-41 | | A8A3C189 |
| P-D | 5910-080-4020 | CAPACITOR, FIXED, CERAMIC. 6s8083; (56289) | | EA | 3 | | | | | | * | * | 3-40 | | A8A3C115 |
| P-D | 5910-080-4020 | CAPACITOR, FIXED, CERAMIC 6S8083, (56289) | | EA | REF | | | | | | REF | REF | 3-40 | | A8A3C116 |
| P-D | 5910-080-Oo20 | CAPACITOR, FIXED, CERAMIC: 6S8083, (56289) | | EA | REF | | | | | | REF | REF | 3-40 | | A8A3C293 |
| P-D | 5910-080-1713 | CAPACITOR, FIXED, CERAMIC' DA146, (71590) | | EA | 4 | | | | | | * | * | 3-41 | | AA3C188 |
| P-D | 5910-080-1713 | CAPACITOR, FIXED, CERAMIC DA146, (71590) | | EA | REF | | | | | | REF | REF | 3-41 | | A8A3C289 |
| P-D | 5910-080-1713 | CAPACITOR, FIXED, CERAMIC- DA146, (71590) | | EA | REF | | | | | | REF | REF | 3-41 | | A8A3C290 |
| P-D | 5910-080-1713 | CAPACITOR, FIXED, CERAMIC DA146, (71590) | | EA | REF | | | | | | REF | REF | 3-41 | | AA3C291 |
| P-D | 5910-762-2828 | CAPACITOR, FIXED, CERAMIC: C023B102P223Z; (56289) | | EA | 2 | | | | | | * | * | 3-40 | | A8A3C17 |
| P-D | 5910-762-2828 | CAPACITOR, FIXED, CERAIC. C023B102P223Z, (56289) | | EA | REF | | | | | | REF | REF | 3-40 | | A8A3C292 |
| P-D | 5910-649-7756 | CAPACITOR, FIXED, GLASS VC22GY, (73899) | | EA | 1 | | | | | | * | * | 3-40 | | AA3C344 |
| P-D | 5910-765-4415 | CAPACITOR, FIXED, MICA D1910F511JO; (53021) | | EA | 1 | | | | | | * | * | 3-40 | | ASA3C118 |
| M-D | 5325-960-2410 | CHANNEL, PLASTIC MS21266-1N, (96906) | | EA | 4 | | | | | | | | | | A8A3MP10 |

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| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION | |
| M-D | 5325-960-2410 | CHANNEL, PLASTIC M 21266-1I, (96906) | | EA | REF | | | | | | | | | | | A8A3MP11 |
| M-D | 5325-960-2410 | CHANNEL, PLASTIC- MS21266-1N, (96906) | | EA | REF | | | | | | | | | | | A8A3MP12 |
| M-D | 5325-960-2410 | CHANNEL, PLASTIC MS21266-1N, (96906) | | EA | REF | | | | | | | | | | | A8A3MP13 |
| M-D | | CHASSIS, ELECTRICAL EQUIPM- 548-7886-000, (13199) | | EA | 1 | | | | | | | | | | | A8A3AI |
| P-D | 5935-027-2636 | JAC, TIP 69003-1183 BROWN (73680) | | EA | 1 | | | | | | | * | * | 3-9 | | A8A3AIJ1 |
| P-D | 5934-432-6501 | JAC, TIP 69003-1183 RED (73680) | | EA | 1 | | | | | | | * | * | 3-9 | | ABA3A1J2 |
| P-D | 5935-683-7648 | JACK, TIP 69003-1183 ORANGE (73680) | | EA | 1 | | | | | | | * | * | 3-9 | | A8A3AIJ3 |
| P-D | 5935-683-7649 | JACK, TP 69003-1183YELLOW (73680) | | EA | 1 | | | | | | | * | * | 3-9 | | ABA3A1Jh |
| P-D | | CLAMP, LOOP-TUIER- 504-7577-002, (13499) | | EA | 1 | | | | | | | * | * | | | ASA3PI12 |
| P-D | 5310-276-1104 | NUT, PLAIN, SQUARE. P334-0085-000, (77250) | | 1 | * | | | | | | | * | * | | | A8A3MP12H |
| P-D | 5305-952-1410 | SCREW, CAP- 324-1682-100, (08664) | | EA | 1 | | | | | | | * | * | | | ABA3MP12H2 |
| MD | 5820-977-7650 | CLIP-TAPE 549-5862-002, (13499) | | EA | 2 | | | | | | | | | | | AA3MP13 |
| P-D | 5305-141-4310 | SCREW, MACHINE P347-0021-000, (77250) | | EA | 1 | | | | | | | * | * | | | A8A3M13H1 |
| M-D | 5820-977-7650 | CLIP-TAPE 549-5862-002, (13499) | | EA | REF | | | | | | | | | | | A8A3MP14 |
| P-D | 5305-141-4310 | SCREW, MACHINE P347-0021-000, (77250) | | EA | 1 | | | | | | | REF | REF | | | A8A3MPi1H1 |
| P-D | 5950-766-7833 | COIL, RADIO FREQUENCY. 240-1994-000, (13499) | | EA | 1 | | | | | | | * | * | 3-40 | | ABA3L98 |
| P-D | 5305-770-2533 | SCREW, MACHINE MS51959-13, (96906) | | EA | 1 | | | | | | | REF | REF | | | A8A3L98H1 |
| P-D | 5310-782-1349 | WASHER, LAT 310-0045-000, (79807) | | EA | 1 | | | | | | | REF | REF | | | A8A3L98H2 |
| P-D | 5950-932-2727 | COIL, RADIO FREQUENCY LT10K029, (81349) | | EA | 2 | | | | | | | * | * | 3-40 | | A8A3L120 |
| P-D | 5950-932-2727 | COIL, RADIO FREQUENCY- LT1CK029, (81349) | | EA | REF | | | | | | | REF | REF | 3-40 | | ABA3L121 |
| P-D | 5950-960-7850 | COIL, RADIO FREQUENCY. 548-7797-004, (13499) | | EA | 1 | | | | | | | * | * | 3-41 | | A8A3L145 |
| P-D | | SCREW, MACHINE P347-0024-000, (77250) | | EA | 3 | | | | | | | * | * | | | A8A3L145H |
| P-D | | SCREW, MACHINE P347-0024-000, (77250) | | EA | REF | | | | | | | REF | REF | | | A8A3L145H2 |
| P-D | | SCREW, MACHINE P347-0024-000, (77250) | | EA | REF | | | | | | | REF | REF | | | A8A3L145H3 |
| P-D | 5950-950-4176 | COIL, RADIO FREQUENCY. 5L9-5972-002, (13499) | | EA | 3 | | | | | | | * | * | 3-41 | | AA3L1 |

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| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P-D | 5950-950-4176 | COIL, RADIO FREQUENCY- 549-5972-002, (13499) | | EA | REF | | | | | | | REF | REF | 3-41 | A8A3L2 |
| P-D | 5950-950-4176 | COIL, RADIO FREQUENCY: 519-5972-002; (13499) | | EA | REF | | | | | | | REF | REF | 3-41 | A8A3L3 |
| P-D | 5950-044-2428 | COIL, RADIO FREQUENCY: 756-3160-003, (13499) | | EA | 1 | | | | | | | * | * | 3-1 | A8A3L5 |
| P-D | 5950-044-2429 | COIL, RADIO FREQUENCY: 756-4179-003, (13499) | | EA | 1 | | | | | | | * | * | 3-41 | A8A3L4 |
| P-D | | CONNECTOR, RECEPTACLE, ELECTRICAL DAMW2P; (71468) | | EA | 4 | | | | | | | REF | REF | 3-41 | AA3P1 |
| P-D | 5310-685-7739 | NUT, PLAIN, CAP 334-0043-000; (21537) | | EA | 1 | | | | | | | * | * | | A8A3PH1 |
| P-D | 5310-275-0889 | NUT, PLAIN, HEXAON P313-0132-000, (77250) | | EA | 1 | | | | | | | * | * | | A8A3P1H2 |
| P-D | 5305-770-2533 | SCREW, MACHINE. MS51959-13, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A3P1H3 |
| P-D | 5305-763-7822 | SCREW, MACHINE: Ms51959-14; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A3P1H4 |
| P-D | | WASHER, FLAT 310-6325-000, (79807) | | EA | 1 | | | | | | | REF | REF | | ABA3P1H5 |
| P-D | 5310-058-2949 | WASHER, LOCK 310-0278-000, (70318) | | EA | 2 | | | | | | | * | * | | ARA3P1H6 |
| P-D | 5310-058-2949 | WASHER, LOCK 310-0278-000, (70318) | | EA | REF | | | | | | | REF | REF | | 48A3P1H7 |
| P-D | | CONNECTOR, RECEPTACLE, ELECTRICAL DAMTW2P, (71468) | | EA | REF | | | | | | | REF | REF | 3-41 | A8A3P2 |
| P-D | 5310-685-7 739 | NUT, PLAIN, CAP 334-0043-000, (21537) | | EA | 1 | | | | | | | REF | REF | | A8A3P2H1 |
| P-D | 5310-275-0889 | NUT, PLAIN, HEXAGON- P313-0132-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3P2H2 |
| P-D | 5305-770-2533 | SCREW, MACHINE MS51959-13, (96906) | | EA | 2 | | | | | | | REF | REF | | A8A3P2H3 |
| P-D | 5305-770-2533 | SCREW, MACHINE MS51959-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3P2H4 |
| P-D | 5310-058-2949 | WASHER, LOCK 310-0278-000, (70318) | | EA | 1 | | | | | | | REF | REF | | A8A3P2H5 |
| P-D | | CONNECTOR, RECEPTACLE, ELECTRICAL DAMTW2P, (71468) | | EA | REF | | | | | | | REF | REF | 3-41 | A8A3P3 |
| P-D | 5310-685-7739 | NUT, PLAIN, CAP 33-00003-000, (21537) | | EA | 1 | | | | | | | REF | REF | | A8A3P3H1 |
| P-D | 5310-275-0889 | NUT, PLAIN, HEXAGON P313-0132-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3P3H2 |
| P-D | 5305-770-2533 | SCREW, MACHINE: MS51959-13, (96906) | | EA | 2 | | | | | | | REF | REF | | A8A3P3H 3 |
| P-D | 5305-770-2533 | SCREW, MACHINE MS51959-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3P3H 4 |
| P-D | 5310-058-2949 | WASHER, LOCK 310-0278-000; (70318) | | EA | 1 | | | | | | | REF | REF | | A8A3P3H 5 |
| P-D | | CONNECTOR, RECEPTACLE, ELECTRICAL DAM7W2P, (71468) | | EA | REF | | | | | | | REF | REF | 3-41 | A8A3P4 |

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| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5310-685-7739 | NUT, PLAIN, CAP 334-0043-000, (21537) | | EA | 1 | | | | | | | REF | REF | | A8A3P4H1 |
| P-D | 5310-275-0889 | NUT, PLAIN, HEXAGON P313-0132-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3P4H2 |
| P-D | 5305-770-2533 | SCREW, MACHINE MS519-13, (96906) | | EA | 2 | | | | | | | REF | REF | | A8A3P4H3 |
| P-D | 5305-770-2533 | SCREW, MACHINE MS51959-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3P4H4 |
| P-D | 5310-058-2949 | WASHER LOCK 310-0278-000; (70318) | | EA | 1 | | | | | | | REF | REF | | A8A3P4HS |
| P-D | 5935-885-6505 | CONTACT, ELECTRICAL DM53740-5000, (71468) | | EA | 8 | | | | | | | REF | REF | | A8A3PIA1 |
| P-D | 5935-885-6505 | CONTACT, ELECTRICAL DM53740-500, (71468) | | EA | REF | | | | | | | REF | REF | | AsA3PIA2 |
| P-D | 5935-885-6505 | CONTACT, ELECTRICAL DM53740-5000, (71468) | | EA | REF | | | | | | | REF | REF | | ASA3P2A1 |
| P-D | 5935-885-6505 | CONTACT, ELECTRICAL DM53740-5000, (71468) | | EA | REF | | | | | | | REF | REF | | A8A3P2A2 |
| P-D | 5935-885-6505 | CONTACT, ELECTRICAL DM53740-5000; (71468) | | EA | REF | | | | | | | REF | REF | | A8A3P3A1 |
| P-D | 5935-885-6505 | CONTACT, ELECTRICAL DM53740-500000, (71468) | | EA | REF | | | | | | | REF | REF | | A8A3P3A2 |
| P-D | 5935-885-6505 | CONTACT, ELECTRICAL DM53740-5000; (71468) | | EA | REF | | | | | | | REF | REF | | A8A3P4A1 |
| P-D | 5935-885-65b5 | CONTACT, ELECTRICAL DM53740-5000; (71468) | | EA | REF | | | | | | | REF | REF | | A8A3PIA2 |
| P-D | 5950-4501161 | CORE, ADJUSTABLE TUNING 57-3540, (78488) | | EA | 6 | | | | | | | * | * | 3-9 | AsA3E1 |
| P-D | | CORE, ADJUSTABLE TUNING 57-3540, (78488) | | EA | REF | | | | | | | REF | REF | 3-9 | AsA3E2 |
| P-D | | CORE, ADJUSTABLE TUNING EA 57-3540; (78L88) | | REF | REF | | | | | | | REF | REF | 3-9 | A8A3E3 |
| P-D | | CORE, ADJUSTABLE TUNING 57-3540, (78L88) | | EA | REF | | | | | | | REF | REF | 3-9 | AsA3E4 |
| P-D | | CORE, ADJUSTABLE TUNING 57-3540, (78488) | | EA | REF | | | | | | | REF | REF | 3-9 | ASA3E5 |
| P-D | | CORE, ADJUSTABLE TUNING 57-3540, (78488) | | EA | REF | | | | | | | REF | REF | 3-9 | A8A3E6 |
| M-D | | COUPLING HALF ASSERBLY. 549-5881-002; (13499) | | EA | 1 | | | | | | | | | | AsA3A2 |
| M-D | | COUPLING HALF, SHAFT 549-5853-002, (13499) | | EA | 1 | | | | | | | | | | AA3A2MP1 |
| M-D | | INSERT, FLEXIBLE COUPLING 553-9786-003, (13499) | | EA | 1 | | | | | | | | | | AsA3A2MP2 |
| M-D | | PIN, LOCATING 549-5721-002, (13499) | | EA | 1 | | | | | | | | | | A8A3A2MP3 |
| M-D | | COVER, CIRCUIT BOARD 549-6525-003, (13499) | | EA | 1 | | | | | | | | | | A8A3MP15 |
| P-D | 5305-805-9801 | SCREW, MACHINE P347-0090-00,0, (77250) | | EA | 4 | | | | | | | 33 | 20 | | ASA3P15H1 |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5305-805-9801 | SCREW, MACHINE- P347-0090-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A3MP15H2 |
| P-D | 5305-805-9801 | SCREW, MACHINE: P347-0090-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A3MP15H3 |
| P-D | 5305-805-9801 | SCREW, MACHINE: P347-0090-DOD; (77250) | | EA | REF | | | | | | | REF | REF | | A8A3MP15H4 |
| P-D | 5310-685-1971 | WASHER, SPRING TENSION 310-0396-00; (79807) | | EA | 4 | | | | | | | REF | REF | | A8A3MP15H5 |
| P-D | 5310-685-1971 | WASHER, SPRING TENSION 310-0396-OC, (79807) | | EA | REF | | | | | | | REF | REF | | A8A3MP15H6 |
| P-D | 5310-685-1971 | WASHER, SPRING TENSION- 310-0396-0000, (79807) | | EA | REF | | | | | | | REF | REF | | A8A3P15H7 |
| P-D | 5310-685-1971 | WASHER, SPRING TENSION: 310-0396-00; (79807) | | EA | REP | | | | | | | REF | REF | | A8A3MP15H8 |
| P-D | 5820-015-1607 | FILTER ASSEMBLY, RADIO FREQUENCY 756-3172-002; (13499) | | EA | 1 | | | | | | | * | * | 3-41 | A8A3A2 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, OIKXAGON: 68-1660-40, (72962) | | EA | 2 | | | | | | | REF | REF | | A8A3A2H2 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A3A2H2 |
| X1-D | | CABLE, RADIO FREQUENCY: RG178TBU; (80058) | | EA | 1 | | | | | | | | | | A8A3A2W1 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-008WST0102P; (72982) | | EA | 3 | | | | | | | | | 3-41 | A8A3A2C350 |
| X1-D | | CAPACITOR, FIXED, CERAMIC- 2465-00WS5TO102P; (72982) | | EA | REF | | | | | | | | | 3-41 | A8A3A2C351 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-008WST0102P, (72982) | | EA | REF | | | | | | | | | 3-41 | A8A3A2C352 |
| X1-D | | PLATE, MOUNTING, CAPACITOR. 756-3174-002, (13499) | | EA | 1 | | | | | | | | | | A8A3A2MPI |
| P-D | 5325-174-5317 | GROMMET, RUBBER. YS35489-4, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A3H1 |
| P-D | 5325-276-4993 | DORET, RUBBER. 905, (75543) | | EA | 1 | | | | | | | * | * | | A8A3H2 |
| M-D | | HARNESS, WIRING, BRANCHED: 549-583-0000; (13499) | | EA | 1 | | | | | | | | | | A8A3W1 |
| N-D | | HARNESS, WIRING, BRANCHED: 756-3168-005; (13499) | | EA | 1 | | | | | | | | | | A8A3W2 |
| P-D | 5820-960-7844 | HEATSINK, ELECTRON TUBE 549-6523-003; (13499) | | EA | 1 | | | | | | | | | | A8A3E7 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | 4 | | | | | | | REF | REF | | A8A3E7H1 |
| P-D | | SCREW, SELF-LOCKING. LP51959-134; (03038) | | EA | REF | | | | | | | REF | REF | | A8A3E7H2 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3E7H3 |
| P-D | | SCREW, SELF-LOCKING' LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A3E7H4 |
| P-D | 5995-426-1599 | LEAD, ELECTRICAL. 549-6598-002, (13499) | | EA | 1 | | | | | | | * | * | | A8A3A3 |

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 531-275-0889 | NUT, PLAIN, HEXAGON: P313-0132-000, (77250) | | EA | 2 | | | | | | | REF | REF | A8A3A3H2 | |
| P-D | 5305-051-567 | SCREW, MACHINE: MS51957-13, (96906) | | EA | 2 | | | | | | | REF | REF | A8A3A3H2 | |
| P-D | 5310-29-0960 | WASHER, LOCK: 1704-03; (78189) | | EA | 2 | | | | | | | * | * | A3A3H2 | |
| X1-D | | BRAID, WIRE: 36109; (75818) | | EA | 1 | | | | | | | | | A8A3A3W1 | |
| X1-D | | TERMINAL, LUG: 321k2; (0sTT9) | | EA | 2 | | | | | | | | | A8A3A3E1 | |
| X1-D | | TERMINAL, LUG: 32442; (00779) | | EA | REF | | | | | | | | | A8A3A3E2 | |
| P-D | 6150-182-1993 | LEAD, ELECTRICAL-GROUND STRIP: 553-9321-002; (13499) | | EA | 2 | | | | | | | * | * | AA3E8 | |
| P-D | | LEAD, ELECTRICAL-GROUND STRIP: 553-9321-002; (13499) | | EA | REF | | | | | | | REF | REF | A8A3E9 | |
| P-4-T | 5820-042-5719 | MIXER STAGE, FREQUENCY: 549-6000-004; (13199) | | EA | 1 | | | | * | * | * | * | * | 3-9 A8A3E48 | |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | 4 | | | | | | | REF | REF | A8A3E48H4 | |
| X1-D | | BOARD, PRINTED CIRCUIT: 549-5999-004; (13499) | | EA | 1 | | | | | | | | | 3-39 A8A3E48E1 | |
| X1-D | | CAPACITOR, FIXED, CIRCUIT: 20C91A, (56289) | | EA | 1 | | | | | | | | | 3-39 A8A348C179 | |
| X1-D | | CAPACITOR, FIXED, CIRCUIT: 658083; (56289) | | EA | 4 | | | | | | | | | 3-39 A8A3E8,166 | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8083; (56289) | | EA | REF | | | | | | | | | 3-39 A8A3E48C171 | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8083; (56289) | | EA | REF | | | | | | | | | 3-39 A8A3E48C173 | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8083, (56289) | | EA | REF | | | | | | | | | 3-39 A8A3E48C182 | |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC. 150DIOX0035A2, (56289) | | EA | 2 | | | | | | | | | 3-39 ASA3E48C175 | |
| X1-D | | CAPACITOR, FIXED, EILCTROLYTIC. 150D100X0035A2, (56289) | | EA | REF | | | | | | | | | 3-39 A8A3ES8C185 | |
| X1I-D | | CAPACITOR, FIXED, MICA: CMD5ED750co3; (813J9) | | EA | 2 | | | | | | | | | 3-39 A8A3E48C169 | |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED750O03, (81349) | | EA | RKF | | | | | | | | | 3-39 A8A3E48C184 | |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED820Jo3; (81349) | | EA | 2 | | | | | | | | | 3-39 A8A3E48C162 | |
| X1-D | | CAPACITOR, FIXED, MICA: CMD5ED820Jo3; (81349) | | EA | REF | | | | | | | | | 3-39 A8A3E48C174 | |
| X1-D | | CAPACITOR, FIXED, MICA: CMD5FD121c03; (81349) | | EA | 1 | | | | | | | | | 3-39 ASA3E48C168- | |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD131C03; (813&9) | | EA | 1 | | | | | | | | | 3-39 A8A3E48C168 | |
| X1-D | | CAPACITOR, FIXED, MICA: CMD5FD151C03, (813&9) | | EA | 1 | | | | | | | | | 3-39 A8A3E48C168 | |

* SELECT PER OPERATIONAL EQUIPMENT-

SECTION II

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| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, MICA CM05FD161GO3, (81349) | | EA | 1 | | | | | | | | | 3-39 | A8A3E48C168 |
| X1-D | | CAPACITOR, FIXED, MICA CM05FD221GO3; (81349) | | EA | 3 | | | | | | | | | 3-39 | ASA3Eh8C167 |
| X1-D | | CAPACITOR, FIXED, MICA- CM05FD221GO3, (81349) | | EA | REF | | | | | | | | | 3-39 | ASA3E48c170 |
| X1-D | | CAPACITOR, FIXED, MICA. CM05FD221GO3, (81349) | | EA | REF | | | | | | | | | 3-39 | A8A3Eh8CIT2 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15F471J300WV4CR, (72136) | | EA | 3 | | | | | | | | | 3-39 | ASA3E48C163 |
| X1-D | | CAPACITOR, FIXED, MICA DM15F471J300WV4CR, (72136) | | EA | REF | | | | | | | | | 3-39 | ASA3E48c16h |
| X1-D | | CAPACITOR, FIXED, MICA. DK5F471J300WV4CR; (72136) | | EA | REF | | | | | | | | | 3-39 | ASA3E48cl86 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15F1330F0500WV4 CR, (72136) | | EA | 1 | | | | | | | | | 3-39 | AA3E,48c168 |
| X1-D | | CAPACITOR, FIXED, MICA- DM15E141F0500WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-39 | A8A3zE8c168 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1270F0500WV4CR | | EA | 1 | | | | | | | | | 3-39 | ASA3E8C1i68 |
| X1-D | | COIL, RADIO FREQUENCY LT0IK020, (81349) | | EA | 1 | | | | | | | | | 3-39 | A8A3E48L101 |
| X1-D | | COIL, RADIO FREQUENCY- LT10K029, (81349) | | EA | 1 | | | | | | | | | 3-39 | AA03E48L100 |
| XI-D | | RESISTOR, FIXED, COMPOSITION RCR07G560KS; (81349) | | EA | 1 | | | | | | | | | 3-39 | ABA3EH8R190 |
| X1-D | | DRESISTOR, FIXED, COMPOSITION RCR07G121KS, (81349) | | EA | 2 | | | | | | | | | 3-39 | A8A3E48R77 |
| X1-D | | RESISTOR, FIXED, COWOSITION RCR07G121KS, (81349) | | EA | REF | | | | | | | | | 3-39 | A\$A3E48R94 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07CG71KS; (81340) | | EA | 1 | | | | | | | | | 3-39 | A8A3E48R58 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07C102KS, (81 349) | | EA | 3 | | | | | | | | | 3-39 | ASA3E48R59 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G102KS, (81349) | | EA | REF | | | | | | | | | 3-39 | A8A3E48R89 |
| X1-D | | RESISTOR, FIXED, COMPOSITION. RCR07G102KS; (81349) | | EA | REF | | | | | | | | | 3-39 | A8A3E48R90 |
| X1-D | | RESISTOR, FIXED, COMPOSITIOD- RCR07G222KS, (81349) | | EA | 1 | | | | | | | | | 3-39 | ASA3E48R91 |
| X1-D | | RESISTOR, FIXED, COMPOSITION- RCR07G272KS, (81349) | | EA | 1 | | | | | | | | | 3-39 | A8A3E48R67 |
| X1-D | | RESISTOR, FIXED, COMPOSITION- RCR07CG72KS, (81349) | | EA | 1 | | | | | | | | | 3-39 | AkA3E48R66 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G682KS; (81349) | | EA | 2 | | | | | | | | | 3-39 | ASA3E48R64 |
| X1-D | | RESISTOR, FIXED, COBMPOSITION RCR07C682KS, (81349) | | EA | REF | | | | | | | | | 3-39 | A8A3E48R70 |

* SELECT PER OPERATIONAL EQUIPMENT

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| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G822KS, (81349) | | EA | 3 | | | | | | | | | 3-39 | A8A3E48R63 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G822KS, (81349) | | EA | REF | | | | | | | | | 3-39 | ABA3E48R69 |
| X1-D | | RESISTOR, FIXED, COMPOSITION- RCR07G822Ks; (81349) | | EA | REF | | | | | | | | | 3-39 | A8A3E48R87 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G103KS, (81349) | | EA | 1 | | | | | | | | | 3-39 | A8A3E48R97 |
| X1-D | | RESISTOR, FIXED, COMPOSITION. RCR7G183XS, (81349) | | EA | 1 | | | | | | | | | 3-39 | A8A3E48R92 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G223KS, (81349) | | EA | 1 | | | | | | | | | 3-39 | A8A3E48R93 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G333KS, (81349) | | EA | 3 | | | | | | | | | 3-39 | A8A3E48R62 |
| X1-D | | RESISTOR, FIXED, COWMK)STION- RCR07G333KS, (81349) | | EA | REF | | | | | | | | | 3-39 | ABA3E48R68 |
| X1-D | | RESISTOR, FIXED, COMPOSITION- RCR07G333KS, (81349) | | EA | REF | | | | | | | | | 3-39 | A8A3E48R72 |
| X1-D | | RESISTOR, FIXED, COMPOSITION- RCR07G473KS; (81349) | | EA | 2 | | | | | | | | | 3-39 | A8A3E48R61 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G473KS; (81349) | | EA | REF | | | | | | | | | 3-39 | ABA3E48R71 |
| X1-D | | RESISTOR, FIXED, COMPOSITION- RCR07G683KS; (81349) | | EA | 1 | | | | | | | | | 3-39 | A8A3E48R65 |
| X1-D | | RESISTOR, FIXED, COMPOSITION. RCR07G474KS, (81349) | | EA | 4 | | | | | | | | | 3-39 | A8A3E48R78 |
| X1-D | | RESISTOR, FIXED, COMPOSITION. RCR07G474KS; (81349) | | EA | REF | | | | | | | | | 3-39 | A8A3E48R79 |
| X1-D | | RESISTOR, FIXED, COMPOSITION- RCR7CG474KS; (81349) | | EA | REF | | | | | | | | | 3-39 | A8A3E48R80 |
| XC-D | | RESISTOR, FIXED, COMPOSITION RCR07G474Ks; (81349) | | EA | REF | | | | | | | | | 3-39 | A8A3E48R81 |
| X1-D | | RESISTOR, FIXED, FILM RN60D75ROF, (81349) | | EA | 2 | | | | | | | | | 3-39 | A8A3E48RL46 |
| X1-D | | RESISTOR, FIXED, FILM- RN60DTSROF, (81349) | | EA | REF | | | | | | | | | 3-39 | A8A3E48RL47 |
| X1-D | | RESISTOR, VARIABLE, WIREWOUND- 224L1-201, (80294) | | EA | 1 | | | | | | | | | 3-39 | A8A3E48RI15 |
| X1-D | | NUT, PLAIN, EEXAGON: MS3569g-225; (96906) | | EA | 2 | | | | | | | | | 3-39 | A8A3E48R1501H |
| X1-D | | NUT, PLAIN, HEXAGON MS35649-225, (96906) | | EA | REF | | | | | | | | | | A8A3E48RI50H2 |
| X1-D | | SCREW, MACHINE. NS51957-5, (96906) | | EA | 2 | | | | | | | | 3-39 | A8A3E48R150h3 | |
| X1-D | | SCREW, MACHINE- MS51957-5, (96906) | | EA | REF | | | | | | | | | | A8A3E48RI50oH |
| X1-D | | WASHER, FLAT 310-6320-00, (79807) | | EA | 2 | | | | | | | | | | A8A3E48RI50H5 |
| X1-D | | WASHER, FLAT 310-6320-00, (79807) | | EA | REF | | | | | | | | | | A8A3E48R150H6 |

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| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|----|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | RESISTOR, VARIABLE, WIRE WOUND- 224L1-503, (80294) | EA | 1 | | | | | | | | | | 3-39 | A8A3E48R148 |
| X1-D | | NUT, PLAIN, HEXAGON MS356h9-225, (96906) | EA | 2 | | | | | | | | | | 3-39 | A8A3E48R148HI |
| X1-D | | NUT, PLAIN, HEXAGON MS35649-225; (96906) | EA | REF | | | | | | | | | | | A8A3E48R148H2 |
| X1-D | | SCREW, MACHINE- MS51957-5, (96906) | EA | 2 | | | | | | | | | | | A8A3E18R148H3 |
| X1-D | | SCREW, MACHINE WS51957-5, (96906) | EA | REF | | | | | | | | | | | A8A3E48R148H4 |
| X1-D | | WASHER, FLAT 310-6320-00, (79807) | EA | 2 | | | | | | | | | | | A8A3E48R148H5 |
| X1-D | | WASHER, FLAT 310-6320-00; (79807) | EA | REF | | | | | | | | | | | A8A3E48Rih8SH6 |
| X1-D | | SEMICOINDUCTOR DEVICE, DIODE INB98, (07688) | EA | 2 | | | | | | | | | | 3-39 | A8A3E48CR3 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N198; (07688) | EA | REF | | | | | | | | | | 3-39 | A8A3E48CR8 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE- 1N916; (07688) | EA | 1 | | | | | | | | | | 3-39 | A8A3E48CR2 |
| X1-D | | TRANSFORMER, RADIO FREQUENCY- 549-6002-003; (13499) | EA | 1 | | | | | | | | | | 3-39 | A8A3E48T1 |
| X1-D | | TRANSISTOR. 2N703, (07688) | EA | 4 | | | | | | | | | | 3-39 | ABA3E48Q9 |
| X1-D | | TRANSISTOR 2N703, (07688) | EA | REF | | | | | | | | | | 3-39 | A8A3E48Q1Q |
| X1-D | | TRANSISTOR 2N703, (07688) | EA | REF | | | | | | | | | | 3-39 | A8A3E48QI4 |
| X1-D | | TRANSISTOR: 2703, (07688) | EA | REF | | | | | | | | | | 3-39 | A8A3E48QI5 |
| X1-D | | TRANSISTOR- MS2181, (04713) | EA | 1 | | | | | | | | | | 3-39 | AnA3ES48Qi |
| P-D | 5310-158-5227 | NUT, GUIDE. 553-9748-002, (13499) | EA | 2 | | | | | | | | * | * | | A8A3MP16 |
| P-D | 5305-05h-5638 | SCREW, MACHINE MS51957-4; (96906) | EA | 1 | | | | | | | | * | * | | A8A3MP16H1 |
| P-D 3 | | WASHER, FLAT 10-6320-00, (79807) | EA | 1 | | | | | | | | * | * | | A8A3MP16H2 |
| P-D | | NUT, GUIDE 553-9748-002, (13499) | EA | REF | | | | | | | | REF | REF | | A8A3MP17 |
| P-D | 5305-054-5638 | SCREW, MACHINE- MS51957-4, (96906) | EA | 1 | | | | | | | | REF | REF | | A8A3MP17H1 |
| P-D | | WASHER, FLAT 310-6320-00, (79807) | EA | 1 | | | | | | | | REF | REF | | A8A3MP17H2 |
| P-D | 5310-952-1h23 | NUT, PLAJN, HEXAGON P313-0143-000; (77250) | EA | 6 | | | | | | | | * | * | | A8A3H3 |
| P-D | 5310-952-1423 | NUT, PLAIN, HEXAGON P313-01 b3-000, (77250) | EA | REF | | | | | | | | REF | REF | | A8A3H4 |
| P-D | 5310-952-1423- | NUT, PLAIN, HEXAGON P313-0143-000, (77250) | EA | REF | | | | | | | | REF | REF | | A8A3H5 |

SECTION II

TM 11-5820-509-35

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P-D | 5310-952-1423 | NUT, PLAIN, HEXAGON P313-014 3-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A3H6 |
| P-D | 5310-952-1423 | NUT, PLA1N, HEXAGON P313-0143-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A3H7 |
| P-D | 5310-952-1423 | NUT, PLAIN, HEXAGON P313-01L3-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A3H8 |
| P-H-T | 5820-960-7852 | OSCILLATOR SUBASSEMBLY 5L8-7794-005, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-9 | A8A3A4 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON 68-1660-26, (72962) | | EA | 1 | | | | | | | REF | REF | | A8A3A4H1 |
| P-D | 5305-054-5638 | SCREW, MACHINE MS51957-4, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A3A4H1 |
| P-D | 5305-059-8228 | SCREW, MACHINE P343-0299-000, (77250) | | EA | 2 | | | | | | | REF | REF | | A8A3A4H2 |
| P-D | | WASHER, FLAT 310-0053-000; (79807) | | EA | 2 | | | | | | | REF | REF | | A8A3A4H2 |
| P-D | 5310-907-0459 | WASHER, FLAT 310-6320-00, | | EA (79807) | 1 | | | | | | | REF | REF | | A8A3A4H1 |
| P-D | 5310-818-6245 | WASHER, FLAT 504-0726-003, (13499) | | EA | 1 | | | | | | | * | * | | A8A3A4H1 |
| P-D | 5310-043-2149 | WASHER, FLAT 546-3043-003, (13499) | | EA | 1 | | | | | | | * | * | | A8A3A4H1 |
| P-D | 5310-680-5557 | WASHER, SPRING TENSION 310-000075-00, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3ALH1 |
| X1-D | | BOARD, PRINTED CIRCUIT- 548-7799-005, | | EA (13499) | 1 | | | | | | | | | 3-33 | A8A3AIE6 |
| X1-D | | BOARD, PRINTED CIRCUIT 548-7802-004, (13499) | | EA | 1 | | | | | | | | | 3-34 | A8A3A4E7 |
| P-D | 5910-244-1622 | CAPACITOR, FIXED, CERAMIC TC50-83; (09052) | | EA | 1 | | | | | | | * | * | 3-33 | A8A3A4C338 |
| P-D | 5910-685-9692 | CAPACITOR, FIXED, CERAMIC CK13BX103M, (81349) | | EA | 6 | | | | | | | REF | REF | 3-33 | A8A3A4C318 |
| P-D | 5910-685-9692 | CAPACITOR, FIXED, CERAMIC CK13BX103M, (81349) | | EA | REF | | | | | | | REF | REF | 3-33 | A8A3A4C319 |
| P-D | 5910-685-9692 | CAPACITOR, FIXED, CERAMIC CK13BX103M, (81349) | | EA | REF | | | | | | | REF | REF | 3-34 | A8A3A4C334 |
| P-D | 5910-685-9692 | CAPACITOR, FIXED, CERAMIC CK13BX103M, (81349) | | EA | REF | | | | | | | REF | REF | 3-33 | A8A3A4C335 |
| P-D | 5910-685-9692 | CAPACITOR, FIXED, CERAMIC CK13BX103M, (81349) | | EA | REF | | | | | | | REF | REF | 3-33 | A8A3A4C336 |
| P-D | 5910-685-9692 | CAPACITOR, FIXED, CERAMIC CK13BX103M, (81349) | | EA | REF | | | | | | | REF | REF | 3-33 | A8A3ALC3h3 |
| P-D | | CAPACITOR, FIXED, ELECTROLYTIC 150D154XCO35A2, (56289) | | EA | 2 | | | | | | | * | * | 3-34 | A8A3A4C331 |
| P-D | | CAPACITOR, FIXED, ELECTROLYTIC 150D154XCO35A2, (56289) | | EA | REF | | | | | | | REF | REF | 3-34 | ABA3A4C332 |
| P-D | | CAPACITOR, FIXED, MICA. DM15F511G301DOv4CR, (72136) | | EA | 2 | | | | | | | * | * | 3-34 | A8A3A4C330 |
| P-D | | CAPACITOR, FIXED, MICA: DM15F511CG30WV4CR, (72136) | | EA | REF | | | | | | | REF | REF | 3-34 | A8A3A4C333 |

SECTION II

TM 11-5820-509-35

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P-D | 5910-764-275e | CAPACITOR, FIXED, MICA CM04ED050D03, (81349) | | EA | 1 | | | | | | | * | * | 3-33 | A8A3AbC341 |
| P-D | 5910-089-7504 | CAPACITOR, FIXED, MICA CM04ED100D03, (81349) | | EA | 1 | | | | | | | * | * | 3-33 | A8A3A4C339 |
| P-D | | CAPACITOR, FIXED, MICA CM04ED360G03, (81349) | | EA | 2 | | | | | | | * | * | 3-34 | A8A3A4C329 |
| P-D | | CAPACITOR, FIXED, MICA CM04ED360G03, (81349) | | EA | REF | | | | | | | REF | REF | 3-33 | ABA3A4C345 |
| P-D | 5910-891-7266 | CAPACITOR, FIXED, MICA CM04ED430G03, (81349) | | EA | 1 | | | | | | | * | * | 3-34 | A8A3A4C328 |
| P-D | 5910-064-4697 | CAPACITOR, FIXED, MICA CM04ED470G03, (81349) | | EA | 1 | | | | | | | * | * | 3-34 | ABA3A4C327 |
| P-D | 5910-107-2682 | CAPACITOR, FIXED, MICA' CM04ED62F0F3; (81349) | | EA | 2 | | | | | | | * | * | 3-3 | A8A3A4C325 |
| P-D | 5910-107-2682 | CAPACITOR, FIXED, MICA CM04ED620FO3, (81349) | | EA | REF | | | | | | | REF | REF | 3-34 | A8A3A4C326 |
| P-D | 5910-960-7298 | CAPACITOR, FIXED, MICA CK04ED680Fo3; (81349) | | EA | 1 | | | | | | | * | * | 3-34 | A8A3A4C340 |
| P-D | 5910-960-7299 | CAPACITOR, FIXED, MICA CM04ED820FO3, (81349) | | EA | 1 | | | | | | | * | * | 3-34 | A&A3A4C324 |
| P-D | 5910-829-3372 | CAPACITOR, FIXED, MICA. CM04FDIIIIF03, (81349) | | EA | 1 | | | | | | | * | * | 3-33 | A8A3A4C337 |
| P-D | 5910-829-3371 | CAPACITOR, FIXED, MICA- CM04FD121F03, (81349) | | EA | 1 | | | | | | | * | * | 3-34 | A8A3A4C323 |
| P-D | 5910-078-2024 | CAPACITOR, FIXED, MICA CM04FD151F03, (81349) | | EA | 1 | | | | | | | * | * | 3-34 | A8A3A4C322 |
| P-D | 5910-069-0376 | CAPACITOR, FIXED, MICA CM04FD241F03, (81349) | | EA | 1 | | | | | | | * | * | 3-34 | A8A3A4C321 |
| P-D | 5910-118-7937 | CAPACITOR, FIXED, MICA CM04FA331F03, (81349) | | EA | 1 | | | | | | | * | * | 3-34 | A8A3A4C349 |
| P-D | 5910-830-4910 | CAPACITOR, FIXED, MICA' CM04FA361FO3, (81349) | | EA | 1 | | | | | | | * | * | 3-34 | A8A3A4C320 |
| P-D | 5961-960-7835 | SEMICONDUCTOR DEVICE, DIODE- V499, (01281) | | EA | 2 | | | | | | | * | * | 3-3 | A8A3A4CR9 |
| P-D | 5961-960-7835 | SEMICONDUCTOR DEVICE, DIODE' V499, (01281) | | EA | REF | | | | | | | REF | REF | 3-34 | A8A3A4CR10 |
| P-H-T | | COIL ASSEMBLY, RADIO FREQUENCY 5L8-7793-004, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-33 | A8A3AA1 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, REXAGON. 68-1660-26, (72962) | | EA | 4 | | | | | | | REF | REF | | A8A3A4A1H4 |
| P-D | 5305-727-8883 | SCREW, MACHINE MS51959-3, (96906) | | EA | 4 | | | | | | | REF | REF | | A8A3A4AiH4 |
| X1-D | | CAPACITOR, FIXED, MICA DH1OC020DO, (1L655) | | EA | 5 | | | | | | | | | 3-31 | A8A3AhA1C305 |
| X1-D | | CAPACITOR, FIXED, MICA DMIOCO20DO, (14655) | | EA | REF | | | | | | | | | 3-31 | A8A3A14AC307 |
| X1-D | | CAPACITOR, FIXED, MICA: DM1OC020DO, (14655) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC309 * |
| X1-D | | CAPACITOR, FIXED, MICA DM10CO20DO, (114655) | | EA | REF | | | | | | | | | 3-31 | ABA3A4A1C311 * |

* SELECT PER OPERATIONAL EQUIPMENT.

SECTION II

TM 11-5820-509-35

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, MICA DM10C020DO, (14655) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC313 . |
| X1-D | | CAPACITOR, FIXED, MICA CM04CD120J03, (81349) | | EA | 5 | | | | | | | | | 3-31 | A8A3A4AIC305 . |
| X1-D | | CAPACITOR, FIXED, MICA' CM04CD120J03, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4A1C307 . |
| X1-D | | CAPACITOR, FIXED, MICA CM04CD120J03, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4A1C309 - |
| X1-D | | CAPACITOR, FTXED, MICA CM04CD120J03, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4A1C311 . |
| X1-D | | CAPACITOR, FIXED, MICA. CM04CD120J03, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4A1C313 I |
| X1-D | | CAPACITOR, FIXED, MICA. CM04CD150J03, (81349) | | EA | 5 | | | | | | | | | 3-31 | A8A3A4AIC305 . |
| X1-D | | CAPACITOR, FIXED, MCA CM04CD150J03, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC307 . |
| X1-D | | CAPACITOR, FIXED, MICA CM04CD150J03, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC309 - |
| X1-D | | CAPACITOR, FIXED, MICA CM04CD150J03; (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC311 - |
| X1-D | | CAPACITOR, FIXED, MICA- CM04CD15W0J3, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4A1C313 . |
| X1-D | | CAPACITOR, FIXED, MICA CM04ED220J03, (81349) | | EA | 5 | | | | | | | | | 3-31 | A8A3Ah4AC305 . |
| X1-D | | CAPACITOR, FIXED, MICA CM04ED220J03, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC307 . |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED220J03, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC309 ' |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED220J03, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC311 |
| X1-D | | CAPACITOR, FIXED, MICA' CM04ED220J03, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC313 |
| X1-D | | CAPACITOR, FIXED, MICA CM04ED270G03, (81349) | | EA | 5 | | | | | | | | | 3-31 | A8A3A4AIC305 . |
| X1-D | | CAPACITOR, FIXED, MICA CM04ED270G03, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC307 * |
| X1-D | | CAPACITOR, FIXED, MICA. CM04ED270Go3, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC309 |
| X1-D | | CAPACITOR, FHXED, MICA CM04ED270G03, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC311 |
| X1-D | | CAPACITOR, FIXED, MICA CM04ED270G03, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC313 . |
| X1-D | | CAPACITOR, FIXED, MICA CM04ED300OG3, (81349) | | EA | 1 | | | | | | | | | 3-31 | A8A3A4AIC312 |
| X1-D | | CAPACITOR, FIXED, MICA CK04ED390G03, (81349) | | EA | 5 | | | | | | | | | 3-31 | A8A3A4AIC305 . |
| X1-D | | CAPACITOR, FIXED, MICA CM04ED390G03, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC307 . |
| X1-D | | CAPACITOR, FIXED, MICA CM04ED390Go3, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4A1C309 - |

* SELECT PER OPERATIONAL REQUIREMENT

SECTION II

TM 11-5820-509-35

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| XI-D | | CAPACITOR, FIXED, MICA: CD04ED390G03, (81349) | | EA | RE | | | | | | | | | 3-31 | A8A3A4AIC311 - |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED390G03; (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4A1C313 * |
| XI-D | | CAPACITOR, FIXED, MICA: CM04ED430G03, (81349) | | EA | 1 | | | | | | | | | 3-31 | A8A3AhAIC310 |
| X1-D | | CAPACITOR, FIXED, MICA. CM04ED510F03, (81349) | | EA | 5 | | | | | | | | | 3-31 | A8A3A4AIC305 . |
| XI-D | | CAPACITOR, FIXED, MICA- CM04ED51F03; (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AiC307 . |
| X1-D | | CAPACITOR, FIXED, MICA. CM04ED510F03; (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC309 . |
| X1-D | | CAPACITOR, FIXED, MICA CM04ED51CF03, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIC311 - |
| X1-D | | CAPACITOR, FIXED, MICA. CM04ED510F03; (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4A1C313 ' |
| X1-D | | CAPACITOR, FIXED, K[CA' CM04ED620F03, (81349) | | EA | 1 | | | | | | | | | 3-31 | A8A3A4AIC308 |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD101F03, (81349) | | EA | 2 | | | | | | | | | 3-31 | A8A3A4AIC3O4 |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD101F03; (81349) | | EA | RF | | | | | | | | | 3-31 | A8A3A4AIC306 |
| X1-D | | CHANNEL, COIL MDUWTINC- 548-7789-003, (13499) | | EA | 1 | | | | | | | | | | A8A3A4ALUP1 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 1 548-7805-004, (13499) | | EA | 1 | | | | | | | | | 3-31 | A8A3A4A1L125 |
| X1-D | | NUT, PLAIN, HEXAGON. 334-1290-000; (13499) | | EA | 1 | | | | | | | | | | A8A3A4AIL125H1 |
| X1-D | | WASHER, SPRING TENSION 310-0397-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4AIL125H2 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 2: 548-7807-004; (13499) | | EA | 2 | | | | | | | | | 3-31 | A8A3A4AIL126 |
| X1-D | | NUT, PLAIN, HEXAGON 334-1290-000, (13499) | | EA | 1 | | | | | | | | | | A8A3A4AL126H1 |
| X1-D | | WASKER, SPRING TENSION 310-0397-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A1L126H2 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 2- 548-7807-004, (13499) | | EA | REF | | | | | | | | | 3-31 | A8A3A4A1L142 |
| X1-D | | NUT, PLAIN, HEXAGON 334-1290-000, (13499) | | EA | 1 | | | | | | | | | | A8A3A4AIL142H2 |
| X1-D | | WASHER, SPRING TENSION 310-0397-00; (79807) | | EA | 1 | | | | | | | | | | A8A3A4A1L142HI |
| X1-D | | COIL, RADIO FREQUENCY-NO. 4: 548-7808-004, (13499) | | EA | 3 | | | | | | | | | 3-31 | A8A3AI4AL127 |
| X1-D | | NUT, PLAIN, HEXAGON 334-1290-000, (13499) | | EA | 1 | | | | | | | | | | A8A3A4AIL127H1 |
| X1-D | | WASHER, SPRING TENSION 310-0397-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4AIL127H2 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 4 548-7808-004, (13499) | | EA | REF | | | | | | | | | 3-31 | A8A3A4A1L133 |

* SELECT PER OPERATIONAL REQUIREMENT.

| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|---|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | NUT, PLAIN, HEXAGON 334-1290000; (13499) | | EA | 1 | | | | | | | | | | A8A3A4A1L133H1 |
| X1-D | | WASHER, SPRING, TENSION: 310-0397-00; (79807) | | EA | 1 | | | | | | | | | | ABA3A1LJ 332 |
| X1-D | | COIL, RADIO, FREQUENCY-NO. 4 548-7808-004; (13499) | | EA | REF | | | | | | | | 3-31 | | AA3AhA1L134 |
| X1-D | | NUT, PLAIN, HEXAGON: 334-1290-000; (1399) | | EA | 1 | | | | | | | | | | A8A3A4AL134HI |
| X1-D | | WASHER, SPRING TENSION: 310-03970; (79807) | | EA | 1 | | | | | | | | | | AA3AhA1L134H2 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 5: 548-7809-004; (13k99) | | EA | 1 | | | | | | | | 3-31 | | A:8A3A4A1L41 |
| X1-D | | NUT, PLAIN, HEXAGON: 334-129 000; (13499) | | EA | 1 | | | | | | | | | | A8A3A4A1LL14111 |
| X1-D | | WASHER, SPRING TENSION: 310-0397-00; (79807) | | EA | 1 | | | | | | | | | | A8A3A4AL14LIH2 |
| X1-D | | COIL, RADIO, FREQUENCY-NO. 6: 54B-7810-004; (13499) | | EA | 1 | | | | | | | | | 3-41 | ABA3A4AiL1L4 |
| X1-D | | NUT, PLAIN, HEXAGON. 334-1290-000; (13h99) | | EA | 1 | | | | | | | | | | A8A3A4A1LL4bOH |
| X1-D | | WASKER, SPRING, TENSION: 310-0397-0; (79807) | | EA | 1 | | | | | | | | | | AA3A4A1L140H2 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 7: 548-7811-0; (13499) | | EA | 1 | | | | | | | | | 3-31 | A8A3A4AL139 |
| X1-D | | NUT, PLAIN, HEXAGON: 334-1290-000; (13h99) | | EA | 1 | | | | | | | | | | A8A3A4AtL39H1 |
| X1-D | | WASHER, SPRING TENSION 310-0397-00; (79&O7) | | EA | 1 | | | | | | | | | | A8A3A4AiL13392 |
| X1-D | | COIL, RADIO, FREQUENCY-NO. 8: 548-T812-000, (13499) | | EA | 1 | | | | | | | | | 3-31 | 3A4A L138 |
| X1-D | | NUT, PLAIN, HEXADON: 334129002; (13499) | | EA | 1 | | | | | | | | | | A8A3A4A1L138H11 |
| X1-D | | WASHER, SPRING TENSION: 31-00397-00; (79807) | | EA | 1 | | | | | | | | | | A8A3AI4AL138H2 |
| X1-D | | RESISTOR, FIXED, COMPOSITION:: R5CGn332K; (813h9) | | EA | 3 | | | | | | | | | 3-31 | A8A3A4AIR175 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RC05Gsn3, (813h9) | | EA | REF | | | | | | | | | 3-31 | A8A3A(AKR176 |
| X1-D | | RESISTOR, FIXED, COMPOSTION:: RC050(332, (81349) | | EA | REF | | | | | | | | | 3-31 | A8A3A4AIR177 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RC05GG39; (81319) | | EA | 1 | | | | | | | | | 3-31 | A8A3A4AiR178 |
| X1-D | | RESISTOR, FIXED, COMPOSITION:: RC05G969K; (81349) | | EA | 1 | | | | | | | | | 3-31 | AA3AhAR174 |
| X1-D | | TERMINAL, LUG: 407-8HT; (77147) | | EA | 3 | | | | | | | | | | A8A3A4AIE1 |
| X1-D | | TERMAL, LUG: 4007-8HT; (77147) | | EA | REF | | | | | | | | | | AA3AAIGE2 |
| X1-D | | TERMINAL, LUG: 4007-8HT, (77147) | | EA | REF | | | | | | | | | | A8A3A4AIE3 |

SECTION II

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| ****REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (continued)**** | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | TERMINAL, LUG 5148-7800-002, (13499) | | EA | 5 | | | | | | | | | | A8A3A4A1E4 |
| X1-D | | TERMINAL, LUG 548-7800-002, (13499) | | EA | REF | | | | | | | | | | A8A3A4A1E5 |
| X1-D | | TERMINAL, LUG- 548-7800-002, (13499) | | EA | REF | | | | | | | | | | A8A3A4A1E6 |
| X1-D | | TERMINAL, LUG 548-7800-002, (13499) | | EA | REF | | | | | | | | | | A8A3A4A1E7 |
| X1-D | | TERMINAL, LUG 548-7800-002, (13499) | | EA | REF | | | | | | | | | | A8A3A4A1E8 |
| X1-D | | TERMINAL, STUD AB397-1A, (12615) | | EA | 4 | | | | | | | | | | A8A3A4A1E9 |
| X1-D | | WASHER, SPRING TENSION- 310-0075-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A1E9H1 |
| X1-D | | TERMINAL, STUD AB397-1A, (12615) | | EA | REF | | | | | | | | | | A8A3AA1E3 O |
| X1-D | | WASHER, SPRING TENSION' 310-0075-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A1A1E10H1 |
| X1-D | | TERMINAL, STUD AB397-1A, (12615) | | EA | REF | | | | | | | | | | ABA3A4A1E1I |
| X1-D | | WASHER, SPRING TENSION 310-0075-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A1E1I1H1 |
| X1-D | | TERMINAL, STUD AB397-1A, (12615) | | EA | REF | | | | | | | | | | A8A3A4A1E12 |
| X1-D | | WASHER, SPRING TENSION 310-0075-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A1E12H1 |
| P-H-T | 5950-960-7848 | COIL ASSEMBLY, RADIO FREQUENCY 548-7795-005, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-33 | A8A3A4A2 |
| P-D | | NUT, SELF-LOCKING, HEXAGON 68-1660-26, (72962) | | EA | 4 | | | | | | | REF | REF | | A8A3A4A2H4 |
| P-D | | SCREW, MACHINE MS51959-3, (96906) | | EA | 4 | | | | | | | REF | REF | | A8AB3AA2H4 |
| X1-D | | CAPACITOR, FIXED, MICA CM04CDO50DO3, (81349) | | EA | 5 | | | | | | | | | 3-32 | A8A3AhA2C299 |
| X1-D | | CAPACITOR, FIXED, MICA CM04CDO50Do3, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C301 * |
| X1-D | | CAPACITOR, FIXED, MICA CM04CDO50Do3, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C303 * |
| X1-D | | CAPACITOR, FIXED, MICA- CM04CD050Do3, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C315 ' |
| X1-D | | CAPACITOR, FIXED, MICA- CM04CDO50DO3, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C317 # |
| X1-D | | CAPACITOR, FIXED, MICA CM04CD150J03, (81349) | | EA | 6 | | | | | | | | | 3-32 | A8A3AhA2C299 ^ |
| X1-D | | CAPACITOR, FIXED, MICA CM04CD150J03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C301 * |
| X1-D | | CAPACITOR, FIXED, MICA CM04CD150J03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C303 * |
| X1-D | | CAPACITOR, FIXED, MICA CM04CD150J03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C315 * |
| * SELECT PER OPERATIONAL REQUIREMENT | | | | | | | | | | | | | | | |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, MICA: CM04CD150J03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C316 |
| X1-D | | CAPACITOR, FIXED, MICA: CM04CD150J03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C317 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED200J03, (81349) | | EA | 6 | | | | | | | | | 3-32 | A8A3A4A2C299 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED200J03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C301 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED200J03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C303 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED200J03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C314 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED200J03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C315 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED200J03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C317 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED240J03, (81349) | | EA | 5 | | | | | | | | | 3-32 | A8A3A4A2C299 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED240J03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C301 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED240J03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C303 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED240J03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C315 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED240J03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C317 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED270G03, (81349) | | EA | 5 | | | | | | | | | 3-32 | A8A3A4A2C299 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED270G03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C301 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED270G03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C303 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED270G03; (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C315 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED270G03; (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C317 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED620F03, (81349) | | EA | 5 | | | | | | | | | 3-32 | A8A3A4A2C299 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED620F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C301 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED620F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3AE2C303 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED620F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C315 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED620F03, (813.9) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C317 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED820F03, (81349) | | EA | 5 | | | | | | | | | 3-32 | A8A3A4A2C299 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED820F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C301 * |

*SELECT PER OPERATIONAL REQUIREMENT.

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, MICA: CM04EDB20F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C303 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED820F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C315 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04ED820F03; (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C317 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD910F03; (81349) | | EA | 5 | | | | | | | | | 3-32 | A8A3A4A2C299 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD910F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C301 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD910F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3ALA2C303 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD910F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C315 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD910F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C317 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD101F03, (81349) | | EA | 5 | | | | | | | | | 3-32 | A8A3A4A2C299 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD101F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C301 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD101F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C303 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD101F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C315 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD101F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C317 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD111F03, (81349) | | EA | 5 | | | | | | | | | 3-32 | A8A3A4A2C299 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD111F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C301 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD111F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C303 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD111F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C315 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD111F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C317 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD121F03, (81349) | | EA | 1 | | | | | | | | | 3-32 | A8A3A4A2C302 |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD131F03, (81349) | | EA | 5 | | | | | | | | | 3-32 | A8A3A4A?C299 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD131F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C301 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD131F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C303 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD131F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C315 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD131F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C317 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD151F03, (81349) | | EA | 6 | | | | | | | | | 3-32 | A8A3A4A2C299 * |

* SELECT PER OPERATIONAL REQUIREMENT.

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD151F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C300 |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD151F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C301 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD151F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C303 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD151F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C315 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FD151F03, (81349) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2C317 * |
| X1-D | | CAPACITOR, FIXED, MICA: CM04FA361F03, (81349) | | EA | 1 | | | | | | | | | 3-32 | A8A3A4A2C298 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 1: 548-7805-004, (13499) | | EA | 1 | | | | | | | | | 3-32 | A8A3A4A2L144 |
| X1-D | | NUT, PLAIN, HEXAGON: 334-1290-000, (13499) | | EA | 1 | | | | | | | | | | A8A3ABA2L144H1 |
| X1-D | | WASHER, SPRING TENSION: 310-0397-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A2L144H2 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 2: 548-7806-000,(13499) | | EA | 1 | | | | | | | | | 3-32 | A8A3A4A2L143 |
| X1-D | | NUT, PLAIN, HEXAGON: 334-1290-000, (13499) | | EA | 1 | | | | | | | | | | A8A3A4A2L143H1 |
| X1-D | | WASHER, SPRING TENSION: 310-0397-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A2L143H2 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 4: 548-7808-004, (13499) | | EA | 5 | | | | | | | | | 3-32 | A8A3A4A2L128 |
| X1-D | | NUT, PLAIN, HEXAGON: 334-1290-000, (13499) | | EA | 1 | | | | | | | | | | A8A3A4A2L128H1 |
| X1-D | | WASHER, SPRING TENSION: 310-0397-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A2L128H2 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 4: 548-7808-004 (13499) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2L129 |
| X1-D | | NUT, PLAIN, HEXAGON: 334-1290-000, (13499) | | EA | 1 | | | | | | | | | | A8A3A4A2L129H1 |
| X1-D | | WASHER, SPRING TENSION: 310-0397-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A2L129H2 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 4: 548-7808-004, (13499) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2L130 |
| X1-D | | NUT, PLAIN, HEXAGON: 334-1290-000, (13499) | | EA | 1 | | | | | | | | | | A8A3A4A2L130H1 |
| X1-D | | WASHER, SPRING TENSION: 310-0397-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A2L130H2 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 4: 548-7808-004, (13499) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2L131 |
| X1-D | | NUT, PLAIN, HEXAGON 334-1290-000, (13499) | | EA | 1 | | | | | | | | | | A8A3A4A2L131H1 |
| X1-D | | WASHER, SPRING TENSION: 310-0397-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A2L131H2 |
| X1-D | | COIL, RADIO FEQUENCY-NO. 4 548-7808-004, (13499) | | EA | REF | | | | | | | | | 3-32 | A8A3A4A2L132 |

* SELECT PER OPERATIONAL REQUIREMENT.

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | NUT, PLAIN, HEXAGON: 334-1290-000, (13499) | | EA | 1 | | | | | | | | | | A8A3A4A2L132H1 |
| X1-D | | WASHER, SPRING TENSION: 310-0397-00; (79807) | | EA | 1 | | | | | | | | | | A8A3A4A2L132H2 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 9: 548-7813-004, (13499) | | EA | 1 | | | | | | | | 3-32 | | A8A3A4A2L137 |
| X1-D | | NUT, PLAIN, HEXAGON: 334-1290-000, (13499) | | EA | 1 | | | | | | | | | | A8A384A2L137H1 |
| X1-D | | WASHER, SPRING TENSION: 310-0397-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A2L137H2 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 10: 548-7814-004, (13499) | | EA | 1 | | | | | | | | 3-32 | | A8A3A4A2L136 |
| X1-D | | NUT, PLAIN, HEXAGON: 334-1290-000, (13499) | | EA | 1 | | | | | | | | | | A8A3A4A2L136H1 |
| X1-D | | WASHER, SPRING TENSION: 310-0397-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A2L136H2 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 11: 548-7815-004, (13499) | | EA | 1 | | | | | | | | 3-32 | | A8A3A4A2L135 |
| X1-D | | NUT, PLAIN, HEXAGON 334-1290-000; (13499) | | EA | 1 | | | | | | | | | | A8A3A4A2L135H1 |
| X1-D | | WASHER, SPRING TENSION: 310-0397-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A2L135H2 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR05GF682K; (81349) | | EA | 2 | | | | | | | | 3-32 | | A8A3A4A2R173 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR05GF682K, (81349) | | EA | REF | | | | | | | | 3-32 | | A8A3A4A2R179 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RC05GF822K, (81349) | | EA | 1 | | | | | | | | 3-32 | | A8A3A4A2R172 |
| X1-D | | TERMINAL, LUG: 4007-8HT; (77147) | | EA | 3 | | | | | | | | | | A8A3A4A2E1 |
| X1-D | | TERMINAL, LUG: 4007-8HT, (77147) | | EA | REF | | | | | | | | | | A8A3A4A2E2 |
| X1-D | | TERMINAL, LUG: 4007-8HT, (77147) | | EA | REF | | | | | | | | | | A8A3A4A2E3 |
| X1-D | | TERMNAL, LUG: 548-7800-002; (13499) | | EA | 5 | | | | | | | | | | A8A3A4A2E4 |
| X1-D | | TERMINAL, LUG 548-7800-002, (13499) | | EA | REF | | | | | | | | | | A8A3A4A2E5 |
| X1-D | | TERMINAL, LUG: 548-7800-002, (13499) | | EA | REF | | | | | | | | | | A8A3A4A2E6 |
| X1-D | | TERMINAL, LUG: 548-7800-002, (13499) | | EA | REF | | | | | | | | | | A8A3A4A2E7 |
| X1-D | | TERMINAL, LUG: 548-7800-002, (13499) | | EA | REF | | | | | | | | | | A8A3A4A2E8 |
| X1-D | | TERMINAL, STUD: AB397-1A, (12615) | | EA | 4 | | | | | | | | | | A8A3A4A2E9 |
| X1-D | | WASHER, SPRING TENSION. 310-0075-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A2E9H1 |
| X1-D | | TERMINAL, STUD AB397-1A, (12615) | | EA | REF | | | | | | | | | | A8A3A4A2E10 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | WASHER, SPRING TENSION: 310-0075-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A2E10H1 |
| X1-D | | TERMINAL, STUD: AB397-1A, (12615) | | EA | REF | | | | | | | | | | A8A3A4A2E11 |
| X1-D | | WASHER, SPRING TENSION: 310-0075-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A2E11H1 |
| X1-D | | TERMINAL, STUD: AB397-1A, (12615) | | EA | REF | | | | | | | | | | A8A3A4A2E12 |
| X1-D | | WASHER, SPRING TENSION: 310-0075-00, (79807) | | EA | 1 | | | | | | | | | | A8A3A4A2E12H1 |
| P-D | 5325-174-5317 | GROMMET, RUBBER: MS35489-4, (96906) | | EA | 2 | | | | | | | REF | REF | | A8A3A4H1 |
| P-D | 5325-174-5317 | GROMMET, RUBBER: MS35489-4, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3A4H2 |
| P-D | | GUIDE, SWITCH-NO. 1: 58-7870-004, (13499) | | EA | 1 | | | | | | | * | * | | A8A3A4MP1 |
| P-D | 5305-777-6039 | SCREW, MACHINE: MS51959-12, (96906) | | EA | 3 | | | | | | | * | * | | A8A3A4MP1H1 |
| P-D | 5305-777-6039 | SCREW, MACHINE: MS51959-12, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3A4MP1H2 |
| P-D | 5305-777-6039 | SCREW, MACHINE: MS51959-12, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3A4MP1H3 |
| P-D | | GUIDE, SWITCH-NO. 2: 548-7872-004, (13499) | | EA | 1 | | | | | | | * | * | | A8A3A4MP2 |
| P-D | 5305-777-6039 | SCREW, MACHINE: MS51959-12, (96906) | | EA | 3 | | | | | | | REF | REF | | A8A3A4MP2H1 |
| P-D | 5305-777-6039 | SCREW, MACHINE: MS51959-12, (96960) | | EA | REF | | | | | | | REF | REF | | A8A3A4MP2H2 |
| P-D | 5305-777-6039 | SCREW, MACHINE: MS51959-12, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3A4MP2H3 |
| P-D | 5305-151-2336 | SCREW, MACHINE: P342-0162-000, (77250) | | EA | 2 | | | | | | | * | * | | A8A3A4MP2H4 |
| P-D | 5305-151-2336 | SCREW, MACHINE: P342-0162-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A3A4MP2H5 |
| P-D | | NUT, SLEEVE: 548-7782-002, (13499) | | EA | 2 | | | | | | | * | * | | A8A3A4MP3 |
| P-D | | NUT, SLEEVE: 548-7782-002, (13499) | | EA | REF | | | | | | | REF | REF | | A8A3A4P4 |
| P-D | | RESISTOR, FIXED, COMPOSITION: RCR07G102KS, (81349) | | EA | 1 | | | | | | | REF | REF | 3-33 | A7A3A4R161 |
| P-D | | RESISTOR, FIXED, COMPOSITION RCR07G182KS, (81349) | | EA | 1 | | | | | | | * | * | 3-33 | A8A3A4R171 |
| P-D | | RESISTOR, FIXED, COMPOSITION RCR07G272KS, (81349) | | EA | 2 | | | | | | | REF | REF | 3-34 | A8A3A4R168 |
| P-D | | RESISTOR, FIXED, COMPOSITION RCR07G272KS, (81349) | | EA | REF | | | | | | | REF | REF | 3-34 | A8A3A4R170 |
| P-D | 5905-752-3340 | RESISTOR, FIXED, COMPOSITION RCR07G472KS, (81349) | | EA | 1 | | | | | | | REF | REF | 3-33 | A8A3A4R159 |
| P-D | | RESISTOR, FIXED, COMPOSITION RCR07G562KS, (81349) | | EA | 1 | | | | | | | REF | REF | 3-33 | A8A3A4R160 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|---|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) | (b) |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | FIG NO. | ITEM NO. OR REFERENCE DESIGNATION |
| P-D | | RESISTOR, FIXED, COMPOSITION: RCR07G104KS; (81349) | | EA | 4 | | | | | | | * | * | 3-34 | A8A3A4R165 |
| P-D | | RESISTOR, FIXED, COMPOSITION: RCR07G104KS; (81349) | | EA | REF | | | | | | | REF | REF | 3-34 | A8A3A4R166 |
| P-D | | RESISTOR, FIXED, COMPOSITION RCR07G104KS; (81349) | | EA | REF | | | | | | | REF | REF | 3-34 | A8A3A4R167 |
| P-D | | RESISTOR, FIXED, COMPOSITION. RCR07G104KS, (81349) | | EA | REF | | | | | | | REF | REF | 3-34 | A8A3A4R169 |
| P-D | 5905-068-1538 | RESISTOR, FIXED, FILM: RW60D2611F; (81349) | | EA | 1 | | | | | | | * | * | 3-33 | A8A3A4R157 |
| P-D | 5905-985-5435 | RESISTOR, FIXED, FILM: RW60D7501F; (81349) | | EA | 1 | | | | | | | * | * | 3-34 | A8A3A4R164 |
| P-D | 5905-892-6578 | RESISTOR, FIXED: RN60D1212F; (81349) | | EA | 1 | | | | | | | * | * | 3-34 | A8A3A4R163 |
| P-D | 5905-761-1905 | RESISTOR, FIXED, FILM: RW60D1332F; (81349) | | EA | 2 | | | | | | | * | * | 3-33 | A8A3A4R158 |
| P-D | 5905-761-1905 | RESISTOR, FIXED, FILM: RW60D1332F; (81349) | | EA | REF | | | | | | | REF | REF | 3-33 | A8A3A4R180 |
| P-D | 5905-990-2246 | RESISTOR, FIXED, FILM: RN60D1101F; (81349) | | EA | 1 | | | | | | | * | * | 3-33 | A8A3A4R156 |
| M-D | | SPACER, SLEEVE: 548-7786-003, (13499) | | EA | 2 | | | | | | | | | | A8A3A4MP5 |
| M-D | | SPACER, SLEEVE: 548-7786-003; (13499) | | EA | REF | | | | | | | | | | A8A3A4MP6 |
| M-D | | SPACER, SLEEVE: 548-7787-003; (13499) | | EA | 2 | | | | | | | | | | A8A3A4MP7 |
| M-D | | SPACER, SLEEVE: 548-7787-003, (13499) | | EA | REF | | | | | | | | | | A8A3A4MP8 |
| M-D | | SPACER, SLEEVE: 548-7788-03, (13499) | | EA | 2 | | | | | | | | | | A8A3A4MP9 |
| M-D | | SPACER, SLEEVE: 548-7788-003, (13499) | | EA | REF | | | | | | | | | | A8A3A4MP10 |
| P-D | 5930-960-7842 | SWITCH, SECTION ROTARY: 232084FC; (76854) | | EA | 1 | | | | | | | * | * | 3-34 | A8A3A4S7 |
| P-D | 5930-078-1717 | SWITCH, SECTION ROTARY: 232085FC; (76854) | | EA | 1 | | | | | | | * | * | 3-33 | A8A3A4S10 |
| P-D | 5930-960-7841 | SWITCH, SECTION ROTARY: 232668FC; (76854) | | EA | 1 | | | | | | | * | * | 3-33 | A8A3AS6 |
| P-D | | TERMINAL, LUG: 4040-2HT, (77147) | | EA | 4 | | | | | | | REF | REF | | A8A3AE1 |
| P-D | 5305-576-6002 | SCREW, MACHINE: P343-0298-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3A4E1H1 |
| P-D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3A4E1H2 |
| P-D | | TERMINAL, LUG: 4040-2HT, (77147) | | EA | REF | | | | | | | REF | RED | | A8A3A4E2 |
| P-D | 5305-576-6002 | SCREW, MACHINE: P343-0298-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3A4E2H1 |
| P-D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3A4E2H2 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | | TERMINAL, LUG: 4040-2HT, (77147) | | EA | REF | | | | | | | REF | REF | | A8A3A4E3 |
| P-D | 5310-208-7021 | NUT, PLAIN, HEXAGON: P313-0156-000, (77250) | | EA | 1 | | | | | | | * | * | | A8A3A4E3H1 |
| P-D | 5305-576-6002 | SCREW, MACHINE: P343-0298-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3A4E3H2 |
| P-D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3A4E3H3 |
| P-D | | TERMINAL, LUG: 4040-2HT, (77147) | | EA | REF | | | | | | | REF | REF | | A8A3A4E4 |
| P-D | 5310-208-702 1 | NUT, PLAIN, HEXAGON: P313-0156-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3A4E4H1 |
| P-D | 5305-576-6002 | SCREW, MACHINE P341-0298-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3A4E4H2 |
| P-D | 5305-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3A4E4H3 |
| P-D | 5961-953-4485 | TRANSISTOR: 2N917, (07688) | | EA | 2 | | | | | | | * | * | 3-33 | A8A3A4Q20 |
| P-D | 5961-953-4485 | TRANSISTOR: 2N917, (07688) | | EA | REF | | | | | | | REF | REF | 3-33 | A8A3A4Q21 |
| M-D | | PAD, RUBBER: 548-7761-002, (13499) | | EA | 4 | | | | | | | | | | A8A3MP18 |
| M-D | | PAD, RUBBER: 548-7761-002, (13499) | | EA | REF | | | | | | | | | | A8A3MP19 |
| M-D | | PAD, RUBBER: 548-7761-002, (13499) | | EA | REF | | | | | | | | | | A8A3MP20 |
| M-D | | PAD, RUBBER: 548-7761-002; (13499) | | EA | REF | | | | | | | | | | A8A3MP21 |
| P-D | 5315-847-3735 | PIN, SPRING, SELF-LOCKING: MS16562-190, (96906) | | EA | 2 | | | | | | | * | * | | A8A3MP22 |
| P-D | 5315-847-3735 | PIN, SPRING, SELF-LOCKING: MS16562-190, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3MP23 |
| M-D | | PLATE ASSEMBLY, TOP: 548-7912-00, (13499) | | EA | 1 | | | | | | | | | | A8A3MP24 |
| P-D | 5305-777-6039 | SCREW, MACHINE: MS51959-12, (96906) | | EA | 4 | | | | | | | REF | REF | | A8A3MP24H1 |
| P-D | 5305-777-6039 | SCREW, MACHINE: MS51959-12, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3MP24H2 |
| P-D | 5305-777-6039 | SCREW, MACHINE MS51959-12, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3MP243 |
| P-D | 5305-777-6039 | SCREW, MACHINE MS51959-12, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3MP24H4 |
| P-D | 5305-054-5647 | SCREW, MACHINE MS51957-13, (96906) | | EA | 16 | | | | | | | REF | REF | | A8A3MP24H5 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3MP24H6 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3MP24H7 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3MP24H8 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H9 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H10 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H11 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H12 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H13 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H14 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H15 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H16 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H17 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H18 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H19 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H20 | |
| P-D | | WASHER, LOCK: MS35338-13, (96906) | | EA | 16 | | | | | | | REF | REF | A8A3MP24H21 | |
| P-D | | WASHER, LOCK: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H22 | |
| P-D | | WASHER, LOCK: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H23 | |
| P-D | | WASHER, LOCK: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H24 | |
| P-D | | WASHER, LOCK: MS35338-135; (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H25 | |
| P-D | | WASHER, LOCK: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H26 | |
| P-D | | WASHER, LOCK: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H27 | |
| P-D | | WASHER, LOCK: MS35338-135; (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H28 | |
| P-D | | WASHER, LOCK: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H29 | |
| P-D | | WASHER, LOCK: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H30 | |
| P-D | | WASHER, LOCK: MS35338-135; (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H31 | |
| P-D | | WASHER, LOCK: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H32 | |
| P-D | | WASHER, LOCK: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP24H33 | |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | | WASHER, LOCK: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3MP24M34 |
| P-D | | WASHER, LOCK: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3MP24H35 |
| P-D | | WASHER, LOCK: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3MP24H36 |
| M-D | | PLATE, CONNECTOR: 548-7882-004, (13499) | | EA | 1 | | | | | | | | | | A8A3MP25 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | 23 | | | | | | | REF | REF | | A8A3MP25H1 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H2 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H3 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H4 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H5 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H6 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H7 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H8 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H9 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H10 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H11 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H12 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H13 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H15 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H16 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H17 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H18 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H19 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H20 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H21 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H22 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | REF | | | | | | | REF | REF | | A8A3MP25H23 |
| M-D | | PLATE, ELECTRICAL SHIELD: 549-6601-003, (13h99) | | EA | 1 | | | | | | | | | | A8A3MP26 |
| M-D | | PLATE, FRONT PRESSED: 549-5921-003, (13499) | | EA | 1 | | | | | | | | | | A8A3A5 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | 6 | | | | | | | REF | REF | | A8A3A5H6 |
| M-D | 5340-479-9197 | INSERT, SCREW THREAD: MS122119, (96906) | | EA | 2 | | | | | | | | | | A8A3A5MP1 |
| M-D | 5340-479-9197 | INSERT, SCREW THREAD: MS122119; (96906) | | EA | REF | | | | | | | | | | A8A3A5MP2 |
| M-D | | PIN, LOCATING: 549-5878-002; (13499) | | EA | 1 | | | | | | | | | | A8A3A5MP3 |
| M-D | | PLATE, FRONT: 549-5952-004; (13499) | | EA | 1 | | | | | | | | | | A8A3A5MP4 |
| M-D | | SHAFT, STRAIGHT-ARM: 549-5866-002, (13499) | | EA | 1 | | | | | | | | | | A8A3A5MP5 |
| M-D | | PLATE, MOUNTING, COIL: 548-7779-003, (13499) | | EA | 1 | | | | | | | | | | A8A3MP26 |
| P-D | 5305-764-2966 | SCREW, MACHINE: MS51959-2, (96906) | | EA | 3 | | | | | | | * | * | | A8A3MP26H1 |
| P-D | 5305-764-2966 | SCREW, MACHINE: MS51959-2, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3MP26H2 |
| P-D | 5305-764-2966 | SCREW, MACHINE: MS51959-2, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3MP26H3 |
| M-D | | PLATE, REAR-PRESSED: 549-5922-003, (13499) | | EA | 1 | | | | | | | | | | A8A3A6 |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M, (03038) | | EA | 6 | | | | | | | REF | REF | | A8A3A6H6 |
| M-D | 5340-479-9197 | INSERT, SCREW THREAD MS122119, (96906) | | EA | 2 | | | | | | | | | | A8A3A6MP1 |
| M-D | 5340-479-9197 | INSERT, SCREW THREAD: MS122119, (96906) | | EA | REF | | | | | | | | | | A8A3A6MP2 |
| M-D | | PIN, LOCATING: 549-5878-002, (13499) | | EA | 1 | | | | | | | | | | A8A3A6MP3 |
| P-D | 5315-614-3586 | PIN, SPRING, TUBULAR, SLOTTED: MS16562-212, (96906) | | EA | 2 | | | | | | | * | * | | A8A3A6MP4 |
| P-D | 5315-614-3586 | PIN, SPRING, TUBULAR, SLOTTED: MS16562-212, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3A6MP5 |
| M-D | | PLATE, REAR: 549-5953-004, (13499) | | EA | 1 | | | | | | | | | | A8A3A6MP6 |
| M-D | 5325-975-7643 | SHAFT, STRAIGHT-ARM: 549-5866-002, (13499) | | EA | 1 | | | | | | | | | | A8A3A6MP7 |
| P-D | 3020-985-3351 | PULLEY; FLAT-IDLER: 549-5859-002, (13499) | | EA | 2 | | | | | | | * | * | | A8A3MP27 |
| P-D | 3020-985-3351 | PULLEY, FLAT-IDLER: 549-5859-002, (13499) | | EA | REF | | | | | | | REF | REF | | A8A3MP28 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| M-D | 5820-975-7641 | RAIL, RACK-LEFT: 549-5865-002, (13499) | | EA | 1 | | | | | | | | | | A8A3MP29 |
| M-D | 5820-975-7640 | RAIL, RACK-RIGHT: 549-5864-002, (13499) | | EA | 1 | | | | | | | | | | A8A3MP30 |
| P-D | 5960-617-5785 | RETAINER, ELECTRON TUBE: 541-6522-002, (13499) | | EA | 1 | | | | | | | | | | A8A3MP31 |
| P-D | 5905-825-2360 | RESISTOR, FIXED, COMPOSITION: RCR07G221KS, (81349) | | EA | 1 | | | | | | | REF | REF | 3-41 | A8A3R181 |
| P-D | | RESISTOR, FIXED, COMPOSITION: RCR07G102KS, (81349) | | EA | 1 | | | | | | | REF | REF | 3-41 | A8A3R88 |
| P-D | 5905-752-3157 | RESISTOR, FIXED, COMPOSITION: RCR07G273KS, (81349) | | EA | 1 | | | | | | | REF | REF | 3-40 | A8A3R18 |
| P-D | 5905-686-4530 | RESISTOR, FIXED, COMPOSITION: RCR07G104KS, (81349) | | EA | 1 | | | | | | | REF | REF | 3-40 | A8A3R19 |
| P-D | 5905-816-8554 | RESISTOR, FIXED, COMPOSITION: RCR07G103KS, (81349) | | EA | 1 | | | | | | | REF | REF | 3-40 | A8A3R17 |
| P-D | 5905-033-9852 | RESISTOR, FIXED, COMPOSITION: RCR32G101KS, (81349) | | EA | 1 | | | | | | | * | * | 3-40 | A8A3R20 |
| P-D | | RESISTOR, FIXED, COMPOSITION: RC42GF123K, (81349) | | EA | 2 | | | | | | | * | * | 3-41 | A8A3R82 |
| P-D | | RESISTOR, FIXED, COMPOSITION: RC42GF123K, (81349) | | EA | REF | | | | | | | REF | REF | 3-41 | A8A3R182 |
| P-D | 5340-282-1633 | RING, RETAINING: MS16633-1018, (96906) | | EA | 4 | | | | | | | * | * | | A8A3H9 |
| P-D | 5340-282-1633 | RING, RETAINING: MS16633-1018, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3H10 |
| P-D | 5340-282-1633 | RING, RETAINING: MS16633-1018, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3H11 |
| P-D | 5340-282-1633 | RING, RETAINING: MS16633-1018, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3H12 |
| P-D | 5340-598-1267 | RING, RETAINING: 5133-15C, (79136) | | EA | 6 | | | | | | | * | * | | A8A3H13 |
| P-D | 5340-598-1267 | RING, RETAINING: 5133-15C, (79136) | | EA | REF | | | | | | | REF | REF | | A8A3H14 |
| P-D | 5340-598-1267 | RING, RETAINING: 5133-15C, (79136) | | EA | REF | | | | | | | REF | REF | | A8A3H15 |
| P-D | 5340-598-1267 | RING, RETAINING: 8433-15C, (79136) | | EA | REF | | | | | | | REF | REF | | A8A3H16 |
| P-D | 5340-598-1267 | RING, RETAINING: 5133-15C, (79136) | | EA | REF | | | | | | | REF | REF | | A8A3H17 |
| P-D | 5340-598-1267 | RING, RETAINING: 5133-15C, (79136) | | EA | REF | | | | | | | REF | REF | | A8A3H18 |
| P-D | 5365-200-8530 | RING, RETAINING: 5133-15C, (79136) | | EA | 5 | | | | | | | * | * | | A8A3H19 |
| P-D | | RING, RETAINING: 5101-37MD, (89462) | | EA | REF | | | | | | | REF | REF | | A8A3H20 |
| P-D | | RING, RETAINING: 5101-37MD, (89462) | | EA | REF | | | | | | | REF | REF | | A8A3H21 |
| P-D | | RING, RETAINING: 5101-37MD, (89L62) | | EA | REF | | | | | | | REF | REF | | A8A3H22 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | | RING, RETAINING: 5101-37MD, (89462) | | EA | REF | | | | | | | REF | REF | | A8A3H23 |
| P-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3036A, (07688) | | EA | 1 | | | | | | | * | * | 3-41 | A8A3CR7 |
| M-D | 5820-975-7642 | SHAFT ASSEMBLY, DRIVE: 549-5870-002, (13499) | | EA | 1 | | | | | | | | | | A8A3A7 |
| P-D | 5315-531-9482 | PIN, SPRING, TUBULAR, SLOTTED: MS16562-197, (96906) | | EA | 2 | | | | | | | * | * | | A8A3A7MP1 |
| P-D | 5315-531-9482 | PIN, SPRING, TUBULAR, SLOTTED: MS16562-197, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3A7MP2 |
| P-D | 3020-432-1739 | PULLEY, FLAT, DRIVE: 549-5861-002, (13499) | | EA | 2 | | | | | | | * | * | | A8A3A7MP3 |
| P-D | | PULLEY, FLAT, DRIVE: 549-5861-002, (13499) | | EA | REF | | | | | | | REF | REF | | A8A3A7MP4 |
| M-D | | SHAFT, STRAIGHT-LOWER: 549-5857-002, (13499) | | EA | 1 | | | | | | | | | | A8A3A7MP5 |
| M-D | 5315-987-8790 | SHAFT, STRAIGHT-UPPER: 549-5858-002, (13499) | | EA | 1 | | | | | | | | | | A8A3A7MP6 |
| M-D | 5820-975-7638 | SHAFT ASSEMBLY, SWITCH: 549-5887-002, (13499) | | EA | 1 | | | | | | | | | | A8A3A8 |
| M-D | | COUPLING, HALF ASSEMBLY-SWITCH 549-5882-002, (13499) | | EA | 1 | | | | | | | | | | A8A3A8A1 |
| M-D | | COUPLING, HALF SHAFT-NO. 2: 549-5854-002, (13499) | | EA | 1 | | | | | | | | | | A8A3A8A1MP1 |
| M-D | | INSERT, FLEXIBLE COUPLING: 549-5720-002, (13499) | | EA | 1 | | | | | | | | | | A8A3A8A1MP2 |
| M-D | | PIN, SHOULDER HEADED: 549-5721-002, (13499) | | EA | 1 | | | | | | | | | | A8A3A8A1MP3 |
| P-D | 5315-853-0681 | PIN, SPRING, TUBULAR SLOTTED: MS16562-201, (96906) | | EA | 1 | | | | | | | * | * | | A8A3A8MP1 |
| M-D | | SHAFT, STRAIGHT: 549-5846-002, (13499) | | EA | 1 | | | | | | | | | | A8A3A8MP2 |
| M-D | | SHIELD, COIL, RIVETED: 756-3173-002, (13499) | | EA | 1 | | | | | | | | | | A8A3E10 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | 2 | | | | | | | REF | REF | | A8A3E10H1 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3E10H2 |
| P-D | | WASHER, LOCK: MS35338-135, (96906) | | EA | 2 | | | | | | | REF | REF | | A8A3E10H3 |
| P-D | | WASHER, LOCK: MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3E10H4 |
| P-D | | SOCKET, ELECTRON TUBE: 59-410-1003; (02660) | | EA | 1 | | | | | | | * | * | 3-40 | A8A3XV3 |
| P-D | 5310-206-7021 | NUT, PLAIN, HEXAGON: P313-0156-000, (77250) | | EA | 2 | | | | | | | REF | REF | | A8A3XV3H1 |
| P-D | 5310-208-7021 | NUT, PLAIN, HEXAGON: P313-0156-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A3XV3H2 |
| P-D | 5305-616-2568 | SCREW, MACHINE: P343-0285-000, (77250) | | EA | 2 | | | | | | | REF | REF | | A8A3XV3H3 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|---|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) | (b) |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | FIG NO. | ITEM NO. OR REFERENCE DESIGNATION |
| P-D | 5305-616-2568 | SCREW, MACHINE: P33-0285-000, (77250) | | EA | REF | | | | | | | REF | REF | A8A3XV3H4 | |
| P-D | 5310-685-1971 | WASHER, SPRING TENSION: 310-0396-00, (79807) | | EA | 2 | | | | | | | REF | REF | ABA3XV3H5 | |
| P-D | 5310-685-1971 | WASHER, SPRING TENSION: 310-0396-00, (79807) | | EA | REF | | | | | | | REF | REF | A8A3XV3H6 | |
| M-D | | SPACER, SLEEVE, SLOTTED: 549-5886-002, (13499) | | EA | 4 | | | | | | | | | A8A3MP32 | |
| M-D | | SPACER, SLEEVE, SLOTTED: 549-5886-002, (13499) | | EA | REF | | | | | | | | | A8A3MP33 | |
| M-D | | SPACER, SLEEVE, SLOTTED: 549-5886-002 (13499) | | EA | REF | | | | | | | | | A8A3MP34 | |
| M-D | | SPACER, SLEEVE, SLOTTED: 549-5886-002, (13499) | | EA | REF | | | | | | | | | A8A3MP35 | |
| M-D | 5340-984-7536 | SPRING, HELICAL EXTENSION: 549-5868-002, (13499) | | EA | 2 | | | | | | | | | A8A3MP36 | |
| M-D | 5340-984-7536 | SPRING, HELICAL EXTENSION: 549-5868-002, (13499) | | EA | REF | | | | | | | | | A8A3MP37 | |
| M-D | | STRIP, SHIELD NO. 1: 756-3175-003; (13499) | | EA | 1 | | | | | | | | | A8A3E12 | |
| M-D | | STRIP, SHIELD NO. 2: 756-3176-003, (13499) | | EA | 1 | | | | | | | | | A8A3E13 | |
| M-D | | STRIP, SHIELD NO. 3: 756-3177-003; (13499) | | EA | 1 | | | | | | | | | A8A3E14 | |
| P-D | 5305-054-5636 | SCREW, MACHINE: MS51957-2, (96906) | | EA | 2 | | | | | | | REF | REF | A8A3E13H1 | |
| P-D | 5305-054-5636 | SCREW, MACHINE: MS51957-2, (96906) | | EA | REF | | | | | | | REF | REF | A8A3E13H2 | |
| P-D | 5310-928-2690 | WASHER, LOCK: MS35338-134, (96906) | | EA | 2 | | | | | | | REF | REF | A8A3E13H3 | |
| P-D | 5310-928-2690 | WASHER, LOCK: MS35338-134, (96906) | | EA | REF | | | | | | | REF | REF | A8A3E13H4 | |
| P-D | | STRIP, SHIELDING, ELECTRICAL: 548-7792-004, (13499) | | EA | 1 | | | | | | | | | A8A3E15 | |
| P-D | 5305-054-5636 | SCREW, MACHINE: MS51957-2, (96906) | | EA | 2 | | | | | | | REF | REF | A8A3E15H1 | |
| P-D | 5305-054-5636 | SCREW, MACHINE: MS51957-2, (96906) | | EA | REF | | | | | | | REF | REF | A8A3E15H2 | |
| P-D | 5310-928-2690 | WASHER, LOCK: MS35338-134, (96906) | | EA | 2 | | | | | | | REF | REF | A8A3E15H3 | |
| P-D | 5310-928-2690 | WASHER, LOCK: MS35338-134, (96906) | | EA | REF | | | | | | | REF | REF | A8A3E15H4 | |
| P-D | 5820-007-9545 | TABLE, ADJUSTABLE SLUG: 549-5893-003, (13499) | | EA | 1 | | | | | | | * | * | A8A3MP38 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96 906) | | EA | 4 | | | | | | | REF | REF | A8A3MP38H1 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP38H2 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | A8A3MP38H3 | |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|---|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) | (b) |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | FIG NO. | ITEM NO. OR REFERENCE DESIGNATION |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3MP38H4 |
| P-D | | WASHER, FLAT-MAIN IDLER: 502-1515-002; (13499) | | EA | 4 | | | | | | | * | * | | A8A3MP38H5 |
| P-D | | WASHER, FLAT-MAIN IDLER: 502-1515-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A3MP38H6 |
| P-D | | WASHER, FLAT-MAIN IDLER: 502-1515-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A3MP38H7 |
| P-D | | WASHER, FLAT-MAIN IDLER: 502-1515-002, (13499) | | EA | REF | | | | | | | REF | REF | | A8A3MP38H8 |
| P-D | 5340-975-T637 | POST, ELECTRICAL MECHANICAL: 549-5709-002; (13499) | | EA | 1 | | | | | | | REF | REF | | A8A3E16 |
| P-D | 5305-616-2568 | SCREW, MACHINE: P343-0285-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E16H1 |
| P-D | | WASHER, SPRING TENSION: 310-0396-00; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3E16H2 |
| P-D | | TERMINAL, LUG: 4007-4HT; (77147) | | EA | 13 | | | | | | | | | | A8A3E17 |
| P-D | 5310-93h-9740 | NUT, PLAIN HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A3E17H1 |
| P-D | 5305-685-7072 | SCREW, MACHINE: P330-2284-000, (77250) | | EA | 1 | | | | | | | * | * | | A8A3E17H2 |
| P-D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3E17H3 |
| P-D | | TERMINAL, LUG: 4007-4HT, (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E18 |
| P-D | 5310-934-97T0 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A3E18H1 |
| P-D | 5305-685-7072 | SCREW, MACHINE: P330-2284-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E18H2 |
| P-D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3E18H3 |
| P-D | | TERMINAL, LUG: 4007-4HT, (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E19 |
| P-D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A3E19H1 |
| P-D | 5305-685-7072 | SCREW, MACHINE: P330-2284-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E19H2 |
| P-D | 5310-680-5557 | WASHER, SPRING TENSION: 310-0075-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3E19H3 |
| P-D | | TERMINAL, LUG: 4007-4HT, (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E20 |
| P-D | 5310-208-7021 | NUT, PLAIN, HEXAGON: P313-0156-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E20H1 |
| P-D | | SCREW, MACHINE: P325-0092-000; (77250) | | EA | 1 | | | | | | | | | | A8A3E20H2 |
| P-D | | WASHER, SPRING TENSION: 310-0396-00, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3E20H3 |
| P-D | | TERMINAL, LUG: 4007-4HT, (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E21 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P-D | 5310-208-7021 | NUT, PLAIN, HEXAGON: P313-0156-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E21H1 |
| P-D | 5305-957-6606 | SCREW, MACHINE: P325-0092-00; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E21H2 |
| P-D | 5310-685-1971 | WASHER, SPRING TENSION: 310-0396-00; (79807) | | EA | 1 | | | | | | | REF | REF | | ABA3E21H3 |
| P-D | | TERMINAL, LUG: 4007-4HT; (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E22 |
| P-D | | TERMINAL, LUG: 4007-4HT; (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E23 |
| P-D | | TERMINAL, LUG: 4007-4HT; (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E24 |
| P-D | | TERMINAL, LUG: 4007-4HT; (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E25 |
| P-D | | TERMINAL, LUG: 4007-4HT; (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E26 |
| P-D | | TERMINAL, LUG: 4007-4HT; (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E27 |
| P-D | | TERMINAL, LUG: 4007-4HT (77147) | | EA | REF | | | | | | | REF | REF | | ABA3E28 |
| P-D | | TEIAL, LUG: 4007-4HT, (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E29 |
| P-D | 5940-682-2477 | TERMINAL, LUG: MS77068-1, (78189) | | EA | 7 | | | | | | | | | | A8A3E30 |
| P-D | 5310-208-7021 | NUT, PLAIN, HEXAGON: P313-0156-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E30H1 |
| P-D | 5305-206-1270 | SCREW, MACHINE: P343-0284-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E30H2 |
| P-D | 5310-685-1971 | WASHER, SPRING TENSION: 310-0396-00; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3E30H3 |
| P-D | | TERMINAL, LUG: 2104-04-01-2520M, (78189) | | EA | REF | | | | | | | REF | REF | | A8A3E31 |
| P-D | 5310-208-7021 | NUT, PLAIN, HEXAGON: P313-0156-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E31H1 |
| P-D | 5305-206-1270 | SCREW, MACHINE: P343-0284-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E31H2 |
| P-D | 5310-685-1971 | WASHER, SPRING TENSION: 310-0396-00, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3E31H3 |
| P-D | | TERMINAL, LUG: 2104-04-01-2520N, (78189) | | EA | REF | | | | | | | REF | REF | | A8A3E32 |
| P-D | 5310-208-7021 | NUT, PLAIN, HEXAGON: P313-0156-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E32H1 |
| P-D | 5305-206-1270 | SCREW, MACHINE: P343-0284-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E32H2 |
| P-D | 5310-685-1971 | WASHER, SPRING TENSION: 310-0396-00, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3E32H3 |
| P-D | | TERMINAL, LUG: 2104-04-01-2520N, (78189) | | EA | REF | | | | | | | REF | REF | | A8A3E33 |
| P-D | 5310-208-7021 | NUT, PLAIN, HEXAGON: P313-0156-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E33H1 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5305-206-1270 | SCREW, MACHINE: P343-0284-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E33H2 |
| P-D | 5310-685-1971 | WASHER, SPRING TENSION: 310-0396-00, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3E33H3 |
| P-D | | TERMINAL, LUG: 2104-04-01-2520N, (78189) | | EA | REF | | | | | | | REF | REF | | A8A3E34 |
| P-D | 5310-208-7021 | NUT, PLAIN, HEXAGON: P313-0156-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E34H1 |
| P-D | 5305-206-1270 | SCREW, MACHINE: P343-0284-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E34H2 |
| P-D | 5310-685-1971 | WASHER, SPRING TENSION: 310-0396-00; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3E34H3 |
| P-D | | TERMINAL, LUG: 2104-04-01-2520N, (78189) | | EA | REF | | | | | | | REF | REF | | A8A3E35 |
| P-D | 5310-208-7021 | NUT, PLAIN, HEXAGON: P313-0156-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E35H1 |
| P-D | 5305-206-1270 | SCREW, MACHINE: P343-0284-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E35H2 |
| P-D | 5310-685-1971 | WASHER, SPRING TENSION: 310-0396-00; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3E35H3 |
| P-D | | TERMINAL, LUG: 2104-04-01-2520N; (78189) | | EA | REF | | | | | | | REF | REF | | A8A3E36 |
| P-D | 5310-208-7021 | NUT, PLAIN, HEXAGON: P313-0156-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E36H1 |
| P-D | 5305-206-1270 | SCREW, MACHINE: P343-0284-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E36H2 |
| P-D | 5310-685-1971 | WASHER, SPRING TENSION: 310-0396-00, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3E36H3 |
| P-D | 5940-836-3536 | TERMINAL, LUG: 4040-2HDSPL, (77147) | | EA | 1 | | | | | | | REF | REF | | A8A3E37 |
| P-D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35669-225, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E37H1 |
| P-D | 5305-616-1815 | SCREW, MACHINE: P342-0142-000; (77250) | | EA | 1 | | | | | | | | | | A8A3E37H2 |
| P-D | | WASHER, SPRING, TENSION: 310-0075-00, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3E37H3 |
| P-D | 5940-455-7441 | TERMINAL, LUG: 040-5HDSPL, (77147) | | EA | 7 | | | | | | | REF | REF | | A8A3E38 |
| P-D | 5310-208-7021 | NUT, PLAIN, HEXAGON: P313-0156-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A3E38H1 |
| P-D | 5310-208-7021 | NUT, PLAIN, HEXAGON: P313-0156-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A3E38H2 |
| P-D | 5305-680-9157 | SCREW, MACHINE: P347-0007-000, (77250) | | EA | 1 | | | | | | | * | * | | A8A3E38H3 |
| P-D | 5310-685-1971 | WASHER, SPRING, TENSION: 310-0396-00, (79807) | | EA | 2 | | | | | | | REF | REF | | A8A3E38H4 |
| P-D | 5310-685-1971 | WASHER, SPRING, TENSION: 310-0396-00, (79807) | | EA | REF | | | | | | | REF | REF | | A8A3E38H5 |
| P-D | 5940-455-7441 | TERMINAL, LUG: 4040-5HDSPL, (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E39 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5940-455-7441 | TERMINAL, LUG: 4040-5HDSPL, (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E40 |
| P-D | 5940-455-7441 | TERMINAL, LUG: 4040-5HDSPL, (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E41 |
| P-D | 5940-455-7441 | TERMINAL, LUG: 4040-5HDSPL, (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E42 |
| P-D | 5940-455-7441 | TERMINAL, LUG: 4040-5HDSPL, (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E43 |
| P-D | 5940-455-7441 | TERMINAL, LUG: 4040-5HDSPL, (77147) | | EA | REF | | | | | | | REF | REF | | A8A3E44 |
| P-D | 5940-665-5764 | TERMINAL, STUD: 2A1DB15, (92825) | | EA | 2 | | | | | | | 5 | 2 | | A8A3E45 |
| P-D | 5305-054-5646 | SCREW, MACHINE: MS51957-12, (96906) | | EA | 2 | | | | | | | 46 | 30 | | A8A3E45H1 |
| P-D | 5310-933-8118 | WASHER, LOCK: MS35338-135, (96906) | | EA | 2 | | | | | | | REF | REF | | A8A3E45H2 |
| P-D | 5940-665-5764 | TERMINAL, STUD: 2A1DB15, (92825) | | EA | REF | | | | | | | REF | REF | | A8A3E46 |
| P-D | 5305-054-5646 | SCREW, MACHINE: MS51957-12, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3E46H1 |
| P-D | | WASHER, LOCK MS35338-135, (96906) | | EA | REF | | | | | | | REF | REF | | A8A3E46H2 |
| P-D | 5940-259-8457 | TERMINAL, STUD- RTMT12M, (91663) | | EA | 1 | | | | | | | REF | REF | | A8A3E11 |
| P-D | | SCREW, MACHINE: P343-0285-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A3E11H1 |
| P-D | 5310-685-1971 | WASHER, SPRING, TENSION: 310-0396-00, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A3E11H2 |
| P-H-S | 5820-977-1565 | TRANSLATOR SUBASSEMBLY, SWITCH 549-5959-004, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-10 | A8A3A9 |
| P-H-T | 5820-975-5433 | COUPLER, ANTENNA: 549-5924-003, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-24 | A3A3A9A1 |
| P-D | 5305-054-5653 | SCREW, MACHINE: MS51957-19, (96906) | | EA | 4 | | | | | | | REF | REF | | A8A3A9A1H4 |
| X1-D | | BOARD, PRINTED CIRCUIT, SWITCH: 761-5006-001, (13499) | | EA | 1 | | | | | | | | | | A8A3A9A1S1 |
| X1-D | | CONTACT ASSEMBLY, ELECTRICAL: 548-7839-003, (13499) | | EA | 1 | | | | | | | | | | A8A3A9A1S1E1 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | 2 | | | | | | | | | | A8A3A9A1S1E1H3 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | REF | | | | | | | | | | A8A3A9A1S1E1H4 |
| X1-D | | SCREW, MACHINE: MS51959-3, (96906) | | EA | 2 | | | | | | | | | | A8A3A9A1S1E1H1 |
| X1-D | | SCREW, MACHINE: MS51959-3, (96906) | | EA | REF | | | | | | | | | | A8A3A9A1S1E1H2 |
| X1-D | | CAPACITOR, FIXED, MICA: C405ED200J03, (81349) | | EA | 1 | | | | | | | | | 3-26 | A8A3A9A1C10 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED270G03, (81349) | | EA | 1 | | | | | | | | | 3-26 | A8A3A9A1C9 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|----|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|---|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) | (b) |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | FIG NO. | ITEM NO. OR REFERENCE DESIGNATION |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03, (81349) | EA | 1 | | | | | | | | | | 3-26 | A8A3A9A1C8 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | EA | 1 | | | | | | | | | | 3-26 | A8A3A9A1C7 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED360G03, (81349) | EA | 1 | | | | | | | | | | 3-26 | A8A3A9A1C6 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED430G03, (81349) | EA | 1 | | | | | | | | | | 3-26 | A8A3A9A1C5 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED510G03; (81349) | EA | 1 | | | | | | | | | | 3-26 | A8A3A9A1C4 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED680G03, (81349) | EA | 1 | | | | | | | | | | 3-26 | A8A3A9A1C3 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD101G03, (81349) | EA | 1 | | | | | | | | | | 3-26 | A8A3A9A1C2 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD151G03; (81349) | EA | 1 | | | | | | | | | | 3-26 | A8A3A9A1C1 |
| P-D | | NUT, SLEEVE: 549-5850-002, (13499) | EA | 4 | | | | | | | * | * | | | A8A3A9MP1 |
| P-D | | NUT, SLEEVE: 549-5850-002, (13499) | EA | REF | | | | | | | REF | REF | | | A8A3A9MP2 |
| P-D | | NUT, SLEEVE: 549-5850-002; (13499) | EA | REF | | | | | | | REF | REF | | | A8A3A9MP3 |
| P-D | | NUT, SLEEVE: 549-5850-002, (13499) | EA | REF | | | | | | | REF | REF | | | A8A3A9MP4 |
| M-D | | SPACER, SLEEVE: 549-5851-002, (13499) | EA | 4 | | | | | | | | | | | A8A3A9MP5 |
| M-D | | SPACER, SLEEVE: 549-5851-002, (13499) | EA | REF | | | | | | | | | | | A8A3A9MP6 |
| M-D | | SPACER, SLEEVE: 549-5851-002; (13499) | EA | REF | | | | | | | | | | | A8A3A9MP7 |
| M-D | | SPACER, SLEEVE: 549-5851-002, (13499) | EA | REF | | | | | | | | | | | A8A3A9MP8 |
| P-H-T | 5820-975-5415 | TRANSLATOR SUBASSEMBLY, SWITCH: 549-5925-003, (13499) | EA | 1 | | | | * | * | * | * | * | | 3-24 | A8A3A9A2 |
| X1-D | | BOARD, PRINTED CIRCUIT: 549-5950-004, (13499) | EA | 1 | | | | | | | | | | 3-27 | A8A3A9A2S2 |
| X1-D | | CONTACT ASSEMBLY, ELECTRICAL: 548-7835-002, (13499) | EA | 1 | | | | | | | | | | | A8A3A9A2S2E1 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | EA | 2 | | | | | | | | | | | A8A3A9A2S2E1H3 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | EA | REF | | | | | | | | | | | A8A3A9A2S2E1H4 |
| X1-D | | SCREW, MACHINE: MS51959-3, (96906) | EA | 2 | | | | | | | | | | | A8A3A9A2S2E1H1 |
| X1-D | | SCREW, MACHINE: MS51959-3, (96906) | EA | REF | | | | | | | | | | | A8A3A9A2S2E1H2 |
| X1-D | | CONTACT ASSEMBLY, ELECTRICAL: 548-7839-003, (13499) | EA | 1 | | | | | | | | | | | A8A3A9A2S2E2 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CC20CH120J, (81349) | EA | 1 | | | | | | | | | | 3-25 | A8A3A9A2C32 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CC20CH180J, (81349) | | EA | 1 | | | | | | | | | 3-25 | A8A3A9A2C31 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CC30UJ680F, (81349) | | EA | 1 | | | | | | | | | 3-25 | A8A3A9A2C28 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CC30UJ750F, (81349) | | EA | 1 | | | | | | | | | 3-25 | A8A3A9A2C30 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 301-626C0J0309D; (72982) | | EA | 2 | | | | | | | | | 3-25 | A8A3A9A2C39 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 301-626C0J0309D, (72982) | | EA | REF | | | | | | | | | 3-25 | A8A3A9A2C40 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 301-626C0H0409D, (72982) | | EA | 2 | | | | | | | | | 3-24 | A8A3A9A2C37 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 301-626C0H0409D, (72982) | | EA | REF | | | | | | | | | 3-24 | A8A3A9A2C38 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 301-626C0H0509F; (72982) | | EA | 1 | | | | | | | | | 3-24 | A8A3A9A2C39 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 301-626C0H0609F, (72982) | | EA | 1 | | | | | | | | | 3-24 | A8A3A9A2C35 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 301-626C0H0709F, (72982) | | EA | 1 | | | | | | | | | 3-24 | A8A3A9A2C34 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 301-626C0H0909F, (72982) | | EA | 1 | | | | | | | | | 3-25 | A8A3A9A2C33 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03; (81349) | | EA | 3 | | | | | | | | | 3-24 | A8A3A9A2C22 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300G03; (81349) | | EA | REF | | | | | | | | | 3-24 | A8A3A9A2C24 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED300C03, (81349) | | EA | REF | | | | | | | | | 3-24 | A8A3A9A2C26 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED560G03, (81349) | | EA | 1 | | | | | | | | | 3-25 | A8A3A9A2C27 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED820G03; (81349) | | EA | 1 | | | | | | | | | 3-25 | A8A3A9A2C29 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E271F0300WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-25 | A8A3A9A2C12 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E301F0300WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-25 | A8A3A9A2C13 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E471F0300WV4CR; (72136) | | EA | 1 | | | | | | | | | 3-25 | A8A3A9A2C11 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E251F0500WV4CR; (72136) | | EA | 1 | | | | | | | | | 3-25 | A8A3A9A2C15 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E101F0300WV4CR, (72136) | | EA | 2 | | | | | | | | | 3-24 | A8A3A9A2C18 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E101F0300WV4CR; (72136) | | EA | REF | | | | | | | | | 3-24 | A8A3A9A2C19 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1110F0300WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-25 | A8A3A9A2C16 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1210F0300WV4CR, (72136) | | EA | 3 | | | | | | | | | 3-24 | A8A3A9A2C20 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1210F0300 WV4CR, (72136) | | EA | REF | | | | | | | | | 3-24 | A8A3A9A2C23 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|---|---|----------------------|---|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) | (b) |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | FIG NO. | ITEM NO. OR REFERENCE DESIGNATION |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1210F0300WV4CR, (72136) | | EA | REF | | | | | | | | | 3-24 | A8A3A9A2C25 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1510F0300WV4CR, (72136) | | EA | 2 | | | | | | | | | 3-24 | A8A3A9A2C17 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1510F0300WV4CR, (72136) | | EA | REF | | | | | | | | | 3-24 | A8A3A9A2C21 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1650F0300WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-25 | A8A3A9A2C14 |
| X1-D | | COIL ASSEMBLY, RADIO FREQUENCY: 549-5889-003, (13 499) | | EA | 1 | | | | | | | | | 3-25 | A8A3A9A2E2 |
| X1-D | | COIL ASSEMBLY, RADIO FREQUENCY: 549-5890-003, (13499) | | EA | 1 | | | | | | | | | 3-24 | A8A3A9A2E1 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 1: 549-5931-003, (13499) | | EA | 1 | | | | | | | | | 3-27 | A8A3A9A2L17 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 3: 549-5933-003, (13499) | | EA | 1 | | | | | | | | | 3-27 | A8A3A9A2L18 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 5: 549-5935-003, (13499) | | EA | 1 | | | | | | | | | 3-27 | A8A3A9A2L19 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 6: 549-5936-003, (13499) | | EA | 1 | | | | | | | | | 3-27 | A8A3A9A2L20 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 7: 549-5937-003, (13499) | | EA | 1 | | | | | | | | | 3-27 | A8A3A9A2L21 |
| P-H-S | 5820-975-5416 | TRANSLATOR SUBASSEMBLY, SWITCH: 549-5926-003, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-24 | A8A3A9A3 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | 4 | | | | | | | REF | REF | | A8A3A9A3H4 |
| X1-D | | BOARD, PRINTED CIRCUIT, SWITCH: 549-5950-004, (13499) | | EA | 1 | | | | | | | | | | A8A3A9A3S3 |
| X1-D | | CONTACT ASSEMBLY, ELECTRICAL: 548-7835-003, (13499) | | EA | 1 | | | | | | | | | | A8A3A9A3S3E1 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | 2 | | | | | | | | | | A8A3A9A3S3E1H1 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | REF | | | | | | | | | | A8A3A9A3S3E1H2 |
| X1-D | | SCREW, MACHINE: MS51959-3, (96906) | | EA | 2 | | | | | | | | | | A8A3A9A3S3E1H3 |
| X1-D | | SCREW, MACHINE: MS51959-3, (96906) | | EA | REF | | | | | | | | | | A8A3A9A3S3E1H4 |
| X1-D | | CONTACT ASSEMBLY, ELECTRICAL: 548-7839-003, (13499) | | EA | 1 | | | | | | | | | | A8A3A9A3S3E2 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CC20UJ510F, (81349) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3C6C |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CC30UJ680F, (81349) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3C58 |
| X1-D | | CAPACITOR, FIXED, MICA CM05ED270C03, (81349) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3C56 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03, (81349) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3C54 |
| X1-D | | CAPACITOR, FIXED, MICA: CMD5ED60G03, (81349) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3C44 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED620G03, (81349) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3C48 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED680G03, (81349) | | EA | 3 | | | | | | | | | 3-28 | A8A3A9A3C50 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED680G03; (81349) | | EA | REF | | | | | | | | | 3-28 | A8A3A9A3C52 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED680G03, (81349) | | EA | REF | | | | | | | | | 3-28 | A8A3A9A3C57 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED750G03, (81349) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3C46 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED820G03; (81349) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3C59 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E511F0300WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3C41 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E271F0300WV4CR, (72136) | | EA | 2 | | | | | | | | | 3-28 | A8A3A9A3C42 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E271F0300WV4CR, (72136) | | EA | REF | | | | | | | | | 3-28 | A8A3A9A3C45 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E471F0300WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3C43 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1330F0500WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-28 | A89A9A3C49 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E191F0500WV4CR; (72136) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3C47 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E101F0300FWV4CR, (72136) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3C51 |
| X1-D | | CAPACITOR, FIXED, MICA: DM151110F0300WV4CR, (72136) | | EA | 2 | | | | | | | | | 3-28 | A8A3A9A3C53 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1110F0300WV4CR, (72136) | | EA | REF | | | | | | | | | 3-28 | A8A3A9A3C55 |
| X1-D | | COIL ASSEMBLY, RADIO FREQUENCY: 549-5889-003; (13499) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3E4 |
| X1-D | | COIL ASSEMBLY, RADIO FREQUENCY: 549-5890-003, (13499) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3E3 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 1: 549-5931-003; (13499) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3E32 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 3: 549-5933-003; (13499) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3E33 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 5: 549-5935-003, (13499) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3E34 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 6: 549-5936-003, (13499) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3E35 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 7: 549-5937-003, (13499) | | EA | 1 | | | | | | | | | 3-28 | A8A3A9A3E36 |
| P-H-T | 5820-975-5414 | TRANSLATOR SUBASSEMBLY: 549-5927-003, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-10 | A8A3A10 |
| X1-D | | BOARD, PRINTED CIRCUIT: 549-5950-004, (13499) | | EA | 1 | | | | | | | | | 3-29 | A8A3A10S4 |
| X1-D | | CONTACT ASSEMBLY, ELECTRICAL: 548-7835-002, (13499) | | EA | 1 | | | | | | | | | | A8A3A10S4E1 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|---|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | 2 | | | | | | | | | | A8A3A10S4E1H3 |
| X7-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26; (72962) | | EA | REF | | | | | | | | | | A8A3A10S4E1H4 |
| X1-D | | SCREW, MACHINE: MS51959-3, (96906) | | EA | 2 | | | | | | | | | | A8A3A10S4E1H1 |
| X1-D | | SCREW, MACHINE: MS51959-3, (96906) | | EA | REF | | | | | | | | | | A8A3A10S4E1H2 |
| X1-D | | CONTACT ASSEMBLY, ELECTRICAL: 548-7839-003, (13499) | | EA | 1 | | | | | | | | | | A8A3A10S4E2 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CC20UJ510F; (81349) | | EA | 1 | | | | | | | | 3-29 | | ABA3A10C85 |
| X1-D | | CAPACITOR, FIXED, MICA: CERAMIC: CC30UJ750F; (81349) | | EA | 1 | | | | | | | | 3-29 | | A8A3A10C87 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED270G03, (81349) | | EA | 1 | | | | | | | | 3-29 | | A8A3A10C81 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED330G03; (81349) | | EA | 2 | | | | | | | | 3-29 | | A8A3A10C77 |
| X1-D | | CAPACITOR, FIXED, MICA: CR05ED330G03; (81349) | | EA | REF | | | | | | | | 3-29 | | A8A3A10C83 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED390G03; (81349) | | EA | 1 | | | | | | | | 3-29 | | A8A3A10C79 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED750G03; (81349) | | EA | 1 | | | | | | | | 3-29 | | A8A3A10C75 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED820G03; (81349) | | EA | 1 | | | | | | | | 3-29 | | A8A3A10C86 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD181G03; (81349) | | EA | 1 | | | | | | | | 3-29 | | A8A3A10C71 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E511F0300WV4CR; (72136) | | EA | 1 | | | | | | | | 3-29 | | A8A3A10C68 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E221F0300WV4CR; (72136) | | EA | 1 | | | | | | | | 3-29 | | A8A3A10C77 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E271F0300WV4CR; (72136) | | EA | 1 | | | | | | | | 3-29 | | A8A3A10C72 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E33F0300WV4CR; (72136) | | EA | 1 | | | | | | | | 3-29 | | A8A3A10C69 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E361F0300WV4CR; (72136) | | EA | 1 | | | | | | | | 3-29 | | A8A3A10C70 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E141F0500WV4CR; (72136) | | EA | 1 | | | | | | | | 3-29 | | A8A3A10C80 |
| X1-D | | CAPACITOR, FIXED, MICA: D105E1110F300WV4CR; (72136) | | EA | 1 | | | | | | | | 3-29 | | A8A3A10C84 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1210F300WV4CR; (72136) | | EA | 2 | | | | | | | | 3-29 | | A8A3A10C73 |
| X1-D | | CAPACITOR, FIXED, MICA: D15E1210F0300WV4CR; (72136) | | EA | REF | | | | | | | | 3-29 | | A8A3A10C82 |
| X1-D | | CAPACITOR, FIXED, MICA: DN15E1650F0300W VCR; (72136) | | EA | 1 | | | | | | | | 3-29 | | A8A3A10C78 |
| X1-D | | CAPACITOR, FIXED, MICA: DN15E1910F0300WVCR; (72136) | | EA | 1 | | | | | | | | 3-29 | | A8A3A10C76 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|----|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | COIL ASSEMBLY, RADIO FREQUENCY: 549-5689-003; (13499) | EA | 1 | | | | | | | | | | 3-29 | A8A3A10E6 |
| X1-D | | COIL ASSEMBLY, RADIO FREQUENCY: 549-5890-003, (1399) | EA | 1 | | | | | | | | | | 3-29 | ASA3A10E5 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 1: 549-5931-003; (13499) | EA | 1 | | | | | | | | | | 3-29 | A8A3A10L47 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 3: 549-5933-003; (13499) | EA | 1 | | | | | | | | | | 3-29 | A8A3A10L48 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 5: 549-5935-003; (13499) | EA | 1 | | | | | | | | | | 3-29 | A8A3A10L49 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 6: 549-5936-003, (13499) | EA | 1 | | | | | | | | | | 3-29 | A8A3A10L50 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 7: 549-5937-003, (13499) | EA | 1 | | | | | | | | | | 3-29 | A8A3A10L51 |
| P-H-T | 5820-975-5413 | TRANSLATOR SUBASSEMBLY, RF: 549-5928-003, (13499) | EA | 1 | | | | * | * | * | * | * | | 3-10 | A8A3A11 |
| X1-D | | BOARD, PRINTED CIRCUIT: 549-5950-004, (13499) | EA | 1 | | | | | | | | | | 3-30 | A8A3A11S5 |
| X1-D | | CONTACT ASSEMBLY, ELECTRICAL: 548-7835-002; (13499) | EA | 1 | | | | | | | | | | | A8A3A11S5E1 |
| X1-D | | SCREW, MACHINE: MS51959-3; (96906) | EA | 2 | | | | | | | | | | | A8A3A11S5E1H1 |
| X1-D | | SCREW, MACHINE: MS51959-3; (96906) | EA | REF | | | | | | | | | | | A8A3A11S5E1H2 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | EA | 2 | | | | | | | | | | | A8A3A11S5E1H3 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | EA | REF | | | | | | | | | | | A8A3A11S5E1H4 |
| X1-D | | CONTACT ASSEMBLY, ELECTRICAL: 548-7839-003, (13499) | EA | 1 | | | | | | | | | | | A8A3A11S5E2 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CC20UJ620F, (81349) | EA | 2 | | | | | | | | | | 3-30 | A8A3A11C112 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CC20UJ620F, (81349) | EA | REF | | | | | | | | | | 3-30 | A8A3A11C114 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED270G03, (81349) | EA | 2 | | | | | | | | | | 3-30 | A8A3A11C104 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED270G03, (81349) | EA | REF | | | | | | | | | | 3-30 | A8A3A11C110 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05RD430G03; (81349) | EA | 1 | | | | | | | | | | 3-30 | A8A3A11C108 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED510G03, (81349) | EA | 1 | | | | | | | | | | 3-30 | A8A3A11C111 |
| X1-D | | CAPACTTOR, FIXED, MICA: CMD5ED560G03, (8134 9) | EA | 1 | | | | | | | | | | 3-30 | A8A3A11C98 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED620G03; (81349) | EA | 3 | | | | | | | | | | 3-30 | A8A3A11C100 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED620G03, (81349) | EA | REF | | | | | | | | | | 3-30 | A8A3A11C106 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED620G03; (81349) | EA | REF | | | | | | | | | | 3-30 | A8A3A11C113 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD910G03; (81349) | | EA | 1 | | | | | | | | | 3-30 | A8A3A11C102 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E511F0300WV4CR; (72136) | | EA | 1 | | | | | | | | | 3-30 | A8A3A11C95 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E271F0300WV4CR; (72136) | | EA | 2 | | | | | | | | | 3-30 | A8A3A11C96 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E271F0300WV4CR; (72136) | | EA | REF | | | | | | | | | 3-30 | A8A3A11C99 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E431F0300WV4CR; (72136) | | EA | 1 | | | | | | | | | 3-30 | A8A3A11C97 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E101F0300WV4CR; (72136) | | EA | 2 | | | | | | | | | 3-30 | A8A3A11C105 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E101F0300WV4CR; (72136) | | EA | REF | | | | | | | | | 3-30 | A8A3A11C107 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1650F0300WV4CR; (72136) | | EA | 2 | | | | | | | | | 3-30 | A8A3A11C101 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1650F0300WV4CR; (72136) | | EA | REF | | | | | | | | | 3-30 | A8A3A11C103 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E960F0500WV4CR; (72136) | | EA | 1 | | | | | | | | | 3-30 | A8A3A11C109 |
| X1-D | | COIL ASSEMBLY, RADIO FREQUENCY: 549-5889-003; (13499) | | EA | 1 | | | | | | | | | 3-30 | A8A3A11E8 |
| X1-D | | COIL ASSEMBLY, RADIO FREQUENCY: 549-5890-003; (13499) | | EA | 1 | | | | | | | | | 3-30 | A8A3A11E7 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 1: 549-5931-003; (13499) | | EA | 1 | | | | | | | | | 3-30 | A8A3A11L62 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 3: 549-5933-003; (13499) | | EA | 1 | | | | | | | | | 3-30 | A8A3A11L63 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 5: 549-5935-003; (13499) | | EA | 1 | | | | | | | | | | A8A3A11L64 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 6: 549-5936-003; (13499) | | EA | 1 | | | | | | | | | 3-30 | A8A3A11L65 |
| X1-D | | COIL, RADIO REQUEIICY-NO. 7: 549-5937-003; (13499) | | EA | 1 | | | | | | | | | 3-30 | A8A3A11L66 |
| P-H-T | 5820-795-9365 | TRANSLATOR SUBASSEMBLY, SWITCH 756-3164-003; (13499) | | EA | 1 | | | | * | * | * | * | * | | A8A3A12 |
| X1-D | | BOARD, PRINTED CIRCUIT, SWITCH: 549-5950-003; (13499) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12S8 |
| X1-D | | CONTACT ASSEMBLY, ELECTRICAL: 548-7835-002; (13499) | | EA | 1 | | | | | | | | | | A8A3A12S8E1 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26; (72962) | | EA | 2 | | | | | | | | | | A8A3A12S8E1H1 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: 68-1660-26; (72962) | | EA | REF | | | | | | | | | | A8A3A12S8E1H2 |
| X1-D | | SCREW, MACHINE: MS51959-3; (96906) | | EA | 2 | | | | | | | | | | A8A3A12S8E1H3 |
| X1-D | | SCREW, MACHINE: MS51959-3; (96906) | | EA | REF | | | | | | | | | | A8A3A12S8E1H4 |
| X1-D | | CONTACT ASSEMBLY, ELECTRICAL: 548-7839-003; (13499) | | EA | 1 | | | | | | | | | | A8A3A12S8E2 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CC20UJ510F, (81349) | | EA | 2 | | | | | | | | | 3-35 | A8A3A12C139 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CC20UJ510F, (81349) | | EA | REF | | | | | | | | | 3-35 | A8A3A12C141 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED560G03; (81349) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12C137 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED750G03, (81349) | | EA | 2 | | | | | | | | | 3-35 | A8A3A12C135 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED750G03, (81349) | | EA | REF | | | | | | | | | 3-35 | A8A3A12C140 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD910G03, (81349) | | EA | 2 | | | | | | | | | 3-35 | A8A3A12C129 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD910G03, (81349) | | EA | REF | | | | | | | | | 3-35 | A8A3A12C138 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD391G03; (81349) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12C122 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E511F0300WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12C124 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E221F0300WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12C128 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E271F0300WVCR, (72136) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12C126 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1330F0500WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12C130 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E681G0300WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12C123 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E101F0300WV4CR, (72136) | | EA | 4 | | | | | | | | | 3-35 | A8A3A12C132 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E101F0300WV4CR, (72136) | | EA | REF | | | | | | | | | 3-35 | A8A3A12C133 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E101F0300WV4CR; (72136) | | EA | REF | | | | | | | | | 3-35 | A8A3A12C134 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E101F0300WV4CR, (72136) | | EA | REF | | | | | | | | | 3-35 | A8A3A12C136 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E110F0300WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12C131 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E151F0300WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12C127 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1650F0300WV4CR, (72136) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12C125 |
| X1-D | | COIL ASSEMBLY, RADIO FREQUENCY: 549-5889-003; (13499) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12E12 |
| X1-D | | COIL ASSEMBLY, RADIO FREQUENCY: 549-5890-003, (13499) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12E11 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 1: 549-5931-003, (13499) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12L79 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 2: 549-5932-003, (13499) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12L80 |
| X1-D | | COIL, RADIO FREQUENCY-NO. 3: 549-5933-003, (13499) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12L81 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|---|---|----------------------|--|--------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION | |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | | |
| X1-D | 5820-975-5431 | COIL, RADIO FREQUENCY-NO. 8: 756-3166-003, (13499) | | EA | 1 | | | | | | | | | 3-35 | A8A3A12L78 | |
| X1-D | | COIL, RADIO FREQUENCY-NO. 9: 756-3167-003; (13499) | | EA | 1 | | | | | | | | | | 3-35 | A8A3A12L77 |
| P-H-T | | TRANSLATOR SUBASSEMBLY: 549-5908-003; (13499) | | EA | 1 | | | | | | | | | | 3-10 | A8A3A13 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15C100K500WVRCR, (72136) | | EA | 2 | | | | | | | | | | 3-36 | A8A3A13C265 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15C100K500WVRCR, (72136) | | EA | REF | | | | | | | | | | 3-36 | A8A3A13C267 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED200J03, (81349) | | EA | 1 | | | | | | | | | | 3-36 | A8A3A13C263 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED270J03, (81349) | | EA | 1 | | | | | | | | | | 3-36 | A8A3A13C261 |
| X1-D | | CAPACITOR, FIXD, MICA: CM05ED390G03; (81349) | | EA | 1 | | | | | | | | | | 3-36 | A8A3A13C259 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05ED620G03, (81349) | | EA | 1 | | | | | | | | | | 3-36 | A8A3A13C257 |
| X1-D | | CAPACITOR, FIXED, MICA: CM05FD910G03, (81349) | | EA | 1 | | | | | | | | | | 3-36 | A8A3A13C255 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1330F0500WV4CR; (72136) | | EA | 1 | | | | | | | | | | 3-36 | A8A3A13C253 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E2870F0500WV4CR, (72136) | | EA | 1 | | | | | | | | | | 3-36 | A8A3A13C249 |
| X1-D | | CAPACITOR, FIXED, MICA: DM15E1650F0300WV4CR, (72136) | | EA | 1 | | | | | | | | | | 3-36 | A8A3A13C251 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-099-5-30E, (72982) | | EA | 6 | | | | | | | | | | 3-36 | A8A3A13C254 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-099-5-30E, (72982) | | EA | REF | | | | | | | | | | 3-36 | A8A3A13C256 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-099-5-30E, (72982) | | EA | REF | | | | | | | | | | 3-36 | A8A3A13C258 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-099-5-30E, (72982) | | EA | REF | | | | | | | | | | 3-36 | A8A3A13C260 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-099-5-30E, (72982) | | EA | REF | | | | | | | | | | 3-36 | A8A3A13C262 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-099-5-30E, (72982) | | EA | REF | | | | | | | | | | 3-36 | A8A3A13C264 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-099-5-30E, (72982) | | EA | 1 | | | | | | | | | | 3-36 | A8A3A13C266 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-099-5-25A, (72982) | | EA | 3 | | | | | | | | | | 3-36 | A8A3A13C248 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-099-8-50E; (72982) | | EA | REF | | | | | | | | | | 3-36 | A8A3A13C260 |
| X1-D | | CAPACITOR, VARIABLE, CERAMIC: 557-099-8-50E, (72982) | | EA | REF | | | | | | | | | | 3-36 | A8A3A13C252 |
| X1-D | | CLAMP, CABLE: 549-5643-002, (13499) | | EA | 1 | | | | | | | | | | | A8A3A13MP1 |
| X1-D | | SCREW, MACHINE: P343-0286-000, (77250) | | EA | 1 | | | | | | | | | | | A8A3A13MP1H1 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | COIL, RADIO FREQUENCY: 549-5885-002, (13499) | | EA | 1 | | | | | | | | | 3-36 | A8A3A13L103 |
| X1-D | | SWITCH SUBASSEMBLY: 549-5951-000, (13499) | | EA | 1 | | | | | | | | | | A8A3A13S9 |
| P-D | | TUBE, ELECTRON: 7905; (49956) | | EA | 1 | | | | | | * | * | | 3-9 | A8A3V3 |
| M-D | 5820-977-6242 | WEDGE-TAPE: 549-5863-002, (13499) | | EA | 2 | | | | | | | | | | A8A3MP39 |
| P-D | | SCREW, MACHINE: MS51959-3, (96906) | | EA | 2 | | | | | | REF | REF | | | A8A3MP39H1 |
| P-D | | SCREW, MACHINE: MS51959-3, (96906) | | EA | REF | | | | | | REF | REF | | | A8A3MP39H2 |
| M-D | 5820-977-6242 | WEDGE-TAPE: 549-5863-002; (13499) | | EA | REF | | | | | | | | | | A8A3MP40 |
| P-D | | SCREW, MACHINE: MS51959-3, (96906) | | EA | 2 | | | | | | REF | REF | | | A8A3MP40H1 |
| P-D | | SCREW, MACHINE: MS51959-3, (96906) | | EA | REF | | | | | | REF | REF | | | A8A3MP40H2 |
| P-D | | WASHER: 553-5032-003, (13499) | | EA | 10 | | | | | | * | * | | | A8A3H9 |
| P-D | | WASHER: 553-5032-003; (13499) | | EA | REF | | | | | | REF | REF | | | A8A3H10 |
| P-D | | WASHER: 553-5032-003, (13499) | | EA | REF | | | | | | REF | REF | | | A8A3H11 |
| P-D | | WASHER: 553-5032-003, (13499) | | EA | REF | | | | | | REF | REF | | | A8A3H12 |
| P-D | | WASHER: 553-5032-003, (13499) | | EA | REF | | | | | | REF | REF | | | A8A3H13 |
| P-D | | WASHER: 553-5032-003, (13499) | | EA | REF | | | | | | REF | REF | | | A8A3H14 |
| P-D | | WASHER: 553-5032-003, (13499) | | EA | REF | | | | | | REF | REF | | | A8A3H15 |
| P-D | | WASHER: 553-5032-003, (13499) | | EA | REF | | | | | | REF | REF | | | A8A3H16 |
| P-D | | WASHER: 553-5032-003, (13499) | | EA | REF | | | | | | REF | REF | | | A8A3H17 |
| P-D | | WASHER: 553-5032-003, (13499) | | EA | REF | | | | | | REF | REF | | | A8A3H18 |
| P-H-S | 5820-087-2299 | AMPLIFIER, AUDIO FREQUENCY: AM3506PRC47, (80058) | | EA | 1 | | | | * | * | * | * | * | 3-4 | A8A1 |
| P-H-T | 5820-087-3439 | AMPLIFIER SUBASSEMBLY, AF: 549-5651-004, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-6 | A8A1E2 |
| P-D | | SCREW, MACHINE MS51959-3, (96906) | | EA | 6 | | | | | | REF | REF | | | A8A1E2H6 |
| X1-D | | BOARD, PRINTED CIRCUIT 549-5653-004, (13499) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2E1 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC 150D156X0C20B2, (56289) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2C5 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC. 150D226X0015B2, (56289) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2C9 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D476X0006B2, (56289) | | EA | 2 | | | | | | | | | 3-18 | A8A1E2C3 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D476X0006B2; (56289) | | EA | REF | | | | | | | | | 3-18 | A8A1E2C4 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D476X0035S2, (56289) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2C16 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D107X0020S2, (56289) | | EA | 2 | | | | | | | | | 3-18 | A8A1E2C8 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D107XOD20S2, (56289) | | EA | REF | | | | | | | | | 3-18 | A8A1E2C12 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D156X0035R2, (56289) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2C2 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D476X0020R2, (56289) | | EA | 7 | | | | | | | | | 3-18 | A8A1E2C6 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D476X0020R2, (56289) | | EA | REF | | | | | | | | | 3-18 | A8A1E2C7 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D476X0020R2, (56289) | | EA | REF | | | | | | | | | 3-18 | A8A1E2C10 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D476X0020R2, (56289) | | EA | REF | | | | | | | | | 3-18 | A8A1E2C11 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D476X0020R2, (56289) | | EA | REF | | | | | | | | | 3-18 | A8A1E2C13 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D476X0020R2, (56289) | | EA | REF | | | | | | | | | 3-18 | A8A1E2C14 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D476X0020R2, (56 289) | | EA | REF | | | | | | | | | 3-18 | A8A1E2C15 |
| X1-D | | INSULATOR, TRANSISTOR: T1566, (98291) | | EA | 4 | | | | | | | | | | A8A1E2E2 |
| X1-D | | INSULATOR, TRANSISTOR: T1566; (98291) | | EA | REF | | | | | | | | | | A8A1E2E3 |
| X1-D | | INSULATOR, TRANSISTOR: T1566, (98291) | | EA | REF | | | | | | | | | | A8A1E2E4 |
| X1-D | | INSULATOR, TRANSISTOR: T1566, (98291) | | EA | REF | | | | | | | | | | A8A1E2E5 |
| X1-D | | JACK, TIP: 105-732-100; (74970) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2J2 |
| X1-D | | JACK, TIP: 105-738-100, (74970) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2J1 |
| X1-D | | JACK, TIP: 105-734-100, (74970) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2J6 |
| X1-D | | JACK, TIP: 105-736-100, (74970) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2J3 |
| X1-D | | JACK, TIP: 105-740-100, (74970) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2J6 |
| X1-D | | JACK, TIP: 105-737-100, (7497) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2J4 |
| X1-D | | JACK, TIP 119437K., (78947) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2J7 |
| X1-D | | RESISTOR, FIXED, COMPOSITION RCR07G101KS, (81349) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2R1 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|---|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) | (b) |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | FIG NO. | ITEM NO. OR REFERENCE DESIGNATION |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G472KS; (81349) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2R20 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G103KS; (81349) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2R19 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G223KS; (81349) | | EA | 2 | | | | | | | | | 3-18 | A8A1E2R18 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G223KS; (81349) | | EA | REF | | | | | | | | | 3-18 | A8A1E2R26 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G104KS; (81349) | | EA | 4 | | | | | | | | | 3-18 | A8A1E2R4 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G101KS; (81349) | | EA | REF | | | | | | | | | 3-18 | A8A1E2R7 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G104KS; (81349) | | EA | REF | | | | | | | | | 3-18 | A8A1E2R13 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G104KS; (81349) | | EA | REF | | | | | | | | | 3-18 | A8A1E2R28 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RC520G470KS; (81349) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2R2 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D46RF; (81349) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2R32 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1001F; (81349) | | EA | 5 | | | | | | | | | 3-18 | A8A1E2R9 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1001F; (81349) | | EA | REF | | | | | | | | | 3-18 | A8A1E2R10 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1001F; (81349) | | EA | REF | | | | | | | | | 3-18 | A8A1E2R14 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1001F; (81349) | | EA | REF | | | | | | | | | 3-18 | A8A1E2R24 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1001F; (81349) | | EA | REF | | | | | | | | | 3-18 | A8A1E2R23 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1471F; (81349) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2R22 |
| X1-D | | RESISTOR, FIXED, FILM: RJ60D1961F; (81349) | | EA | 3 | | | | | | | | | 3-18 | A8A1E2R17 |
| X1-D | | RESISTOR, FIXED, FILM: RJ60D1961F; (81349) | | EA | REF | | | | | | | | | 3-18 | A8A1E2R25 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1961F; (81349) | | EA | REF | | | | | | | | | 3-18 | A8A1E2R31 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D2151F; (81349) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2R11 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D2611F; (813;9) | | EA | 2 | | | | | | | | | 3-18 | A8A1E2R6 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D2611F; (81349) | | EA | REF | | | | | | | | | 3-18 | A8A1E2R30 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D3481F; (81349) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2R15 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D5111F; (81349) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2R16 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D6191F; (81349) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2R29 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1002F; (81349) | | EA | 4 | | | | | | | | | 3-18 | A8A1E2R5 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1002F, (81349) | | EA | REF | | | | | | | | | 3-18 | A8A1E2R8 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1002F, (81349) | | EA | REF | | | | | | | | | 3-18 | A8A1E2R12 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1002F; (81349) | | EA | REF | | | | | | | | | 3-18 | A8A1E2R21 |
| X1-D | | RESISTOR, FIXED, FILM: RN65D1001F; (81349) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2R33 |
| X1-D | | RESISTOR, VARIABLE, WIRE WOUND: 224P1-502, (80294) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2R27 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N816; (07688) | | EA | 6 | | | | | | | | | 3-18 | A8A1E2CR1 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N816, (07688) | | EA | REF | | | | | | | | | 3-18 | A8A1E2CR2 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N816; (07688) | | EA | REF | | | | | | | | | 3-18 | A8A1E2CR3 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N816, (07688) | | EA | REF | | | | | | | | | 3-18 | A8A1E2CR4 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N816, (07688) | | EA | REF | | | | | | | | | 3-18 | A8A1E2CR5 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N816, (07688) | | EA | REF | | | | | | | | | 3-18 | A8A1E2CR6 |
| X1-D | | SEMICONDUCTOR DEVICE, SET: Q123, (03887) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2CR17 |
| X1-D | | TRANSFORMER, AUDIO FREQUENCY: DR230, (80223) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2T1 |
| X1-D | | TRANSISTOR: 2N1038, (07688) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2Q4 |
| X1-D | | TRANSISTOR: 2N404, (07688) | | EA | 1 | | | | | | | | | 3-18 | A8A1E2Q1 |
| X1-D | | TRANSISTOR: JAN2N526, (81350) | | EA | 2 | | | | | | | | | 3-18 | A8A1E2Q2 |
| X1-D | | TRANSISTOR: JAN2N526, (81350) | | EA | REF | | | | | | | | | 3-18 | A8A1E2Q3 |
| P-H-T | 5820-088-2514 | AMPLIFIER SUBASSEMBLY-RECEIVER 549-5655-094, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-6 | A3A1E3 |
| 2-D | | SCREW, MACHINE: MS51959-3, (96906) | | EA | 4 | | | | | | | REF | REF | | A8A1E3H4 |
| X1-D | | BOARD, PRINTED CIRCUIT: 549-5657-004, (13499) | | EA | 1 | | | | | | | | | 3-19 | A8A1E3E1 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: CL26BJ2RSTN3, (81349) | | EA | 1 | | | | | | | | | 3-19 | A8A1E3C29 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D156XO020B2, (56289) | | EA | 3 | | | | | | | | | 3-19 | A8A1E3C30 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D156X0020B2, (56289) | | EA | REF | | | | | | | | | 3-19 | A8A1E3C31 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D156C0020B2, (56289) | | EA | REF | | | | | | | | | 3-19 | A8A1E3C42 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|---|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D476X0006B2; (56289) | | EA | 1 | | | | | | | | | 3-19 | A8A1E3C35 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D107X0020S2; (56289) | | EA | 1 | | | | | | | | | 3-19 | A8A1E3C40 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D336X0020R2; (56289) | | EA | 2 | | | | | | | | | 3-19 | A8A1E3C32 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D336X0020R2; (56289) | | EA | REF | | | | | | | | | 3-19 | A8A1E3C36 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D476X0020R2; (56289) | | EA | 1 | | | | | | | | | 3-19 | A8A1E3C33 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D105X9035A2; (56289) | | EA | 2 | | | | | | | | | 3-19 | A8A1E3C28 |
| X1-D | | CAPACITOR, FIXED, ELICTROLYTIC: 150D105X9035A2; (56289) | | EA | REF | | | | | | | | | 3-19 | A8A1E3C34 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D1697; (56289) | | EA | 3 | | | | | | | | | 3-19 | A8A1E3C37 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D1697; (56289) | | EA | REF | | | | | | | | | 3-19 | A8A1E3C38 |
| X1-D | | CAPACITOR, FIXED,]LECTROLYTIC: 150D1697; (56289) | | EA | REF | | | | | | | | | 3-19 | A8A1E3C41 |
| X1-D | | INSULATOR TRANSISTOR: T1566; (98291) | | EA | 3 | | | | | | | | | | A8A1E3E2 |
| X1-D | | INSULATOR, TRASISTOR: T1566; (98291) | | EA | REF | | | | | | | | | | A8A1E3E3 |
| X1-D | | INSULATOR, TRAUSSISTOR: T1566; (98291) | | EA | REF | | | | | | | | | | A81E3E4 |
| X1-D | | JACK, TIP: 105-73100oo; (74970) | | EA | 1 | | | | | | | | | 3-19 | A8A1E3J15 |
| X1-D | | JACK, TIP: 105-736-100; (74970) | | EA | 1 | | | | | | | | | 3-19 | ABA1E3J13 |
| X1-D | | JACK, TIP: 105-740-100; (74970) | | EA | 1 | | | | | | | | | 3-19 | A8A1E3J16 |
| X1-D | | JACK, TIP: 105-737-100; (74970) | | EA | 1 | | | | | | | | | 3-19 | ASA1E3J11 |
| X1-D | | REACTOR: DR905; (80223) | | EA | 1 | | | | | | | | | 3-19 | A8A1E3L3 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07Gi22KS; (81349) | | EA | 1 | | | | | | | | | 3-19 | A8A1E3R72 |
| X1-D | | RESISTOR, FIXED, CDMPOSITION: RCR07Gi52KS; (81349) | | EA | 1 | | | | | | | | | 3-19 | A8A1E3R45 |
| X1-D | | RESISTOR, FIXED, CODPOSITION: RCR07G272KS; (81349) | | EA | 1 | | | | | | | | | 3-19 | A8A1E3R63 |
| X1-D | | RESISTOR, FIXED, CODPOSITION: RCR07G332K; (81349) | | EA | 1 | | | | | | | | | 3-19 | A8A1E3R51 |
| X1-D | | RESISTOR, FIXED, COWOSITION: RCR07G103KS; (81349) | | EA | 4 | | | | | | | | | 3-19 | A8A1E3R47 |
| X1-D | | RBSISTOR, FIXED, COMPOSITION: RCR07G103KS; (81349) | | EA | REF | | | | | | | | | 3-19 | A8A1E3R53 |
| X1-D | | RESISTOR, FIXED, COOSITION: RCR07G103KS; (81349) | | EA | REF | | | | | | | | | 3-19 | A8A1E3R64 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G1T3KS; (81349) | | | EA | REF | | | | | | | | 3-19 | A8A1E3R68 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G123KS; (81349) | | | EA | 2 | | | | | | | | 3-19 | A8A1E3R58 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G123KS; (81349) | | | EA | REF | | | | | | | | 3-19 | A8A1E3R78 |
| X1-D | | RESISTOR, FIXED, COMPOSITIOW: RCR07G183KS; (81349) | | | EA | 1 | | | | | | | | 3-19 | A8A1E3R55 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G223KS; (81349) | | | EA | 2 | | | | | | | | 3-19 | A8A1E3R48 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCROTG223KS; (81349) | | | EA | REF | | | | | | | | 3-19 | A8A1E3R74 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07C273KS; (81349) | | | EA | 2 | | | | | | | | 3-19 | A8A1E3R59 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G273KS; (81349) | | | EA | REF | | | | | | | | 3-15 | A8A1E3R73 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G104KS; (81349) | | | EA | 3 | | | | | | | | 3-15 | A8A1E3R49 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G104KS; (81349) | | | EA | REF | | | | | | | | 3-19 | A8A1E3R76 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G104KS; (81349) | | | EA | REF | | | | | | | | 3-19 | A8A1E3R77 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G184KS; (81349) | | | EA | 1 | | | | | | | | 3-19 | A8A1E3R50 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G474KS; (81349) | | | EA | 1 | | | | | | | | 3-19 | A8A1E3R75 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D51R1F; (81349) | | | EA | 1 | | | | | | | | 3-19 | A8A1E3R65 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D4221F; (81349) | | | EA | 1 | | | | | | | | 3-19 | A8A1E3R66 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D5111F; (81349) | | | EA | 2 | | | | | | | | 3-19 | A8A1E3R61 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D5111Y; (81349) | | | EA | REF | | | | | | | | 3-19 | A8A1E3R62 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1102F; (81349) | | | EA | 1 | | | | | | | | 3-19 | A8A1E3R56 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1102F; (81349) | | | EA | 1 | | | | | | | | 3-19 | A8A1E3R57 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1622F; (81349) | | | EA | 1 | | | | | | | | 3-19 | A8A1E3R60 |
| X1-D | | RESISTOR, THERMAL: 763F28; (10646) | | | EA | 1 | | | | | | | | 3-15 | A8A1E3R67 |
| X1-D | | RESISTOR, VARIABLE, WIREWOUND: 224P1-102; (80294) | | | EA | 1 | | | | | | | | 3-15 | A8A1E3R54 |
| X1-D | | RESISTOR, VARIABLE, WIREOIRD: 224P1-503; (80294) | | | EA | 2 | | | | | | | | 3-19 | A8A1E3R46 |
| X1-D | | RESISTOR, VARIABLE, WIREWOUND 224P1-503; (80294) | | | EA | REF | | | | | | | | 3-15 | A8A1E3R52 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 11457; (07688) | | | EA | 3 | | | | | | | | 3-15 | A8A1E3CR11 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|---|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) | (b) |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | FIG NO. | ITEM NO. OR REFERENCE DESIGNATION |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: LN457, (07688) | | EA | REF | | | | | | | | | 3-19 | A8A1E3CR12 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N457; (07688) | | EA | REF | | | | | | | | | 3-19 | A8A1E3CR13 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: TRANSISTOR: JAN2N526, (81350) | | EA | 1 | | | | | | | | | 3-19 | A8A1E3CR10 |
| X1-D | | TRANSISTOR: JAN2N526, (81350) | | EA | 3 | | | | | | | | | 3-19 | A8A1E3Q8 |
| X1-D | | TRANSISTOR: JAN2N526, (81350) | | EA | REF | | | | | | | | | 3-19 | A8A1E3Q9 |
| X1-D | | TRANSISTOR: JAN2N526; (81350) | | EA | REF | | | | | | | | | 3-19 | A8A1E3Q10 |
| P--D | | CAPACITOR, FIXED, CERAMIC: 33C58; (01939) | | EA | 1 | | | | | | * | * | | 3-16 | A8A1C43 |
| P--D | 5910-834-8493 | CAPACITOR, FIXED, ELECTROLYTIC: 150D476X003582, (56289) | | EA | 1 | | | | | | * | * | | 3-16 | A8A1C44 |
| P--D | | CHASSIS, ELECTRICAL EQUIPMENT: 549-5659-005, (13499) | | EA | 1 | | | | | | | | | | A8A1MP1 |
| P--D | 5935-808-7502 | CONNECTOR, RECEPTACLE: DBM25P, (71i68) | | EA | 1 | | | | | | * | * | | 3-16 | A8A1P1 |
| P--D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | 2 | | | | | | REF | REF | | | A8A1P1H1 |
| P--D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26; (72962) | | EA | REF | | | | | | REF | REF | | | A8A1P1H2 |
| P--D | 5305-770-2533 | SCREW, MACHINE: MS51959-13; (77250) | | EA | 2 | | | | | | REF | REF | | | A8A1P1H3 |
| P--D | 5305-770-2533 | SCREW, MACHINE MS51959-13; (77250) | | EA | REF | | | | | | REF | REF | | | A8A1P1H4 |
| P--D | | WASHER, FLAT: 310-0044-000; (79807) | | EA | 2 | | | | | | REF | REF | | | A8A1P1H5 |
| P--D | | WASHER, FLAT: 310-0044-000; (79807) | | EA | REF | | | | | | REF | REF | | | A8A1P1H6 |
| P--H-T | 5820-975-5412 | CONTROL OSCILLATOR GROUP: 549-5654-004; (13499) | | EA | 1 | | | | * | * | * | * | * | 3-6 | A8A1E1 |
| P--D | 5305-727-8833 | SCREW, MACHINE: MS51959-3, (96906) | | EA | 6 | | | | | | REF | REF | | | A8A1E1H6 |
| X1-D | | BOARD, PRINTED CIRCUIT 549-5650-003, (13499) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1E1 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8083, (56289) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1C18 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D476X0035S2, (56289) | | EA | 2 | | | | | | | | | 3-17 | A8A1E1C1 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D476X0035S2, (56289) | | EA | REF | | | | | | | | | 3-17 | A8A1E1C22 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D394X9035A2, (56289) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1C26 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D564X9035A2, (56289) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1C26 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D684X0035A2, (56289) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1C26 |
| *SELECT PER OPERATIONAL REQUIREMENT. | | | | | | | | | | | | | | | |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D105X9035A2, (56289) | | EA | 1 | | | | | | | | | 3-17 | ARAE1C17 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D336X9010B2, (56289) | | EA | 2 | | | | | | | | | 3-17 | A8A1E1C23 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D336X9010B2, (56289) | | EA | REF | | | | | | | | | 3-17 | A8A1E1C24 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D474X9035A2, (56289) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1C26 * |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D334X9035A2, (56289) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1C26 * |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D1697; (56289) | | EA | 2 | | | | | | | | | 3-17 | A8A1E1C21 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 150D1697; (56289) | | EA | REF | | | | | | | | | 3-17 | A8A1E1C25 |
| X1-D | | CAPACITOR, FIXED, MICA: CM06FD302F03, (81349) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1C19 |
| X1-D | | CAPACITOR, FIXED, MICA: DM30F153F03, (72136) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1C20 |
| X1-D | | COIL, RADIO FREQUMUEICY: MP206-31B, (95105) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1L1 |
| X1-D | | SCREW, MACHIN: P343-0329-000; (77250) | | EA | 1 | | | | | | | | | | A8A1E1L1H1 |
| X1-D | | JACK, TIP: 105-731-100, (74970) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1J9 |
| X1-D | | JACK, TIP: 105-732-100; (74970) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1J12 |
| X1-D | | JACK, TIP: 105-733-100, (74970) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1J10 |
| X1-D | | JACK, TIP: 105-738-100, (74970) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1J11 |
| X1-D | | JACK, TIP: 105-743-100, (74970) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1J8 |
| X1-D | | REACTOR: 678-0084-000; (13499) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1L2 |
| X1-D | | SCREW, MACHINE: P343-0329-000; (77250) | | EA | 1 | | | | | | | | | | A8A1E1L2H1 |
| X1-D | | RELAY, ARMATURE: 3SAK1005, (01526) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1K1 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G104KS, (81349) | | EA | 5 | | | | | | | | | 3-17 | A8A1E1R34 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07D104KS, (81349) | | EA | REF | | | | | | | | | 3-17 | A8A1E1R38 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G104KS, (81349) | | EA | REF | | | | | | | | | 3-17 | A8A1E1R39 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07G104KS, (81349) | | EA | REF | | | | | | | | | 3-17 | A81E1R41 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR07GIC0KS, (81349) | | EA | REF | | | | | | | | | 3-17 | A8A1E1R44 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RC42GF681K; (81349) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1R3 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | RESISTOR, FIXED, FILM: RH60D215_F, (81349) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1R36 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D5111F, (81349) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1R43 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D1782F; (81349) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1R37 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D2372F, (81349) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1R35 |
| X1-D | | RESISTOR, THERMAL: 763F28, (10646) | | EA | 2 | | | | | | | | | 3-17 | A8A1E1R42 |
| X1-D | | RESISTOR, THERMAL: 763F28, (10646) | | EA | REF | | | | | | | | | 3-17 | ABA1E1R85 |
| X1-D | | RESISTOR, THERMAL: TITM1 4-3900-5PC; (96214) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1R83 |
| X1-D | | RESISTOR, VARIABLE, WIREWOUND: 224P1-502, (80294) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1R40 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N457, (07688) | | EA | 2 | | | | | | | | | 3-17 | A8AE1CR9 |
| X1-D | | SEMICONDUCTOR DEYICE, DIODE: 1N457, (07688) | | EA | REF | | | | | | | | | 3-17 | AA1Le1CR18 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N816, (07688) | | EA | 2 | | | | | | | | | 3-17 | A8A1E1CR7 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N816; (07688) | | EA | REF | | | | | | | | | 3-17 | A8A1E1CR8 |
| X1-D | | TRANSISTOR: 2N697, (07688) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1Q7 |
| X1-D | | TRANSISTOR: JAN2N333, (81350) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1Q6 |
| X1-D | | TRANSISTOR: JAN2526, (81350) | | EA | 1 | | | | | | | | | 3-17 | A8A1E1Q5 |
| M--D | | COVER, AMPLIFIER-AUDIO FREQUENCY: 549-5703-005; (13499) | | EA | 1 | | | | | | | | | | A8A1MP2 |
| P--D | 5305-054-5648 | SCREW, MACHINE: MS51957-14, (96906) | | EA | 2 | | | | | | | REF | REF | | A8A1MP2H1 |
| P--D | 5305-054-5648 | SCREW, MACHINE: MS51957-14, (96906) | | EA | REF | | | | | | | REF | REF | | A8A1MP2H2 |
| P--D | 5310-136-6133 | WASHER, FLAT: 310-6340-000, (79807) | | EA | 2 | | | | | | | * | * | | A8A1MP2H3 |
| P--D | 5310-136-6133 | WASHER, FLAT: 310-63 0-000, (79807) | | EA | REF | | | | | | | REF | REF | | A8A1MP2H4 |
| M--D | | HARNES, WIRING, BRANCHED: 549-5641-000, (13499) | | EA | 1 | | | | | | | | | | A8A1W1 |
| P--D | 5905-279-3521 | RESISTOR, FIXED, COMPOSITION: RCR20G150KS, (81349) | | EA | 1 | | | | | | | * | * | 3-16 | A8A1R81 |
| P--D | 5905-279-1745 | RESISTOR, FIXED, COMPOSITION: RCR32G150KS, (81349) | | EA | 1 | | | | | | | * | * | 3-16 | A8A1R84 |
| P--D | | RESISTOR, FIXED, COMPOSITION: RCR32G152KS, (81349) | | EA | 1 | | | | | | | * | * | 3-16 | A8A1R79 |
| P--D | 5905-252-1953 | RESISTOR, FIXED, COMPOSITION: RC42CF100K, (81349) | | EA | 1 | | | | | | | * | * | 3-16 | A8A1R82 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P--D | 5905-827-0724 | RESISTOR, THEIMAL: 763F2, (10646) | | EA | 1 | | | | | | | * | * | 3-16 | A8A1R80 |
| P--D | | SEMICONDUCTOR SET: 2N158AMATCHEDPR: (C7688) | | EA | 1 | | | | | | | * | * | 3-16 | A8A1Q11 |
| M--D | | INSULATOR, BUSHING: 549-5642-002; (13499) | | EA | 2 | | | | | | | | | | ABA1Q11H1 |
| P--D | 5305-705-9528 | SCREW, EXTERNALLY RELIEVED BODY: 542-1348-002, (13499) | | EA | | | | | | | | 2 | ** | | A8A1Q11H2 |
| P--D | 5970-143-3596 | WASHER: 543-5561-003; (13499) | | EA | 2 | | | | | | | * | * | | A8A1Q11H3 |
| P-D | 5340-975-7637 | TERMINAL, GROUND: 549-5709-002, (13499) | | EA | 1 | | | | | | | REF | REF | | A8A1E4 |
| P--D | 5305-616-2568 | SCREW, MAKGINE: P343-0285-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8AE14H1 |
| P--D | | WASHER, LOCK: MS35338-135; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A1E4H2 |
| P--D | | TERMINAL, LUG: 040-2HT, (77147) | | EA | 1 | | | | | | | REF | REF | | A8A1E5 |
| P--D | 5310-934-9740 | NUT, PLAIN, HEXAGON: MS35649-225, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A1E5H1 |
| P--D | 5305-576-6002 | SCREW, MACHINE: P343-0298-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A1ER5H2 |
| P--D | 5310-981-2255 | WASHER, SPRING TENSION: 310-0074-00, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A1E5H3 |
| P--D | | TERMINAL, LUG: 4007-4HT, (77147) | | EA | 1 | | | | | | | REF | REF | | A8A1E6 |
| P--D | 5950-812-0292 | TRANSFORMER, AUDIO FREQUENCY: A12425, (70674) | | EA | 1 | | | | | | | * | * | 3-16 | A8A1T2 |
| P--D | 5305-770-2533 | SCREW, MACHINE: MS51959-13, (96906) | | EA | 4 | | | | | | | REF | REF | | A8A1T2H1 |
| P--D | 5305-770-2533 | SCREW, MACHINE: MS51959-13, (96906) | | EA | | | | | | | | REF | REF | | A8A1T2H2 |
| P--D | 5305-770-2533 | SCREW, MACHINE: MS51959-13, (96906) | | EA | | | | | | | | REF | REF | | A8A1T2H3 |
| P--D | 5305-770-2533 | SCREW, MACHINE: MS51959-13, (96906) | | EA | | | | | | | | REF | REF | | A8A1T2H4 |
| P--D | 5950-951-1391 | TRANSFORMER, AUDIO FRQUENCY: A12426, (706794) | | EA | 1 | | | | | | | * | * | 3-16 | A8A1T3 |
| P--D | 5305-770-2533 | SCREW, MACNINE: MS51959-13, (96906) | | EA | 4 | | | | | | | REF | REF | | A8A1T3H1 |
| P--D | 5305-770-2533 | SCREW, MACHINE: MS51959-13, (96906) | | EA | | | | | | | | REF | REF | | A8A1T3H2 |
| P--D | 5305-770-2533 | SCREW, MACHINE: MS51959-13, (96906) | | EA | | | | | | | | REF | REF | | A8A1T3H3 |
| P--D | 5305-770-2533 | SCREW, MACHINE: NS51959-13, (96906) | | EA | | | | | | | | REF | REF | | A8A1T3H4 |
| P--D | 5950-951-7181 | TRANSFORMER, AUDIO FREQUENCY: A12808, (70674) | | EA | 1 | | | | | | | * | * | 3-16 | A8A1T5 |
| P--D | 5305-770-2533 | SCREW, MACHINE: MS51959-13; (96906) | | EA | 4 | | | | | | | REF | REF | | A8A1T5H1 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P--D | 5305-770-2533 | SCREW, MACHINE: NS51959-13; (96906) | | EA | REF | | | | | | | REF | REF | | A8A1T5H2 |
| P--D | 5305-770-2533 | SCREW, MACHINE: S51959-13; (96906) | | EA | REF | | | | | | | REF | REF | | A8A1T5H3 |
| P--D | 5305-770-2533 | SCREW, MACHINE: MS51959-13; (96906) | | EA | REF | | | | | | | REF | REF | | A8A1T5H4 |
| P--D | 5820-087-2304 | POWER SUPPLY: PP351SPRC7T; (80058) | | EA | 1 | | | | * | * | * | * | * | 3-4 | A8A5 |
| P--D | 5999-965-5571 | ADAPTER, CABLE: YE1620F32; (09922) | | EA | 5 | | | | | | | * | * | | A8A5E12 |
| P--D | | ADAPTER, CABLE: YE1620F32; (09922) | | EA | REF | | | | | | | REF | REF | | A8A5E13 |
| P--D | | ADAPTER, CABLE: YE1620F32; (09922) | | EA | REF | | | | | | | REF | REF | | A8A5E14 |
| P--D | | ADAPTER, CABLE: YE1620F32; (09922) | | EA | REF | | | | | | | REF | REF | | A8A5E15 |
| P--D | | ADAPTER, CABLE: YE1620F32; (09922) | | EA | REF | | | | | | | REF | REF | | A8A5E16 |
| P--D | 5910-780-8675 | CAPACITOR, FIXED, ELECTROLYTIC: 600D476G050DE5; (56289) | | EA | 4 | | | | | | | * | * | 3-50 | A8A5C25 |
| P--D | | CAPACITOR, FIXED, ELECTROLYTIC: 600D476G050DE5; (56289) | | EA | REF | | | | | | | REF | REF | 3-45 | A8A5C27 |
| P--D | | CAPACITOR, FIXED, ELECTROLYTIC: 600D476G050DE5; (56289) | | EA | REF | | | | | | | REF | REF | 3-45 | ABA5C28 |
| P--D | | CAPACITOR, FIXED, ELECTROLYTIC: 600D476G050DE5; (56289) | | EA | REF | | | | | | | REF | REF | 3-45 | A8A5C29 |
| P--D | 5910-968-5427 | CAPACITOR, FIXED, ELECTROLYTIC: 600D107G050DJ5; (56289) | | EA | 1 | | | | | | | * | * | 3-45 | A8A5C26 |
| P--D | 5910-421-2325 | CAPACITOR, FIXED, ELECTROLYTIC: 600D136F20050DG5; (56289) | | EA | 1 | | | | | | | * | * | 3-50 | A8A5C1 |
| P--D | 5910-954-3038 | CAPACITOR, FIXED, ELECTROLYTIC: D42974; (56289) | | EA | 2 | | | | | | | * | * | 3-11 | A8A5C19A |
| P--D | 5910-954-3038 | CAPACITOR, FIXED, ELECTROLYTIC: D42974; (56289) | | EA | REF | | | | | | | REF | REF | 3-11 | A8ASC19B |
| P--D | 5910-949-1438 | CAPACITOR, FIXED, PAPER: 930-0524-000; (13499) | | EA | 1 | | | | | | | * | * | 3-45 | A8A5C16 |
| M--D | | CHASSIS, ELECTRICAL, EQUIPMENT: 549-5835-005; (13499) | | EA | 1 | | | | | | | | | | A8A5MP1 |
| M--D | | CHASSIS, ELECTRICAL, EQUIPMENT: 549-6406-004; (13499) | | EA | 1 | | | | | | | | | 3-11 | A8A5A1 |
| P--D | | SCREW, MACHINE: P330-2290-000; (77250) | | EA | 1 | | | | | | | * | * | | A8A5A1H1 |
| P--D | 5305-05-6651 | SCREW, MACHINE: MS51957-27; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A5A1H2 |
| P--D | 5935-766-646 | JACK, TIP: 72-153BLK; (12615) | | EA | 1 | | | | | | | * | * | 3-11 | A8A5A1J10 |
| P--D | | JACK, TIP: 72-153BRN; (12615) | | EA | 2 | | | | | | | * | * | 3-11 | A8A5A1J1 |
| P--D | | JACK, TIP: 72-153BRN; (12615) | | EA | REF | | | | | | | REF | REF | 3-11 | A8A5A1J11 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P--D | 5935-061-1363 | JACK, TIP: 72-153RED; (12615) | | EA | 1 | | | | | | | * | * | 3-11 | A8A5A1J2 |
| P--D | 5935-080-9292 | JACK, TIP: 72-153ORN; (12615) | | EA | 1 | | | | | | | * | * | 3-11 | A8A5A1J3 |
| P--D | 5935-080-9293 | JACK, TIP: 72-153YEL; (12615) | | EA | 1 | | | | | | | * | * | 3-11 | A8A5A1J4 |
| P--D | 5935-988-4769 | JACK, TIP: 72-153GRN; (12615) | | EA | 1 | | | | | | | * | * | 3-11 | A8A5A1J5 |
| P--D | 5935-951-4052 | JACK, TIP: 72-153BLU; (12615) | | EA | 1 | | | | | | | * | * | 3-11 | A8A5A1J6 |
| P--D | 5935-951-4053 | JACK, TIP: 72-153VIO; (12615) | | EA | 1 | | | | | | | * | * | 3-11 | A8A5A1J7 |
| P--D | 5935-960-7324 | JACK, TIP: 72-153GRA; (12615) | | EA | 1 | | | | | | | * | * | 3-11 | A8A5A1J8 |
| P--D | 5935-954-4470 | JACK, TIP: 72-153WHT; (12615) | | EA | 1 | | | | | | | * | * | 3-11 | A8A5A1J9 |
| P--D | CLAMP, LOOP: | HP4N; (09922) | | EA | 1 | | | | | | | * | * | | A8A5MP2 |
| P--D | 5305-05h-6653 | SCREW, MACHINE: MS51957-29; (96906) | | EA | 1 | | | | | | | * | * | | A8A5MP2H2 |
| P--D | 5310-531-9514 | WASHER, FLAT: 310-6360-000; (79807) | | EA | 1 | | | | | | | * | * | | A8A5MP2H1 |
| P--D | | CONNECTOR, RECEPTACLE: DCM27W2P; (71h68) | | EA | 1 | | | | | | | * | * | 3-45 | A8A5P1 |
| P--D | | SCREW, MACHINE: P330-2286-000; (77250) | | EA | 1 | | | | | | | * | * | | A8A5P1B1 |
| P--D | 5305-054-5637 | SCREW, MACHINE: MS51957-3; (96906) | | EA | 2 | | | | | | | * | * | | A8A5P1H2 |
| P--D | 5305-054-5637 | SCREW, MACHINE: MS51957-3; (96906) | | EA | REF | | | | | | | REF | REF | | A8A5P1H3 |
| P--D | 5305-054-5638 | SCREW, MACHINE: MS51957-4; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A5P1H4 |
| P--D | | WASHER, FLAT: 310-6320-00; (79807) | | EA | 2 | | | | | | | REF | REF | | A8A5P1H5 |
| P--D | | WASHER, FLAT: 310-6320-00; (79807) | | EA | REF | | | | | | | REF | REF | | A8A5P1H6 |
| M--D | | COVER, POWER SUPPLY: 549-5815-003; (13499) | | EA | 1 | | | | | | | | | | A8A5MP3 |
| P--D | 5305-685-1490 | SCREW, MACHINE: P330-2290-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A5MP3H1 |
| P--D | 5305-764-2964 | SCREW, MACHINE: MS51959-4; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A5MP3H2 |
| P--D | 5305-764-2964 | SCREW, MACHINE: MS51959-4; (96906) | | EA | REF | | | | | | | REF | REF | | A8A5MP3H3 |
| P--D | 5310-782-1349 | WASHER, FLAT: 310-0045-00; (79807) | | EA | 2 | | | | | | | REF | REF | | A8A5MP3H4 |
| P--D | 5310-782-1349 | WASHER, FLAT: 310-0045-00; (79807) | | EA | REF | | | | | | | REF | REF | | A8A5MP3H5 |
| M-D | | HARNESS, WIRING, BRANCHED: 549-5810-000; (13499) | | EA | 1 | | | | | | | | | | A8A5W1 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P--D | 5935-034-1097 | INSERT, CONNECTOR: DM51157, (71468) | | EA | 2 | | | | | | | * | * | | A8A5P1A1 |
| P--D | 5935-034-1097 | INSERT, CONNECTOR: DM51157, (71468) | | EA | REF | | | | | | | REF | REF | | A8A5P1A2 |
| M--D | | PIN, LOCATING: 549-5836-002, (13499) | | EA | 2 | | | | | | | | | | A8A5MP4 |
| P--D | 5305-054-6668 | SCREW, MACHINE: MS51957-43, (96906) | | EA | 1 | | | | | | | * | * | | A8A5MP4H1 |
| P--D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137, (96906) | | EA | 1 | | | | | | | * | * | | A8A5MP4H2 |
| M--D | | PIN, LOCATING: 549-5836-002, (13499) | | A | REF | | | | | | | | | | A8A5MP5 |
| P--D | 5305-054-6668 | SCREW, MACHINE: MS51957-43, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A5MP5H1 |
| P--D | | WASHER, FLAT: 310-0048-000; (79807) | | EA | 2 | | | | | | | * | | | A8A5MP5H2 |
| P--D | | WASHER, FLAT: 310-0048-000; (79807) | | EA | REF | | | | | | | REF | REF | | A8A5MP5H3 |
| P--D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A5MPS5H4 |
| M--D | 5325-960-2410 | PLASTIC CHANNEL: MS21266-1N, (96906) | | EA | 2 | | | | | | | | | | A8A5MP6 |
| M--D | 5340-984-0423 | POST, HEXAGON-TAPPED: 549-5811-002, (13499) | | EA | 2 | | | | | | | | | | A8A5MP7 |
| M--D | 5340-984-0423 | POST, HEXAGON-TAPPED: 549-5811-002, (13499) | | EA | REF | | | | | | | | | | A8A5MP8 |
| P--H-T | 6130-088-1381 | POWER SUPPLY SUBASSEMBLY-1: 549-5831-004; (13499) | | EA | 1 | | | | * | * | * | * | * | 3-11 | A8A5E1 |
| P--D | 5305-054-5647 | SCREW, MACHINE: MS51957-13, (96906) | | EA | 4 | | | | | | | REF | REF | | A8A5E1H4 |
| X1-D | | BOARD, TERMINAL-POWER SUPPLY: 549-5833-004, (13499) | | EA | 1 | | | | | | | | | 3-47 | A8A5E1E1 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CK60AW102M, (81349) | | EA | 2 | | | | | | | | | 3-47 | A8A5E1C18 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CK60AW102M, (81349) | | EA | REF | | | | | | | | | 3-47 | A8A5E1C21 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 20C119, (56289) | | EA | 12 | | | | | | | | | 3-47 | A8A5E1C3 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 20C119, (56289) | | EA | REF | | | | | | | | | 3-47 | A8A5E1C4 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 20C119, (56289) | | EA | REF | | | | | | | | | 3-47 | A8A5E1C5 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 20C119, (56289) | | EA | REF | | | | | | | | | 3-47 | A8A5E1C6 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 20C119, (56289) | | EA | REF | | | | | | | | | 3-47 | A8A5E1C7 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 20C119, (56289) | | EA | REF | | | | | | | | | 3-47 | A8A5E1C8 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 20C119, (56289) | | EA | REF | | | | | | | | | 3-47 | A8A5E1C9 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 20C119; (56289) | | EA | REF | | | | | | | | | 3-47 | A8A5E1C10 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 20C119; (56289) | | EA | REF | | | | | | | | | 3-47 | A8A5E1C11 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 20C119; (56289) | | EA | REF | | | | | | | | | 3-47 | A8A5E1C12 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 20C119; (56289) | | EA | REF | | | | | | | | | 3-17 | A8A5E1C13 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 20C119; (56289) | | EA | REF | | | | | | | | | 3-47 | A8A5E1C14 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: DD16-103; (71590) | | EA | 1 | | | | | | | | | 3-7T | A8A5E1C15 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | 20 | | | | | | | | | 3-46 | A8A5E1CR6 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CR7 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CR8 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-6 | A8A5E1CR9 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CR10 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-6 | A8A5E1CR11 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CR12 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CR13 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CR14 |
| X1-D | | SEMICONDUCTOR DEVICE DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CR15 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | ARA5E1CR16 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CR17 |
| X1-D | | CONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CR18 |
| X1-D | | SEDCONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CR19 |
| X1-D | | SEMCOIILUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CR20 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CR21 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CR22 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CP23 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CR24 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641, (07688) | | EA | REF | | | | | | | | | 3-46 | A8A5E1CR25 |
| P--H-T | 5820-950-4464 | POWER SUPPLY SUBASSEMBLY-2: 519-5823-003, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-11 | A8A5E2 |
| P--D | 5305-054-5649 | SCREW, MACHINE: MS51957-15, (96906) | | EA | 4 | | | | | | | * | * | | A8A5E2H4 |
| X1-D | | BOARD, PRINTED CIRCUIT: 549-5825-003, (13499) | | EA | 1 | | | | | | | | | 3-48 | A8A5E2E1 |
| X1-D | | CAPACITOR, FIXED, PAPER: SDB1K03154M, (53021) | | EA | 1 | | | | | | | | | 3-48 | A8A5E2C2 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR20G474JS; (813149) | | EA | 2 | | | | | | | | | 3-48 | A8A5E2R2 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR20G0474JS; (81349) | | EA | REF | | | | | | | | | 3-48 | A8A5E2R5 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR32G123KS, (81349) | | EA | 1 | | | | | | | | | 3-48 | A8A5E2R1 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR32G104KS, (81349) | | EA | 1 | | | | | | | | | 3-48 | A8A5E2R17 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR32G224KS; (81349) | | EA | 1 | | | | | | | | | 3-48 | A8A5E2R16 |
| X1-D | | RESISTOR, FIXED, CPOSWWITON: RCR32G684KS; (81349) | | EA | 1 | | | | | | | | | 3-48 | A8A5E2R15 |
| P-H-T | 6130-088-1380 | POWER SUPPLY SUBASSEMBLY-3: 549-5827-003, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-45 | A8A5E3 |
| P--D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40, (72962) | | EA | 2 | | | | | | | REF | REF | | A8A5E3H2 |
| P--D | 5305-763-7822 | SCREW, MACHINE: MS51959-14, (96906) | | EA | 2 | | | | | | | REF | REF | | A8A5E3H2 |
| P-D | | WASHER, FLAT: 310-6340-000, (79807) | | EA | 2 | | | | | | | REF | REF | | A8A5E3H2 |
| X1-D | | BOARD, - TERMINAL NO. 3: 549-5829-003, (13499) | | EA | 1 | | | | | | | | | 3-49 | A8A5E3E1 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641, (07688) | | EA | 8 | | | | | | | | | 3-49 | A8A5E3CR1 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641; (07688) | | EA | REF | | | | | | | | | 3-49 | A8A5E3CR2 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641, (07688) | | EA | REF | | | | | | | | | 3-49 | A8A5E3CR3 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641, (07688) | | EA | REF | | | | | | | | | 3-49 | A8A5E3CR4 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641, (07688) | | EA | REF | | | | | | | | | 3-49 | A8A5E3CR26 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641, (07688) | | EA | REF | | | | | | | | | 3-49 | ABA5E3CR27 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641, (07688) | | EA | REF | | | | | | | | | 3-49 | A8A5E3CR28 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3641, (07688) | | EA | REF | | | | | | | | | 3-49 | A8A5E3CR29 |
| P-D | 5950-984-2278 | REACTOR: A12408, (70674) | | EA | 1 | | | | | | | 5 | 2 | 3-45 | A8A5L1 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P--D | 5305-685-1490 | SCREW, MACHINE P330-2290-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A5L1H1 |
| P--D | 5305-685-1490 | SCREW, MACHINE: P330-2290-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A5L1H2 |
| P--D | 6110-960-7341 | REGULATOR SUBASSEMBLY, VOLTAGE 553-9717-004, (13499) | | EA | 1 | | | | | | | * | * | 3-50 | A8A5TB1 |
| P--D | 5305-054-5648 | SCREW, MACHINE: MS51957-14, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A5TB1H1 |
| P--D | 5310-058-3599 | WASHER, LOCK: MS35335-51; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A5TB1H1 |
| X1-D | | BRACKET, VOLTAGE REGULATOR: 553-9716-003, (13499) | | EA | 1 | | | | | | | | | | A8A5TB1MP1 |
| X1-D | | HOLDER, TRANSISTOR: A51043; (08289) | | EA | 2 | | | | | | | | | | A8A5TB1MP2 |
| X1-D | | HOLDER, TRANSISTOR: A51043, (08289) | | EA | REF | | | | | | | | | | A8A5TB1MP3 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D4220F; (81349) | | EA | 2 | | | | | | | | 3-51 | | A8A5TB1R21 |
| X1-D | | RESISTOR, FIXED, FILM: RN60DD220F; (81349) | | EA | REF | | | | | | | | 3-51 | | A8A5TB1R23 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D4640F, (81349) | | EA | 1 | | | | | | | | 3-51 | | A8A5TB1R19 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D2151F, (81349) | | EA | 1 | | | | | | | | 3-51 | | ABA5TB1R20 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N757, (07688) | | EA | 1 | | | | | | | | 3-51 | | A8A5TB1CR31 |
| X1-D | | TERMINAL, LUG: 2104-04-01-2520N; (78189) | | EA | 1 | | | | | | | | | | A8A5TB1E1 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: MS21044D04, (96906) | | EA | 1 | | | | | | | | | | A8A5TB1E1H1 |
| X1-D | | SCREW, MACHINE: MS51957-14, (96906) | | EA | 1 | | | | | | | | | | A8A5TB1E1H2 |
| X1-D | | TRANSISTOR: 2N697, (07688) | | EA | 2 | | | | | | | | 3-51 | | A8A5TB1Q1 |
| X1-D | | TRANSISTOR: 2N697, (07688) | | EA | REF | | | | | | | | 3-51 | | A8A5TB1Q2 |
| X1-D | | TRANSISTOR: 211485; (07688) | | EA | 1 | | | | | | | | 3-51 | | A8A5TB1Q3 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: MS21044D04, (96906) | | EA | 2 | | | | | | | | | | A8A5TB1Q3H1 |
| X1-D | | NUT, SELF-LOCKING, HEXAGON: MS21044DO; (96906) | | EA | REF | | | | | | | | | | A8A5TB1Q3H2 |
| X1-D | | SCREW, MACHINE: MS51957-5, (96906) | | EA | 2 | | | | | | | | | | A8A5TB1Q3H3 |
| X1-D | | SCREW, MACHINE: MS51957-15; (96906) | | EA | REF | | | | | | | | | | A8A5TB1Q3H4 |
| X1-D | | WASHER, FLAT: 504-0730-003, (13499) | | EA | 2 | | | | | | | | | | A8A5TB1Q3H5 |
| X1-D | | WASHER, FLAT: 504-0730-003, (13499) | | EA | REF | | | | | | | | | | A8A5TB1Q3H6 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | WASHER, NONMETALLIC: 302-0024-00C, (05284) | | EA | 2 | | | | | | | | | | A8A5TB1Q3H7 |
| X1-D | | WASHER, NONMETALLIC: 302-0024-000; (05284) | | EA | REF | | | | | | | | | | A8A5TB1Q3H8 |
| P--D | 5945-984-1796 | RELAY, ARMATURE: 45-4594, (04221) | | EA | 1 | | | | | | * | * | 3-50 | A8A5K1 | |
| P--D | 5305-777-6039 | SCREW, MACHINE: MS51959-12, (96906) | | EA | 2 | | | | | | REF | REF | | A8A5K1H1 | |
| P--D | 5305-777-6039 | SCREW, MACHINE: MS51959-12, (96906) | | EA | REF | | | | | | REF | REF | | A8A6K1H2 | |
| P--D | 5905-900-0431 | RESISTOR, FIXED, COMPOSITION: RCR20G473KS, (81349) | | EA | 1 | | | | | | * | * | 3-45 | A8A5R14 | |
| P--D | 5905-221-5860 | RESISTOR, FIXED, COMPOSITION: RCR200334KS, (81349) | | EA | 1 | | | | | | * | * | 3-45 | A8A5R12 | |
| P--D | 5905-279-1979 | RESISTOR, FIXED, COMPOSITION: RC42GF101K, (81349) | | EA | 1 | | | | | | * | * | 3-45 | A8A5R9 | |
| P--D | | RESISTOR, FIXED, COMPOSITION: RC42GF104K, (81349) | | EA | 1 | | | | | | * | * | 3-45 | A8A5R10 | |
| P--D | | RESISTOR, FIXED, COMPOSITION: RC42GF105K, (81349) | | EA | 2 | | | | | | * | * | 3-45 | A8A5R6 | |
| P--D | | RESISTOR, FIXED, COMPOSITION: RC42GF105K, (81349) | | EA | REF | | | | | | REF | REF | 3-45 | A8A5R7 | |
| P--D | 5905-982-3329 | RESISTOR, FIXED, WIRE WOUND: RW69V221, (81349) | | EA | 1 | | | | | | * | * | 3-45 | A8A5R24 | |
| P--D | 5905-088-0635 | RESISTOR, FIXED, WIRE WOUND: RW69V471, (81349) | | EA | 1 | | | | | | * | * | 3-45 | A8A5R11 | |
| P--D | 5905-819-1340 | RESISTOR, VARIABLE, WIRE WOUND: 224L1-201, (80294) | | EA | 1 | | | | | | * | * | 3-11 | A8A5R22 | |
| P--D | | SCREW, MACHINE: 330-2352-000, (70601) | | EA | 1 | | | | | | REF | REF | | A8A5R22H1 | |
| P--D | 5305-054-5638 | SCREW, MACHINE: MS51957-4, (96906) | | EA | 1 | | | | | | REF | REF | | A8A5R22H2 | |
| P--D | 5310-275-9230 | WASHER, FLAT: 310-0044-000, (79807) | | EA | 1 | | | | | | REF | REF | | A8A5R22H3 | |
| P--D | 5310-551-9286 | WASHER, NONMETALLIC: 302-0023-000, (05284) | | EA | 1 | | | | | | * | * | | A8A5R22H4 | |
| P--D | | RESISTOR, VARIABLE, WIRE WOUND: 224L1-503, (80294) | | EA | 1 | | | | | | * | * | 3-11 | A8A5R3 | |
| P--D | | SCREW, MACHINE: 330-2352-000, (70601) | | EA | 1 | | | | | | REF | REF | | A8A5R3K1 | |
| P--D | 5305-054-5638 | SCREW, MACHINE: MS51957-4, (96906) | | EA | 1 | | | | | | REF | REF | | A8A5R3H2 | |
| P--D | 5310-275-9230 | WASHER, FLAT: 310-0044-000, (79807) | | EA | 1 | | | | | | REF | REF | | A8A5R3H3 | |
| P--D | 5310-551-9286 | WASHER, NONMETALLIC: 302-0023-000, (05284) | | EA | 1 | | | | | | REF | REF | | A8A5R3H4 | |
| P--D | 5905-682-1379 | RESISTOR, VARIABLE, WIRE WOUND: 224L2-104, (80294) | | EA | 1 | | | | | | * | * | 3-11 | A8A5R4 | |
| P--D | | SCREW, MACHINE: 330-2352-000; (70601) | | EA | 1 | | | | | | REF | REF | | A8A544H1 | |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P--D | 5305-054-5638 | SCREW, MACHINE: MS51957-4; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A5R4H2 |
| P--D | 5310-275-9230 | WASHER, FLAT: 310-0044-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A5R4H3 |
| P--D | 5310-551-9286 | WASHER, NONMETALLIC: 302-0023-000, (05284) | | EA | 1 | | | | | | | REF | REF | | A8A5R4H4 |
| P--D | 5910-986-7754 | RETAINER, CAPACITOR: 549-5813-003, (13499) | | EA | 1 | | | | | | | * | * | | A8A5MP9 |
| P--D | 5305-054-6652 | SCREW, MACHINE: MS51957-28; (96906) | | EA | 1 | | | | | | | * | * | | A8A5MP9H1 |
| P--D | 5310-531-9514 | WASHER, FLAT: 310-6360-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A5MP9H2 |
| P--D | 5935-840-5485 | SOCKET, ELECTRON TUBE: 88-8TM, (02660) | | EA | 2 | | | | | | | * | * | 3-45 | A8A5XC19 |
| P--D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40, (72962) | | EA | 2 | | | | | | | REF | REF | | A8A5XC19H1 |
| P--D | 5310-611-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | REF | | | | | | | REF | REF | | A8A5XC19H2 |
| P--D | 5305-685-1490 | SCREW, MACHINE: P330-2290-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A5XC19H3 |
| P--D | 5305-685-1490 | SCREW, MACHINE: P330-2290-000, (77250) | | E/ | REF | | | | | | | REF | REF | | ABA5XC19H4 |
| P--D | 5935-840-5485 | SOCKET, ELECTRON TUBE: 88-8TM, (02660) | | EA | REF | | | | | | | REF | REF | 3-45 | A8A5XC20 |
| P--D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-10; (72962) | | EA | 1 | | | | | | | REF | REF | | A8A5XC20H1 |
| P--D | 5305-685-1490 | SCREW, MACHINE: P330-2290-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A5XC20H2 |
| P--D | 5305-685-1490 | SCREW, MACHINE: P330-2290-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8ASXC20H3 |
| P--D | 5310-058-3599 | WASHER, LOCK: MS35335-51; (96906) | | EA | 1 | | | | | | | REF | REF | | A8ASXC20H4 |
| P--D | 5340-975-7637 | TERMINAL, GROUND: 549-5709-002; (13499) | | EA | 1 | | | | | | | REF | REF | | A8A5E4 |
| P--D | 5305-685-1490 | SCREW, MACHINE: P330-2290-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A5E4H1 |
| P--D | | WASHER, LOCK: MS35338-135; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A5E14H2 |
| P--D | | TERMINAL, LUG: 4040-2HT; (77147) | | EA | 1 | | | | | | | REF | REF | | A8A5E5 |
| P--D | 5310-938-20 13 | NUT, PLAIN, HEXAGON: MS35649-224; (96906) | | EA | 1 | | | | | | | * | * | | A8A5E5H1 |
| P--D | | SCREW, MACHINE: P330-2285-000; (77250) | | EA | 1 | | | | | | | * | * | | A8A5E5H2 |
| P--D | 5310-928-2690 | WASHER, LOCK: MS35338-134; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A5E5H3 |
| P--D | | TERMINAL, LUG: 2104-04-01-2520N; (78189) | | EA | 1 | | | | | | | REF | REF | | A8A5E6 |
| P--D | 5310-275-0889 | NUT, PLAIN, HEXAGON: P313-0132-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A5E6H1 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|---|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P--D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A5E17H2 |
| P--D | | WASHER, LOCK: MS35338-135; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A5E17H3 |
| P--D | 5940-259-8457 | TERMINAL, STUD: RTMT12M; (91663) | | EA | 5 | | | | | | | REF | REF | | A8A5E7 |
| P--D | 5305-054-5646 | SCREW, MACHINE: MS51957-12; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A5E7H1 |
| P--D | 5940-259-8457 | TERMINAL, STUD: RTMT12M; (91663) | | EA | REF | | | | | | | REF | REF | 3-45 | A8A5E8 |
| P--D | 5940-259-8457 | TERMINAL, STUD: RTWT12M; (91663) | | EA | REF | | | | | | | REF | REF | | A8A5E9 |
| P--D | 5305-777-6039 | SCREW, MACHINE: MS51959-12; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A50H1 |
| P--D | 5940-259-8457 | TERMINAL, STUD: RTMT12M; (91663) | | EA | REF | | | | | | | REF | REF | | A8A5E10 |
| P--D | 5305-777-6039 | SCREW, MACHINE: MS51959-12; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A5E10H1 |
| P--D | 5940-259-8457 | TERMINAL, STUD: RTWT12M; (91663) | | EA | REF | | | | | | | REF | REF | 3-45 | A8A5E11 |
| P--D | 5940-255-3907 | TERMINAL, STUD 504-7415-002; (13499) | | EA | 1 | | | | | | | * | * | | A8A5E18 |
| P--D | 5305-054-5646 | SCREW, MACHINE: MS51957-12; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A5E18H1 |
| P--D | | WASHER, LOCK: MS35338-135; (96906) | | EA | 1 | | | | | | | REF | REF | | ABA5E18H2 |
| P--D | 5950-432-6475 | TRANSFORMER, POWER, STEP-DOWN: 526-6052-001; (13499) | | EA | 1 | | | | | | | * | * | 3-45 | A8A5T2 |
| P--D | 53106-8660 | NUT, PLAIN, HEXAGON: P313-0045-000; (77250) | | EA | 1 | | | | | | | * | * | | A8A5T2H1 |
| P--D | 5305-054-6660 | SCREW, MACHINE: MS51957-36; (96906) | | EA | 1 | | | | | | | * | * | | A8A5T2H2 |
| P--D | 5310-275-1347 | WASHER, FLAT: 310-0046-000; (79807) | | EA | 2 | | | | | | | REF | REF | | A8A5T2H3 |
| P--D | 5310-275-1347 | WASHER, FLAT: 310-0046-000; (79807) | | EA | REF | | | | | | | REF | REF | | A8A5T2H4 |
| P--D | 5310-929-6395 | WASHER, LOCK: 310-0071-000; (79807) | | EA | 1 | | | | | | | * | * | | A8AST2HR5 |
| P--D | 5950-982-3748 | TRANSFORMER, POWER: BC3069; (97315) | | EA | 1 | | | | | | | * | * | 3-11 | A8A5T1 |
| P--D | 5305-763-6963 | SCREW, MACHINE: MS51959-28; (96906) | | EA | 2 | | | | | | | * | * | | A8A5T1H1 |
| P--D | 5305-763-6963 | SCREW, MACHINE: MS51959-28; (96906) | | EA | REF | | | | | | | REF | REF | | A8A5T1H2 |
| P--D | 5305-054-6653 | SCREW, MACHINE: MS51957-29; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A5T1H3 |
| P--D | 5305-054-6653 | SCREW, MACHINE: MS51957-29; (96906) | | EA | REF | | | | | | | REF | REF | | A8A5T1H4 |
| A-H-T | | CHASSIS, ELECTRICAL EQUIPMENT: CH474PRC47, (80058) | | EA | 1 | | | | | | | | | | A8A4 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P--D | 5330-558-2310 | GASKET, O-RING: MS9021-013; (96906) | | EA | 5 | | | | | | | * | * | | A8A4H5 |
| P--D | 5305-78-9882 | SCREW, SEALING: 548-7976-003; (13499) | | EA | 5 | | | | | | | * | * | | A8A4H5 |
| P--D | | ADAPTER, CABLE: YE1620F32, (09922) | | EA | 3 | | | | | | | REF | REF | | A8A4E9 |
| P--D | | ADAPTER, CABLE: YE1620F32; (09922) | | EA | REF | | | | | | | REF | REF | | A8A4E10 |
| P--D | | ADAPTER, CABLE: YE1620F32; (09922) | | EA | REF | | | | | | | REF | REF | | A8A4E11 |
| P--D | 5940-728-3622 | ADAPTER, CABLE: YE1216F32; (09922) | | EA | 2 | | | | | | | * | * | | A8A4E2 |
| P--D | 5940-728-3622 | ADAPTER, CABLE: YE1216F32; (09922) | | EA | REF | | | | | | | REF | REF | | A8A4E13 |
| P--D | 5935-892-9923 | ADAPTER, PIN TO CONNECTOR: 549-6148-002; (13499) | | EA | 6 | | | | | | | | | | A8A4E14 |
| P--D | 5935-892-9923 | ADAPTER, PIN TO CONNECTOR: 549-6148-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8AhE15 |
| P--D | 5935-892-9923 | ADAPTER, PIN TO CONNECTOR: 549-6148-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4E16 |
| P--D | 5935-892-9923 | ADAPTER, PIN TO CONNECTOR: 549-6148-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4E17 |
| P--D | 5935-892-9923 | ADAPTER, PIN TO CONNECTOR: 549-6148-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4E18 |
| P--D | 5935-892-9923 | ADAPTER, PIN TO CONNECTOR: 549-6148-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4E19 |
| P--D | 6625-984-1076 | AMMETER, DC: 59-7159; (11707) | | EA | 1 | | | | | | | . | * | | ABA4M01 |
| P-D | 5305-182-9459 | SCREW, MACHINE: P343-0023-000, (77250) | | EA | 4 | | | | | | | * | * | | A8A4K101H1 |
| P-D | | SCREW, MACHINE: P343-0023-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4M101H2 |
| P--D | | SCREW, MACHINE: P343-0023-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4101H3 |
| P--D | | SCREW, MACHINE: P343-0023-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A4M101H4 |
| P--H-T | 5820-168-1598 | AMPLIFIER SUBASSEMBLY: 549-6230-004; (13499) | | EA | 1 | | | | * | * | * | * | * | | A8A4A |
| P--D | 5305-054-6652 | SCREW, MACHINE: MS51957-28; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4A1H2 |
| P--D | 5305-054-6651 | SCREW, MACHINE: MS51957-27; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4A1H2 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 20C95; (56289) | | EA | 1 | | | | | | | | | 3-66 | A8A4A1C101 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 36C228A3; (56289) | | EA | 1 | | | | | | | | | 3-66 | A8A4AC139 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CK13BX103M; (81349) | | EA | 2 | | | | | | | | | 3-66 | A8A4A1C125 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CK13BX103M; (81349) | | EA | REF | | | | | | | | | 3-66 | A8A4A1C126 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: HTS127-2000Z; (00656) | | EA | 1 | | | | | | | | | 3-66 | A8A4A1C141 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8084; (56289) | | EA | 2 | | | | | | | | | 3-66 | A8A4A1C103 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 6S8084, (56289) | | EA | REF | | | | | | | | | 3-66 | A8A4A1C104 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CM05ED680J03; (81349) | | EA | 1 | | | | | | | | | 3-66 | A8A4A1C140 |
| X1-D | | CHASSIS, ELECTRICAL EQUIPMENT: 549-6219-003; (13499) | | EA | 1 | | | | | | | | | | A8A4A1A1 |
| X1-D | | SCREW, MACHINE: P343-0172-00; (77250) | | EA | 2 | | | | | | | | | | A8A4A1A1H2 |
| X1-D | | WASHER, FLAT: 310-0046-000; (79807) | | EA | 1 | | | | | | | | | | A8A4A1A1H1 |
| X1-D | | WASHER, NONMETALLIC: 302-0026-000; (05284) | | EA | 4 | | | | | | | | | | A8A4A1A1H4 |
| X1-D | | JACK, TIP: 72-140-1; (12615) | | EA | 1 | | | | | | | | 3-66 | | A8A4A1A1J1 |
| X1-D | | JACK, TIP: 72-140-2; (12615) | | EA | 1 | | | | | | | | 366 | | A8A4A1A1J2 |
| X1-D | | JACK, TIP: 72-140-3; (12615) | | EA | 1 | | | | | | | | 366 | | A8A4A1A1J3 |
| X1-D | | JACK, TIP: 72-140-4; (12615) | | EA | 1 | | | | | | | | 3-66 | | A8A4A1A1J4 |
| XL-D | | JACK, TIP: 72-140-5; (12615) | | EA | 1 | | | | | | | | 3-66 | | A8A4A1A1J5 |
| X1-D | | CHASSIS, ELECTRICAL EQUIPMENT: 549-6221-003; (13499) | | EA | 1 | | | | | | | | | | A8A4A1MP1 |
| X1-D | | SCREW, MACHINE: P343-0172-00; (77250) | | EA | 2 | | | | | | | | | | A8A4hAMP1H1 |
| X1-D | | SCREW, MACHINE: P343-0172-00; (77250) | | EA | REF | | | | | | | | | | A8A4A1MP1H2 |
| X1-D | | WASHER, FLAT: 310-0046-000; (79807) | | EA | 2 | | | | | | | | | | A8A4A1MP1H3 |
| X1-D | | WASHER, FLAT: 310-0046-000; (79807) | | EA | REF | | | | | | | | | | A8A4A1MP1H4 |
| X1-D | | WASHER, NONMETALLIC: 302-0026-000, (052814) | | EA | 4 | | | | | | | | | | A8A4A1MP1H5 |
| X1-D | | WASHER, NONMETALLIC: 302-0026-000, (05284) | | EA | REF | | | | | | | | | | A8A4A1MP1H6 |
| X1-D | | WASHER, NONMETALLIC: 302-0026-000, (05284) | | EA | REF | | | | | | | | | | A8A4A1MP1H7 |
| X1-D | | WASHER, NONMETALLIC: 302-0026-000; (05284) | | EA | REF | | | | | | | | | | A8A4A1MP1H8 |
| X1-D | | COIL, RADIO FREQUENCY: MS16221-1, (96906) | | FA | 2 | | | | | | | | 3-66 | | A8A4A1L120 |
| X1-D | | COIL, RADIO FREQUENCY: MS16221-1; (96906) | | EA | REF | | | | | | | | 3-66 | | A8A4A1L121 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K043; (81349) | | EA | 1 | | | | | | | | 3-66 | | A8A4AL102 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|---|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| X1-D | | COIL, RADIO FREQUENCY: LT10K053, (81349) | | EA | 1 | | | | | | | | | 3-66 | A8A4A1L103 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR20C103KS, (81349) | | EA | 2 | | | | | | | | | 3-66 | A8A4A1R102 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR20CG103KS; (81349) | | EA | REF | | | | | | | | | 3-66 | ABA4A1R103 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR20G273KS, (81349) | | EA | 1 | | | | | | | | | 3-66 | A8A4A1R119 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR32G222KS, (81349) | | EA | 1 | | | | | | | | | 3-66 | A8A4A1R116 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR32G473KS, (81349) | | EA | 1 | | | | | | | | | 3-66 | A8A4AR104 |
| X1-D | | RESISTOR, FIXED, CO4POSITION: RCR32G125KS; (81349) | | EA | 1 | | | | | | | | | 3-66 | A8A4AIR115 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RC42GF101K, (81349) | | EA | 1 | | | | | | | | | 3-66 | A8A4AIR108 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: JAN1N663, (81350) | | EA | 1 | | | | | | | | | 3-66 | AA4A1CR101 |
| X1-D | | SOCKET, ELECTRON TUBE: 122-248-202, (74970) | | EA | 1 | | | | | | | | | | A8A4A1XV101 |
| X1-D | | TERMINAL, LUG: 614B, (57714) | | EA | 1 | | | | | | | | | | A8A4A1E1 |
| P--D | 5905-251-6530 | ATTENUATOR, VARIABLE: 28156, (01121) | | EA | 1 | | | | | | | * | * | | A8A4R11 |
| P--D | 5975-987-8829 | BOOT, DUST AND MOISTURE SEAL: N9033-1-4, (97539) | | EA | 1 | | | | | | | * | * | | A8A4R11R1 |
| P--D | 6250-984-1092 | BASE, LAMPHOLDER: 549-6141-002, (13499) | | EA | 1 | | | | | | | * | * | | A8A4A2 |
| P--D | 5305-616-2568 | SCREW, MACHINE: P34 3-0285-000, (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4A2H2 |
| P--D | | WASHER, LOCK: 1804-00, (78189) | | EA | 2 | | | | | | | * | * | | A8A4A2H2 |
| X1-D | | BUSHING, SLEEVE: 549-6139-002, (13499) | | EA | 2 | | | | | | | | | | A8A4A24PI |
| X1-D | | BUSHING, SLEEVE: 549-6139-002, (13499) | | EA | REF | | | | | | | | | | A8A4A2MP2 |
| X1-D | | PLATE, MOUNTING, LAMPHOLDER: 549-6140-002, (13499) | | EA | 1 | | | | | | | | | | A8A4A24P3 |
| P--D | 3120-709-5460 | BEARING, SLEEVE: 6L2FF; (96881) | | EA | 6 | | | | | | | * | * | | A8A4P1 |
| P--D | 3120-709-5460 | BEARING, SLEEVE: 6L2FF; (96881) | | EA | REF | | | | | | | REF | REF | | A8A4MP2 |
| P--D | 3120-709-5460 | BEARING, SLEEVE: 6L2FF; (96881) | | EA | REF | | | | | | | REF | REF | | A8A4MP3 |
| P--D | 3120-709-5460 | BEARING, SLEEVE: 6L2FF; (96881) | | EA | REF | | | | | | | REF | REF | | A8A4MP4 |
| P--D | 3120-709-5460 | BEARING, SLEEVE: 6L2FF; (96881) | | EA | REF | | | | | | | REF | REF | | A8A4MP5 |
| P--D | 3120-709-5460 | BEARING, SLEEVE: 6L2FF; (96881) | | EA | REF | | | | | | | REF | REF | | AF8A4P6 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P--D | 3120-793-6354 | BEARING, SLEEVE: 8L2FF, (96881) | | EA | 2 | | | | | | | * | * | | A8A4P7 |
| P--D | 3120-793-6354 | BEARING, SLEEVE: 8L2FF, (96881) | | EA | REF | | | | | | | REF | REF | | A8A4MP8 |
| P--D | 6740-618-6314 | BEARING, SLEEVE: 4L4F; (96881) | | EA | 1 | | | | | | | * | * | | A8A4MP9 |
| M--D | | BLOCK, MOUNTING-REAR: 549-6167-002; (13499) | | EA | 2 | | | | | | | | | | A8A4MP10 |
| P--D | 5305-937-2556 | SCREW, MACHINE: P330-2296-000; (77250) | | EA | 2 | | | | | | | * | * | | A8A4MP10H1 |
| P--D | 5305-937-2566 | SCREW, MACHINE: P330-2296-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A4MP10H2 |
| M--D | | BLOCK, MOUNTING-REAR: 549-6167-002; (13499) | | EA | REF | | | | | | | | | | A8A4MP11 |
| P--D | 5305-937-2566 | SCREW, MACHINE: P330-2296-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4MP11H1 |
| P--D | 5305-937-2566 | SCREW, MACHINE: P330-2296-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A4MP11H2 |
| P--D | | BOARD ASSEMBLY, COMPONENT, NO. 1: 549-6391-003; (13499) | | EA | 1 | | | | | | | * | * | 3-67 | A8A4TB1 |
| P--D | 5305-054-5649 | SCREW, MACHINE: MS51957-15, (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4TB1H2 |
| P--D | | WASHER, LOCK, SPRING: MS35338-135, (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4TB1H2 |
| X1-D | | BOARD, TERMINAL, NO. 1-FLARED: 549-6390-003, (13499) | | EA | 1 | | | | | | | | | | A8A4TB1E1 |
| X1-D | | RESISTORS, FIXED, WIRE WOUND: RW69V6R8; (81349) | | EA | 2 | | | | | | | | | | A8A4TB1R1 |
| X1-D | | RESISTOR, FIXED, WIRE WOUND: RW69V6R8; (81349) | | EA | REF | | | | | | | | | | A8A4TB1R2 |
| X1-D | | RESISTOR, FIXED, WIRE WOUND: RW67V471; (81349) | | EA | 2 | | | | | | | | | | A8A4TB1R3 |
| X1-D | | RESISTOR, FIXED, WIRE WOUND: RW67V471; (81349) | | EA | REF | | | | | | | | | | A8A4TB1R4 |
| P--H-T | 5820-984-7544 | BOARD ASSEMBLY, COMPONENT, NO. 6: 549-6395-003; (13499) | | EA | 1 | | | | * | * | * | * | * | 3-67 | A8A4TB6 |
| X1-D | | BOARD, TERMINAL, NO. 6: 549-6394-003; (13499) | | EA | 1 | | | | | | | | | | A8A4TB6E1 |
| X1-D | | SCREW, MACHINE: MS51957-15; (96906) | | EA | 2 | | | | | | | | | | A8A4TB6H2 |
| X1-D | | WASHER, FLAT: 310-6325-000, (79807) | | EA | 2 | | | | | | | | | | A8A4TB6H2 |
| X1-D | | WASHER, LOCK, SPRING: MS35338-135; (96906) | | EA | 2 | | | | | | | | | | A8A4TB6H2 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 610D105M200BD5, (56289) | | EA | 1 | | | | | | | | | | A8A4TB6C1 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RC42GF562K; (81349) | | EA | 1 | | | | | | | | | | A8A4TB6R5 |
| X1-D | | RESISTOR, FIXED, FILM: RN60D6813F; (81349) | | EA | 1 | | | | | | | | | | A8A4TB6R23 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N2611, (07688) | | EA | 2 | | | | | | | | | | A8A4TB6CR1 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N2611, (07688) | | EA | REF | | | | | | | | | | A8A4TB6CR2 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: JAN1N485B, (81350) | | EA | 1 | | | | | | | | | | A8A4TB6CR8 |
| P--D | 5940-984-1791 | BOARD, TERMINAL, NO. 4-PRESSED: 549-6210-003, (13499) | | EA | 1 | | | | | | * | * | 3-67 | | A8A4TB4 |
| P--D | 5305-054-5649 | SCREW, MACHINE: MS51957-15; (96906) | | EA | 2 | | | | | | REF | REF | | | A8A4TB4H1 |
| P--D | 5305-05b-5649 | SCREW, MACHINE: MS51957-15, (96906) | | EA | REF | | | | | | REF | REF | | | A8A4TB4H2 |
| P--D | | WASHER, FLAT: 310-6325-000, (79807) | | EA | 2 | | | | | | REF | REF | | | A8A4TB4H3 |
| P--D | | WASHER, FLAT: 310-6325-000, (79807) | | EA | REF | | | | | | REF | REF | | | A8A4TB4H4 |
| P--D | | WASHER, LOCK, SPRING: MS35338-135, (96906) | | EA | 2 | | | | | | REF | REF | | | A8A4TB4H5 |
| P--D | | WASHER, LOCK, SPRING: MS35338-135, (96906) | | EA | REF | | | | | | REF | REF | | | A8A4TB4H6 |
| M--D | | BRACKET, RELAY-PRESSED: 549-6234-003, (13499) | | EA | 1 | | | | | | | | | | A8A4MP12 |
| P--D | 5310-275-0889 | NUT, PLAIN, HEXAGON: P313-0132-000, (77250) | | EA | 2 | | | | | | REF | REF | | | A8A4MP12H1 |
| P--D | 5310-275-3839 | NUT, PLAIN, HEXAGON: P313-0132-000, (77250) | | EA | REF | | | | | | REF | REF | | | A8A4MP12H2 |
| P--D | 5305-469-5382 | SCREW, MACHINE: P342-0026-000, (77250) | | EA | 3 | | | | | | | | | | A8A4MP12H3 |
| P--D | 5305-469-5382 | SCREW, MACHINE: P342-0026-000, (77250) | | EA | REF | | | | | | REF | REF | | | A8A4MP12H4 |
| P--D | 5305-469-5382 | SCREW, MACHINE: P342-0026-000, (77250) | | EA | REF | | | | | | REF | REF | | | A8A4MP12H5 |
| P--D | 5305-727-0833 | SCREW, MACHINE: MS51959-3, (96906) | | EA | 1 | | | | | | REF | REF | | | A8A4MP12H6 |
| P--D | 5305-054-5648 | SCREW, MACHINE: MS51957-14, (96906) | | EA | 1 | | | | | | REF | REF | | | A8A4MP12H7 |
| P--D | 5310-782-1349 | WASHER, FLAT: 310-0045-000, (79807) | | EA | 2 | | | | | | REF | REF | | | A8A4MP12H8 |
| P--D | 5310-782-1349 | WASHER, FLAT: 310-0045-000, (79807) | | EA | REF | | | | | | REF | REF | | | A8A4MP12H9 |
| P--D | 5310-058-2949 | WASHER, LOCK, SPRING: 310-0278-000, (70318) | | EA | 2 | | | | | | REF | REF | | | A8A4MP12H10 |
| P--D | 5310-058-2949 | WASHER, LOCK, SPRING: 310-0278-000, (70318) | | EA | REF | | | | | | REF | REF | | | A8A4MP12H11 |
| M--D | | BUSHING, SCREW THREAD: 553-9271-003, (13499) | | EA | 1 | | | | | | | | | | A8A4MP13 |
| P--D | | NUT, PLAIN, HEXAGON: P334-4060-00, (77250) | | EA | 1 | | | | | | | | | | ABA4MP13H1 |
| P--D | 5310-209-1522 | WASHER, LOCK 1220-02, (78189) | | EA | 1 | | | | | | | | | | A8A4MP13H2 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P--D | 5310-674-7630 | BUTTON, CABLE: 541-5179-00; (13499) | | EA | 1 | | | | | | | REF | REF | | A8A4MP14 |
| P--D | 5305-763-7822 | SCREW, MACHINE: MS51959-14, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP14H1 |
| P--D | 5821-658-3718 | BUTTON, CABLE: 541-5181-002, (13499) | | EA | 1 | | | | | | | * | * | | A8A41P15 |
| P--D | 5305-770-2579 | SCREW, MACHINE: P330-2292-000, (77250) | | EA | 1 | | | | | | | * | * | | A8A4MP15H1 |
| P--D | | BUTTON, CABLE: 541-5182-002; (13499) | | EA | 2 | | | | | | | * | * | | A8A4MP16 |
| P--D | 5305-770-2579 | SCREW, MACHINE: P330-2292-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP16H1 |
| P--D | | BUTTON, CABLE: 541-5182-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4mP17 |
| P--D | 5305-770-2579 | SCREW, MACHINE: P330-2292-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP17H1 |
| P--D | 5910-668-3647 | CAPACITOR, FIXED, CERAMIC: DA858-003, (71590) | | EA | 1 | | | | | | | * | * | 3-64 | A8A4C123 |
| P--D | 5305-059-8247 | SCREW, MACHINE: P343-0327-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4C123H1 |
| P--D | 5305-059-8248 | SCREW, MACHINE: P343-0238-000, (77250) | | EA | 1 | | | | | | | * | * | | A8A4C123H2 |
| P--D | 5310-939-0903 | WASHER, LOCK: 1806-00, (78189) | | EA | 1 | | | | | | | * | * | | A8A4C123H3 |
| P--D | 5310-184-8978 | WASHER, SPRING TENSION: 310-0078-000, (79807) | | EA | 1 | | | | | | | REF | REF | | A8A4C123H4 |
| P--D | 5910-838-9421 | CAPACITOR, FIXED, CERAMIC: CK60AW102M, (81349) | | EA | 6 | | | | | | | * | * | | A8A4C20 |
| P--D | 5910-838-9421 | CAPACITOR, FIXED CERAMIC: CK60AW102M, (81349) | | EA | REF | | | | | | | REF | REF | | A8A4C21 |
| P--D | 5910-838-9421 | CAPACITOR, FIXED, CERAMIC: CK60AW102M, (81349) | | EA | REF | | | | | | | REF | REF | | A8A4C22 |
| P--D | 5910-838-9h21 | CAPACITOR, FIXED, CERAMIC: CK60AW102M; (81349) | | EA | REF | | | | | | | REF | REF | | A8A4C23 |
| P--D | 5910-838-9421 | CAPACITOR, FIXED, CERAMIC: CK60AW102M; (81349) | | EA | REF | | | | | | | REF | REF | | A8A4C24 |
| P--D | 5910-838-9421 | CAPACITOR, FIXED, CERAMIC: CK60AW102M, (81349) | | EA | REF | | | | | | | REF | REF | | A8A4C25 |
| P--D | | CAPACITOR, FIXED, CERAMIC: CK14BX223M, (81349) | | EA | 1 | | | | | | | * | * | 3-67 | A8A4C2 |
| P--D | 5910-080-1713 | CAPACITOR, FIXED, CERAMIC: DA146, (71590) | | EA | 1 | | | | | | | REF | REF | | A8A4C28 |
| P--D | 5910-966-9460 | CAPACITOR, FIXED, CERAMIC: 243200X5S0102M, (72982) | | EA | 2 | | | | | | | * | * | 3-67 | A8A4C29 |
| P--D | 5310-559-0575 | NUT, PLAI, HEXAGON: P334-0254-00, (77250) | | EA | 1 | | | | | | | * | * | | A8A4C29H1 |
| P--D | 5310-187-0159 | WASHER, LOCK: 1218-02, (78189) | | EA | 1 | | | | | | | * | * | | A8A4C29H2 |
| P--D | 5910-966-9460 | CAPACITOR, FIXED, CERAMIC: 243200X5S0102M; (72982) | | EA | REF | | | | | | | REF | REF | 3-67 | A8A4C30 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P--D | 5310-559-0575 | NUT, PLAIN, HEXAGON: P334-0254-00, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4C30H1 |
| P--D | 5310-187-0159 | WASHER, LOCK: 1218-02, (78189) | | EA | 1 | | | | | | | REF | REF | | A8A4C30H2 |
| P--D | 5910-162-5179 | CAPACITOR, FIXED, ELECTROLYTIC: 610D255F100BD5; (56289) | | EA | 2 | | | | | | | * | * | 3-67 | A8A,4C26 |
| P--D | 5910-162-5179 | CAPACITOR, FIXED, ELCTROLYTIC: 610D255F100BD5, (56289) | | EA | REF | | | | | | | REF | REF | 3-67 | A8A4C27 |
| P--D | 5910-115-3567 | CAPACITOR, FIXED, MICA: CL24BJ180TP3, (81349) | | EA | 1 | | | | | | | * | * | | A8A4C145 |
| P--D | 5910-951-4822 | CAPACITOR, FIXED, MICA: CM60B622J01; (81349) | | EA | 1 | | | | | | | * | * | 3-64 | A8A4C122 |
| P--D | 5305-584-86,24 | SCREW, MACHINE: P330-2253-000, (77250) | | EA | 2 | | | | | | | * | * | | A8A4C122H1 |
| P--D | | SCREW, MACHINE: P330-2253-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A4C122H2 |
| P--D | 5910-889-4562 | CAPACITOR, FIXED, PAPER: P109666, (56289) | | EA | 1 | | | | | | | * | * | 3-64 | A8A4C146 |
| P--D | 5310-208-6841 | NUT, PLAIN, HEXAGON: P334-0249-00, (77250) | | EA | 1 | | | | | | | * | * | | A8A4C146H1 |
| P--D | 5310-178-8631 | WASHER, LOCK: MS35333-75, (96906) | | EA | 1 | | | | | | | * | * | | A8A4C146H2 |
| M--D | | CHART, LOAD AND TUNE: 549-6231-004, (13499) | | EA | 1 | | | | | | | | | | A8A4MP18 |
| P--D | 5305-150-3079 | SCREW, MACHINE: P343-0017-000, (77250) | | EA | 4 | | | | | | | * | * | | A8A4MP18H1 |
| P--D | | SCREW, MACHINE: P343-0017-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4MP18H2 |
| P--D | | SCREW, MACHINE: P343-0017-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A4MP18H3 |
| P--D | | SCREW, MACHINE: P343-0017-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A4MP18H4 |
| M--D | | CHASSIS, ELECTRICAL EQUIPMENT: 549-6115-004, (13499) | | EA | 1 | | | | | | | | | | A8A4MP19 |
| P--D | 5340-720-6320 | CLAMP, LOOP: C3044-1-35, (78553) | | EA | 1 | | | | | | | * | * | | A8A4MP20 |
| P--D | 5975-72(-)5153 | CLAMP, LOOP: MS17821-4-9, (96906) | | EA | 122 | | | | | | | * | * | | A8A4MP21 |
| P--D | 5821-098-5131 | CLAMP, LOOP: 504-7577-002, (13499) | | EA | 2 | | | | | | | REF | REF | | A8A4MP22 |
| P--D | 5310-276-1101, | NUT, PLAIN, SQUARE: P334-0485-00; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP22H1 |
| P--D | 5305-637-4225 | SCREW, CAP, SOCKET HEAD: B2A440-9C1, (08664) | | EA | 1 | | | | | | | * | * | | A8A4MP22H2 |
| P--D | 5310-058-2949 | WAEKHER, LOCK: 310-0278-000, (70318) | | EA | 1 | | | | | | | REF | REF | | A8A4MP22H3 |
| P--D | 5821-098-5131 | CLAMP, LOOP-TUNER: 504-7577-002, (13499) | | EA | REF | | | | | | | REF | REF | | A8A4MP23 |
| P--D | 5310-276-1104 | NUT, PLAIN, SQUARE: P334-0485-00, (77250) | | EA | 1 | | | | | | | REF | RFF | | A8A4MP23H1 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P--D | 5305-637-4225 | SCREW, CAP, SOCKET HEAD: B2A440-901, (0866) | | EA | 1 | | | | | | | REF | REF | | A8A4MP23H2 |
| P--D | 5310-05-2949 | WASHER, LOCK: 310-0278-000, (70318) | | EA | 1 | | | | | | | REF | REF | | A8A4MP23R3 |
| P--D | 5950-703-0907 | COIL, RADIO FREQUENCY: LT4K048; (81349) | | EA | 3 | | | | | | | * | * | 3-67 | A8A4L1 |
| P--D | 5950-703-0907 | COIL, RADIO FREQUENCY: LT4K048, (81349) | | EA | REF | | | | | | | REF | REF | 3-67 | A8A4L2 |
| P--D | 5950-703-0907 | COIL, RADIO FREQUENCY: LT4K048, (81349) | | EA | REF | | | | | | | REF | REF | 3-67 | A8A4L3 |
| P--D | | COIL, RADIO FREQUENCY: MS16221-22, (96906) | | EA | 1 | | | | | | | * | * | 3-64 | A8A4L105 |
| P--D | 5950-988-3060 | COIL, RADIO FREQUENCY: BP906; (99800) | | EA | 1 | | | | | | | * | * | 3-64 | A8A4LI06 |
| P--D | 5950-932-2727 | COIL, RADIO FREQUENCY: LT10K029, (81349) | | EA | 2 | | | | | | | REF | REF | 3-64 | A6A4L122 |
| P--D | 5950-932-2727 | COIL, RADIO FREQUENCY: LT10K029, (81349) | | EA | REF | | | | | | | REF | REF | 3-64 | A8A4L123 |
| P--D | 5950-070-7644 | COIL., RADIO FREQUENCY: LT10K060, (81349) | | EA | 2 | | | | | | | REF | REF | 3-67 | A8A4L5 |
| P--D | 5950-070-7644 | COIL, RADIO FREQUENCY: LT10K060; (81349) | | EA | REF | | | | | | | REF | REF | 3-67 | A8A4L6 |
| P--H-T | 5950-978-6204 | COIL, RADIO FREQUENCY-NO. 1: 549-6212-003, (13499) | | EA | 1 | | | | * | * | * | * | * | 3-64 | A8A4L111 |
| P--D | 5305-765-4244 | SCREW, MACHINE: MS51959-41, (96906) | | EA | 1 | | | | | | | * | * | | A8A4L111H1 |
| P--D | 5310-889-2614 | WASHER, RECESSED: 549-6145-002, (13499) | | EA | 1 | | | | | | | * | * | | A8A4L111H2 |
| X1-D | | CONTACT, ELECTRICAL-COIL: 549-6153-002, (13499) | | EA | 2 | | | | | | | | | | A8A4L111E1 |
| X1-D | | CONTACT, ELECTRICAL-COIL: 549-6153-002, (13499) | | EA | REF | | | | | | | | | | A8A4L111E2 |
| X1-D | | FORM, COIL: 190-0255-000, (13499) | | EA | 1 | | | | | | | | | | A8A4L111E3 |
| X1-D | | GEAR ASSEMBLY, SPUR-NO. 1: 549-6172-002, (13499) | | EA | 1 | | | | | | | | | | A8A4L111MP1 |
| X1-D | | GEAR, SPUR-NO. 1A: 549-6158-002, (13499) | | EA | 1 | | | | | | | | | | A8A4L111MP2 |
| X1-D | | PIN, SPRING: MS16562-190, (96906) | | EA | 1 | | | | | | | | | | A8A4L111MP3 |
| X1-D | | STOP, DIAL-NO. 1: 549-6162-002, (13499) | | EA | 1 | | | | | | | | | | A8A4L111MP4 |
| X1-D | | SCREW, MACHINE: MS51959-12, (96906) | | EA | 1 | | | | | | | | | | A8A4L111MP4H1 |
| X1-D | | INSULATOR, WASHER: 549-6154-002, (13499) | | EA | 2 | | | | | | | | | | A8A4L111E4 |
| X1-D | | INSULATOR, WASHER: 549-6154-002; (13499) | | EA | REF | | | | | | | | | | A8A4L111E5 |
| X1-D | | LEAD, ELECTRICAL-COIL: 549-6163-002, (13499) | | EA | 2 | | | | | | | | | | ABA4L111E6 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | LEAD, ELECTRICAL-COIL: 549-6163-002; (13499) | | EA | REF | | | | | | | | | | A8A4L111E7 |
| X1-D | | PIN, SPRING, SELF-LOCKING: 99-012-062-0500; (72 962) | | EA | 1 | | | | | | | | | | A8A4L111MP5 |
| X1-D | | SHAFT, STRAIGHT-COIL, SHORT: 549-6159-002; (13499) | | EA | 1 | | | | | | | | | | A8A4L111MP6 |
| X1-D | | SLEEVE, POWDERED IRON: X8242, (92054) | | EA | 1 | | | | | | | | | | A8A4L111E8 |
| X1-D | | WIRE, ELECTRICAL MAGNET: CR14H2277; (99155) | | FT | 17 | | | | | | | | | | A8A4L111W1 |
| P--H-T | 5950-978-6205 | COIL, RADIO FREQUENCY-NO. 2: 549-6213-003; (13499) | | EA | 1 | | | | | | * | * | 3-64 | | A8A4L110 |
| X1-D | | SCREW, MACHINE: MS51959-41, (96906) | | EA | 1 | | | | | | | | | | A8A4L110H1 |
| X1-D | | WASHER, RECESSED: 549-6145-002, (13499) | | EA | 1 | | | | | | | | | | A8A4L110H2 |
| X1-D | | CONTACT, ELECTRICAL-COIL: 549-6153-002; (13499) | | EA | 2 | | | | | | | | | | A8A4L110E1 |
| X1-D | | CONTACT, ELECTRICAL-COIL: 549-6153-002, (13499) | | EA | REF | | | | | | | | | | A8A4L110E2 |
| X1-D | | FORM, COIL: 190-0255-000, (13499) | | EA | 1 | | | | | | | | | | A8A4L110E3 |
| X1-D | | GEAR, SPUR-NO. 2A: 549-6176-002, (13499) | | EA | 1 | | | | | | | | | | A8A4L110MP1 |
| X1-D | | INSULATOR, WASHER: 549-6154-002, (13499) | | EA | 2 | | | | | | | | | | A8A4L110E4 |
| X1-D | | INSULATOR, WASHER: 549-6154-002, (13499) | | EA | REF | | | | | | | | | | A8A4L110E5 |
| X1-D | | LEAD, ELECTRICAL: 549-6163-002; (13499) | | EA | 2 | | | | | | | | | | A8A4L110E6 |
| X1-D | | LEAD, ELECTRICAL: 549-6163-002; (13499) | | EA | REF | | | | | | | | | | A8A4L110E7 |
| X1-D | | PIN, SPRING, SELF-LOCKING: 99-012-062-0500, (72962) | | EA | 1 | | | | | | | | | | A8A4L110MP2 |
| X1-D | | SHAFT, STRAIGHT-COIL, SHORT: 549-6159-002; (13499) | | EA | 1 | | | | | | | | | | A8A4L110MP3 |
| X1-D | | WIRE, ELECTRICAL: CR14M2277, (99155) | | FT | 17 | | | | | | | | | | A8A4L1110W1 |
| P--H-T | 5950-988-3058 | COIL, RADIO FREQUENCY-NO. 3: 549-6214-003; (13499) | | EA | 1 | | | | | | * | * | 3-65 | | A8A4L112 |
| X1-D | | CONTACT, ELECTRICAL-COIL: 549-6153-002; (13499) | | EA | 2 | | | | | | | | | | A8A4L112E1 |
| X1-D | | CONTACT, ELECTRICAL-COIL: 549-6153-002, (13499) | | EA | REF | | | | | | | | | | A8A4L112E2 |
| X1-D | | FORM, COIL: 190-0255-000; (13499) | | EA | 1 | | | | | | | | | | A8A4L112E3 |
| X1-D | | GEAR, SPUR, 47 TEETH: 549-6175-002, (13499) | | EA | 1 | | | | | | | | | | A8A4L112YP1 |
| X1-D | | INSERT, SHAFT-COIL: 549-6178-002, (13499) | | EA | 1 | | | | | | | | | | A8A4L112IP2 |
| X1-D | | INSULATOR, WASHER: 549-6154-002, (13499) | | EA | 2 | | | | | | | | | | A8A4L112E4 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | INSULATOR, WASHER: 549-6154-002, (13499) | | EA | REF | | | | | | | | | | A8A4112E5 |
| X1-D | | LEAD, ELECTRICAL: 549-6163-002, (13499) | | EA | 2 | | | | | | | | | | A8A4L112E6 |
| X1-D | | LEAD, ELECTRICAL 519-6163-002; (13499) | | EA | REF | | | | | | | | | | A8A4L112E7 |
| X1-D | | PIN, SPRING: 99-012-062-0500; (72962) | | EA | 1 | | | | | | | | | | A8A4L112MP3 |
| X1-D | | PIN, SPRING, SELF-LOCKING: 99-012-062-0312, (72962) | | EA | 1 | | | | | | | | | | A8A4L112MP4 |
| X1-D | | SHAFT, STRAIGHT-COIL, LONG: 549-6160-002, (13499) | | EA | 1 | | | | | | | | | | A8A4L112MP5 |
| X1-D | | WIRE, ELECTRICAL: CR14M2277, (99155) | | FT | 17 | | | | | | | | | | A8A4L112W1 |
| P--H-T | 5950-988-3059 | COIL, RADIO FREQUENCY-TUNING: 549-6215-003, (1399) | | EA | 1 | | | | * | * | | | 3-65 | | A8A4L109 |
| X1-D | | CONTACT, ELECTRICAL: 549-6153-002; (13499) | | EA | 2 | | | | | | | | | | A8A4L109E1 |
| X1-D | | CONTACT, ELECTRICAL: 549-6153-002, (13499) | | EA | REF | | | | | | | | | | A8A4L109E2 |
| X1-D | | FORM, COIL: 190-0255-000; (13499) | | EA | 1 | | | | | | | | | | A8A4L109E3 |
| X1-D | | GEAR ASSEMBLY, SPUR-NO. 2: 549-6171-002, (13499) | | EA | 1 | | | | | | | | | | A8A4L109A1 |
| X1-D | | GEAR, SPUR-NO. 1, 47 TEETH: 5149-6157-002; (13499) | | EA | 1 | | | | | | | | | | A8A4L109A1MP1 |
| X1-D | | PIN, SPRING, TUBULAR SLOTTED: MS16562-190, (96906) | | EA | 1 | | | | | | | | | | A8A4L109A1MP2 |
| X1-D | | STOP, DIAL-NO. 1: 549-6162-002; (13499) | | EA | 1 | | | | | | | | | | A8A4L109A1MP3 |
| X1-D | | SCREW, MACHINE: A8A4L109A1MP3H1 MS51959-12, (96906) | | EA | 1 | | | | | | | | | | |
| X1-D | | INSERT, SHAFT-COIL: 549-6178-002, (13499) | | EA | 1 | | | | | | | | | | A8A4L109MP4 |
| X1-D | | INSULATOR, WASHER: 549-6154-002, (13499) | | EA | 2 | | | | | | | | | | A8A4L109E4 |
| X1-D | | INSULATOR, WASHER: 549-6154-002, (13499) | | EA | REF | | | | | | | | | | A8A4L109E5 |
| X1-D | | LEAD, ELECTRICAL: 549-6163-002; (13199) | | EA | 2 | | | | | | | | | | A8A4L109E6 |
| X1-D | | LEAD, ELECTRICAL: 549-6163-002, (13199) | | EA | REF | | | | | | | | | | A8A4L109E7 |
| X1-D | | PIN, SPRING, SELF-LOCKING: 99-012-062-0312; (7296) | | EA | 1 | | | | | | | | | | A8A4L109MP5 |
| X1-D | | PIN, SPRING, SELF-LOCKING: 99-012-062-0500, (72962) | | EA | 1 | | | | | | | | | | A8A4L109MP6 |
| X1-D | | SHAFT, STRAIGHT-COIL, LONG: 549-6160-002, (13499) | | EA | 1 | | | | | | | | | | A8A4L109MP7 |
| X1-D | | SLEEVE, POWDERED IRON: X8142, (92054) | | EA | 1 | | | | | | | | | | A8A4L109E8 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|-------------|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION | |
| X1-D | | SPACER, PLATE-COIL: 549-6152-002, (13499) | | EA | 1 | | | | | | | | | | | A8A4L109MP8 |
| X1-D | | WIRE, ELECTRICAL: CR14M2277, (99155) | | FT | 17 | | | | | | | | | | | A8A4L109W1 |
| P--D | 5950-798-2558 | COIL, RADIO FREQUENCY: 553-6325-002, (13499) | | EA | 1 | | | | | | | * | * | 3-67 | | A8A4L4 |
| M--D | | COLLAR, SHAFT: 549-6137-002, (13499) | | EA | 1 | | | | | | | | | | | A8A4MP24 |
| P--D | 5305-531-0137 | SETSCREW: 335-0020-000; (08664) | | EA | 2 | | | | | | | * | * | | | A8A4MP24H1 |
| P--D | 5305-531-0137 | SETSCREW: 335-0020-000, (08664) | | EA | REF | | | | | | | REF | REF | | | A8A4MP24H2 |
| P--D | 5935-549-2646 | CONNECTOR, RECEPTACLE: 164-7J, (02660) | | EA | 2 | | | | | | | * | * | | | A8A4P2 |
| P--D | 5935-549-2646 | CONNECTOR, RECEPTACLE: 164-7J, (02660) | | EA | REF | | | | | | | REF | REF | | | A8A4P3 |
| P--D | 5935-931-6246 | CONNECTOR, RECEPTACLE, ELECTRICAL: DAMF3W3S, (71785) | | EA | 1 | | | | | | | * | * | 3-67 | | A8A4J10 |
| P--D | 5310-622-1721, | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | 2 | | | | | | | REF | REF | | | A8A4J10H1 |
| P--D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | REF | | | | | | | REF | REF | | | A8A4J10H2 |
| P--D | | SCREW, MACHINE: P330-2287-000, (77250) | | EA | 2 | | | | | | | * | * | | | A3A4J10H3 |
| P--D | | SCREW, MACHINE: P330-2287-000, (77250) | | EA | REF | | | | | | | REF | REF | | | A8A4J10H4 |
| M--D | 5340-792-1266 | SPACER, CHASSIS CONNECTOR-SHORT: 549-6074-002, (13499) | | EA | 2 | | | | | | | | | | | A8A4J10H5 |
| M--D | 5340-792-1266 | SPACER, CHASSIS CONNECTOR-SHORT: 549-6074-002, (13499) | | EA | REF | | | | | | | | | | | A8A4J10H6 |
| P--D | 5935-974-6873 | CONNECTOR, RECEPTACLE, ELECTRICAL: DAMF7W2S, (71785) | | EA | 6 | | | | | | | * | * | 3-67 | | A8A4J3 |
| P--D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26; (72962) | | EA | 2 | | | | | | | REF | REF | | | A8A4J3H1 |
| P--D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | REF | | | | | | | REF | REF | | | A8A4J3H2 |
| P--D | | SCREW, MACHINE: P330-2287-000, (77250) | | EA | 2 | | | | | | | REF | REF | | | A8A4J3H3 |
| P--D | | SCREW, MACHINE: P330-2287-000, (77250) | | EA | REF | | | | | | | REF | REF | | | A8A4J3H4 |
| M--D | | SPACER, CHASSIS CONNECTOR-LONG: 548-7975-002, (13499) | | EA | 2 | | | | | | | | | | | A8A4J3H5 |
| M--D | | SPACER, CHASSIS CONNECTOR-LONG: 548-7975-002, (13499) | | EA | REF | | | | | | | | | | | A8A4J3H6 |
| P--D | | CONNECTOR, RECEPTACLE, ELECTRICAL: DAMF7W2S, (71785) | | EA | REF | | | | | | | REF | REF | | | A8A4J6 |
| P--D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | 2 | | | | | | | REF | REF | | | A8A4J6H1 |
| P--D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26; (72962) | | EA | REF | | | | | | | REF | REF | | | A8A4J6H2 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5305-650-7023 | SCREW, MACHINE: P330-2287-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4J6H3 |
| P-D | 5305-850-7023 | SCREW, MACHINE: P330-2287-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4J6H4 |
| M-D | 5340-792-1266 | SPACER, CHASSIS CONNECTOR-SHORT: 549-6074-002, (13499) | | EA | 2 | | | | | | | | | | A8A4J6H5 |
| M-D | 5340-792-1266 | SPACER, CHASSIS CONNECTOR-SHORT: 549-6074-002, (13499) | | EA | REF | | | | | | | | | | ASA4J6H6 |
| P-D | | CONNECTOR, RECEPTACLE, ELECTRICAL: DAMF7W2S, (71785) | | EA | REF | | | | | | | REF | REF | | A8A4J5 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | 1 | | | | | | | REF | REF | | ABA4J5HI |
| P-D | 5305-850-7023 | SCREW, MACHINE: P330-2287-000, (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4JSE2 |
| P-D | 5305-850-7023 | SCREW, MACHINE: P330-2287-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A4J5H3 |
| M-D | 5340-792-1266 | SPACER, CHASSIS CONNECTOR-SHORT: 549-6074-002; (13499) | | EA | 2 | | | | | | | | | | A8A4J5H4 |
| M-D | 5340-792-1266 | SPACER, CHASSIS CONNECTOR-SHORT: 549-6074-002; (13499) | | EA | REF | | | | | | | | | | A8A4J5H5 |
| P-D | 5310-928-2690 | WASHER, LOCK, SPRING: MS35338-134, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4J5B6 |
| P-D | | CONNECTOR, RECEPTACLE, ELECTRICAL: DAMF7W2S, (71785) | | EA | REF | | | | | | | REF | REF | 3-67 | AsA4J7 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | 1 | | | | | | | REF | REF | | A8A4J7H1 |
| P-D | 5305-850-7023 | SCREW, MACHINE: P330-2287-000, (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4J7H2 |
| P-D | 5305-850-7023 | SCREW, MACHINE: P330-2287-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A4J7H3 |
| M-D | 5340-792-1266 | SPACER, CHASSIS CONNECTOR-SHORT: 549-6074-002; (13499) | | EA | 2 | | | | | | | | | | A8A4J7H4 |
| M-D | 5340-792-1266 | SPACER, CHASSIS CONNECTOR-SHORT: 549-6074-002; (13499) | | EA | REF | | | | | | | | | | A8A4J7H5 |
| P-D | 5310-928-2690 | WASHER, LOCK, SPRING: MS35338-134, (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4J7H6 |
| P-D | | CONNECTOR, RECEPTACLE, ELECTRICAL: DAMF7W2S, (71785) | | EA | REF | | | | | | | REF | REF | 3-67 | A8A4J8 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26; (72962) | | EA | 2 | | | | | | | REF | REF | | A8A4J8H1 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | REF | | | | | | | REF | REF | | A8A4J8H2 |
| P-D | 5305-850-7023 | SCREW, MACHINE: P330-2287-000, (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4J8H3 |
| P-D | 5305-850-7023 | SCREW, MACHINE: P330-2287-000, (77253) | | EA | REF | | | | | | | REF | REF | | A8A4J8Hh |
| M-D | 5340-792-1266 | SPACER, CHASSIS CONNECTOR - SHORT: 549-6074-002; (13499) | | EA | 2 | | | | | | | | | | A8A4J8H5 |
| M-D | 5340-792-1266 | SPACER, CHASSIS CONNECTOR - SHORT: 549-6074-002, (13499) | | EA | REF | | | | | | | | | | A8A4J8H6 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|--|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|---|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | | CONNECTOR, RECEPTACLE, ELECTRICAL DAMF7W2S, (71785) | | EA | REF | | | | | | | REF | REF | 3-67 | A8A4J11 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXACGON 68-1660-26, (72962) | | EA | 2 | | | | | | | REF | REF | | A8A4J11H1 |
| P-D | 5310-622-1724 | N1T, SELF-LOCKING, HEXAON 68-1660-26, (72962) | | EA | REF | | | | | | | REF | REF | | A8A4J11H2 |
| P-D | 5305-850-7023 | SCREW, MACHINE P330-2287-000, (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4J11H3 |
| P-D | 5305-850-7023 | SCREW, MACHINE P330-2287-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A4J11H4 |
| M-D | 5340-792-1266 | SPACER, CHASSIS CONNECTOR-SHORT 549-6074-002; (13499) | | EA | 2 | | | | | | | | | | A8A4J11H5 |
| M-D | 5340-792-1266 | SPACER, CHASSIS CONNECTOR-SHORT: 549-6074-002; (13499) | | EA | REF | | | | | | | | | | A8A4J11H6 |
| P-D | 5935-081-2270 | CONNECTOR, RECEPTACLE, ELECTRICAL DBIF13W3S, (71468) | | EA | 2 | | | | | | | * | * | 3-67 | A8A1J4 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON 68-1660-26, (72962) | | EA | 2 | | | | | | | | REF | REF | A8A4J4H1 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON 68-1660-26, (72962) | | EA | REF | | | | | | | | REF | REF | A8A4J4H2 |
| P-D | 5305-850-7023 | SCREW, MACHINE P330-2287-000, (77250) | | EA | 2 | | | | | | | | REF | REF | A8A4J4H3 |
| P-D | 5305-850-7023 | SCREW, MACHINE P330-2287-000, (77250) | | EA | REF | | | | | | | | REF | REF | A8A4J4H4 |
| M-D | SPACER, CHASSIS CONNECTOR-LONG 548-7975-002, (13499) | | | EA | 2 | | | | | | | | | | ASA4J4H5 |
| M-D | SPACER, CHASSIS CONNECTOR-LONG. 518-7975-002, (13499) | | | EA | REF | | | | | | | | | | A8A4J4H6 |
| P-D | 5935-081-2270 | CONNECTOR, RECEPTACLE ELECTRICAL DBMF13W3S, (71468) | | EA | REF | | | | | | | REF | REF | 3-67 | A8A4J9 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON- 68-1660-26, (72962) | | EA | 2 | | | | | | | | REF | REF | A8A4J9H1 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON 68-1660-26, (72962) | | EA | REF | | | | | | | | REF | REF | A8A4J9H2 |
| P-D | | SCREW, MACHINE. P330-2288-000, (77250) | | EA | 2 | | | | | | | | * | * | A8A4J9H3 |
| P-D | | SCREW, MACHINE P330-2288-000, (77250) | | EA | REF | | | | | | | | REF | REF | A8A4J9H4 |
| M-D | | SPACER, CHASSIS CONNECTOR-LONG 548-7975-002, (13499) | | EA | 2 | | | | | | | | | | A8A4J9H5 |
| M-D | | SPACER, CHASSIS CONNECTOR-T.ONG 548-7975-002, (13499) | | EA | REF | | | | | | | | | | A8A4J9H6 |
| P-D | 5935-951-7196 | CONNECTOR, RECEPTACLE, ELECTRICAL DCMF27W2S, (71468) | | EA | 1 | | | | | | | * | * | 3-67 | A8A4J |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON 68-1660-26, (72962) | | EA | 2 | | | | | | | | REF | REF | A8A4J1H1 |
| P-D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON. 68-1660-26; (72962) | | EA | REF | | | | | | | | REF | REF | A8A4J1H2 |
| P-D | 5305-850-7023 | SCREW, MACHINE. P330-2287-000, (77250) | | EA | 2 | | | | | | | | REF | REF | A8A4J1H3 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|---|---|----------------------|---|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCT | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) | (b) |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | FIG NO. | ITEM NO. OR REFERENCE DESIGNATION |
| P--D | 5305-850-7023 | SCREW, MACHINE: P330-2287-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4J1H4 |
| M--D | | SPACER, CHASSIS CONNECTOR-SHORT 549-6074-002, (13499) | | EA | 2 | | | | | | | | | | A8A4J1H5 |
| M--D | | SPACER, CHASSIS CONNECTOR-SHORT: 549-6074-002, (13499) | | EA | REF | | | | | | | | | | A8A4J1H6 |
| P--D | 5935-883-0218 | CONNECTOR, RECEPTACLE, ELECTRICAL: DBMF23S, (71468) | | EA | 1 | | | | | | | * | * | 3-67 | A8A4J2 |
| P--D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26; (72962) | | EA | 2 | | | | | | | REF | REF | | A8A4J2H1 |
| P--D | 5310-622-1724 | NUT, SELF-LOCKING, HEXAGON: 68-1660-26, (72962) | | EA | REF | | | | | | | REF | REF | | A8A4J2H2 |
| P--D | 5305-850-7023 | SCREW, MACHINE: P330-2287-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4J2H3 |
| P--D | 5305-850-7023 | SCREW, MACHINE: P330-2287-000, (77250) | | EA | REF | | | | | | | REF | REF | | A8A4J2H4 |
| M--D | | SPACER, CHASSIS CONNECTOR-LONG: 548-7975-002, (13499) | | EA | 2 | | | | | | | | | | A8A4J2H5 |
| M--D | | SPACER, CHASSIS CONNECTOR-LONG: 548-7975-002, (13499) | | EA | REF | | | | | | | | | | A8A4J2H6 |
| P--D | 5935-807-8202 | CONNECTOR, RECEPTACLE, ELECTRICAL: PT07C18-11P, (77820) | | EA | 1 | | | | | | | * | * | | A8A4P1 |
| P--D | 5820-984-1799 | CONTACT ASSEMBLY, ELECTRICAL: 549-6174-002, (13499) | | EA | 1 | | | | | | | * | * | | A8A4E131 |
| P--D | | SCREW, MACHINE: P330-2296-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E13111 |
| P--D | 5935-773-8947 | CONTACT, ELECTRICAL: 548-7911-002, (13499) | | EA | 2 | | | | | | | 13 | 6 | | A8A4E20 |
| P--D | 5935-773-8947 | CONTACT, ELECTRICAL: 548-7911-002, (13499) | | EA | REF | | | | | | | REF | REF | | A8A4E21 |
| P--D | 5820-951-4081 | CONTACT, ELECTRICAL: 549-6142-002, (13499) | | EA | 2 | | | | | | | * | * | | A8A4E22 |
| P--D | 5820-951-4081 | CONTACT, ELECTRICAL: 549-6142-002, (13499) | | EA | REF | | | | | | | REF | REF | | A8A4E23 |
| P--D | 5820-088-4916 | CONTACT, ELECTRICAL: 549-6173-002, (13499) | | EA | 1 | | | | | | | 8 | 3 | | A8A4E24 |
| P--D | | SCREW, MACHINE: P330-2296-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E24H1 |
| P--D | 5820-979-0033 | CONTACT, ELECTRICAL: 549-6177-002, (13499) | | EA | 4 | | | | | | | * | * | | A8A4E25 |
| P--D | 5820-979-0033 | CONTACT, ELECTRICAL: 549-6177-002, (13499) | | EA | REF | | | | | | | REF | REF | | A8A4E26 |
| P--D | 5820-979-0033 | CONTACT, ELECTRICAL: 549-6177-002, (1399) | | EA | REF | | | | | | | REF | REF | | A8A4E27 |
| P--D | 5820-979-0033 | CONTACT, ELECTRICAL: 549-6177-002, (13499) | | EA | REF | | | | | | | REF | REF | | A8A4E28 |
| P--D | 5935-733-6655 | CONTACT, ELECTRICAL COAXIAL INSERT: DM53743-5058, (71468) | | EA | 20 | | | | | | | * | * | | A8A43A2 |
| P--D | 5935-733-6655 | CONTACT, ELECTRICAL COAXIAL INSERT: DM53743-5058, (71460) | | EA | REF | | | | | | | REF | REF | | A8A4JhA1 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (CONTINUED) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P--D | 5935-733-6655 | CONTACT,ELECTRICAL,COAXIAL INSERT DM53743-5058, (71468) | | EA | REF | | | | | | | REF | REF | A8A4J4A2 | |
| P--D | 5935-733-6655 | CONTACT,ELECTRICAL,COAXIAL INSERT DM53743-5058; (71468) | | EA | REF | | | | | | | REF | REF | A8A4J4A3 | |
| P--D | 5935-733-6655 | CONTACT,ELECTRICAL,COAXIAL INSERT DM53743-5058, (71468) | | EA | REF | | | | | | | REF | REF | A8A4J5A1 | |
| P--D | 5935-733-6655 | CONTACT,ELECTRICAL,COAXIAL INSERT DM5374-3-5058, (71468) | | EA | REF | | | | | | | REF | REF | A8A4J5A2 | |
| P--D | 5935-733-6655 | CONTACT,ELECTRICAL,COAXIAL INSERT DM53743-5058, (71468) | | EA | REF | | | | | | | REF | REF | A8A4J6A | |
| P--D | 5935-733-6655 | CONTACT,ELECTRICAL,COAXIAL INSERT DM53743-5058, (71468) | | EA | REF | | | | | | | REF | REF | A8A4J7A1 | |
| P--D | 5935-733-6655 | CONTACT, ELECTRICAL, COAXIAL ISERT DM53743-5058, (71468) | | EA | REF | | | | | | | REF | REF | A8A4J7A2 | |
| P--D | 5935-733-6655 | CONTACT,ELECTRICAL,COAXIAL INSERT DM53743-5058, (71468) | | EA | REF | | | | | | | REF | REF | A8A4J8A1 | |
| P--D | 5935-733-6655 | CONTACT,ELECTRICAL,COAXIAL INSERT DM53743-5058, (71468) | | EA | REF | | | | | | | REF | REF | A8A4J8A2 | |
| P--D | 5935-733-6655 | CONTACT,ELECTRICAL,COAXIAL INSERT DM53743-5058, (71468) | | EA | REF | | | | | | | REF | REF | A8A4J9A1 | |
| P--D | 5935-733-6655 | CONTACT,ELECTRICAL,COAXIAL INSERT DM53743-5058, (71468) | | EA | REF | | | | | | | REF | REF | A8A4J9A2 | |
| P--D | 5935-733-6655 | CONTACT,ELECTRICAL,COAXIAL INSERT DM53743-5058, (71468) | | EA | REF | | | | | | | REF | REF | A8A4J9A3 | |
| P--D | 5935-733-6655 | CONTACT,ELECTRICAL,COAXIAL INSERT DM53743-5058, (71468) | | EA | REF | | | | | | | REF | REF | A8A4J10A1 | |
| P--D | 5935-733-6655 | CONTACT,ELECTRICAL,COAXIAL INSERT DM53743-5058, (71468) | | EA | REF | | | | | | | REF | REF | A8A4J10A2 | |
| P--D | 5935-733-6655 | CONTACT,ELECTRICAL,COAXIAL INSERT DM53743-5058, (71468) | | EA | REF | | | | | | | REF | REF | A8A4J10A3 | |
| P--D | 5935-733-6655 | CONTACT,ELECTRICAL,COAXIAL INSERT DM53743-5058, (71468) | | EA | REF | | | | | | | REF | REF | A8A4J11A2 | |
| P--D | 5820-088-4916 | CONTACT, ELECTRICAL, ROD: 549-6164-002, (13499) | | EA | 4 | | | | | | | * | * | A8A4E29 | |
| P--D | | SCREW, MACHINE: P320-0007-000, (77250) | | EA | 2 | | | | | | | * | * | A8A4E29H1 | |
| P--D | | SCREW, MACHINE: P320-0007-000, (77250) | | EA | REF | | | | | | | REF | REF | A8A4E29H2 | |
| P--D | 5310-925-7991 | WASHER, LOCK: 310-0274-000, (13499) | | EA | 2 | | | | | | | * | * | A8A4E29H3 | |
| P--D | 5310-925-T991 | WASHER, LOCK: 310-0274-000, (13499) | | EA | REF | | | | | | | REF | REF | A8A4E29H4 | |
| P--D | 5820-088-4916 | CONTACT, ELECTRICAL, ROD: 549-6164-002, (13499) | | EA | REF | | | | | | | REF | REF | A8A4E30 | |
| P--D | | SCREW, MA.CHINE: P320-0007-000, (77250) | | EA | 2 | | | | | | | REF | REF | A8ALE300H | |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P-D | 5305-680-5561 | SCREW, MACHINE: P320-0007-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4E30H2 |
| P-D | 5310-925-7991 | WASHER, LOCK: 310-0274-000; (13499) | | EA | 2 | | | | | | | REF | REF | | A8A4E30H3 |
| P-D | 5310-925-7991 | WASHER, LOCK: 310-0274-000; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4E30H4 |
| P-D | 5820-088-4916 | CONTACT, ELECTRICAL, ROD: 549-6164-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4E31 |
| P-D | 5305-680-5561 | SCREW, MACHINE: P320-0007-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4E31H1 |
| P-D | 5305-680-5561 | SCREW, MACHINE: P320-0007-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4E31H2 |
| P-D | 5310-925-7991 | WASHER, LOCK: 310-0274-000; (13499) | | EA | 2 | | | | | | | REF | REF | | A8A4R31H3 |
| P-D | 5310-925-7991 | WASHER, LOCK: 310-0274-000; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4E31H4 |
| P-D | 5820-088-4916 | CONTACT, ELECTRICAL, ROD: 549-6164-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4E32 |
| P-D | 5305-680-556 1 | SCREW, MACHINE: P320-007-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4E32H1 |
| P-D | 5305-630-5561 | SCREW, MACHINE: P320-0007-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4E32H2 |
| P-D | 5310-925-7991 | WASHER, LOCK: 310 -0274-000; (13499) | | EA | 2 | | | | | | | REF | REF | | A8A4E32H3 |
| P-D | 5310-925-7991 | WASHER, LOCK: 310-0274-000; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4E32H4 |
| P-D | 5950-809-9357 | COUPLER, METER ASSEMBLY: 772-8458-001; (13499) | | EA | 1 | | | | | | | * | * | 3-64 | A8A4T101 |
| P-D | 5305-054-5648 | SCREW, MACHINE: MS51957-14; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4T101H1 |
| P-D | 5305-054-5648 | SCREW, MACHINE: MS5L957-14; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4T101H2 |
| P-D | 5310-782-1349 | WASHER, FLAT: 31-0045-000; (79807) | | EA | 2 | | | | | | | REF | REF | | A8A4T101H3 |
| P-D | 5310-782-1349 | WASHER, FLAT: 310-0045-000; (79807) | | EA | REF | | | | | | | REF | REF | | A8A4T101H4 |
| M-D | | COVER, CHASSIS BOTTOM: 756-8606-003; (13499) | | EA | 1 | | | | | | | | | | A8A4MP25 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | 11 | | | | | | | REF | REF | | A8A4MP25H1 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4MP25H2 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4MP25H3 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4MP25H4 |
| P-D | 5315-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4MP25H5 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS5195 -13; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4MP25H6 |

SECTION II

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (9690 6) | | EA | REF | | | | | | | REF | REF | A8A4MP25H7 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP25H8 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP25H9 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP25H10 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP25H11 | |
| M-D | | COVER, CHASSIS TOP: 549-6109-003; (13499) | | EA | 1 | | | | | | | | | A8A4MP26 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | 11 | | | | | | | REF | REF | A8A4MP26H1 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP26H2 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP26H3 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP26H4 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP26H5 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP26H6 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP26H7 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP26H8 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP26H9 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A4HP26H10 | |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP26H11 | |
| M-D | | COVER, HEATSINK: 549-6155-002; (13499) | | EA | 1 | | | | | | | | | A8A4MP27 | |
| P-D | 5305-764-0068 | SCREW, MACHINE: MS35200-A2; (96906) | | EA | 4 | | | | | | | * | * | A8A4MP27H1 | |
| P-D | 5305-764-0068 | SCREW, MACHINE: MS35200-42; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP27H2 | |
| P-D | 5305-764-0068 | SCREW, MACHINE: MS35200-42; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP27H3 | |
| P-D | 5305-764-0068 | SCREW, MACHINE: MS35200-h2; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP27H4 | |
| M-D | | DIAL, VERNIER-MODIFIED: 756-7565-002; (13499) | | EA | 2 | | | | | | | | | A8A4A3 | |
| M-D | 5355-949-9341 | DIAL, SCALE: SR166; (73138) | | EA | 1 | | | | | | | | | A8A4A3MP1 | |
| P-D | | SETSCREW: 328-0014-000; (08664) | | EA | 2 | | | | | | | * | * | A8A4A3MPH1 | |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| M-D | | DIAL, VERNIER-MODIFIED: 756-7565-002; (13499) | | EA | REF | | | | | | | | | | A8A4A4 |
| M-D | | DIAL, SCALE: SR166; (73138) | | EA | REF | | | | | | | | | | A8A4A4MP1 |
| P-D | 5305-206-9458 | SETSCREW: 328-0014-000; (08664) | | EA | REF | | | | | | REF | REF | | | A8A4A4M1H1 |
| P-H-T | 5915-904-7529 | FILTER, RADIO INTERFERENCE: 553-6330-004; (13499) | | EA | 1 | | | | * | * | * | * | * | 3-67 | A8A4FL2 |
| P-D | | NUT, PLAIN, HEXAGON: P313-0132-000; (77250) | | EA | 2 | | | | | | REF | REF | | | A8A4FL2H2 |
| P-D | 5305-763-7822 | SCREW, MACHINE: P330-2291-000; (77250) | | EA | 2 | | | | | | * | * | | | A8A4FL2H2 |
| P-D | 5310-782-1349 | WASHER, FLAT: 310-0045-000; (79807) | | EA | 4 | | | | | | REF | REF | | | A8A4FL2H4 |
| P-D | 5330-058-2949 | WASHER, LOCK: 310-0278-000; (70318) | | EA | 2 | | | | | | REF | REF | | | A8A4FL2H2 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 41092; (01939) | | EA | 3 | | | | | | | | | | A8A4FL2C231 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 41092; (01939) | | EA | REF | | | | | | | | | | A8A4FL2C232 |
| X1-D | | CAPACITOR, FIXED, CERA11C: 41092; (01939) | | EA | REF | | | | | | | | | | A8A4FL2C233 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | 26 | | | | | | | | | | A8A4FL2C201 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C202 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C203 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C204 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C205 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C206 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C207 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C208 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C209 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C210 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C211 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (729 82) | | EA | REF | | | | | | | | | | A8A4FL2C212 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C213 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C214 |

SECTION II

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C215 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C216 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C217 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C218 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C219 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C220 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C221 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C222 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C223 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C224 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C225 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2465-009W5T0102P; (72982) | | EA | REF | | | | | | | | | | A8A4FL2C226 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CK104; (71590) | | EA | REF | | | | | | | | | | A8A4FL2C227 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CK104; (71590) | | EA | REF | | | | | | | | | | A8A4FL2C229 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CK104; (71590) | | EA | REF | | | | | | | | | | A8A4FL2C230 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CK104; (71590) | | EA | REF | | | | | | | | | | A8A4FL2C234 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CK104; (71590) | | EA | REF | | | | | | | | | | A8A4FL2C235 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CK104; (71590) | | EA | REF | | | | | | | | | | A8A4FL2C237 |
| X1-D | | CAPACITOR, FIXED, ELECTROLYTIC: 610D25F100BD5; (56289) | | EA | REF | | | | | | | | | | A8A4FL2C236 |
| X1-D | | COIL, RADIO FREQUENCY: 4422-11-117; (82142) | | EA | REF | | | | | | | | | | A8ALFL2C206 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K043; (81349) | | EA | REF | | | | | | | | | | A8A4FL2L201 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K043; (81349) | | EA | REF | | | | | | | | | | A8A4FL2L202 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K043; (81349) | | EA | REF | | | | | | | | | | A8A4FL2L203 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K043; (81349) | | EA | REF | | | | | | | | | | A8A4FL2L204 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K043; (81349) | | EA | REF | | | | | | | | | | A8A4FL2L205 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | COIL, RADIO FREQUENCY: LT10K43; (81349) | | EA | REF | | | | | | | | | | A8A4FL2L207 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K43; (81349) | | EA | REF | | | | | | | | | | A8A4FL2L208 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K43; (81349) | | EA | REF | | | | | | | | | | A8A4FL2L209 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K43; (81349) | | EA | REF | | | | | | | | | | A8A4FL2L210 |
| X1-D | | COIL, RADIO FREQUENCY: LT10K43; (81349) | | EA | REF | | | | | | | | | | A8AL4L2L211 |
| X1-D | | COVER, SHIELD: 553-6279-002; (13499) | | EA | 1 | | | | | | | | | | AA4 FL2E1 |
| X1-D | | SCREW, MACHINE: P343-0298-000; (77250) | | EA | 6 | | | | | | | | | | A8A4FL2E1H1 |
| X1-D | | SCREW, MACHINE: P343-0298-000; (77250) | | EA | REF | | | | | | | | | | A8A4FL2E1H2 |
| X1-D | | SCREW, MACHINE: P343-0298-000; (77250) | | EA | REF | | | | | | | | | | A8A4FL2E1H3 |
| X1-D | | SCREW, MACHINE: P343-0298-000; (77250) | | EA | REF | | | | | | | | | | A8A4FL2E1H4 |
| X1-D | | SCREW, MACHINE: P343-0298-000; (77250) | | EA | REF | | | | | | | | | | A8A4FL2E1H5 |
| X1-D | | SCREW, MACHINE: P343-0298-000; (77250) | | EA | REF | | | | | | | | | | A8A4FL2E1H6 |
| X1-D | | WASHER, LOCK: MS35338-96; (96906) | | EA | 6 | | | | | | | | | | A8A4FL2E1H7 |
| X1-D | | WASHER, LOCK: MS35338-96; (96906) | | EA | REF | | | | | | | | | | A8A4FL2E1H8 |
| X1-D | | WASHER, LOCK: MS35338-96; (96906) | | EA | REF | | | | | | | | | | A8A4FL2E1H9 |
| X1-D | | WASHER, LOCK: MM35338-96; (96906) | | EA | REF | | | | | | | | | | A8A4FL2E1H10 |
| X1-D | | WASHER, LOCK: MM35338-96; (96906) | | EA | REF | | | | | | | | | | A8A4FL2E1H11 |
| X1-D | | WASHER, LOCK: MS35338-96; (96906) | | EA | REF | | | | | | | | | | A8A4FL2E1H12 |
| X1-D | | RING, SOLDER: 054-0368-000; (13499) | | EA | V | | | | | | | | | | A8A4FL2MP1 |
| X1-D | | SHIELD, FILTER-ROLLED: 553-6300-004; (13499) | | EA | 1 | | | | | | | | | | A8A4FL2E2 |
| P-O | 5920-280-3562 | FUSE, CARTRIDGE: F03A125V20AS; (81349) | | EA | 1 | | | | | | | | | | 8A4F1 |
| P-O | 5920-356-2185 | FUSE, CARTRIDGE: MDL1-10; (71400) | | EA | 1 | * | * | * | * | * | * | * | * | 3-67 | A8A4F5 |
| P-O | 5920-481-1418 | FUSE, CARTRIDGE: AGC250-1-500; (71400) | | EA | 1 | * | * | * | * | * | * | * | * | 3-67 | A8A4F4 |
| P-O | 5920-280-8344 | FUSE, CARTRIDGE: FO2A250V1-2AS; (81349) | | EA | 1 | * | * | * | * | * | * | * | * | 3-67 | A8A4F3 |
| P-O | 5920-060-2424 | FUSE, CARTRIDGE: FO2A250V54S; (81349) | | EA | 1 | * | * | * | * | * | * | * | * | | A8A4F2 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | | | | | | | | | | |
| P-D | 5920-728-3487 | FUSEHOLDER: 340149; (75915) | | EA | 2 | | | | | | | * | * | | A8A4XF1 |
| P-D | 5920-728-3487 | FUSEHOLDER: 340149; (75915) | | EA | REF | | | | | | | REF | REF | | A8A4XF2 |
| P-D | | FUSEHOLDER-RIVETED: 553-9750-003; (13499) | | EA | 1 | | | | | | | * | * | 3-67 | A8A4TB8 |
| P-D | | SCREW, MACHINE: P330-2290-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4TB8H1 |
| P-D | | SCREW, MACHINE: P330-2290-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4TB8H2 |
| P-D | 5920-168-1402 | FUSEHOLDER-RIVETED: 553-9750-004; (13499) | | EA | 1 | | | | | | | * | * | 3-67 | A8A4TB9 |
| P-D | | SCREW, MACHINE: P330-2290-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4TB9H1 |
| P-D | | SCREW, MACHINE: P330-2290-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4TB9H2 |
| P-D | | FUSEHOLDER, RIVETED: 553-9750-005; (13499) | | EA | 1 | | | | | | | * | * | 3-67 | A8A4TB10 |
| P-D | | SCREW, MACHINE: P330-2290-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4TB10H1 |
| P-D | | SCREW, MACHINE: P330-2290-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4TB10H2 |
| M-D | | GASKET: ARP567-009; (83259) | | EA | 2 | | | | | | | | | | A8A4MP28 |
| M-D | | GASKET: ARP567-009; (83259) | | EA | REF | | | | | | | | | | A8A4MP29 |
| M-D | | GASKET: 549-6136-002; (13499) | | EA | 1 | | | | | | | | | | A8A4MP30 |
| M-D | | GASKET, AIR: 549-6644-002; (13499) | | EA | 1 | | | | | | | | | | A8A4MP31 |
| M-D | 5330-981-7538 | GASKET, HEATSINK: 549-6156-002; (13499) | | EA | 2 | | | | | | | | | | A8A4MP32 |
| M-D | 5330-981-7538 | GASKET, HEATSINK: 549-6156-00 2; (13499) | | EA | REF | | | | | | | | | | ABA4MP33 |
| M-D | | GASKET, METER: 549-6185-002; (13499) | | EA | 1 | | | | | | | | | | A8A4MP34 |
| P-D | 3020-976-5393 | GEAR ASSEMBLY, SPUR: 549-6105-002; (13499) | | EA | 1 | | | | | | | * | * | | A8A4A5 |
| X1-D | | GEAR, SPUR, 46 TEETH, NO 2: 549-6093-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A5MP1 |
| X1-D | | PIN, SPRING, SELF-LOCKING: MS16562-190; (96906) | | EA | 1 | | | | | | | | | | A8A4A5MP2 |
| X1-D | | STOP, DIAL, NO 2: 549-6094-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A5MP3 |
| X1-D | | SCREW, MACHINE: MS51959-12; (96906) | | EA | 1 | | | | | | | | | | A8A4A5MP3H1 |
| P-D | 3020-951-0700 | GEAR, SPUR-90 TEETH 549-6196-002; (13499) | | EA | 1 | | | | | | | | | | A8A4MP35 |
| P-D | 5310-158-5247 | WASHER: 506-5908-003; (13499) | | EA | 1 | | | | | | | * | * | | A8A4MP35H1 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5325-174-5317 | GROMMET, RUBBER: MS35489-4; (96906) | | EA | 1 | | | | | | | REF | REF | A8A4H1 | |
| P-D | 5325-286-6047 | GROMMET, RUBBER: MS35489-1; (96906) | | EA | 2 | | | | | | | REF | REF | A8A4H2 | |
| P-D | 5325-286-6047 | GROMMET, RUBBER: MS35489-1; (96906) | | EA | REF | | | | | | | REF | REF | A8A4H3 | |
| P-D | 5325-276-4993 | GROMMET, RUBBER: 905; (75543) | | EA | 2 | | | | | | | REF | REF | A8A4H4 | |
| P-D | 5325-276-4993 | GROMMET, RUBBER: 905; (75543) | | EA | REF | | | | | | | REF | REF | A8A4H5 | |
| P-D | 5325-248-7031 | GROMMET, RUBBER: 911; (75543) | | EA | 1 | | | | | | | * | * | A8A4H6 | |
| M-D | | HARNESS, WIRING, BRANCHED: 549-6227-000; (13499) | | EA | 1 | | | | | | | | | 3-67 A8A4W1 | |
| P-D | 5820-168-1583 | HEATSINK, ELECTRON TUBE: 549-6211-003; (13499) | | EA | 1 | | | | | | | * | * | A8A4E33 | |
| P-D | 5820-979-0034 | HOLDER, RESISTOR: 549-6129-002; (13499) | | EA | 1 | | | | | | | * | * | A8A4MP36 | |
| P-D | 5310-262-6105 | NUT, PLAIN, HEXAGON: P313-0045-000; (77250) | | EA | 2 | | | | | | | REF | REF | A8A4MP36H1 | |
| P-D | 5310-262-6105 | NUT, PLAIN, HEXAGON: P313-0045-000; (77250) | | EA | REF | | | | | | | REF | REF | A8A4MP36H2 | |
| P-D | 5305-054-6650 | SCREW, MACHINE: MS51957-26; (96906) | | EA | 2 | | | | | | | * | * | A8A4MP36H3 | |
| P-D | 5305-054-6650 | SCREW, MACHINE: MS51957-26; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP36H4 | |
| P-D | 5310-271-7446 | WASHER, LOCK, SPLIT: 310-0071-000; (79807) | | EA | 2 | | | | | | | REF | REF | A8A4MP36H5 | |
| P-D | 5310-271-7446 | WASHER, LOCK, SPLIT: 310-0071-000; (79807) | | EA | REF | | | | | | | REF | REF | A8A4MP36H1 | |
| P-D | 5935-977-6239 | INSERT, ELECTRICAL CONNECTOR: DM51155-5000; (71468) | | EA | 2 | | | | | | | * | * | A8A4J1A1 | |
| P-D | 5935-977-6239 | INSERT, ELECTRICAL CONNECTOR: DM51155-5000; (71468) | | EA | REF | | | | | | | REF | REF | A8A4J1A2 | |
| P-D | 5960-984-0422 | INSERT, ELECTRON TUBE SHIELD: 106-331-4; (99378) | | EA | 1 | | | | | | | * | * | A8A4MP37 | |
| P-D | 6250-431-3743 | INSERT, LAMPHOLDER: 548-7910-002; (13499) | | EA | 2 | | | | | | | * | * | A8A4MF38 | |
| P-D | | INSERT, LAMPHOLDER: 548-7910-002; (13499) | | EA | REF | | | | | | | REF | REF | A8A4MP39 | |
| P-D | 5820-977-6238 | INSERT, LAMPHOLDER: 549-6143-002; (13499) | | EA | 2 | | | | | | | * | * | A8A4MP40 | |
| P-D | 5820-977-6238 | INSERT, LAMPHOLDER: 549-6143-002; (13499) | | EA | REF | | | | | | | REF | REF | A8A4MP41 | |
| P-D | 5355-950-7575 | KNOB-LARGE: 549-6189-002; (13499) | | EA | 1 | | | | | | | * | * | A8A4MP42 | |
| P-D | 5305-531-0137 | SETSCREW: 335-0020-000; (08664) | | EA | 2 | | | | | | | REF | REF | A8A4MP42H1 | |
| P-D | 5305-531-0137 | SETSCREW: 335-0020-000; (08664) | | EA | REF | | | | | | | REF | REF | A8A4MP42H2 | |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5355-733-5548 | KNOB-LOCK: 553-9731-002; (13499) | | EA | 1 | | | | | | | * | * | A8A4MP43 | |
| P-D | 5310-151-9034 | WASHER, FLAT: 553-5029-003; (13499) | | EA | 1 | | | | | | | * | * | A8A4MP43H1 | |
| P-D | 5355-950-7576 | KNOB-SMALL: 549-6190-002; (13499) | | EA | 1 | | | | | | | * | * | A8A4MP44 | |
| P-D | 5305-638-1885 | SETSCREW: 4-48X1-8 6SPLINEOVPT18-8SST; (08664) | | EA | 1 | | | | | | | * | * | A8A4MP44H1 | |
| P-D | 5355-950-7574 | KNOB-SWITCH: 549-6124-002; (13499) | | EA | 1 | | | | | | | * | * | A8A4MP45 | |
| P-D | 5305-531-0137 | SETSCREW: 335-0020-000; (08664) | | EA | 2 | | | | | | | REF | REF | A8A4MP45H1 | |
| P-D | 5305-531-0137 | SETSCREW: 335-0020-000; (08664) | | EA | REF | | | | | | | REF | REF | A8A4MP45H2 | |
| M-D | | KNOB-VOLUME CONTROL: 549-6144-002; (13499) | | EA | 1 | | | | | | | | | A8A4MP46 | |
| P-D | 5305-531-0137 | SETSCREW: 335-0020-000; (08664) | | EA | 2 | | | | | | | REF | REF | A8A4MP46H1 | |
| P-D | 5305-531-0137 | SETSCREW: 335-0020-000; (08664) | | EA | REF | | | | | | | REF | REF | A8A4MP46H2 | |
| P-D | 6240-155-7836 | LAMP, INCANDESCENT: MS25237-387; (96906) | | EA | 4 | | | | | | | * | * | A8A4DS1 | |
| P-D | 6240-155-7836 | LAMP, INCANDESCENT: MS25237-387; (96906) | | EA | REF | | | | | | | REF | REF | A8A4DS2 | |
| P-D | 6240-155-7836 | LAMP, INCANDESCENT: MS25237-387; (96906) | | EA | REF | | | | | | | REF | REF | A8A4DS101 | |
| P-D | 6240-155-7836 | LAMP, INCANDESCENT: MS25237-387; (96906) | | EA | REF | | | | | | | REF | REF | A8A4DS102 | |
| P-D | | LENS, INDICATOR LIGHT: MS25010; (96906) | | EA | 4 | | | | | | | * | * | A8A4MP47 | |
| P-D | | LENS, INDICATOR LIGHT: MS25010; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP48 | |
| P-D | | LENS, INDICATOR LIGHT: MS25010; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP49 | |
| P-D | | LENS, INDICATOR LIGHT: MS25010; (96906) | | EA | REF | | | | | | | REF | REF | A8A4MP50 | |
| P-D | 6210-791-9380 | LENS, PANEL, LIGHT: 548-7909-002; (13499) | | EA | 2 | | | | | | | * | * | A8A4MP51 | |
| P-D | 6210-791-9380 | LENS, PANEL, LIGHT: 548-7909-002; (13 499) | | EA | REF | | | | | | | REF | REF | A8A4MP52 | |
| P-D | | PANEL, SIGNAL DISTRIBUTION: 5449-6006-000; (13499) | | EA | 1 | | | | | | | | | A8A4A6 | |
| P-D | 5305-151-6240 | SCREW, MACHINE: P325-0080-000; (77250) | | EA | 3 | | | | | | | | | A8A4A6H3 | |
| P-D | 5305-054-6670 | SCREW, MACHINE: MS51957-45; (96906) | | EA | 6 | | | | | | | * | * | A8A4A6H6 | |
| P-D | | WASHER, FLAT: P313-0046-000; (77250) | | EA | 9 | | | | | | | * | * | A8A4A6H9 | |
| P-D | 5310-209-1074 | WASHER, FLAT: 310-0048-000; (79807) | | EA | 3 | | | | | | | REF | REF | A8A4A6H3 | |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35335-137; (96906) | | EA | 6 | | | | | | | REF | REF | A8A4A6H6 | |
| P-D | | WASHER, LOCK: 310-0283-000; (70318) | | EA | 3 | | | | | | | * | * | A8A4A6H3 | |
| M-D | 5985-987-9019 | BASE, ANTENNA: P57035; (70371) | | EA | 1 | | | | | | | | | A8A4A6MP1 | |
| P-D | 5305-901-3604 | SCREW, MACHINE: P343-0095-000; (77250) | | EA | 6 | | | | | | | * | * | A8A4A6MP1H1 | |
| P-D | | SCREW, MACHINE: P343-0095-000; (77250) | | EP. | REF | | | | | | | REF | REF | A8A4A6MP1H2 | |
| P-D | | SCREW, MACHINE: P343-0095-000; (77250) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H3 | |
| P-D | | SCREW, MACHINE: P343-0095-000; (77250) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H4 | |
| P-D | | SCREW, MACHINE: P343-0095-000; (77250) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H5 | |
| P-D | | SCREW, MACHINE: P343-0095-000; (77250) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H6 | |
| P-D | | WASHER, FLAT: 310-0048-000; (79807) | | EA | 6 | | | | | | | REF | REF | A8A4A6MP1H7 | |
| P-D | | WASHER, FLAT: 310-0048-000; (79807) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H8 | |
| P-D | | WASHER, FLAT: 310-0048-000; (79807) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H9 | |
| P-D | | WASHER, FLAT: 310-0048-000; (79807) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H10 | |
| P-D | | WASHER, FLAT: 310-0048-000; (79807) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H11 | |
| P-D | | WASHER, FLAT: 310-0048-000; (79807) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H12 | |
| P-D | 5310-551-9284 | WASHER, NONMETALLIC: 302-0029-000; (05284) | | EA | 6 | | | | | | | * | * | A8A4A6MP1H13 | |
| P-D | 5310-551-9284 | WASHER, NONMETALLIC: 302-0029-000; (05284) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H14 | |
| P-D | 5310-551-9284 | WASHER, NONMETALLIC: 302-0029-030; (05284) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H15 | |
| P-D | 5310-551-9284 | WASHER, NONMETALLIC: 302-0029-000; (05284) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H16 | |
| P-D | 5310-551-9284 | WASHER, NONMETALLIC 302-0029-006; (05284) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H17 | |
| P-D | 5310-551-9284 | WASHER, NONMETALLIC 302-0029-000; (05284) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H18 | |
| P-D | 5330-559-8909 | WASHER, SEALING 110-8; (86579) | | EA | 6 | | | | | | | * | * | A8A4A6MP1H19 | |
| P-D | 5330-559-8909 | WASHER, SEALING 110-8; (86579) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H20 | |
| P-D | 5330-559-8909 | WASHER, SEALING 110-8; (86579) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H21 | |
| P-D | 5330-559-8909 | WASHER, SEALING 110-8; (86579) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H22 | |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5330-559-8909 | WASHER, SEALING 110-8; (86579) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H23 | |
| P-D | 5330-559-8909 | WASHER, SEALING: 110-8; (86579) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H24 | |
| P-D | | BEARING, BALL, ANNULAR: S6316FRHH3P15L02; (40920) | | EA | 9 | | | | | | | REF | REF | A8A4A6MP2 | |
| P-D | | BEARING, BALL, ANNULAR: S6316FRHH3P15L02; (40920) | | EA | REF | | | | | | | REF | REF | A8A4A6MP3 | |
| P-D | | BEARING, BALL, ANNULAR: S6316FRHH3P15L02; (40920) | | EA | REF | | | | | | | REF | REF | A8A4A6MP4 | |
| P-D | | BEARING, BALL, ANNULAR: S6316FRHH3P15L02; (40920) | | EA | REF | | | | | | | REF | REF | A8A4A6MP5 | |
| P-D | | BEARING, BALL, ANNULAR: S6316FRHH3P15L02; (40920) | | EA | REF | | | | | | | REF | REF | A8A4A6MP6 | |
| P-D | | BEARING, BALL, ANNULAR: S6316FRHH3P15L02; (40920) | | EA | REF | | | | | | | REF | REF | A8A4A6MP7 | |
| P-D | | BEARING, BALL, ANNULAR: S6316FRHH3P15L02; (40920) | | EA | REF | | | | | | | REF | REF | A8A4A6MP8 | |
| P-D | | BEARING, BALL, ANNULAR : S6316FRHH3P15L02; (40920) | | EA | REF | | | | | | | REF | REF | ABA4A6MP9 | |
| P-D | | BEARING, BALL, ANNULAR: S6316FRHH3P15L02; (40920) | | EA | REF | | | | | | | REF | REF | A8A4A6MP10 | |
| P-D | 3120-865-8571 | BEARING, SLEEVE 3L3F; (96881) | | EA | 7 | | | | | | | REF | REF | A8A4A6MP11 | |
| P-D | 3120-865-8571 | BEARING, SLEEVE 3L3F; (96881) | | EA | REF | | | | | | | REF | REF | ABA4A6MP12 | |
| P-D | 3120-865-8571 | BEARING, SLEEVE 3L3F; (96881) | | EA | REF | | | | | | | REF | REF | A8A4A6MP13 | |
| P-D | 3120-865-8571 | BEARING, SLEEVE 3L3F; (96881) | | EA | REF | | | | | | | REF | REF | A8A4A6MP14 | |
| P-D | 3120-865-8571 | BEARING, SLEEVE. 3L3F; (96881) | | EA | REF | | | | | | | REF | REF | A8A4A6MP15 | |
| P-D | 3120-865-8571 | BEARING, SLEEVE 3L3F; (96881) | | EA | REF | | | | | | | REF | REF | A8A4A6MP16 | |
| P-D | 3120-865-8571 | BEARING, SLEEVE 3L3F; (96881) | | EA | REF | | | | | | | REF | REF | A8A4A6MP17 | |
| P-D | 5820-977-7652 | BEARING, SLEEVE 549-6089-002; (13499) | | EA | 2 | | | | | | | * | * | A8A4A6MP18 | |
| P-D | | NUT, HEXAGON 500-6308-001; (13499) | | EA | 1 | | | | | | | * | * | A8A4A6MP18H1 | |
| P-D | 5820-977-7652 | BEARING, SLEEVE 549-6089-002; (13499) | | EA | REF | | | | | | | REF | REF | A8A4A6MP19 | |
| P-D | | NUT, HEXAGON 500-6308-001; (13499) | | EA | 1 | | | | | | | REF | REF | ABA4A6MP19H1 | |
| M-D | 5820-977-1564 | BLOCK, MOUNTING, FRONT 549-6100-002; (13 499) | | EA | 1 | | | | | | | | | A8A4A6MP20 | |
| P-D | 5305-415-2207 | SCREW, MACHINE P342-0025-000; (77250) | | EA | 1 | | | | | | | * | * | ABA4A6MP20H1 | |
| M-D | 5820-977-1553 | BLOCK, MOUNTING-METER SHIELD 549-6101-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6MP21 | |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5305-054-6651 | SCREW, MACHINE: MS51957-27; (96906) | | EA | 2 | | | | | | | REF | REF | A8A4A6MP21H1 | |
| P-D | 5305-054-6651 | SCREW, MACHINE: MS51957-27; (96906) | | EA | REF | | | | | | | REF | REF | A8A4A6MP21H2 | |
| P-D | 3040-950-9578 | COLLAR, SHAFT-NO. 1: 549-6021-002; (13499) | | EA | 6 | | | | | | | | | A8A4A6MP22 | |
| P-D | 5305-716-7733 | SETSCREW: MS51053-426; (96906) | | EA | 2 | | | | | | | * | * | A8A4A6MP22H1 | |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | REF | | | | | | | REF | REF | A8A4A6MP22H2 | |
| M-D | 3040-950-9578 | COLLAR, SHAFT-NO. 1: 549-6021-002; (13499) | | EA | REF | | | | | | | | | A8ARA6MP23 | |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | 2 | | | | | | | REF | REF | A8A4A6MP23H1 | |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | REF | | | | | | | REF | REF | A8A4A6MP23H2 | |
| P-D | 3040-950-9578 | COLLAR, SHAFT-NO. 1: 549-6021-002; (13499) | | EA | REF | | | | | | | | | A8A4A6MP24 | |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | 2 | | | | | | | REF | REF | A8A4A6MP24H1 | |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | REF | | | | | | | REF | REF | A8A4A6MP24H2 | |
| P-D | 3040-950-9578 | COLLAR, SHAFT-NO. 1: 549-6021-002; (13499) | | EA | REF | | | | | | | | | A8A4A6MP25 | |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | 2 | | | | | | | REF | REF | A8A4A6MP25H1 | |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | REF | | | | | | | REF | REF | A8A4A6MP25H2 | |
| M-D | 3040-950-9578 | COLLAR, SHAFT-NO. 1: 549-6021-002; (13499) | | EA | REF | | | | | | | | | A8A4A6MP26 | |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | 2 | | | | | | | REF | REF | A8A4A6MP26H1 | |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | REF | | | | | | | REF | REF | A8A4A6MP26H2 | |
| P-D | 3040-950-9578 | COLLAR, S HAFT-NO. 1: 549-6021-002; (13499) | | EA | REF | | | | | | | | | A8A4A6MP27 | |
| P-D | | SETSCREW: MS51053-26; (96906) | | EA | 2 | | | | | | | REF | REF | A8A4A6MP27H1 | |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | REF | | | | | | | REF | REF | A8A4A6MP27H2 | |
| P-D | | CONTACT ASSEMBLY, ELECTRICAL-1: 549-6103-002; (13499) | | EA | 2 | | | | | | | * | * | A8A4A6E1 | |
| P-D | 5305-297-4351 | SCREW, MACHINE: P342-0165-000; (77250) | | EA | 2 | | | | | | | * | * | A8A4A6E1H1 | |
| P-D | | SCREW, MACHINE: P342-0165-000; (77250) | | EA | REF | | | | | | | REF | REF | A8A4A6E1H2 | |
| P-D | | CONTACT ASSEMBLY, ELECTRICAL-: 549-6103-002; (13499) | | EA | REF | | | | | | | REF | REF | A8A4A6E2 | |
| P-D | | SCREW, MACHINE: P342-0165-000; (77250) | | EA | 2 | | | | | | | REF | REF | A8A4A6E2H1 | |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | | SCREW, MACHINE: P342-0165-000; (77250) | | EA | REF | | | | | | | REF | REF | A8A4A6E2H2 | |
| M-D | | COUPLING, HALF, SHAFT, NO. 2: 549-6048-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6MP61 | |
| M-D | | COUPLING, HALF, SHAFT, NO 3: 5149-6049-002; (13499) | | EA | 2 | | | | | | | | | A8A4A6MP28 | |
| M-D | | COUPLING, HALF, SHAFT, NO. 3: 549-6049-002; (13499) | | EA | REF | | | | | | | | | A8A4A6MP29 | |
| M-D | | GASKET, BEARING: 549-6090-002; (13499) | | EA | 2 | | | | | | | | | A8A4A6MP30 | |
| M-D | | GASKET, BEARING: 549-6090-002; (13499) | | EA | REF | | | | | | | | | A8A4A6MP31 | |
| M-D | 5330-618-3447 | GASKET, RUBBER, CIRCULAR: MS9021-008; (96906) | | EA | 3 | | | | | | | | | A8A4A6MP32 | |
| M-D | 5330-618-3447 | GASKET, RUBBER, CIRCULAR: MS9021-008; (96906) | | EA | REF | | | | | | | | | A8A4A6MP33 | |
| M-D | 5330-618-3447 | GASKET, RUBBER, CIRCULAR: MS9021-008; (969 06) | | EA | REF | | | | | | | | | A8A4A6MP34 | |
| M-D | | GASKET, TERMINAL FEED THRU: 549-6091-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6MP35 | |
| P-H-T | 5820-977-1563 | GEAR ASSEMBLY, BEVEL, SPUR, NO. 1: 5149-6045-002; (13499) | | EA | 1 | | | | * | * | 1 | 8 | 3 | A8A4A6A1 | |
| X1-D | | GEAR, BEVEL, NO 1: 549-6029-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A1MP1 | |
| X1-D | | GEAR, SPUR, NO. 6 549-6042-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A1MP2 | |
| X1-D | | PIN, GROOVED, HEADLESS MS35672-1; (96906) | | EA | 2 | | | | | | | | | A8A4A6A1MP3 | |
| X1-D | | PIN, GROOVED, HEADLESS MS35672-1; (96906) | | EA | REF | | | | | | | | | A8A4A6A1MP4 | |
| X1-D | | PIN, GROOVED, HEADLESS MS35672-7; (96906) | | EA | 1 | | | | | | | | | A8A4A6A1MP5 | |
| X1-D | | SHAFT, STRAIGHT-NO 4 549-6050-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A1MP6 | |
| P-D | 5820-977-1558 | GEAR ASSEMBLY, BEVEL, SPUR-NO 3 549-6047-002; (13499) | | EA | 1 | | | | | | | 8 | 3 | A8A4A6A2 | |
| X1-D | | GEAR, BEVEL, NO 1: 549-6029-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A2MP1 | |
| X1-D | | GEAR, SPUR, NO. 9: 549-6043-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A2MP2 | |
| X1-D | | PIN, GROOVED, HEADLESS: MS35672-1; (96906) | | EA | 2 | | | | | | | | | A8A4A6A2MP3 | |
| X1-D | | PIN, GROOVED, HEADLESS: MS35672-1; (96906) | | EA | REF | | | | | | | | | A8A4A6A2MP4 | |
| X1-D | | PIN, GROOVED, HEADLESS: MS35672-7; (96906) | | EA | 1 | | | | | | | | | A8A4A6A2MP5 | |
| X1-D | | SHAFT, STRAIGHT-NO 2: 549-6041-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A2MP6 | |
| P-D | 3020-976-5392 | GEAR ASSEMBLY, SPUR-NO. 1: 549-6104-002; (13499) | | EA | 1 | | | | | | | 8 | 3 | A8A4A6A3 | |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | GEAR, SPUR, NO 1: 549-6092-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A6A3MP1 |
| X1-D | | PIN, SPRING: MS16562-190; (96906) | | EA | 1 | | | | | | | | | | A8A4A6A3MP2 |
| X1-D | | STOP, DIAL, NO. 2: 549-6094-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A6A3MP3 |
| X1-D | | SCREW, MACHINE: MS51959-12; (96906) | | EA | 1 | | | | | | | | | | A8A4A6A3MP3H1 |
| P-D | 3020-088-6021 | GEAR, BEVEL, NO 2: 549-6121-002; (13499) | | EA | 1 | | | | | | 8 | 3 | | | A8A4A6MP36 |
| P-D | | SETSCREW: MS51053-L26; (96906) | | EA | 2 | | | | | | REF | REF | | | A8A4A6MP36H1 |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | REF | | | | | | REF | REF | | | A8A4A6MP36H2 |
| P-D | 5820-977-1559 | GEARSHAFT, BEVEL, SPUR-PRESSED 549-6055-002; (13499) | | EA | 1 | | | | | | 8 | 3 | | | A8A4A6A4 |
| X1-D | | GEAR, BEVEL, NO 2: 549-6038-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A6A4MP1 |
| X1-D | | GEARSHAFT, SPUR-NO. 1: 549-6033-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A6A4MP2 |
| M-D | | GEARSHAFT-COUPLER ASSEMBLY: 549-6046-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A6A5 |
| S4-D | | COUPLING HALF, SHAFT-NO. 1: 549-6040-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A6A5MP1 |
| P-D | 5305-766-2422 | SCREW, MACHINE: MS51959-1; (96906) | | EA | 4 | | | | | | 33 | 20 | | | A8A4A6A5MP1H1 |
| P-D | 5305-766-2422 | SCREW, MACHINE: MS51959-1; (96906) | | EA | REF | | | | | | REF | REF | | | A8A4A6A5MP1H2 |
| P-D | 5305-766-2422 | SCREW, MACHINE: MS51959-1; (96906) | | EA | REF | | | | | | REF | REF | | | A8A4A6A5MP1H3 |
| P-D | 5305-766-2422 | SCREW, MACHINE: MS51959-1; (96906) | | EA | REF | | | | | | REF | REF | | | A8A4A6A5MP1H4 |
| P-D | 3040-977-1551 | GEARSHAFT, SPUR-NO 2: 549-6034-002; (13499) | | EA | 1 | | | | | | 8 | 3 | | | A8A4A6MP37 |
| P-D | 5820-977-1558 | GEARSHAFT, SPUR-12 TEETH: 549-6030-002; (13499) | | EA | 1 | | | | | | 8 | 3 | | | A8A4A6MP38 |
| P-D | | GEAR, SPUR, DETENT: 549-6052-002; (13499) | | EA | 1 | | | | | | 8 | 3 | | | A3A4A6MP39 |
| P-D | | GEAR, SPUR, NO.: 549-6036-0002; (13499) | | EA | 1 | | | | | | 8 | 3 | | | A8A4A6MP40 |
| P-D | 3020-985-2235 | GEAR, SPUR, NO 4: 549-6039-002; (13499) | | EA | 1 | | | | | | 8 | 3 | | | A8A4A6A6 |
| X1-D | | HUB-GEAR: 549-6035-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A6A6MP1 |
| P-D | 5305-764-2966 | SCREW, MACHINE: MS51959-2; (96906) | | EA | 4 | | | | | | REF | RE | | | A8A4A6A6MP1H1 |
| P-D | 5305-764-2966 | SCREW, MACHINE: MS51959-2; (96906) | | EA | REF | | | | | | REF | REF | | | A8A4A6A6MP1H2 |
| P-D | 5305-764-2966 | SCREW, MACHINE: MS51959-2; (96906) | | EA | REF | | | | | | REF | REF | | | A8A4A6A6MP1H3 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5305-764-2966 | SCREW, MACHINE: MS51959-2; (96906) | | EA | REF | | | | | | | REF | REF | A8A4A6MP1H4 | |
| P-D | 3020-985-2236 | GEAR, SPUR, 12T DETENT: 549-6065-002; (13499) | | EA | 1 | | | | | | | 8 | 3 | A8A4A6MP62 | |
| P-D | | GEAR, SPUR, 32 TEETH: 549-6044-002; (13499) | | EA | 1 | | | | | | | 8 | 3 | A8A4A6MP63 | |
| P-D | 3020-088-4507 | GEAR, SPUR, 54 TEETH: 549-6054-002; (13499) | | EA | 1 | | | | | | | 6 | 3 | A8A4A6MP64 | |
| P-D | 3020-988-0687 | GEAR, SPUR, 60 TEETH: 549-6037-002; (13499) | | EA | 1 | | | | | | | 8 | 3 | A8A4A6MP41 | |
| P-D | 3020-098-1785 | GEAR, SPUR, 69 TEETH: 549-6060-002; (13499) | | EA | 1 | | | | | | | 8 | 3 | A8A4A6MP42 | |
| P-D | 3020-988-6910 | GEAR, SPUR, 78T, RIVETED: 59-6066-002; (13499) | | EA | 1 | | | | | | | 8 | 3 | A8A4A6MP43 | |
| P-D | 5820-977-1560 | GEAR, STOP, NO 1, RIVETED: 549-6078-002; (13499) | | EA | 1 | | | | | | | 8 | 3 | A8A4A6MP44 | |
| P-D | | SETSCREW: 6-40X1-4-6SPLINE416SST; (08664) | | EA | 1 | | | | | | | 12 | 5 | A8A4A6MP44H1 | |
| P-D | 5820-977-1561 | GEAR, STOP, NO. 2: 549-6079-002; (13499) | | EA | 1 | | | | | | | 8 | 3 | A8A4A6MP45 | |
| M-D | | HANDLE, BOW-THREADED: 549-6087-002; (13499) | | EA | 2 | | | | | | | | | A8A4A6MP46 | |
| P-D | 5305-942-8431 | SCREW, MACHINE: P347-0053-000; (77250) | | EA | 2 | | | | | | | 33 | 20 | A8A4A6MP46H1 | |
| P-D | 5305-942-8431 | SCREW, MACHINE P347-0053-000; (77250) | | EA | REF | | | | | | | REF | REF | A8A4A6MP46H2 | |
| P-D | 5310-933-8119 | WASHER, LOCK: MS35338-137; (96906) | | EA | 2 | | | | | | | REF | REF | A8A4A6MP46H3 | |
| P-D | 5310-933-8119 | WASHER, LOCK: MS35338-137; (96906) | | EA | REF | | | | | | | REF | REF | A8A4A6MP46H4 | |
| P-D | 5330-559-8909 | WASHER, SEALING: 110-8; (86579) | | EA | 2 | | | | | | | REF | REF | A8A4A6MP46H5 | |
| P-D | 5330-559-8909 | WASHER, SEALING: 110-8; (86579) | | EA | REF | | | | | | | REF | REF | A8A4A6MP46H6 | |
| M-D | | HANDLE, BOW-THREADED: 549-6087-002; (13499) | | EA | REF | | | | | | | | | A8A4A6MP47 | |
| P-D | | SCREW, MACHINE: P347-0053-000; (77250) | | EA | 2 | | | | | | | REF | REF | A8A4A6MP47H1 | |
| P-D | | SCREW, MACHINE: P347-0053-000; (77250) | | EA | REF | | | | | | | REF | REF | A8A4A6MP47H2 | |
| P-D | 5310-933-8119 | WASHER, LOCK: MS35338-137; (96906) | | EA | 2 | | | | | | | REF | REF | A8A4A6MP47H3 | |
| P-D | 5310-933-8119 | WASHER, LOCK: MS35338-137; (96906) | | EA | REF | | | | | | | REF | REF | A8A4A6MP47H4 | |
| P-D | 5330-559-8909 | WASHER, SEALING: 110-8; (86579) | | EA | 2 | | | | | | | REF | REF | A8A4A6MP47H5 | |
| P-D | 5330-559-8909 | WASHER, SEALING: 110-8; (86579) | | EA | REF | | | | | | | REF | REF | A8A4A6MP47H6 | |
| P-H-T | 5820-984-1770 | INDICATOR, FREQUENCY CHANNEL: 549-6116-004; (13499) | | EA | 1 | | | | * | * | * | 5 | 2 | A8A4A6A7 | |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5305-054-5648 | SCREW, MACHINE: MS51957-14; (96906) | | EA | 3 | | | | | | | REF | REF | A8A4A6A7H3 | |
| P-D | 5310-058-2949 | WASHER, LOCK: 310-0278-000; (70318) | | EA | 3 | | | | | | | REF | REF | A8A4A6A7H3 | |
| X1-D | | BRACKET, INDICATOR, PRESSED: 549-6113-003; (13499) | | EA | 1 | | | | | | | | | A8A4A6A7A1 | |
| X1-D | | BRACKET, INDICATOR: 549-6254-004; (13499) | | EA | 1 | | | | | | | | | A8A4A6A7A1MP1 | |
| X1-D | | GEAR, SPUR, 8 TEETH: 541-8646-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A7A1MP2 | |
| X1-D | | PIN, GROOVED, HEADLESS: GP4-125X0250-50; (73957) | | EA | 2 | | | | | | | | | A8A4A6A7A1MP3 | |
| X1-D | | PIN, GROOVED, HEADLESS: GP4-125X0250-50; (73957) | | EA | REF | | | | | | | | | A8A4A6A7A1MP4 | |
| X1-D | | SHAFT, STRAIGHT-TRANSFER: 549-6015-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A7A1MP5 | |
| X1-D | | DIAL, SCALE, NO. 1 RIVETED: 549-6010-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A7MP1 | |
| X1-D | | DIAL, SCALE, NO. 2 RIVETED: 549-6011-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A7MP2 | |
| X1-D | | DIAL, SCALE, NO. 3 RIVETED: 549-6012-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A7MP3 | |
| X1-D | | DIAL, SCALE, NO. 4 RIVETED: 519-6013-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A7MP4 | |
| X1-D | | GEAR, 40 TEETH: 544-2986-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A7MP5 | |
| X1-D | | GEAR, BEVEL, NO. 3: 549-6051-002; (13499) | | EA | 5 | | | | | | | | | A8A4A6A7MP6 | |
| X1-D | | SETSCREW: 4-48x1-8 6SPLINE0VPT18-8SST; (08664) | | EA | 2 | | | | | | | | | A8A4A6A7MP6H1 | |
| X1-D | | SETSCREW: 4-48X1-8 6SPLINE0VPT18-8SST; (08664) | | EA | REF | | | | | | | | | A8A4A6A7MP6H2 | |
| X1-D | | GEAR, BEVEL, NO. 3: 549-6051-002; (13499) | | EA | REF | | | | | | | | | A8A4A6A7MP7 | |
| X1-D | | SETSCREW: 4-48x1-8 6SPLINEDOPT18-8SST; (08664) | | EA | 2 | | | | | | | | | A8A4A6A7MP7H1 | |
| X1-D | | SETSCREW: 4-48x1-8 6SPLINE0VPT18-8SST; (08664) | | EA | REF | | | | | | | | | A8A4A6A7MP7H2 | |
| X1-D | | GEAR, BEVEL, NO. 3: 549-6051-002; (13499) | | EA | REF | | | | | | | | | A8A4A6A7MP8 | |
| X1-D | | SETSCREW- 4-48X1-8 6SPLINE0VPT18-8SST; (08664) | | EA | 2 | | | | | | | | | A8A4A6A7MP8H1 | |
| X1-D | | SETSCREW 4-48X1-8 6SPLINE0VPT18-8SST; (08664) | | EA | REF | | | | | | | | | A8A4A6A7MP8H2 | |
| X1-D | | GEAR, BEVEL, NO. 3: 549-6051-002; (134 99) | | EA | REF | | | | | | | | | A8A4A6A7MP9 | |
| X1-D | | SETSCREW 4-48X1-8 (SPLINE0VPT18-8SST; (08664) | | EA | 2 | | | | | | | | | A8A4A6A7MP9H1 | |
| X1-D | | SETSCREW. 4-48x1-8 6SPLINE0VPT18-8SST; (08664) | | EA | REF | | | | | | | | | A8A4A6A7MP9H2 | |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | | | | | | | | | | |
| X1-D | | GEAR, BEVEL, NO 3: 549-6051-002; (13499) | | EA | REF | | | | | | | | | | A8A4A6A7MP10 |
| X1-D | | SETSCREW: 4-48X1-8 6SPLINE0VPT18-8SST; (08664) | | EA | 2 | | | | | | | | | | A8A4A6A7MP10H1 |
| X1-D | | SETSCREW: 4-48X1-8 6SPLINE0VPT18-8SST (08664) | | EA | REF | | | | | | | | | | A8A4A6A7MP10H2 |
| X1-D | | GEAR, CLUSTER, BEVEL-SPUR: 549-6024-002; (13499) | | EA |]] | | | | | | | | | | A8A4A6A7A2 |
| X1-D | | GEAR, BEVEL-COUNTER: 549-6022-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A6A7A2MP1 |
| X1-D | | GEAR, SPUR-COUNTER: 549-6023-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A6A7A2MP2 |
| X1-D | | GEARSHAFT, BEVEL PINNED: 549-6225-002; (13499) | | EA | 2 | | | | | | | | | | A8A4A6A7A3 |
| X1-D | | GEAR, BEVEL: 549-6224-002; (13499) | | EA | 2 | | | | | | | | | | A8A4A6A7A3MP1 |
| X1-D | | PIN, SPRING: MS16562-192; (96906) | | EA | 2 | | | | | | | | | | A8A4A6A7A3MP2 |
| X1-D | | SHAFT, SHOULDERED, COUNTER: 5R9-6018-002; (13499) | | EA | 2 | | | | | | | | | | A8A4A6A7A3MP3 |
| X1-D | | GEARSHAFT, BEVEL PINNED: 549-6225-002; (13499) | | EA | REF | | | | | | | | | | A8A4A6A7A4 |
| X1-D | | GEAR, BEVEL: 549-6224-002; (13499) | | EA | REF | | | | | | | | | | A8A4A6A7A4MP1 |
| X1-D | | PIN, SPRING: MS16562-192; (96906) | | EA | REF | | | | | | | | | | A8A4A6A7A4MP2 |
| X1-D | | SHAFT, SHOULDERED, COUNTER: 549-6018-002; (13499) | | EA | REF | | | | | | | | | | A8A4A6A7A4MP3 |
| X1-D | | GEAR, SPUR, 36 TEETH: 549-6058-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A6A7MP11 |
| X1-D | | PIN, SPRING: MS16562-192; (96906) | | EA | 2 | | | | | | | | | | A8A4A6A7MP12 |
| X1-D | | PIN, SPRING: MS16562-192; (96906) | | EA | REF | | | | | | | | | | A8A4A6A7MP13 |
| X1-D | | RING, RETAINING: MS16632-1018; (96906) | | EA | 1 | | | | | | | | | | A8A4A6A7H1 |
| X1-D | | RING, RETAINING: 5133-15C; (79136) | | EA | 2 | | | | | | | | | | A8A4A6A7H2 |
| X1-D | | RING, RETAINING: 5133-15C; (79136) | | EA | REF | | | | | | | | | | A8A4A6A7H3 |
| X1-D | | RING, RETAINING: 5133-18C; (79136) | | EA | 2 | | | | | | | | | | A8A4A6A7H4 |
| X1-D | | RING, RETAINING: 5133-18C; (79136) | | EA | REF | | | | | | | | | | A8A4A6A7H5 |
| X1-D | | SHAFT, SHOULDERED: 549-6053-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A6A7MP14 |
| X1-D | | SHAFT, STRAIGHT-COUNTER: 549-6014-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A6A7MP15 |
| X1-D | | SHAFT, STRAIGHT-NO 1: 549-6016-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A6A7MP16 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | SHAFT, STRAIGHT-NO. 2: 549-6507-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A6A7MP17 |
| P-D | 5355-951-4083 | KNOB: 549-6077-002, | | EA | 3 | | | | | | | * | * | | A8A4A6MP48 |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4A6MP48H1 |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4A6MP48H2 |
| P-D | 5355-951-4083 | KNOB: 549-6077-002; (1 3499) | | EA | REF | | | | | | | REF | REF | | A8A4A6P49 |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4A6MP49H1 |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4A6MP49H2 |
| P-D | 5355-951-4083 | KNOB: 549-6077-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4A6MP50 |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4A6MP50H1 |
| P-D | | SETSCREW: MS51053-426; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4A6MP50H2 |
| P-D | | NUT, SLEEVE, NO 1: 549-6025-002; (13499) | | EA | 3 | | | | | | | * | * | | A8A4A6M51 |
| P-D | | SCREW, MACHINE: P342-0026-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4A6MP51H1 |
| P-D | | NUT, SLEEVE, NO 1: 549-6025-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4A6MP51H2 |
| P-D | | SCREW, MACHINE: P342-0026-00000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4A6MP51H3 |
| P-D | | NUT, SLEEVE, NO. 1: 549-6025-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4A6MP52 |
| P-D | | SCREW, MACHINE: P342-0026-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4A6MP52H1 |
| P-D | | NUT, SLEEVE, NO 2: 549-6028-002; (13499) | | EA | 2 | | | | | | | * | * | | A8A4A6MP53 |
| P-D | | SCREW, MACHINE: P342-0026-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4A6MP53H1 |
| P-D | | NUT, SLEEVE, NO. 2: 549-6028-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4A6MP54 |
| P-D | | SCREW, MACHINE: P32-0026-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4A6MP54H1 |
| A-H-T | | PANEL, FRONT, PRESSED: 549-6122-005; (13499) | | EA | 1 | | | | | | | | | | A8A4A6A8 |
| P-D | 5315-881-2253 | PIN, SPRING: MS16562-221; (96906) | | EA | 2 | | | | | | | * | * | | A8A4A6A8MP1 |
| P-D | 5315-881-2255 | PIN, SPRING: MS16562-221; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4A6A8MP2 |
| P-D | 5340-157-7856 | POST, ELECTRICAL-MECHANICAL EQUIPMENT: 553-6329-003; (13499) | | EA | 1 | | | | | | | * | * | | A8A4A6ABMP3 |
| P-D | 5305-455-2549 | SCREW, MACHINE: P342-0023-000; (77250) | | EA | 1 | | | | | | | * | * | | A8A4A6A8MP3H1 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5820-007-9538 | POST, IDLER: 549-6056-002; (13499) | | EA | 3 | | | | | | | * | * | A8A4A6A8MP4 | |
| P-D | | POST, IDLER: 549-6056-002; (13191) | | EA | REF | | | | | | | REF | REF | A8A4A6A8MP5 | |
| P-D | | POST, IDLER: 549-6056-002; (13499) | | EA | REF | | | | | | | REF | REF | A8A4A6A8MP6 | |
| P-D | 5820-187-3932 | POST, IDLER: 549-6056-002; (13499) | | EA | 1 | | | | | | | * | * | A8A4A6A8MP7 | |
| P-D | 5820-976-9776 | PAWL, 12-POSITION, NO. 2-PRESSED: 549-6080-002; (13499) | | EA | 1 | | | | | | | * | * | A8A4A6A9 | |
| X1-D | | PAWL, 12-POSITION: 549-6075-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A9MP1 | |
| X1-D | | PIN, SPRING: MS16562-209; (96906) | | EA | 1 | | | | | | | | | A8A4A6A9MP2 | |
| X1-D | | SPRING, HELICAL, EXTENSION: 500-2179-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A9MP3 | |
| P-D | 5820-976-9777 | PAWL, 12-POSITION, NO. 3-PRESSED: 549-6082-002; (13499) | | EA | 1 | | | | | | | * | * | A8A4A6A10 | |
| X1-D | | PAWL, 12-POSITION: 549-6085-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A10MP1 | |
| X1-D | | PIN, SPRING: MS16562-209; (96906) | | EA | 1 | | | | | | | | | A8A4A6A10MP2 | |
| X1-D | | SPRING, HELICAL, EXTENSION: 756-5247-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A10MP3 | |
| P-D | 5820-976-9775 | PAWL, 12-POSITION, PRESSED: 549-6086-002; (13499) | | EA | 1 | | | | | | | * | * | A8A4A6A11 | |
| X1-D | | PAWL, 12-POSITION: 549-6085-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A11MP1 | |
| X1-D | | PIN, SPRING: MS16562-209; (96906) | | EA | 1 | | | | | | | | | A8A4A6A11MP2 | |
| X1-D | | SPRING, HELICAL, EXTENSION: 500-2179-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A11MP3 | |
| P-D | 5820-006-9735 | PLATE, GEAR, PRESSED: 549-6118-004; (13499) | | EA | 1 | | | | | | | * | * | A8A4A6A12 | |
| P-D | 5305-054-6652 | SCREW, MACHINE: MS51957-28; (96906) | | EA | 5 | | | | | | | REF | REF | A8A4A6A12H5 | |
| P-D | | WASHER, FLAT: 310-0046-000; (79807) | | EA | 1 | | | | | | | REF | REF | A8A4A6A12H1 | |
| P-D | 5310-271-7446 | WASHER, LOCK: 310-0071-000; (79807) | | EA | 5 | | | | | | | REF | REF | A8A4A6A12H5 | |
| X1-D | | PLATE, GEAR 549-6117-004; (13499) | | EA | 1 | | | | | | | | | A8A4A6A12MP1 | |
| X1-D | | POST, KNOB STOP 549-6070-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A12MP2 | |
| P-D | | POST, BINDING 78411; (72825) | | EA | 2 | | | | | | | * | * | A8A4A6E3 | |
| P-D | 5305-206-3716 | SCREW, MACHINE P343-0330-000; (77250) | | EA | 1 | | | | | | | * | * | A8A4A6E3H1 | |
| P-D | 5310-184-8978 | WASHER, LOCK 310-0078-000; (79807) | | EA | 1 | | | | | | | REF | REF | A8A4A6E3H2 | |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5330-618-9563 | WASHER, SEALING: 110-6; (86579) | | EA | 1 | | | | | | | * | | | A8A4A6E3H3 |
| P-D | 5940-258-1836 | POST, BINDING: 7841; (72825) | | EA | REF | | | | | | | REF | REF | | A8A4A6E4 |
| P-D | | SCREW, MACHINE: P343-0330-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4A6E4H1 |
| P-D | 5310-184-8978 | WASHER, LOCK: 310-0078-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A4A6E4H2 |
| P-D | 5330-618-9563 | WASHER, SEALING: 110-6; (86579) | | EA | 1 | | | | | | | REF | REF | | A8A4A6E4H3 |
| P-D | | POST, PIVOT-CENTER KNOB: 549-6076-002; (13499) | | EA | 3 | | | | | | | * | * | | A8A4A6MP55 |
| P-D | 5310-262-6105 | NUT, PLAIN, HEXAGON: P313-0045-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4A6MP55H1 |
| P-D | 5310-271-7446 | WASHER, LOCK: 310-0071-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A4A6MP55H2 |
| P-D | | POST, PIVOT-CENTER KNOB: 549-6076-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4A6MP56 |
| P-D | 5310-262-6105 | NUT, PLAIN, HEXAGON: P313-0045-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4A6MP56H1 |
| P-D | 5310-271-7446 | WASHER, LOCK: 310-0071-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A4A6MP56H2 |
| P-D | | POST, PIVOT-CENTER KNOB: 549-6076-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4A6MP57 |
| P-D | 5310-262-6105 | NUT, PLAIN, HEXAGON: P313-0045-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4A6MP57H1 |
| P-D | 5310-271-7446 | WASHER, LOCK: 310-0071-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A4A6MP57H2 |
| P-D | 5340-602-6075 | RING, RETAINING: MS16624-18; (96906) | | EA | 3 | | | | | | | * | * | | A8A4A6H1 |
| P-D | 5340-602-6075 | RING, RETAINING: MS16624-18; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4A6H2 |
| P-D | 5340-602-6075 | RING, RETAINING: MS16624-18; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4A6H3 |
| P-D | 5340-720-8064 | RING, RETAINING: MS16624-1025; (96906) | | EA | 1 | | | | | | | * | * | | A8A4A6H4 |
| P-D | 5340-634-7444 | RING, RETAINING: MS16632-1018; (96906) | | EA | 4 | | | | | | | * | * | | A8A4A6H5 |
| P-D | 5340-634-7444 | RING, RETAINING: MS16632-1018; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4A6H6 |
| P-D | 5340-634-7444 | RING, RETAINING: MS16632-1018; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4A6H7 |
| P-D | 5340-634-7444 | RING, RETAINING: MS16632-1018; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4A6H8 |
| P-D | 5340-200-3475 | RING, RETAINING: 5133-18C; (79136) | | EA | 6 | | | | | | | * | * | | A8A4A6H9 |
| P-D | 5340-200-3475 | RING, RETAINING: 5133-18C; (79136) | | EA | REF | | | | | | | REF | REF | | A8A4A6H10 |
| P-D | 5340-200-3475 | RING, RETAINING: 5133-18C; (79136) | | EA | REF | | | | | | | REF | REF | | A8A4A6H11 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5340-200-3475 | RING, RETAINING: 5133-18C; (T9136) | | EA | REF | | | | | | | REF | REF | A8A4A6H12 | |
| P-D | 5340-200-3475 | RING, RETAINING: 5133-18C; (79136) | | EA | REF | | | | | | | REF | REF | A8A4A6H13 | |
| P-D | 5340-200-3475 | RING, RETAINING: 5133-18C; (79136) | | EA | REF | | | | | | | REF | REF | A8A4A6H14 | |
| P-D | 5305-984-2144 | SCREW, EYE: 549-6081-002; (13499) | | EA | 3 | | | | | | | * | * | A8A4A6MP58 | |
| P-D | 5305-984-2144 | SCREW, EYE: 549-6081-002; (13499) | | EA | REF | | | | | | | REF | REF | A8A4A6MP59 | |
| P-D | 5305-984-2144 | SCREW, EYE: 549-6081-002; (13499) | | EA | REF | | | | | | | REF | REF | A8A4A6MP60 | |
| M-D | | SHIELD, METER: 549-6114-003; (13499) | | EA | 1 | | | | | | | | | A8A4A6E5 | |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | 4 | | | | | | | REF | REF | A8A4A6E5H1 | |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | A8A4A6E5H2 | |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | A8A4A6E5H3 | |
| P-D | | SCREW, SELF-LOCKING: LP51959-13M; (03038) | | EA | REF | | | | | | | REF | REF | A8A4A6E5H4 | |
| P-D | 5820-089-4996 | STOP ASSEMBLY, DIAL: 553-9737-003; (13499) | | EA | 1 | | | | | | | * | * | A8A4A6A13 | |
| P-D | | STUD, SHOULDERED: 553-9732-002; (13499) | | EA | 1 | | | | | | | * | * | A8A4A6A13H1 | |
| X1-D | | PIN, GROOVED, HEADLESS: GP4-062X0250-50; (73957) | | EA | 2 | | | | | | | | | A8A4A6A13MP1 | |
| X1-D | | PIN, GROOVED, HEADLESS: GP4-062X0250-50; (73957) | | EA | REF | | | | | | | | | A8A4A6A13MP2 | |
| X1-D | | PLATE, SUPPORT-STOP: 553-9736-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A13MP3 | |
| X1-D | | STOP, DIAL: 553-9735-002; (13499) | | EA | 1 | | | | | | | | | A8A4A6A13MP4 | |
| P-D | 5940-156-7344 | TERMINAL, LUG: 2104-06-02-2520N; (78189) | | EA | 1 | | | | | | | * | * | A8A4A6E6 | |
| P-D | 5340-124-3383 | WASHER: 543-5656-003; (13499) | | EA | 3 | | | | | | | * | * | A8A4A6H15 | |
| P-D | 5340-124-3383 | WASHER: 543-5656-003; (13499) | | EA | REF | | | | | | | REF | REF | A8A4A6H16 | |
| P-D | 5340-124-3383 | WASHER: 543-5656-003; (13499) | | EA | REF | | | | | | | REF | REF | A8A4A6H17 | |
| M-D | | PLATE, CHART: 553-9773-002; (13499) | | EA | 1 | | | | | | | | | A8A4MP53 | |
| P-D | 5305-439-2737 | SCREW, MACHINE: P343 3-0018-000; (77250) | | EA | 4 | | | | | | | * | * | A8A4MP53H1 | |
| P-D | | SCREW, MACHINE: P343-0018-000; (77250) | | EA | REF | | | | | | | REF | REF | A8A4MP53H2 | |
| P-D | | SCREW, MACHINE: P343-0018-000; (77250) | | EA | REF | | | | | | | REF | REF | A8A4MP53H3 | |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | | SCREW, MACHINE: P33-0018-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4MP53H4 |
| P-D | | PLATE, COVER: 549-6135-002; (13199) | | EA | 1 | | | | | | | | | | A8A4MP54 |
| P-D | 5305-721-3842 | SCREW, MACHINE: P342-0024-000; (77250) | | EA | 4 | | | | | | | * | * | | A8A4MP54H1 |
| P-D | 5305-721-3842 | SCREW, MACHINE: P342-0024-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4MP54H2 |
| P-D | 5305-721-3842 | SCREW, MACHINE: P342-0024-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4MP54H3 |
| P-D | 5305-724-3842 | SCREW, MACHINE: P342-0024-00; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4MP54H4 |
| P-D | | PLATE, GEAR-REAR ROLLED: 549-6217-003; (13499) | | EA | 1 | | | | | | | * | * | | A8A4KP55 |
| P-D | 5305-054-6650 | SCREW, MACHINE: MS51957-26; (96906) | | EA | 6 | | | | | | | REF | REF | | A8A4MP55H1 |
| P-D | 5305-054-6650 | SCREW, MACHINE: MS51957-26; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4MP55H2 |
| P-D | 5305-054-6650 | SCREW, MACHINE: MS51957-26; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4MP55H3 |
| P-D | 5305-054-6650 | SCREW, MACHINE: MS51957-26; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4MP55H4 |
| P-D | 5305-054-6650 | SCREW, MACHINE: MS51957-26; (96906) | | EA | REF | | | | | | | REF | REF | | ABA4MP55H5 |
| P-D | 5305-054-6650 | SCREW, MACHINE: MS51957-26; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4MP55H6 |
| P-D | | PLATE, HEAT TRANSFER: 58-9319-002; (13499) | | EA | 2 | | | | | | | | | | A8A4MP56 |
| M-D | | PLATE, HEAT TRANSFER: 548-9319-002; (13;99) | | EA | REF | | | | | | | | | | A8A4MP57 |
| P-D | 6210-736-7715 | REFLECTOR, LIGHT: 548-79080002; (13499) | | EA | 2 | | | | | | | * | * | | A8A4MP58 |
| P-D | 6210-736-7715 | REFLECTOR, LIGHT: 5&8-7908-002; (13499) | | EA | REF | | | | | | | REF | REF | | ABA4MP59 |
| P-D | 5945-105-4267 | RELAY, ARMATURE: 3SBF1054A2; (01526) | | EA | 1 | | | | | | | * | * | | A8A4K6 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | 2 | | | | | | | REF | REF | | A8A4K6H1 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | REF | | | | | | | REF | REF | | A8A4K6H2 |
| P-D | | SCREW, MACHINE: P330-2291-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4K6H3 |
| P-D | | SCREW, MACHINE: P330-2291-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4K6H4 |
| P-D | 5310-782-1349 | WASHER, FLAT: 310-0045-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A4K6H5 |
| P-D | 5945-889-1179 | RELAY, ARMATURE: RB1J26D1018; (73905) | | EA | 1 | | | | | | | * | * | | A8A4K101 |
| P-D | 5945-153-8304 | RELAY, ARMATURE: BRX300D2S2-26V; (09026) | | EA | 1 | | | | | | | | | | A8A4K2 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5310-262-6105 | NUT, PLAIN, HEXAGON: P313-0045-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4K2H1 |
| P-D | 5310-262-6105 | NUT, PLAIN, HEXAGON: P313-0045-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4K2H2 |
| P-D | 5305-763-6963 | SCREW, MACHINE: MS51959-28; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4K2H3 |
| P-D | 5305-763-6963 | SCREW, MACHINE: MS51959-28; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4K2H4 |
| P-D | 5310-271-7446 | WASHER, LOCK, SPLIT: 310-0071-000; (79807) | | EA | 2 | | | | | | | REF | REF | | A8A4K2H5 |
| P-D | 5310-271-7446 | WASHER, LOCK, SPLIT: 310-0071-000; (79807) | | EA | REF | | | | | | | REF | REF | | A8A4K2H6 |
| P-D | 5945-983-9145 | RELAY, ARMATURE: 3SAF1242; (01526) | | EA | 4 | | | | | | | * | * | 3-67 | A8A4K1 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | 2 | | | | | | | REF | REF | | A8A4K1H1 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | REF | | | | | | | REF | REF | | A8A4K1H2 |
| P-D | 5305-059-7189 | SCREW, MACHINE: P330-2292-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4K1H3 |
| P-D | 5305-059-7189 | SCREW, MACHINE: P330-2292-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4K1H4 |
| P-D | 5945-983-9145 | RELAY, ARMATURE: 3SAF1242; (01526) | | EA | REF | | | | | | | REF | REF | 3-67 | A8A4K4 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | 2 | | | | | | | REF | REF | | A8A4K4H1 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | REF | | | | | | | REF | REF | | A8A4K4H2 |
| P-D | | SCREW, MACHINE: P330-2292-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4K4H3 |
| P-D | | SCREW, MACHINE: P330-2292-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4K4H4 |
| P-D | 5945-983-9145 | RELAY, ARMATURE: 3SAF1242; (01526) | | EA | REF | | | | | | | REF | REF | 3-67 | A8A4K3 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | 2 | | | | | | | REF | REF | | A8A4K3H1 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | REF | | | | | | | REF | REF | | A8A4K3H2 |
| P-D | | SCREW, MACHINE: P330-2292-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4K3H3 |
| P-D | | SCREW, MACHINE: P330-2292-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4K3H4 |
| P-D | 5945-983-9145 | RELAY, ARMATURE: 3SAF1242; (01526) | | EA | REF | | | | | | | REF | REF | 3-67 | A8A4K5 |
| P-D | 5305-054-5649 | SCREW, MACHINE: MS51957-15; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4K5H1 |
| P-D | 5305-054-5649 | SCREW, MACHINE: MS51957-15; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4K5H2 |
| P-D | | WASHER, LOCK: MS35338-135; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4K5H3 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | | WASHER, LOCK: MS35338-135; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4K5H4 |
| P-D | 5945-889-1180 | RELAY, ARMATURE: 3SAC1025; (01526) | | EA | 1 | | | | | | | * | * | 3-65 | A8A4K102 |
| P-D | 5310-275-0889 | NUT, PLAIN, HEXAGON: P313-0132-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4K102H1 |
| P-D | 5310-275-0889 | NUT, PLAIN, HEXAGON: P313-0132-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4K102H2 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4K102H3 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4K102H4 |
| P-D | 5310-058-2949 | WASHER, LOCK: 310-0278-000; (70318) | | EA | 2 | | | | | | | REF | REF | | A8A4K102H5 |
| P-D | 5310-058-2949 | WASHER, LOCK: 310-0278-000; (70318) | | EA | REF | | | | | | | REF | REF | | A8A4K102H6 |
| P-D | 5905-228-6088 | RESISTOR, FIXED, COMPOSITION: RCR32G331K5; (81349) | | EA | 1 | | | | | | | * | * | | A8A4R9 |
| P-D | 5905-247-8732 | RESISTOR, FIXED COMPOSITION: RCR32G471K5; (81349) | | EA | 1 | | | | | | | * | * | | A8A4R120 |
| P-D | 5905-104-8355 | RESISTOR, FIXED, COMPOSITION RCR32G561K5; (81349) | | EA | 1 | | | | | | | * | * | | A8A4R125 |
| P-D | | RESISTOR, FIXED, COMPOSITION RCR32G153K5; (81349) | | EA | 2 | | | | | | | * | * | | A8A4R24 |
| P-D | | RESISTOR, FIXED, COMPOSITION RCR32G153K5; (81349) | | EA | REF | | | | | | | REF | REF | | A8A4R25 |
| P-D | 5905-484-0278 | RESISTOR, FIXED, COMPOSITION RCR32G335K5; (81349) | | EA | 3 | | | | | | | * | * | 3-64 | A8A4R112 |
| P-D | 5905-484-0278 | RESISTOR, FIXED, COMPOSITION RCR32G335K5; (81349) | | EA | REF | | | | | | | REF | REF | 3-64 | A8A4R113 |
| P-D | 5905-484-0278 | RESISTOR, FIXED, COMPOSITION RCR32G335K5; (81349) | | EA | REF | | | | | | | REF | REF | 3-64 | A8A4R114 |
| P-D | | RESISTOR, FIXED, COMPOSITION RC42GF181K; (81349) | | EA | 1 | | | | | | | * | * | | A8A4R6 |
| P-D | | RESISTOR, FIXED, COMPOSITION RC42CF331K; (81349) | | EA | 1 | | | | | | | * | * | | A8A4R10 |
| P-D | 5905-988-2313 | RESISTOR, FIXED, FILM RN60D1211F; (81349) | | EA | 1 | | | | | | | * | * | 3-67 | A8A4R127 |
| P-D | 5905-985-5465 | RESISTOR, FIXED, FILM RN60D1962F; (81349) | | EA | 1 | | | | | | | REF | REF | 3-67 | A8A4R126 |
| P-D | 5905-952-9232 | RESISTOR, FIXED, WIREWOUND RE70G4751; (81349) | | EA | 1 | | | | | | | * | * | 3-67 | A8A4R8 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON 68-1660-40; (72962) | | EA | 2 | | | | | | | REF | REF | | A8A4R8H1 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON 68-1660-40; (72962) | | EA | REF | | | | | | | REF | REF | | A8A4R8H2 |
| P-D | 5305-801-9932 | SCREW, MACHINE P330-2291-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4R8H3 |
| P-D | 5305-801-9932 | SCREW, MACHINE P330-2291-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4R8H4 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-H-T | 5820-977-1566 | RESISTOR-SWITCH ASSEMBLY: 549-6229-003; (13499) | | EA | 1 | | | | * | * | * | * | * | | A8A4A7 |
| P-D | | BOOT, DUST AND MOISTURE SEAL: R9030-1-4; (97539) | | EA | 1 | | | | | | | * | * | | A8A4A7H1 |
| P-D | 5310-167-0837 | WASHER: AN960-616L; (88044) | | EA | 1 | | | | | | | * | * | | A8A4A7H2 |
| X1-D | | RESISTOR, FIXED COMPOSITION: RCRO20G102KS; (81349) | | EA | 1 | | | | | | | | | | A8A4A7R118 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR32G104KS; (81349) | | EA | 1 | | | | | | | | | | A8A4A7R107 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RC42GF104K; (81349) | | EA | 3 | | | | | | | | | | A8A4A7R105 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RC42GF104K; (81349) | | EA | REF | | | | | | | | | | A8A4A7R106 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RC42GF104K; (81349) | | EA | REF | | | | | | | | | | A8A4A7R128 |
| X1-D | | RESISTOR-SWITCH SUBASSEMBLY: 549-6194-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A7A1 |
| X1-D | | WASHER, FLAT: 310-0045-000; (79807) | | EA | 4 | | | | | | | | | | A8A4A7A1H1 |
| X1-D | | NUT, PLAIN, HEXAGON: P313-0132-000; (77250) | | EA | 4 | | | | | | | | | | A8A4A7A1H2 |
| X1-D | | BOARD, TERMINAL, RIVETED: 549-6193-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A7A1E1 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 20C95; (56289) | | EA | 1 | | | | | | | | | | A8A4A7A1C106 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: CK13BX103M; (81349) | | EA | 1 | | | | | | | | | | A8A4A7A1C107 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR20G47LKS; (81349) | | EA | 1 | | | | | | | | | | A8A4A7A1R129 |
| X1-D | | RESISTOR, VARIABLE, COMPOSITION: G3629; (01121) | | EA | 1 | | | | | | | | 3-65 | | A8A4A7A1R117 |
| X1-D | | NUT, PLAIN, HEXAGON: P334-0253-00; (77250) | | EA | 1 | | | | | | | | | | A8A4A7A1R117H1 |
| X1-D | | WASHER, LOCK: 1714-05; (78189) | | EA | 1 | | | | | | | | | | A8A4A7A1R117H2 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: IM3287; (07688) | | EA | 1 | | | | | | | | | | A8A4A7A1CR103 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: JAN1N663; (81350) | | EA | 1 | | | | | | | | | | A8A4A7A1CR102 |
| X1-D | | SHAFT, SHOULDERED-RESISTOR: 549-6191-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A7MP1 |
| X1-D | | SWITCH, ROTARY: 225251N2C; (76854) | | EA | 1 | | | | | | | | | | A8A4A7S103 |
| P-D | | RESISTOR, VARIABLE, WIRE WOUND: 44968-50; (44655) | | EA | 1 | | | | | | | * | * | 3-65 | A8A4R121 |
| P-D | | NUT, PLAIN, HEXAGON: P334-0253-00; (77250) | | EA | 1 | | | | | | | * | * | | A8A4R121H1 |
| P-D | | WASHER, SPRING, TENSION: 310-0082-000; (79807) | | EA | 1 | | | | | | | * | * | | A8A4R121H2 |

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5340-598-1300 | RING, RETAINING: 5133-25C; (79136) | | EA | 2 | | | | | | | * | * | | A8A4H1 |
| P-D | 5340-598-1300 | RING, RETAINING: 5133-25C; (79136) | | EA | REF | | | | | | | REF | REF | | A8A4H2 |
| P-D | 5340-205-6694 | RING, RETAINING: 5133-6C; (79136) | | EA | 4 | | | | | | | * | * | | A8A4H3 |
| P-D | 5340-205-6694 | RING, RETAINING: 5133-6C; (79136) | | EA | REF | | | | | | | REF | REF | | A8A4H4 |
| P-D | 5340-205-6694 | RING, RETAINING: 5133-6C; (79136) | | EA | REF | | | | | | | REF | REF | | A8A4H5 |
| P-D | 5340-205-6694 | RING, RETAINING: 5133-6C; (79136) | | EA | REF | | | | | | | REF | REF | | A8A4H6 |
| P-D | 5820-984-2139 | SEMICONDUCTOR DEVICE-RESISTOR ASSEMBLY: 549-6126-002; (13499) | | EA | 1 | | | | | | | * | * | | A8A4A15 |
| P-D | | WASHER, FLAT: 310-6325-000; (79807) | | EA | 2 | | | | | | | REF | REF | | A8A4A15H2 |
| P-D | | WASHER, LOCK, SPRING: MS35338-135; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4A15H2 |
| P-D | 5305-054-5649 | SCREW, MACHINE: MS51957-15; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4A15H2 |
| X1-D | | BOARD, TERMINAL, NO. 2-PRESSED: 549-6205-003; (13499) | | EA | 1 | | | | | | | | | | A8A4A15E1 |
| X1-D | | RESISTOR, FIXED, COMPOSITION: RCR20G472KS; (81349) | | EA | 1 | | | | | | | | | | A8A4A15R16 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3639; (07688) | | EA | 4 | | | | | | | | | | A8A4A15CR3 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3639; (07688) | | EA | REF | | | | | | | | | | A8A4A15CR4 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3639; (07688) | | EA | REF | | | | | | | | | | A8A4A15CR5 |
| X1-D | | SEMICONDUCTOR DEVICE, DIODE: 1N3639; (07688) | | EA | REF | | | | | | | | | | A8A4A15CR6 |
| M-D | | SHAFT, SHOULDERED-SWITCH: 549-6195-002; (13499) | | EA | 1 | | | | | | | | | | A8A4MP60 |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 340-0642-00; (91314) | | EA | 21 | | | | | | | | | | A8A4MP61 |
| P-D | 5305-922-6281 | SCREW, MACHINE: P347-005-000; (77250) | | EA | 1 | | | | | | | * | * | | A8A4MP61H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP61H2 |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 340-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP62 |
| P-D | 5305-660-2196 | SCREW, MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP62H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP62H2 |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 340-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP63 |
| P-D | 5305-660-2196 | SCREW, MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP63H1 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP63H2 |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 340-0662-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP64 |
| P-D | | SCREW, MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP64H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP64H2 |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 340-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP65 |
| P-D | | SCREW, MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP65H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP65H2 |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 340-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP66 |
| P-D | | SCREW, MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP66H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP66H2 |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 340-0642-00; (9131) | | EA | REF | | | | | | | | | | A8A4MP67 |
| P-D | | SCREW, MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP67H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP67H2 |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 3k0-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP68 |
| P-D | | SCREW, MACHINE: P347-0056-000; (77250) | | E, | 1 | | | | | | | REF | REF | | A8A4MP68H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (9690 6) | | EA | 1 | | | | | | | REF | REF | | A8A4MP68H2 |
| M-D | 5310-695-2558 | SLEEVE, SPRING: 340-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP69 |
| P-D | | SCREW, MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP69H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP69H2 |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 340-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP70 |
| P-D | | SCREW, MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP70H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP70H2 |
| M-D | 5310-695-2558 | SLEEVE, SPRING: 340-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP71 |
| P-D | | SCREW, MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP71H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP71H2 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 340-0612-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP72 |
| P-D | 5305-660-2196 | SCREW, MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP72H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP72H2 |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 340-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP73 |
| P-D | 5305-660-2196 | SCREW, MACHINE: P347-0056--00; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP73H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP73H2 |
| M-D | 5340-695-2558 | SLEEVE SPRING: 340-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP74 |
| P-D | 5305-660-2196 | SCREW, MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP74H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP74H2 |
| M-D | 5340-695-2558 | SLEEVE, SPRING 340-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP75 |
| P-D | 5305-660-2196 | SCREW, MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP75H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP75H2 |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 340-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP76 |
| P-D | 5305-660-2196 | SCREW, MACHINE: P347-0056-000; (7 7250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP76H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP76H2 |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 340-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP77 |
| P-D | 5305-660-2196 | SCREW, MACHINE: P37-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP77H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP77H2 |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 340-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP78 |
| P-D | 5305-660-2196 | SCREW, MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP78H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP78H2 |
| K-D | 5340-695-2558 | SLEEVE, SPRING: 340-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP79 |
| P-D | 5305-660-2196 | SCREW , MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP79H1 |
| P-D | 5310-933-8119 | WASHER. LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP79H2 |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 340-0642-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP80 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5305-660-2196 | SCREW, MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP80H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP80H2 |
| M-D | 5340-695-2558 | SLEEVE, SPRING: 3400-062-00; (91314) | | EA | REF | | | | | | | | | | A8A4MP81 |
| P-D | 5305-660-2196 | SCREW, MACHINE: P347-0056-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4MP81H1 |
| P-D | 5310-933-8119 | WASHER, LOCK, SPLIT: MS35338-137; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4MP81H2 |
| P-D | 5940-056-8696 | SOLDER, SLEEVE: D144-01; (08795) | | EA | 2 | | | | | | | * | * | | A8A4MP82 |
| P-D | 5940-056-8696 | SOLDER, SLEEVE: D144-01; (08795) | | EA | REF | | | | | | | REF | REF | | A8A4MP83 |
| M-D | | SPACER, PLATE-RELAY: 549-6149-002; (13499) | | EA | 1 | | | | | | | | | | A8A4MP84 |
| M-D | | SPACER, SLEEVE: 541-6017-002; (13499) | | EA | 6 | | | | | | | | | | A8A4MP85 |
| M-D | | SPACER, SLEEVE: 541-6017-002; (13499) | | EA | REF | | | | | | | | | | A8A4MP85A |
| M-D | | SPACER, SLEEVE: 541-6017-002; (13499) | | EA | REF | | | | | | | | | | A8A4MP86 |
| M-D | | SPACER, SLEEVE: 541-6017-002; (13499) | | EA | REF | | | | | | | | | | A8A4MP87 |
| M-D | | SPACER, SLEEVE: 541-6017-002; (13499) | | EA | REF | | | | | | | | | | A8A4MP88 |
| M-D | | SPACER, SLEEVE: 541-6017-002; (13499) | | EA | REF | | | | | | | | | | A8A4MP89 |
| P-D | 5820-984-1798 | SPRING ASSEMBLY: 549-6102-002; (13499) | | EA | 2 | | | | | | | * | * | | A8A4MP90 |
| P-D | | SCREW, MACHINE: P342-0165-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4MP90H1 |
| P-D | | SCREW, MACHINE: P342-0165-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4MP90H2 |
| P-D | 5820-984-1798 | SPRING SUBASSEMBLY: 549-6102-002; (13499) | | EA | REF | | | | | | | REP | REF | | A8A4MP91 |
| P-D | | SCREW, MACHINE: P342-0165-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4MP91H1 |
| P-D | | SCREW, MACHINE: P342-0165-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4MP91H2 |
| M-D | 5841-514-2298 | SPRING, HELICAL COMPRESSION: 340-0127-000; (91314) | | EA | 4 | | | | | | | | | | A8A4MP92 |
| M-D | 5841-514-2298 | SPRING, HELICAL COMPRESSION: 340-0127-000; (91314) | | EA | REF | | | | | | | | | | A8A4MP93 |
| M-D | 5841-514-2298 | SPRING, HELICAL COMPRESSION: 340-0127-000; (91314) | | EA | REF | | | | | | | | | | A8A4MP94 |
| M-D | 5841-514-2298 | SPRING, HELICAL COMPRESSION: 340-0127-000; (91314) | | EA | REF | | | | | | | | | | A8A4MP95 |
| P-D | 5930-999-9195 | SWITCH, PUSH: PM6; (04009) | | EA | 1 | | | | | | | * | * | | A8A483 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5930-893-1928 | BOX, MINIATURE PUSH-BUTTON: N5040R, (97539) | | EA | 1 | | | | | | | * | * | | A8A4S3H1 |
| P-D | | WASHER: 500-1065-003, (13499) | | EA | 1 | | | | | | | * | * | | A8A4S3H2 |
| P-D | 5930-981-5868 | SWITCH, ROTARY: 213923FIX; (76854) | | EA | 1 | | | | | | | * | * | | A8A4S1 |
| P-D | 5975-987-8829 | BOOT, DUST AND .MOISTURE SEAL: N9033-1-4, (97539) | | EA | 1 | | | | | | | REF | REF | | A8A4S1H1 |
| P-H-T | 5820-104-9512 | SWITCH, ROTARY: 549-6232-004; (13499) | | EA | 1 | | | | * | * | * | * | * | | A8A4A16 |
| P-D | 5310-275-0889 | NUT, PLAIN, HEXAGON: P313-0132-000, (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4A16H2 |
| P-D | | NUT, PLAIN, HEXAGON: P313-0156-000, (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4A16H2 |
| P-D | 5305-719-5064 | SCREW, MACHINE: MS51959-30; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4A16H2 |
| P-D | 5305-938-4044 | SCREW, MACHINE: P342-0152-000; (T7250) | | EA | 1 | | | | | | | REF | REF | | A8A4A16H1 |
| P-D | 5305-801-9932 | SCREW, MACHINE: P330-2291-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4A16H2 |
| P-D | 5305-151-1320 | SCREW, MACHINE: P342-0153-000; (77250) | | EA | 1 | | | | | | | * | * | | A8A4A16H1 |
| P-D | 5310-782-1349 | WASHER, FLAT: 310-0045-000, (79807) | | EA | REF | | | | | | | REF | REF | | A8A4A16H2 |
| P-D | 5310-591-3416 | WASHER, FLAT: 310-0054-000; (79807) | | EA | 2 | | | | | | | * | * | | A8A4A16H2 |
| P-D | 5310-058-2949 | WASHER, LOCK: 310-0278-000; (70318) | | EA | 2 | | | | | | | REF | REF | | A8A4A16H2 |
| P-D | 5310-685-1971 | WASHER, SPRING TENSION: 310-0396-00; (70807) | | EA | 2 | | | | | | | REF | REF | | A8A4A16H2 |
| X1-D | | BOARD, TERMINAL, PRESSED: 549-6223-003- (13499) | | EA | 1 | | | | | | | | | | A8A4A16E1 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 850S100N; (71590) | | EA | 1 | | | | | | | | | 3-64 | A8A4A16C115 |
| X1-D | | SCREW, MACHINE: P343-0328-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16C115H1 |
| X1-D | | WASHER, LOCK: 310-0078-000; (79807) | | EA | 1 | | | | | | | | | | A8A4A16C115H2 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 850S50Z, (71590) | | EA | 2 | | | | | | | | | 3-64 | A8A4A16C116 |
| X1-D | | SCREW, MACHINE: P343-0328-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16C116H1 |
| X1-D | | WASHER, LOCK: 310-0078-000; (79807) | | EA | 1 | | | | | | | | | | A8A4A16C116H2 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 850S50Z; (71590) | | EA | REF | | | | | | | | | 3-64 | A8A4A16C117 |
| X1-D | | SCREW, MACHINE: P343-0328-000, (77250) | | EA | 1 | | | | | | | | | | A8A4A16C117H1 |
| X1-D | | WASHER, LOCK: 310-0078-000; (79807) | | EA | 1 | | | | | | | | | | A8A4A16C117H2 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 850S40Z; (71590) | | EA | 1 | | | | | | | | | 3-64 | A8A4A16C118 |
| X1-D | | SCREW, MACHINE: P343-0328-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16C118H1 |
| X1-D | | WASHER, LOCK: 310-0078-000; (79807) | | EA | 1 | | | | | | | | | | A8A4A16C118H2 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 850S20Z; (71590) | | EA | 3 | | | | | | | | | 3-64 | A8A4A16C118 |
| X1-D | | SCREW, MACHINE: P343-0328-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16C119H1 |
| X1-D | | WASHER, LOCK: 310-0078-000; (79807) | | EA | 1 | | | | | | | | | | A8A4A16C119H2 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 850520Z; (71590) | | EA | REF | | | | | | | | | 3-64 | A8A4A16C120 |
| X1-D | | SCREW, MACHINE: P343-0328-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16C120H1 |
| X1-D | | WASHER, LOCK: 310-0078-000; (79807) | | EA | 1 | | | | | | | | | | A8A4A16C120H2 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 850200Z; (71590) | | EA | REF | | | | | | | | | 3-64 | A8A4A16C121 |
| X1-D | | SCREW, MACHINE: P343-0328-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16C121H1 |
| X1-D | | WASHER, LOCK: 310-0078-000; (79807) | | EA | 1 | | | | | | | | | | A8A4A16C121H2 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: AG5-1-1-2Z; (00656) | | EA | 1 | | | | | | | | | 3-64 | A8A4A16C105 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: 2DHT55T209CAA; (71590) | | EA | 1 | | | | | | | | | 3-64 | A8A4A16C124 |
| X1-D | | CAPACITOR, FIXED, CERAMIC: HTS17-3000Z; (00656) | | EA | 1 | | | | | | | | | 3-64 | A8A4A16C144 |
| X1-D | | CAPACITOR, FIXED, MICA: MHW5455E151JQ; (00853) | | EA | 5 | | | | | | | | | 3-64 | A8A4A16C109 |
| X1-D | | SCREW, MACHINE: P343-0382-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16C109H1 |
| X1-D | | WASHER, LOCK: 310-0395-00; (79807) | | EA | 1 | | | | | | | | | | A8A4A16C109H2 |
| X1-D | | CAPACITOR, FIXED, MICA: MHW5555E151JQ; (00853) | | EA | REF | | | | | | | | | 3-64 | A8A4A16C111 |
| X1-D | | SCREW, MACHINE: P343-0382-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16C111H1 |
| X1-D | | WASHER, LOCK 310-0395-00; (79807) | | EA | 1 | | | | | | | | | | A8A4A16C111H2 |
| X1-D | | CAPACITOR, FIXED, MICA MRW5455E151JQ; (00853) | | EA | REF | | | | | | | | | 3-64 | A8A4A16C112 |
| X1-D | | SCREW, MACHINE P343-0382-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16C112H1 |
| X1-D | | WASHER, LOCK 310-0395-00; (7 9807) | | EA | 1 | | | | | | | | | | A8A4A16C112H2 |
| X1-D | | CAPACITOR, FIXED, MICA MHWS55E151JQ; (00853) | | EA | REF | | | | | | | | | 3-64 | A8A4A16C113 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | SCREW, MACHINE: P343-0382-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16C113H1 |
| X1-D | | WASHER, LOCK: 310-0395-00; (79807) | | EA | 1 | | | | | | | | | | A8A4A16C113H2 |
| X1-D | | CAPACITOR, FIXED, MICA: MHWS55E1S1JQ; (00853) | | EA | REF | | | | | | | | 3-64 | | A8A4A16C114 |
| X1-D | | SCREW, MACHINE: P343-0382-000; (T7250) | | EA | 1 | | | | | | | | | | A8A4A16C114H1 |
| X1-D | | WASHER, LOCK: 310-0395-00; (7980 7) | | EA | 1 | | | | | | | | | | A8A4A16C114H2 |
| X1-D | | CAPACITOR, FIXED, MICA: MHWS5455E5S1JQ; (00853) | | EA | 2 | | | | | | | | 3-64 | | A8A4A16C108 |
| X1-D | | SCREW, MACHINE: P343-0382-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16C108H1 |
| X1-D | | WASHER, LOCK: 310-0395-00; (79807) | | EA | 1 | | | | | | | | | | A8A4A16C108H2 |
| X1-D | | CAPACITOR, FIXED, MICA: MHW5455E501JQ; (00853) | | EA | REF | | | | | | | | 3-64 | | A8A4A16C110 |
| X1-D | | SCREW, MACHINE: P343-0382-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16C110H1 |
| X1-D | | WASHER, LOCK: 310-0395-00; (79807) | | EA | 1 | | | | | | | | | | A8A4A16C110H2 |
| X1-D | | CAP. PLATE: SA91; (07886) | | EA | 1 | | | | | | | | | | A8A4A16MP1 |
| X1-D | | DEFLECTOR, AIR, ROLLED: 553-2413-003; (13499) | | EA | 1 | | | | | | | | | | A8ARA16MP2 |
| X1-D | | POST, ELECTRICAL-MECHANICAL: 540-9223-003; (13499) | | EA | 2 | | | | | | | | | | A8A4A16MP3 |
| X1-D | | POST, ELECTRICAL-MECHANICAL: 540-9223-003; (13499) | | EA | REF | | | | | | | | | | A8A4A16MP4 |
| X1-D | | POST, ELECTRICAL-MECHANICAL: 540-9229-003; (13499) | | E1 | 2 | | | | | | | | | | A8A4A16MP5 |
| X1-D | | WASHER, NONMETALLIC: 302-0024-000; (052b8) | | EA | 1 | | | | | | | | | | A8A4A16MP5H1 |
| X1-D | | POST, ELECTRICAL-MECHANICAL: 540-9229-003; (13499) | | EA | REF | | | | | | | | | | A8A4A16MP6 |
| X1-D | | WASHER, NONMETALLIC: 302-0024-000; (05284) | | EA | 1 | | | | | | | | | | A8A4A16MP6H1 |
| X1-D | | RETAINER, CAPACITOR. 549-6197-002; (13499) | | EA | 1 | | | | | | | | | | A8A4A16MP7 |
| X1-D | | SCREW, MACHINE P343-0330-000; (77250) | | EA | 2 | | | | | | | | | | A8A4A16MP7H1 |
| X1-D | | SCREW, MACHINE P343-0330-000; (77250) | | EA | REF | | | | | | | | | | A8A4A16MP7H2 |
| X1-D | | WASHER, LOCK 310-0078-000; (79807) | | EA | 2 | | | | | | | | | | A8A4A16MP7H3 |
| X1-D | | WASHER, LOCK 310-0078-000; (79807) | | EA | REF | | | | | | | | | | A8A4A16MP7H4 |
| X1-D | | SPACER, SLEEVE 541-6038-002; (13499) | | EA | 2 | | | | | | | | | | A8A4A16MP8 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | STUD, CONTINUOUS THREAD: P312-0088-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16MP8H1 |
| X1-D | | WASHER, NONMETALLIC: 302-0024-000; (05284) | | EA | 1 | | | | | | | | | | A8A4A16MP8H2 |
| X1-D | | SPACER, SLEEVE: 541-6038-002; (13499) | | EA | REF | | | | | | | | | | A8A4A16MP9 |
| X1-D | | STUD, CONTINUOUS THREAD: P312-0088-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16MP9H1 |
| X1-D | | WASHER, NONMETALLIC: 302-002-000000; (05284) | | EA | 1 | | | | | | | | | | A8A4A16MP9H2 |
| X1-D | | SPACER, SLEEVE: 541-6039-002; (13499) | | EA | 2 | | | | | | | | | | A8A4A16P10 |
| X1-D | | WASHER, NONMETALLIC: 302-0024-000; (05284) | | EA | 2 | | | | | | | | | | A8A4A16MP10H1 |
| X1-D | | WASHER, NONMETALLIC: 302-002-000; (05284) | | EA | REF | | | | | | | | | | A8A4A16MP10H2 |
| X1-D | | SPACER, SLEEVE: 541-6039-002; (13499) | | EA | REF | | | | | | | | | | A8A4A16MP11 |
| X1-D | | WASHER, NONMETALLIC: 302-0024-000; (05284) | | EA | 2 | | | | | | | | | | A8A4A16MP11H1 |
| X1-D | | WASHER, NONMETALLIC: 302-0024-000; (05284) | | EA | REF | | | | | | | | | | A8A4A16MP11H2 |
| X1-D | | SUPPRESSER, PARASITIC: 549-6198-002; (13499) | | EA | 1 | | | | | | | | 3-64 | | A8A4A16104-R110 |
| X1-D | | SWITCH SECTION, ROTARY, POWER: PA234-026; (71590) | | EA | 2 | | | | | | | | 3-64 | | A8A4A16S101A |
| X1-D | | SWITCH SECTION, ROTARY: PA234-026; (71590) | | EA | REF | | | | | | | | 3-64 | | A8A4A16S101B |
| X1-D | | TERMINAL, LUG: 2504-04-00-2220N; (78189) | | EA | 1 | | | | | | | | | | A8A4A16E2 |
| X1-D | | TERMINAL, LUG: 2104-06-02-2520N; (78189) | | EA | 7 | | | | | | | | | | A8A4A16E3 |
| X1-D | | SCREW, MACHINE: P343-0327-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16E3H1 |
| X1-D | | WASHER, LOCK: 1806-00; (78189) | | EA | 1 | | | | | | | | | | A8A4A16E3H2 |
| X1-D | | TERMINAL, LUG: 2104-06-02-2520; (78189) | | EA | REF | | | | | | | | | | A8A4A16E4 |
| X1-D | | SCREW, MACHINE: P343-0327-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16E4H1 |
| X1-D | | WASHER, LOCK: 1806-00; (78189) | | EA | 1 | | | | | | | | | | A8A4A16E4H2 |
| X1-D | | TERMINAL, LUG: 2104-06-02-2520N; (78189) | | EA | REF | | | | | | | | | | A8A4A16E5 |
| X1-D | | SCREW, MACHINE: P343-0327-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16E5H1 |
| X1-D | | WASHER, LOCK: 1806-00; (78189) | | EA | 1 | | | | | | | | | | A8A4A16E5H2 |
| X1-D | | TERMINAL, LUG: 2104-06-02-2520N; (78189) | | EA | REF | | | | | | | | | | A8A4A16E6 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| X1-D | | SCREW, MACHINE: P343-0327-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16E6H1 |
| X1-D | | WASHER, LOCK: 1806-00; (78189) | | EA | 1 | | | | | | | | | | A8A4A16E6H2 |
| X1-D | | TERMINAL, LUG: 2104-06-02-2520N; (78189) | | EA | REF | | | | | | | | | | A8A4A16E7 |
| X1-D | | SCREW, MACHINE: P343-0327-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16E7H1 |
| X1-D | | WASHER, LOCK: 1806-00; (78189) | | EA | 1 | | | | | | | | | | A8A4A16E7H2 |
| X1-D | | TERMINAL, LUG: 2104-06-02-2520N; (78189) | | EA | REF | | | | | | | | | | A8A4A16E8 |
| X1-D | | SCREW, MACHINE: P343-0327-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16E8H1 |
| X1-D | | WASHER, LOCK: 1806-00; (78189) | | EA | 1 | | | | | | | | | | A8A4A16E8H2 |
| X1-D | | TERMINAL, LUG: 2104-06-02-2520N; (78189) | | EA | REF | | | | | | | | | | A8A4A16E9 |
| X1-D | | SCREW, MACHINE: P343-0327-000; (77250) | | EA | 1 | | | | | | | | | | A8A4A16E9H1 |
| X1-D | | WASHER, LOCK: 1806-00; (78189) | | EA | 1 | | | | | | | | | | A8A4A16E9H2 |
| P-D | 5930-636-1425 | SWITCH, THERMOSTATIC: C4344-4-75; (82647) | | EA | 1 | | | | | | | * | * | 3-65 | A8A4K103 |
| P-D | 5305-054-5646 | SCREW, MACHINE: MS51957-12; (96906) | | EA | 2 | | | | | | | REF | REF | | A8A4K103H1 |
| P-D | 5305-054-5646 | SCREW, MACHINE: MS51957-12; (96906) | | EA | REF | | | | | | | REF | REF | | A8A4K103H2 |
| P-D | 5310-058-2949 | WASHER, LOCK: 310-0278-000; (70318) | | EA | 2 | | | | | | | REF | REF | | A8A4K103H3 |
| P-D | 5310-058-2949 | WASHER, LOCK: 310-0278-000; (70318) | | EA | REF | | | | | | | REF | REF | | A8A4K103H4 |
| P-D | 5930-820-9131 | SWITCH, TOGGLE: T2150; (99707) | | EA | 1 | | | | | | | * | * | 3-65 | A8A4S102 |
| P-D | 5975-836-3373 | BOOT, DUST AND MOISTURE PROOF: N5030B; (97539) | | EA | 1 | | | | | | | * | * | | A8A4S102H1 |
| P-D | 5310-768-7967 | WASHER: 500-1065-003; (13499) | | EA | 1 | | | | | | | REF | REF | | A8A4S102H2 |
| P-D | 5930-578-9817 | SWITCH, TOGGLE: T3103; (81640) | | EA | 1 | | | | | | | * | * | | A8A4S2 |
| P-D | 5975-836-3373 | BOOT, DUST AND MOISTURE PROOF: N5030B; (97539) | | EA | 1 | | | | | | | REF | REF | | A8A4S2H1 |
| P-D | 5310-768-7967 | WASHER: 500-1065-003; (13499) | | EA | 1 | | | | | | | REF | REF | | A8A4S2H2 |
| P-D | | TERMINAL, LUG: 4007-4HT; (77147) | | EA | 1 | | | | | | | REF | REF | | A8A4E34 |
| P-D | 5940-878-3768 | TERMINAL, LUG: 4007-6HT; (77147) | | EA | 2 | | | | | | | * | * | | A8A4E35 |
| P-D | | NUT, PLAIN, HEXAGON: P313-0140-000; (77250) | | EA | 1 | | | | | | | * | * | | A8A4E35H1 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | | SCREW, MACHINE: P343-0328-0; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E35H2 |
| P-D | | WASHER, LOCK: 1806-00; (78189) | | EA | 1 | | | | | | | REF | REF | | A8A4E35H3 |
| P-D | | TERMINAL, LUG: 4007-6HT; (77147) | | EA | REF | | | | | | | REF | REF | | A8A4E36 |
| P-D | | TERMINAL, LUG: 2104-04-01-2520N; (78189) | | EA | 4 | | | | | | | REF | REF | | A8A4E37 |
| P-D | 5310-275-0889 | NUT, PLAIN, HEXAGON: P313-0132-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E37H1 |
| P-D | 5305-685-1490 | SCREW, MACHINE: P330-2290-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E37H2 |
| P-D | | WASHER, FLAT: 310-6325-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A4E37H3 |
| P-D | 5310-058-2949 | WASHER, LOCK: 310-0278-000; (70318) | | EA | 1 | | | | | | | REF | REF | | A8A4E37H4 |
| P-D | | TERMINAL, LUG: 2104-04-01-2520N; (78189) | | EA | REF | | | | | | | REF | REF | | A8A4E38 |
| P-D | 5310-275-0889 | NUT, PLAIN, HEXAGON: P313-0132-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E38H1 |
| P-D | 5305-685-1490 | SCREW, MACHINE: P330-2290-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E38H2 |
| P-D | | WASHER, FLAT: 310-6325-000; (79807) | | EA | REF | | | | | | | REF | REF | | A8A4E38H3 |
| P-D | 5310-058-2949 | WASHER, LOCK: 310-0278-000; (70318) | | EA | 1 | | | | | | | REF | REF | | A8A4E38H4 |
| P-D | | TERMINAL, LUG: 2104-04-01-2520N; (78189) | | EA | REF | | | | | | | REF | REF | | A8A4E39 |
| P-D | 5310-275-0889 | NUT, PLAIN, HEXAGON P313-0132-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E39H1 |
| P-D | 5305-685-1490 | SCREW, MACHINE P330-2290-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E39H2 |
| P-D | | WASHER, FLAT 310-6325-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A4E39H3 |
| P-D | 5310-058-2949 | WASHER, LOCK 310-0278-000; (70318) | | EA | 1 | | | | | | | REF | REF | | A8A4E39H4 |
| P-D | | TERMINAL, LUG 2104-04-01-2520N; (78189) | | EA | REF | | | | | | | REF | REF | | A8A4E40 |
| P-D | 5940-156-7344 | TERMINAL, LUG 2104-06-02-2520N, (78189) | | EA | 5 | | | | | | | REF | REF | | A8A4E41 |
| P-D | | SCREW, MACHINE P343-0328-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E41H1 |
| P-D | | WASHER, LOCK: 806-00; (78189) | | EA | 1 | | | | | | | REF | REF | | A8A4E41H2 |
| P-D | 5940-156-7344 | TERMINAL, LUG 2104-06-02-2520N; (78189) | | EA | REF | | | | | | | REF | REF | | A8A4E42 |
| P-D | | SCREW, MACHINE P343-0328-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E42H1 |
| P-D | | WASHER, LOCK 1806-00; (78189) | | EA | 1 | | | | | | | REF | REF | | A8A4E42H2 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5940-156-7344 | TERMINAL, LUG: 2104-06-02-2520N; (78189) | | EA | REF | | | | | | | REF | REF | | A8A4E43 |
| P-D | 5940-156-7344 | TERMINAL, LUG: 2104-06-02-2520N; (78189) | | EA | REF | | | | | | | REF | REF | | A8A4E58 |
| P-D | 5940-156-7344 | TERMINAL, LUG 2104-06-02-2520N; (78189) | | EA | REF | | | | | | | REF | REF | | A8A4E59 |
| P-D | 5940-836-3536 | TERMINAL, LUG: 4040-2HDSPL; (77147) | | EA | 9 | | | | | | | REF | REF | | A8A4E44 |
| P-D | 5940-836-3536 | TERMINAL, LUG 4040-2HDSPL (77147) | | EA | REF | | | | | | | REF | REF | | A8A4E45 |
| P-D | 5940-836-3536 | TERMINAL, LUG: 4040-2HDSPL; (77147) | | EA | REF | | | | | | | REF | REF | | A8A4E46 |
| P-D | 5940-836-3536 | TERMINAL, LUG: 4040-2HDSPL; (77147) | | EA | REF | | | | | | | REF | REF | | A8A4E47 |
| P-D | 5940-836-3536 | TERMINAL, LUG: 4040-2HDSPL; (77147) | | EA | REF | | | | | | | REF | REF | | A8A4E48 |
| P-D | 5940-836-3536 | TERMINAL, LUG: 4040-2HDSPL; (77147) | | EA | REF | | | | | | | REF | REF | | A8A4E49 |
| P-D | 5940-836-3536 | TERMINAL, LUG: 4040-2HDSPL; (77147) | | EA | REF | | | | | | | REF | REF | | A8A4E50 |
| P-D | 5940-836-3536 | TERMINAL, LUG: 4040-2HDSPL; (77147) | | EA | REF | | | | | | | REF | REF | | A8A4E51 |
| P-D | 5940-836-3536 | TERm1AL, LUG: 4040-2HDSPL; (77 147) | | EA | REF | | | | | | | REF | REF | | A8A4E52 |
| P-D | 5940-455-7441 | TERMINAL, LUG: 4040-5HDSPL, (77147) | | EA | 1 | | | | | | | REF | REF | | A8A4E53 |
| P-D | 5940-903-5951 | TERMINAL, LUG 0167-3; (94375) | | EA | 1 | | | | | | | * | * | | A8A4E54 |
| P-D | 5940-501-8634 | TERMINAL, LUG: 4021; (77147) | | EA | 1 | | | | | | | * | * | | A8A4E139 |
| P-D | | SCREW, MACHINE P343-0307-000; (77250) | | EA | 1 | | | | | | | * | * | | A8A4E139H1 |
| P-D | | WASHER, LOCK: 1808-00; (78189) | | EA | 1 | | | | | | | * | * | | A8A4E139H2 |
| P-D | 5940-700-2953 | TERMINAL, LUG 549-6138-002; (13499) | | EA | 3 | | | | | | | * | * | | A8A4E55 |
| P-D | 5310-275-0889 | NUT, PLAIN, HEXAGON P313-0132-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E55H1 |
| P-D | 5305-685-1490 | SCREW, MACHINE P330-2290-00; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E55H2 |
| P-D | 5310-058-2949 | WASHER, LOCK 310-278-000; (70318) | | EA | 1 | | | | | | | REF | REF | | A8A4E55H3 |
| P-D | | WASHER, PLAIN, FLAT: 310-6325-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A4E55H4 |
| P-D | 5940-700-2953 | TERMINAL, LUG 549-6138-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4E56 |
| P-D | 5310-275-0889 | NUT, PLAIN, HEXAGON: P313-0132-000; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E56H1 |
| P-D | 5305-685-1490 | SCREW, MACHINE P330-2290-000, (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E56H2 |

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| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|---|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCV | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | | WASHER, LOCK: 310-0278-00; (70318) | | EA | 1 | | | | | | | REF | REF | | A8A4E56H3 |
| P-D | | WASHER, PLAIN, FLAT: 310-6325-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A4E56H4 |
| P-D | 5940-700-2953 | TERMINAL, LUG: 549-6138-002; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4E57 |
| P-D | 5310-275-0889 | NUT, PLAIN, HEXAGON: P313-0132-000; (T7250) | | EA | 1 | | | | | | | REF | REF | | A8A4E57H1 |
| P-D | 5305-685-1490 | SCREW, MACHINE: P330-2290-00 0; (77250) | | EA | 1 | | | | | | | REF | REF | | A8A4E57H2 |
| P-D | | WASHER, FLAT: 310-6325-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A4E57H3 |
| P-D | | WASHER, LOCK: 310-0278-000; (70318) | | EA | 1 | | | | | | | REF | REF | | A8A4E57H4 |
| P-D | 5940-259-8457 | TERMINAL, STUD: RTMT12M; (91663) | | EA | 2 | | | | | | | REF | REF | | A8A4E7 |
| P-D | 5305-777-6039 | SCREW, MACHINE: MS51959-12; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4E7H1 |
| P-D | 5900-259-8457 | TERMINAL, STUD: RTM12M; (91663) | | EA | REF | | | | | | | REF | REF | | A8A4E8 |
| P-D | 5305-777-6039 | SCREW, MACHINE: MS51959-12; (96906) | | EA | 1 | | | | | | | REF | F-F | | A8A4E8H1 |
| P-D | 5940-061-0050 | TERMINAL, LUG: RTMT16M; (91663) | | EA | 8 | | | | | | | * | * | | A8A4E150 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13 (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4E150H1 |
| P-D | 5940-061-0050 | TERMINAL, STUD: RTMT16M; (91663) | | EA | REF | | | | | | | REF | REF | | A8A4E151 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4E151H1 |
| P-D | 59h0-061-0050 | TERMINAL, STUD: RTMT16M; (91663) | | EA | REF | | | | | | | REF | REF | | A8A4E152 |
| P-D | 5305-054-5617 | SCREW, MACHINE: MS51957-13; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4E152H1 |
| P-D | 5940-061-0050 | TERMINAL, STUD: RTMT16M; (91663) | | EA | RF | | | | | | | REF | REF | | A8A4E153 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4E153H1 |
| P-D | 5940-067-0050 | TERMINAL, STUD: RTMT16M; (91663) | | EA | REF | | | | | | | REF | REF | | A8A4E154 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4E154H1 |
| P-D | 5940-061-0050 | TERMINAL, STUD: RTMT16M; (91663) | | EA | REF | | | | | | | REF | REF | | A8A4E160 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4E160H1 |
| P-D | 5940-061-0050 | TERMINAL, STUD: RTMT16M; (91663) | | EA | REF | | | | | | | REF | REF | | A8A4E167 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | 1 | | | | | | | REF | REF F | | A8A4E167H1 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | | WASHER, LOCK: 310-0278-000; (70318) | | EA | 1 | | | | | | | REF | REF | | A8A4E167H2 |
| P-D | 5940-061-0050 | TERMINAL, STUD: RTMT16M; (91663) | | EA | REF | | | | | | | REF | REF | | A8A4E168 |
| P-D | 5305-054-5647 | SCREW, MACHINE: MS51957-13; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4E168H1 |
| P-D | | WASHER, LOCK: 310-0278-000; (70318) | | EA | 1 | | | | | | | REF | REF | | A8A4E168H2 |
| P-D | 5940-877-8430 | TERMINAL, STUD: TF300; (98291) | | EA | 6 | | | | | | | * | * | | A8A4E1 |
| P-D | 5305-764-2966 | SCREW, MACHINE: MS51959-2; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4E1H1 |
| P-D | | WASHER, SPRING, TENSION: 310-0075-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8A4E1H2 |
| P-D | 5940-877-8430 | TERMINAL, STUD: TF300; (98291) | | EA | REF | | | | | | | REF | REF | | A8A4E2 |
| P-D | 5305-764-2966 | SCREW, MACHINE: MS51959-2; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4E2H1 |
| P-D | 5940-877-8430 | TERMINAL, STUD: TF300; (98291) | | EA | REF | | | | | | | REF | REF | | A8A4E3 |
| P-D | 5305-764-2966 | SCREW, MACHINE: MS51959-2; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4E3H1 |
| P-D | 5940-877-8430 | TERMINAL, STUD: TF300; (98291) | | EA | REF | | | | | | | REF | REF | | A8A4E4 |
| P-D | 5305-764-2966 | SCREW, MACHINE: MS51959-2; (96906) | | EA | 1 | | | | | | | REF | REF | | A8A4E4H1 |
| P-D | 5940-877-8430 | TERMINAL, STUD: TF300; (98291) | | EA | REF | | | | | | | REF | REF | | A8A4E5 |
| P-D | 5940-877-8430 | TERMINAL, STUD: TF300; (98291) | | EA | REF | | | | | | | REF | REF | | A6A4E6 |
| P-D | 5950-951-1923 | TRANSFORMER, POWER: 36665; (73386) | | EA | 1 | | | | | | | * | * | 3-67 | A8A4T2 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | 2 | | | | | | | REF | REF | | A8A4T2H1 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | REF | | | | | | | REF | REF | | A8A4T2H2 |
| P-D | 5305-685-1490 | SCREW, MACHINE: P330-2290-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4T2H3 |
| P-D | | SCREW, MACHINE: P330-2290-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4T2H4 |
| P-D | 5950-987-8827 | TRANSFORMER, POWER: 30697; (97965) | | EA | 1 | | | | | | | * | * | 3-67 | A8A4T3 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | 2 | | | | | | | REF | REF | | A8A4T3H1 |
| P-D | 5310-614-3500 | NUT, SELF-LOCKING, HEXAGON: 68-1660-40; (72962) | | EA | REF | | | | | | | REF | REF | | A8A4T3H2 |
| P-D | | SCREW, MACHINE: P330-2290-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4T3H3 |
| P-D | | SCREW, MACHINE: P330-2290-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4T3H4 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | 5950-984-1111 | TRANSFORMER, POWER: BC3072; (97315) | | EA | 1 | | | | | | | * | * | 3-67 | A8A4T1 |
| P-D | | SCREW, MACHINE: P330-2290-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4T1H1 |
| P-D | | SCREW, MACHINE: P330-2290-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A 4T1H2 |
| P-D | 5961-945-5436 | TRANSISTOR: 2N1166; (07688) | | EA | 2 | | | | | | | * | | 3-67 | A8A4Q1 |
| P-D | | NUT, PLAIN, HEXAGON: P313-0045-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4Q1H1 |
| P-D | | NUT, PLAIN, HEXAGON: P313-0045-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4Q1H2 |
| P-D | | SCREW, MACHINE: P325-0064-000; (77250) | | EA | 2 | | | | | | | * | | | A8A4Q1H3 |
| P-D | | SCREW, MACHINE: P325-0064-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4Q1H4 |
| P-D | | WASHER, LOCK, SPLIT: 310-0071-000; (79807) | | EA | 2 | | | | | | | REF | REF | | A8A4Q1H5 |
| P-D | | WASHER, LOCK, SPLIT: 310-0071-000; (79807) | | EA | REF | | | | | | | REF | REF | | A8A4Q1H6 |
| P-D | | TRANSISTOR: 2N1166; (07688) | | EA | REF | | | | | | | REF | REF | 3-67 | A8A4Q2 |
| P-D | | NUT, SELF-LOCKING, HEXAGON: P313-0045-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4Q2H1 |
| P-D | | NUT, SELF-LOCKING, HEXAGON: P313-0045-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4Q2H2 |
| P-D | | SCREW, MACHINE: P325-0064-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8A4Q2H3 |
| P-D | | SCREW, MACHINE: P325-0064-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8A4Q2H4 |
| P-D | | WASHER, LOCK, SPLIT: 310-0071-000; (79807) | | EA | 2 | | | | | | | REF | REF | | A8A4Q2H5 |
| P-D | | WASHER, LOCK, SPLIT: 310-0071-000; (79807) | | EA | REF | | | | | | | REF | REF | | A8A4Q2H6 |
| P-D | | TUBE, ELECTRON: 117WA; (06980) | | EA | 1 | | | | | | | * | * | 3-65 | A8A4V101 |
| P-D | 5340-803-2373 | WASHER: 542-1589-003; (13499) | | EA | 6 | | | | | | | * | * | | A8A4H7 |
| P-D | 5340-803-2373 | WASHER: 542-1589-003; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4H8 |
| P-D | 5340-803-2373 | WASHER: 542-1589-003; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4H9 |
| P-D | 5340-803-2373 | WASHER: 542-1589-003; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4H10 |
| P-D | 5340-803-2373 | WASHER: 542-1589-003; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4H11 |
| P-D | 5340-803-2373 | WASHER: 542-1589-003; (13499) | | EA | REF | | | | | | | REF | REF | | A8A4H12 |
| P-D | 5310-158-5265 | WASHER, FLAT: 302-0016-000; (13499) | | EA | 6 | | | | | | | * | * | | A8A4H13 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| P-D | | WASHER, FLAT: 302-0016-000; (13499) | | EA | REF | | | | | | | REF | REF | A8A4H14 | |
| P-D | | WASHER, FLAT: 302-0016-000; (13499) | | EA | REF | | | | | | | REF | REF | A8A4H15 | |
| P-D | | WASHER, FLAT: 302-0016-000; (13499) | | EA | REF | | | | | | | REF | REF | A8A4H16 | |
| P-D | | WASHER, FLAT: 302-0016-000; (13499) | | EA | REF | | | | | | | REF | REF | A8A4H17 | |
| P-D | | WASHER, FLAT: 302-0016-000; (13499) | | EA | REF | | | | | | | REF | REF | A8A4H18 | |
| M-D | | BLOCK, STEPPED, MODULE- SECURING: 549-6654-002; (13499) | | EA | 1 | | | | | | | | | A8MP1 | |
| P-D | 5305-054-5649 | SCREW, MACHINE: MS51957-15; (96906) | | EA | 1 | | | | | | | REF | REF | A8MP1H1 | |
| P-D | 5305-054-5651 | SCREW, MACHINE: MS51957-17; (96906) | | EA | 1 | | | | | | | * | * | A8MP1H2 | |
| P-D | 5310-782-1349 | WASHER, FLAT: 310-005-000; (79807) | | EA | 2 | | | | | | | REF | REF | A8MP1H3 | |
| P-D | 5310-782-1349 | WASHER, FLAT: 310-0045-000; (79807) | | EA | REF | | | | | | | REF | REF | A8MP1H4 | |
| P-D | 5310-933-8118 | WASHER, LOCK, SPRING: MS35338-135; (96906) | | EA | 1 | | | | | | | REF | REF | A8MP1H5 | |
| M-D | | CASE, RECEIVER, TRANSMITTER: 021-0194-000; (74284) | | EA | 1 | | | | | | | | | A8MP2 | |
| M-D | | COVER, ASSEMBLY: 756-3009-002; (13499) | | EA | 1 | | | | | | | | | A8MP3 | |
| M-D | | COVER, PANEL: 522-3354-004; (13499) | | EA | 1 | | | | | | | | | A8A8 | |
| P-D | 5306-960-7330 | STUD, WING: 548-7643-002; (13499) | | EA | 2 | | | | | | | * | * | A8A8H2 | |
| P-D | 5305-981-5875 | STUD, WING: 549-6398-002; (13499) | | EA | 4 | | | | | | | * | * | A8A8H4 | |
| P-D | 5310-158-5256 | WASHER: 553-5002-003; (13499) | | EA | 2 | | | | | | | * | * | A8A8H2 | |
| P-D | 5310-158-5253 | WASHER: 553-5004-003; (13499) | | EA | 4 | | | | | | | * | * | A8A8H4 | |
| P-D | 5310-151-9030 | WASHER, SEALING: 2110-0216CADPL; (25184) | | EA | 2 | | | | | | | * | * | A8A8H2 | |
| P-D | 5330-618-9563 | WASHER, SEALING: 110-6; (86579) | | EA | 4 | | | | | | | REF | REF | A8A8H4 | |
| M-D | | COVER, PANEL: 021-0195-000; (714284) | | EA | 1 | | | | | | | | | A8A8MP1 | |
| P-D | | CLAMP, FUSEHOLDER-CEMENTED: 548-7897-002; (13499) | | EA | 1 | | | | | | | * | * | A8A8MP2 | |
| P-D | 5305-455-2512 | SCREW, MACHINE: P342-1959-000; (77250) | | EA | 2 | | | | | | | * | * | A8A8MP2H1 | |
| P-D | | SCREW, MACHINE: P342-1959-000; (77250) | | EA | REF | | | | | | | REF | REF | A8A8MP2H2 | |
| M-D | | PLATE, IDENTIFICATION: 757-4768-000; (13499) | | EA | 1 | | | | | | | | | A8A8MP3 | |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|-------|--------|--|-------|--------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) | (b) | (c) | (a) | (b) | (c) | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| | | | | | | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | | | | |
| M-D | | PLATE, INSTRUCTION: M4496; (91345) | | EA | 1 | | | | | | | | | | A8A8MP4 |
| M-D | | PLATE, INSTRUCTION: 59-6658-004; (13L99) | | EA | 1 | | | | | | | | | | A8A8MP5 |
| P-D | | SCREW, TAPPING, THREAD-FORMING; 330-1194-000; (45722) | | EA | 8 | | | | | | | * | * | | A8A8MP5H1 |
| P-D | | SCREW, TAPPING, THREAD-FORMING; 330-1194-000; (L5722) | | EA | REF | | | | | | | REF | REF | | A8A8MP5H2 |
| P-D | | SCREW, TAPPING, THREAD FORMING; 330-1194-000; (45722) | | EA | REP | | | | | | | REF | REF | | A8A8MP5H3 |
| P-D | | SCREW, TAPPING, THREAD -FORMING; 330-1194-000; (45722) | | EA | REF | | | | | | | REF | REF | | A8A8MP5H4 |
| P-D | | SCREW, TAPPING, THREAD-FORMING; 330-1194-000; (45722) | | EA | REF | | | | | | | REF | REF | | A8A8MP5H5 |
| P-D | | SCREW, TAPPING, THREAD-FORMING; 330-1194-000; (45722) | | EA | REF | | | | | | | REF | REF | | A8A8MP5H6 |
| P-D | | SCREW, TAPPING, THREAD-FORMING; 330-1194-000; (45722) | | EA | REF | | | | | | | REF | REF | | A8A8MP5H7 |
| P-D | | SCREW, TAPPING, THREAD-FORMING; 330-1194-000; (45722) | | EA | REF | | | | | | | REP | REF | | A8A8MP5H8 |
| P-D | | WASHER, LOCK: 310-0280-000; (70318) | | EA | 8 | | | | | | | * | * | | A8A8MP5H9 |
| P-D | | WASHER, LOCK: 310-0280-000; (70318) | | EA | REF | | | | | | | REF | REF | | A8A8MP5H10 |
| P-D | | WASHER, LOCK: 310-0280-000; (70318) | | EA | REF | | | | | | | REF | REF | | A8A8MP5H11 |
| P-D | | WASHER, LOCK: 310-0280-000; (70318) | | EA | REF | | | | | | | REF | REF | | A8A8MP5H12 |
| P-D | | WASHER, LOCK: 310-0280-000; (70318) | | EA | REF | | | | | | | REF | REF | | A8A8MP5H13 |
| P-D | | WASHER, LOCK: 310-0280-000; (70318) | | EA | REF | | | | | | | REF | REF | | A8A8MP5H14 |
| P-D | | WASHER, LOCK: 310-0280-000; (70318) | | EA | REF | | | | | | | REF | REF | | A8A8MP5H15 |
| P-D | | WASHER, LOCK: 310-0280-000; (70318) | | EA | REF | | | | | | | REF | REF | | A8A8MP5H16 |
| M-D | | GASKET, PANEL: 548-9308-003; (13499) | | EA | 1 | | | | | | | | | | A8A9 |
| P-D | 5330-892-4773 | RUBBER, ROUND SECTION: R1412NSC41 7-32INDIA; (08076) | | EA | 5 | | | | | | | * | * | | A8A9MP1 |
| M-D | | PLATE, ELECTRICAL SHIELD: 756-0482-000; (13499) | | EA | 1 | | | | | | | | | | A8MP4 |
| M-D | | PLATE, IDENTIFICATION: 757-4767-000; (13499) | | EA | 1 | | | | | | | | | | A8MP5 |
| P-D | 5305-494-7333 | SCREW, MACHINE: P343-0019-000; (77250) | | EA | 2 | | | | | | | * | * | | A8MP5H1 |
| P-D | | SCREW, MACHINE: P343-0019-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8MP5H2 |
| P-D | | WASHER, LOCK: MS35338-135; (96906) | | EA | 2 | | | | | | | REF | REF | | A8MP5H3 |

SECTION III

TM 11-5820-509-35

| SPECIAL TOOLS, TEST & SUPPORT EQUIPMENT FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE | | | | | | | | | | | | | | | |
|--|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION |
| P-D | | WASHER, LOCK: MS35338-135; (96906) | | EA | REF | | | | | | | REF | REF | | A8MP5H4 |
| P-D | | PLATE, IDENTIFICATION: 757-4768-080; (13499) | | EA | 1 | | | | | | | | | | A8MP6 |
| P-D | 5310-275-0889 | NUT, PLAIN: P313-0132-000; (77250) | | EA | 2 | | | | | | | REF | REF | | A8MP6H1 |
| P-D | 5310-275-0889 | NUT, PLAIN, HEXAGON: P313-0132-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8MP6H2 |
| P-D | 5305-145-0887 | SCREW, MACHINE: P342-1958-000; (77250) | | EA | 2 | | | | | | | * | * | | A8MP6H3 |
| P-D | | SCREW, MACHINE: P342-1958-000; (77250) | | EA | REF | | | | | | | REF | REF | | A8MP6H4 |
| P-D | | PLATE, IDENTIFICATION: 747-4769-000; (13499) | | EA | 1 | | | | | | | | | | A8MP7 |
| P-D | | STRAP, SECURING, RIVETED: 549-6656-003; (13499) | | EA | 1 | | | | | | | | | | A8MP8 |
| P-D | 5305-054-5648 | SCREW, MACHINE: M51957-14; (96906) | | EA | 1 | | | | | | | REF | REF | | A8MP8H1 |
| P-D | 5305-054-6651 | SCREW, MACHINE: M51957-27; (96906) | | EA | 1 | | | | | | | REF | REF | | A8MP8H2 |
| P-D | 5310-782-1349 | WASHER, FLAT: 310-0045-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8MP8H3 |
| P-D | 5310-531-9514 | WASHER, FLAT: 310-6360-000; (79807) | | EA | 1 | | | | | | | REF | REF | | A8MP8H4 |
| M-D | | RUCKSACK: 021-0191-00; (24036) | | EA | 1 | | | | | | | | | | MP5 |

SECTION II

TM 11-5820-509-35

| REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued) | | | | | | | | | | | | | | | | |
|---|-----------------------------------|--|--|---------------------------|---------------------------------|--|--------------|---------------|--|--------------|---------------|--|---|----------------------|--|----|
| (1) SMR CODE | (2) FEDERAL STOCK NUMBER | (3) DESCRIPTION Reference Number & Mfr. Code Usable on Code | | (4) UNIT OF MEAS | (5) QTY INC IN UNIT | (6) 30 DAY DS MAINTENANCE ALLOWANCE | | | (7) 30 DAY GS MAINTENANCE ALLOWANCE | | | (8) 1 YR ALW PER 100 EQUIP CNTGCTY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | | |
| | | | | | | (a) 1-20 | (b) 21-50 | (c) 51-100 | (a) 1-20 | (b) 21-50 | (c) 51-100 | | | (a) FIG NO. | (b) ITEM NO. OR REFERENCE DESIGNATION | |
| P-H | 5995-087-2324 | CABLE ASSEMBLY, POWER, ELECTRICAL CX8393PRC47; (80058) | | EA | 1 | | | | * | * | * | * | * | * | | W1 |
| P-H | 5995-082-0487 | CABLE ASSEMBLY, POWER, ELECTRICAL CX8394PRC47; (80058) | | EA | 1 | | | | * | * | * | * | * | * | | W2 |
| P-H | 5995-087-2325 | CABLE ASSEMBLY, POWER, ELECTRICAL CX8395PRC47; (80058) | | EA | 1 | | | | * | * | * | * | * | * | | W3 |
| P-H | | CORD ASSEMBLY, ELECTRICAL 10747J, (82872) | | EA | 1 | | | | * | * | * | * | * | * | | W4 |

SECTION IV INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

| FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------------------------------|----------------------|---------------|---------------------------------|
| 3010-984-1099 | | A8A7A1 | 3120-865-8571 | | A8A4A6MP13 |
| 3020-088-1785 | | ASA4A6M42 | 3120-865-8571 | | AA4A6MP14 |
| 3020-088-4507 | | A8SAA6P64 | 3120-865-8571 | | A8A4A6L1P15 |
| 3020-088-6021 | | A8A4P36 | 3120-865-8571 | | A8A4A6UP16 |
| 3020-951-0700 | | A8A4P35 | 3120-865-8571 | | A8A4A6W17 |
| 3020-976-5392 | | A8A4A6A3 | 3120-865-8571 | | AA7YP3 |
| 3020-976-5393 | | A8AS5 | 5110-115-5049 | | A6A4 |
| 3020-985-2235 | | A8AA6A6 | 5305-053-1523 | | A8A7A1A31H2 |
| 3020-985-2236 | | A8A4AQ62 | 5305-054-5636 | | ASA3E13H1 |
| 3020-985-3351 | | ASA3NP27 | 5305-054-5636 | | A8A3E13H2 |
| 3020-985-3351 | | A8SA328 | 5305-054-5636 | | A8A3E15H1 |
| 3020-988-0687 | | A8A46YMP41 | 5305-054-5636 | | A8A3E15H2 |
| 3020-988-6910 | | A8A4A6MP43 | 5305-054-5636 | | A8A3E4612 |
| 3040-950-9578 | | A8A4A6P22 | 5305-054-5636 | | A8A7MP13H1 |
| 3040-950-9578 | | A8A4A6MP23 | 5305-054-5636 | | A8A7MP13J12 |
| 3040-950-9578 | | A8A4A6P24 | 5305-054-5636 | | A8A7MP13I3 |
| 3040-950-9578 | | A8A46MP25 | 5305-054-5636 | | A8A7YP14H1 |
| 3040-950-9578 | | 6A8A46P26 | 5305-054-5636 | | A8A7MP14H2 |
| 3040-950-9578 | | A8A46UP27 | 5305-054-5636 | | A8A711P14H3 |
| 3040-977-1551 | | AMAE6MP37 | 5305-054-5637 | | A8A5P112 |
| 3110-851-7674 | | A8A3YP3 | 5305-054-5637 | | A8A5P1113 |
| 3110-851-7674 | | 8A3NP4 | 5305-054-5646 | | APA3E11111 |
| 3120-709-5460 | | 8A4UP1 | 5305-054-5646 | | A8A3E46H1 |
| 3120-709-5460 | | A8A4P2 | 5305-054-5646 | | A8A4K103H1 |
| 3120-709-5460 | | A84P3 | 5305-054-5646 | | A8A4K103H2 |
| 3120-709-5460 | | A8AP4 | 5305-054-5646 | | A8A5E18H1 |
| 3120-709-5460 | | A8A4P5 | 5305-054-5646 | | A8A5hn11 |
| 3120-709-5460 | | 8A4Y6 | 5305-054-5647 | | AeA3A2H2 |
| 3120-793-6354 | | A8A4P7 | 5305-054-5647 | | A8A3A3H2 |
| 3120-793-6354 | | A8AP8 | 5305-054-5647 | | A8A3A9A3114 |
| 3120-865-8571 | | A8A4AIP11 | 5305-054-5647 | | A8A3EIOHI |
| 3120-865-8571 | | A84AW6EP12 | 5305-054-5647 | | A8A3EXOH2 |

SECTION IV INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

| FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------------------------------|----------------------|---------------|---------------------------------|
| 5305-054-5647 | | A8A3MP24H10 | 5305-054-5647 | | A8A4MP25H11 |
| 5305-054-5647 | | A8A3MP24H11 | 5305-054-5647 | | A8A4MP25H2 |
| 5305-054-5647 | | A8A3MP24H12 | 5305-054-5647 | | A8A4MP25H3 |
| 5305-054-5647 | | A8A3AP24H13 | 5305-054-5647 | | A8A4/P25H4 |
| 5305-054-5647 | | A8A3MP24H14 | 5305-054-5647 | | A8A4MP25H5 |
| 5305-054-5647 | | A8A3MP24H15 | 5305-054-5647 | | A8A4MP25H6 |
| 5305-054-5647 | | A8A3MP24H16 | 5305-054-5647 | | A8A4MP25H7 |
| 5305-054-5647 | | A8A3MP24H17 | 5305-054-5647 | | A8A4MP25H8 |
| 5305-054-5647 | | A8A31P24H18 | 5305-054-5647 | | A8A4MP25H9 |
| 5305-054-5647 | | A8A3UP24H19 | 5305-054-5647 | | A8A4P26H1 |
| 5305-054-5647 | | A8A3MP24H20 | 5305-054-5647 | | A8AIP26H10 |
| 5305-054-5647 | | A8A31P24H5 | 5305-054-5647 | | A8A49P26H11 |
| 5305-054-5647 | | A8A3MP24H6 | 5305-054-5647 | | A8A4UP26H2 |
| 5305-054-5647 | | A8A3MP24H7 | 5305-054-5647 | | A8A4MP26H3 |
| 5305-054-5647 | | A8A3MP24H8 | 5305-054-5647 | | A8A4MP26H4 |
| 5305-054-5647 | | A8A3MP24H9 | 5305-054-5647 | | A8A4MP26H5 |
| 5305-054-5647 | | A8A3P238H1 | 5305-054-5647 | | A8A4MP26H6 |
| 5305-054-5647 | | A8A3MP38H2 | 5305-054-5647 | | A8A4MP26H7 |
| 5305-054-5647 | | A8A3MP38H3 | 5305-054-5647 | | A8AMP26H8 |
| 5305-054-5647 | | A8A3MP38H4 | 5305-054-5647 | | A8A4MP26H9 |
| 5305-054-5647 | | A8A4E150H1 | 5305-054-5647 | | A8A5E1H4 |
| 5305-054-5647 | | A8A4E151H1 | 5305-054-5647 | | A8A5E17H2 |
| 5305-054-5647 | | A8A4E152H1 | 5305-054-5647 | | A8A7AIA3H1 |
| 5305-054-5647 | | A8A4E153H1 | 5305-054-5647 | | A8A7MP8H1 |
| 5305-054-5647 | | A8A4E154H1 | 5305-054-5647 | | A8A7MP8H10 |
| 5305-054-5647 | | A8A4E160H1 | 5305-054-5647 | | A8A7MP8H11 |
| 5305-054-5647 | | A8A4E167H1 | 5305-054-5647 | | A8A7MP8H2 |
| 5305-054-5647 | | A8A4E168H1 | 5305-054-5647 | | A8A7MP8H3 |
| 5305-054-5647 | | A8A4K1O2H3 | 5305-054-5647 | | A8AMP8H4 |
| 5305-054-5647 | | A8A4K1O2H4 | 5305-054-5647 | | A8A7MP8H5 |
| 5305-054-5647 | | A8A41T25H1 | 5305-054-5647 | | A8A7MP8H6 |
| 5305-054-5647 | | A8A4MP25H10 | 5305-054-5647 | | A8A7MP8H7 |

SECTION IV INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

| FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------------------------------|----------------------|---------------|---------------------------------|
| 5305-054-5647 | | A8A7P8H8 | 5305-059-8248 | | A8A4C123H2 |
| 5305-054-5647 | | A8A7MP8H9 | 5305-071-1325 | | A7AIP10H3 |
| 5305-054-5651 | | A8MP1H2 | 5305-071-1325 | | A7A1P101H4 |
| 5305-054-5653 | | A8A3A9A1H | 5305-071-1325 | | A7A 1MP11H3 |
| 5305-054-5653 | | A8A7E7A1H2 | 5305-071-1325 | | A7AIMP11H4 |
| 5305-054-6650 | | A8AMP36H3 | 5305-071-1325 | | A7A21P10H3 |
| 5305-054-6650 | | A8A4MP36H4 | 5305-071-1325 | | A7A2NP1014 |
| 5305-054-6650 | | A8455H1 | 5305-071-1325 | | A7AZUMP11H3 |
| 5305-054-6650 | | A8A4P5H2 | 5305-071-1325 | | A7A2UP11H4 |
| 5305-054-6650 | | A8AP55H3 | 5305-141-4310 | | A8A3MP13H1 |
| 5305-054-6650 | | A8A4P55H4 | 5305-141-4310 | | A8AWU14HI |
| 5305-054-6650 | | A8A4MP55H5 | 5305-151-0732 | | 48A6P1H2 |
| 5305-054-6650 | | A8A455H6 | 5305-151-07 32 | | A8A6P1H3 |
| 5305-054-6651 | | A84A1H2 | 5305-151-1320 | | A8A4A16H1 |
| 5305-054-6651 | | A8A46U21H11 | 5305-206-1270 | 3-21 | A8AP3H1 |
| 5305-054-6651 | | A8A4A1P212 | 5305-206-1270 | | A8A3E30H2 |
| 5305-054-6651 | | A8A5A1H2 | 5305-206-1270 | | A8A3E31H2 |
| 5305-054-6651 | | A8A1P2H1 | 5305-206-1270 | | A8A3E32H2 |
| 5305-054-6651 | | A8AUP2H2 | 5305-206-1270 | | A8A3E33H2 |
| 5305-054-6651 | | A8AP8H2 | 5305-206-1270 | | A8A3E34H2 |
| 5305-054-6652 | | A8A4A1H2 | 5305-206-1270 | | A8A3E35H2 |
| 5305-054-6652 | | 8AA6A152H | 5305-206-1270 | | A8A3E36H2 |
| 5305-054-6652 | | ASA5P91 | 5305-206-1270 | | AA7MP7H1 |
| 5305-054-6653 | | A8SWP2H2 | 5305-206-1270 | | A8A7P7H2 |
| 5305-054-6653 | | A8A5T1H3 | 5305-206-3716 | | A8A6E3H1 |
| 5305-054-6653 | | ASA5T14 | 5305-297-4351 | | A8A4A6E1H1 |
| 5305-054-6660 | | ABA5T2H2 | 5305-407-8559 | | A8A7E7A2E1H3 |
| 5305-054-6668 | | A8A5P4H1 | 5305-407-8559 | | A8A7E7A2E1H4 |
| 5305-054-6668 | | 88AA6H6 | 5305-407-8559 | | A8A7E7A2E1H4 |
| 5305-059-3663 | | A6IP5H1 | 5305-531-0137 | | A8WAP24H1 |
| 5305-059-3663 | | A6P6H1 | 5305-531-0137 | | A8A4MP24H2 |

SECTION IV INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

| FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------------------------------|----------------------|---------------|---------------------------------|
| 5305-531-0137 | | A8A4MP42H1 | 5305-763-7822 | | ABA7P2H2 |
| 5305-531-0137 | | A8A4P42H2 | 5305-764-0068 | | AAUP27H1 |
| 5305-531-0137 | | A8A4MP45H1 | 5305-764-0068 | | A8A4MP2H2 |
| 5305-531-p137 | | A8AMP45H2 | 5305-764-0068 | | A8A427H3 |
| 5305-531-0137 | | A8A4AP46H1 | 5305-764-0068 | | A8A4MP27H4 |
| 5305-531-0137 | | A8A4MP46H2 | 5305-764-2964 | | A8A2P4H3 |
| 5305-616-1815 | | A8A3E37H2 | 5305-764-2964 | | A8A2P4H4 |
| 5305-637-4225 | | A8A4MP22H2 | 5305-764-2964 | | A8A5UP3H2 |
| 5305-637-4225 | | A8A4MP23H2 | 5305-764-2964 | | A8A5MP3H3 |
| 5305-680-9157 | | A8A3E38H3 | 5305-764-2966 | | A8A3MP26H1 |
| 5305-705-9528 | | A8A1Q11H2 | 5305-764-2966 | | A8A3M26H2 |
| 5305-716-7733 | | A8A4A6MP22H1 | 5305-764-2966 | | A8A3MP26H3 |
| 5305-719-5064 | | A5E2H | 5305-764-2966 | | A8A4A6A6NP1H1 |
| 5305-719-5064 | | A5E2H2 | 5305-764-2966 | | A8A4A6A6MP1H2 |
| 5305-719-5064 | | A5E2H3 | 5305-764-2966 | | A8A4A6A6MP1H3 |
| 5305-719-5064 | | A8A4A6H2 | 5305-764-2966 | | A8A4A6A6MP1H4 |
| 5305-724-3842 | | A8A4MP54H1 | 5305-764-2966 | | A8A4E1H1 |
| 5305-724-3842 | | A8A4MP54H2 | 5305-764-2966 | | A8A4E2H1 |
| 5305-724-3842 | | A8A4MP54H3 | 5305-764-2966 | | ASA4E3H1 |
| 5305-724-3842 | | A8A4MP54H4 | 5305-764-2966 | | A8AE4H |
| 5305-763-6963 | | A8AK2H3 | 5305-762422 | | A4A6A5UP1H |
| 5305-763-6963 | | A8A4K2H4 | 5305-766-2422 | | A8A4A6A5WP1H2 |
| 5305-763-6963 | | A8A5T1H1 | 5305-766-2422 | | AA4A6A51PH3 |
| 5305-763-6963 | | A8A5T1H2 | 5305-766-2422 | | AAA6A5U1H4 |
| 5305-763-7822 | | A6A3A11 | 5305-770-2533 | | A8A1T2H1 |
| 5305-763-7822 | | A6A3A2H1 | 5305-770-2533 | | A8A1T2H2 |
| 5305-763-7822 | | A8A3P1H4 | 5305-770-2533 | | A8AIP1H3 |
| 5305-763-7822 | | A8A4MP14H | 5305-770-2533 | | A8A1PH4 |
| 5305-763-7822 | | A8A4FL2H2 | 5305-770-2533 | | A8A1T2H3 |
| 5305-763-7822 | | A8A5E3H2 | 5305-770-2533 | | A8A1T2H4 |
| 5305-763-7822 | | AA7P1H3 | 5305-770-2533 | | A8A1T3H1 |
| 5305-763-7822 | | A8A7P1H4 | 5305-770-2533 | | A8A1T3H2 |

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| FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------------------------------|----------------------|---------------|---------------------------------|
| 5305-770-2533 | | A8A1T3H3 | 5305-938-4044 | | A8A4A166H1 |
| 5305-770-2533 | | AA1T3H4 | 5305-942-8431 | | A8A46MP46H1 |
| 5305-770-2533 | | A8AIT5H1 | 5305-942-8431 | | A8A4A6MP46H2 |
| 5305-770-2533 | | A8A1T5H2 | 5305-981-5875 | | A8A8H4 |
| 5305-770-2533 | | A8A1T5H3 | 5305-984-2144 | | A8A4A6MP56 |
| 5305-770-2533 | | A8A1T5H4 | 5305-984-2144 | | A8A4A6MP58 |
| 5305-770-2533 | | ASA3L98H1 | 5305-984-2144 | | A8A4A6MP60 |
| 5305-770-2533 | | A8A3P1H3 | 5306-960-7330 | | A8A8H2 |
| 5305-770-2533 | | A8A3P2H3 | 5310-058-3599 | | A8A45TB1H1 |
| 5305-770-2533 | | A8A3P2H4 | 5310-058-3599 | | A8A5XC20H4 |
| 5305-770-2533 | | A8A3P3H3 | 5310-058-3599 | | A8A7P2H3 |
| 5305-770-2533 | | A8A3P3H4 | 5310-167-0797 | | A8A2P3H5 |
| 5305-770-2533 | | A8A3P4H3 | 5310-167-0797 | | A8A2P3H6 |
| 5305-770-2533 | | A8A3P4H4 | 5310-167-0797 | | A8A2P4H5 |
| 5305-770-2533 | | A8A7NP12H1 | 5310-167-0797 | | A8A2P4H6 |
| 5305-770-2533 | | A8A7MP12H2 | 5310-167-0837 | | A8A4A7H2 |
| 5305-770-2533 | | A8A7MP12H3 | 5310-178-8631 | | A8A4C146H2 |
| 5305-770-2533 | | A8A7NP12H4 | 5310-184-8990 | | A8A7TB1E2H2 |
| 5305-770-2533 | | A8A7P21H | 5310-184-8996 | | A8A7MP7H3 |
| 5305-770-2579 | | ASA4MP15H1 | 5310-184-8996 | | A8A7MP7H4 |
| 5305-770-2579 | | A8A4MP16H1 | 5310-187-0159 | | A8A4C29H2 |
| 5305-770-2579 | | A8A4MP17H1 | 5310-187-0159 | | A8A4C30H2 |
| 5305-770-2580 | | A6MP7H1 | 5310-208-6841 | | A8A4C146H1 |
| 5305-770-2580 | | A6MP7H2 | 5310-209-0960 | | A8AA3A3H2 |
| 5305-788-9882 | | A8A4H5 | 5310-275-5147 | | AA3MP7H1 |
| 5305-805-9801 | | A8A3MP15H1 | 5310-275-5147 | | A8A3MP8H1 |
| 5305-805-9801 | | A8A3MP15H2 | 5310-276-1104 | | A8A3P12H1 |
| 5305-805-9801 | | A8A3MP1H3 | 5310-276-1104 | | A8A4MP22H1 |
| 5305-805-9801 | | ASA3MP15H4 | 5310-276-110 4 | | A8A4MP23H1 |
| 5305-922-6281 | | A8A4MP61H1 | 5310-530-3549 | | A8SA7A1H4 |
| 5305-938-4044 | | A8A3TB1H2 | 5310-551-9284 | | A8A4A6MP1H13 |
| 5305-938-4044 | | A8A3TB2H2 | 5310-551-9284 | | A8A4A6P1H14 |

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| FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------------------------------|----------------------|---------------|---------------------------------|
| 5310-551-9284 | | A8A4A6MP1H15 | 5310-614-3500 | | A8A7P1H2 |
| 5310-551-9284 | | A8A4A6MP1H16 | 5310-616-8660 | | A8A5T2H1 |
| 5310-551-9284 | | A8A4A6MP1H17 | 5310-685-7739 | | A8A3P1H1 |
| 5310-551-9284 | | A8A4A6MP1H18 | 5310-685-7739 | | A8A3P2H1 |
| 5310-551-9286 | | A8A5R22H4 | 5310-685-7739 | | A8A3P3H1 |
| 5310-551-9286 | | A8A5R3H4 | 5310-685-7739 | | A8A3P4H1 |
| 5310-551-9286 | | A8A5R4H4 | 5310-925-7991 | | A8A4E29H3 |
| 5310-558-4187 | | A8A4MP13H2 | 5310-925-7991 | | A8A4E29H4 |
| 5310-559-0575 | | A8A4C29H1 | 5310-925-7991 | | A8A4E30H3 |
| 5310-559-0575 | | A8A4C30H1 | 5310-925-7991 | | A8A4E30H4 |
| 5310-591-3416 | | A8A4A16H2 | 5310-925-7991 | | A8A4E31H3 |
| 5310-614-3500 | | A8A3A2H2 | 5310-925-7991 | | A8A4E31H4 |
| 5310-614-3500 | | A8A4K1H1 | 5310-925-7991 | | A8A4E32H3 |
| 5310-614-3500 | | A8A4K1H2 | 5310-925-7991 | | A8A4E32H4 |
| 5310-614-3500 | | A8A4K3H1 | 5310-928-2690 | | A8A3E13H3 |
| 5310-614-3500 | | A8A4K3H2 | 5310-928-2690 | | A8A3E13H4 |
| 5310-614-3500 | | A8A4K4H1 | 5310-928-2690 | | A8A3E15H3 |
| 5310-614-3500 | | A8A4K4H2 | 5310-928-2690 | | A8A3E15H4 |
| 5310-614-3500 | | A8A4K6H1 | 5310-928-2690 | | A8A4J5H6 |
| 5310-614-3500 | | A8A4K6H2 | 5310-928-2690 | | A8A4J7H6 |
| 5310-614-3500 | | A8A4R8H1 | 5310-928-26 90 | | A8A5E5H3 |
| 5310-614-3500 | | A8A4R8H2 | 5310-928-2690 | | A8A7MP13H4 |
| 5310-614-3500 | | A8A4T2H1 | 5310-928-2690 | | A8A7MP13H5 |
| 5310-614-3500 | | A8A4T2H2 | 5310-928-2690 | | A8A7MP13H6 |
| 5310-614-3500 | | A8A4T3H1 | 5310-928-2690 | | A8A7MP14H4 |
| 5310-614-3500 | | A8A4T3H2 | 5310-928-2690 | | A8A7MP14H5 |
| 5310-614-3500 | | A8A5E3H2 | 5310-928-2690 | | A8A7MAP14H6 |
| 5310-614-3500 | | A8A5XC19H1 | 5310-929-6395 | | A8A5T2F5 |
| 5310-614-3500 | | A8A5XC19H2 | 5310-933-8119 | | A8A4A6H6 |
| 9310-614-3500 | | A8A5XC20H1 | 5310-933-8119 | | A8A4A6UP46H3 |
| 5310-614-3500 | | A8A7E7A1H2 | 5310-933-8119 | | A8A4A6MP46H4 |
| 5310-614-3500 | | A8A7P1H1 | 5310-933-8119 | | 48A4A6MP47H3 |

SECTION IV INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

| FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION |
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| 5310-933-8119 | | A8A4A6MP47H4 | 5310-934-9765 | | A7A1MP10H1 |
| 5310-933-8119 | | A8A4MP61H2 | 5310-934-9765 | | A7A1MP10H2 |
| 5310-933-8119 | | A8A4MP62H2 | 5310-934-9765 | | A7A1MP11H1 |
| 5310-933-8119 | | A8A4MP63H2 | 5310-934-9765 | | A7A1MP11H2 |
| 5310-933-8119 | | A8A4MP64H2 | 5310-934-9765 | | A7A2MP10H1 |
| 5310-933-8119 | | A8A4MP65H2 | 5310-934-9765 | | A7A2MP10H2 |
| 5310-933-8119 | | A8A4MP66H2 | 5310-934-9765 | | A7A2MP11H1 |
| 5310-933-8119 | | A8A4UP67H2 | 5310-934-9765 | | A7A2MP11H2 |
| 5310-933-8119 | | A8A4MP68H2 | 5310-938-2013 | | A8A5E5H1 |
| 5310-933-8119 | | A8A4MP69H2 | 5310-938-8387 | | A7A1H1 |
| 5310-933-8119 | | A8A4MP70H2 | 5310-938-8387 | | A7A1H2 |
| 5310-933-8119 | | A8A4MP70H2 | 5310-938-8387 | | A7A2H1 |
| 5310-933-8119 | | A8A4MP72H2 | 5310-938-8387 | | A7A2H2 |
| 5310-933-8119 | | A8A47MP3H2 | 5310-939-0903 | | A8A4C123H3 |
| 5310-933-8119 | | A8A4MP74H2 | 5310-948-8598 | | A8A4A6NP54 |
| 5310-933-8119 | | A8A4MP75H2 | 5310-952-1423 | | A8A3H3 |
| 5310-933-8119 | | A8A4MP76H2 | 5310-952-1423 | | A8A3H4 |
| 5310-933-8119 | | A8A4MP77H2 | 5310-952-1423 | | A8A3H5 |
| 5310-933-8119 | | A8A4MP78H2 | 5310-952-1423 | | A8A3H6 |
| 5310-933-8119 | | A8A4MP79H2 | 5310-952-1423 | | A8A3H7 |
| 5310-933-8119 | | A8A4MP80H2 | 5310-952-1423 | | A8A3H8 |
| 5310-933-8119 | | A8A4MP81H2 | 5315-058-9698 | | A8A7A2MP1 |
| 5310-933-8119 | | A8A5MP4H2 | 5315-058-9698 | | A8A7A3MP1 |
| 5310-933-8119 | | A8A5MP8H4 | 5315-531-9482 | | A8A3A7MP1 |
| 5310-933-8120 | | A7A1MP10H5 | 5315-531-9482 | | A8A3A7MP2 |
| 5310-933-8120 | | A7A1MP10H6 | 5315-614-3586 | | A8A3A6NP4 |
| 5310-933-8120 | | A7A1MP11H5 | 5315-614-3586 | | A8A3A6MP5 |
| 5310-933-8120 | | A7A1MP11H6 | 5315-823-8744 | | A5A1MP1 |
| 5310-933-8120 | | A7A2MP10H5 | 5315-823-8746 | | A5MP5 |
| 5310-933-8120 | | A7A2MP10H6 | 5315-853-0681 | | A8A3ASMP1 |
| 5310-933-8120 | | A7A2MP11H5 | 5315-881-2253 | | A8A4A6A8MP1 |
| 5310-933-8120 | | A7A2MP11H6 | 5315-881-2253 | | A8A4A6A8P2 |

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| 5315-987-8790 | | A8A3A7MP6 | 5330-981-7538 | | A8A4MP33 |
| 5325-248-7031 | | A8A4H6 | 5340-124-3383 | | A8A4A6H15 |
| 5325-276-4993 | | A8A3H2 | 5340-124-3383 | | A8A4A6H16 |
| 5325-276-4993 | | A8A4H4 | 5340-124-3383 | | A8A4A6H17 |
| 5325-276-4993 | | A8A4H5 | 5340-205-6694 | | A8A4H3 |
| 5325-286-6047 | | A8A2H1 | 5340-205-6694 | | A8A4H4 |
| 5325-286-6047 | | A8A4H2 | 5340-205-6694 | | A8A4H5 |
| 5325-286-6047 | | A8A4H3 | 5340-205-6694 | | A8A4H6 |
| 5325-960-2410 | | A8A3MP10 | 5340-282-1633 | | A8A3H10 |
| 5325-960-2410 | | A8A3MP11 | 5340-282-1633 | | A8A3H11 |
| 5325-960-2410 | | A8A3MP12 | 5340-282-1633 | | A8A3H12 |
| 5325-960-2410 | | A8A3MP13 | 5340-282-1633 | | A8A3H9 |
| 5325-960-2410 | | A8A5MP6 | 5340-290-0939 | | A8A4MP1 |
| 5330-558-2310 | | A8AH5 | 5340-290-0939 | | A8A4MP2 |
| 5330-559-8909 | | A8A4A6MP1H19 | 5340-479-9197 | | A8A3A5MP1 |
| 5330-559-8909 | | A8A4A6MP1H20 | 5340-479-9197 | | A8A3A5MP2 |
| 5330-559-8909 | | A8A4A6MP1H21 | 5340-479-9197 | | A8A3A6MP1 |
| 5330-559-8909 | | A8A4A6MP1H22 | 5340-479-9197 | | A8A3A6MP2 |
| 5330-559-8909 | | A8A4A6MP1H23 | 5340-598-1300 | | A8A4H1 |
| 5330-559-8909 | | A8A4A6MP1H24 | 5340-598-1300 | | A8A4H2 |
| 5330-559-8909 | | A8A4A6MP46H5 | 5340-602-6075 | | A8A4A6H1 |
| 5330-559-8909 | | A8A4A6MP46H6 | 5340-602-6075 | | A8A4A6H2 |
| 5330-559-8909 | | A8A4A6MP47H5 | 5340-602-6075 | | A8A4A6H3 |
| 5330-559-8909 | | A8A4A6MP47H6 | 5340-663-1245 | | A8A7H1 |
| 5330-618-3447 | | A8A4A6MP32 | 5340-663-1245 | | ASA7H2 |
| 5330-618-3447 | | A8A4A6MP33 | 5340-695-2558 | | A8A4MP61 |
| 5330-618-3447 | | A8A4A6MP34 | 5340-695-2558 | | A8A4MP62 |
| 5330-618-9563 | | A8A4A6E3H3 | 5340-695-2558 | | A8A4MP63 |
| 5330-618-9563 | | A8A4A6E4H3 | 5340-695-2558 | | A8A4MP64 |
| 5330-618-9563 | | A8A8H4 | 5340-695-2558 | | A8A4MP65 |
| 5330-892-4773 | | A8A9MP1 | 5340-695-2558 | | A8A4MP66 |
| 5330-981-7538 | | A8A4MP32 | 5340-695-2558 | | A8A4MP67 |

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| FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION |
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| 5340-695-2558 | | A8A4MP68 | 5340-975-7637 | | A8A3E16 |
| 5340-695-2558 | | A8A4MP69 | 5340-975-7637 | | A8A5E4 |
| 5340-695-2558 | | A8A4MP70 | 5340-975-7637 | | A8A7E8 |
| 5340-695-2558 | | A8A4MP71 | 5340-984-0423 | | A8A5MP7 |
| 5340-695-2558 | | A8A4MP72 | 5340-984-0423 | | A8A5MP8 |
| 5340-695-2558 | | A8A4MP73 | 5340-984-7536 | | A8A3MP36 |
| 5340-695-2558 | | A8A4MP74 | 5340-984-7536 | | A8A3MP37 |
| 5340-695-2558 | | A8A4MP75 | 5340-984-7537 | | A8A3MP3 |
| 5340-695-2558 | | A8A4MP76 | 5355-733-5548 | | A8A4MP43 |
| 5340-695-2558 | | A8A4MP77 | 5355-950-7574 | | A8A4MP45 |
| 5340-695-2558 | | A8A4MP78 | 5355-950-7575 | | A8A4MP42 |
| 5340-695-2558 | | A8A4MP79 | 5355-950-7576 | | A8A4MP44 |
| 5340-695-2558 | | A8A4MP80 | 5355-951-4083 | | A8A4A6MP48 |
| 5340-695-2558 | | A8A4MP81 | 5355-951-4083 | | A8A4A6MP49 |
| 5340-720-6320 | | A8A4MP20 | 5355-951-4083 | | A8A4A6MP50 |
| 5340-720-8064 | | A8A4A6H4 | 5355-965-4878 | | A5MP4 |
| 5340-734-5982 | | A6MP10 | 5820-015-1607 | | A8A3A2 |
| 5340-758-5660 | | A6MP5 | 5820-042-5719 | | A8A3E48 |
| 5340-758-5660 | | A6MP6 | 5820-062-4758 | | A7 |
| 5340-795-9364 | | A7A1MP3 | 5820-066-2122 | | A8A7TB1E1 |
| 5340-795-9364 | | A7A1MP4 | 5820-087-0328 | | A8A6 |
| 5340-795-9364 | | A7A2MP3 | 5820-087-2299 | | A8A1 |
| 5340-795-9364 | | A7A2MP4 | 5820-087-2304 | | A8A5 |
| 5340-803-2373 | | A8A4H10 | 5820-087-2314 | | A8A7 |
| 5340-803-2373 | | A8A4H11 | 5820-087-3439 | | A8A1E2 |
| 5340-803-2373 | | A8A4H12 | 5820-087-3440 | | A8A6A1 |
| 5340-803-2373 | | A8AMH7 | 5820-088-1379 | | A8A6E1 |
| 5340-803-2373 | | A8A4H8 | 5820-088-2514 | | A8A1E3 |
| 5340-803-2373 | | A8A4H9 | 5820-088-2515 | | A8A2E2 |
| 5340-947-6204 | | A6A1 | 5820-088-4936 | | A8A4E24 |
| 5340-947-6204 | | A6A2 | 5820-088-4916 | | A8A4E29 |
| 5340-975-7637 | | A8A1E4 | 5820-088-4916 | | A8A4E30 |

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| 5820-088-4916 | | A8A4E31 | 5820-975-5417 | 3-14 | A8A7E4 |
| 5820-088-4916 | | A8A4E32 | 5820-975-5419 | 3-15 | A8A7E5 |
| 5820-089-4996 | | A8A4A6A13 | 5820-975-5421 | 3-15 | A8A7E1 |
| 5820-104-9512 | | A8A4A16 | 5820-975-5422 | 3-14 | A8A7E6 |
| 5820-168-1583 | | A8A4E33 | 5820-975-5423 | 3-14 | A8A7E2 |
| 5820-168-1598 | | A8A4A1 | 5820-975-5426 | 3-20 | A8A2E1 |
| 5820-758-0063 | | A6A3 | 5820-975-5427 | 3-21 | A8A2E3 |
| 5820-758-0064 | | A6MP7 | 5820-975-5428 | 3-21 | A8A2E4 |
| 5820-788-9615 | | A5A1E1 | 5820-975-5429 | 3-21 | A8A2E5 |
| 5820-795-9365 | | A8A3A12 | 5820-975-5430 | 3-9 | A8A3E47 |
| 5820-795-9370 | | A7A1MP10 | 5820-975-5431 | 3-10 | A8A3A13 |
| 5820-795-9370 | | A7A1MP11 | 5820-975-5432 | 3-10 | A8A3E46 |
| 5820-795-9370 | | A7A2MP10 | 5820-975-5433 | 3-24 | A8A3A9A1 |
| 5820-795-9370 | | A7AZP11 | 5820-975-7638 | | A8A3A8 |
| 5820-946-3338 | 3-19 | A8A1E3E1 | 5820-975-7640 | | A8A3MP30 |
| 5820-946-3347 | 3-58 | A8A7E5E1 | 5820-975-7641 | | A8A3MP29 |
| 5820-950-4464 | 3-11 | A8A5E2 | 5820-975-7642 | | A8A3A7 |
| 5820-951-4081 | | A8A4E22 | 5820-975-7645 | | A8A7A2 |
| 5820-951-4081 | | A8A4E23 | 5820-975-7646 | | A8A7A3 |
| 5820-953-5772 | 3-60 | A8A7E7A2 | 5820-976-9775 | | A8A4A6A11 |
| 5820-960-7832 | | A6MP8 | 5820-976-9776 | | A8A4A6A9 |
| 5820-960-7832 | | A6EP9 | 5820-976-9777 | | A8A4A6A10 |
| 5820-960-7844 | | A8A3E7 | 5820-977-1553 | | A8A4A6MP21 |
| 5820-960-7845 | 3-4 | A8A3 | 5820-977-1558 | | A8A4A6A2 |
| 5820-960-7852 | 3-9 | A8A3A4 | 5820-977-1558 | | A8A4A6MP38 |
| 5820-970-6766 | 1-7 | A3 | 5820-977-1559 | | A8A4A6A4 |
| 5820-975-5412 | 3-6 | A8A1E1 | 5820-977-1560 | | A8A4A6AP44 |
| 5820-975-5413 | 3-10 | A8A3A11 | 5820-977-1561 | | A8A4A61AP45 |
| 5820-975-5414 | 3-10 | A8A3A10 | 5820-977-1563 | | A8A4A6A1 |
| 5820-975-5415 | 3-24 | A8A3A9A2 | 5820-977-1564 | | A8A4A6MP20 |
| 5820-975-5416 | 3-24 | A8A3A9A3 | 5820-977-1565 | 3-10 | A8A3A9 |

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| 5820-977-1566 | | A8A4A7 | 5841-514-2298 | | A8A41P95 |
| 5820-977-6238 | | A8A4MP40 | 5895-060-4825 | | A4A1EMP5 |
| 5820-977-6238 | | A8A4MP41 | 5895-984-1066 | | A4A1EMP1 |
| 5820-977-6242 | | A8A3MP39 | 5895-984-1067 | | A4A1EMP2 |
| 5820-977-6242 | | A8A3MP40 | 5895-984-1067 | | A4A1EMP3 |
| 5820-977-7650 | | A8A3MP13 | 5895-984-1067 | | A4A1EMP4 |
| 5820-977-7650 | | A8A3MP14 | 5895-984-1068 | | A4A1EMP6 |
| 5820-977-7651 | | A8A3MP5 | 5895-984-1069 | | A4A1EMP7 |
| 5820-977-7651 | | A8A3MP6 | 5895-984-1069 | | A4A1EMP8 |
| 5820-977-7652 | | A8A4A6MP18 | 5895-984-1069 | | A4A1EMP9 |
| 5820-977-7652 | | A8A4A6MP19 | 5905-033-9852 | 3-40 | A8A3R20 |
| 5820-979-0033 | | A8A4E25 | 5905-068-1538 | 3-18 | A8A1E2R30 |
| 5820-979-0033 | | A8A4E26 | 5905-068-1538 | 3-18 | A8A1E2R6 |
| 5820-979-0033 | | A8A4E27 | 5905-068-1538 | 3-33 | A8A3A4R157 |
| 5820-979-0033 | | A8A4E28 | 5905-070-9333 | 3-21 | A8A2E5R40 |
| 5820-979-0034 | | A8A4MP36 | 5905-088-0635 | 3-45 | A8A5R11 |
| 5820-981-5877 | 3-10 | A8A3TB1 | 5905-104-8355 | | A8A4R125 |
| 5820-984-1770 | | A8A4A6A7 | 5905-221-5860 | 3-45 | A8A5R12 |
| 5820-984-1798 | | A8A4MP90 | 5905-247-8732 | | A8A4R120 |
| 5820-984-1798 | | A8A4MP91 | 5905-251-6530 | | A8A4R11 |
| 5820-984-1799 | | A8A4E131 | 5905-252-1953 | 3-16 | A8A1R82 |
| 5905-279-1745 | 3-16 | A8A4R84 | | | |
| 5820-984-2139 | | A8A4A15 | 5905-279-3521 | 3-16 | A8AIR81 |
| 5820-984-7544 | 3-67 | A8A4TB6 | 5905-299-2004 | | A8A4A7R107 |
| 5820-995-6535 | | A8A3TB2 | 5905-299-2004 | 3-48 | A8A5E2R17 |
| 5820-996-5812 | 3-15 | A8A7TB1 | 5905-484-0278 | 3-64 | A8A4.RI12 |
| 5821-019-6291 | 3-12 | A8A6E2 | 5905-484-0278 | 3-64 | A8A4R113 |
| 5821-561-6371 | | A8A4A6A1MP3 | 5905-484-0278 | 3-64 | A8A4R114 |
| 5821-561-6371 | | A8A4A6AC9P3 | 5905-681-8822 | 3-55 | A8A7E2R49 |
| 5821-658-3718 | | A8A4MP15 | 5905-681-8822 | 3-55 | A8A7E2R68 |
| 5841-514-2298 | | A8A4MP92 | 5905-682-1379 | 3-11 | A8A5R4 |
| 5841-514-2298 | | A8A4MP93 | 5905-682-4109 | 3-21 | A8A2E3R36 |
| 5841-514-2298 | | A8A4MP94 | 5905-682-4109 | 3-21 | A8A2E3R37 |

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| 5905-682-4109 | 3-38 | A8A3E47R139 | 5905-816-8554 | 3-53 | A8A6A1R32 |
| 5905-682-4109 | 3-38 | A8A3E47R144 | 5905-816-8554 | 3-52 | A8A6E1P35 |
| 5905-682-4109 | 3-38 | A8A3E47R28 | 5905-816-8554 | 3-52 | A8A6E1R37 |
| 5905-682-4109 | 3-38 | A8A3E47R37 | 5905-816-8554 | 3-52 | A8A6E1R41 |
| 5905-682-4109 | 3-38 | A8A3E47R54 | 5905-816-8554 | 3-52 | A8A6E1R42 |
| 5905-726-6431 | 3-19 | A8A1E3R50 | 5905-816-8554 | 3-52 | A8A6E2R10 |
| 5905-752-3335 | 3-19 | A8A1E3R72 | 5905-816-8554 | 3-52 | A8A6E2R11 |
| 5905-754-9142 | 3-20 | A8A2E1R5 | 5905-816-8554 | 3-52 | A8A6E2R14 |
| 5905-781-8015 | 3-55 | A8A7E2R42 | 5905-816-8554 | 3-52 | A8A6E2R15 |
| 5905-781-8015 | 3-55 | A8A7E2R62 | 5905-816-8554 | | A8A6R30 |
| 5905-781-8015 | 3-56 | A8A7TB1R149 | 5905-816-8554 | | A8A6R45 |
| 5905-816-8554 | 3-18 | A8A1E2R19 | 5905-816-8554 | | A8A6R46 |
| 5905-816-8554 | 3-19 | A8A1E3R47 | 5905-816-8554 | 3-54 | A8A7E1R23 |
| 5905-816-8554 | 3-19 | A8A1E3R53 | 5905-816-8554 | 3-54 | A8A7E1R26 |
| 5905-816-8554 | 3-19 | A8A1E3R64 | 5905-816-8554 | 3-54 | A8A7E1R3 |
| 5905-816-8554 | 3-19 | A8A1E3R68 | 5905-816-8554 | 3-55 | A8A7E2R41 |
| 5905-816-8554 | 3-20 | A8A2E2R14 | 5905-816-8554 | 3-55 | A8A7E2R61 |
| 5905-816-8554 | 3-21 | A8A2E3P24 | 5905-816-8554 | 3-56 | A8A7TB1R127 |
| 5905-816-8554 | 3-21 | A8A2E4R31 | 5905-827-0724 | 3-16 | A8A1R80 |
| 5905-816-8554 | 3-21 | A8A2E4R39 | 5905-8q2-6578 | 3-34 | A8A3A4R163 |
| 5905-816-8554 | 3-20 | A8A2R27 | 5905-952-9232 | 3-67 | A8A4R8 |
| 5905-816-8554 | 3-38 | A8A3E47R25 | 5905-969-5849 | 3-54 | A8A7E1R10 |
| 5905-816-8554 | 3-38 | A8A3E47R44 | 5905-982-3329 | 3-45 | A8A5R24 |
| 5905-816-8554 | 3-38 | A8A3E47R48 | 5905-985-5435 | 3-20 | A8A2E1R2 |
| 5905-816-8554 | 3-38 | A8A3E47R56 | 5905-985-5435 | 3-34 | A8A3A4R164 |
| 5905-816-8554 | 3-39 | A8A3E48R97 | 5905-985-5465 | 3-67 | A8A4R126 |
| 5905-816-8554 | 3-40 | A8A3R17 | 5Q05-985-5465 | 3-56 | A8A7TB1R150 |
| 3905-816-8554 | 3-22 | A8A3TB1R1 | 5905-988-2310 | 3-56 | A8A7TB1P125 |
| 5905-816-8554 | 3-23 | A8A3TB2R9 | 5905-988-2310 | 3-56 | 48A7TP1R126 |
| 5905-816-8554 | 3-53 | A8A6A1R23 | 5905-988-2310 | 3-56 | A8A7TB1P132 |
| 5905-816-8554 | 3-53 | A8A6A1R28 | 5905-988-2310 | 3-56 | A8A7TB1R133 |
| 5905-816-8554 | 3-53 | A8A6A1R31 | 5905-990-2246 | 3-33 | A8A3A4R156 |
| 5905-990-4151 | 3-67 | A8A4TB1P2 | | | |

SECTION IV INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

| FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------------------------------|----------------------|---------------|---------------------------------|
| 5910-023-2068 | | A8A6C14 | 5910-456-0793 | | A8A6C29 |
| 5910-023-2068 | | A8A6C20 | 5910-456-0793 | | A8A6C34 |
| 5910-023-2068 | | A8A6C23 | 5910-456-0797 | 3-21 | A8A2E3C12 |
| 5910-023-2068 | | A8A6C29 | 5910-456-0797 | | A8A6C14 |
| 5910-023-2068 | | A8A6C34 | 5910-456-0797 | | A8A6C20 |
| 5910-051-4612 | 3-20 | A8A2E1C36 | 5910-456-0797 | | A8A6C23 |
| 5910-051-4612 | | A8A6C14 | 5910-456-0797 | | A8A6C29 |
| 5910-051-4612 | | A8A6C20 | 5910-456-0797 | | A8A6C34 |
| 5910-051-4612 | | A8A6C23 | 5910-456-0797 | 3-59 | A8A7E6C103 |
| 5910-051-4612 | | A8A6C29 | 5910-519-6789 | 3-64 | A8A4A16C118 |
| 5910-051-4612 | | A8A6C34 | 5910-544-7003 | 3-64 | A8A4A16C116 |
| 5910-051-4612 | 3-57 | A8A7E4C66 | 5910-544-7003 | 3-64 | A8A4A16C117 |
| 5910-051-4612 | 3-57 | A8A7E4C68 | 5910-649-1438 | 3-45 | A8A5C16 |
| 5910-051-4612 | 3-57 | A8A7E4C70 | 5910-649-7756 | 3-41 | A8A3C344 |
| 5910-668-3647 | 3-64 | | | | A8A4C123 |
| 5910-064-4697 | 3-34 | A8A3A4C327 | 5910-683-7114 | 3-60 | A8A7E7A2C113 |
| 5910-069-0376 | 3-34 | ASA3A4C321 | 5910-683-7114 | 3-60 | A8A7E7A2C115 |
| 5910-080-1713 | 3-41 | A8A3C188 | 5910-683-7114 | 3-60 | A8A7E7A2C117 |
| 5910-080-1713 | 3-41 | A8A3C289 | 5910-683-7114 | 3-60 | A8A7E7A2C119 |
| 5910-080-1713 | 3-41 | A8A3C290 | 5910-683-7114 | 3-60 | A8A7E7A2C121 |
| 5910-080-1713 | 3-41 | ASA3C291 | 5910-683-7114 | 3-60 | A8A7E7A2C123 |
| 5910-080-1713 | 3-23 | A8A3TB2C89 | 5910-683-7114 | 3-60 | A8A7E7A2C125 |
| 5910-080-1713 | 3-23 | A8A3TB2C90 | 5910-683-7114 | 3-60 | ASA7E7A2C127 |
| 5910-080-1713 | | A8A4C28 | 5910-683-7114 | 3-60 | A8A7E7A2C129 |
| 5910-102-1346 | 3-53 | A8A6A1C18 | 5910-683-7114 | 3-60 | A8A7E7A2C131 |
| 5910-102-1346 | 3-53 | A8A6A1C23 | 5910-683-7114 | 3-60 | ASA7E7A2C133 |
| 5910-102-1346 | 3-53 | A8A6A1C26 | 5910-683-7114 | 3-60 | A8A7E7A2C135 |
| 5910-115-3567 | | A8A4C145 | 5910-683-7114 | 3-60 | A8A7E7A2C137 |
| 5910-118-7937 | 3-34 | A8A3A4C349 | 5910-683-7114 | 3-60 | A8A7E7A2C139 |
| 5910-244-1622 | 3-33 | A8A3A4C338 | 5910-683-7114 | 3-60 | A8A7E7A2C141 |
| 5910-456-0793 | | A8A6C14 | 5910-683-7114 | 3-60 | A8A7E7A2C143 |
| 5910-456-0793 | | A8A6C20 | 5910-683-7114 | 3-60 | A8A7E7A2C145 |
| 5910-456-0793 | | A8A6C23 | 5910-683-7114 | 3-60 | ASA7E7A2C147 |

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| FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------------------------------|----------------------|---------------|---------------------------------|
| 5910-683-7114 | 3-60 | A8A7E7A2C149 | 5910-825-3067 | | A8A6C23 |
| 5910-683-7114 | 3-60 | A8A7E7A2C151 | 5910-825-3067 | | A8A6C29 |
| 5910-683-7276 | 3-20 | A8A3C37 | 5910-825-3067 | | A8A6C34 |
| 5910-688-6457 | 3-41 | A8A3A2C350 | 5910-825-3067 | 3-58 | A8A7E5C83 |
| 5910-688-6457 | 3-41 | A8A3A2C351 | 5910-825-5288 | | A8A6C14 |
| 5910-688-6457 | 3-41 | A8A3A2C352 | 5910-825-5288 | | A8A6C20 |
| 5910-762-2828 | 3-40 | A8A3C117 | 5910-825-5288 | | A8A6C23 |
| 5910-762-2828 | 3-40 | A8A3C292 | 5910-825-5288 | | A8A6C29 |
| 5910-765-4415 | 3-40 | A8A3C118 | 5910-825-5288 | | A8A6C34 |
| 5910-765-4419 | 3-17 | A8A1E1C25 | 5910-825-5288 | 3-58 | A8A7E5C89 |
| 5910-765-4419 | 3-19 | A8A1E3C37 | 5910-827-0019 | 3-19 | A8A1E3C32 |
| 5910-765-4419 | 3-19 | A8A1E3C38 | 5910-827-0019 | 3-19 | A8A1E3C36 |
| 5910-765-4419 | 3-19 | A8A1E3C41 | 5910-851-3328 | | A8A6C14 |
| 5910-780-8675 | 3-50 | A8A5C25 | 5910-851-3328 | | A8A6C20 |
| 5910-780-8675 | 3-45 | A8A5C27 | 5910-851-3328 | | A8A6C23 |
| 5910-780-8675 | 3-45 | A8A5C28 | 5910-851-3328 | | A8A6C29 |
| 5910-780-8675 | 3-45 | A8ASC29 | 5910-851-3328 | | A8A6C34 |
| 5910-808-8971 | 3-17 | A8A1E1C26 | 5910-878-5239 | | A8A6C14 |
| 5910-809-5679 | 3-17 | A8A1E1C26 | 5910-878-5239 | | A8A6C20 |
| 5910-814-0419 | | A8A6C14 | 5910-878-5239 | | A8A6C23 |
| 5910-814-0419 | | A8A6C20 | 5910-878-5239 | | A8A6C29 |
| 5910-814-0419 | | A8A6C23 | 5910-878-5239 | | A8A6C34 |
| 5910-814-0419 | | A8A6C29 | 5910-889-4562 | 3-64 | A8A4C146 |
| 5910-814-0419 | | A8A6C34 | 5910-901-6105 | 3-53 | A8A6AIC15 |
| 5910-824-8036 | 3-20 | A8A2E1C36 | 5910-901-6105 | 3053 | A8A6AIC16 |
| 5910-824-8036 | | A8A6C14 | 5910-936-7372 | | A8A6C14 |
| 5910-824-8036 | | A8A6C20 | 5910-936-7372 | | A8A6C20 |
| 5910-824-8036 | | A8A6C23 | 5910-936-7372 | | A8A6C23 |
| 5910-824-8036 | | A8A6C29 | 5910-936-7372 | | A8A6C29 |
| 5910-824-8036 | | A8A6C34 | 5910-936-7372 | | A8A6C34 |
| 5910-825-3067 | | A8A6C14 | 5910-945-0313 | 3-53 | A8A6A1C22 |
| 5910-825-3067 | | A8A6C20 | 5910-954-3038 | 3-11 | A8ASC19A |

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| FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------------------------------|----------------------|---------------|---------------------------------|
| 5910-954-3038 | 3-11 | A8A5C19B | 5910-964-6511 | 3-58 | A8A7E5C91 |
| 5910-954-5496 | 3-36 | A8A3A13C263 | 5910-966-9460 | 3-67 | A8A4C29 |
| 5910-954-5496 | 3-26 | A8A3A9A1C10 | 5910-966-9460 | 3-67 | A8A4C30 |
| 5910-954-5496 | 3-38 | A8A3E47C180 | 5910-968-5427 | 3-45 | A8A5C26 |
| 5910-954-5496 | | AA6C14 | 5910-995-0614 | 3-39 | A8A3E48C167 |
| 5910-954-5496 | | A8A6C20 | 5910-995-0614 | 3-39 | A8A3E48C170 |
| 5910-954-5496 | | A8A6C23 | 5910-995-0614 | 3-39 | A8A3E48C172 |
| 5910-954-5496 | | A8A6C29 | 5910-995-0614 | 3-56 | A8A7TB1C167 |
| 5910-954-5496 | | A8A6C34 | 5910-995-0614 | 3-56 | A8A7TB1C176 |
| 5910-954-5496 | 3-54 | A8A7E1C2 | 5915-846-0453 | 3-21 | A8A2FL1 |
| 5910-954-5497 | 3-58 | A8A7E5C77 | 5915-904-7529 | 3-67 | A8A4FL2 |
| 5910-954-5497 | 3-56 | A8A7B1C17 | 5920-060-2424 | | ASA4F2 |
| 5910-954-5497 | 3-56 | A8A7TB1C173 | 5910-168-1402 | 3-67 | A8A4TB9 |
| 5910-954-5497 | 3-56 | AA7TB1C175 | 5920-280-3562 | | AS8AF1 |
| 5910-954-5504 | 3-39 | A8A3E48C168 | 5920-280-8344 | 3-67 | A8A4F3 |
| 5910-954-5504 | | A8A6C14 | 5920-356-2185 | 3-67 | A8A4F5 |
| 5910-954-5504 | | A8A6C20 | 5920-728-3487 | | A8A4XF1 |
| 5910-954-5504 | | A8A6C23 | 5920-728-3487 | | A8A4XF2 |
| 5910-954-5504 | | A8A6C29 | 5930-078-1717 | 3-33 | A8A3A4S10 |
| 5910-954-5504 | | A8A6C34 | 5930-578-9817 | | ASA4S2 |
| 5910-957-8578 | | A8A6C14 | 5930-636-1425 | 3-65 | A8A4KI03 |
| 5910-957-8578 | | A8A6C20 | 5930-820-9131 | 3-65 | A8A4S102 |
| 5910-957-8578 | | A8A6C23 | 5930-893-192 8 | | A8A4S3H1 |
| 5910-957-8578 | | A8A6C29 | 5930-960-7842 | 3-34 | A8A3A4S7 |
| 5910-957-8578 | | A8A6C34 | 5930-981-5868 | | A8A4S1 |
| 5910-960-7298 | 3-34 | A8A3A4C340 | 5930-981-5883 | | A8A3A13S9 |
| 5910-964-6511 | 3-20 | A8A2E1C36 | 5930-987-8798 | | A8A7E5E4 |
| 5910-964-6511 | | A8A6C14 | 5930-999-9195 | | A8A4S3 |
| 5910-964-6511 | | A8A6C20 | 5935-027-2636 | 3-9 | A8A3AIJ1 |
| 5910-964-6511 | | A8A6C23 | 5935-034-1097 | | A8A5P1AI |
| 5910-964-6511 | | A8A6C29 | 5935-034-1097 | | A8A5P1A2 |
| 5910-964-6511 | | A8A6C34 | 5935-081-2270 | 3-67 | A8AJ4 |

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| FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------------------------------|----------------------|--|---------------------------------|
| 5935-081-2270 | 3-67 | A8A4J9 | 5935-807-8202 | 3-16 3-21 3-52 3-45 3-45 3-67 | A8A4P1 |
| 5935-088-6228 | | A2J1 | 5935-808-7502 | | A8A1P1 |
| 5935-088-6228 | 3-12 | A2J2 | 5935-811-1382 | | A8A2P4 |
| 5935-432-6422 | | A8A6A1AIJ2 | 5935-811-1382 | | A8A6P1 |
| 5935-432-6473 | 3-53 | A8A6A1A1J3 | 5935-840-548 5 | | A8A5XC19 |
| 5935-549-2646 | 3-9 | A8A4P2 | 5935-840-5485 | | AA5XC20 |
| 5935-549-2646 | | A8A4P3 | 5935-883-0218 | | A8A4J2 |
| 5935-683-7648 | | A8A3A1J3 | 5935-885-6505 | | A8A2P3A1 |
| 5935-683-7649 | | A8A3A1J4 | 5935-885-6505 | | A8A2P4A1 |
| 5935-733-6655 | | A8A4J10A1 | 5935-885-6505 | | A8A2P4A2 |
| 5935-733-6655 | | A8A4J10A2 | 5935-885-6505 | | A8A3P1A1 |
| 5935-733-6655 | | ABA4J10A3 | 5935-885-6505 | | A8A3P1A2 |
| 5935-733-6655 | | A8A4J11A1 | 5935-885-6505 | | A8A3P2A1 |
| 5935-733-6655 | | A8AJ11A2 | 5935-885-6505 | | A8A3P2A2 |
| 5935-733-6655 | | A8A4J3A2 | 5935-885-6505 | | A8A3P3A1 |
| 5935-733-6655 | | A8A4J4A1 | 5935-885-6505 | | A8A3P3A2 |
| 5935-733-6655 | | A8A4J4A2 | 5935-885-6505 | | A8A3P4A1 |
| 5935-733-6655 | | A8A4J4A3 | 5935-885-6505 | | A8A3P4A2 |
| 5935-733-6655 | | A8A4J5A1 | 5935-885-6505 | | A8A6P1A1 |
| 5935-733-6655 | | A8A4J5A2 | 5935-885-6505 | | A8A6P1A2 |
| 5935-733-6655 | | A8A4J6A1 | 5935-885-6505 | A8A6P1A3 | |
| 5935-733-6655 | | A8A4J6A2 | 5935-885-6505 | A8A7P1A1 | |
| 5935-733-6655 | | A8A4J7A1 | 5935-885-6505 | A8A7P1A2 | |
| 5935-773-6655 | | A8A4J7A2 | 5935-885-6505 | A8A7P2A1 | |
| 5935-733-6655 | | A8A4J8A1 | 5935-885-6505 | ABA7P2A2 | |
| 5935-733-6655 | A8A4J8A2 | 5935-885-6505 | A8A7P2A3 | | |
| 5935-733-6655 | A8A4J9A1 | 5935-885-6508 | A8A2P4A3 | | |
| 5935-733-6655 | A8A4J9A2 | 5935-892-9923 | A8A4E14 | | |
| 5935-733-6655 | A8A4J9A3 | 5935-892-9923 | A8A4E15 | | |
| 5935-766-6465 | 3-11 | ABA5A1J10 | 5935-892-9923 | A8A4E16 | |
| 5935-773-8947 | | A8A4E20 | 5935-892-9923 | A8A4E17 | |
| 5935-773-8947 | | A8A4E21 | 5935-892-9923 | A8A4E18 | |

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| FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION |
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| 5935-892-9923 | | A8A4E19 | 5940-455-7441 | | A8A3E39 |
| 5935-951-3054 | | A2MP3 | 5940-455-7441 | | ASA3E40 |
| 5939-951-4052 | 3-11 | A8A5A1J6 | 5940-455-7441 | | A8A3E41 |
| 5935-951-4053 | 3-11 | A8A5A1J7 | 5940-455-7441 | | A8A3E42 |
| 5935-951-7196 | 3-67 | A8A4J1 | 5940-455-7441 | | A8A3E43 |
| 5935-954-4470 | 3-11 | A8A5A1J9 | 5940-455-7441 | | A8A3E44 |
| 5935-960-7324 | 3-11 | A8A5A1J8 | 5940-455-7441 | | A8A4E53 |
| 5935-977-6239 | | A8A4J1A1 | 5940-501-5832 | | A5E3 |
| 5935-977-6239 | | A8A4J1A2 | 5940-501-8634 | | A8A3E139 |
| 5935-988-4769 | 3-11 | A8A5A1J5 | 5940-665-5764 | | A8A3E45 |
| 5940-056-8696 | | A8A4MP82 | 5940-665-5764 | | A8A3E46 |
| 5940-056-8696 | | A8A4MP83 | 5940-700-2953 | | A8A4E55 |
| 5940-061-0050 | | A8A4E150 | 5940-700-2953 | | A8A4E56 |
| 5940-061-0050 | | A8A4E151 | 5940-700-2953 | | A8A4E57 |
| 5940-061-0050 | | A8A4E152 | 5940-728-3622 | | A8A4E12 |
| 5940-061-0050 | | A8A4E153 | 5940-728-3622 | | A8A4E13 |
| 5940-061-0050 | | A8A4E154 | 5940-836-3536 | | A8A2E6 |
| 5940-061-0050 | | A8A4E160 | 5940-836-3536 | | ASA2E7 |
| 5940-061-0050 | | A8A4E167 | 5940-836-3536 | | A8A2E8 |
| 5940-061-0050 | | A8A4E168 | 5940-836-3536 | | A8A3E37 |
| 5940-255-3907 | | A8A5E18 | 5940-836-3536 | | A8A4E44 |
| 5940-259-8457 | | A8A3E10 | 5940-836-3536 | | ASA4E45 |
| 5940-259-8457 | | A8A4E7 | 5940-836-3536 | | ASA4E46 |
| 5940-259-8457 | | A8A4E8 | 5940-836-3536 | | A8A4E47 |
| 5940-259-8457 | | A8A5E10 | 5940-836-3536 | | A8A4E48 |
| 5940-259-8457 | 3-45 | A8A5E11 | 5940-836-3536 | | A8A4E49 |
| 5940-259-8457 | | A8A4E7 | 5940-836-3536 | | A8A4E50 |
| 5940-259-8457 | 3-45 | A8A5E8 | 5940-836-3536 | | A8A4E51 |
| 5940-259-8457 | | A8A5E9 | 5940-836-3536 | | A8A4E52 |
| 5940-259-8457 | | A8A7E9 | 5940-877-8430 | | A8A4E1 |
| 5940-455-7441 | | A8A2E9 | | | |
| 5940-455-7441 | | A8A3E38 | 5940-877-8430 | | A8A4E2 |

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| 5940-877-8430 | | A8A4E3 | 5950-960-7338 | 3-56 | A8A7TB1T3 |
| 5940-877-8430 | | A8A4E4 | 5950-960-7339 | 3-56 | A8A7TB1T2 |
| 5940-877-8430 | | A8A4E5 | 5950-960-7339 | 3-56 | A8A7B1T4 |
| 5940-877-8430 | | A8A4E6 | 5950-960-7841 | 3-33 | A8A3A4S6 |
| 5940-903-5951 | | A8A4E54 | 5950-960-7848 | 3-33 | A8A3A4A2 |
| 5940-984-1791 | 3-67 | A8A4TB4 | 5950-960-7850 | 3-41 | A8A3L145 |
| 5945-105-4267 | | A8A4K6 | 5950-960-7859 | 3-32 | A8A3A4A2L143 |
| 5945-889-1179 | | A8A4K101 | 5950-978-6204 | 3-64 | A8AL111 |
| 5945-889-1180 | 3-65 | A8A4K102 | 5950-978-6205 | 3-64 | A8A1L110 |
| 5945-983-9145 | 3-67 | A8A4K1 | 5950-982-3748 | 3-11 | ASA5T1 |
| 5945-983-9145 | 3-67 | A8A4K3 | 5950-984-1111 | 3-67 | A8A4T1 |
| 5945-983-9145 | 3-67 | A8A4K4 | 5950-984-1787 | 3-29 | A8A3A10E5 |
| 5945-983-9145 | 3-67 | ASA4K5 | 5950-984-1787 | 3-30 | A8A3A11E7 |
| 5945-984-1796 | 3-50 | A8A5K1 | 5950-984-1787 | 3-35 | A8A3A12E11 |
| 5950-044-2428 | 3-41 | A8A3L5 | 5950-984-1787 | 3-24 | A8A3A9A2E1 |
| 5950-044-2429 | 3-41 | A8A3L4 | 5950-984-1787 | 3-28 | A8A3A9A3E3 |
| 5950-703-0907 | 3-67 | A8A4L1 | 5950-984-2278 | 3-45 | A8A5L1 |
| 5950-703-0907 | 3-67 | A8A4L2 | 5950-987-8827 | 3-67 | A8A4T3 |
| 5950-703-0907 | 3-67 | A8A4L3 | 5950-988-3058 | 3-65 | A8A4L112 |
| 5950-798-2558 | 3-67 | A8A4L4 | 5950-988-3059 | 3-65 | A8A4L109 |
| 5950-809-9357 | 3-64 | A8A4T101 | 5955-950-8569 | 3-60 | A8A7E7A2Y12 |
| 5950-812-0292 | 3-16 | A8A1T2 | 5960-617-5785 | | A8A3MP31 |
| 5950-828-1336 | 3-53 | A8A6A1L5 | 5960-960-7338 | 3-56 | A8A7TB1T1 |
| 5950-828-1343 | 3-61 | A8A7L34 | 5960-984-0422 | | A8A4MP37 |
| 5950-828-1343 | 3-61 | A8A7L35 | 5961-945-5436 | 3-67 | A8A4Q1 |
| 5950-828-1343 | 3-61 | A8A7L36 | 5961-945-5436 | 3-67 | A8A4Q2 |
| 5950-828-1343 | 3-61 | A8A7L37 | 5961-960-7835 | 3-34 | A8A3A4CR10 |
| 5950-950-4176 | 3-41 | A8A3L1 | 5961-960-7835 | 3-34 | A8A3A4CE9 |
| 5950-950-4176 | 3-41 | A8A3L2 | 5961-953-4485 | 3-33 | A8A3A4Q20 |
| 5950-950-4176 | 3-41 | A8A3L3 | 5961-953-4485 | 3-33 | A8A3A4Q21 |
| 5950-951-1391 | 3-16 | A8A1T3 | 5961-975-2158 | | A8A4TB6CR1 |
| 5950-951-7181 | 3-16 | A8A1T5 | 5965-985-3589 | | HT1 |

SECTION IV INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

| FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------------------------------|----------------------|----------------|-------------------------------------|
| 5970-143-3596 | | A8A1Q11H3 | 6740-618-6314 | | A8A4MP9 |
| 5971-117-5012 | | A5E4 | <u>REF NO.</u> | <u>MFG CO.</u> | <u>FIG NO.</u> ITEM NO. OR REF DES. |
| 5971-117-5012 | | A5E5 | AB396-1 | 12615 | A8A6A1E1 |
| 5975-727-5153 | | A8A4MP21 | AB396-1 | 12615 | A8A6A1E2 |
| 5975-836-3373 | | A8A4S102H1 | AB396-1 | 12615 | A8A6A1E3 |
| 5975-836-3373 | | A8A4S2H1 | AB396-1 | 12615 | A8A6A1E4 |
| 5975-987-8829 | | A8A4R1H | AB396-1 | 12615 | A8A6A1E5 |
| 5975-987-8829 | | A8A4S1H1 | AB396-1 | 12615 | |
| 5975-987-8830 | 1-1 | A4A1MP1 | AB396-1 | 12615 | A8A6E1E1 |
| 5985-087-2305 | 1-7 | A5 | AB396-1 | 12615 | A8A6E1E2 |
| 5985-087-2326 | 1-1 | A4 | AB396-1 | 12615 | A8A6E1E3 |
| 5985-987-9019 | | A8A4A6MP1 | AB396-1 | 12615 | A8A6E1E4 |
| 5995-082-0487 | 1-7 | W2 | AB396-1 | 12615 | A8A6E1E5 |
| 5995-087-2324 | 1-7 | W1 | AB396-1 | 12615 | A8A6E1E6 |
| 5995-087-2325 | 1-1 | W3 | AB396-1 | 12615 | A8A6E3 |
| 6110-960-7341 | 3-50 | A8A5TB1 | AB397-1A | 12615 | A8A3A4AE10 |
| 6130-088-1380 | 3-45 | A8A5E3 | AB397-1A | 12615 | A8A3A4A1E11 |
| 6130-088-1381 | 3-11 | A8A5E1 | AB397-1A | 12615 | A8A3A4A1E12 |
| 6135-087-2301 | | A2 | AB397-1A | 12615 | A8A3A4A1E9 |
| 6145-191-8397 | | A7A1E1W1 | AB397-1A | 12615 | A8A3A4A2E10 |
| 6145-191-8397 | | A7A2E1W1 | AB397-1A | 12615 | A8A3A4A2E11 |
| 6210-736-7715 | | A8A4MP58 | AB397-1A | 12615 | A8A3A4A2E12 |
| 6210-736-7715 | | A8A4MP59 | AB397-1A | 12615 | A8A3A4A2E9 |
| 6210-791-9380 | | A8A4MP51 | AB397-2 | 12615 | A8A7TB1E10 |
| 6210-791-9380 | | A8A4UP52 | AB397-2 | 12615 | A8A7TB1E11 |
| 6240-155-7836 | | A8A4DS1 | AB397-2 | 12615 | A8A7TB1E12 |
| 6240-155-7836 | | A8A4DS101 | AB397-2 | 12615 | A8A7TB1E13 |
| 6240-155-7836 | | A8A4DS102 | AB397-2 | 12615 | A8A7TB1E14 |
| 6240-155-7836 | | A8A4DS2 | AB397-2 | 12615 | A8A7TB1E15 |
| 6250-984-1092 | | A8A4A2 | AB397-2 | 12615 | A8A7TB1E16 |
| 6625-757-4344 | | A5E3 | AB397-2 | 12615 | A8A7TB1E17 |
| 6625-984-1076 | | A8A4M101 | AB397-2 | 12615 | A8A7TB1E18 |

SECTION IV INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS REFERENCE TO FIGURE AND ITEM NUMBER OR REFERENCE DESIGNATION (CONTINUED)

| FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|----------------|--|----------------------|---------------|---------------------------------|
| <u>REF NO.</u> | <u>MFG CO.</u> | <u>FIG NO.</u> <u>ITEM NO. OR REF DES.</u> | | | |
| AB397-2 | 12615 | A8A7TB1E2 | | | |
| AB397-2 | 12615 | A8A7TB1E3 | | | |
| AB397-2 | 12615 | A8A7TB1E4 | | | |
| AB397-2 | 12615 | ASA7TB1E5 | | | |
| AB397-2 | 12615 | A8A7TB1E6 | | | |
| AB397-2 | 12615 | A8A7TB1E7 | | | |
| AB397-2 | 12615 | A8A7TB1E8 | | | |
| AB397-2 | 12615 | A8A7TB1E9 | | | |
| AGC250-1-500 | 71400 | 3-67 A8A4F4 | | | |
| AG5-1-1-2Z | 00656 | 3-64 A8A4A6C105 | | | |
| AM3506PRC47 | 80058 | 3-4 A8A1 | | | |
| AM3507PRC47 | 80058 | 3-4 A8AQ | | | |
| ANPRC47 | 80058 | 1-1 | | | |
| AN960-616L | 88044 | ASA4A7H2 | | | |
| ARP567-009 | 83259 | A8A4MP28 | | | |
| ARP567-009 | 83259 | A8A4MP29 | | | |
| AS1320PRC47 | 80058 | 1-1 A4 | | | |
| AS1321PRC47 | 80058 | 1-7 A5 | | | |
| A12408 | 70674 | 3-45 A8A5L1 | | | |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| A12425 | 70674 | 3-16 | A8A1T2 | CK104 | 71590 | | A8A4FL2C230 | CK60AW102M | 81349 | | A8A4C21 |
| A12426 | 70674 | 3-16 | A8A1T3 | CK104 | 71590 | | A8A4FL2C234 | CK60AW102M | 81349 | | A8A4C22 |
| A12808 | 70671 | 3-16 | A8A1T5 | CK104 | 71590 | | A8A4FL2C235 | CK60AW102M | 81349 | | A8A4C23 |
| A51003 | 08289 | | A8A5TB1MP2 | CK104 | 71590 | | A8A4FL2C237 | CK60AW102M | 81349 | | A8A4C24 |
| A51043 | 08289 | | A8A5TB1MP3 | CK12BX472K | 81349 | 3-53 | A8A6A1C18 | CK60AW102M | 81349 | | A8A4C25 |
| A51048 | 08289 | | A8A7E2MP1 | CK12BX472K | 81349 | 3-53 | A8A6A1C23 | CK60AW102M | 81349 | 3-47 | A8A5E1C18 |
| A51048 | 08289 | | A8A7E2MP2 | CK12BX472K | 81349 | 3-53 | A8A6A1C26 | CK60AW102M | 81349 | 3-47 | A8A5E1C21 |
| A51048 | 08289 | | A8A7E6MP1 | CK13AX222M | 81349 | 3-53 | A8A6A1C22 | CL21BQ040SPE | 81349 | 3-20 | A8A2E1C4 |
| BC3069 | 97315 | 3-11 | A8A5T1 | CK13BX103K | 81349 | 3-52 | A8A6E1C35 | CL23BE400UNE | 81349 | 3-20 | A8A2E2C5 |
| BC3072 | 97315 | 3-67 | A8A4T1 | CK13BX103M | 81349 | 3-21 | A8A2C33 | CL24BJ180TP3 | 81349 | | A8A4C145 |
| BP906 | 99800 | 3-64 | A8A4L106 | CK13BX103M | 81349 | 3-33 | A8A3A4C318 | CL26BJ2R5TN3 | 81349 | 3-19 | A8A1E3C29 |
| BR7X300D2S2-26V | 09026 | | A8A4K2 | CK13BX103M | 81349 | 3-33 | A8A3A4C319 | CM04CD010D03 | 81349 | | A8A6E2C13 |
| B2A440-9C1 | 08664 | | A8A4MP22H2 | CK13BX103M | 81349 | 3-34 | A8A3A4C334 | CM04CD010D03 | 81349 | 3-52 | A8A6E2C9 |
| B2A440-9C1 | 00864 | | A8A4MP23H2 | CK13BX103M | 81349 | 3-33 | A8A3A4C335 | CM04CD010DC3 | 81349 | 3-55 | A8A7E2C200 |
| CC20CH120J | 81349 | 3-25 | A8A3A9A2C32 | CK13BX103M | 81349 | 3-33 | A8A3A4C336 | CM04CD010D03 | 81349 | 3-55 | A8A7E2C201 |
| CC20CH180J | 81349 | 3-25 | A8A3A9A2C31 | CK13BX103M | 81349 | 3-33 | A8A3A4C343 | CM04CD050D03 | 81349 | 3-32 | A8A3A4A6C299 |
| CC20UJ510F | 81349 | 3-29 | A8A3A10C85 | CK13BX103M | 81349 | 3-66 | A8A4A1C125 | CM04CD050D03 | 81349 | 3-32 | A8A3A4A2C301 |
| CC20UJ510F | 81349 | 3-35 | A8A3A12C139 | CK13BX103M | 81349 | 3-66 | A8A4A1C126 | CM04CD050D03 | 81349 | 3-32 | A8A3A4A2C303 |
| CC20UJ510F | 81349 | 3-35 | A8A3A12C141 | CK13BX103M | 81349 | | A8A4A7A1C107 | CM04CD050D03 | 81349 | 3-32 | A8A3A4A2C315 |
| CC20UJ510F | 81349 | 3-28 | A8A3A9A3C60 | CK13BX103M | 81349 | 3-56 | A8A7TB1C160 | CM04CD050D03 | 81349 | 3-32 | A8A3A4A2C317 |
| CC20UJ620F | 81349 | 3-30 | A8A3A11C112 | CK13BX103M | 81349 | 3-56 | A8A7TB1C161 | CM04CD050D03 | 81349 | 3-33 | A8A3A4C341 |
| CC20UJ620F | 81349 | 3-30 | A8A3A11C114 | CK13BX103M | 81349 | 3-56 | A8A7TB1C162 | CM04CD050D03 | 81349 | | A8A6E2C13 |
| CC30UJ680F | 81349 | 3-25 | A8A3A9A2C28 | CK13BX103M | 81349 | 3-56 | A8A7TB1C163 | CM04CD050D03 | 81349 | 3-52 | A8A6E2C9 |
| CC30UJ680F | 81349 | 3-28 | A8A3A9A3C58 | CK13BX103M | 81349 | 3-56 | A8A7TB1C164 | CM04CD050D03 | 81349 | 3-55 | A8A7E2C200 |
| CC30UJ7500F | 81349 | 3-29 | A8A3A110C87 | CK13BX103M | 81349 | 3-56 | A8A7TB1C165 | CM04CD050D03 | 81349 | 3-55 | A8A7E2C201 |
| CC30UJ750F | 81349 | 3-25 | A8A3A9A2C30 | CK13BX103M | 81349 | 3-56 | A8A7TB1C166 | CM04CD100D03 | 81349 | 3-33 | A8A3A4C339 |
| CF75961 | 23675 | | A4A1E1MP2 | CK13BX103M | 81349 | 3-56 | A8A7TB1C177 | CM04CD100D03 | 81349 | | A8A6E2C13 |
| CF75961 | 23675 | | A4A1E1MP3 | CK14BX223M | 81349 | 3-37 | A8A3E46C276 | CM04CD100D03 | 81349 | 3-52 | A8A6E2C9 |
| CF75961 | 23675 | | A4A1E1MP4 | CK14BX223M | 81349 | 3-37 | A8A3E46C281 | CM04CD100D03 | 81349 | 3-55 | A8A7E2C200 |
| CF75971 | 23675 | | A4A1E1MP6 | CK14BX223M | 81349 | 3-38 | A8A3E47C144 | CM04CD0100D3 | 81349 | 3-55 | A8A7E2C201 |
| CF75981 | 23675 | | A4A1E1MP7 | CK14BX223M | 31349 | 3-38 | A8A3E47C153 | CM04CD120J03 | 81349 | 3-31 | A8A3A4A1C305 |
| CF75981 | 23675 | | A4A1E1MP8 | CK14BX223M | 81349 | 3-22 | A8A3TB1C63 | CM04CD120J03 | 81349 | 3-31 | A8A3A4A1C307 |
| CF75981 | 23675 | | A4A1E1MP9 | CK14BX223M | 81349 | 3-22 | A8A3TB1C66 | CM04CD120J03 | 81349 | 3-31 | A8A3A4A1C309 |
| CF75991 | 23675 | | A4A1E1MP5 | CK14BX223M | 81349 | 3-67 | A8A4C2 | CM04CD120J03 | 81349 | 3-31 | A8A3A4A1C311 |
| CF76991 | 23675 | | A4A1E1MP1 | CK14BX223M | 81349 | 3-52 | A8A6E1C32 | CM04CD120J03 | 81349 | 3-31 | A8A3A4A1C313 |
| CH474PRC47 | 80058 | | A8A4 | CK15BX104M | 81349 | 3-41 | A8A3C189 | CM04CD120J03 | 81349 | | A8A6E2C13 |
| CK104 | 71590 | | A8A4FL2C227 | CK60AW102M | 81349 | 3-21 | A8A2E3C30 | CM04CD120J03 | 81349 | 3-52 | A8A6E2C9 |
| CK104 | 71590 | | A8A4FL2C229 | CK60AW102M | 81349 | | A8A4C20 | CM04CD150J03 | 81349 | 3-31 | A8A3A4A1C305 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| CM04CD150J03 | 81349 | 3-31 | A8A3A4A1C307 | CM0LED270G03 | 81349 | 3-32 | A8A3A4A2C315 | CM04FD101F03 | 81349 | 3-32 | A8A3ALA2C299 |
| CM04CD150J03 | 81349 | 3-31 | A8A3A4A1C309 | CM04ED270G03 | 81349 | 3-32 | A8A3A4A2C317 | CM04FD101F03 | 81349 | 3-32 | A8A3A4A2C301 |
| CM04CD150J03 | 81349 | 3-31 | A8A3A4A1C311 | CM04ED300G03 | 81349 | 3-31 | A8A3A4A1C312 | CM04FD101F03 | 81349 | 3-32 | A8A3A4A2C303 |
| CM04CD150J03 | 81349 | 3-31 | A8A3A4A1C313 | CM04ED360G03 | 81349 | 3-34 | A8A3A4C329 | CM04FD101F03 | 81349 | 3-32 | A8A3A4A2C315 |
| CM04CD150J03 | 81349 | 3-32 | A8A3A4A2C299 | CM04ED360G03 | 81349 | 3-33 | A8A3A4C345 | CM04FD101F03 | 81349 | 3-32 | A8A3ALA2C317 |
| CM04CD150J03 | 81349 | 3-32 | A8A3A4A2C301 | CM04ED390G03 | 81349 | 3-31 | A8A3ALA1C305 | CM04FD111F03 | 81349 | 3-32 | A8A3A4A2C299 |
| CM04CD150J03 | 81349 | 3-32 | A8A3A4A2C303 | CM04ED290G03 | 81349 | 3-31 | A8A3A4A1C307 | CM04FD111F03 | 81349 | 3-32 | A8A3A4A2C301 |
| CM04CD150J03 | 81349 | 3-32 | A3AA3A4A2C315 | CM04ED290G03 | 81349 | 3-31 | A8A3A4A1C309 | CM04FD111F03 | 81349 | 3-32 | A8A3A4A2C303 |
| CM04CD150J03 | 81349 | 3-32 | A8A3A4A2C316 | CM04ED390G03 | 81349 | 3-31 | A8A3A4A1C311 | CM04FD111F03 | 81349 | 3-32 | A8A3A4A2C315 |
| CM04CD150J03 | 81349 | 3-32 | A8A3A4A2C317 | CM04ED390003 | 81349 | 3-31 | A8A3ALA1C3i3 | CM04FD111F03 | 81349 | 3-32 | A8A3A4A2C317 |
| CM04CD150J03 | 81349 | | A8A6E2C13 | CM04ED430G03 | 81349 | 3-31 | A8A3A4A1C310 | CM04FD111F03 | 81349 | 3-33 | A8A3A4C337 |
| CM04CD150J03 | 81349 | 3-52 | A8A6E2C9 | CM04ED430G03 | 81349 | 3-34 | A8A3A4C328 | CM04FD121F03 | 81349 | 3-32 | A8A3A4A2C302 |
| CM04CD150J03 | 81349 | 3-55 | A8A7E2C200 | CM04ED470G03 | 81349 | 3-34 | A8A3A4C327 | CM04FD121F03 | 81349 | 3-34 | A8A3A4C323 |
| CM04CD150J03 | 81349 | 3-55 | A8A7E2C201 | CM04ED510F03 | 81349 | 3-31 | A8A3A4A1C305 | CM04FD131F03 | 81349 | 3-32 | A8A3A4A2C299 |
| CM04ED200J03 | 81349 | 3-32 | A8A3A4A2C299 | CM04ED510F03 | 81349 | 3-31 | A8A3A4A1C307 | CM04FD131F03 | 81349 | 3-32 | A8A3A4A2C301 |
| CM04ED200J03 | 81349 | 3-32 | A8A3A4A2C301 | CM04ED510F03 | 81349 | 3-31 | A8A3A4A1C309 | CM04FD131F03 | 81349 | 3-32 | A8A3A4A2C303 |
| CM04ED200J03 | 81349 | 3-32 | A8A3A4A2C303 | CM04ED510F03 | 81349 | 3-31 | A8A3A4A1C311 | CM04FD131F03 | 81349 | 3-32 | A8A3A4A2C315 |
| CM04ED200J03 | 81349 | 3-32 | A8A3A4A2C314 | CM04ED510F03 | 81349 | 3-31 | A8A3A4A1C313 | CM04FD131F03 | 81349 | 3-32 | A8A3A4A2C317 |
| CM04ED200J03 | 81349 | 3-32 | A8A3A4A2C315 | CM04ED620F03 | 81349 | 3-31 | A8A3A4A1C308 | CM04FD151F03 | 81349 | 3-32 | A8A3A4A2C299 |
| CM04ED200J03 | 81349 | 3-32 | A8A3A4A2C317 | CM04ED620F03 | 81349 | 3-32 | A8A3A4A2C299 | CM04FD151F03 | 81349 | 3-32 | A8A3A4A2C300 |
| CM04ED220J03 | 81349 | 3-31 | A8A3A4A1C305 | CM04ED620F03 | 81349 | 3-32 | A8A3A4A2C301 | CM04FD151F03 | 81349 | 3-32 | A8A3A4A2C301 |
| CM04ED220J03 | 81349 | 3-31 | A8A3A4A1C307 | CM04ED620F03 | 81349 | 3-32 | A8A3A4A2C303 | CM04FD151F03 | 81349 | 3-32 | A8A3A4A2C303 |
| CM04ED220J03 | 81349 | 3-31 | A8A3A4A1C309 | CM04ED620F03 | 81349 | 3-32 | A8A3A1A2C315 | CM04FD151F03 | 81349 | 3-32 | A8A3A4A2C315 |
| CM04ED220J03 | 81349 | 3-31 | A8A3A4A1C311 | CM04ED620F03 | 81349 | 3-32 | A8A3A4A2C317 | CM04FD151F03 | 81349 | 3-32 | A8A3A4A2C317 |
| CM04ED220J03 | 81349 | 3-31 | A8A3A4A1C313 | CM04ED620F03 | 81349 | 3-34 | A8A3A4C325 | CM04FD151F03 | 81349 | 3-31 | A8A3A4C322 |
| CM04ED240J03 | 81349 | 3-32 | A8A3A4A2C299 | CM04ED620F03 | 81349 | 3-34 | A8A3A4C326 | CM04FD241F03 | 81349 | 3-31 | A8A3A4C321 |
| CM04ED240J03 | 81349 | 3-32 | A8A3A4A2C301 | CM04ED680F03 | 81349 | 3-34 | A8A3ALC340 | CM04FD910F03 | 81349 | 3-32 | A8A3A4A2C299 |
| CM04ED240J03 | 81349 | 3-32 | A8A3A4A2C303 | CM04ED820F03 | 81349 | 3-32 | A8A3A4A2C299 | CM04FD910F03 | 81349 | 3-32 | A8A3A4A2C301 |
| CM04ED240J03 | 81349 | 3-32 | A8A3A4A2C315 | CM04ED820F03 | 81349 | 3-32 | A8A3A4A2C301 | CM04FD910F03 | 81349 | 3-32 | A8A3A4A2C303 |
| CM04ED240J03 | 81349 | 3-32 | A8A3A4A2C317 | CM04ED820F03 | 81349 | 3-32 | A8A3A4A2C303 | CM04FD910F03 | 81349 | 3-32 | A8A3A4A2C315 |
| CM04ED270G03 | 81349 | 3-31 | A8A3A4A1C305 | CM04ED820F03 | 81349 | 3-32 | A8A3A4A2C315 | CM04FD910F03 | 81349 | 3-32 | A8A3A4A2C317 |
| CM04ED270G03 | 81349 | 3-31 | A8A3A4A1C307 | CM04ED82F003 | 81349 | 3-32 | A8A3A4A2C317 | CM05CD050D03 | 81349 | 3-37 | A8A3E46C280 |
| CM04ED270G03 | 81349 | 3-31 | A8A3A4A1C309 | CM04ED820F03 | 81349 | 3-34 | P8A3A4C324 | CM05CD050D03 | 81349 | | A8A6C14 |
| CM04ED270G03 | 81349 | 3-31 | A8A3A4A1C311 | CM04FA331F03 | 81349 | 3-31 | A8A3A4C3L9 | CM05CD050D03 | 81349 | | A8A6C20 |
| CM04ED270G03 | 81349 | 3-31 | A8A3A4A1C313 | CM04FA361F03 | 81349 | 3-32 | A8A3A4A2C298 | CM05CD050D03 | 81349 | | A8A6C23 |
| CM04ED270G03 | 81349 | 3-32 | A8A3A4A2C299 | CM04FA361F03 | 81349 | 3-34 | A8A3A4C320 | CM05CD050D03 | 81349 | | A8A6C29 |
| CM04ED270GC3 | 81349 | 3-32 | A8A3A4A2C301 | CM04FD101F03 | 81349 | 3-31 | A8A3AA11C304 | CM05CD050D03 | 81349 | | A8A6C3L |
| CM04ED270G03 | 81349 | 3-32 | A8A3A4A2C303 | CM04FD101F03 | 81349 | 3-31 | A8A3A4A1C306 | CM05CD050D03 | 81349 | 3-59 | A8A7E6C100 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| CM05CD050D03 | 81349 | 3-59 | A8A7E6C101 | CM05ED220J03 | 81349 | 3-57 | A8A7E4C68 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C138 |
| CM05CD100D03 | 81349 | 3-38 | A8A3E47C165 | CM05ED220J03 | 81349 | 3-57 | A8A7E4C70 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C110 |
| CM05CD110D03 | 81349 | | A8A6C14 | CM05ED240J03 | 81349 | | A8A6C11 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C142 |
| CM05CD100D03 | 81349 | | A8A6200 | CM05ED240J03 | 81349 | | A8A6C20 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C144 |
| CM05CD100D03 | 81349 | | A8A6C23 | CM05ED240J03 | 81349 | | A8A6C23 | CM05ED300G0 3 | 81349 | 3-60 | A8A7E7A1C146 |
| CM05CD100D03 | 81349 | | A8A6C29 | CM05ED240J03 | 81349 | | A8A6C29 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C148 |
| CM05CD01D03 | 81349 | | A8A6C34 | CM05ED240J03 | 81349 | | A8A6C34 | CM05ED300C03 | 81349 | 3-60 | A8A7E7A1C150 |
| CM05CD100D3 | 81349 | 3-57 | A8A7E4C56 | CM05ED270G03 | 81349 | 3-29 | A8A3A10C81 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C152 |
| CM05CD100D3 | 81349 | 3-58 | A8A7E5C71 | CM05ED270G03 | 81349 | 3-30 | A8A3A11C104 | CM05ED300J03 | 81349 | 3-20 | A8A2E1C36 |
| CM05CD120J03 | 81349 | | A8A6C14 | CM05ED270G03 | 81349 | 3-30 | A8A3A11C110 | CM05ED300J03 | 81349 | | A8A6C14 |
| CM05CD120J03 | 81349 | | A8A6C20 | CM05ED270G03 | 81349 | 3-26 | A8A3A9A1C9 | CM05ED300J03 | 81349 | | A8A6C20 |
| CM05CD120J03 | 81349 | | A8A6C23 | CM05ED270G03 | 81349 | 3-28 | A8A3A9A3C56 | CM05ED300J03 | 81349 | | A8A6C23 |
| CM05CD120J03 | 81349 | | A8A6C29 | CM05ED270G03 | 81349 | 3-23 | A8A3TB2C187 | CM05ED300J03 | 81349 | | A8A6C29 |
| CM05CD120J03 | 81349 | | A8A6C34 | CM05ED270J03 | 81349 | 3-20 | A8A2E1C36 | CM05ED300J03 | 81349 | | A8A6C34 |
| CM05CD180J03 | 81349 | 3-20 | A8A2E1C36 | CM05ED270J03 | 81349 | 3-20 | A8A2E1C9 | CM05ED330G03 | 81349 | 3-29 | A8A3A10C77 |
| CM05CD180J03 | 81349 | | A8A6C14 | CM05ED270J03 | 81349 | 3-36 | A8A3A13C261 | CM05ED330G03 | 81349 | 3-29 | A8A3A10C83 |
| CM05CD180J03 | 81349 | | A8A6C20 | CM05ED270J03 | 81349 | | A8A6C14 | CM05ED330G03 | 81349 | 3-26 | A8A3A9A1C7 |
| CM05CD180J03 | 81349 | | A8A6C23 | CM05ED270J03 | 81349 | | A8A6C20 | CM05ED330G03 | 81349 | 3-28 | A8A3A9A3C54 |
| CM05CD180J03 | 81349 | | A8A6C29 | CM05ED270J03 | 81349 | | A8A6C23 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C114 |
| CM05CD180J03 | 81349 | | A8A6C31 | CM05ED270J03 | 81349 | | A8A6C29 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C116 |
| CM05CD180J03 | 81349 | 3-54 | A8A7E1C12 | CM05ED270J03 | 81349 | | A8A6C34 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C118 |
| CM05CD180J03 | 81349 | 3-54 | A8A7E1C16 | CM05ED270J03 | 81349 | 3-51 | A8A7E1C3 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C120 |
| CM05ED200J03 | 81349 | 3-36 | A8A3A13C263 | CM05ED300G03 | 81349 | 3-26 | A8A3A9A1C8 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C122 |
| CM05ED200J03 | 81349 | 3-26 | A8A3A9A1C10 | CM05ED300G03 | 81349 | 3-24 | A8A3A9A2C22 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C124 |
| CM05ED200J03 | 81349 | 3-38 | A8A3E47C180 | CM05ED300G03 | 81349 | 3-24 | A8A3A9A2C24 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C126 |
| CM05ED200J03 | 81349 | | A8A6C14 | CM05ED300G03 | 81349 | 3-24 | A8A3A9A2C26 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C128 |
| CM05ED200J03 | 81349 | | A8A6C20 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C114 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C130 |
| CM05ED200J03 | 81349 | | A8A6C23 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C116 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C132 |
| CM05ED200J03 | 81349 | | A8A6C29 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C118 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C134 |
| CM05ED200J03 | 81349 | | A8A6C34 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C120 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C136 |
| CM05ED200J03 | 81349 | 3-54 | A8A7E1C2 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C122 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C138 |
| CM05ED220J03 | 81349 | 3-20 | A8A2E1C36 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C124 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C140 |
| CM05ED220J03 | 81349 | | A8A6C14 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C126 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C142 |
| CM05ED220J03 | 81349 | | A8A6C20 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C128 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C144 |
| CM05ED220J03 | 81349 | | A8A6C23 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C130 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C146 |
| CM05ED220J03 | 81349 | | A8A6C29 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C132 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C148 |
| CM05ED220J033 | 81349 | | A8A6C34 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C134 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C150 |
| CM05ED220J03 | 81349 | 3-57 | A8A7E4C66 | CM05ED300G03 | 81349 | 3-60 | A8A7E7A1C136 | CM05ED330G03 | 81349 | 3-60 | A8A7E7A1C152 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | REF NO. | MFG CO. | | | FIG NO. | REF NO. | | | MFG CO. | FIG NO. | |
| CM05ED330J03 | 81349 | 3-20 | A8A2E136 | CM05ED390G03 | 81349 | 3-60 | A8A7E7A1C118 | CM05ED430G03 | 81349 | 3-60 | A8A7E7A1C128 |
| CM05ED330J03 | 81349 | | A8A6C14 | CM05ED390G03 | 81349 | 3-60 | A8A7E7A1C120 | CM05ED430G03 | 81349 | 3-60 | A8A7E7A1C130 |
| CM05ED330J03 | 81349 | | A8A6C20 | CM05ED390G03 | 81349 | 3-60 | A8A7E7AC122 | CM05ED430G03 | 81349 | 3-60 | A8A7E7A1C132 |
| CM05ED330J03 | 81349 | | A8A6C23 | CM05ED390G03 | 81349 | 3-60 | A8A7E7A1C124 | CM05ED430G03 | 81349 | 3-60 | A8A7E7A1C134 |
| CM05ED330J03 | 81349 | | A8A6C29 | CM05ED390G03 | 81349 | 3-60 | A8A7E7A1C126 | CM05ED430G03 | 81349 | 3-60 | A8A7E7A1C136 |
| CM05ED330J03 | 81349 | | A8A6C34 | CM05ED290G03 | 81349 | 3-60 | A8A7E7A1C128 | CM05ED430G03 | 81349 | 3-60 | A8A7E7A1C138 |
| CM05ED360G03 | 81349 | 3-26 | A8A3A9A1C6 | CM05ED390G03 | 81349 | 3-60 | A8A7E7A11C130 | CM05ED430G03 | 81349 | 3-60 | A8A7E7A1C140 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C114 | CM05ED390G03 | 81349 | 3-60 | A8A7E7A1C132 | CM05ED430G03 | 81349 | 3-60 | A8A7E7A1C142 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C116 | CM05ED390G03 | 81349 | 340 | A8A7E7A1C134 | CM05ED430G03 | 81349 | 3-60 | A8A7E7A1C144 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C18 | CM05ED390G03 | 81349 | 3-60 | A8A7E7A1C136 | CM05ED430G03 | 81349 | 3-60 | A8A7E7A1C146 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C120 | CM05ED390G03 | 81349 | 3-60 | A8A7E7A1C138 | CM05ED430G03 | 81349 | 3-60 | A8A7E7A1C148 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C122 | CM05ED390G03 | 81349 | 3-60 | A8A7E7A1C10 | CM05ED430G03 | 81349 | 3-60 | A8A7E7A1C150 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1 C124 | CM05ED390G03 | 81349 | 3-60 | A8A7E7A1C142 | CM05ED430G03 | 81349 | 3-60 | A8A7E7A1C152 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C126 | CM05ED390G03 | 81349 | 3-60 | A8A7E7A1C144 | CM05ED430J03 | 81349 | | A8A6C14 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C128 | CM05ED390G03 | 81349 | 3-60 | A8A7E7A1C146 | CM05ED430J03 | 81349 | | A8A6C20 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C130 | CM05KD390G03 | 81349 | 3-60 | A8A7E7A1C148 | CM05ED430J03 | 81349 | | A8A6C23 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7AC132 | CM05ED390G03 | 81349 | 3-60 | A8A7E7A1C150 | CM05ED430J03 | 81349 | | A8A6C29 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C134 | CM05ED390G03 | 81349 | 3-60 | A8A7E7A1C152 | CM05ED430J03 | 81349 | | A8A6C34 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C136 | CM05ED390J03 | 81349 | | A8A6414 | CM05ED470J03 | 81349 | | A8A6C14 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C138 | CM05ED390J03 | 81349 | | A8A6C20 | CM05ED470J03 | 81349 | | A8A6C20 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C140 | CM05ED390J03 | 81349 | | A8A6C23 | CM05ED470J03 | 81349 | | A8A6C23 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C142 | CM05ED390J03 | 81349 | | A8A6C29 | CM05ED470J03 | 81349 | | A8A6C29 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1144 | CM05ED390J03 | 81349 | | A8A6C34 | CM05ED470J03 | 81349 | | A8A6C34 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C146 | CM05ED390J03 | 81349 | 3-57 | A8A7E4C65 | CM05ED510G03 | 81349 | 3-30 | A8A3A11C111 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C148 | CM05ED390J03 | 81349 | 3-57 | A8A7E4C67 | CM05ED510G03 | 81349 | 3-26 | A8A3A9A1C4 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C150 | CM05ED390J03 | 81349 | 3-57 | A8A7E4C69 | CM05ED510J03 | 81349 | | A8A6C14 |
| CM05ED360G03 | 81349 | 3-60 | A8A7E7A1C152 | CM05ED390J03 | 81349 | 3-59 | A8A7E6C104 | CM05ED510J03 | 81349 | | A8A6C20 |
| CM05ED360J03 | 81349 | 3-20 | A8A2E1C36 | CM05ED390J03 | 81349 | 3-59 | A8A7E6C106 | CM05ED510J03 | 81349 | | A8A6C23 |
| CM05ED360J03 | 81349 | | A8A6C14 | CM05ED390J03 | 81349 | 3-59 | A8A7E6C108 | CM05ED510J03 | 81349 | | A8A6C29 |
| CM05ED360J03 | 81349 | | A8A6C20 | CM05ED430G03 | 81349 | 3-30 | A8A3A11C108 | CM05ED510J03 | 81349 | | A8A6C34 |
| CM05ED360J03 | 81349 | | A8A6C23 | CM05ED430G03 | 81349 | 3-26 | A8A3A9A1C5 | CM05ED560G03 | 81349 | 3-30 | A8A3A11C98 |
| CM05ED360J03 | 81349 | | A8A6C29 | CM05ED430G03 | 81349 | 3-60 | A8A7E7A1C114 | CM05ED560G03 | 81349 | 3-35 | A8A3A12C137 |
| CM58ED360J03 | 81349 | | A8A6C34 | CM05ED430G03 | 81349 | 3-60 | A8A7E7A1C116 | CM05ED560G03 | 81349 | 3-25 | A8A3A9A2C27 |
| CM05ED360J03 | 81349 | 3-58 | A8A7E5C91 | CM05ED830G03 | 81349 | 3-60 | A8A7E7A1C118 | CM05ED560G03 | 81349 | 3-28 | A8A3A9A3C44 |
| CM05ED390G03 | 81349 | 3-29 | A8A3A10C79 | CM05ED830G03 | 81349 | 3-60 | A8A7E7A1C120 | CM05ED560J03 | 81349 | | A8A6C14 |
| CM05ED390G03 | 81349 | 3-36 | A8A3A13C259 | CM05ED830G03 | 81349 | 3-60 | A8A7E7A1C122 | CM05ED560J03 | 81349 | | A8A6C20 |
| CM05ED390G03 | 81349 | 3-60 | A8A7E7A1C114 | CM05ED830G03 | 81349 | 3-60 | A8A7E7A1C124 | CM05ED560J03 | 81349 | | A8A6C23 |
| CM05ED390G03 | 81349 | 3-60 | A8A7E7A1C116 | CM05ED830G03 | 81349 | 3-60 | A8A7E7A1C126 | CM05ED560J03 | 81349 | | A8A6C29 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| CM05ED560J03 | 81349 | | A8A6C34 | CM05ED820G03 | 81349 | 3-29 | A83A100C86 | CM05FD131J03 | 81349 | | A8A6C14 |
| CM05ED560J03 | 81349 | 3-58 | A8A7E5C89 | CM05ED820G03 | 81349 | 3-25 | A8A3A9A2C29 | CM05FD131J03 | 81349 | | A8A6C20 |
| CM05ED620G03 | 81349 | 3-30 | A8A3A11C100 | CM05ED820G03 | 81349 | 3-28 | A8A3A9A3C59 | CM05FD131J03 | 81349 | | A8A6C23 |
| CM05ED620G03 | 81349 | 3-30 | A8A3A11C106 | CM05ED820J03 | 81349 | 3-39 | A8A3E48C162 | CM05FD131J03 | 81349 | | A8A6C29 |
| CM05ED620G03 | 81349 | 3-30 | A8A3A11C113 | CM05ED820J03 | 81349 | 3-39 | A8A3E48C174 | CM05FD131J03 | 81349 | | A8A6C34 |
| CM05ED620G03 | 81349 | 3-36 | A8A3A13C257 | CM05ED820J03 | 81349 | | A8A6C14 | CM05FD13L103 | 81349 | 3-58 | A8A7E5C81 |
| CM05ED620G03 | 81349 | 3-28 | A8A3A9A3C48 | CM05ED820J03 | 81349 | | A8A6C20 | CM05FD151G03 | 81349 | 3-26 | A8A3A9A1C1 |
| CM05ED620J03 | 81349 | | A8A6C14 | CM05ED820J03 | 81349 | | A8A6C23 | CM05FD151G03 | 81349 | 3-39 | A8A3E48C168 |
| CM05ED620J03 | 81349 | | A8A6C20 | CM05ED820J03 | 81349 | | A8A6C29 | CM05FD151J03 | 81349 | | A8A6C14 |
| CM05ED620J03 | 81349 | | A8A6C23 | CM05ED820J03 | 81349 | | A8A6C34 | CM05FD153J03 | 81349 | | A8A6C20 |
| CM05ED620J03 | 81349 | | A8A6C29 | CM05ED820J03 | 81349 | 3-58 | A8A7E5C85 | CM05FD151J03 | 81349 | | A8A6C23 |
| CM05ED620J03 | 81349 | | A8A6C34 | CM05FD101G03 | 81349 | 3-21 | A8A2E3C14 | CM05FD151J03 | 81349 | | A8A6C29 |
| CM05ED680C03 | 81349 | 3-26 | A8A3A9A1C3 | CM05FD101G03 | 81349 | 3-26 | A8A3A9A1C2 | CM05FD151J03 | 81349 | | A8A6C34 |
| CM05ED680G03 | 81349 | 3-28 | A8A3A9A3C50 | CM05FD101J03 | 81349 | 3-37 | A8AA346C246 | CM05FD151J03 | 81349 | 3-55 | A8A7E2C28 |
| CM05ED680G03 | 81349 | 3-28 | A8A3A9A3C52 | CM05FD101J03 | 81349 | 3-37 | A8A3E46C268 | CM05FD151J03 | 81349 | 3-55 | A8A7E2C34 |
| CM05ED680G03 | 81349 | 3-28 | A8A3A9A3C57 | CM05FD101J03 | 81349 | 3-37 | A8A3E46C271 | CM05FD1610G3 | 81349 | 3-39 | A8A3E148C168 |
| CM05ED680J03 | 81349 | 3-66 | A8A4A1C140 | CM05FD101J03 | 81349 | 3-53 | A8A6A1C17 | CM051D161G03 | 81349 | 3-58 | A8A7E5C79 |
| CM05ED680J03 | 81349 | | A8A6C14 | CM05FD101J03 | 81349 | 3-53 | A8BA6A1C19 | CM05FD161J03 | 81349 | | A8A6C14 |
| CM05ED680J03 | 81349 | | A8A6C20 | CM05FD101J03 | 81349 | | A8A6C14 | CM05FD161J03 | 81349 | | A8A6C20 |
| CM05ED680J03 | 81349 | | A8A6C23 | CM05FD101J03 | 81349 | | A8A6C20 | CM05FD161J03 | 81349 | | A8A6C23 |
| CM05ED680J03 | 81349 | | A8A6C29 | CM05FD101J03 | 81349 | | A8A6C23 | CM05FD161J03 | 81349 | | A8A6C29 |
| CM05ED680J03 | 81349 | | A8A6C34 | CM05FD101J03 | 81349 | | A8A6C29 | CM05FD163J03 | 81349 | | A8A6C34 |
| CM05ED680J03 | 81349 | 3-58 | A8A7E5C87 | CM05FD101J03 | 81349 | | A8A6C34 | CM05FD181G03 | 81349 | 3-29 | A8A3A10C71 |
| CM05ED680J03 | 81349 | 3-56 | A8A7TB1C169 | CM05FD101J03 | 81349 | 3-52 | A8A6E2C6 | CM05FD181G03 | 81349 | 3-59 | A8A7E6C97 |
| CM05ED680J03 | 81349 | 3-56 | A8A7TB1C170 | CM05FD101J03 | 81349 | 3-52 | A8A6E2C7 | CM05FD181G03 | 81349 | 3-59 | A8A7E6C99 |
| CM05ED680J03 | 81349 | 3-56 | A8A7TB1C172 | CM05FD111J03 | 81349 | | A8A6C14 | CM05FD181J03 | 81349 | 3-37 | A8A3E46C270 |
| CM05ED680J03 | 81349 | 3-56 | A8A7TB1C174 | CM05FD111J03 | 81349 | | A8A6C20 | CM05FD181J03 | 81349 | 3-37 | A8A3E46C273 |
| CM05ED750G03 | 81349 | 3-29 | A8A3A10C75 | CM05FD111J03 | 81349 | | A8A6C23 | CM05FD181J03 | 81349 | | A8A6C14 |
| CM05ED750G03 | 81349 | 3-35 | A8A3A12C135 | CM05FD111J03 | 81349 | | A8A6C29 | CM05FD181J03 | 81349 | | A8A6C20 |
| CM05ED750G03 | 81349 | 3-35 | A8A3A12C140 | CM05FD111J03 | 81349 | | A8A6C34 | CM05FD181J03 | 81349 | | A8A6C23 |
| CM05ED750G03 | 81349 | 3-28 | A8A3A9A3C46 | CM05FD111J03 | 81349 | 3-58 | A8A7E5C83 | CM05FD181J03 | 81349 | | A8A6C29 |
| CM05ED750G03 | 81349 | 3-39 | A8A3E48C169 | CM05FD121G03 | 81349 | 3-39 | A8A3E48C168 | CM05FD181J03 | 81349 | | A8A6C34 |
| CM05ED750G03 | 81349 | 3-39 | A83E48C184 | CM05FD121J03 | 81349 | | A8A6C14 | CM05FD181J03 | 81349 | 3-54 | A8A7E1C157 |
| CM05ED750J03 | 81349 | | A8A6C14 | CM05FD121J03 | 81349 | | A8A6C20 | CM05FD201G03 | 81349 | 3-58 | A8A7E5C77 |
| CM05ED750J03 | 81349 | | A8A6C20 | CM05FD121J03 | 81349 | | A8A6C23 | CM05FD201G03 | 81349 | 3-56 | A8A7TB1C171 |
| CM05ED750J03 | 81349 | | A8A6C23 | CM05FD121J03 | 81349 | | A8A6C29 | CM05FD201G03 | 81349 | 3-56 | A8A7TB1C1T3 |
| CM05ED750J03 | 81349 | | A8A6C29 | CM05FD121J03 | 81349 | | A8A6C34 | CM05FD201G03 | 81349 | 3-56 | A8A7TB1C175 |
| CM05ED750J03 | 81349 | | A86C34 | CM05FD131G03 | 81349 | 3-39 | A8A3E48C168 | CM05FD201G03 | 81349 | | A8A6C14 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | | | ITEM NO OR REF DES. | REF NO. | | | ITEM NO OR REF DES. | REF NO. | | | ITEM NO OR REF DES. |
| CM05FD201J03 | 81349 | | A8A6C20 | CM05FD271J03 | 81349 | 3-55 | A8A7E2C33 | CM06FD272F03 | 81349 | 3-52 | A8A6E1C33 |
| CM05FD201J03 | 81349 | | A8A6C23 | CM05FD301J03 | 81349 | | A8A6C14 | CM06FD302F03 | 81349 | 3-17 | A8A1E1C19 |
| CM05FD201J03 | 81349 | | A8A6C29 | CM05FD301J03 | 81349 | | A8A6C20 | CM06FD751J03 | 81349 | | A8A6C14 |
| CM05FD201J03 | 81349 | | A8A6C34 | CM05FD301J03 | 81349 | | A8A6C23 | CM06FD751J03 | 81349 | | A8A6C20 |
| CM05FD221G03 | 81349 | 3-39 | A8A3E48C167 | CM05FD301J03 | 81349 | | A8A6C29 | CM06FD751J03 | 81349 | | A8A6C23 |
| CM05FD221G03 | 81349 | 3-39 | A8A3E48C170 | CM05FD301J03 | 81349 | | A8A6C34 | CM06FD751J03 | 81349 | | A8A6C29 |
| CM05FD221G03 | 81349 | 3-39 | A8A3E48C172 | CM05FD331J03 | 81349 | | A8A6C14 | CM06FD751J03 | 81349 | | A8A6C34 |
| CM05FD221G03 | 81349 | 3-56 | A8A7TB1C167 | CM05FD331J03 | 81349 | | A8A6C20 | CM60B622J01 | 81349 | 3-64 | A5A4C122 |
| CM05FD221G03 | 81349 | 3-56 | A8A7TB1C176 | CM05FD331J03 | 81349 | | A8A6C23 | CR14M2277 | 99155 | | A8A4109W1 |
| CM05FD221J03 | 81349 | 3-20 | A88A2E1C7 | CM05FD331J03 | 81349 | | A8A6C29 | CR14M2277 | 99155 | | A8A4110W1 |
| CM05FD221J03 | 81349 | 3-20 | A8A2E1C8 | CM05FD331J03 | 81349 | | A8A6C34 | CR14M2277 | 99155 | | A8A4111W1 |
| CM05FD221J03 | 81349 | 3-21 | A8A2E4C22 | CM05FD361G03 | 81349 | 3-58 | A8A7E5C73 | CR14M2277 | 99155 | | A8A4112W1 |
| CM05FD221J03 | 81349 | 3-21 | A8A2E5C27 | CM05FD361J03 | 81349 | | A88A6C1 | CV1377APRC47 | 80058 | 3-4 | A8A3 |
| CM05FD221J03 | 81349 | 3-21 | A8A2E5C32 | CM05FD361J03 | 81349 | | A8A6C20 | CX8393PRC47 | 80058 | 1-7 | W1 |
| CM05FD221J03 | 81349 | 3-53 | A8A6A1C40 | CM05FD361J03 | 81349 | | A8A6C23 | CX8394PRC47 | 80958 | 1-7 | W2 |
| CM05FD221J03 | 81349 | | A8A6C14 | CM05FD361J03 | 81349 | | A8A6C29 | CX8395PRC47 | 80058 | 1-1 | W3 |
| CM05FD221J03 | 81349 | | A8A6C20 | CM05FD361J03 | 81349 | | A8A6C34 | CY3700PRC47 | 80058 | 1-4 | A1 |
| CM05FD221J03 | 81349 | | A8A6C23 | CM05FD391G03 | 81349 | 3-21 | A8A2E3C11 | C023B102P223Z | 56289 | 3-40 | A8A3C117 |
| CM05FD221J03 | 81349 | | A8A6C29 | CM05FD391G03 | 81349 | 3-21 | A8A2E5C24 | C023B102P223Z | 56289 | 3-40 | A8A3C292 |
| CM05FD221J03 | 81349 | | A8A6C34 | CM05FD391G03 | 81349 | 3-35 | A8A3A12C122 | C3044-1-35 | 78553 | | A8A4MP20 |
| CM05FD221J03 | 81349 | 3-54 | A8A7E1C14 | CM05FD391J03 | 81349 | 3-38 | A8A3E47C148 | C4311PRC47 | 80058 | 3-4 | A8A7 |
| CM05FD221J03 | 81349 | 3-59 | A8A7E6C105 | CM05FD391J03 | 81349 | | A8A6C14 | C4344-4-75 | 82647 | 3-65 | A8A4K103 |
| CM05FD221J03 | 81349 | 3-59 | A8A7E6C107 | CM05FD391J03 | 81349 | | A8A6C20 | DAMF3W3S | 71785 | 3-67 | A8A4J10 |
| CM05FD221J03 | 81349 | 3-59 | A8A7E6C109 | CM05FD391J03 | 81349 | | A8A6C23 | DAMF7W2S | 71785 | 3-67 | A8A4J11 |
| CM05FD221J03 | 81349 | 3-21 | A8A2E5C12 | CM55FD391J03 | 81349 | | A8A6C29 | DAMF7W2S | 71785 | 3-67 | A8A4J3 |
| CM05FD241J03 | 81349 | | A8A6C14 | CM05FD391J03 | 81349 | | A8A6C34 | DAMF7W2S | 71785 | | A8A4J5 |
| CM05FD241J03 | 81349 | | A8A6C20 | CM05FD910G03 | 81349 | 3-21 | A8A2E4C16 | DAMF7W2S | 71785 | | A8A4J6 |
| CM05FD241J03 | 81349 | | A8A6C23 | CM05FD910G03 | 81349 | 3-30 | A8A3A11C102 | DAMF7W2S | 71785 | 3-67 | A8A4J7 |
| CM05FD241J03 | 81349 | | A8A6C29 | CM05FD910G03 | 81349 | 3-35 | A8A3A12C129 | DAMF7W2S | 71785 | 3-67 | A8A4J8 |
| CM05FD241J03 | 81349 | | A8A6C34 | CM05FD910G03 | 81349 | 3-35 | A8A3A12C138 | DAM3W3P | 71468 | | A8A7P2 |
| CM05FD241J03 | 81349 | 3-59 | A8A7E6C103 | CM05FD910G03 | 81349 | 3-36 | A8A3A13C255 | DAM7W2P | 71468 | 3-20 | A8A2P3 |
| CM05FD271G03 | 81349 | 3-58 | A8A7E5C75 | CM05FD910J03 | 81349 | | A8A6C14 | DAM7W2P | 71468 | 3-41 | A8A3P1 |
| CM05FD271J03 | 81349 | | A8A6C14 | CM05FD310J03 | 81349 | | A8A6C20 | DAM7W2P | 71468 | 3-41 | A8A3P2 |
| CM05FD271J03 | 81349 | | A8A6C20 | CM05FD910J03 | 81349 | | A8A6C23 | DAM7W2P | 71468 | 3-L1 | A8A3P3 |
| CM05FD271J03 | 81349 | | A8A6C23 | CM05FD910J03 | 81349 | | A8A6C29 | DAM7W2P | 71468 | 3-41 | A8A3P4 |
| CM05FD271J03 | 81349 | | A8A6C29 | CM05FD910J03 | 81349 | | A8A6C34 | DAM7W2P | 71468 | 3-61 | A8A7P1 |
| CM05FD271J03 | 81349 | | A8A6C34 | CM06FD162J03 | 81349 | 3-53 | A8A6A1C24 | DA146 | 71590 | 3-41 | A8A3C188 |
| CM05FD271J03 | 81349 | 3-55 | A8A7E2C27 | CM06FD242J03 | 81349 | 3-52 | A8A6E1C28 | DA146 | 71590 | 3-41 | A8A3C289 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| DA146 | 71590 | 3-41 | A8A3C290 | DM10C047D03 | 72136 | | A8A6E2C13 | DM15E111F0300WVCR | 72136 | 3-25 | A8A3A9A2C16 |
| DA146 | 71590 | 3-41 | A8A3C291 | DM10C047D03 | 72136 | 3-52 | A8A6E2C9 | DM15E111F0300WVCR | 72136 | 3-28 | A8A3A9A3C53 |
| DA146 | 71590 | 3-23 | A8A3TB2C89 | DM10C056D03 | 72136 | | A8A6E2C13 | DM15E111F0300WVCR | 72136 | 3-28 | A8A3A9A3C55 |
| DA146 | 71590 | 3-23 | A8A3TB2C90 | DM10C056D03 | 72136 | 3-52 | A8A6E2C9 | DM15E111F0300WVCR | 72136 | 3-39 | A8A3E4SC168 |
| DA146 | 71590 | | A8A4C28 | DM10C066D03 | 72136 | | A8A6E2C13 | DM15E121F0300WVCR | 72136 | 3-29 | A8A3A100C73 |
| DA858-003 | 71590 | 3-64 | A8A4C123 | DM10C066D03 | 72136 | 3-52 | A8A6E2C9 | DM15E121F0300WVCR | 72136 | 3-29 | A8A3A1CC82 |
| DBMF13W3S | 71468 | 3-67 | A8A4J4 | DM10C068D03 | 72136 | | A8A6E2C13 | DM15E121F0300WVCR | 72136 | 3-24 | A8A3A9A2C20 |
| DBMF13W3S | 71468 | 3-67 | A8A4J9 | DM10C068D03 | 72136 | 3-52 | A8A6E2C9 | DM15E121F0300WVCR | 72136 | 3-24 | A8A3A9A2C23 |
| DBMF23S | 71468 | 3-67 | A8A4J2 | DM10C075D03 | 72136 | | A8A6E2C13 | DM15E121F0300WVCR | 72136 | 3-24 | A8A3A9A2C25 |
| DBM13W3P | 71468 | 3-21 | A8A2P4 | DM10C075D03 | 72136 | 3-52 | A8A6E2C9 | DM15E127F0300WVCR | 72136 | 3-39 | A8A3E48C168 |
| DBM13W3P | 71468 | 3-52 | A8A6P1 | DM10C082D03 | 72136 | | A8A6E2C13 | DM15E133F0300WVCR | 72136 | 3-35 | A8A3A12C130 |
| DBM25P | 71468 | 3-16 | A8A1P1 | DM10C082D03 | 72136 | 3-52 | A8A6E2C9 | DM15E133F0300WVCR | 72136 | 3-36 | A8A3A13C253 |
| DCMF27W2S | 71468 | 3-67 | A8A4J1 | DM10C091D03 | 72136 | | A8A6E2C13 | DM15E133F0300WVCR | 72136 | 3-28 | A8A3A9A3C49 |
| DC027W2P | 71468 | 3-45 | A8A5P1 | DM10C091D03 | 72136 | 3-52 | A8A6E2C9 | DM15E133F0300WVCR | 72136 | 3-39 | A8A3E48C168 |
| DD16-103 | 71590 | 3-47 | A8A5E1C15 | DM15C100K500WVRCR | 72136 | 3-36 | A8A3A13C265 | DM15E141F0300WVCR | 72136 | 3-29 | A8A3A10C80 |
| DM10C020D0 | 14655 | 3-31 | A8A3A4A1C305 | DM15C100K500WVRCR | 72136 | 3-36 | A8A3A13C267 | DM15E141F0300WVCR | 72136 | 3-39 | A8A3E48C168 |
| DM10C020D0 | 14655 | 3-31 | A8A3A4A1C307 | DM150150J500VDC | 72136 | 3-20 | A8A2E1C36 | DM15E141F0300WVCR | 72136 | | A8A6C14 |
| DM10C020D0 | 14655 | 3-31 | A8A3A4A1C309 | DM150150J500VDC | 72136 | | A8A6C14 | DM15E141F0300WVCR | 72136 | | A8A6C20 |
| DM10C020D0 | 14655 | 3-31 | A8A3A4A1C311 | DM150150J500VDC | 72136 | | A8A6C20 | DM15E141F0300WVCR | 72136 | | A8A6C23 |
| DM10C020D0 | 14655 | 3-31 | A8A3A4A1C313 | DM150150J500VDC | 72136 | | A8A6C23 | DM15E141F0300WVCR | 72136 | | A8A6C29 |
| DM10C020D0 | 14655 | | A8A6E2C13 | DM150150J500VDC | 72136 | | A8A6C29 | DM15E141F0300WVCR | 72136 | | A8A6C34 |
| DM10C020D0 | 14655 | 3-52 | A8A6E2C9 | DM15E101F0300WVCR | | | A8A6C34 | DM15E151F0300WVCR | 72136 | 3-35 | A8A3A12C127 |
| DM10C022D03 | 72136 | | A8A6E2C13 | DM15E101F0300WVCR | 72136 | 3-30 | A8A3A11C105 | DM15E151F0300WVCR | 72136 | 3-24 | A8A3A9A2C17 |
| DM10C022D03 | 72136 | 3-52 | A8A6E2C9 | DM15E101F0300WVCR | 72136 | 3-30 | A8A3A11C107 | DM15E151F0300WVCR | 72136 | 3-24 | A8A3A9A2C21 |
| DM10C024D03 | 72136 | | A8A6E2C13 | DM15E101F0300WVCR | 72136 | 3-35 | A8A3A12C132 | DM15E165F0300WVCR | 72136 | 3-29 | A8A3A10C78 |
| DM10C024D03 | 72136 | 3-52 | A8A6E2C9 | DM15E101F0300WVCR | 72136 | 3-35 | A8A3A12C133 | DM15E165F0300WVCR | 72136 | 3-30 | A8A3A11C101 |
| DM10C027D03 | 72136 | | A8A6E2C13 | DM15E101F0300WVCR | 72136 | 3-35 | A8A3A12C134 | DM15E165F0300WVCR | 72136 | 3-30 | A8A3A11C103 |
| DM1C027D03 | 72136 | 3-52 | A8A6E2C9 | DM15E101F0300WVCR | 72136 | 3-35 | A8A3A12C136 | DM15E165F0300WVCR | 72136 | 3-35 | A8A3A12C125 |
| DM10C030D0 | 14655 | | A8A6E2C13 | DM15E101F0300WVCR | 72136 | 3-24 | A8A3A9A2C18 | DM15E165F0300WVCR | 72136 | 3-36 | A8A3A13C251 |
| DM10C030D0 | 14655 | 3-52 | A8A6E2C9 | DM15E101F0300WVCR | 72136 | 3-24 | A8A3A9A2C19 | DM15E165F0300WVCR | 72136 | 3-25 | A8A3A9A2C14 |
| DM10C033D03 | 72136 | | A8A6E2C13 | DM15E101F0300WVCR | 72136 | 3-28 | A8A3A9A3C51 | DM15E169F0300WVCR | 72136 | | A8A6C14 |
| DM10C033D03 | 72136 | 3-52 | A8A6E2C9 | DM15E101J0100WVCR | 72136 | 3-52 | A8A6E1C27 | DM15E169F0300WVCR | 72136 | | A8A6C20 |
| DM10C036D03 | 72136 | | A8A6E2C13 | DM15E101J0100WVCR | 72136 | 3-52 | A8A6E2C10 | DM15E169F0300WVCR | 72136 | | A8A6C23 |
| DM10C036D03 | 72136 | 3-52 | A8A6E2C9 | DM15E102J0100WVCR | 72136 | 3-52 | A8A6E2C3 | DM15E169F0300WVCR | 72136 | | A8A6C29 |
| DM10C039D03 | 72136 | | A8A6E2C13 | DM15E102J0100WVCR | 72136 | 3-52 | A8A6E2C5 | DM15E169F0300WVCR | 72136 | | A8A6C34 |
| DM10C039D03 | 72136 | 3-52 | A8A6E2C9 | Dm5E102J0100Wv4CR | 72136 | 3-52 | A8A6E2C8 | DM15E169F0300WVCR | 72136 | 3-28 | A8A3A9A3C47 |
| DM10C043D03 | 72136 | | A8A6E2C13 | DM15E111F0300WVCR | 72136 | 3-29 | A8A3A10C84 | DM15E169F0300WVCR | 72136 | | A8A6C14 |
| DM10C303D03 | 72136 | 3-52 | A8A6E2C9 | DM15E111F0300WVCR | 72136 | 3-35 | A8A3A12C131 | DM15E169F0300WVCR | 72136 | | A8A6C20 |
| DM10C43D03 | 72136 | | A8A6E2C13 | | | | | | | | |
| DM10C043D03 | 72136 | 3-52 | A8A6E2C9 | | | | | | | | |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | REF NO. | MFG CO. | | | FIG NO. | REF NO. | | | MFG CO. | FIG NO. | |
| DM15E191F0500WV4CR | 72136 | | A8A6C23 | DM15F431J300WV4CR | 72136 | | A8A6C20 | DM15F511J300WV4CR | 72136 | 3-52 | A8A6E2C4 |
| DM15E191F0500WV4CR | 72136 | | A8A6C29 | DM15F431J300WV4CR | 72136 | | A8A6C23 | DM15F511J300WV4CR | 72136 | 3-55 | A8A7E2C21 |
| DM15E191F0500WV4CR | 72136 | | A8A6C34 | DM15F431J300WV4CR | 72136 | | A8A6C29 | DM15F511J300WV4CR | 72136 | 3-59 | A8A7E6C156 |
| DM15E191F0300WV4CR | 72136 | 3-29 | A8A3A10C76 | DM15F431J300WV4CR | 72136 | | A8A6C34 | DM15F511J300WV4CR | 72136 | 3-59 | A8A7E6C95 |
| DM15E221F0300WV4CR | 72136 | 3-29 | A8A3A10C74 | DM15F471J300WV4CR | 72136 | 3-37 | A8A3E46C274 | DM15F561J300WV4CR | 72136 | | A8A6C14 |
| EM15E221F0300WV4CR | 72136 | 3-35 | A8A3A12C128 | DM15F471J300WV4CR | 72136 | 3-39 | A8A3E48C163 | DM15F561J300WV4CR | 72136 | | A8A6C20 |
| EM15E251F0500WV4CR | 72136 | 3-25 | A8A3A9A2C15 | DM15F471J300WV4CR | 71236 | 3-39 | A8A3E48C164 | DM15F561J300WV4CR | 72136 | | A8A6C23 |
| EM15E271F0300WV4CR | 72136 | 3-29 | A8A3A10C72 | DM15F471J300WV4CR | 72136 | 3-39 | A8A3E48C186 | DM15F561J300WV4CR | 72136 | | A8A6C29 |
| EM15E271F0300WV4CR | 72136 | 3-30 | A8A3A11C96 | DM15F471J300WV4CR | 72136 | | A8A6C14 | DM15F561J300WV4CR | 72136 | | A8A6C34 |
| EM15E271F0300WV4CR | 72136 | 3-30 | A8A3A11C99 | DM15F471J300WV4CR | 72136 | | A8A6C20 | DM20F222J0 | 72136 | 3-20 | A8A2E1C2 |
| EM15E271F0300WV4CR | 72136 | 3-35 | A8A3A12C126 | DM15F471J300WV4CR | 72136 | | A8A6C23 | DM30F153F03 | 72136 | 3-17 | A8ALE1C20 |
| EM15E271F0300WV4CR | 72136 | 3-25 | A8A3A9A2C12 | DM15F471J300WV4CR | 72136 | | A8A6C29 | DM51155-5000 | 71468 | | A8A4J1A1 |
| EM15E271F0300WV4CR | 72136 | 3-28 | A8A3A9A3C42 | DM15F471J300WV4CR | 72136 | | A8A6C34 | DM51155-5000 | 71468 | | A8A4J1A2 |
| EM15E271F0300WV4CR | 72136 | 3-28 | A8A3A9A3C45 | DM15F471J300WV4CR | 72136 | 3-57 | A8A7E4C62 | DM51157 | 71468 | | A8A5P11A1 |
| DM15E2870F0500WV4CR | 72136 | 3-35 | A8A3A13C249 | DM15F511J300WV4CR | 72136 | 3-34 | A8A3A4C330 | DM51157 | 71468 | | A8A5P1A2 |
| DM15E301F0300WV4CR | 72136 | 3-25 | A8A3A9A2C13 | DM15F511J300WV4CR | 72136 | 3-34 | A8A3A4C333 | DM53740-5000 | 71468 | | A8A2P3A1 |
| DM15E331F0300WV4CR | 72136 | 3-29 | A8A3A10C69 | DM15F511J300WV4CR | 72136 | 3-21 | A8A2E3C28 | DM53740-5000 | 71468 | | A8A2P4A1 |
| DM15E361F0300WV4CR | 72136 | 3-29 | A8A3A10C70 | DM15F511J300WV4CR | 72136 | 3-21 | A8A2E3C29 | DM53740-5000 | 71468 | | A8A2P4A2 |
| DM15E431F0300WV4CR | 72136 | 3-30 | A8A3A11C97 | DM15F511J300WV4CR | 72136 | 3-21 | A8A2E4C21 | DM53740-5000 | 71468 | | A8A3P1A1 |
| DM15E471F0300WV4CR | 72136 | 3-25 | A8A3A9A2C11 | DM15F511J300WV4CR | 72136 | 3-38 | A8A3E47C145 | DM53740-5000 | 71468 | | A8A3P1A2 |
| DM15E471F0300WV4CR | 72136 | 3-28 | A8A3A9A3C43 | DM15F511J300WV4CR | 72136 | 3-38 | A8A3E47C147 | DM53740-5000 | 71468 | | A8A3P2A1 |
| DM15E511F0300WV4CR | 72136 | 3-29 | A8A3A10C68 | DM15F511J300WV4CR | 72136 | 3-38 | A8A3E47C149 | DM53740-5000 | 71468 | | A8A3P2A2 |
| DM15E511F0300WV4CR | 72136 | 3-30 | A8A3A11C95 | DM15F511J300WV4CR | 72136 | 3-38 | A8A3E47C152 | DM53740-5000 | 71468 | | A8A3P3A1 |
| DM15E511F0300WV4CR | 72136 | 3-35 | A8A3A12C124 | DM15F511J300WV4CR | 72136 | 3-38 | A8A3E47C155 | DM53740-5000 | 71468 | | A8A3P3A2 |
| DM15E511F0300WV4CR | 72136 | 3-28 | A8A3A9A3C41 | DM15F511J300WV4CR | 72136 | 3-38 | A8A3E47C157 | DM53740-5000 | 71468 | | A8A3P4A1 |
| DM15E621J0300WV4CR | 72136 | | A8A6C14 | DM15F511J300WV4CR | 72136 | 3-38 | A8A3E47C176 | DM53740-5000 | 71468 | | A8A3P1A2 |
| DM15E621J0300WV4CR | 72136 | | A8A6C20 | DM15F511J300WV4CR | 72136 | 3-38 | A8A3E47C181 | DM53740-5000 | 71468 | | A8A6P1A1 |
| DM15E621J0300WV4CR | 72136 | | A8A6C23 | DM15F511J300WV4CR | 72136 | 3-22 | A8A3TB1C61 | DM53740-5000 | 71468 | | A8A6P1A2 |
| DM15E621J0300WV4CR | 72136 | | A8A6C29 | DM15F511J300WV4CR | 72136 | 3-22 | A8A3TB1C65 | DM53740-5000 | 71468 | | A8A6P1A3 |
| DM15E621J0300WV4CR | 72136 | | A8A6C34 | DM15F511J300WV4CR | 72136 | 3-23 | A8A3TB2C92 | DM53740-5000 | 71468 | | A8A7P1A1 |
| DM15E681G300WV4CR | 72136 | 3-35 | A8A3A12C123 | DM15F511J300WV4CR | 72136 | 3-53 | A8A6A1C13 | DM53740-5000 | 71468 | | A8A7P1A2 |
| DM15E821J0300WV4CR | 72136 | | A8A6C14 | DM15F511J300WV4CR | 72136 | 3-53 | A8A6A1C21 | DM53740-5000 | 71468 | | A8A7P2A1 |
| DM15E821J0300WV4CR | 72136 | | A8A6C20 | DM15F511J300WV4CR | 72136 | | A8A6C14 | DM53740-5000 | 71168 | | A8A7P2A2 |
| DM15E821J0300WV4CR | 72136 | | A8A6C23 | DM15F511J300WV4CR | 72136 | | A8A6C20 | DM53740-5000 | 71468 | | A8A7P2A3 |
| DM15E821J0300WV4CR | 72136 | | A8A6C29 | DM15F511J300WV4CR | 72136 | | A8A6C23 | DM53741-5042 | 71468 | | A8A2P4A3 |
| DM15E821J0300WV4CR | 72136 | | A8A6C34 | DM15F511J300WV4CR | 72136 | | A8A6C29 | DM53743-5058 | 71468 | | A8A4J10A1 |
| DM15E960F0500WV4CR | 72136 | 3-30 | A6A3A11C109 | DM15F511J300WV4CR | 72136 | | A8A6C34 | DM53743-5058 | 71468 | | A8A4J10A2 |
| DM15F431J300WV4CR | 72136 | | A8A6C14 | DM15F511J300WV4CR | 72136 | 3-52 | A8A6E2C2 | DM53743-5058 | 71468 | | A8A4J10A3 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|-------------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| DM53743-5058 | 71468 | | A8A4J11A1 | HTS127-2000Z | 00656 | 3-66 | A8A4A1C11 | LP51959-13M | 03038 | | A8A3E7H2 |
| DM53743-5058 | 71168 | | A8A4J11A2 | HTS17-3000Z | 00656 | 3-64 | A8A4A16C14 | LP51959-13M | 03038 | | A8A3E7H3 |
| DM53743-5058 | 71468 | | A84J3A2 | H233PRC47 | 80058 | | HT1 | LP51959-13M | 03038 | | A8A3E7H4 |
| DM53743-5058 | 71468 | | A8A4J4A1 | 1M3287 | 07688 | | A8A1A7A1CR103 | LP51959-13M | 03038 | | A8A3MP25H1 |
| DM53743-5058 | 71468 | | A8A4J4A2 | JAN1N485B | 81350 | | A8A4TB6CR8 | LP51959-13M | 03038 | | A8A3MP25H10 |
| DM53743-5058 | 71468 | | A8A4J4A3 | JAN1N663 | 81350 | 3-66 | A8A4A1CR101 | LP51959-13M | 03038 | | A8A3MP25H11 |
| DM53743-5058 | 71468 | | A8A4J5A1 | JAN1N663 | 81350 | | A8A4A7A1CR102 | LP51959-13M | 03038 | | A8A3MP25H12 |
| DM53743-5058 | 71468 | | A8A4J5A2 | JAN1N754A | 81350 | 3-55 | A8A7E2CR16 | LP51959-13M | 03038 | | A8A3MP25H13 |
| DM53743-5058 | 71468 | | A8A4J6A1 | JAN1N754A | 81350 | 3-55 | A8A7E2CR17 | LP51959-13M | 03038 | | A8A3MP25H14 |
| DM53743-5058 | 71468 | | A6A4J6A2 | JAN1N754A | 81350 | 3-56 | A87TB11CR14 | LP51959-13M | 03038 | | A8A3MF25H15 |
| DM53743-5058 | 71468 | | A8A4J7A1 | JAN1217TYPENPEN P2W5601 | 81350 | | A5E4 | LP51959-13M | 03038 | | A8A3MP25H16 |
| DM53743-5058 | 71468 | | A8A4J7A2 | JAN1217TYPENPEN P2W5601 | 81350 | | A5E5 | LP51959-13M | 03038 | | A8A3MP25H17 |
| DM53743-5058 | 71468 | | A8A4J8A1 | JAN1217TYPENPEN P2W5601 | 81350 | | | LP51959-13M | 03038 | | A8A3MP25H18 |
| DM53743-5058 | 71468 | | A8A4J6A2 | JAN2N333 | 81350 | 3-17 | A8A1E1Q6 | LP51959-13M | 03038 | | A8A3MP25H19 |
| DM53743-5058 | 71468 | | A6A4J9A1 | JAN2N526 | 81350 | 3-17 | A8A1E1Q5 | LP51959-13M | 03038 | | A8A3MP25H2 |
| DM53743-5058 | 71468 | | A8A4J9A2 | JAN2N526 | 81350 | 3-18 | A8A1E2Q2 | LP51959-13M | 03038 | | A8A3MP25H20 |
| DM53743-5058 | 71468 | | A8A1J9A3 | JAN2N526 | 81350 | 3-18 | A8A1E2Q3 | LP51959-13M | 03038 | | A8A3MP25H21 |
| DR230 | 80223 | 3-18 | A8A1E2T1 | JAN2N526 | 81350 | 3-19 | A88A1E3Q10 | LP51959-13M | 03038 | | A8A3MP25H22 |
| DR905 | 80223 | 3-19 | A8A1E3L3 | JAN2N526 | 81350 | 3-19 | A8A1E3Q8 | LP51959-13M | 03038 | | A8A3MP25H23 |
| D144-01 | 08795 | | A8A4MP82 | JAN2N526 | 81350 | 3-19 | A8A1E3Q9 | LP51959-13M | 03038 | | A8A3MP25H3 |
| D144-01 | 08795 | | A8A4MP83 | JAN2N706 | 81350 | 3-56 | A8A7TB1Q27 | LP51959-13M | 03038 | | A8A3MP25H4 |
| D1910F511J0 | 53021 | 3-40 | A8A3C118 | JAN5907 | 81349 | 3-22 | A8A3TB1V1 | LP51959-13M | 03038 | | A8A3MP25H5 |
| D42974 | 56289 | 3-11 | A8A5C19A | LP51957-28M | 03038 | | A3E1H1 | LP51959-13M | 03038 | | A8A3MP25H6 |
| D42974 | 56289 | 3-11 | A8A5C19B | LP1957-28M | 03038 | | A3E2H1 | LP51959-13M | 03038 | | A8A3MP25H7 |
| FA4092 | 07263 | 3-20 | A8A2E1CR1 | LP51957-28M | 03038 | | A3E3H1 | LP51959-13M | 03038 | | A8A3MP25H8 |
| FA4092 | 07263 | 3-56 | A8A7TB1CR10 | LP51957-28M | 03038 | | A3E4H1 | LP51959-13M | 03038 | | A8A3MP25H9 |
| FA4092 | 07263 | 3-56 | A8A7TB1CR11 | LP51959-13M | 03038 | | A8A2MP1H1 | LP51959-13M | 03038 | | A8A4A6E5H1 |
| F02A250V1-2AS | 81349 | 3-67 | A8A4F3 | LP51959-13M | 03038 | | A8A2MP1H2 | LP51959-13M | 03038 | | A8A4A6E5H2 |
| F02A250V5AS | 81349 | | A8A4F2 | LP51959-13M | 03038 | | A8A2MP1H3 | LP51959-13M | 03038 | | A8A4A6E5H3 |
| F03A125V20AS | 81349 | | A8A4F1 | LP51959-13M | 03038 | | A8A2MP1H4 | LP51959-13M | 03038 | | A8A4A6ESH4 |
| F1913-1-01 | 72656 | 3-22 | A8A3TB1E3 | LP51959-13M | 03038 | | A8A2MP2H1 | LP51959-13M | 03038 | | A8A7A1H6 |
| F1913-1-01 | 72656 | 3-23 | A8A3TB2E3 | LP51959-13C | 03038 | | A8A2MP2H2 | LP51959-13M | 03038 | | A8A7MP10H1 |
| GP4-062X0250-50 | 73957 | | A8A4A6A13MP1 | LP51959-13M | 03038 | | A8A2MP2H3 | LP51959-13M | 03038 | | A8A7MP10H2 |
| GP4-062X0250-50 | 73957 | | A8A4A6A13MP2 | LP51959-13M | 03038 | | A8A2MP2H4 | LP51959-13M | 03038 | | A8A7MP10H3 |
| GP4-125X0250-50 | 73957 | | A8A4A6A7A1MP3 | LP51959-13M | 03038 | | A8A3A5H6 | LP51959-13M | 03038 | | A8A7MP10H4 |
| GP4-125X0250-50 | 73957 | | A8A4A6A7A1MP4 | LP51959-13M | 03038 | | A8A3A6H6 | LP51959-13M | 03038 | | A8A7MP10H5 |
| G3629 | 01121 | 3-65 | A8A4A7A1R117 | LP51959-13M | 03038 | | A8A3E48H4 | LP51959-13M | 03038 | | A8A7MP10H6 |
| HP4N | 09922 | | A8A5MP2 | LP51959-13M | 03038 | | A8A3E7H1 | LP51959-13M | 03038 | | A8A7MP11H1 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| LP51959-13M | 03038 | | A8A7MP11H2 | LT10K029 | 81349 | 3-40 | A8A3L120 | LT10K060 | 81349 | 3-21 | A8A2L9 |
| LP51959-13M | 03038 | | A8A7MP11H3 | LT10K029 | 81349 | 3-40 | A8A3L121 | LT10K060 | 81349 | 3-67 | A8A4L5 |
| LP51959-13M | 03038 | | A8A7MP11H4 | LT10K029 | 81349 | 3-64 | A8A4L122 | LT10K060 | 81349 | 3-67 | A8A4L6 |
| LP51959-13M | 03038 | | A8A7MP11H5 | LT10K029 | 81349 | 3-64 | A8A4L123 | LT10K060 | 81349 | 3-53 | A8A6A1L6 |
| LP51959-13M | 03038 | | A8A7MP11M6 | LT10K029 | 81349 | 3-52 | A8A6E2L2 | LT10K060 | 81349 | 3-52 | A8A6E1L9 |
| LP51959-13M | 03038 | | A8A7MP9H1 | LT10K029 | 81349 | 3-55 | A8A7E2L4 | LT4K048 | 81349 | 3-67 | A8A4L1 |
| LP51959-13M | 03038 | | A8A7MP9H10 | LT10K029 | 81349 | 3-55 | A8A7E2L7 | LT4K048 | 81349 | 3-67 | A8A4L2 |
| LP51959-13M | 03038 | | A8A7MP9H11 | LT10K036 | 81349 | 3-20 | A8A2E1L2 | LT4K048 | 81349 | 3-67 | A8A4L3 |
| LP51959-13M | 03038 | | A8A7MP9H12 | LT10K036 | 81349 | 3-53 | A8A6A1L4 | MDL1-10 | 71400 | 3-67 | A8A4F5 |
| LP51959-13M | 03038 | | A8A7MP9H13 | LT10K036 | 81349 | 3-59 | A8A7E6L21 | MHW5455E151JQ | 00853 | 3-64 | A8A4A16C109 |
| LP51959-13M | 03038 | | A8A7MP9H14 | LT10K036 | 81349 | 3-59 | A8A7E6L22 | MHW5455E151JQ | 00853 | 3-64 | A8A4A16C111 |
| LP51959-13M | 03038 | | A8A7MP9H2 | LT10K037 | 81349 | 3-52 | A8A6E1L8 | MHW5455E151JQ | 00853 | 3-64 | A8A4A16C112 |
| LP51959-13M | 03038 | | A8A7MP9H3 | LT10K043 | 81349 | 3-21 | A8A2E3L8 | MHW5455E151JQ | 00853 | 3-64 | A8A4A16C113 |
| LP51959-13M | 03038 | | A8A7MP9H4 | LT10K043 | 81349 | 3-21 | A8A2E4L5 | MHW5455E151JQ | 00853 | 3-64 | A8A4A16C114 |
| LP51959-13M | 03038 | | A8A7MP9H5 | LT10K043 | 81349 | 3-66 | A8A4A1L102 | MHW5455E501JQ | 00853 | 3-64 | A8A4A16C108 |
| LP51959-13M | 03038 | | A8A7MP9H6 | LT10K043 | 81349 | | A8A4FL2L201 | MHW5455E501JQ | 00853 | 3-64 | A8A4A16C110 |
| LP51959-13M | 03038 | | A8A7MP9H7 | LT10K043 | 81349 | | A8A4FL2L202 | MM2181 | 04713 | 3-38 | A8A3E47Q3 |
| LP51959-13M | 03038 | | A8A7MP9H8 | LT10K043 | 81349 | | A8A4FL2L203 | MM2181 | 04713 | 3-38 | A8A3E47Q4 |
| LP51959-13M | 03038 | | A8A7MP9H9 | LT10K043 | 81349 | | A8A4FL2L204 | MM2181 | 04713 | 3-39 | A8A3E48Q11 |
| LT10K002 | 81349 | 3-54 | A87TE1L2 | LT10K043 | 81349 | | A8A4FL2L205 | MP206-31B | 95105 | 3-17 | A88AE1L1 |
| LT10K003 | 81349 | 3-52 | A8A6E2L1 | LT10K043 | 81349 | | A8A4FL2L207 | MS122119 | 96906 | | A8A3A5MP1 |
| LT10K010 | 81349 | 3-53 | A8A6A1L5 | LT10K043 | 81349 | | A8A4FL2L208 | MS122119 | 96906 | | A8A3A5MP2 |
| LT10K012 | 81349 | 3-54 | A8A7E1L1 | LT10K043 | 81349 | | A8A4FL2L209 | MS122119 | 96906 | | A8A3A6MP1 |
| LT10K020 | 81349 | 3-39 | A8A3E48L101 | LT10K043 | 81349 | | A8A4FL2L210 | MS122119 | 96906 | | A8A3A6MP2 |
| LT10K020 | 81349 | 3-53 | A8A6A1L3 | LT10K043 | 81349 | | A8A4FL2L211 | MS16221-1 | 96906 | 3-66 | A8A4A1L120 |
| LT10K020 | 81349 | 3-57 | A88A7E4L16 | LT10K043 | 81349 | 3-52 | A8A6E1L7 | MS16221-1 | 96906 | 3-66 | A8A4A1L121 |
| LT10K020 | 81349 | 3-57 | A8A7E4L17 | LT10K043 | 81349 | 3-61 | A8A7L34 | MS16221-22 | 96906 | 3-64 | A8A4L105 |
| LT10K020 | 81349 | 3-57 | A8A7E4L18 | LT10K043 | 81349 | 3-61 | A8A7L35 | MS16562-190 | 96906 | | A8A3MP22 |
| LT10K020 | 81349 | 3-59 | A8A7E6L23 | LT10K043 | 81349 | 3-61 | A8A7L36 | MS16562-190 | 96906 | | A8A3MP23 |
| LT10K020 | 81349 | 3-59 | A8A7E6L24 | LT10K043 | 81349 | 3-61 | A8A7L37 | MS16562-190 | 96906 | | A8A4A5MP2 |
| LT10K020 | 81349 | 3-59 | A8A7E6L25 | LT10K053 | 81349 | 3-20 | A8A2E1L1 | MS16562-190 | 96906 | | A8A4A6A3MP2 |
| LT110K020 | 81349 | 3-59 | A8A7E6L26 | LT10K053 | 81349 | 3-20 | A8A2E1L3 | MS16562-190 | 96906 | | A8A4L109A1MP2 |
| LT10K020 | 81349 | 3-56 | A8A7TB1L28 | LT10K053 | 81349 | 3-21 | A8A2L10 | MS16562-190 | 96906 | | A8A4L111MP3 |
| LT10K020 | 81349 | 3-56 | A8A7TB1L29 | LT10K053 | 81349 | 3-66 | A8A4A1L103 | MS16562-191 | 96906 | | A8A7A2MP1 |
| LT10K020 | 81349 | 3-56 | A8A7TB1L30 | LT10K053 | 81349 | 3-55 | A8A7E2L3 | MS16562-191 | 96906 | | A8A7A3MP1 |
| LT10K020 | 81349 | 3-56 | A8A7TB1131 | LT10K053 | 81349 | 3-55 | A8A7E2L5 | MS16562-192 | 96906 | | A8A4A6A7A3MP2 |
| LT10K020 | 81349 | 3-56 | A8A7TB1L32 | LT10K053 | 81349 | 3-55 | A8A7E2L6 | MS16562-192 | 96906 | | A8A4A6A7A4MP2 |
| LT10K029 | 81349 | 3-39 | A8A3E48L100 | LT10K053 | 81349 | 3-55 | A8A7E2L8 | MS16562-192 | 96906 | | A8A4A6A7MP12 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| MS16562-192 | 96906 | | A8A4A6A7MP13 | MS21044D04 | 96906 | | A8A57B1Q3H1 | MS35338-135 | 96906 | | A3MP2H7 |
| MS16562-197 | 96906 | | A8A3A7MP1 | MS21044D04 | 96906 | | A8A57B1Q3H2 | MS35338-135 | 96906 | | A3MP2H8 |
| MS16562-197 | 96906 | | A8A3A7MP2 | MS21266-1N | 96906 | | A8A3MP10 | MS35338-135 | 96906 | | A8A1E4H2 |
| MS16562-201 | 96906 | | A8A3A8MP1 | MS21266-1N | 96906 | | A8A3MP11 | MS35338-135 | 96906 | | A8A3E10H3 |
| MS16562-203 | 96906 | | A5A1MP1 | MS21266-1N | 96906 | | A8A3MP12 | MS35338-135 | 96906 | | A8A3E10H4 |
| MS16562-206 | 96906 | | A5MP5 | MS21266-1N | 96906 | | A8A3MP13 | MS35338-135 | 96906 | | A8A3E45H2 |
| MS16562-209 | 96906 | | A8A4A6A10MP2 | MS21266-1N | 96906 | | A8A5MP6 | MS35338-135 | 96906 | | A8A3E46H2 |
| MS16562-209 | 96906 | | A8A4A6A11MP2 | MS25010 | 96906 | | A8A4MP47 | MS35338-135 | 96906 | | A8A3MP24H21 |
| MS16562-209 | 96906 | | A8A4A6A9MP2 | MS25010 | 96906 | | A8A4MP48 | MS35338-135 | 96906 | | A8A3MP24H22 |
| MS16562-212 | 96906 | | A8A3A6MP4 | MS25010 | 96906 | | A8A4MP49 | MS35338-135 | 96906 | | A8A3MP24H23 |
| MS16562-212 | 96906 | | A8A3A6MP5 | MS25010 | 96906 | | A8A4MP50 | MS35338-135 | 96906 | | A8A3MP24H24 |
| MS16562-221 | 96906 | | A8A4A6A8MP1 | MS25237-387 | 96906 | | A8A4DS1 | MS35338-135 | 96906 | | A8A3MP24H25 |
| MS16562-221 | 96906 | | A8A4A6A8MP2 | MS25237-387 | 96906 | | A8A4DS101 | MS35338-135 | 96906 | | A8A3MP24H26 |
| MS16620-1025 | 96906 | | A8A4A6H4 | MS25237-387 | 96906 | | A8A4DS102 | MS35338-135 | 96906 | | A8A3MP24H27 |
| MS16624-1031 | 96906 | | A8A7A1A3H1 | MS25237-387 | 96906 | | A8A4DS2 | MS35338-135 | 96906 | | A8A3MP24H28 |
| MS16624-1031 | 96906 | | A8A7A1A4H1 | MS35200-42 | 96906 | | A8A4MP27H1 | MS35338-135 | 96906 | | A8A3MP24H29 |
| MS16624-18 | 96906 | | A8A4A6H1 | MS35200-42 | 96906 | | A8A4MP27H2 | MS35338-135 | 96906 | | A8A3MP24H30 |
| MS16624-18 | 96906 | | A8A4A6H2 | MS35200-42 | 96906 | | A8A4MP27H3 | MS35338-135 | 96906 | | A8A3MP24H31 |
| MS16624-18 | 96906 | | A8A4A6H3 | MS35200-42 | 96906 | | A8A4MP27H4 | MS35338-135 | 96906 | | A8A3MP24H32 |
| MS16632-1018 | 96906 | | A8A4A6A7H1 | MS3533-75 | 96906 | | A8A4C146H2 | MS35338-135 | 96906 | | A8A3MP24H33 |
| MS16632-1018 | 96906 | | A8A4A6H5 | MS35335-51 | 96906 | | A8A5TB1H1 | MS35338-135 | 96906 | | A8A3MP24H34 |
| MS16632-1018 | 96906 | | A8A4A6H6 | MS35335-51 | 96906 | | A8A5XC20H4 | MS35338-135 | 96906 | | A8A3MP24H35 |
| MS16632-1018 | 96906 | | A8A4A6H7 | MS35335-51 | 96906 | | A8A7P2H3 | MS35338-135 | 96906 | | A8A3MP24H36 |
| MS16632-1018 | 96906 | | A8A4A6H8 | MS35338-134 | 96906 | | A8A3E13H3 | MS35338-135 | 96906 | | A8A4A15H2 |
| MS16632-1031 | 96906 | | A8A7H1 | MS35338-134 | 96906 | | A8A3E13H4 | MS35338-135 | 96906 | | A8A4K5H3 |
| MS16632-1031 | 96906 | | A8A7H2 | MS35338-134 | 96906 | | A8A3E15H3 | MS35338-135 | 96906 | | A8A4K5H4 |
| MS16633-1018 | 96906 | | A8A3H10 | MS35338-134 | 96906 | | A8A3E15H4 | MS35338-135 | 96906 | | A8A4TB1H2 |
| MS16633-1018 | 96906 | | A8A3H11 | MS35338-134 | 96906 | | A8A4J5H6 | MS35338-135 | 96906 | | A8A4TB4H5 |
| MS16633-1018 | 96906 | | A8A3H12 | MS35338-134 | 96906 | | A8A4J7H6 | MS35338-135 | 96906 | | A8A4TB4H6 |
| MS16633-1018 | 96906 | | A8A3H9 | MS35338-134 | 96906 | | A8A5E5H3 | MS35338-135 | 96906 | | A8A4TB6H2 |
| MS171503 | 96906 | | A6A1A1MP3 | MS35338-134 | 96906 | | A8A7MP13H4 | MS35338-135 | 96906 | | A8A5E17H3 |
| MS171503 | 96906 | | A6A2A1MP3 | MS35338-134 | 96906 | | A8A7MP13H5 | MS35338-135 | 96906 | | A8A5E18H2 |
| MS171503 | 96906 | | A6A3A1MP3 | MS35338-134 | 96906 | | A8A7MP13H6 | MS35338-135 | 96906 | | A8A5E4H2 |
| MS171503 | 96906 | | A6A3A1MP3 | MS35338-134 | 96906 | | A8A7MP14H4 | MS35338-135 | 96906 | | A8A7A1A3H1 |
| MS17821-4-9 | 96906 | | A8A4MP21 | MS35338-134 | 96906 | | A8A7MP14H5 | MS35338-135 | 96906 | | A8A7E5H4 |
| MS21044D04 | 96906 | | A6A3A1H1 | MS35338-134 | 96906 | | A8A7MP14H6 | MS35338-135 | 96906 | | A8A7MP8H2 |
| MS21044D04 | 96906 | | A6A3A2H1 | MS35338-135 | 96906 | | A3MP2H5 | MS35338-135 | 96906 | | A8A7MP8H3 |
| MS21044D04 | 96906 | | A8A5781E1H1 | MS35338-135 | 96906 | | A3MP3H6 | MS35338-135 | 96906 | | A8A7MP8H4 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | | | ITEM NO OR REF DES. | REF NO. | | | ITEM NO OR REF DES. | REF NO. | | | ITEM NO OR REF DES. |
| MS35338-135 | 96906 | | A8A7MP8H15 | MS35338-137 | 96906 | | A8A4MP78H2 | MS35489-4 | 96906 | 3-56 | A8A7TB1H5 |
| MS35338-135 | 96906 | | A8A7MP8H16 | MS35338-137 | 96906 | | A8A4MP79H2 | MS35489-4 | 96906 | 3-56 | A8A7TB1H6 |
| MS35338-135 | 96906 | | A8A7MP8H17 | MS35338-137 | 96906 | | A8A4MP80H2 | MS35649-224 | 96906 | | A8A5E5H1 |
| MS35338-135 | 96906 | | A8A7MP8H18 | MS35338-137 | 96906 | | A8A4MP81H2 | MS35649-225 | 96906 | | A8A1E5H1 |
| MS35338-135 | 96906 | | A8A7MP8H19 | MS35338-137 | 96906 | | A8A5MP4H2 | MS35649-225 | 96906 | | A8A3E17H1 |
| MS35338-135 | 96906 | | A8A7MP8H20 | MS35338-137 | 96906 | | A8A5MP5H4 | MS35649-225 | 96906 | | A8A3E18H1 |
| MS35338-135 | 96906 | | A8A7MP8H21 | MS35338-138 | 96906 | | A7A1MP10H5 | MS35649-225 | 96906 | | A8A3E19H1 |
| MS35338-135 | 96906 | | A8A7MP8H22 | MS35338-138 | 96906 | | A7A1MP10H6 | MS35649-225 | 96906 | | A8A3E37H1 |
| MS35338-135 | 96906 | | A8A7P2H4 | MS35338-138 | 96906 | | A7A1MP11H5 | MS35649-225 | 96906 | 3-39 | A8A3E48R148H1 |
| MS35338-135 | 96906 | | A8MPH5 | MS35338-138 | 96906 | | A7A1MP11H6 | MS35649-225 | 96906 | | A8A3E48R148H2 |
| MS35338-135 | 96906 | | A8MPH3 | MS35338-138 | 96906 | | A7A2MP10H5 | MS35649-225 | 96906 | 3-39 | A8A3E48R150H1 |
| MS35338-135 | 96906 | | A8MPH4 | MS35338-138 | 96906 | | A7A2MP10H6 | MS35649-225 | 96906 | | A8A3E48R501H2 |
| MS35338-136 | 96906 | | A3E1H3 | MS35338-138 | 96906 | | A7A2MP11H5 | MS35649-225 | 96906 | | A8A3TB2E4H1 |
| MS35338-136 | 96906 | | A3E2N3 | MS35338-138 | 96906 | | A7A2MP11H6 | MS35649-225 | 96906 | | A8A3TB2E5H1 |
| MS35338-136 | 96906 | | A3E3H3 | MS35338-96 | 96906 | | A8A4FL2E1H10 | MS35649-225 | 96906 | | A8A3TB2E6H1 |
| MS35338-136 | 96906 | | A3E4H3 | MS35338-96 | 96906 | | A8A4FL2E1H11 | MS35649-225 | 96906 | | A8A6P1H1 |
| MS35338-137 | 96906 | | A8A4A6H6 | MS35338-96 | 96906 | | A8A4FL2E1H12 | MS35649-225 | 96906 | | A8A7TB1E10H1 |
| MS35338-137 | 96906 | | A8A4A6MP46H3 | MS35338-96 | 96906 | | A8A4FL2E1H7 | MS35649-225 | 96906 | | A8A7TB1E11H1 |
| MS35338-137 | 96906 | | A8A4A6MP46H4 | MS35338-96 | 96906 | | A8A4FL2E1H8 | MS35649-225 | 96906 | | A8A7TB1E12H1 |
| MS35338-137 | 96906 | | A8A4A6MP47H3 | MS35338-96 | 96906 | | A8A4FL2E1H9 | MS35649-225 | 96906 | | A8A7TB1E13H1 |
| MS35338-137 | 96906 | | A8A4A6MP47H4 | MS35489-1 | 96906 | | A8A2H1 | MS35649-225 | 96906 | | A8A7TB1E14H1 |
| MS35338-137 | 96906 | | A8A4MP61H2 | MS35489-1 | 96906 | | A8A4H2 | MS35649-225 | 96906 | | A8A7TB1E15H1 |
| MS35338-137 | 96906 | | A8A4MP62H2 | MS35489-1 | 96906 | | A8A4H3 | MS35649-225 | 96906 | | A8A7TB1E16H1 |
| MS35338-137 | 96906 | | A8A4MP63H2 | MS35489-4 | 96906 | | A8A3A4H1 | MS35649-225 | 96906 | | A8A7TB1E17H1 |
| MS35338-137 | 96906 | | A8A4MP64H2 | MS35489-4 | 96906 | | A8A3A4H2 | MS35649-225 | 96906 | | A8A7TB1E18H1 |
| MS35338-137 | 96906 | | A8A4MP65H2 | MS35489-4 | 96906 | | A8A3H1 | MS35649-225 | 96906 | | A8A7TB1E2H1 |
| MS35338-137 | 96906 | | A8A4MP66H2 | MS35489-4 | 96906 | | A8A4H1 | MS35649-225 | 96906 | | A8A7TB1E3H1 |
| MS35338-137 | 96906 | | A8A4MP67H2 | MS35489-4 | 96906 | | A8A6A1H1 | MS35649-225 | 96906 | | A8A7TB1E4H1 |
| MS35338-137 | 96906 | | A8A4MP68H2 | MS35489-4 | 96906 | 3-53 | A8A6A1H2 | MS35649-225 | 96906 | | A8A7TB1E5H1 |
| MS35338-137 | 96906 | | A8A4MP69H2 | MS35489-4 | 96906 | 3-53 | A8A6A1H3 | MS35649-225 | 96906 | | A8A7TB1E6H1 |
| MS35338-137 | 96906 | | A8A4MP70H2 | MS35489-4 | 96906 | | A8A6A1H4 | MS35649-225 | 96906 | | A8A7TB1E7H1 |
| MS35338-137 | 96906 | | A8A4MSP712 | MS35489-4 | 96906 | 3-52 | A8A6E1H1 | MS35649-225 | 96906 | | A8A7TB1E8H1 |
| MS35338-137 | 96906 | | A8A4MP72H2 | M835489-4 | 96906 | 3-52 | A8A6E1H2 | MS35649-225 | 96906 | | A8A7TB1E9H1 |
| MS35338-137 | 96906 | | A8A4MP73H2 | MS35489-4 | 96906 | 3-52 | A8A6E1H3 | MS35649-225 | 96906 | | A8A7TB1T1H1 |
| MS35338-137 | 96906 | | A8A4MP74H2 | MS35489-4 | 96906 | 3-56 | A8A7TB1H1 | M835649-225 | 96906 | | A8A7TB1T1H2 |
| MS35338-137 | 96906 | | A8A4MP75H2 | MS35489-4 | 96906 | 3-56 | A8A7TB1H2 | MS35649-225 | 98906 | | A8A7TB1T3H1 |
| MS35338-137 | 96906 | | A8A4MP76H2 | MS35489-4 | 96906 | 3-56 | A8A7TB1H3 | MS35649-225 | 96906 | | A8A7TB1T3H2 |
| MS35338-137 | 96906 | | A8A7MP77H2 | MS35489-4 | 96906 | 3-56 | A8A7TB1H4 | MS35650-304 | 96906 | | A7A1MP10H1 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| MS35650-304 | 96906 | | A7A1MP10H2 | MS51957-12 | 96906 | | A8A3E4H1 | MS51957-13 | 96906 | | A8A4K102H3 |
| MS35650-304 | 96906 | | A7A1MP11H1 | MS51957-12 | 96906 | | A8A4K103H1 | MS51957-13 | 96906 | | A8A4K102H4 |
| MS35650-304 | 96906 | | A7A1MP11H2 | MS51957-12 | 96906 | | A8A4K103H2 | MS51957-13 | 96906 | | A8A4MP25H1 |
| MS35650-304 | 96906 | | A7A2MP10H1 | MS51957-12 | 96906 | | A8A5E18H1 | MS51957-13 | 96906 | | A8A4MP25H10 |
| MS35650-304 | 96906 | | A7A2MP10H2 | MS51957-12 | 96906 | | A8A5E7H1 | MS51957-13 | 96906 | | A8A4MP25H11 |
| MS35650-304 | 96906 | | A7A2MP11H1 | MS51957-13 | 96906 | | A8A3A2H2 | MS51957-13 | 96906 | | A8A4MP25H2 |
| MS35650-304 | 96906 | | A7A6MP11H2 | M851957-13 | 96906 | | A8A3A3H2 | MS51957-13 | 96906 | | A8A4MP25H3 |
| MS35672-1 | 96906 | | A8A4A6A1MP3 | MS51957-13 | 96906 | | A8A3A9A3H4 | MS51957-13 | 96906 | | A8A4MP25H4 |
| MS35672-1 | 96906 | | A8A4A6A1MP4 | MS51957-13 | 96906 | | A8A3E10H1 | MS51957-13 | 96906 | | A8A4MP25H5 |
| MS35672-1 | 96906 | | A8A4A6A2MP3 | MS51957-13 | 96906 | | A8A3E10H2 | MS51957-13 | 96906 | | A8A4MP25H6 |
| MS35672-1 | 96906 | | A8A4A6A2MP4 | MS51957-13 | 96906 | | A8A3MP24H10 | MS51957-13 | 96906 | | A8A4MP25H7 |
| MS35672-14 | 96906 | | A7A1A1MP1 | MS51957-13 | 96906 | | A8A3MP24H11 | MS51957-13 | 96906 | | A8A4MP25H8 |
| MS35672-14 | 96906 | | A7A1A2MP1 | MS51957-13 | 96906 | | A8A3MP24H12 | MS51957-13 | 96906 | | A8A4MP25H9 |
| MS35672-14 | 96906 | | A7A2A1MP1 | MS51957-13 | 96906 | | A8A3MP24H13 | MS51957-13 | 96906 | | A8A4MP26H1 |
| MS35672-14 | 96906 | | A7A2A2MP1 | MS51957-13 | 96906 | | A8A3MP24H14 | MS51957-13 | 96906 | | A8A4MP26H10 |
| MS35672-7 | 96906 | | A8A4A6A1MP5 | MS51957-13 | 96906 | | A8A3MP24H15 | MS51957-13 | 96906 | | A8A4MP26H11 |
| MS35672-7 | 96906 | | A8A4A6A2MP5 | MS51957-13 | 96906 | | A8A3MP24H16 | MS51957-13 | 96906 | | A8A4MP26H2 |
| MS1053-426 | 96906 | | A8A4A6MP22H1 | MS51957-13 | 96906 | | A8A3MP24H17 | MS51957-13 | 96906 | | A8A4MP26H3 |
| MS1053-426 | 96906 | | A8A4A6MP22H2 | MS51957-13 | 96906 | | A8A3MP24H18 | MS51957-13 | 96906 | | A8A4MP26H4 |
| MS1053-426 | 96906 | | A8A4A6MP23H1 | MS51957-13 | 96906 | | A8A3MP24H19 | MS51957-13 | 96906 | | A8A4MP26H5 |
| MS1053-426 | 96906 | | A8A4A6MP23H2 | MS51957-13 | 96906 | | A8A3MP24H20 | MS51957-13 | 96906 | | A8A4MP26H6 |
| MS1053-426 | 96906 | | A8A4A6MP24H1 | MS51957-13 | 96906 | | A8A3MP24H5 | MS51957-13 | 96906 | | A8A4MP26H7 |
| MS1053-426 | 96906 | | A8A4A6MP24H2 | MS51957-13 | 96906 | | A8A3MP24H6 | M151957-13 | 96906 | | A8A4MP26H8 |
| MS1053-426 | 96906 | | A8A4A6MP25H1 | MS51957-13 | 96906 | | A8A3MP24H7 | MS51957-13 | 96906 | | A8A4MP26H9 |
| MS1053-426 | 96906 | | A8A4A6MP25H2 | MS51957-13 | 96906 | | A8A3MP24H8 | MS51957-13 | 96906 | | A8A5E1H4 |
| MS1053-426 | 96906 | | A8A4A6MP26H1 | MS51957-13 | 96906 | | A8A3MP24H9 | MS51957-13 | 96906 | | A8A5E17H2 |
| MS1053-426 | 96906 | | A8A4A6MP26H2 | MS51957-13 | 96906 | | A8A3MP38H1 | MS51957-13 | 96906 | | A8A7A1A3H1 |
| MS1053-426 | 96906 | | A8A4A6MP27H1 | MS51957-13 | 96906 | | A8A3MP38H2 | MS51957-13 | 96906 | | A8A7MP8H1 |
| MS1053-426 | 96906 | | A8A4A6MP27H2 | MS51957-13 | 96906 | | A8A3MP38H3 | MS51957-13 | 96906 | | A8A7MP8H10 |
| MS1053-426 | 96906 | | A8A4A6MP36H1 | MS51957-13 | 96906 | | A8A3MP38H4 | MS51957-13 | 96906 | | A8A7MP8H11 |
| MS1053-426 | 96906 | | A8A4A6P36H2 | MS51957-13 | 96906 | | A8A4E150H1 | MS51957-13 | 96906 | | A8A7MP8H2 |
| MS1053-426 | 96906 | | A8A4A6MP48H1 | MS51957-13 | 96906 | | A8A4E151H1 | MS51957-13 | 96906 | | A8A7MP8H3 |
| MS1053-426 | 96906 | | A8A4A6MP48H2 | MS51957-13 | 96906 | | A8A4E152H1 | MK51957-13 | 96906 | | A8A7MP8H4 |
| MS1053-426 | 96906 | | A8A4A6MP49H1 | MS51957-13 | 96906 | | A8A4E153H1 | MS51957-13 | 96906 | | A8A7MP8H5 |
| MS1053-426 | 96906 | | A8A4A6MP49H2 | MS51957-13 | 96906 | | A8A4E154H1 | MP51957-13 | 96906 | | A8A7MP8H6 |
| MS1053-426 | 96906 | | A8A4A6MP50H1 | MS51957-13 | 96906 | | A8A4E160H1 | MS51957-13 | 96906 | | A8A7MP8H7 |
| MS1053-426 | 96906 | | A8AA6MP50H2 | MS51957-13 | 96906 | | A8A1E167H1 | MS51957-13 | 96906 | | A8A7MP8H8 |
| MS51957-12 | 96906 | | A8A3E45H1 | MS51957-13 | 96906 | | A8A4E168H1 | MS51957-13 | 96906 | | A8A7MP8H9 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | | | ITEM NO OR REF DES. | REF NO. | | | ITEM NO OR REF DES. | REF NO. | | | ITEM NO OR REF DES. |
| MS51957-14 | 96906 | | A6A1A1H1 | MS51957-15 | 96906 | | A8A4TB1H2 | MS51957-28 | 96906 | | A8A4A1H2 |
| MS51957-14 | 96906 | | A8A1MP2H1 | MS51957-15 | 96906 | | A8A4TB4H1 | MS51957-28 | 96906 | | A8A4A6A12H5 |
| MS51957-14 | 96906 | | A8A1MP2H2 | MS51957-15 | 96906 | | A8A4TB4H2 | MS51957-28 | 96906 | | A8A5MP9H1 |
| MS51957-14 | 96906 | | A6A2A1H1 | MS51957-15 | 96906 | | A8A4TB6H2 | MS51957-29 | 96906 | | A8A5MP2H2 |
| MS51957-14 | 96906 | | A8A4A6A7H3 | MS51957-15 | 96906 | | A8A5E2H4 | MS51957-29 | 96906 | | A8A5T1H3 |
| MS51957-14 | 96906 | | A8A4MP12H7 | MS51957-15 | 96906 | | A8A5TB1Q3H3 | MS51957-29 | 96906 | | A8A5T1H4 |
| MS51957-14 | 96906 | | A8A4T101H1 | MS51957-15 | 96906 | | A8A5TB1Q3H4 | MS51957-3 | 96906 | | A8A5P1H2 |
| MS51957-14 | 96906 | | A8A4T101H2 | MS51957-15 | 96906 | | A8MP1H1 | MS51957-3 | 96906 | | A8A5P1H3 |
| MS51957-14 | 96906 | | A8A5TB1E1H2 | MS51957-17 | 96906 | | A8MP1H2 | MS51957-36 | 96906 | | A8A5T2H2 |
| MS51957-14 | 96906 | | A8A5TB1H1 | MS51957-19 | 96906 | | A8A3A9A1H4 | MS51957-4 | 96906 | | A8A3A4H1 |
| MS51957-14 | 96906 | | A8A7E5C72H1 | MS51957-19 | 96906 | | A8A7E7A1H2 | MS51957-4 | 96906 | | A8A3MP16H1 |
| MS51957-14 | 96906 | | A8A7E5C72H2 | MS51957-2 | 96906 | | A8A3E13H1 | MS51957-4 | 96906 | | A8A3MP17H1 |
| MS51957-14 | 96906 | | A8A7E5C74H1 | MS51957-2 | 96906 | | A8A3E13H2 | MS51957-4 | 96906 | | A8A5P1H4 |
| MS51957-14 | 96906 | | A8A7E5C74H2 | MS51957-2 | 96906 | | A8A3E15MS | MS51957-4 | 96906 | | A8A5R22H2 |
| MS51957-14 | 96906 | | A8A7E5C76H1 | MS51957-2 | 96906 | | A8A3E15H2 | MS51957-4 | 96906 | | A8A5R3H2 |
| MS51957-14 | 96906 | | A8A7E5C76H2 | MS51957-2 | 96906 | | A8A3E46H2 | MS51957-4 | 96906 | | A8A5R4H2 |
| MS51957-14 | 96906 | | A8A7E5CTBH1 | MS51957-2 | 96906 | | A8A7MP13H1 | MS51957-4 | 96906 | | A8A7ESE2H5 |
| MS51957-14 | 96906 | | A8A7E5CTBH2 | MS51957-2 | 96906 | | A8A7MP13H2 | MS51957-4 | 96906 | | A8A7E5E2H6 |
| MS51957-14 | 96906 | | A8A7E5C80H1 | MS51957-2 | 96906 | | A8A7MP13H3 | MS51957-4 | 96906 | | A8A7E5E2H7 |
| MS51957-14 | 96906 | | A8A7E5C80H2 | MS51957-2 | 96906 | | A8A7MP14H1 | MS51957-4 | 96906 | | A8A7E5E2H8 |
| MS51957-14 | 96906 | | A8A7E5C82H1 | MS51957-2 | 96906 | | A8A7MP14H2 | MS51957-43 | 96906 | | A8A7MP4H1 |
| MS51957-14 | 96906 | | A8A7E5C82H2 | MS51957-2 | 96906 | | A8A7MP14H3 | MS51957-43 | 96906 | | A8A5MP5H1 |
| MS51957-14 | 96906 | | A8A7E5C84H1 | MS51957-20 | 96906 | | A8A7E5H4 | MS51957-45 | 96906 | | A8A4A6H6 |
| MS51957-14 | 96906 | | A8A7E5C84H2 | MS51957-26 | 96906 | | A8A4MP36H3 | MS51957-5 | 96906 | | A8A3E48R148H3 |
| MS51957-14 | 96906 | | A8A7E5C86H1 | MS51957-26 | 96906 | | A8A4MP36H4 | MS51957-5 | 96906 | | A8A3E48R148H4 |
| MS51957-14 | 96906 | | ATB7ESC86H2 | MS51957-26 | 96906 | | A8A4MP55H1 | MS51957-5 | 96906 | | A8A3E48R150H3 |
| MS51957-14 | 96906 | | A8A7E5C88MS | MS51957-26 | 96906 | | A8A4MP55H2 | MS51957-5 | 96906 | | A8A3E48R150H4 |
| MS51957-14 | 96906 | | A8A7ESC88H2 | MS51957-26 | 96906 | | A8A4MP55H3 | MS51958-67 | 96906 | | A6MP5H1 |
| MS51957-14 | 96906 | | A8A7E5C90H1 | MS51957-26 | 96906 | | A8A4MP55H4 | MS51958-67 | 96906 | | A6MP6H1 |
| MS51957-14 | 96906 | | A8A7E5C90H2 | MS51957-26 | 96906 | | A8A4MP55H5 | MS51959-1 | 96906 | | A8A4A6A5MP1H1 |
| MS51957-14 | 96906 | | A8A7E5E1H1 | MS51957-26 | 96906 | | A8A4MP55H6 | MS51959-1 | 96906 | | A8A4A6A5MP1H2 |
| MS51957-14 | 96906 | | A8A7E5E1H2 | MS51957-27 | 96906 | | A8A4A1H2 | MS51959-1 | 96906 | | A8A4A6A5MP1H3 |
| MS51957-14 | 96906 | | A8A7E5E1H3 | MS51957-27 | 96906 | | A8A4A6MP21H1 | MS51959-1 | 96906 | | A8A4A6A5MP1H4 |
| MS51957-14 | 96906 | | A8A7E5E1H4 | MS51957-27 | 96906 | | A8A4A6MP21H2 | MS51959-12 | 96906 | | A8A3A4MP1H1 |
| MS51957-14 | 96906 | | A8MP8H1 | MS51957-27 | 96906 | | A8A5A1H2 | MS51959-12 | 96906 | | A8A3A4MP1H2 |
| MS51957-15 | 96906 | | A8A4A15H2 | MS51957-27 | 96906 | | A8A6MP2H1 | MS51959-12 | 96906 | | A8A3A4MP1H3 |
| MS51957-15 | 96906 | | A8A4K5H1 | MS51957-27 | 96906 | | A8A6MP2H2 | MS51959-12 | 96906 | | A8A3A4MP2H1 |
| MS51957-15 | 96906 | | A8A4K5H2 | MS51957-27 | 96906 | | A8MP8H2 | MS51959-12 | 96906 | | A8A3A4MP2H2 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| MS51959-12 | 96906 | | A8A3A4MP2H3 | MS51959-13 | 96906 | | A8A7MP12H4 | MS51959-3 | 96906 | | A8A3A4A1H4 |
| MS51959-12 | 96906 | | A8A3MP24H1 | MS51959-13 | 96906 | | A8A7P2H1 | MS51959-3 | 96906 | | A8A3A4A2H4 |
| MS51959-12 | 96906 | | A8A3MP24H2 | MS51959-14 | 96906 | | A6A3A1H1 | MS51959-3 | 96906 | | A8A3A9A1S1E1H1 |
| MS51959-12 | 96906 | | A8A3MP24H3 | MS51959-14 | 96906 | | A6A3A2H1 | MS51959-3 | 96906 | | A8A3A9A1S1E1H2 |
| MS51959-12 | 96906 | | A8A3MP24H4 | MS51959-14 | 96906 | | A8A3P1H4 | MS51959-3 | 96906 | | A8A3A9A2S2E1H1 |
| MS51959-12 | 96906 | | A8A4A5MP3H1 | MS51959-14 | 96906 | | A8A4MP14H1 | MS51959-3 | 96906 | | A8A3A9A2S2E1H2 |
| MS51959-12 | 96906 | | A8A4A6A3MP3H1 | MS51959-14 | 96906 | | A8A5E3H2 | MS51959-3 | 96906 | | A8A3A9A3S3E1H3 |
| MS51959-12 | 96906 | | A8A4E7H1 | MS51959-14 | 96906 | | A8A7P1H3 | MS51959-3 | 96906 | | A8A3A9A3S3E1H4 |
| MS51959-12 | 96906 | | A8A4E8H1 | MS51959-14 | 96906 | | A8A7P1H4 | MS51959-3 | 96906 | | A8A3MP39H1 |
| MS51959-12 | 96906 | | A8A4L109A1MP3H1 | MS51959-14 | 96906 | | A8A7P2H2 | MS51959-3 | 96906 | | A8A3MP39H2 |
| MS51959-12 | 96906 | | A8A4L111MP4H1 | MS51959-16 | 96906 | | A6MP7H1 | MS51959-3 | 96906 | | A8A3MP40H1 |
| MS51959-12 | 96906 | | A8A5E10H1 | MS51959-16 | 96906 | | A6MP7H2 | MS51959-3 | 96906 | | A8A3MP40H2 |
| MS51959-12 | 96906 | | A8A5E9H1 | MS51959-2 | 96906 | | A8A3MP26H1 | MS51959-3 | 96906 | | A8A1MP12H6 |
| MS51959-12 | 96906 | | A8A5K1H1 | MS51959-2 | 96906 | | A8A3MP26H2 | MS51959-30 | 96906 | | A5E2H1 |
| MS51959-12 | 96906 | | A8A5K1H2 | MS51959-2 | 96906 | | A8A3MP26H3 | MS51959-30 | 96906 | | A8E2H2 |
| MS51959-13 | 96906 | | A8A1T2H1 | MS51959-2 | 96906 | | A8A4A6A6MP1H1 | MS51959-30 | 96906 | | A8E2H3 |
| MS51959-13 | 96906 | | A8A1T2H2 | MS51959-2 | 96006 | | A8A4A6A6MP1H2 | MS51959-30 | 96906 | | A8A4A16H2 |
| MS51959-13 | 96906 | | A8A1T2H3 | MS51959-2 | 96906 | | A8A4A6A6MP1H3 | MS51959-4 | 96906 | | A8A2P4H3 |
| MS51959-13 | 96906 | | A8A1T2H4 | MS51959-2 | 96906 | | A7A4A6A6MP1H4 | MS51959-1 | 96906 | | A8A2P1H4 |
| MS51959-13 | 96906 | | A8A1T3H1 | MS51959-2 | 96906 | | A8A4E1H1 | MS51959-4 | 96906 | | A8A5MP3H2 |
| MS51959-13 | 96906 | | A8A1T3H2 | MS51959-2 | 96906 | | A8A4E2H1 | MS51959-4 | 96906 | | A8A5MP3H3 |
| MS51959-13 | 96906 | | A8A1T3H3 | MS51959-2 | 96906 | | A8A4E3H1 | MS51959-41 | 96906 | | A8A4L110H1 |
| MS51959-13 | 96906 | | A8A1T3H4 | MS51959-2 | 96906 | | A8A4E4H1 | MS51959-41 | 96906 | | A8A4L111H1 |
| MS51959-13 | 96906 | | A8A1T5H1 | MS51959-28 | 96906 | | A8A4K2H3 | MS51960-68 | 96906 | | A7A1MP10H3 |
| MS51959-13 | 96906 | | A8A1T5H2 | MS51959-28 | 96906 | | A8A4K2H4 | MS51960-68 | 96906 | | A7A1MP10H4 |
| MS51959-13 | 96906 | | A8A1T5H3 | MS51959-28 | 96906 | | A8A5T1H1 | MS51960-68 | 96906 | | A7A1MP11H3 |
| MS51959-13 | 96906 | | A8A1T5H4 | MS51959-28 | 96906 | | A8A5T1H2 | MS51960-68 | 96906 | | A7A1MP11H4 |
| MS51959-13 | 96906 | | A8A3198H1 | MS51959-3 | 96906 | | A8A1E1H6 | MS51960-68 | 96906 | | A7A2MP10H3 |
| MS51959-13 | 96906 | | A8A3P1H3 | MS51959-3 | 96906 | | A8A1E2H6 | MS51960-68 | 96906 | | A7A2MP10H4 |
| MS51959-13 | 96906 | | A8A3P2H3 | MS51959-3 | 96906 | | A8A1E3H4 | MS51960-68 | 96906 | | A7A2MP11H3 |
| MS51959-13 | 96906 | | A8A3P2H1 | MS51959-3 | 96906 | | A8A2P3H3 | MS51960-68 | 96906 | | A7A1MP11H4 |
| MS51959-13 | 96906 | | A8A3P3H3 | MS51959-3 | 96906 | | A8A2P3H4 | MS9021-008 | 96906 | | A8A4A6MP32 |
| MS51959-13 | 96906 | | A8A3P3H4 | MS51959-3 | 96906 | | A8A3A10S4E1H1 | MS9021-008 | 96906 | | A8A4A6MP33 |
| MS51959-13 | 96906 | | A8A3P4H3 | MS51959-3 | 96906 | | A8A3A10S4E1H2 | MS9021-008 | 96906 | | A8A4A6MP34 |
| MS51959-13 | 96906 | | A8A3P4H4 | MS51959-3 | 96906 | | A8A3A11S5E1H1 | MS9021-013 | 96906 | | A8A4H5 |
| MS51959-13 | 96906 | | A8A7MP12H1 | MS51959-3 | 96906 | | A8A3A11S5E1H2 | MS2786PRC47 | 80058 | 1-1 | A7 |
| MS51959-13 | 96906 | | A8A7MP12H2 | MS51959-3 | 96906 | | A8A3A12S8E1H3 | MX4430PRC47 | 80058 | 1-1 | A2 |
| MS51959-13 | 96906 | | A8A7MP12H3 | MS51959-3 | 96906 | | A8A3A12S8E154 | M4496 | 91345 | | A8A8MP4 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| NASMS190C04P3 | 80205 | | A8A2E1H4 | P313-0132-000 | 77250 | | A8A3P3H2 | P313-0156-000 | 77250 | | A8A3TB1E4H1 |
| NASMS190C04P3 | 80205 | 3-20 | A8A2E2H2 | P313-0132-000 | 77250 | | A8A3P4H2 | P313-0156-000 | 77250 | | A8A3TB1E5H1 |
| NASMS190C04P3 | 80205 | | A8A2E3H3 | P313-0132-000 | 77250 | | A8A4A16H2 | P313-0156-000 | 77250 | | A8A3TB1E6H1 |
| NASMS190C04P3 | 80205 | | A8A2E4H3 | P313-0132-000 | 77250 | | A8A4A7A1H2 | P313-0156-000 | 77250 | | A8A3TB2E8H1 |
| NASMS190C04P3 | 80205 | 3-21 | A8A2ESH2 | P313-0132-000 | 77250 | | A8A4E37H1 | P313-0156-000 | 77250 | | A8A3XV3H1 |
| NA5MS100C04P4 | 80205 | | A8A7A1A3H2 | P313-0132-000 | 77250 | | A8A4E38H1 | P313-0156-000 | 77250 | | A8A3XV3H2 |
| NM2032ZM3E | 43334 | | A8A7MP1 | P313-0132-000 | 77250 | | A8A4E39H1 | P313-0156-000 | 77250 | | A8A4A16H2 |
| NM2032ZM3E | 43343 | | A8A7MP2 | P313-0132-000 | 77250 | | A8A4E55H1 | P320-0007-000 | 77250 | | A8A4E29H1 |
| N5030B | 97539 | | A8A4S102H1 | P313-0132-000 | 77250 | | A8A4E56H1 | P320-0007-000 | 77250 | | A8A4E29H2 |
| N5030B | 97539 | | A8A4S2H1 | P313-0132-000 | 77250 | | A8A4E57H1 | P320-0007-000 | 77250 | | A8A4E30H1 |
| N5040R | 97539 | | A8A4S3H1 | P313-0132-000 | 77250 | | A8A4FL2H2 | P320-0007-000 | 77250 | | A8SAE30H2 |
| N9030-1-4 | 97539 | | A8A4A7H1 | P313-0132-000 | 77250 | | A8A4K102H1 | P320-0007-000 | 77250 | | A8A4E31H1 |
| N9033-1-4 | 97539 | | A8A4R11H1 | P313-0132-000 | 77250 | | A8A4K102H2 | P320-0007-000 | 77250 | | A8A4E31H2 |
| N9033-1-4 | 97539 | | A8A4S1H1 | P313-0132-000 | 77250 | | A8A4MP12H1 | P320-0007-000 | 77250 | | A8SAE32H1 |
| PA234-026 | 71590 | 3-64 | A8A4A16S101A | P313-0132-000 | 77250 | | A8A4MP12H2 | P320-0007-000 | 77250 | | A8A4E32H2 |
| PA234-026 | 71590 | 3-64 | A8A4A16S101B | P313-0132-000 | 77250 | | A8A5E6H1 | P325-0064-000 | 77250 | | A8A4Q1H3 |
| PH6 | 04009 | | A8A4S3 | P313-0132-000 | 77250 | | A8MP6H1 | P325-0064-000 | 77250 | | A8A4Q1H4 |
| PP3518PRC47 | 80058 | 3-4 | A8A5 | P313-0132-000 | 77250 | | A8MP6H2 | P325-0064-000 | 77250 | | A8A4Q2H3 |
| PT07C18-11P | 77820 | | A8A4P1 | P313-00140-00 | 77250 | | A8A4E35H1 | P325-0064-000 | 77250 | | A8A4Q2H4 |
| P109666 | 56289 | 3-64 | A8A4C146 | P313-0143-000 | 77250 | | A8A3H3 | P325-0066-000 | 77250 | | A6A3MP3H3 |
| P312-0088-000 | 77250 | | A8A4A16MP8H1 | P313-0143-000 | 77250 | | A8A3H4 | P325-0066-000 | 77250 | | A6A3MP3H4 |
| P312-0088-000 | 77250 | | A8A4A16MP9H1 | P313-0103-000 | 77250 | | A8A3H5 | P325-0080-000 | 77250 | | A8A4A6H3 |
| P313-0045-000 | 77250 | | A8A4A6MP55H1 | P313-0143-000 | 77250 | | A8A3H6 | P325-0092-000 | 77250 | | A8A3E20H2 |
| P313-0045-000 | 77250 | | A8A4A6MP56H1 | P313-0103-000 | 77250 | | A8A3H7 | P325-0092-000 | 77250 | | A8A3E21H2 |
| P313-0045-000 | 77250 | | A8A4A6MP57H1 | P313-0143-000 | 77250 | | A8A3H8 | P330-2253-000 | 77250 | | A8A4C122H1 |
| P313-0045-000 | 77250 | | A8A4K2H1 | P313-0156-000 | 77250 | | A8A3A4E3H1 | P330-2253-000 | 77250 | | A8A4C122H2 |
| P313-0045-000 | 77250 | | A8A4K2H2 | P313-0156-000 | 77250 | | A8A3A4E4H1 | P330-2284-000 | 77250 | | A8A3E17H2 |
| P313-0045-000 | 77250 | | A8A4MP36H1 | P313-0156-000 | 77250 | | A8A3E20H1 | P330-2284-000 | 77250 | | A8A3E18H2 |
| P313-0045-000 | 77250 | | A8A4MP36H2 | P313-0156-000 | 77250 | | A8A3E21H1 | P330-2284-000 | 77250 | | A8A3E19H2 |
| P313-0045-000 | 77250 | | A8A4Q1H1 | P313-0156-000 | 77250 | | A8A3E30H1 | P330-2285-000 | 77250 | | A8A5E5H2 |
| P313-0045-000 | 77250 | | A8A4Q1H2 | P313-0156-000 | 77250 | | A8A3E31H1 | P330-2286-000 | 77250 | | A8A8P1H1 |
| P313-0045-000 | 77250 | | A8A4Q2H1 | P313-0156-000 | 77250 | | A8A3E32H1 | P330-2287-000 | 77250 | | A8A4J1H3 |
| P313-0045-000 | 77250 | | A8A4Q2H2 | P313-0156-000 | 77250 | | A8A3E33H1 | P330-2287-000 | 77250 | | A8A4J1H4 |
| P313-0045-000 | 77250 | | A8A5T2H1 | P313-0156-000 | 77250 | | A8A3E34H1 | P330-2287-000 | 77250 | | A8A4J10H3 |
| P313-0046-000 | 77250 | | A8A4A6H9 | P313-0156-000 | 77250 | | A8A3E35H1 | P330-2287-000 | 77250 | | A8A4J10H4 |
| P313-0132-000 | 77250 | | A8A3A3H2 | P313-0156-000 | 77250 | | A8A3E36H1 | P330-2287-000 | 77250 | | A8A4J11H3 |
| P313-0132-000 | 77250 | | A8A3P1H2 | P313-0156-000 | 77250 | | A8A3E38H1 | P330-2287-000 | 77250 | | A8A4J11H4 |
| P313-0132-000 | 77250 | | A8A3P2H2 | P313-0156-000 | 77250 | | A8A3E38H2 | P330-2287-000 | 77250 | | A8A4J2H3 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | REF NO. | MFG CO. | | | FIG NO. | REF NO. | | | MFG CO. | FIG NO. | |
| P330-2287-000 | 77250 | | A8A4J2H4 | P330-2290-000 | 77250 | | A5A5XC19H3 | P334-4120-000 | 77250 | | A8A3MP8H1 |
| P330-2287-000 | 77250 | | A8A4J3H3 | P330-2290-000 | 77250 | | A8A5XC19H4 | P342-0023-000 | 77250 | | A8A4A6A8MP3H1 |
| P330-2287-000 | 77250 | | A8A4J3H4 | P330-2290-000 | 77250 | | A8A5XC20H2 | P342-0024-000 | 77250 | | A8A4MP54H1 |
| P330-2287-000 | 77250 | | A1A4J4H3 | P330-2290-000 | 77250 | | A8A5XC20H3 | P342-0024-000 | 77250 | | A8A4MP54H2 |
| P330-2287-000 | 77250 | | A8A4J4H4 | P330-2291-000 | 77250 | | A8A4A16H2 | P342-0024-000 | 77250 | | A8A4MP54H3 |
| P330-2287-000 | 77250 | | A8A4J5H2 | P330-2291-000 | 77250 | | A8A4FL2H2 | P342-0024-000 | 77250 | | A8A4MP54H4 |
| P330-2287-000 | 77250 | | A8A4J5H3 | P330-2291-000 | 77250 | | A8A4K6H3 | P342-0142-000 | 77250 | | A8A3E37H2 |
| P330-2287-000 | 77250 | | A8A4J6H3 | P330-2291-000 | 77250 | | A8A4K6H4 | P342-0143-000 | 77250 | | A8A1P1H3 |
| P330-2287-000 | 77250 | | A8A4J6H4 | P330-2291-000 | 77250 | | A8A4R8H3 | P342-0143-000 | 77250 | | A8A1P1H4 |
| P330-2287-000 | 77250 | | A8A4J7H2 | P330-2291-000 | 77250 | | A8A4R8H4 | P342-0143-000 | 77250 | | A8A6P1H2 |
| P330-2287-000 | 77250 | | A8A4J7H3 | P330-2292-000 | 77250 | | A8A4K1H3 | P342-0143-000 | 77250 | | A8A6P1H3 |
| P330-2287-000 | 77250 | | A8A4J8H3 | P330-2292-000 | 77250 | | A8A4K1H4 | P342-0152-000 | 77250 | | A8A3TB1H2 |
| P330-2287-000 | 77250 | | A8A4J8H4 | P330-2292-000 | 77250 | | A8A4K3H3 | P342-0152-000 | 77250 | | A8A3TB2H2 |
| P330-2288-000 | 77250 | | A8A4J9H3 | P330-2292-000 | 77250 | | A8A4K3H4 | P342-0152-000 | 77250 | | A8A4A16H1 |
| P330-2288-000 | 77250 | | A8A4J9H4 | P330-2292-000 | 77250 | | A8A4K4H3 | P342-0153-000 | 77250 | | A8A4A16H1 |
| P330-2290-000 | 77250 | | A8A4E37H2 | P330-2292-000 | 77250 | | A8A4K4H4 | P342-0165-000 | 77250 | | A8A4A6E1H1 |
| P330-2290-000 | 77250 | | A8A4E38H2 | P330-2292-000 | 77250 | | A8A4MP15H1 | P342-0165-000 | 77250 | | A8A4A6E1H2 |
| P330-2290-000 | 77250 | | A8A4E39H2 | P330-2292-000 | 77250 | | A8A4MP16H1 | P342-0165-000 | 77250 | | A8A4A6E2H1 |
| P330-2290-000 | 77250 | | A8A4E55H2 | P330-2292-000 | 77250 | | A8A4MP17H1 | P342-0165-000 | 77250 | | A8A4A6E2H2 |
| P330-2290-000 | 77250 | | A8A4E56H2 | P330-2296-000 | 77250 | | A8A4E131H1 | P342-0165-000 | 77250 | | A8A4MP90H1 |
| P330-2290-000 | 77250 | | A8A4E57H2 | P330-2296-000 | 77250 | | A8A4E24H1 | P342-0165-000 | 77250 | | A8A4MP90H2 |
| P330-2290-000 | 77250 | | A8A4TB10H1 | P330-2296-000 | 77250 | | A8A4MP10H1 | P342-0165-000 | 77250 | | A8A4MP91H1 |
| P330-2290-000 | 77250 | | A8A4TB10H2 | P330-2296-000 | 77250 | | A8A4MP10H2 | P342-0165-000 | 77250 | | A8A4MP91H2 |
| P330-2290-000 | 77250 | | A8A4TB8H1 | P330-2296-000 | 77250 | | A8A4MP11H1 | P342-0025-000 | 77250 | | A8A4A6MP20H1 |
| P330-2290-000 | 77250 | | A8A4TB8H2 | P330-2296-000 | 77250 | | A8A4MP11H2 | P342-0026-000 | 77250 | | A8A4A6MP51H1 |
| P330-2290-000 | 77250 | | A8A4TB9H1 | P334-0249-000 | 77250 | | A8A4C146H1 | P342-0026-000 | 77250 | | A8A4A6MP51H3 |
| P330-2290-000 | 77250 | | A8A4TB9H2 | P334-0253-000 | 77250 | | A8A4A7A1R117H1 | P342-0026-000 | 77250 | | A8A4A6MP52H1 |
| P330-2290-000 | 77250 | | A7A4T1H1 | P334-0253-000 | 77250 | | A8A4R121H1 | P342-0026-000 | 77250 | | A8A4A6MP53H1 |
| P330-2290-000 | 77250 | | A8A4T1H2 | P334-0254-000 | 77250 | | A8A4C29H1 | P342-0026-000 | 77250 | | A8A4A6MP54H1 |
| P330-2290-000 | 77250 | | A8A4T2H3 | P334-0254-000 | 77250 | | A8A4C30H1 | P342-0026-000 | 77250 | | A8A4MP12H3 |
| P330-2290-000 | 77250 | | A8A4T2H4 | P334-0284-000 | 77250 | | A2J1H1 | P342-0026-000 | 77250 | | A8A4MP12H4 |
| P330-2290-000 | 77250 | | A8A4T3H3 | P334-0284-000 | 77250 | | A2J2H1 | P342-0026-000 | 77250 | | A8A4MP12H5 |
| P330-2290-000 | 77250 | | A8A4T3H4 | P334-0284-000 | 77250 | | A2J2H2 | P342-0162-000 | 77250 | | A8A3A4MP2H4 |
| P330-2290-000 | 77250 | | A8A5A1H1 | P334-0485-000 | 77250 | | A8A3MP12H1 | P342-0162-000 | 77200 | | A8A3A4MP2H5 |
| P330-2290-000 | 77250 | | A8A5E4H1 | P334-0485-000 | 77250 | | A8A4MP22H1 | P342-1958-000 | 77250 | | A8MP6H3 |
| P330-2290-000 | 77250 | | A8A5L1H1 | P334-0485-000 | 77250 | | A8A4MP23H1 | P342-1958-000 | 77250 | | A8MP6H4 |
| P330-2290-000 | 77250 | | A8A5L1H2 | P334-4060-000 | 77250 | | A8A4MP13H1 | P342-1959-000 | 77250 | | A8A8MP2H1 |
| P330-2290-000 | 77250 | | A8A5MP3H1 | P334-4120-000 | 77250 | | A8A3MP7H1 | P342-1959-000 | 77250 | | A8A8MP2H2 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | REF NO. | MFG CO. | | | FIG NO. | REF NO. | | | MFG CO. | FIG NO. | |
| P343-0017-000 | 77250 | | A8A4MP18H1 | P343-0285-000 | 77250 | | A8A2E9H1 | P343-0299-000 | 77250 | | A8A3A4H2 |
| P343-0017-000 | 77250 | | A8A4MP18H2 | P343-0285-000 | 77250 | | A8A3E10H1 | P343-0299-000 | 77250 | | A8A3TB2E4H2 |
| P343-0017-000 | 77250 | | A8A4MP18H3 | P343-0285-000 | 77250 | | A8A3E16H1 | P343-0299-000 | 77250 | | A8A3TB2E5H2 |
| P343-0017-000 | 77250 | | A8A4MP18H4 | P343-0285-000 | 77250 | | A8A3TB1E4H2 | P343-0299-000 | 77250 | | A8A3TB286H2 |
| P343-0018-000 | 77250 | | A8A4MP53H1 | P343-0285-000 | 77250 | | A8A3TB1E5H2 | P343-0299-000 | 77250 | 3-52 | A8A6E1H6 |
| P343-0018-000 | 77250 | | A8A4MP53H2 | P343-0285-000 | 77250 | | A8A3TB1E6H2 | P343-0301-000 | 77250 | | A8A6E2R1H3 |
| P343-0018-000 | 77250 | | A8A4MP53H3 | P343-0285-000 | 77250 | | A8A3TB2E8H2 | P343-0301-000 | 77250 | | A8A6E2R1H4 |
| P343-0018-000 | 77250 | | A8A4MP53N4 | P343-0285-000 | 77250 | | A8A3XV3H3 | P343-0307-000 | 77250 | | A8A4E139H1 |
| P343-0010-000 | 77250 | | A8MP5H1 | P343-0285-000 | 77250 | | A8A3XV3H4 | P343-0327-000 | 77250 | | A5E3H1 |
| P343-0019-000 | 77250 | | A8MP5H2 | P343-0285-000 | 77250 | | A8A4A2H2 | P343-0327-000 | 77250 | | A8A4A16E3H1 |
| P343-0023-000 | 77250 | | A8A4M101H1 | P343-0286-000 | 77250 | | A8A3A13MP1H1 | P343-0327-000 | 77250 | | A8A4A16E4H1 |
| P343-0023-000 | 77250 | | A8A4M101H2 | P343-0287-000 | 77250 | | A8A7E5MP3H1 | P343-0327-000 | 77250 | | A8A4A16E5H1 |
| P343-0023-000 | 77250 | | A8A4M101H3 | P343-0298-000 | 77250 | | A8A3A4E1H1 | P343-0327-000 | 77250 | | A8A4A16E6H1 |
| P343-0023-000 | 77250 | | A8A4M101H4 | P343-0298-000 | 77250 | | A8A3A4E2H1 | P343-0327-000 | 77250 | | A8A4A16E7H1 |
| P343-9595-000 | 77250 | | A8A4A6MP1H1 | P343-0298-000 | 77250 | | A8A3A4E3H2 | P343-0327-000 | 77250 | | A8A4A16E8H1 |
| P343-0D95-000 | 77250 | | A8A4A6MP1H2 | P343-0298-000 | 77250 | | A8A3A4E4H2 | P343-0327-000 | 77250 | | A8A4A16E9H1 |
| P343-0095-000 | 77250 | | A8A4A6MP1H3 | P343-0298-000 | 77250 | | A8A3TB1H1 | P343-0327-000 | 77250 | | A8A4C123H1 |
| P343-0095-000 | 77250 | | A8A4A6MP1H4 | P343-0298-000 | 77250 | | A8A3TB2H1 | P343-0328-000 | 77250 | | A8A4A16C115H1 |
| P343-0095-000 | 77250 | | A8A4A6MP1H5 | P343-0298-000 | 77250 | 3-23 | A5A3TB2K1H1 | P343-0328-000 | 77250 | | A8A4A16C116H1 |
| P343-0095-000 | 77250 | | A8A4A6MP1H6 | P343-0298-000 | 77250 | 3-23 | A8A3TB2K1H2 | P343-0328-000 | 77250 | | A8A4A16C117H1 |
| P343-0172-000 | 77250 | | A8A4A1A1H2 | P343-0298-000 | 77250 | | A8A4FL2E1H1 | P343-0328-000 | 77250 | | A8A4A16C118H1 |
| P343-0172-000 | 77250 | | A8A4A3MP1H1 | P343-0298-000 | 77250 | | A8A4FL2E1H2 | P343-0328-000 | 77250 | | A8A4A16C119H1 |
| P343-0172-000 | 77250 | | A8A4A1MP1H2 | P343-0298-000 | 77250 | | A8A4FL2E1H3 | P343-0328-000 | 77250 | | A8A4A16C120H1 |
| P343-0284-000 | 77250 | 3-21 | A8A2MP3H1 | P343-0298-000 | 77250 | | A8A4FL2E1H4 | P343-0328-000 | 77250 | | A8A4A16C121H1 |
| P343-0284-000 | 77250 | | A8A3E30H2 | P343-0298-000 | 77250 | | A8A4FL2E1H5 | P343-0328-000 | 77250 | | A8A4C123H2 |
| P343-0284-000 | 77250 | | A8A3E31H2 | P343-0298-000 | 77250 | | A8A4FL2E1H6 | P343-0328-000 | 77250 | | A8A4E35H2 |
| P343-0284-000 | 77250 | | A8A3E32H2 | P343-0298-000 | 77250 | | A8A6A1E1H1 | P343-0328-000 | 77250 | | A8A4E41H1 |
| P343-0284-000 | 77250 | | A8A3E33H2 | P343-0298-000 | 77250 | | A8A6A1E2H1 | P343-0328-000 | 77250 | | A8A4E42H1 |
| P343-0284-000 | 77250 | | A8A3E34H2 | P343-0298-000 | 77250 | | A8A6A1E3H1 | P343-0329-000 | 77250 | | A8A1E1L1H1 |
| P343-0284-000 | 77250 | | A8A3E35H2 | P343-0298-000 | 77250 | | A8A6A1E4H1 | P343-0329-000 | 77250 | | A8A1E1L2H1 |
| P343-0284-000 | 77250 | | A8A3E36H2 | P343-0298-000 | 77250 | | A8A6A1E5H1 | P343-0330-000 | 77250 | | A8A4A16MP7H1 |
| P343-0284-000 | 77250 | | A8A7MP7H1 | P343-0298-000 | 77250 | | A8A6E1E1H1 | P343-0330-000 | 77250 | | A8A4A16MP7H2 |
| P343-0284-000 | 77250 | | A8A7MP7H2 | P343-0298-000 | 77250 | | A8A6E1E2H1 | P343-0330-000 | 77250 | | A8A4A6E3H1 |
| P343-0285-000 | 77250 | | A3MP2H1 | P343-0298-000 | 77250 | | A8A6E1E3H1 | P343-0330-000 | 77250 | | A8A4A6E4H1 |
| P343-0285-000 | 77250 | | A3MP2H2 | P343-0298-000 | 77250 | | A8A6E1E41H | P343-0361-000 | 77250 | | A8A6E2R2H3 |
| P343-0285-000 | 77250 | | A3MP2H3 | P343-0298-000 | 77250 | | A8A6E1E5H1 | P343-0361-000 | 77250 | | A8A6E2R2H4 |
| P343-0285-000 | 77250 | | A3MP2H4 | P343-0298-000 | 77250 | | A8A6E1E6H1 | P343-0382-000 | 77250 | | A8A4A16C108H1 |
| P343-0285-000 | 77250 | | A8A1E4H1 | P343-0298-000 | 77250 | | A8A1E5H2 | P343-0382-000 | 77250 | | A8A4A16C109H1 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | REF NO. | MFG CO. | | | FIG NO. | REF NO. | | | MFG CO. | FIG NO. | |
| P343-0382-000 | | 77250 | A8A4A16C110H1 | P347-0090-000 | 77250 | | A8A3MP15H3 | RCR07G102KS | 81349 | 3-22 | A8A3TB1R5 |
| P343-0382-000 | | 77250 | A8A4A16C111H1 | P347-0090-000 | 77250 | | A8A3MP15H4 | RCR07GC12KS | 81349 | 3-54 | A8A7E1R14 |
| P343-0382-000 | | 77250 | A8A4A16C112H1 | P347-0104-000 | 77250 | | A8A7E7A2E1H3 | RCR07102GKS | 81349 | 3-54 | A8A7E1R19 |
| P343-0382-00G | | 77250 | A8A4A16C113H1 | P347-0104-000 | 77250 | | A8A7E7A2E1H4 | RCR07G102KS | 81349 | 3-54 | A8A77E1R30 |
| P343-0382-000 | | 77250 | A8A4A16C114H1 | P347-0104-000 | 77250 | | ACA7E7A2E2H3 | RCR07G102KS | 81349 | 3-55 | A8A7E2R103 |
| P347-0007-000 | | 77250 | A8A3E38H3 | P347-0104-000 | 77250 | | A8A7E7A2E2H4 | RCR07G102KS | 81349 | 3-55 | A8A7E2R104 |
| P347-0021-000 | | 77250 | A8A3MP13H1 | P57035 | 70371 | | A8A4A6MP1 | RCR07G102KS | 81349 | 3-55 | A8A7E2R39 |
| P347-0021-000 | | 77250 | A8A3MP14H1 | Q123 | 03887 | 3-18 | A8A1E2CR17 | RCR07G102KS | 81349 | 3-55 | A8A7E2R50 |
| P347-0024-000 | | 77250 | A8A3L145H1 | R81J26D1018 | 73905 | | A8A4K101 | RCR07G102KS | 81349 | 3-55 | A8A7E2R59 |
| P347-0024-000 | | 77250 | A8A3L145H2 | RCR05GF682K | 81349 | 3-32 | A8A3A4A2R173 | RCR07G102KS | 81349 | 3-55 | A8A7E2R69 |
| P347-0024-000 | | 77250 | A8A3114SH3 | RCR05GF682K | 81349 | 3-32 | A8A3A4A2R179 | RCR07C102KS | 81349 | 3-59 | A8A7E6R117 |
| P347-0053-000 | | 77250 | A8A4A6MP46H1 | RCR07G100KS | 81349 | 3-56 | A8A7TB1R144 | RCR07G102KS | 81349 | 3-56 | A8A7TB1R120 |
| P347-0053-000 | | 77250 | A8A4A6MP46H2 | RCR07G101KS | 81349 | 3-18 | A8A1E2R1 | RCR07G102KS | 81349 | 3-56 | A8A7TB1R144 |
| P347-0053-000 | | 77250 | A8A4A6MP47H1 | RCR07G101KS | 81349 | 3-38 | A8A3E47R41 | RCR07G102KS | 81349 | 3-56 | A8A7TB7R145 |
| P347-0053-000 | | 77250 | A8A4A6MP47H2 | RCR07G101KS | 81349 | 3-22 | A8A3TB1R6 | RCR07G102KS | 81349 | 3-56 | A8A7TB1R146 |
| P347-0056-000 | | 77250 | A8A4MP61H1 | RCR07G101KS | 81349 | 3-23 | A8A3TB2R11 | RCR07G102KS | 81349 | 3-56 | A8A7TB1R147 |
| P347-0056-000 | | 77250 | A8A4MP62H1 | RCR07G101KS | 81349 | 3-23 | A8A3TB2R14 | RCR07G103KS | 81349 | 3-18 | A8A1E2R19 |
| P347-0056-000 | | 77250 | A8A4MP63H1 | RCR07G101KS | 81349 | 3-55 | A8A7E2R45 | RCR07G103KS | 81349 | 3-19 | A8A1E3R47 |
| P347-0056-000 | | 77250 | A8A4MP64H1 | RCR07G101KS | 81349 | 3-56 | A8A7TB1R131 | RCR07G103KS | 81349 | 3-19 | A8A1E3R53 |
| P3n7-0056-000 | | 77250 | A8A4MP65H1 | RCR07G102KS | 81349 | 3-21 | A8A2E4R23 | RCR07G103KS | 81349 | 3-19 | A8A1E3R64 |
| P347-0056-000 | | 77250 | A8A4MP66H1 | RCR07G102KS | 81349 | 3-33 | A8A3A4R161 | RCR07G103KS | 81349 | 3-19 | A8A1E3R68 |
| P347-0056-000 | | 77250 | A8A4MP67H1 | RCR07G102KS | 81349 | 3-37 | A8A3E46R119 | RCR07G103KS | 81349 | 3-20 | A8A2E2R14 |
| P347-0056-000 | | 77250 | A8A4MP68H1 | RCR07G102KS | 81349 | 3-37 | A8A3E46R123 | RCR07G103KS | 81349 | 3-21 | A8A2E3R24 |
| P347-0056-000 | | 77250 | A8A4MP69H1 | RCR07G102KS | 81349 | 3-37 | A8A3E46R124 | RCR07C103KS | 81349 | 3-21 | A8A2E4R31 |
| P347-0056-000 | | 77250 | A8A4MP71H1 | RCR07G102KS | 81349 | 3-37 | A8A3E46R128 | RCR07C103KS | 81349 | 3-21 | A8A2E4R39 |
| P347-0056-000 | | 77250 | A8A4MP77H1 | RCR07G102KS | 81349 | 3-37 | A8A3E46R129 | RCR07G103KS | 81349 | 3-20 | A8A2R27 |
| P347-0056-000 | | 77250 | A8A4MP72H1 | RCR07G102KS | 81349 | 3-37 | A8A3E46R133 | RCR07G103KS | 81349 | 3-38 | A8A3E47R25 |
| P347-0056-000 | | 77250 | A8A4MP73H1 | RCR07G102KS | 81349 | 3-38 | A8A3E47R138 | RCR07G103KS | 81349 | 3-38 | A8A3E47R44 |
| P347-0056-000 | | 77250 | A8A4MP74H1 | RCR07G102KS | 81349 | 3-38 | A8A3E47R34 | RCR07G103KS | 81349 | 3-38 | A8A3E47R48 |
| P347-0056-000 | | 77250 | A8A4MP77H1 | RCR07G102KS | 81349 | 3-38 | A8A3E47R46 | RCR07C103KS | 81349 | 3-8 | A8A3E47R56 |
| P347-0056-000 | | 77250 | A8A4MP76H1 | RCR07G102KS | 81349 | 3-38 | A8A3E47R47 | RCR07G103KS | 81349 | 3-39 | A8A3E48R97 |
| P347-0056-000 | | 77250 | A8A4MP77H1 | RCR07G102KS | 81349 | 3-38 | A8A3E47R50 | RCR07G103KS | 81349 | 3-40 | A8A3R17 |
| P347-0056-000 | | 77250 | A8A4MP78H1 | RCR07G102KS | 81349 | 3-38 | A8A3E47R51 | RCR07C103KS | 81349 | 3-22 | A8A3781R1 |
| P347-0056-000 | | 77250 | A8A4MP79H1 | RCR07G102KS | 81349 | 3-38 | A8A3E47R55 | RCR07G103KS | 81349 | 3-23 | A8A3782R9 |
| P347-0056-000 | | 77250 | A8A4MP80H1 | RCR07G102KS | 81349 | 3-39 | A8A3E48R59 | RCR07G103KS | 81349 | 3-53 | A8A6A1R23 |
| P347-0056-000 | | 77250 | A8A4MP81H1 | RCR07G102KS | 81349 | 3-39 | A8A3E48R89 | RCR07G103KS | 81349 | 3-53 | A8A6A1R28 |
| P347-0090-000 | | 77250 | A8A3MP15H1 | RCR07G102KS | 81349 | 3-39 | A8A3E48R90 | RCR07G103KS | 81349 | 3-53 | A8A6A1R31 |
| P347-0090-000 | | 77250 | A8A3MP15H2 | RCR07G102KS | 81349 | 3-41 | A8A3R88 | RCR07G103KS | 81349 | 3-53 | A8A6A1R32 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| RCR07G103KS | 81349 | 3-52 | A8A6E1R35 | RCR07G121KS | 81319 | 3-37 | A8A3E46RL25 | RCR07GC53KS | 81349 | 3-20 | ABA2E2R16 |
| RCR07G103KS | 81349 | 3-52 | A8A6E1R37 | RCR07G121KS | 81349 | 3-37 | A8A3E46R130 | RCR07G153KS | 81349 | 3-37 | A8A3E46R120 |
| RCR07G103KS | 81349 | 3-52 | A8A6E1R41 | RCR07G121CS | 81349 | 3-37 | A8A3E46R135 | RCR07G153KS | 81349 | | A8A6R30 |
| RCR07G103KS | 81349 | 3-52 | A8A6E1RH2 | RCR07G121KS | 81349 | 3-38 | A8A3E47R149 | RCC07G153KS | 81349 | | A8A6R45 |
| RCR07G103KS | 81349 | 3-52 | A8A6E2R10 | RCR07G121KS | 81319 | 3-38 | A8A3E47R43 | RCR07G153KS | 81349 | | A8A6R46 |
| RCR07G103KS | 81349 | 3-52 | A8A6E2R11 | RCR07G121KS | 81349 | 3-38 | A8A3E47R57 | RCR07G181KS | 81319 | 3-51 | A8A7E1R12 |
| RCR07G103KS | 81349 | 3-52 | A8A6E2R14 | RCR07G121KS | 81349 | 3-39 | A8A3E48R77 | RCR07G182KS | 81349 | 3-20 | A8A2E2R14 |
| RCR07G103KS | 81349 | 3-52 | A8A6E2R15 | RCR07G121KS | 81349 | 3-39 | A8A3E18R94 | RCR07G182KS | 81319 | 3-33 | A8A3A4R171 |
| RCR07G103KS | 81349 | | A8A6R30 | RCR07G121KS | 81349 | 3-54 | A8A7E1R15 | RCR07G182KS | 81349 | 3-54 | A8A7E1R4 |
| RCR07G103KS | 81349 | | A8A6R45 | RCR07G121KS | 81349 | 3-54 | A8A7E1R20 | RCR07G182KS | 81349 | 3-54 | A8A7E1R7 |
| RCR07G103KS | 81349 | | A8A6R46 | RCR07G121KS | 81349 | 3-54 | A8A7E1R31 | RCR07G183KS | 81349 | 3-19 | A8A1E3R55 |
| RCR07G103KS | 81349 | 3-54 | A8A7E1R23 | RCR07G121KS | 81349 | 3-54 | A8A7E1R8 | RCR07G183KS | 81349 | 3-21 | A8A2E3R22 |
| RCR07G103KS | 81349 | 3-54 | A8A7E1R26 | RCR07G121KS | 81349 | 3-57 | A8A7E4R88 | RCR07G183KS | 81349 | 3-39 | A8A3E48R92 |
| RCR07G103KS | 81349 | 3-54 | A8A7E1R3 | RCR07G121KS | 81349 | 3-57 | A8A7E7R93 | RCR07G183KS | 81319 | | A8A6R30 |
| RCR07G103KS | 813h9 | 3-55 | A8ATE2R41 | RCR07G121KS | 81349 | 3-59 | A8A7E6R118 | RCR07G183KS | 81349 | | A8A6R45 |
| RCR07G103KS | 813149 | 3-55 | A8A7E2R61 | RCR07G122KS | 81319 | 3-19 | A8A1E3R72 | RCR07G183xS | 81349 | | A8A6R46 |
| RCR07G103KS | 81349 | 3-56 | A8A7TB1R127 | RCR07G123KS | 81349 | 3-19 | A8A1E3R58 | RCR07G183KS | 81349 | 3-59 | A8A7E6R113 |
| RCR07G104KS | 81349 | 3-17 | A8A1E1R34 | RCR07G123KS | 81349 | 3-19 | A8A1E3178 | RCR07G184KS | 81349 | 3-19 | A8ALE3R50 |
| RCR07G104KS | 81349 | 3-17 | A8A1E1R38 | RCR07G123KS | 81349 | 3-38 | A8A3E47R136 | RCR07G221KS | 81349 | 3-41 | A8A3R181 |
| RCR07G104KS | 81349 | 3-17 | A8A1E1R39 | RCR07G123KS | 81349 | 3-38 | A8A3E47R137 | RCR07G221KS | 81349 | 3-53 | A8A6A11R45 |
| RCR07G104KS | 81349 | 3-17 | A8A1E1R41 | RCR07G123KS | 81349 | 3-38 | A8A3E47R141 | RCR07G221KS | 81349 | 3-52 | A8A6E2R17 |
| RCR07G104KS | 81349 | 3-17 | A8A1E1R44 | RCR07G123KS | 81349 | 3-38 | A8A3E47R31 | RCR07G221KS | 81349 | 3-57 | A8A7E4R97 |
| RCR07G104KS | 81349 | 3-18 | A8A1E2R13 | RCR07G123KS | 81349 | 3-38 | A8A3E47R35 | RCR07G221KS | 81349 | 3-56 | A8ATTB1R139 |
| RCR07G104KS | 81349 | 3-18 | A8A1E2R28 | RCR07G123KS | 81349 | 3-38 | A8A3E47R52 | RCR07C221KS | 81349 | 3-56 | A8A7TB1R144 |
| RCR07G104KS | 81349 | 3-18 | A8A1E2R4 | RCR07G123KS | 81349 | 3-38 | A8A3E47R53 | RCR07G222KS | 81349 | 3-20 | A8A2E2R14 |
| RCR07G104KS | 81349 | 3-18 | A8A1E2R7 | RCR07G123KS | 81349 | 3-23 | A8A3TB2R13 | RCR07G222KS | 81349 | 3-20 | A8A2E2R15 |
| RCR07G104KS | 81349 | 3-19 | A8A1E3R49 | RCR07G123KS | 813149 | | A8A6R30 | RCR07G222KS | 81349 | 3-21 | A8A2E3R?0 |
| RCR07G104KS | 81349 | 3-19 | A8A1.E3R76 | RCR07G123KS | 81349 | | A8A6R45 | RCR07G222KS | 81349 | 3-21 | A8A2E3R21 |
| RCR07G104KS | 81349 | 3-19 | A8A1E3R77 | RCR07G123KS | 81349 | | A8A6R46 | RCR07G222KS | 81349 | 3-21 | A8A2E4R26 |
| RCR07G104KS | 81349 | 3-34 | A8A3A4R165 | RCR07G123KS | 81349 | 3-55 | A8A7E2R36 | RCR07G222KS | 81349 | 3-21 | A8A2E4R30 |
| RCR07G104KS | 81349 | 3-31 | A8A3A4R166 | RCR07G123KS | 81349 | 3-55 | A8A7E2R56 | RCR07G222KS | 81349 | 3-38 | A8A3E47R29 |
| RCR07G104KS | 81349 | 3-34 | A8A3A4R167 | RCR07G123KS | 81349 | 3-56 | A8A7TB1R128 | RCR07G222KS | 81349 | 3-38 | A8A3E47R32 |
| RCR07G104KS | 81349 | 3-34 | A8A3A4R169 | RCR07G151KS | 81349 | 3-56 | A8A7TB1R144 | RCR07G222KS | 81345 | 3-39 | A8A3E48R39 |
| RCR07G104KS | 81349 | 3-40 | A8A3R19 | RCR07G152KS | 81349 | 3-19 | A8A1E3R45 | RCR07G222KS | 81349 | 3-53 | A8A6A1R29 |
| RCR07G104KS | 81349 | 3-22 | A8A3TB1R2 | RCR07G152KS | 81349 | 3-20 | A8A1E2R17 | RCR07G222KS | 813149 | 3-52 | A8A6E1R36 |
| RCR07G104KS | 81349 | 3-23 | A8A3TB2R10 | RCR07G152KS | 81349 | 3-21 | A8A2E5R33 | RCR07G222KS | 81349 | 3-52 | A8A6E2R16 |
| RCR07G104KS | 81349 | 3-54 | A8A7E1R2 | RCR07G152KS | 81349 | 3-56 | A8ATB11R143 | RCR07G222KS | 81349 | 3-54 | A8A7E1R18 |
| RCR07G104KS | 81349 | 3-54 | A8A7E1R22 | RCR07G152KS | 81349 | 3-56 | A8ATTB1R144 | RCR07G222KS | 81349 | 3-54 | A8A7E1R11 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| RCR07G222KS | 81349 | 3-54 | A8A7E1R29 | RCR07G273KS | 81349 | 3-21 | A8A2E4R32 | RCR07G393KS | 81349 | 3-59 | A8A7E6R105 |
| RCR07G222KS | 81349 | 3-56 | A8A7TB1R123 | RCR07G273KS | 81349 | 3-21 | A8A2E5R34 | RCR07G393KS | 81349 | 3-59 | A8A7E6R106 |
| RCR07G223KS | 81349 | 3-18 | A8A1E2R18 | RCR07G273KS | 81349 | 3-37 | A8A3E46R121 | RCR07G393KS | 81349 | 3-59 | A8A7E6R107 |
| RCR07G223KS | 81349 | 3-18 | A8A1E2R26 | RCR07C273KS | 81349 | 3-37 | A8A3E46R126 | RCR07G393KS | 81349 | 3-59 | A8A7E6R108 |
| RCR07G223KS | 81349 | 3-19 | A8A1E3R48 | RCR07G273KS | 81349 | 3-37 | A8A3E46R131 | RCR07G393KS | 81349 | 3-59 | A8A7E6R109 |
| RCR07G223KS | 81349 | 3-19 | A8A1E3R74 | RCR07G273KS | 81349 | 3-40 | A8A3R18 | RCR07G393KS | 81349 | 3-59 | A8A7E6R110 |
| RCR07G223KS | 81349 | 3-37 | A8A3E46R122 | RCR07G273KS | 81349 | | A8A6R30 | RCR07G470KS | 81349 | 3-20 | A8A2E2R13 |
| RCR07G223KS | 81349 | 3-37 | A8A3E46R132 | RCR07G273KS | 81349 | | A8A6R45 | RCR07G470KS | 81349 | 3-56 | A8A7TB1R124 |
| RCR07G223KS | 81349 | 3-38 | A8A3E47R26 | RCR07G273KS | 81349 | | A8A6R46 | RCR07G471KS | 81349 | 3-39 | A8A3E48R58 |
| RCR07G223KS | 81349 | 3-38 | A8A3E47R27 | RCR07G273KS | 81349 | 3-59 | A8A7E6R114 | RCR07G471KS | 81349 | 3-56 | A8A7TB1R144 |
| RCR07G223KS | 81349 | 3-39 | A8A3E48R93 | RCR07G273KS | 81349 | 3-56 | A8A7TB1R148 | RCR07G472KS | 81349 | 3-18 | A8A1ER20 |
| RCR07G223KS | 81349 | | A8A6R30 | RCR07G274KS | 81349 | 3-55 | A8A7E2R49 | RCR07G472KS | 81349 | 3-20 | A5A2E2R14 |
| RCR07G223KS | 81349 | | A8A6R45 | RCR07G274KS | 81349 | 3-55 | A8A7E2R68 | RCR07G472KS | 81349 | 3-33 | A8A3A4R159 |
| RCR07G223KS | 81349 | | A8A6R46 | RCR07G331KS | 81349 | 3-37 | A8A3E46R134 | RCR07G472KS | 81349 | 3-38 | A8A3E47R142 |
| RCR07G223KS | 81349 | 3-54 | A8A7ER3 | RCR07G331KS | 81349 | 3-38 | A8A3E47R143 | RCR07G472KS | 81349 | 3-39 | A8A3E48R66 |
| RCR07G223KS | 81349 | 3-55 | A8A7E2R40 | RCR07G331KS | 81349 | 3-56 | A8A7TB1R144 | RCR07G472KS | 81349 | 3-53 | A8A6A1R26 |
| RCR07C223KS | 81349 | 3-55 | A8A8E2R60 | RCR07G332KS | 81349 | 3-19 | A8A1E3R51 | RCR07G472KS | 81349 | 3-53 | A8A6A1R27 |
| RCR07C223KS | 81349 | 3-59 | A8A7E6R112 | RCR07G332KS | 81349 | 3-20 | ARA2E2R14 | RCR07G472KS | 81349 | 3-52 | A8A6E1R34 |
| RCR07G223KS | 81349 | 3-56 | A8A7781R129 | RCR07G332KS | 81349 | 3-38 | A8A3E47R36 | RCR07G472KS | 81349 | 3-52 | A8A6E1R38 |
| RCR07G223KS | 81349 | | A8A7781R136 | RCR07G332KS | 81349 | 3-53 | A8A6A1R24 | RCR07G472KS | 81349 | 3-52 | A8A6E1R39 |
| RCR07G223KS | 81349 | 3-56 | A8A7781R137 | RCR07G332KS | 81349 | 3-53 | A8A6A1R33 | RCR07G472KS | 81349 | 3-52 | A8A6E1R40 |
| RCR07G270KS | 81349 | 3-38 | A8A3E47R24 | RCR07G332KS | 81349 | | A8A6R30 | RCR07G472KS | 81349 | 3-52 | A8A6E1R43 |
| RCR07G270KS | 81349 | 3-38 | A8A3E47R30 | RCR07G332KS | 81349 | | A8A6R45 | RCR07G472KS | 81349 | 3-52 | A8A6E2R12 |
| RCR07G272KS | 81349 | 3-19 | A8A1E3R63 | RCR07G332KS | 81349 | | A8A6R46 | RCR07G772KS | 81149 | | A8A6R30 |
| RCR07G272KS | 81349 | 3-20 | A8A2E2R14 | RCR07G333KS | 81349 | 3-38 | A8A3E47R140 | RCR07G472KS | 81349 | | A8A6R45 |
| RCR07G272KS | 81349 | 3-21 | A8A2E14R25 | RCR07G333KS | 81349 | 3-38 | A8A3E47R145 | RCR07G472KS | 81349 | | A8A6R46 |
| RCR07G272KS | 81349 | 3-34 | A8A3A4R168 | RCR07G333KS | 81349 | 3-39 | A8A3E48R62 | RCR07G472KS | 81349 | 3-54 | A8A7E1R25 |
| RCR07G272KS | 81349 | 3-34 | A8A3A4R170 | RCR07G333KS | 81349 | 3-39 | A8A3E48R68 | RCR07G472KS | 81349 | 3-54 | A8A7E1R28 |
| RCR07G272KS | 81349 | 3-39 | A8A3E48R67 | RCR07G333KS | d1349 | 3-39 | A8A3E48R72 | RCR07G472KS | 81349 | 3-54 | A8A7E1R6 |
| RCR07G272KS | 81349 | 3-53 | A8A6A1R25 | RCR07G333KS | 81349 | 3-59 | A8A7E6R115 | RCR07G472KS | 81349 | 3-54 | A8A7E1R9 |
| RCR07G272KS | 81349 | 3-53 | A8A6R30 | RCR07G390KS | 81349 | 3-21 | A8A2E5R40 | RCR07G472KS | 81349 | 3-55 | A8A7E2R46 |
| RCR07G272KS | 81349 | | A8A6R45 | RCR07G392KS | 81349 | 3-20 | A8A2E2R14 | RCR07G472KS | 81349 | 3-55 | A8A7E2R65 |
| RCR07G272KS | 81349 | | A8A6R46 | RCR07G392KS | 81349 | | A8A6R30 | RCR07G472KS | 81349 | 3-57 | A8A7E4R90 |
| RCR07G272KS | 81349 | 3-54 | A8A7E1R17 | RCR07G392KS | 81349 | | A8A6R45 | RCR07G472KS | 81349 | 3-57 | A8A7E4R99 |
| RCR07G272KS | 81349 | 3-59 | A8A7E6R16 | RCR07G392KS | 81349 | | A8A6R46 | RCR07G472KS | 81349 | 3-56 | A8A7TB1R119 |
| RCR07G272KS | 81349 | 3-56 | A8A781R134 | RCR07G392KS | 81349 | 3-57 | A8A7E4R101 | RCR07G472KS | 81349 | 3-56 | A8A7TB1R130 |
| RCR07G273KS | 81349 | 3-19 | A8A1E3R59 | RCR07G392KS | 81349 | 3-57 | A8A7E4R95 | RCR07G473KS | 81349 | 3-20 | A8A2E2R19 |
| RCR07G273KS | 81349 | 3-19 | A8A1E3R73 | RCR07G392KS | 81349 | 3-56 | A8A7TB1R141 | RCR07G473KS | 81349 | 3-39 | A8A3E48R61 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| RCR07G473KS | 81349 | 3-39 | A8A3E48R71 | RCR07G681KS | 81349 | 3-56 | A8A7TB1R142 | RCR20G103KS | 81349 | 3-66 | A8A4A1R103 |
| RCR07G473KS | 81349 | 3-54 | A8A7E1R16 | RCR07G681KS | 81349 | 3-56 | AA77TB1R144 | RCR20G150KS | 81349 | 3-16 | A8A1R81 |
| RCR07G473KS | 81349 | 3-54 | A8A7E1R27 | RCR07G682KS | 81349 | 3-20 | A8A2E2R14 | RCR20G273KS | 81349 | 3-66 | A8A4A1R119 |
| RCR07G473KS | 81349 | 3-55 | A8A7E2R35 | RCR70G682KS | 81349 | 3-38 | A8A3E47R39 | RCR20G334KS | 81349 | 3-45 | A8A5R12 |
| RCR07G473KS | 81349 | 3-55 | A8A7E2R55 | RCR07G682KS | 81349 | 3-39 | A8A3E48R64 | RCR20G470KS | 81349 | 3-18 | A8A1E2R2 |
| RCR07G474KS | 81349 | 3-19 | AA1E3R775 | RCR07G682KS | 81349 | 3-39 | A8A3E48R70 | RCR20G471KS | 81349 | | A8A4A7A1R129 |
| RCR07G474KS | 81349 | 3-39 | A8A3E48R78 | RCR07G682KS | 81349 | | A8A6R30 | RCR20G472KS | 81349 | | A8A4A15R16 |
| RCR07G874KS | 81349 | 3-39 | A8A3E48R79 | RCR07G682KS | 81349 | | A8A6R45 | RCR20G473KS | 81349 | 3-20 | A8A2E2R18 |
| RCR07G474KS | 81349 | 3-39 | A8A3E48R80 | RCR07G682KS | 81349 | | A8A6R46 | RCR20G473KS | 81349 | 3-45 | A8A5R14 |
| RCR07G474KS | 81349 | 3-39 | A8A3E48R81 | RCR77G683KS | 81349 | 3-21 | A8A2E4R28 | RCR20G474JS | 81349 | 3-48 | A8A8E2R2 |
| RCR07G474KS | 81349 | 3-52 | A8A6E2R5 | RCR07G683KS | 81349 | 3-21 | A8A2E5R35 | RCR20G474JS | 81349 | 3-48 | A8A8E2R5 |
| RCR07G474KS | 81349 | 3-52 | A8A6E2R6 | RCR07G683KS | 81349 | 3-39 | A8A3E48R65 | RCR32G101KS | 81349 | 3-40 | A8A3R20 |
| RCR07G474KS | 81349 | 3-54 | A8A7E1R1 | RCR07G683KS | 81349 | 3-54 | A8A7E1R24 | RCR32G104KS | 81349 | | A8A4A7R107 |
| RCR07G474KS | 81349 | 3-54 | A8A7E1R21 | RCR07G683KS | 81349 | 3-54 | A8A7E1R5 | RCR32G104KS | 81349 | 3-48 | A8A8E2R17 |
| RCR07G560KS | 81349 | 3-39 | A8A3E48R190 | RCR07G683KS | 81349 | 3-59 | A8A7E6R111 | RCR32G123KS | 81349 | 3-48 | AA8E2R1 |
| RCR07G561KS | 81349 | 3-21 | A8A2E3R36 | RCR07G683KS | 81349 | 3-56 | A8A7TB1R121 | RCR32G125KS | 81349 | 3-66 | A8A4A1R115 |
| RCR07G561KS | 81349 | 3-21 | A8A2E3R37 | RCR07G683KS | 81349 | 3-56 | A8A7TB1R122 | RCR32G150KS | 81349 | 3-16 | A8A1R84 |
| RCR07G561KS | 81349 | 3-38 | A8A3E47R139 | RCR07G820KS | 81349 | 3-54 | A8A7TB1R144 | RCR32G152KS | 81349 | 3-16 | A8A1R79 |
| RCR07G561KS | 81349 | 3-38 | A8A3E47R144 | RCR07G821KS | 81349 | 3-38 | A8A3E47R42 | RCR32G153KS | 81349 | | A8A4R24 |
| RCR07G561KS | 81349 | 3-38 | A8A3E47R28 | RCR07G821KS | 81349 | 3-56 | A8A7781R144 | RCR32G153KS | 81349 | | A8A4R25 |
| RCR07G561KS | 81349 | 3-38 | A8A3E47R37 | RCR07G822KS | 81349 | 3-20 | A8A2E2R14 | RCR32G222KS | 81349 | 3-66 | A8A4A1R116 |
| RCR07G561KS | 81349 | 3-38 | A8A3E47R54 | RCR07G822KS | 81349 | 3-37 | A8A3E46R127 | RCR32G224KS | 81349 | 3-48 | A8A8E2R16 |
| RCR07G561KS | 81349 | 3-52 | A8A6E2R13 | RCR07G822KS | 81349 | 3-38 | A8A3E47R40 | RCR320331KS | 81349 | | A8A4R9 |
| RCR07G561KS | 81349 | 3-57 | A8A7E4R102 | RCR07G822KS | 81349 | 3-38 | A8A3E47R45 | RCR32G335KS | 81349 | 3-64 | A8A4R112 |
| RCR07G561KS | 81349 | 3-57 | A8A7E4R92 | RCR07G822KS | 8134Q | 3-38 | A8A3E47R49 | RCR32G335KS | 81349 | 3-64 | A8A4R113 |
| RCR07G562KS | 81349 | 3-20 | A8A2E2R14 | RCR07G822KS | 8134Q | 3-39 | A8A3E48R63 | RCR32G335KS | 81349 | 3-64 | A8A4R114 |
| RCR07G562KS | 81349 | 3-21 | A8A2E3R38 | RCR07G822KS | 81349 | 3-39 | A8A3E48R69 | RCR32G471KS | 81349 | | A8A4R120 |
| RCR07G562KS | 83349 | 3-21 | A8A2E4R29 | RCR07G828KS | 81349 | 3-39 | A8A3E48R87 | RCR320473KS | 81349 | 3-66 | A8A4A1R104 |
| RCR07G562KS | 81349 | 3-33 | A8A3A4R160 | RCR07G822KS | 81349 | | A8A6R30 | RCR32G561KS | 81349 | | A8A4R125 |
| RCR07G562KS | 81349 | | A8A6R30 | RCR07G822KS | 8134Q | | A8A6R45 | RCR32G684KS | 81349 | 3-48 | A8A8E2R15 |
| RCR07G562KS | 81349 | | A8A6R45 | RCR07G822KS | 81349 | | A8A6R46 | RC05GF332K | 81349 | 3-31 | A8A3A4A1R175 |
| RCR07G562KS | 81349 | | A8A6R46 | RCR07G822KS | 81349 | 3-57 | A8A7E4R100 | RC05GF332K | 81349 | 3-31 | A8A3A4A1R176 |
| RCR07G562KS | 81349 | 3-57 | A8A7E4R91 | RCR07G822KS | 81349 | 3-56 | A8A7TB1R140 | RC0SGF332K | 81349 | 3-31 | A8A3A4A1R177 |
| RCR07G562KS | 81149 | 3-57 | A8A7E4R96 | RCR07G82SKS | 81349 | 3-57 | A8A7E4R89 | RC05GF392K | 81349 | 3-31 | A8A3A4A1P178 |
| RCR07G562KS | 81349 | 3-56 | A8A7TB1R151 | RCRP7G825KS | 81349 | 3-57 | A8A7E4R94 | RC05GF562K | 81349 | 3-31 | A8A3A4A1R174 |
| RCR07G680KS | 81349 | 3-22 | A8A3TB1R3 | RCR07G825KS | 81349 | 3-57 | A8A7E4R98 | RC05GF822K | 81349 | 3-32 | A8A3A4A2R172 |
| RCR07G680KS | 81349 | 3-56 | A8A7TB1R135 | RCR20G102KS | 81349 | | A8A4A7R118 | RC42GF100K | 81349 | 3-16 | A8A1R82 |
| RCR07G681KS | 81349 | 3-21 | A8A2R45 | RCR20G103KS | 81349 | 3-66 | A8A4A1R102 | RC42GF101K | 81349 | 3-66 | A8A4A1R108 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| RC20GF101K | 81349 | 3-45 | A8A5R9 | R160D1101F | 81349 | 3-33 | A8A3A4R156 | RN60D3830F | 81349 | 3-52 | A8A6E2R18 |
| RC42GF104K | 81349 | | A8A4A7R105 | RN60D1102F | 81349 | 3-19 | A8A183R57 | RN60D42R2F | 81349 | 3-20 | A8A2E1R7 |
| RC42GF104K | 81349 | | A8A4A7R106 | RN60D1211F | 81349 | 3-67 | A8A4R127 | RN60D42R2F | 81349 | 3-20 | A8A2E1R8 |
| RC42GF104K | 81349 | | A8A4A7R128 | RN60D1211F | 81349 | 3-55 | AA77E2R34 | RN60D4220F | 81349 | 3-51 | AA85781R21 |
| RC42GF104K | 81349 | 3-45 | A8A5R10 | RN60D1211F | 81349 | 3-55 | A8A7E2R53 | RN60D4220F | 81349 | 3-51 | A8A8781R23 |
| RC42GF105K | 81349 | 3-45 | A8A5R6 | RN60D1212F | 81349 | 3-34 | A8A3A4R163 | RN60D4220F | 81349 | 3-52 | A8A6E2R18 |
| RC42GF105K | 81349 | 3-45 | A8A5R71 | RN60D1332F | 81349 | 3-33 | A8A3A4R158 | RN60D4221F | 81349 | 3-19 | A8A1E3R66 |
| RC42GF123K | 81349 | 3-41 | A8A3R182 | RN60D1332F | 81349 | 3-33 | A8A3A4R180 | RN60D46R4F | 81349 | 3-18 | A8A1E2R32 |
| RC42GF123K | 81349 | 3-41 | A8A3R82 | RN60D1470F | 81349 | 3-20 | AA2E1R1 | RN60D4640F | 81349 | 3-51 | A8A5781R19 |
| RC42GF181K | 81349 | | A8A4R6 | RN160D471F | 81349 | 3-18 | A8A1E2R22 | D160D4640F | 81349 | 3-52 | A8A6E2R18 |
| RC42GF331K | 81349 | | A8A4R10 | RN60D1622F | 81349 | 3-19 | AA11E3R60 | RN60D4641F | 81349 | 3-55 | A8A7E2R37 |
| RC42GF562K | 81349 | | A8A4786R5 | RN60D1782F | 81349 | 3-17 | A8A1E1R37 | RN60D4641F | 81349 | 3-55 | 8A7E2R577 |
| RC42GF681K | 81349 | 3-17 | A8A1E1R3 | RN60D1960F | 81349 | 3-38 | A8A3E47R33 | RN60D4642F | 81349 | 3-54 | A8A7E1R10 |
| RE70G4751 | 81349 | 3-67 | AR84R8 | RN60D1960F | 81349 | 3-38 | A8A3E47R38 | RN60D51R1F | 81349 | 3-19 | A8A1E3R65 |
| RG178BU | 80058 | | A8A3A2W1 | RN60D1961F | 81349 | 3-18 | AA1E2R17 | RN60D5110F | 81349 | 3-52 | A8A6E2R18 |
| RN60C5110F | 81349 | 3-20 | A8A2E1R4 | RN60D1961F | 81349 | 3-18 | A8A1E2R25 | RN60D5111F | 81349 | 3-17 | A8A1E1R43 |
| RN60C5110F | 81349 | 3-20 | A8A2E1R6 | RN60D1961F | 81349 | 3-18 | A8A1E2R31 | RN60D5111F | 81349 | 3-18 | A8A1E2R16 |
| RN60D1000F | 81349 | 3-56 | A8A7781R125 | RN60D1962F | 81349 | 3-67 | A8A4R126 | RN60D5111F | 81349 | 3-19 | A8A1E3R61 |
| RN60D1000F | 81349 | 3-56 | A8A7781R126 | RN60D1962F | 81349 | 3-56 | AA77781R150 | RN60D5111F | 81349 | 3-19 | A8A1E3R62 |
| RN60D1000F | 81349 | 3-56 | A8A7781R132 | RN60D2151F | 81349 | 3-17 | A8A1E1R36 | RN60D5111F | 81349 | 3-55 | A8A7E2R32 |
| RN60D1000F | 81349 | 3-56 | A8A7781R133 | RN60D2151F | 81349 | 3-18 | A8A1E2R111 | RN6GDD11F | 81349 | 3-55 | A8A7E2R51 |
| RN60D1001F | 81349 | 3-18 | A8A1E2R10 | RN60D2151F | 81349 | 3-51 | A8A5781R20 | RN60D5620F | 81349 | 3-52 | A8A6E2R18 |
| RN60D1001F | 81349 | 3-18 | A8A1E2R14 | RN60D2152F | 81349 | 3-52 | A8A6E2R9 | RN60D6191F | 81349 | 3-18 | A8A1E2R29 |
| RN60D1001F | 81349 | 3-18 | A8A1E2R23 | RN60D2372F | 81349 | 3-177 | A8A1E1R35 | RN60D6813F | 81349 | | A8A4786R23 |
| RN60D1001F | 61349 | 3-18 | A8A1E2824 | RN60D26R1F | 81349 | 3-52 | A8A6E1R44 | RN60D6813F | 81349 | 3-52 | A8A6E2R4 |
| RN60D1001F | 81349 | 3-18 | A8A1E2R9 | RN60D2611F | 81349 | 3-18 | A8A1E2R30 | RN60D75R0F | 81349 | 3-39 | A8A3E48R146 |
| RN60D1001F | 81349 | 3-20 | A8A2E1R3 | RN60D2611F | 81349 | 3-18 | AA11E2R6 | RN60D75R0F | 81349 | 3-39 | A8A3E48R147 |
| RN60D1002F | 81349 | 3-18 | A8A1E2R12 | RN60D2611F | 81349 | 3-33 | A8A3A4R157 | RN60D7501F | 81349 | 3-20 | A8A2E1R2 |
| RN60D1002F | 81349 | 3-18 | A8A1E2R21 | RN60D3160F | 81349 | 3-55 | A8A7E2R38 | RN60D7501F | 81349 | 3-34 | A6A3A4R164 |
| RN60D1002F | 81349 | 3-18 | A8A1E2R5 | RN60D3160F | 81349 | 3-55 | A8A7E2R58 | RN60D9093F | 81349 | 3-52 | A88A6E2R4 |
| RN60D1002F | 81349 | 3-18 | A8A1E2R8 | RN60D3162F | 81349 | 3-55 | AA7A7E2R47 | RN60D1001F | 81349 | 3-18 | A8A1E2R33 |
| RN60D1002F | 81349 | 3-19 | A8A1E3R56 | RN60D3162F | 81349 | 3-55 | A8A772R66 | RN65D1002F | 81349 | 3-20 | A8A2E1R41 |
| RN60D1002F | 81349 | 3-52 | A8A6E2R7 | R160D3480F | 81349 | 3-55 | A8A7E2R42 | RN65D1474F | 81349 | 3-52 | A8A6E2R4 |
| RN60D1002F | 81349 | 3-52 | A8A6E2R8 | RN60D3480F | 81349 | 3-55 | A8A7E2R62 | RN65D1964F | 81349 | 3-52 | A8A6E2R4 |
| RN60D1002F | 81349 | 3-55 | A8A7E2R44 | RN60D3480F | 81349 | 3-56 | A8A7781R149 | RTMT12M | 91663 | | A8A3E10 |
| RN60D1002F | 81349 | 3-55 | A8A7E2R48 | RN60D3481F | 81349 | 3-18 | A8A1E2R15 | RTMT12M | 91663 | | A8A4E7 |
| RN60D1002F | 81349 | 3-55 | A8A7E2R64 | RN60D3481F | 81349 | 3-55 | A8A7E2R33 | RTMT12M | 91663 | | A8A4E8 |
| RN60D1002F | 81349 | 3-55 | A8A7E2R67 | RN60D3481F | 81349 | 3-55 | A8A7E2R54 | RTMT12M | 91663 | | A8A5E10 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| R7M712M | 91663 | 3-45 | A8A5E11 | S289-3497-000 | 94148 | 3-60 | A8A77E77A2Y8 | 71566 | 98291 | | A8A1E3E3 |
| R7M712M | 91663 | | A8A8E7 | S289-3498-000 | 94148 | 3-60 | A8A7E7A2Y9 | 71566 | 98291 | | A8A1E3E4 |
| R7M712M | 91663 | 3-45 | A8A8E8 | S289-3499-0000 | 94148 | 3-60 | A5A7E7A2Y10 | 72150 | 99707 | 3-65 | A8A4S102 |
| R7Mr12M | 91663 | | A8A5E9 | S289-3500-000 | 94148 | 3-60 | A8A7E7A2Y11 | 73A361R | 98978 | 3-22 | A5A3TB1E2 |
| R7M712M | 91663 | | A8A7E9 | S289-3501-000 | 94148 | 3-60 | A8A7E7A2Y12 | 73A361R | 98978 | 3-23 | A8A3TB2E2 |
| R7M716M | 91663 | | A8A4E150 | S289-3502-000 | 94148 | 3-60 | A8A7E7A2y13 | 73103 | 81640 | | A8A4S2 |
| R7M716M | 91663 | | A8A4E151 | S289-3503-000 | 94148 | 3-60 | A8A7E7A2Y14 | U239PRC47 | 80058 | 1-7 | A3 |
| R7M716M | 91663 | | A8A4E152 | S289-3504-000 | 94148 | 3-60 | A8A7E7A2Y15 | VC10GWY | 73899 | 3-60 | A8A7E7A2C113 |
| R7M716M | 91663 | | A8A4E153 | S289-3505-000 | 94148 | 3-60 | A8A7E7A2Y16 | VC10GWY | 73899 | 3-60 | A8A7E7A2C115 |
| R7M716M | 91663 | | A8A4E154 | S289-3506-000 | 94148 | 3-60 | A8A7E7A2Y17 | VC10GWY | 73899 | 3-60 | A8A7E7A2C117 |
| R7M716M | 91663 | | A8A4E160 | S289-3507-000 | 94148 | 3-60 | A8A7E7A2Y18 | VC10GWY | 73899 | 3-60 | A8A7E7A2C119 |
| R7M716M | 91663 | | A8A4E167 | S289-3508-000 | 94148 | 3-60 | A8A7E7A2Y19 | VC10GWY | 73899 | 3-60 | A8A7E7A2C121 |
| R7M716M | 91663 | | A8A4E168 | S289-3509-000 | 94148 | 3-60 | A8A7E7A2Y20 | VC10GWY | 73899 | 3-60 | A8A7E7A2C123 |
| RT761PRC47 | 80058 | 3-4 | A8 | S6316FR8N3P15102 | 40920 | | A8A3P3 | VC10GWY | 73899 | 3-60 | A8A7E7A2C125 |
| RW67V471 | 81349 | 3-67 | A8A4781R3 | S6316FRHN3P15102 | 40920 | | A8A3MP4 | VC10GWY | 73899 | 3-60 | A8A7E7A2C127 |
| RW67V171 | 81349 | 3-67 | A8A4781R4 | S6316F1NH3P15102 | 40920 | | A8A4A6MP10 | VC10GWY | 73899 | 3-60 | A8A7E7A2C129 |
| RW69V221 | 81349 | 3-45 | A8A8R24 | S6316FR1H3P15102 | 40920 | | A8A4A6MP2 | VC10GWY | 73899 | 3-60 | A8A7E7A2C131 |
| RW69V471 | 81349 | 3-45 | A8A8R11 | S6316FRFH3P15102 | 40920 | | A8A4A6MP3 | VC10GWY | 73899 | 3-60 | A8A7E7A2C133 |
| RW69V6R8 | 81349 | 3-67 | A8A4781R1 | S6316FRNN3P15102 | 40920 | | A8AA6MP4 | VC10GWY | 73899 | 3-60 | A8A7E7A2C135 |
| RW69V6R8 | 81349 | 3-67 | A8A4781R2 | S6316FRMH3P15102 | 40920 | | A8A4A6MP5 | VC10GWY | 73899 | 3-60 | A8A7E7A2C137 |
| R1412NSC41 7-32INDIA | 08076 | | A8A9MP1 | S6316FRMH3P15102 | 40920 | | A8A4A6MP6 | VC10GWY | 73899 | 3-60 | A8A7E7A2C139 |
| SA91 | 07886 | | A8A4A116MP1 | S6316FRMH3P15102 | 10920 | | A8A4A6MP7 | VC10GWY | 73899 | 3-60 | A8A7E7A2C141 |
| SC883314-2A | 98003 | | A2A1MP1 | S6316FRMH3P15102 | 40920 | | A8A4A6MP8 | VC100WY | 73899 | 3-60 | A8A7E7A2C143 |
| SC883314-2A | 98003 | | A2A2MP1 | S6316FRMH3P15102 | 40920 | | A8A4A6MP9 | VC10GWY | 73899 | 3-60 | A8A7E7A2C145 |
| SC156Y | 73899 | 3-20 | A5A2E1C35 | TC50-83 | 09052 | 3-33 | A8A3A4C338 | VC10GWY | 73899 | 3-60 | A8A7E7A2C147 |
| SD81K03154M | 53021 | 3-48 | A8A8E2C2 | TF300 | 98291 | | A8A4E1 | VC10GWY | 73899 | 3-60 | A8A7E7A2C149 |
| 5M0287 | 96214 | 3-55 | A8A7E2Q11 | TF300 | 98291 | | A8A4E2 | VC10GWY | 73899 | 3-60 | A8A7E7A2C151 |
| SM0287 | 96214 | 3-55 | AA7E2Q113 | TF300 | 98291 | | A8A4E3 | VC22GY | 73899 | 3-41 | A8A3C344 |
| SR166 | 73138 | | A8A4A3MP1 | TF300 | 98291 | | A8A4E4 | V499 | 01281 | 3-34 | A8A3A4CR10 |
| SR166 | 73138 | | A8A4A4MP1 | TF300 | 98291 | | A8A4E5 | V499 | 01281 | 3-34 | A8A3A4CR9 |
| SSM-1-77 | 86335 | 3-20 | A8A2E2C10 | TF300 | 98291 | | A8A4E6 | WAGC6347 | 79215 | | A6MP8 |
| S289-3490-000 | 94148 | 3-60 | A8A7E7A2Y1 | T1TM1-4 3900-5PC | 96214 | 3-17 | A8A1E1R83 | WAGC6347 | 79215 | | A6MP9 |
| S289-3491-000 | 94148 | 3-60 | A8A7E7A2Y2 | T55639 | 94145 | 3-55 | A8A7E2Q9 | X377-1 | 81815 | 3-20 | A8A2E2T2 |
| S289-3492-000 | 94148 | 3-60 | A8A7E7A2Y3 | T1566 | 98291 | | A8A1E2E2 | X418-1 | 81815 | 3-21 | A8A2EST3 |
| S289-3493-000 | 94148 | 3-60 | A8A7E7A2Y4 | T1566 | 98291 | | A8A1E2E3 | X419-1 | 81815 | 3-20 | A8A2E2L4 |
| 5289-3494-000 | 94148 | 3-60 | A8A7E7A2Y5 | T1566 | 98291 | | A8A1EFE4 | X419-1 | 81815 | 3-21 | A8A2E5L6 |
| 5289-3495-000 | 04148 | 3-60 | A8A7E7A2Y6 | T1566 | 98291 | | A8A1E2E5 | X419-1 | 81815 | 3-21 | A8A2ESL7 |
| 5289-3496-000 | 94148 | 3-60 | A8A7E7A2Y7 | T1566 | 98291 | | A8A1E3E2 | X8142 | 92054 | | A8A4L109E8 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | REF NO. | MFG CO. | | | FIG NO. | REF NO. | | | MFG CO. | FIG NO. | |
| X8242 | 92054 | | A8A4L111E8 | 1N3641 | 07688 | 3-46 | A58A8E1CR0 | 1N816 | 07688 | 3-17 | A8A1E1CR8 |
| YE1216F32 | 09922 | | A8A4E12 | 1N3641 | 07688 | 3-46 | A5A8E1CR11 | 1N816 | 07688 | 3-18 | A8A1E2CR1 |
| YE1216F32 | 09922 | | A8A4E13 | 1N3641 | 07688 | 3-46 | A8A5E1CR12 | N816 | 07688 | 3-18 | A8A1E2CR2 |
| YE1620F32 | 09922 | | AA4E010 | 1N3641 | 07688 | 3-46 | A5A8E1CR13 | 1N816 | 07688 | 3-18 | A8A1E2CR3 |
| YE1620F32 | 09922 | | A8A4E11 | 1N3641 | 07688 | 3-46 | A8A8E1CR14 | N816 | 07688 | 3-18 | A8A1E2CR4 |
| YE1620F32 | 09922 | | A8A4E9 | 1N3641 | 07688 | 3-46 | A5A8E1CR15 | 1N816 | 07688 | 3-18 | A8A1E2CR5 |
| YE1620F32 | 09922 | | A8A5E12 | 1N3641 | 07688 | 3-46 | A8A5E1CR16 | 1N816 | 07688 | 3-18 | A8A1E2CR6 |
| YE1620F32 | 09922 | | A8A8E13 | 1N3641 | 07688 | 3-46 | A8A8E1CR17 | 1N816 | 07688 | 3-19 | A5A1E3CR10 |
| YE1620F32 | 09922 | | A8A8E14 | 1N3641 | 07688 | 3-46 | A8A8E1CR18 | 1N821A | 07688 | 3-52 | A8A6E2CR1 |
| YE1620F32 | 09922 | | A8A8E15 | 1N3641 | 07688 | 3-46 | A8A5E1CR99 | 1N821A | 07688 | 3-52 | A8A6E2CR2 |
| YE1620F32 | 09922 | | A8A8E16 | 1N3641 | 07688 | 3-46 | A8A5E1CR20 | 1N916 | 07688 | 3-20 | A8A2CR9 |
| 0-1032PRC47 | 80058 | 3-4 | A8A6 | 1N3641 | 07688 | 3-46 | A8A5E1CR21 | 1N916 | 07688 | 3-39 | A8A3E48CR2 |
| 0167-3 | 94375 | | A8A4E54 | 1N3641 | 07688 | 3-46 | A8A5E1CR22 | 1N916 | 07688 | 3-54 | A8A741CR1 |
| 021-0187-00 | 98376 | 1-4 | A1MP1 | 1N3641 | 07688 | 3-46 | A8A5E1CR23 | 1N916 | 07688 | 3-55 | AA77E2CR3 |
| 021-0189-000 | 13499 | | A6A3YP3 | 1N3641 | 07688 | 3-46 | A8A5E1CR24 | 199116 | 07688 | 3-55 | A8A7E2CR4 |
| 021-0191-00 | 24036 | | MP5 | 1N3641 | 07688 | 3-46 | A5A5E1CR25 | 1N916 | 07688 | 3-59 | A8A7E6CR7 |
| 021-0192-000 | 24036 | 1-3 | A6MP1 | 1D3641 | 07688 | 3-46 | A8A5E1CR6 | 1N916 | 07688 | 3-59 | A8A7E6CR8 |
| 021-0192-000 | 24036 | 1-3 | A6MP2 | 1N3641 | 07688 | 3-46 | A8A5E1CR7 | 1N916 | 07688 | 3-56 | A8A7711CR15 |
| 021-0192-000 | 24036 | 1-3 | A6MP3 | 1N3641 | 07688 | 3-46 | A8A5E1CR8 | 15911 | 07688 | 3-56 | A8A7781CR9 |
| 021-0192-000 | 24036 | 1-3 | A6MP4 | 1N3641 | 07688 | 3-46 | A8A8E1CR9 | 10-243964-143 | 77820 | | A2MP3 |
| 021-0194-000 | 74284 | | A8MP2 | 1N3641 | 07688 | 3-49 | A8A8E3CR1 | 105-731-100 | 74970 | 3-17 | A8A1E1J9 |
| 021-0195-000 | 74284 | | A8A8MP1 | 1N3641 | 07688 | 3-49 | A8A8E3CR2 | 105-732-100 | 74970 | 3-17 | A8A1E1J12 |
| 054-0368-000 | 13499 | | A8A4FL2MP1 | 1N3641 | 07688 | 3-49 | A8A8E3CR26 | 105-732-100 | 74970 | 3-18 | A8A1E2J2 |
| 11N011365T1 | 76786 | | A6A4AMP1 | 1N3641 | 07688 | 3-49 | A8A8E3CR27 | 105-733-100 | 74970 | 3-17 | A8A1E1J10 |
| 11N01136ST1 | 76786 | | A6A44MP2 | 1N3641 | 07688 | 3-49 | A8A8E3CR28 | 105-734-100 | 74970 | 3-18 | A8A1E2J5 |
| 1N198 | 07688 | 3-21 | A8A2E3CR7 | 1N3641 | 07688 | 3-49 | A8A8E3CR29 | 105-734-100 | 74970 | 3-19 | A8A1E3J15 |
| 1N198 | 07688 | 3-21 | A8A2E3CR6 | 1N3641 | 07688 | 3-49 | A8A8E3CR3 | 105-734-100 | 74970 | 3-38 | A8A3E47J5 |
| 1N198 | 07688 | 3-39 | A8A3E48CR3 | 1N3641 | 07688 | 3-49 | A8A53CR4 | 105-734-100 | 74970 | 3-55 | A8A7E2J5 |
| 1N198 | 07688 | 3-39 | A8A3E48CR8 | 1N457 | 07688 | 3-17 | A8A1E1CR18 | 105-736-100 | 74970 | 3-18 | A8A1E2J3 |
| 1N198 | 07688 | 3-56 | A5A7781CR12 | 1N457 | 07688 | 3-17 | A8A1E1CR9 | 105-736-100 | 74970 | 3-19 | A8A1E3J13 |
| 1N198 | 07688 | 3-56 | A8A7781CR13 | 1N457 | 07688 | 3-19 | A5A1E3CR11 | 105-737-100 | 74970 | 3-18 | A8A1E2J4 |
| 1N2611 | 07688 | | A8A4786CR1 | 1N457 | 07688 | 3-19 | A8A1E3CR12 | 105-737-100 | 74970 | 3-19 | A8A1E3J14 |
| 1N2611 | 07688 | | A8A4786CR2 | 1N457 | 07688 | 3-19 | A8A1E3CR13 | 105-738-100 | 74970 | 3-17 | A5A1E1J11 |
| 1N3036A | 07688 | 3-41 | A8A3CR7 | 1N47958 | 01281 | 3-52 | A8A6E2C12 | 105-738-100 | 74970 | 3-18 | A8A1E2J1 |
| 1N3639 | 07688 | | A8A4A15CR3 | 1N645 | 07688 | 3-38 | A8A3E47CR5 | 105-738-100 | 74970 | 3-59 | A8A7E6J1 |
| 1N3639 | 07688 | | A8A4A15CR4 | 1N645 | 07688 | 3-38 | A8A3E47CR6 | 105-740-100 | 74970 | 3-18 | A8A1E2J6 |
| 1N3639 | 07688 | | AA4AA15CR5 | 1N757 | 07688 | 3-51 | A8A5781CR31 | 105-740-100 | 77970 | 3-19 | 48A1E316 |
| 1N3639 | 07688 | | A8A4A15CR6 | 1N816 | 07688 | 3-17 | A8A1E1CR7 | 105-740-100 | 74970 | 3-38 | A8A3E47J6 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| 105-740-100 | 74970 | 3-55 | A8A7E2J6 | 150D104X0035A2 | 56289 | 3-56 | A5A7781C178 | 150D476X0006B2 | 56289 | 3-18 | A8A1E2C3 |
| 105-743-100 | 74970 | 3-17 | A8A1E1J8 | 150D104X0035A2 | 56289 | 3-56 | A8A7781C179 | 150D476X0006B2 | 56289 | 3-18 | A8A1E2C4 |
| 106-331-4 | 99378 | | A8A4MP37 | 150D108X0035A2 | 56289 | 3-56 | A8A7781C180 | 150D476X0006B2 | 56289 | 3-19 | A8A11E3C35 |
| 10747J | 82872 | | W4 | 150D105X0035A2 | 56289 | 3-53 | A8A6A1C36 | 150D476X0020R2 | 56289 | 3-18 | A8A1E2C10 |
| 108 | 83330 | | A7A1E1P1 | 150D105X0035A2 | 56289 | 3-53 | A8A6A1C39 | 150D476X0020R2 | 56289 | 3-18 | A5A1E2C11 |
| 108 | 83330 | | A7A2E1P1 | 150D105X0035A2 | 56289 | 3-52 | A8A6E1C37 | 150D476X0020R2 | 56289 | 3-18 | A8A1E2C11 |
| 110-6 | 86579 | | A8A4A6E3H3 | 150D105X0035A2 | 56289 | 3-52 | A8A6E1C38 | 150D476X0020R2 | 56289 | 3-18 | A8A1E2C14 |
| 110-6 | 86579 | | A8A4A6E4H3 | 150D105X0035A2 | 56289 | 3-56 | A8A7TB1C168 | 150D476X0020R2 | 56289 | 3-18 | A8A1E2C15 |
| 110-6 | 86579 | | A8A8H4 | 150D105X9035A2 | 56289 | 3-17 | A8A1E1C17 | 150D476X0020R2 | 56289 | 3-18 | A8A1E2C6 |
| 110-8 | 86579 | | A8A4A6MPH119 | 150D105X9035A2 | 56289 | 3-19 | A8A1E3C28 | 150D476X0020R2 | 56289 | 3-18 | A8A1E2C7 |
| 110-8 | 86579 | | A5A4A6MP1H20 | 150D105X9035A2 | 56289 | 3-19 | A5A1E3C34 | 150D476X0020R2 | 56289 | 3-19 | A8A1E3C33 |
| 110-8 | 86579 | | A5A4A6MP1H21 | 150D105X9035A2 | 56289 | 3-21 | A5A2E4C23 | 150D476X0035S2 | 56289 | 3-16 | A8A1C44 |
| 110-8 | 86579 | | A8A4A6MP1H22 | 150D107X0020S2 | 56289 | 3-18 | A8A1E2C12 | 150D476X0035S2 | 56289 | 3-17 | A8A1E1C1 |
| 110-8 | 86579 | | A8A4A6MP1H23 | 150D107X0020S2 | 56289 | 3-18 | A8A1E2C8 | 150D476X0035S2 | 56289 | 3-17 | A8A1E1C22 |
| 110-8 | 86579 | | A8A4A6MP1H24 | 150D017X0020S2 | 56289 | 3-19 | A8A1E3C40 | 150D476X0035S2 | 56289 | 3-18 | A8A1E2C16 |
| 100-8 | 86579 | | A8A4A6MP46H5 | 150D154XC035A2 | 56289 | 3-34 | A8A3A4C31 | 150D564X9035A2 | 56289 | 3-17 | A8A1E1C26 |
| 110-8 | 86579 | | A8A4A6MP46H6 | 150D154XC035A2 | 56289 | 3-34 | A8A3A4C32 | 150D684X035A2 | 56289 | 3-17 | A8A1E1C26 |
| 110-8 | 86579 | | A8A4A6MP47H5 | 150D156X0020B2 | 56289 | 3-18 | A8A1E2C5 | 150D685X0035B2 | 56289 | 3-21 | A8A2E3C13 |
| 110-8 | 86579 | | A8A4A6MP47H6 | 150D156X0020B2 | 56289 | 3-19 | A8A1E3C30 | 164-28 | 02660 | | A3P1 |
| 117WA | 06980 | 3-65 | A8A4V101 | 150D156X0020B2 | 56289 | 3-19 | A8A1E3C31 | 164-7J | 02660 | | A8A4P2 |
| 119137K | 78947 | 3-18 | A8A1E2J7 | 150D156X002082 | 56289 | 3-19 | A8A1E3C42 | 164-7J | 02660 | | A5A4P3 |
| 1218-02 | 78189 | | A8A4C29H2 | 150D156X002082 | 56289 | 3-21 | A8A2E4C18 | 1700-03 | 78189 | | A8A3A3H2 |
| 1218-02 | 78189 | | A8A4C30H2 | 150D156X0035R2 | 56289 | 3-18 | A5A1E2C2 | 1714-05 | 78189 | | A8A4A7A1R117H2 |
| 122-248-202 | 74970 | | A8A4A1XV101 | 150D1697 | 56209 | 3-17 | A8A1E1C21 | 1804-00 | 78189 | | A8A4A2H2 |
| 1220-02 | 78189 | | A8A4MP13H2 | 150D1697 | 56289 | 3-17 | A8A1E1C25 | 1806-00 | 78189 | | A8A4A16E3H2 |
| 147 | 23675 | | A4A1E1 | 150D1697 | 56289 | 3-19 | A8A1E3C37 | 1806-00 | 78189 | | A8A4A16E4H2 |
| 150D104X0035A2 | 56289 | 3-21 | A1A2E3C25 | 150D1697 | 56289 | 3-19 | AA1E3C38 | 1806-00 | 78189 | | A8A4A16E5H2 |
| 150D101X0035A2 | 56289 | 3-21 | A8A2E4C19 | 150D1697 | 56289 | 3-19 | A8A1E3c41 | 1806-00 | 78189 | | A8A4A16E6H2 |
| 150D104X0035A2 | 56289 | 3-21 | A8A2E4C20 | 15CD226X0015B2 | 56289 | 3-18 | A8A1E2C9 | 1806-00 | 78189 | | A8A4A16E7H2 |
| 5050D10X0035A2 | 56289 | 3-39 | A8A3E48C175 | 150D334X9035A2 | 56289 | 3-11 | ANA1E1C26 | 1806-00 | 78189 | | A8A4A16E8H2 |
| 150D104X0035A2 | 56289 | 3-39 | A8A3E48C185 | 150D335X0035B2 | 56289 | 3-55 | A8A7E2C26 | 1806-00 | 78189 | | A8A4A16E9H2 |
| 150D104X0035A2 | 56289 | 3-54 | A8A7E1C13 | 150D336X0020R2 | 56289 | 3-19 | A8A1E3C32 | 1806-00 | 78189 | | ANA4C123H3 |
| 150D104X0035A2 | 56289 | 3-54 | A8A7E1C4 | 150D336X0020R2 | 56289 | 3-19 | A8A1E3C36 | 1806-00 | 78189 | | A8A4E35H3 |
| 150D010X0035A2 | 56289 | 3-54 | A8A7E1C9 | 150D336X9010B2 | 56289 | 3-17 | A8A1E1C23 | 1806-00 | 78189 | | A8A4E41H2 |
| 150D004X0035A2 | 56289 | 3-55 | A8A7E2C92 | 150D336X9010B2 | 56289 | 3-17 | A8A1E1C24 | 1806-00 | 78189 | | A5A4E42H2 |
| 150D104X0035A2 | 56289 | 3-55 | A8A7E2C93 | 150D394X9035A2 | 56289 | 3-17 | A8A1E1C26 | 1808-00 | 78189 | | A8A4E139H2 |
| 150D101X0035A2 | 56289 | 3-57 | A8A7E4C58 | 150D474X0035A2 | 56289 | 3-20 | A8A2C37 | 190-0255-000 | 13499 | | A8A41109E3 |
| 150D101X0035A2 | 56289 | 3-57 | A5A7E1C61 | 150D474X9035A2 | 56289 | 3-17 | A8A1E1C26 | 190-0255-000 | 13499 | | A8A41110E3 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| 190-0255-000 | 13499 | | A8A4L111E3 | 2N703 | 01688 | 3-39 | A8A3E48Q9 | 20C119 | 56289 | | A8A8E1C7 |
| 190-0255-000 | 13499 | | A8A41112E3 | 2N703 | 07688 | 3-53 | A8A6A1Q4 | 20C119 | 56289 | 3-47 | A8A5E1C8 |
| 192P1039R8 | 56289 | 3-52 | A8A6E1C30 | 2N703 | 07688 | 3-53 | A8A6A1Q5 | 20C119 | 56289 | 3-47 | ARA5E1C9 |
| 192P4729R8 | 56289 | 3-53 | A8A6A1C15 | 2N703 | 07688 | 3-53 | A8A6A1Q6 | 20C91A | 56289 | 3-39 | A8A3E48C179 |
| 192P4729R8 | 56289 | 3-53 | A8A6A1C16 | 2N703 | 07688 | 3-52 | A8A6E1Q7 | 20C91A | 56289 | 3-59 | A8A7E6C111 |
| 192P4739R8 | 56289 | 3-52 | ACA6E1C31 | 2N703 | 07688 | 3-52 | A8A6E1Q8 | 20C91A | 56289 | 3-57 | A8A7E6C96 |
| 2A1DB15 | 92825 | | A8A3E45 | 2N703 | 07688 | 3-52 | A8A6E1Q9 | 20C91A | 56289 | 3-59 | A8A7E6C98 |
| 2A1DB15 | 92825 | | A8A3E46 | 2N703 | 07688 | 3-52 | A8A6E2Q1 | 20C95 | 56289 | 3-66 | A8A4A1C101 |
| 2DHT55T209CAA | 71590 | 3-64 | A8A4A16C124 | 2N703 | 07688 | 3-52 | A8A6E1Q2 | 20C95 | 56289 | | A8A4A7C106 |
| 2N1038 | 07688 | 3-18 | A8A1E2Q4 | 2N703 | 07688 | 3-52 | A8A6E2Q3 | 2104-04-01-2520N | 78189 | | A8A3E30 |
| 2N1166 | 07688 | 3-67 | A8A1Q4 | 2N703 | 07688 | 3-54 | A8A7E1Q1 | 2104-04-01-2520N | 78189 | | A8A3E31 |
| 2N1166 | 07688 | 3-67 | A8A4Q2 | 2N703 | 07688 | 3-54 | A8A7E7Q2 | 2104-04-01-2520N | 78189 | | A8A3E32 |
| 2N1485 | 07688 | 3-51 | A8A5TB1Q3 | 2N703 | 07688 | 3-54 | A8A7E1Q3 | 3104-04-01-2520N | 78:89 | | A8A3E33 |
| 2N158AMATCHEDPR | 07688 | 3-16 | A8A1Q1 | 2N703 | 07688 | 3-54 | A8A7E1Q4 | 2104-04-01-2520N | 78189 | | A8A3E34 |
| 2N274 | 07688 | 3-21 | A8A2E3Q2 | 2N703 | 07688 | 3-54 | A8A7E1Q5 | 2104-04-01-2520N | 78189 | | A8A3E35 |
| 2N274 | 07688 | 3-21 | A8A2E4Q3 | 2N703 | 07688 | 3-54 | A8A7E1Q6 | 2104-04-01-2520N | 78189 | | A8A3E36 |
| 2N274 | 07688 | 3-21 | A8A2E4Q1 | 2N703 | 07688 | 3-54 | A8A7E1Q7 | 2104-04-01-2520N | 78189 | | A8A4E37 |
| 2N274 | 07688 | 3-21 | A8A2E5Q5 | 2N703 | 07688 | 3-57 | A8A7E1Q7 | 1104-04-01-2520N | 78189 | | A8A4838 |
| 2N404 | 07688 | 3-18 | A8A1E2Q1 | 2N703 | 07688 | 3-57 | A8A7E4Q18 | 2104-04-01-2520N | 78189 | | A8A4E39 |
| 2N440 | 07688 | 3-20 | A8A2E2Q1 | 2N703 | 07688 | 3-57 | A8A7E4Q19 | 2100-04-01-2520N | 78189 | | A8A4E40 |
| 2N697 | 07688 | 3-17 | A8A2E1Q7 | 2N703 | 07688 | 3-59 | A8A7E6Q20 | 2104-04-01-2520N | 78189 | | A8A5TB1E1 |
| 2N697 | 07688 | 3-51 | A8A5781Q1 | 2N703 | 07688 | 3-59 | A7A7E6Q21 | 2104-04-01-2520N | 78189 | | A8A5E6 |
| 2N697 | 07688 | 3-51 | A5A5781Q2 | 2N703 | 07688 | 3-59 | A8A7E6Q22 | 2104-06-02-2520N | 78189 | | A8A4A16E3 |
| 2N697 | 07688 | 3-59 | A8A7E6Q23 | 2N703 | 07688 | 3-56 | A8A7TB1Q24 | 2104-06-02-2520N | 78189 | | A8A4A1A6E4 |
| 2N703 | 07688 | 3-37 | A8A3E46Q16 | 2N703 | 07688 | 3-56 | A8A7TB1Q25 | 2104-06-02-2520N | 78189 | | AAP14A16E5 |
| 2N703 | 07688 | 3-37 | A8A3E46Q17 | 2N703 | 07688 | 3-56 | A8A7TB1Q26 | 2104-06-02-2520N | 78189 | | A8A4A16E6 |
| 2N703 | 07688 | 3-37 | A8A3E46Q18 | 2N703 | 07688 | 3-56 | A8A7TB1Q28 | 2104-06-02-2520N | 78189 | | A8A4A16E7 |
| 2N703 | 07688 | 3-37 | A8A3E46Q19 | 2N917 | 07688 | 3-33 | A8A3A4Q20 | 2104-06-02-2520N | 78189 | | A8A4A16E8 |
| 2N703 | 07688 | 3-38 | A8A3E47Q12 | 2N917 | 07688 | 3-33 | A8A3A4Q21 | 2104-06-02-2520N | 78189 | | A8A4A16E9 |
| 2N703 | 07688 | 3-38 | A8A3E47Q13 | 20C119 | 56289 | 3-47 | A8A5E1C10 | 2104-06-02-2520N | 78189 | | A8A4A6E6 |
| 2N703 | 07688 | 3-38 | A8A3E47Q2 | 20C119 | 56289 | 3-47 | A8A5E1C11 | 2104-06-02-2520N | 78189 | | A8A4E41 |
| 2N703 | 07688 | 3-38 | A8A3E47Q5 | 20C119 | 56289 | 3-47 | A8A5E1C12 | 2104-06-02-2520N | 78189 | | A8A4142 |
| 2N703 | 07688 | 3-38 | A8A3E47Q6 | 20C119 | 56289 | 3-47 | A8A5E1C13 | 2100-06-02-2520N | 78189 | | A8A4E43 |
| 2N703 | 07688 | 3-38 | A8A3E47Q7 | 20C119 | 56289 | 3-47 | A8A5E1C14 | 2104-06-02-2520N | 78189 | | A8A4E58 |
| 2N703 | 07688 | 3-38 | A8A3E47Q8 | 20C119 | 56289 | 3-47 | A8A5E1C3 | 2104-06-02-2520N | 78189 | | ArA4E59 |
| 2N703 | 07688 | 3-39 | A8A3E48Q10 | 20C119 | 56289 | 3-47 | A8A5E1C4 | 2110-0216CADPL | 25184 | | A8A8H2 |
| 2N703 | 07688 | 3-39 | A8A3E48Q14 | 20C119 | 56289 | 3-47 | A8A5E1C5 | 213923F1X | 76854 | | A8A4S1 |
| 2N703 | 07688 | 3-39 | A8A3E48Q15 | 20C119 | 56289 | 3-47 | A8A5E1C6 | 224L1-201 | 80294 | 3-39 | A8A3E48R150 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| 224L1-201 | 80294 | 3-11 | A8A5R22 | 2465-009W5T0102P | 72982 | | A8A4FL2C217 | 30 | 76545 | | A5E2 |
| 224L1-503 | 80294 | 3-39 | A8A3E48R148 | 2465-009W5T0102P | 72982 | | A8A4FL2C218 | 301-626C0H0409D | 72982 | 3-24 | A8A3A9A2C37 |
| 224L1-503 | 80294 | 3-11 | A8A5R3 | 2465-009W5T0102P | 72982 | | A8A4FL2C219 | 301-626C0H0409D | 72982 | 3-24 | A8A3A9A2C38 |
| 224L2-104 | 80294 | 3-11 | A8A5R4 | 2465-009W5T0102P | 72982 | | A8A4FL2C220 | 301-626C0H0509F | 72982 | 3-24 | A8A3A9A2C36 |
| 224P1-102 | 80294 | 3-19 | A8A1E3R54 | 2465-009W5T0102P | 72982 | | A8A4FL2C221 | 301-626C0H0609F | 72982 | 3-24 | A8A3A9A2C35 |
| 224P1-201 | 80294 | 3-20 | A8A2E1R5 | 2465-009W5T0102P | 72982 | | A8A4FL2C222 | 301-626C0H0709F | 72982 | 3-24 | A8A3A9A2C34 |
| 224P1-502 | 80294 | 3-17 | A8A1E1R40 | 2865-009W5T0102P | 72982 | | A8A4FL2C223 | 301-626C0H0909F | 72982 | 3-25 | A8A3A9A2C33 |
| 224P1-502 | 80294 | 3-18 | A8A1E2R27 | 2465-009W5T0102P | 72982 | | A8A4FL2C224 | 301-626C0H0309D | 72982 | 3-25 | A8A3A9A2C39 |
| 224P1-503 | 80294 | 3-19 | A8A1E3R46 | 2465-009W5T0102P | 72982 | | A8A4FL2C225 | 301-626C0H0309D | 72982 | 3-25 | A8A3A9A2C40 |
| 224P1-503 | 80294 | 3-19 | A8A2E3R52 | 2465-009W5T0102P | 72982 | | A8A4FL2C226 | 302-0016-000 | 13499 | | A8A4H13 |
| 224P1-503 | 80294 | 3-52 | A8A6E2R2 | 2465-009W5T0102P | 72982 | 3-61 | A8A7C181 | 302-0016-000 | 13499 | | A8A4H14 |
| 224P1-503 | 80294 | | A8A6E2R3 | 2465-009W5T0102P | 72982 | 3-61 | A8A7C182 | 302-0016-000 | 13499 | | A8A4H15 |
| 225251N2C | 76854 | | A8A4A7S103 | 2465-009W5T0102P | 72982 | 3-61 | A8A7C183 | 302-0016-000 | 13499 | | A8A4H16 |
| 232084FC | 76854 | 3-34 | A8A3A4S7 | 2465-009W5T0102P | 72982 | 3-61 | A8A7C184 | 302-0016-000 | 13499 | | A8A4H17 |
| 232085FC | 76854 | 3-33 | A8A3A4S10 | 2504-04-00-2220N | 78189 | | A8A4A16E2 | 302-0016-000 | 13499 | | A8A4H18 |
| 232668FC | 76854 | 3-33 | A8A3A4S6 | 2522-06-00-20 | 78189 | | A3E5 | 302-0020-000 | 74921 | | A3E1H4 |
| 240-199-000 | 13499 | 3-40 | A8A3L98 | 2522-06-00-20 | 78189 | | A3E6 | 302-0020-000 | 74921 | | A3E2H4 |
| 243200X5S0102M | 72982 | 3-67 | A8A4C29 | 2522-06-00-20 | 78189 | | A3E7 | 302-0020-000 | 74921 | | A3E3H4 |
| 243200X5S0102M | 72982 | 3-67 | A8A4C30 | 2522-06-00-20 | 78189 | | A3E8 | 302-0020-000 | 77492 | | A3E4H4 |
| 2465-008W5T0102P | 72982 | 3-41 | A8A3A2C350 | 28156 | 01121 | | A8A4R11 | 302-0023-000 | 05284 | | A8A4R22H4 |
| 2465-008W5T0102P | 72982 | 3-41 | A8A3A2C351 | 29F461 | 06001 | 3-20 | A8A2E1C6 | 302-0023-000 | 05284 | | A8A5R3H4 |
| 2465-008W5T0102P | 72982 | 3-41 | A8A3A2C352 | 29F461 | 06001 | 3-20 | A8A2E2C3 | 302-0023-000 | 05284 | | A8A5R4H4 |
| 2465-009W5T0102P | 72982 | | A8A4FL2C201 | 3L3F | 96881 | | A8A4A6MP11 | 302-0024-000 | 05284 | | A8A4A16MP10H1 |
| 2465-009W5T0102P | 72982 | | A8A4FL2C202 | 3L3F | 96881 | | A8A4A6MP12 | 302-0024-000 | 0528H | | A8A4A16MP10H2 |
| 2465-009W5T0102P | 72982 | | A8A4FL2C203 | 3L3F | 96881 | | A8A4A6MP13 | 302-0024-000 | 05284 | | A8A4A16MP11H1 |
| 2465-009W5T0102P | 72982 | | A8A4FL2C204 | 3L3F | 96881 | | A8A4A6MP14 | 302-0024-000 | 05284 | | A8A4A16MP11H2 |
| 2465-009W5T0102P | 72982 | | A8A4FL2C205 | 3L3F | 96881 | | A8A4A6MP15 | 302-0024-000 | 05284 | | A8A4A16MP5H1 |
| 2465-009W5T0102P | 72982 | | A8A4FL2C206 | 3L3F | 96881 | | A8A4A6MP16 | 302-0024-000 | 05284 | | A8A4A16MA6H1 |
| 2465-009W5T0102P | 72982 | | A8A4PL2C207 | 3L3F | 96881 | | A8A4A6MP17 | 302-0024-000 | 05284 | | A8A4A16MP8H2 |
| 2465-009W5T0102P | 77982 | | A8A4FL2C208 | 3L3F | 96881 | | A8A7MP3 | 302-0024-000 | 05284 | | A8A4A16MP9H2 |
| 2465-009W5T0102P | 72982 | | A8A4FL2C209 | 3SAC1025 | 01526 | 3-65 | A8A4K102 | 302-0024-000 | 05284 | | A8A5TB1Q3H7 |
| 2465-009W5T0102P | 72982 | | A8A4FL2C210 | 3SAF1242 | 01526 | 3-67 | A8A4K1 | 302-0024-000 | 05284 | | A8A5TB1Q3H8 |
| 2465-009W5T0102P | 72982 | | A8A4FL2C211 | 3SAF1242 | 01526 | 3-67 | A8A4K3 | 302-0026-000 | 05284 | | A8A4A1A1H4 |
| 2465-009W5T0102P | 72982 | | A8A4FL2C212 | 3SAF1242 | 01526 | 3-67 | A8A4K4 | 302-0026-000 | 005284 | | A8A4A1MP1H5 |
| 2465-009W5T0102P | 72982 | | A8A4FL2C213 | 35AF1242 | 01526 | 3-67 | A8A4K5 | 302-0026-000 | 05284 | | A8A4A1MP1H8 |
| 2465-009W5T0102P | 72982 | | A8A4FL2C214 | 3SAK1005 | 01526 | 3-17 | A8A1E1K1 | 302-0026-000 | 05284 | | A8A4A1MP1H6 |
| 2465-009W5T0102P | 72982 | | A8A4FL2C215 | 3SBF1054A2 | 01526 | | A8A4K6 | 302-0026-000 | 05284 | | A8A4A1MP1H7 |
| 2465-009W570102P | 72982 | | A8A4FL2C216 | 30 | 76545 | | A5E1 | 302-0029-000 | 05284 | | A8A4A6MP1H13 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| 302-0029-000 | 05284 | | A8A4A6MP1H14 | 310-0045-000 | 79807 | | A8A5MP3H4 | 310-0071-000 | 79807 | | A8A4Q2H6 |
| 302-0029-000 | 05284 | | A8A4A6MP1H15 | 310-0045-000 | 70807 | | A8A5MP3H5 | 310-0071-000 | 79807 | | A8A5T2H5 |
| 302-0029-000 | 05284 | | A8A4A6MP1H16 | 310-0045-000 | 79807 | | A8A7A1A3H2 | 310-0074-000 | 79807 | | A8A1E5H3 |
| 302-0029-000 | 05284 | | A8A4A6MP1H17 | 310-0045-000 | 79807 | | A8MP1H3 | 310-0074-000 | 79807 | | A8A6A1E1H2 |
| 302-0029-000 | 05284 | | A8A4A6MP1H18 | 310-0045-000 | 79807 | | A8MP1H4 | 310-0074-000 | 79807 | | A8A6A1E2H2 |
| 302-0050-000 | 74921 | | A8A7TB1T1H5 | 310-0045-000 | 79807 | | A8MP8H3 | 310-0074-000 | 79807 | | A8A6A1E3H2 |
| 302-0050-000 | 74921 | | A8A7TB1T1H6 | 310-0046-000 | 79807 | | A8A4A1A1H1 | 310-0074-000 | 79807 | | A8A6A1E4H2 |
| 302-0050-000 | 74921 | | A8A7TB1T1H5 | 310-0046-000 | 79807 | | A8A4A1MP1H3 | 310-0074-000 | 79807 | | A8A6A1E5H2 |
| 302-0050-000 | 74921 | | A8A7TB1T1H6 | 310-0046-000 | 79807 | | A8A4A1MP1H4 | 310-0074-000 | 79807 | | A8A6E1E1H2 |
| 302-7000-000 | 74921 | | A3E1H5 | 310-0046-000 | 79807 | | A8A4A6A12H1 | 310-0074-000 | 79807 | | A8A6E1E2H2 |
| 302-7000-000 | 74921 | | A3E2H5 | 310-0046-000 | 79807 | | A8A5T2H3 | 310-0074-000 | 79807 | | A8A6E1E3H2 |
| 302-7000-000 | 74921 | | A3E3H5 | 310-0046-000 | 79807 | | A8A5T2H4 | 310-0074-000 | 79807 | | A8A6E1E4H2 |
| 302-7000-000 | 74921 | | A3E4H5 | 310-0046-000 | 79807 | | A8A6MP2H3 | 310-0074-000 | 79807 | | A8A6E1E5H2 |
| 303-1000-000 | 79807 | | A8A7TB1T1H7 | 310-0046-000 | 79807 | | A8A6MP2H4 | 310-0074-000 | 79807 | | A8A6E1E6H2 |
| 303-1000-000 | 79807 | | A8A7TB1T1H8 | 310-0048-000 | 79807 | | A8A4A6H3 | 310-0074-000 | 79807 | | A8A6E1H6 |
| 303-1000-000 | 79807 | | A8A7TB1T3H7 | 310-0048 000 | 79807 | | A8A4A6MP1H10 | 310-0074-000 | 79807 | | A8A6P1H6 |
| 303-1000-000 | 79807 | | A8A7TB1T3H8 | 310-0048-000 | 79807 | | A8A4A6MP1H11 | 310-0074-000 | 79807 | | A8A6P1H7 |
| 3051P1-105 | 80294 | 3-52 | A8A6E2R1 | 310-0048-000 | 79807 | | A8A4A6MP1H12 | 310-0075-000 | 79807 | | A8A3A4A1E10H1 |
| 30697 | 97965 | 3-67 | A8A4T3 | 310-0048-000 | 79087 | | A8A4A6MP1H7 | 310-0075-000 | 79807 | | A8A3A4A1E11H1 |
| 3100L037-1001 | 80294 | 3-21 | A8A2E5K1 | 310-0048-000 | 79807 | | A8A4A6MP1H8 | 310-0075-000 | 79807 | | A8A3A4A1E12H1 |
| 310-0044-000 | 79807 | | A8A1P1H5 | 310-0048-000 | 79807 | | A8A4A6MP1H9 | 310-0075-000 | 79807 | | A8A3A4A1E9H1 |
| 310-0044-000 | 79807 | | A8A1P1H6 | 310-0048-000 | 79807 | | A8A5MP5H2 | 310-0075-000 | 79807 | | A8A3A4A1E10H1 |
| 310-0044-000 | 79807 | | A8A2P3H5 | 310-0048-000 | 79807 | | A8A5MP5H3 | 310-0075-000 | 79807 | | A8A3A4A1E11H1 |
| 310-0044-000 | 79807 | | A8A2P3H6 | 310-0053-000 | 79807 | | A8A3A4H2 | 310-0075-000 | 79807 | | A8A3A4A2E12H1 |
| 310-0044-000 | 79807 | | A8A2P4H5 | 310-0053-000 | 79807 | | A8A6P1H4 | 310-0075-000 | 79807 | | A8A3A4AE9H1 |
| 310-0044-000 | 79807 | | A8A2P4H6 | 310-0053-000 | 79807 | | A8A6P1H5 | 310-0075-000 | 79807 | | A8A3A4E1H2 |
| 310-0044-000 | 79807 | | A8A5R22H3 | 310-0054-000 | 79807 | | A8A4A16H2 | 310-0075-000 | 79807 | | A8A3A4E1H2 |
| 310-0044-000 | 79807 | | A8A5R3H3 | 310-0071-000 | 79807 | | A8A4A6A12H5 | 310-0075-000 | 79807 | | A8A3A4E3H3 |
| 310-0044 000 | 79807 | | A8A5R4H3 | 310-0071-000 | 79807 | | A8A4A6MP55H2 | 310-0075-000 | 79807 | | A8A3A4E4H3 |
| 310-0045-000 | 79807 | | A8A3L98H2 | 310-0071-000 | 79807 | | A8A4A6MP56H2 | 310-0075-000 | 79807 | | A8A3A4H1 |
| 310-0045-000 | 79807 | | A8A4A16H2 | 310-0071-000 | 798D7 | | A8A4A6MP57H2 | 310-0075-000 | 79807 | | A8A3E17H3 |
| 310-0045-000 | 79807 | | A&A4A7A1H1 | 310-0071-000 | 79807 | | A8A4K2H5 | 310-0075-000 | 79807 | | A8A3E18H3 |
| 310-0045-000 | 79807 | | A8A4FL2H4 | 310-0071-000 | 79807 | | A8A4K2H6 | 310-0075-000 | 79807 | | A8A3E19H3 |
| 310-0045 000 | 79807 | | A8A4K6H5 | 310-0071-000 | 79807 | | A8A4MP36H1 | 310-0075-000 | 79807 | | A8A3E37H3 |
| 310-0045-000 | 79807 | | A8A4MP12H8 | 310-0071-000 | 79807 | | A8A4MP36H5 | 310-0075-000 | 79807 | | A8A3TB1H1 |
| 310-0045-000 | 79807 | | A8A4MP12H9 | 310-0071-000 | 79807 | | A8A4Q1H5 | 310-0075-000 | 79807 | | A8A3TB2E4H3 |
| 310-0045-000 | 79807 | | A8A4MP01H3 | 310-0071-000 | 79807 | | A8A4A1H6 | 310-0075-000 | 79807 | | A8A3TB2ESH3 |
| 310-0045-000 | 79807 | | A8A4T101H4 | 310-0071-000 | 79807 | | A8A4A1H5 | 310-0075 000 | 79807 | | A8A3TB2E6H3 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| 310-0075-000 | 79807 | | A8A3TB2H1 | 310-0274-000 | 13499 | | A8A4E30H4 | 310-0395-00 | 79807 | | A8A4A16C108H2 |
| 310-0075-000 | 79807 | | A8A3TB2K1H3 | 310-0274-000 | 13499 | | A8A4E31H3 | 310-0395-00 | 79807 | | A8A4A16C109H2 |
| 310-0075-000 | 79807 | | A8A3TB2K1H4 | 310-0274-000 | 13499 | | A8A4E31H4 | 310-0395-00 | 79807 | | A8A4A16C110H2 |
| 310-0075-000 | 79807 | | A8A4E1H2 | 310-0274-000 | 13499 | | A8A4E32H3 | 310-0395-00 | 79807 | | A8A4A16C111H2 |
| 310-0075-000 | 79807 | | A8A7TB1E10H2 | 310-0274-000 | 13499 | | A8A4E32H4 | 310-0395-00 | 79807 | | A8A4A16C112H2 |
| 310-0075-000 | 79807 | | A8A7TB1E11H2 | 310-0278-000 | 70318 | | A8A3P1H6 | 310-0395-00 | 79807 | | A8A4A16C113H2 |
| 310-0075-000 | 79807 | | A8A7TB1E12H2 | 310-0278-000 | 70318 | | A8A3P1H7 | 310-0395-00 | 79807 | | A8A4A16C114H2 |
| 310-0075-000 | 79087 | | A8A7TB1E13H2 | 310-0278-000 | 70318 | | A8A3P2H5 | 310-0396-00 | 79807 | | A8A2E9H2 |
| 310-0075-000 | 79807 | | A8A7TB1E14H2 | 310-0278-000 | 70318 | | A8A3P3H5 | 310-0396-00 | 79807 | | A8A3E10H2 |
| 310-0075-000 | 79807 | | A8A7TB1E15H2 | 310-0278-000 | 70318 | | A3A3P4H5 | 310-0396-00 | 79807 | | A8A3E16H2 |
| 310-0075-000 | 79807 | | A8A7TB1E16H2 | 310-0278-000 | 70318 | | A8A4A16H2 | 310-0396-00 | 79807 | | A8A3E20H3 |
| 310-0075-000 | 79807 | | A8A7TB1E17H2 | 310-0278-000 | 70318 | | A8A4A6A7H3 | 310-0396-00 | 79807 | | A8A3E21H3 |
| 310-0075-000 | 79807 | | A8A7TB1E18H2 | 310-0278-000 | 70318 | | A8A4E167H2 | 310-0396-00 | 79807 | | A8A3E30H3 |
| 310-0075-000 | 79807 | | A8A7TB1E2H2 | 310-0278-000 | 70318 | | A8A4E168H2 | 310-0396-00 | 79807 | | A8A3E31H3 |
| 310-0075-000 | 79807 | | A8A7TB1E3H2 | 310-0278-000 | 70318 | | A8A4E37H4 | 310-0396-00 | 79807 | | A8A3E32H3 |
| 310-0075-000 | 79807 | | A8A7TB1E4H2 | 310-0278-000 | 70318 | | A8A4E38H4 | 310-0396-00 | 79807 | | A8A3E33H3 |
| 310-0075-000 | 79807 | | A8A7TB1E5H2 | 310-0278-000 | 70318 | | A8A4E39H4 | 310-0396-00 | 79807 | | A5A3E34H3 |
| 310-0075-000 | 79807 | | A8A7TB1E6H2 | 310-0278-000 | 70318 | | A8A4E55H3 | 310-0396-00 | 79807 | | A8A3E35H3 |
| 310-0075-000 | 79807 | | A8A7TB1E7H2 | 310-0278-000 | 70318 | | A8A4E56H3 | 310-0396-00 | 79807 | | A8A3E36H3 |
| 310-0075-000 | 79807 | | A8A7TB1E8H2 | 310-0278-000 | 70318 | | A8A4E57H4 | 310-0396-00 | 79087 | | A8A3E38H4 |
| 310-0075-000 | 79807 | | AHA7TB1E9H2 | 310-0278-000 | 70318 | | A8A4FL2H2 | 310-0396-00 | 79807 | | A8A3E38H5 |
| 310-0075-000 | 79807 | | A8E3H2 | 310-0278-000 | 70318 | | A8A4K102H5 | 310-0396-00 | 79807 | | A8A3MP15H5 |
| 310-0078-000 | 79807 | | A8A4A16C115H2 | 310-0278-000 | 70318 | | A8A4K102H6 | 310-0396-00 | 79807 | | A8A3MP15H6 |
| 310-0078-000 | 79807 | | A8A4A16C116H2 | 310-0278-000 | 70318 | | A8A4K103H3 | 310-0396-00 | 79807 | | A8A3MP15H7 |
| 310-0077-000 | 79807 | | A8A4A16C117H2 | 310-0278-000 | 70318 | | A8A4K103H4 | 310-0396-00 | 79807 | | A8A3MP15H8 |
| 310-0078-000 | 79807 | | A8A4A16C118H2 | 310-0278-000 | 70318 | | A8A4MP12H10 | 310-0396-00 | 79807 | | A8A3TP1E4H3 |
| 310-0078-000 | 79807 | | A8A4A16C119H2 | 310-0278-000 | 70318 | | A8A4MP12H11 | 310-0396-00 | 79807 | | A8A3TP1E5H3 |
| 310-0078-000 | 79807 | | A8A4A16C120H2 | 310-0278-000 | 70318 | | A8A4MP22H3 | 310-0396-00 | 79807 | | A8A3TP1E6H3 |
| 310-0078-000 | 79807 | | A8A4A16C121H2 | 310-0278-000 | 70318 | | A8A4MP23H3 | 310-0396-00 | 79807 | | A8A3TP2E8H3 |
| 310-0078-000 | 79807 | | A8A4A16MP7H3 | 310-0280-000 | 70318 | | A8A8MP5H10 | 310-0396-00 | 79087 | | A8A3XV3H5 |
| 310-0078-000 | 79807 | | A8A4A16MP7H4 | 310-0280-000 | 70318 | | A8A8MP5H11 | 310-0396-00 | 79087 | | A8A3XV3H6 |
| 310-0078-000 | 79807 | | A8A4A6E3H2 | 310-0280-000 | 70318 | | A8A8MP5H12 | 310-0396-00 | 79087 | | A8A4A16H2 |
| 310-0078-000 | 79807 | | A8A4A6E4H2 | 310-0280-000 | 70318 | | A8A8MP5H13 | 310-0396-00 | 79087 | | A8A7MP7H3 |
| 310-0078-000 | 79807 | | A8A4C123R4 | 310-0280-000 | 70318 | | A8A8MP5H14 | 310-0396-00 | 79807 | | A8A7MP7H4 |
| 310-0082-000 | 79807 | | A8A4R121H2 | 310-0280-000 | 70318 | | A8A8MP5H15 | 310-0397-00 | 79807 | | A8A3A4A1L125H2 |
| 310-0274-000 | 13499 | | A8A4E29H3 | 310-0280-000 | 70318 | | A8A8MP5H16 | 310-0397-00 | 79807 | | A8A3A4A1L126H2 |
| 310-0274-000 | 13499 | | A8A4E29H4 | 310-0280-000 | 70318 | | A8A8MP5H9 | 310-0397-00 | 79807 | | A8A3A4A1L127H2 |
| 310-0274-000 | 13499 | | A8A4E30H3 | 310-0283-000 | 70318 | | A8A4A6H3 | 310-0397-00 | 79807 | | A8A3A4A2L128H2 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| 310-0397-00 | 79087 | | A8A3A4A1L139H2 | 310-6325-000 | 79807 | | A8A7E5H4 | 334-0043-000 | 21537 | | A8A3P2H1 |
| 310-3097-00 | 79087 | | A8A3A4A1L140H2 | 310-6340-000 | 79807 | | A8A1MP2H3 | 334-0043-000 | 21537 | | A8A3P3H1 |
| 310-0397-00 | 79807 | | A8A3A4A1L141H2 | 310-6340-000 | 79807 | | A8A1MP2H4 | 334-0043-000 | 21537 | | A8A3P4H1 |
| 310-0397-00 | 79807 | | A8A3A4A1L142H1 | 310-6340-000 | 79807 | | A8A5E3H2 | 334-1290-000 | 13499 | | A8A3A4A1L125H1 |
| 310-0397-00 | 79807 | | A8A3A4A2L143H2 | 310-6360-000 | 79807 | | A3E1H2 | 334-1290-000 | 13499 | | A8A3A4A1L126H1 |
| 310-0397-00 | 79807 | | A8A3A4A2L129H2 | 310-6360-000 | 79807 | | A3E2H2 | 334-1290-000 | 13499 | | A8A3A4A1L127H1 |
| 310-0397-00 | 79807 | | A8A3A4A2L130H2 | 310-6360-000 | 79807 | | A3E3H2 | 334-1290-000 | 13499 | | A8A3A4A1L133H1 |
| 310-0397-00 | 79807 | | A8A3A4A2L131H2 | 310-6360-000 | 79807 | | A3E4H2 | 334-1290-000 | 13499 | | A6A3A4A1L134H1 |
| 310-0397-00 | 79807 | | A8A3A4A2L132H2 | 310-6360-000 | 79807 | | A8A5MP2H1 | 334-1290-000 | 13499 | | A8A3A4A1L138M1 |
| 310-0397-00 | 79807 | | A8A3A4A1L133H2 | 310-6360-000 | 79807 | | A6A5MP9H2 | 334-1290-000 | 13499 | | A8A3A4A1L139H1 |
| 310-0397-00 | 79807 | | A8A3A4A1L134H2 | 310-6360-000 | 79807 | | A8MP8H4 | 334-1290-000 | 13499 | | A8A3A4A1L140H1 |
| 310-0397-00 | 79807 | | A8A3A4A1L138H2 | 3100L015-1001 | 80294 | 3-23 | APA3702K1 | 334-1290-000 | 13499 | | A8A3A4A1L141H1 |
| 310-0397-00 | 79807 | | A8A3A4A2L135H2 | 311-0774-000 | 70318 | | A8A7A1A2MP6 | 334-1290-000 | 13499 | | A8A3A4A1L142H2 |
| 310-0397-00 | 79087 | | A8A3A4A2L136H2 | 311-0774-000 | 70318 | | A8A7A1A2MP7 | 334-1290-000 | 13499 | | A8A3A4A2L128H1 |
| 310-0397-00 | 79087 | | A8A3A4A2L137H2 | 311-0774-000 | 70318 | | A8A7A1A2MP8 | 334-1290-000 | 13499 | | A8A3A4A2L129H1 |
| 310-0397-00 | 79807 | | A6A3A4A2L144H2 | 311-0774-000 | 70318 | | A8A7A1A2MP9 | 334-1290-000 | 13499 | | A8A3A4A2L130H1 |
| 310-0447-000 | 79807 | | A6A3MP3H5 | 324-1682-100 | 08664 | | A8A3MP12H2 | 334-1290-000 | 13499 | | A8A3A4A2L131H1 |
| 310-0447-000 | 79807 | | A6A3MP3H6 | 32442 | 00779 | | A8A3A3E1 | 334-1290-000 | 13499 | | A8A3A4A2L132H1 |
| 310-6320-00 | 79807 | | A6A3A4H1 | 32442 | 00779 | | A8A3A3E2 | 334-1290-000 | 13499 | | A8A3A4A2L135H1 |
| 310-6320-00 | 79807 | | A8A3E48R148H5 | 328-0014-000 | 08664 | | A6A4A3MP1H1 | 334-1290-000 | 13499 | | A8A3A4A2L136H1 |
| 310-6320-00 | 79807 | | A8A3E48R148H6 | 328-0014-000 | 08664 | | A8A4A4MP1H1 | 334-1290-000 | 13499 | | A8A3A4A2L137H1 |
| 310-6320-00 | 79807 | | A8A3E48R150H5 | 33C58 | 01939 | 3-16 | A8A1C43 | 334-1290-000 | 13499 | | A8A3A4A2L143H1 |
| 310-6320-00 | 79807 | | A8A3E48R150H6 | 330-1194-000 | 45722 | | A8A8MP5H1 | 334-1290-000 | 13499 | | A8A3A4A2L144H1 |
| 310-6320-00 | 79807 | | A8A3MP16H2 | 330-1194-000 | 45722 | | A8A8MP5H2 | 335-0020-000 | 08664 | | A8A4MP24H1 |
| 310-6320-00 | 79807 | | A8A3MP17H2 | 330-1194-000 | 45722 | | A8A8MP5H3 | 335-0020-000 | 08664 | | A8A1MP24H2 |
| 310-6320-00 | 79807 | | A8A5P1H5 | 330-1194-000 | 45722 | | A8A8MP5H4 | 335-0020-000 | 08664 | | A8A4MP42H1 |
| 310-6320-00 | 79807 | | A8A5P1H6 | 330-1194-000 | 45722 | | A8A8MP5H5 | 335-0020-000 | 08664 | | A8A4MP42H2 |
| 310-6325-000 | 79807 | | A8A3P1H5 | 330-1194-000 | 45722 | | A8A8MP5H6 | 335-0020-000 | 08664 | | A8A4MP45H1 |
| 310-6325-000 | 79807 | | A8A4A15H2 | 330-1194-000 | 45722 | | A8A8AMP5H7 | 335-0020-000 | 08664 | | A8A4MP45H2 |
| 310-6325-000 | 79807 | | A8A4E37H3 | 330-1194-000 | 45722 | | A8A8MP5H8 | 335-0020-000 | 08664 | | A8A4MP46H1 |
| 310-6325-000 | 79807 | | A8A4E38H3 | 330-2352-000 | 70601 | | A8A5R22H1 | 335-0020-000 | 08664 | | A8A4MP46H2 |
| 310-6325-000 | 79807 | | A8A4E39H3 | 330-2352-000 | 70601 | | A8A5R3H1 | 340-0127-000 | 91314 | | A8A4MP92 |
| 310-6325-000 | 79807 | | A8A4E55H4 | 330-2352-000 | 70601 | | A8A5R4H1 | 340-0127-000 | 91314 | | A8A4MP93 |
| 310-6325-000 | 79807 | | A8A4E56H4 | 330-2352-000 | 70601 | | A8A778171H3 | 340-0127-000 | 91314 | | A8A4MP94 |
| 310-6325-000 | 79807 | | A8A4E577H3 | 330-2352-000 | 70601 | | A8A778171H4 | 340-0127-000 | 91314 | | A8A4MP95 |
| 310-6325-000 | 79807 | | A8A4784H3 | 330-2352-000 | 70601 | | A8A778173H3 | 340-0642-00 | 91314 | | A8A4MP61 |
| 310-6325-000 | 79807 | | A8A4784H4 | 330-2352-000 | 70601 | | A8A778173H4 | 340-0642-00 | 91314 | | A8A4AP62 |
| 310-6325-000 | 79807 | | A8A4786H2 | 334-0043-000 | 21537 | | A8A3P1H1 | 340-0642-00 | 91314 | | A8A4MP63 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|-----------------------------------|---------------|---------|---------------------------------|---------------------------------|----------------|---------|---------------------------------|----------------------------|----------------|---------|---------------------------------|
| | REF NO. | MFG CO. | | | FIG NO. | REF NO. | | | MFG CO. | FIG NO. | |
| 340-0642-00 | 91314 | | A8A4MP64 | 4-48X-8 6SPLINE OVPT18-8SS7 | 08664 | | A8A4A6A7MP9H1 | 4040-2HDSPL | 77147 | | A8A3E37 |
| 340-0642-00 | 91314 | | A8A4MP65 | | | | | 4040-2HDSPL | 77147 | | A8A4E44 |
| 340-0642-00 | 91314 | | A8A4MP66 | 4-48X1-8 6SPLINE OVPT18-8SS7 | 08664 | | A8A4A6A7MP9H2 | 4040-2HDSPL | 77147 | | A8A4E45 |
| 340-0642-00 | 91314 | | A8A4MP67 | 4-48X1-8 6SPLINE OVPT18-8SS7 | 08664 | | A8A4MP44H1 | 4040-2HDSPL | 77147 | | A8A4E46 |
| 340-0642-00 | 91314 | | A8A4MP68 | 4JX1182023 | 03508 | | A8A7TB1Q29 | 4040-2HDSPL | 77147 | | A8A4E47 |
| 340-0642-00 | 91314 | | A8A4MP69 | 4L4F | 96881 | | A8A4MP9 | 4040-2HDSPL | 77147 | | A8A4E48 |
| 340-0642-00 | 91314 | | A8A4MP70 | 4007-4H7 | 77147 | | A8A1E6 | 4040-2HDSPL | 77147 | | A8A4E49 |
| 340-0642-00 | 91314 | | A8A4MP71 | 4007-4H7 | 77147 | | A8A3E17 | 4040-2HDSPL | 77147 | | A8A4E50 |
| 340-0642-00 | 91314 | | A8A4MP72 | 4007-4H7 | 77147 | | A8A3E18 | 4040-2HDSPL | 77147 | | A8A4E51 |
| 340-0642-00 | 91314 | | A8A4MP73 | 4007-4H7 | 77147 | | A8A3E19 | 4040-2HDSPL | 77147 | | A8A4E52 |
| 340-0642-00 | 91314 | | A8A4MP74 | 4007-4H7 | 77147 | | A8A3E20 | 4040-2H7 | 77147 | | A8A1E2 |
| 340-0642-00 | 91314 | | A8A4MP75 | 4007-4H7 | 77147 | | A8A3E21 | 4040-2H7 | 77147 | | A8A3A4E1 |
| 340-0642-000 | 91314 | | A8A4MP76 | 4007-4H7 | 77147 | | A8A3E22 | 4040-2H7 | 77147 | | A8A3A4E2 |
| 340-0642-00 | 91314 | | A8A4MP77 | 4007-4H7 | 77147 | | A8A3E23 | 4040-2H7 | 77147 | | A8A3A4E3 |
| 340-0642-00 | 91314 | | A8A4MP78 | 4007-4H7 | 77147 | | A8A3E24 | 4040-2H7 | 77147 | | A8A3A4E4 |
| 340-0642-00 | 91314 | | A87AMP79 | 4007-4H7 | 77147 | | A8A3E25 | 4040-2H7 | 77147 | | A8A37B2E4 |
| 340-0642-00 | 91314 | | A8A4MP80 | 4007-4H7 | 77147 | | A8A3E26 | 4040-2H7 | 77147 | | A8A37B2E5 |
| 340-0642-00 | 91314 | | A8A4MP81 | 4007-4H7 | 77147 | | A8A3E27 | 4040-2H7 | 77147 | | A8A37B2E6 |
| 340149 | 75915 | | A81A4XF1 | 4007-4H7 | 77147 | | A8A3E28 | 4040-2H7 | 77147 | | A8A37B2E7 |
| 340164 | 75915 | | A8A4XF2 | 4007-4H7 | 77147 | | A8A3E27 | 4040-2H7 | 77147 | | A8A3E5 |
| 35107 | 00779 | | ASE3 | 4007-4H7 | 77147 | | A8A3TB1E4 | 4040-5HDSPL | 77117 | | A8A2E9 |
| 36C228A3 | 56289 | 3-66 | A8A4A1C139 | 4007-4H7 | 77147 | | A8A3TB1E5 | 4040-5HDSPL | 77147 | | A8A3E38 |
| 46062 | 75818 | | A7A1E1W1 | 4007-4H7 | 77147 | | A8A3TB1E6 | 4040-5HDSPL | 77147 | | A8A3E39 |
| 36062 | 75818 | | A7A2E1W1 | 4007-4H7 | 77147 | | A8A37B2E1 | 4040-5HDSPL | 77147 | | A8A3E39 |
| 36109 | 75818 | | A8A3A3W1 | 4007-4H7 | 77147 | | A8A4E34 | 4040-5HDSPL | 77147 | | A8A3E41 |
| 36665 | 73386 | 3-67 | A8A472 | 4007-6H7 | 77147 | | A8A4E35 | 4040-5HDSPL | 77147 | | A8A3E42 |
| 4-48X1-8 6 SPLINE OVPT18-8SS7 | 08664 | | A8A4A6A7MP10H1 | 4007-6H7 | 77147 | | A8A4E36 | 4040-5HDSPL | 77147 | | A8A3E43 |
| 4-48X1-8-6 SPLINE OVPT18-8SS7 | 08664 | | A8A4A6A7MP10H2 | 4007-8H7 4007-8H7 | 77147 77147 | | A8A3A4A1E1 A8A3A4A1E2 | 4040-5HDSPL 4040-5HDSPL | 77147 77147 | | A8A3E44 A8A4E53 |
| 4-48X1-8 6 SPLINE OVPT18-8SS7 | 08664 | | A8A4A6A7MP6H1 | 4007-8H7 | 77147 | | A8A4A1E3 | 41C92 | 01939 | | A8A4FL2C231 |
| 4-48X1-8 6 SPLINE OVPT18- 8SS7 | 08664 | | A8A4A6A7MP7H2 | 4007-8H4 | 77147 | | A8A3A4A2E1 | 41C92 | 01939 | | A8A4FL2C232 |
| | | | | 4007-8H7 | 77147 | | A8A3A4A2E2 | 41C92 | 01939 | | A8A4FL2C233 |
| 4-48X1-8 6 SPLINE OVPT18-8SS7 | 08664 | | A8A4A6A7MP7H1 | 4007-8H7 | 77147 | | A8A3A1A2E3 | 4422-11-117 | 82142 | 3-37 | A8A3E46L102 |
| 4-48X1-8 6 SPLINE OVPT18-8SS7 | 08664 | | A8A4A6A7MP7H2 | 4021 | 77147 | | A8A4E139 | 4422-11-117 | 82142 | | A8A4FL2L206 |
| 4-48X1-8 6 SPLINE OVPT18-8SS7 | 08664 | | A8A4A6A7MP8H1 | 4040-2HDSPL | 77147 | | A8A2E6 | 44655 | | 3-65 | A8A4L121 |
| 4-48X1-8 6 SPLINE OVPT18-8SS7 | 08664 | | A8A4A6A7MP8H2 | 4040-2HDSPL | 77147 | | A8A2E7 | 45-4594 | 04221 | 3-50 | A8A5K1 |
| 4-48X1-8 6 SPLINE OVPT18-8SS7 | 08664 | | A5A4A6A7MP8H2 | 4040-2HDSPL | 77147 | | A8A2E8 | 500-1065-003 | 13499 | | A8A4S102H2 |
| | | | | | | | | 500-1065-003 | 13499 | | A8A4S2H2 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| 500-1065-003 | 13499 | | A8A4S3H2 | 5133-18C | 79136 | | A8A4A6H11 | 541-8646-002 | 13499 | | A8A4A6A7A1MP2 |
| 500-2179-002 | 13499 | | A8A4A6A11MP3 | 5133-18C | 79136 | | A8A4A6H12 | 542-1348-002 | 13499 | | A8A1Q11H2 |
| 500-2179-002 | 13499 | | A8A4A6A9MP3 | 5133-18C | 79136 | | A8A4A6H13 | 542-1589-003 | 13499 | | A8A4H10 |
| 500-6308-001 | 13499 | | A8A4A6MP18H1 | 5133-18C | 79136 | | A8A4A6H14 | 542-1589-003 | 13499 | | A8A4H1 |
| 500-6308-001 | 13499 | | A8A4A6MP19H1 | 5133-18C | 79136 | | A8A4A6H9 | 542-1589-003 | 13499 | | A8A4H12 |
| 502-1515-002 | 13499 | | A8A3MP38H5 | 5133-25C | 79136 | | A8A4H1 | 542-1589-003 | 13499 | | A8A4H7 |
| 502-1515-002 | 13499 | | A8A3MP38H6 | 5133-25C | 79136 | | A8A4H2 | 542-1589-003 | 13499 | | A8A4H8 |
| 502-1515-002 | 13499 | | A8A3MP38H7 | 5133-6C | 79136 | | A8A4H3 | 542-1589-003 | 13499 | | A8A4H9 |
| 502-1515-002 | 13499 | | A8A3MP38H8 | 5133-6C | 79136 | | A8A4H4 | 542-1598-003 | 13499 | | A7A1H1 |
| 504-0726-003 | 13499 | | A8A3A4H1 | 5133-6C | 79136 | | A8A4H5 | 542-1598-003 | 13499 | | A7A1H2 |
| 504-0730-003 | 13499 | | A8A5TB1Q3H5 | 5133-6C | 79136 | | A8A4H6 | 542-1598-003 | 13499 | | A7A2H1 |
| 504-0730-003 | 13499 | | A8A5TB1Q3H6 | 522-3354-004 | 13499 | | A8A8 | 542-1598-003 | 13499 | | A7A2H2 |
| 504-7415-002 | 13499 | | A8A5E18 | 526-6052-001 | 13499 | 3-45 | A8A5T2 | 543-5561-003 | 13499 | | A8AQ11H3 |
| 504-7577-002 | 13499 | | A8A3MP12 | 526-9376-000 | 13499 | 3-21 | A8A2FL1 | 543-5656-003 | 13499 | | A8A4A6H15 |
| 504-7577-002 | 13499 | | A8A4MP22 | 540-9223-003 | 13499 | | A8A4A16MP3 | 543-5656-003 | 13499 | | A8A4A6H16 |
| 504-7577-002 | 13499 | | A8A4MP23 | 540-9223-003 | 13499 | | A8A4A16MP4 | 543-5656-003 | 13499 | | A8A4A6H17 |
| 506-5908-003 | 13499 | | A8A4MP35H1 | 540-9229-003 | 13499 | | A8A4A16MP5 | 544-2986-002 | 13499 | | A8A4A6A7MP5 |
| 506-5950-003 | 13499 | | A8A7A1A3H2 | 540-9229-003 | 13499 | | A8A4A16MP6 | 546-3043-003 | 13499 | | A8A3A4H1 |
| 506-5950-003 | 13499 | | A8A7A1A3H3 | 541-5179-002 | 13499 | | A8A4MP14 | 548-7643-002 | 13499 | | A8A8H2 |
| 506-5950-003 | 13499 | | A8A7A1A3H4 | 541-5179-002 | 13499 | | A8A7MP4 | 548-7761-002 | 13499 | | A8A3MP18 |
| 506-5950-003 | 13499 | | A8A7A1A4H2 | 541-5181-002 | 13499 | | A8A4MP15 | 548-7761-002 | 13499 | | A8A3MP19 |
| 506-5950-003 | 13499 | | A8A7A1A4H3 | 541-5182-002 | 13499 | | A8A4MP16 | 548-7761-002 | 13499 | | A8A3M20 |
| 5101-37MD | 89462 | | A8A3H19 | 541-5182-002 | 13499 | | A8A4MP17 | 548-7761-002 | 13499 | | A8A3MP21 |
| 5101-37MD | 89462 | | A8A3H20 | 541-5987-002 | 13499 | | A6A7MP15 | 548-7762-003 | 13499 | | A8A7MP8 |
| 5101-37MD | 89462 | | A8A3A21 | 541-5987-002 | 13499 | | A8A7MP16 | 548-7777-003 | 13499 | | A8A3MP7 |
| 5101-37MD | 89462 | | A8A3H22 | 541-5987-002 | 13499 | | A8A7MP17 | 548-7777-003 | 13499 | | A8A3MP8 |
| 5101-37MD | 89462 | | A8A3H23 | 541-5987-002 | 13499 | | A8A7MP18 | 548-7779-003 | 13499 | | A8A3MP26 |
| 5133-15C | 79136 | | A8A3H13 | 541-6017-002 | 13499 | | A8A4MP85 | 548-7782-002 | 13499 | | A8A3A4MP3 |
| 5133-15C | 79136 | | A8A3H14 | 541-017-002 | 13499 | | A8A4MP85A | 548-7782-002 | 13499 | | A8A3A4MP4 |
| 5133-15C | 79136 | | A8A3H15 | 541-6017-002 | 13499 | | A8A4MP86 | 548-7783-002 | 13499 | | A8A3MP9 |
| 5133-15C | 79136 | | A8A3H16 | 541-6017-002 | 13499 | | A8A4MP87 | 548-7786-003 | 13499 | | A8A3A4MP5 |
| 5133-15C | 79136 | | A8A3H17 | 5416017-002 | 13499 | | A8A4MP88 | 548-7786-003 | 13499 | | A8A3A4MP6 |
| 5133-15C | 79136 | | A8A3H18 | 541-6017-002 | 13499 | | A8A4MP89 | 548-7787-003 | 13499 | | A8A3A4MP7 |
| 5133-15C | 79136 | | A8A4A6A7H2 | 541-6038-002 | 13499 | | A8A4A16MP8 | 548-7787-003 | 13499 | | A8A3A4MP8 |
| 5133-15C | 79136 | | A8A4A6A7H3 | 541-6038-002 | 13499 | | A8A4A16MP9 | 548-7788-003 | 13499 | | A8A3A4MP10 |
| 5133-18C | 79136 | | A8A4A6A7H4 | 541-6039-002 | 13499 | | A8A4AL6MP10 | 548-7788-003 | 13499 | | A8A3A4MP9 |
| 5133-18C | 79136 | | A8A4A6A7H5 | 541-6039-002 | 13499 | | A8A4A16MP11 | 548-7789-003 | 13499 | | A8A3A4AMP12 |
| 5133-18C | 79136 | | A8A4A6H10 | 541-6522-002 | 13499 | | A8A3MP31 | 548-7792-004 | 13499 | | A8A3E15 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| 548-7793-004 | 13499 | 3-33 | A8A3A4A1 | 548-7835-002 | 13499 | | A8A3A12S8E1 | 548-9319-002 | 13499 | | A8A4MP56 |
| 548-7794-005 | 13499 | 3-9 | A8A3A4 | 548-7835-002 | 13499 | | A8A3A9A2S2E1 | 548-9319-002 | 13499 | | A8A4MP57 |
| 548-7795-005 | 13499 | 3-33 | A8A3A4A2 | 548-7835-003 | 13499 | | A8A3A9A3S3E1 | 548-9308-003 | 13499 | | A8A9 |
| 548-7797-004 | 13499 | 3-41 | A8A3L145 | 548-7839-003 | 13499 | | A8A3A10S4E2 | 549-1544-003 | 13499 | | A8A6MP2 |
| 548-7799-005 | 13499 | 3-33 | A8A3A4E6 | 548-7339-003 | 13499 | | A8A3A11S5E2 | 549-1545-003 | 13499 | | A8A6MP3 |
| 548-7800-002 | 13499 | | A8A3A4A1E4 | 548-7839-003 | 13499 | | A8A3A12S8E2 | 549-1549-003 | 13499 | | A8A6MP1 |
| 548-7800-002 | 13499 | | A8A3A4A1E5 | 548-7839-003 | 13499 | | A8A3A9A1S1E1 | 549-1551-003 | 13499 | 3-52 | A8A6E1TB1 |
| 518-7800-002 | 13499 | | A8A3A4A1E6 | 548-7839-003 | 13499 | | A8A3A9A2S2E2 | 549-1552-004 | 13499 | 3-13 | A8A6A1 |
| 548-7800-002 | 13499 | | A8A3A4A1E7 | 548-7839-003 | 13499 | | A8A3A9A3S3E2 | 549-1553-004 | 13499 | 3-12 | A8A6E1 |
| 548-7800-002 | 13499 | | A8A3A4A1E8 | 548-7858-003 | 13499 | | A8A7E7A2E1 | 549-1555-005 | 13499 | 3-53 | A8A6A1A1 |
| 548-7800-002 | 13499 | | A8A3A4A2E4 | 548-7858-003 | 13499 | | A8A7E7A2E2 | 549-1680-004 | 13499 | 3-12 | A6A6E2 |
| 518-7800-002 | 13499 | | A8A3A4A2E5 | 548-7870-004 | 13499 | | A8A3A4MP1 | 549-1682-004 | 13499 | 3-52 | A8A6E2TB1 |
| 548-7800-002 | 13499 | | A8A3A4A2E6 | 548-7872-004 | 13499 | | A8A3A4MP2 | 549-5641-000 | 13499 | | A8AW11 |
| 548-7800-002 | 13499 | | A8A3A4A2E7 | 548-7882-004 | 13499 | | A8A3MP25 | 549-5642-002 | 13499 | | A8A1Q11H1 |
| 518-7800-002 | 13499 | | A8A3A4A2E8 | 548-7886-004 | 13499 | | A8A3A1 | 549-5643-002 | 13499 | | A8A3A13MP1 |
| 548-7802-004 | 13499 | 3-34 | A8A3A4E7 | 548-7897-002 | 13499 | | A8A8MP2 | 549-5643-002 | 13499 | | A8A7E5MP3 |
| 548-7805-004 | 13499 | 3-31 | A8A3A4A1L125 | 548-7908-002 | 13499 | | A8A4MP58 | 549-5650-003 | 13499 | 3-17 | A8A1E1E1 |
| 548-7805-004 | 13499 | 3-32 | A8A3A4A2L141 | 548-7908-002 | 13499 | | A8A4MP59 | 549-5651-004 | 13499 | 3-6 | A8A1E2 |
| 548-7806-004 | 13499 | 3-32 | A8A3A4A2L143 | 548-7909-002 | 13499 | | A8A4MP51 | 549-5653-004 | 13499 | 3-18 | A8A1E2E1 |
| 548-7807-004 | 13499 | 3-31 | A8A3A4A1L126 | 548-7909-002 | 13499 | | A8A4MP52 | 549-5654-004 | 13499 | 3-6 | A8A1E1 |
| 548-7807-004 | 13499 | 3-31 | A8A3A4A1L142 | 548-7910-002 | 13499 | | A8A4MP38 | 549-5655-004 | 13499 | 3-6 | A8A1E3 |
| 548-7808-004 | 13499 | 3-31 | A8A3A4A1L127 | 548-7910-002 | 13499 | | A8A4MP39 | 549-5657-004 | 13499 | 3-19 | A8A1E3E1 |
| 548-7308-004 | 13499 | 3-31 | A8A3A4A1L133 | 548-7911-002 | 13499 | | A8A4E20 | 549-5659-005 | 13499 | | A8A1MP1 |
| 548-7808-004 | 13499 | 3-31 | A8A3A4A1L134 | 548-7911-002 | 13499 | | A8A4E21 | 549-5660-002 | 13499 | 3-21 | A8A2MP3 |
| 548-7808-004 | 13499 | 3-32 | A8A3A4A2L128 | 548-7912-004 | 13499 | | A8A3M24 | 549-5678-003 | 13499 | 3-20 | A8A2E2 |
| 548-7808-004 | 13499 | 3-32 | A8A3A4A2L129 | 548-7975-002 | 13499 | | A8A4J2H5 | 549-5680-003 | 13499 | 3-20 | A8A2E2E1 |
| 548-7808-004 | 13499 | 3-32 | A8A3A4A2L130 | 548-7975-002 | 13499 | | A8A4J2H6 | 549-5682-003 | 13499 | 3-21 | A8A2E3E1 |
| 548-7808-004 | 13499 | 3-32 | A8A3A4A2L131 | 548-7975-002 | 13499 | | A8A4J3H5 | 549-5684-003 | 13499 | 3-21 | A8A2ELE1 |
| 548-7808-004 | 13499 | 3-32 | A8A3A4A2L132 | 548-7975-002 | 13499 | | A8A4J3H6 | 549-5686-003 | 13499 | | A8A2E5E1 |
| 548-7809-000 | 13499 | 3-31 | A8A3A4A1L141 | 548-7975-002 | 13499 | | A8ALJ4H5 | 589-868-0000 | 13499 | 3-20 | A8A2E1 |
| 548-7810-004 | 13499 | 3-11 | A8A3A4A1L140 | 558-7975-002 | 13499 | | A8A4J4H6 | 549-5690-000 | 13499 | | A8A2E1E1 |
| 548-7811-004 | 13499 | 3-31 | A8A3A4A1L139 | 548-7975-002 | 13499 | | A8A4J9H5 | 549-5691-004 | 13499 | 3-21 | A8A2E3 |
| 548-7812-004 | 13499 | 3-31 | A8A3A4A1L138 | 548-7975-002 | 13499 | | A8A4J9H6 | 549-5692-004 | 13499 | 3-21 | A8A2E3 |
| 548-7813-004 | 13499 | 3-32 | A8A3A4A2L137 | 548-7976-003 | 13499 | | A8A4H5 | 549-5693-004 | 13499 | 3-21 | A8A2E5 |
| 548-7814-004 | 13499 | 3-32 | A8A3A4A2L136 | 548-9095-002 | 13499 | | A4A1 | 549-5703-005 | 13499 | | A8A1MP2 |
| 548-7815-004 | 13499 | 3-32 | A8A3A4A2L135 | 548-9097-003 | 13499 | 1-1 | A4A1MP1 | 549-5709-002 | 13499 | | A8A1E4 |
| 548-7835-002 | 13499 | | A8A3A1054E1 | 548-9098-003 | 13499 | | A5E2 | 549-5709-002 | 13499 | | A8A3E16 |
| 548-7835-002 | 13499 | | A8A3A1155E1 | 548-9101-004 | 13499 | 1-7 | A4A2 | 549-5709-002 | 13499 | | A8A5E4 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| 549-5709-002 | 13499 | | A8A7E8 | 549-5744-002 | 13499 | | A8A7E5MP5 | 549-5813-003 | 13499 | | A8A5M9 |
| 549-5710-002 | 13499 | | A8A7MP13 | 549-5746-002 | 13499 | | A8A7E5E2 | 549-5815-003 | 13499 | | A8A5MP3 |
| 549-5710-002 | 13499 | | A8A7MP14 | 549-5746-002 | 13499 | | A8A7E5E3 | 549-5823-003 | 13499 | | A8A8E2 |
| 549-5711-002 | 13499 | | A8A7MP10 | 549-5748-002 | 13499 | 3-58 | A8A7E5L19 | 549-5825-003 | 13499 | 3-48 | A6A5E2EH |
| 549-5717-002 | 13499 | | A8A7A2 | 549-5749-002 | 13499 | | A8A7A1A2MP3 | 549-5827-003 | 13499 | 3-45 | A8A5E3 |
| 549-5718-002 | 13499 | | A8A7A2MP2 | 549-5749-002 | 13499 | | A8A7A1A2MP4 | 549-5829-003 | 13499 | 3-49 | A8A5E3E |
| 549-5719-002 | 13499 | | A8A7A2A1 | 549-5750-002 | 13499 | | A8A7A1A2MP5 | 549-5831-004 | 13499 | 3-11 | A8A5E1 |
| 549-5719-002 | 13499 | | A8A7A3A1 | 549-5751-002 | 13499 | | A8A7A1A2MP1 | 549-5833-004 | 13499 | 3-47 | A8A5E1E1 |
| 549-5720-002 | 13499 | | A8A3A8A1MP2 | 549-5751-002 | 13499 | | A8A7A1A2MP2 | 549-5835-005 | 13499 | | A8A5MP1 |
| 549-5720-002 | 13499 | | A8A7A2A1MP2 | 549-5752-002 | 13499 | | A8A7W1 | 549-5836-002 | 13499 | | A8A5MP4 |
| 549-5720-002 | 13499 | | A8A7A3A1MP2 | 549-5755-003 | 13499 | | A8A77P9 | 549-5836-002 | 13499 | | A8A5MP5 |
| 549-5721-002 | 13499 | | A8A3A2M3 | 549-5760-003 | 13499 | | A8A7A2A1MP1 | 549-5838-000 | 13499 | | A8A3W1 |
| 549-5721-002 | 13499 | | A8A3A8A1MP3 | 549-5760-003 | 13499 | | A8A7A3A1MP1 | 549-5843-002 | 13499 | | A8A7E7A2MP1 |
| 549-5721-002 | 13499 | | A8A7A2A1MP3 | 549-5761-003 | 13499 | | A8A7A1 | 549-5843-002 | 13499 | | A8A7E7A2MP2 |
| 549-5721-002 | 13499 | | A8A73A3 | 549-5762-003 | 13499 | | A8A7A1A4MP3 | 549-5846-002 | 13499 | | A8A3A8MP2 |
| 549-5722-002 | 13499 | | A8A7A3 | 549-5764-003 | 13499 | 3-60 | A8A7E7A1E8 | 549-5850-002 | 13499 | | A8A3A9MP1 |
| 549-5723-002 | 13499 | | A8A7A3M2 | 549-5767-003 | 13499 | | A8A7MP12 | 549-5850-002 | 13499 | | A8A3A9MP2 |
| 549-5724-002 | 13499 | | A6A7A1A3 | 549-5771-003 | 13499 | 3-55 | A8A7E2E2 | 549-5850-002 | 13499 | | A8A3A99 3 |
| 549-5725-002 | 13499 | | A8A7A1A3W3 | 549-5775-004 | 13499 | | A8A7MP11 | 549-5850-002 | 13499 | | A8A3A9MP4 |
| 549-5726-002 | 13499 | | A8A77AA31P1 | 549-5776-004 | 13499 | 3-4 | A8A7E7 | 549-5851-002 | 13499 | | A8A3A9MP5 |
| 549-5727-002 | 13499 | | A8A7ALA3A1 | 549-5777-004 | 13499 | 3-60 | A8A7E7A1 | 549-5851-002 | 13499 | | A8A3A9MP6 |
| 549-5728-002 | 13499 | | A8A7A1A3A1MP2 | 549-5778-004 | 13499 | 3-60 | A8A7E7A2 | 549-5851-002 | 13499 | | A8A3A9MP7 |
| 549-5729-002 | 13499 | | A8A7A1A3A1MP1 | 549-578-0004 | 13499 | 3-60 | A8A7E7A2E1 | 549-5851-002 | 13499 | | A8A39MA9P8 |
| 549-5730-002 | 13499 | | A8A71A1A4 | 549-5783-004 | 13499 | 3-15 | A8A7E5 | 549-5853-002 | 13499 | | A8A3A2MP |
| 549-5731-002 | 13499 | | A8A7A1A4W1 | 549-5785-004 | 13499 | 3-58 | A8A7E5E1 | 549-5854-002 | 13499 | | A6A3A8A1MP1 |
| 549-5732-002 | 13499 | | A8A7A1A4MP2 | 549-5788-000 | 13499 | 3-14 | A8A7E4 | 549-5857-002 | 13499 | | A8A3A7MP5 |
| 549-5733-002 | 13499 | | A8A7A1A1 | 549-5790-004 | 13499 | 3-57 | A8A7E4E1 | 549-5858-002 | 13499 | | A8A3A7MP6 |
| 549-5734-002 | 13499 | | A8A7A1A1MP2 | 549-5794-004 | 13499 | 3-14 | A8A7E2 | 549-5859-002 | 13499 | | A8A3M27 |
| 549-5735-002 | 13499 | | A8A7E7A2MP10 | 549-5796-004 | 13499 | 3-15 | A8A7E1 | 549-5859-002 | 13499 | | A8A3MP28 |
| 549-5735-002 | 13499 | | A8A7E7A2MP9 | 549-5798-004 | 13499 | 3-54 | A8A7E1E1 | 549-5860-002 | 13499 | | A8A3MP5 |
| 549-5737-002 | 13499 | | A8A7E7A2MP3 | 549-5801-004 | 13499 | 3-14 | A8A7E6 | 549-5860-002 | 13499 | | A8A3MP6 |
| 549-5735-002 | 13499 | | A8A7E7A2MP4 | 549-5803-004 | 13499 | 3-59 | A8A7E6E1 | 549-5861-002 | 13499 | | A8A3A7MP3 |
| 549-5737-002 | 13499 | | A8A7E7A2MP5 | 549-5806-004 | 13499 | | A8A7A1A2MP10 | 549-5861-002 | 13499 | | A8A3A7MP4 |
| 549-5737-002 | 13499 | | A8A71E7A2MP6 | 549-5807-004 | 13499 | | A8A7A1A2 | 549-5862-002 | 13499 | | A8A3MP13 |
| 549-5742-002 | 13499 | | A8A7E5MP1 | 549-5809-005 | 13499 | | A8A7A1MP5 | 549-5862-002 | 13499 | | A8A3MP14 |
| 549-5742-002 | 13499 | | A8A7E5MP2 | 549-5810-000 | 13499 | | A8A5W1 | 549-5863-002 | 13499 | | A8A3MP39 |
| 549-5743-002 | 13499 | | A8A7E5E4 | 549-5811-002 | 13499 | | A8A5MP7 | 549-5863-002 | 13499 | | A8A3MP40 |
| 549-5744-002 | 13499 | | A8A7E5MP4 | 549-5811-002 | 13499 | | A8A5MP8 | 549-5864-002 | 13499 | | A8A3MP30 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| 549-5865-002 | 13499 | | A8A3MP29 | 549-5931-003 | 13499 | 3-30 | A8A3A11L62 | 549-5999-004 | 13499 | 3-39 | A8A3E48E1 |
| 549-5866-002 | 13499 | | A8A3A5MP5 | 549-5931-003 | 13499 | 3-35 | A8A3A12L79 | 549-6000-004 | 13499 | 3-9 | A8A3E48 |
| 549-5866-002 | 13499 | | A8A3A6MP7 | 549-5931-003 | 13499 | 3-27 | A8A3A9A2L7 | 549-6002-003 | 13499 | 3-39 | A8A3E4871 |
| 549-5868-002 | 13499 | | A8A3MP36 | 549-5931-003 | 13499 | 3-27 | A8A3A9A3L32 | 549-6006-000 | 13499 | | A8A4A6 |
| 549-5868-002 | 13499 | | A8A3MP37 | 549-5932-003 | 13499 | 3-35 | A8A3A12L80 | 549-6010-002 | 13499 | | A8A4A6A7MP1 |
| 549-5869-002 | 13499 | | A8A3MP1 | 549-5933-003 | 13499 | 3-29 | A8A3A10L48 | 549-6011-002 | 13499 | | A8A4A6A7MP2 |
| 549-5869-002 | 13499 | | A8A3MP2 | 549-5933-003 | 13499 | 3-30 | A8A3A11L63 | 549-6012-002 | 13499 | | A8A4A6A7MP3 |
| 549-5870-002 | 13499 | | A8A3A7 | 549-5933-003 | 13499 | 3-35 | A8A3A12L1 | 549-6013-002 | 13499 | | A8A4A6A7MP4 |
| 549-5878-002 | 13499 | | A8A3A5MP3 | 549-5933-003 | 13499 | 3-27 | A8A3A9A2L18 | 549-6014-002 | 13499 | | A8A4A6A7MP15 |
| 549-5878-002 | 13499 | | A8A3A6MP3 | 549-5933-003 | 13499 | 3-28 | A8A3A9A3L33 | 549-6015-002 | 13499 | | A8A4A6A7A1MP5 |
| 549-5881-002 | 13499 | | A8A3A2 | 549-5935-003 | 13499 | 3-29 | A8A3A10L19 | 549-6016-002 | 13499 | | A8A4A6A7MP16 |
| 549-5882-002 | 13499 | | A8A3A8A1 | 549-5935-003 | 13499 | | A8A3A11L64 | 549-6017-002 | 13499 | | A8A4A6A7MP17 |
| 549-5885-002 | 13499 | 3-36 | A8A3A13L103 | 549-5935-003 | 13499 | 3-27 | A8A3A9A2L19 | 549-6018-002 | 13499 | | A8A4A6A7A3MP3 |
| 549-5886-002 | 13499 | | A8A3MP32 | 549-5935-003 | 13499 | 3-28 | A8A3A9A3L34 | 549-6018-002 | 13499 | | A8A4A6A7A4MP3 |
| 549-5886-002 | 13499 | | A8A3MP33 | 549-5936-003 | 13499 | 3-29 | A8A3A10L50 | 549-6021-002 | 13499 | | A8A4A6MP22 |
| 549-5886-002 | 13499 | | A8A3MP3 | 549-5936-003 | 13499 | 3-30 | A8A3A11L65 | 549-6021-002 | 13499 | | A8A4A6M(P23 |
| 549-5836-002 | 13499 | | A8A3MP35 | 549-5936-003 | 13499 | 3-27 | A8A3A9A2L20 | 549-6021-002 | 13499 | | A8A4A6[P24 |
| 549-5887-002 | 13499 | | A8A3A8 | 549-5936-003 | 13499 | 3-28 | A8A3A9A3L35 | 549-6021-002 | 13499 | | A8A4A6MP25 |
| 549-5889-003 | 13499 | 3-29 | A8A3A10E6 | 549-5937-003 | 13499 | 3-29 | A8A3A10L51 | 549-6021-002 | 13499 | | A8A4A6MP26 |
| 549-5889-003 | 13499 | 3-30 | A8A3A3L8 | 549-5937-003 | 13499 | 3-30 | A8A3A11L66 | 549-6021-002 | 13499 | | A8A4A6KP27 |
| 549-5889-003 | 13499 | 3-35 | A8A3A12R12 | 549-5937-003 | 13499 | 3-27 | A8A3A9A2L21 | 549-6022-002 | 13499 | | A8A4A6A7A2MP1 |
| 549-5889-003 | 13499 | 3-25 | A8A3A9A22 | 549-5937-003 | 13499 | 3-28 | A8A3A9A3L36 | 549-6023-002 | 13499 | | A8A4A6A72P2 |
| 549-5889-003 | 13499 | 3-28 | A8A3A9A3F4 | 549-5950-004 | 13499 | 3-29 | A8A3A10S4 | 549-6024-002 | 13499 | | A8A4A6A7A2 |
| 549-5890-003 | 13499 | 3-29 | A8A3A0Z5 | 549-5950-004 | 13499 | 3-30 | A8A3A11S5 | 549-6025-002 | 13499 | | A8A4A6MP51 |
| 549-5890-003 | 131499 | 3-30 | A8A3A11E7 | 549-5950-004 | 13499 | 3-35 | A8A3A12S8 | 549-6025-002 | 13499 | | A8A4A6MP51H2 |
| 549-5890-003 | 13499 | 3-35 | A8A3A12E11 | 549-5950-004 | 13499 | 3-27 | A8A3A9A2S2 | 549-6025-002 | 13499 | | A8A4A6MP52 |
| 549-5890-003 | 13499 | 3-24 | A8A3A9A2 | 549-5950-004 | 13499 | | A8A3A9A3S3 | 549-6028-002 | 13499 | | A8A4A6HP53 |
| 549-5890-003 | 13499 | 3-28 | A8A3A9A3E3 | 549-5951-014 | 13499 | | A8A3A3S9 | 549-6028-002 | 13499 | | A8A4A6MP54 |
| 549-5893-003 | 13499 | | A8A3MP38 | 549-5952-000 | 13499 | | A8A3A5MP4 | 549-6029-0C2 | 13499 | | A8A4A6AMP1 |
| 549-5908-003 | 13499 | 3-10 | A8A3A13 | 549-5953-004 | 13499 | | A8A3A6M6 | 549-6029-002 | 13499 | | A8A4A6A2MP1 |
| 549-5921-003 | 13499 | | A8A3A5 | 549-5959-004 | 13499 | 3-10 | A8A3A9 | 549-6030-002 | 13499 | | A8A4A6MP38 |
| 549-5922-003 | 13499 | | A8A3A6 | 549-5972-002 | 13499 | 3-41 | A8A3L1 | 549-6033-002 | 13499 | | A8A4A6A4MP2 |
| 549-5924-003 | 13499 | 3-24 | A8A3A9A1 | 549-5972-002 | 13499 | 3-41 | A8A3L2 | 549-6034-002 | 13499 | | A8A4A6MP37 |
| 549-5925-003 | 13499 | 3-24 | A8A39A.2 | 549-5972-002 | 13499 | 3-41 | A8A3L3 | 549-6035-002 | 13499 | | A8A4A6A6MP1 |
| 549-5926-003 | 13499 | 3-24 | A8A3A9A3 | 549-5982-003 | 13499 | 3-37 | A8A3E46E1 | 549-6036-002 | 13499 | | A8A4A6MP40 |
| 549-5927-003 | 13499 | 3-10 | A8A3A10 | 549-5984-003 | 13499 | 3-10 | A8A3E46 | 549-6037-002 | 13499 | | A8A4A6MP41 |
| 549-5928-003 | 13499 | 3-10 | A8A3A11 | 549-5995-004 | 13499 | 3-38 | A8A3E47E1 | 549-6038-002 | 13499 | | A8A4A6A4MP1 |
| 549-5931-003 | 13499 | 3-29 | A8A3A10L47 | 549-5996-004 | 13499 | 3-9 | A8A3E47 | | | | |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| 549-6039-002 | 13499 | | A8A4A6A6 | 549-6074-002 | 13499 | | A8A4J5H5 | 549-6102-002 | 13499 | | A8A4MP91 |
| 549-6040-002 | 13499 | | A8A4A6A5MP1 | 549-6074-002 | 13499 | | A8A4J6H5 | 549-6103-002 | 13499 | | A8A4A6E1 |
| 549-6041-002 | 13499 | | A8A4A6A2MP6 | 549-6074-002 | 13499 | | A8A4J6H6 | 549-6104-002 | 13499 | | A8A4A6E2 |
| 549-6042-002 | 13499 | | A8A4A6A1MP2 | 549-6074-002 | 13499 | | A8A4J7H4 | 549-6104-002 | 13499 | | A8A4A6A3 |
| 549-6043-002 | 13499 | | A8A4A6A2MP2 | 549-6074-002 | 13499 | | A8A4J7H5 | 549-6105-002 | 13499 | | A8A4A5 |
| 549-6044-002 | 13499 | | A8A4A6MP63 | 549-6074-002 | 13499 | | A8A4J8H5 | 549-6109-003 | 13499 | | A8A4MP26 |
| 549-6045-002 | 13499 | | A8A4A6A1 | 549-6074-002 | 13499 | | A8A4J8H6 | 549-6113-003 | 13499 | | A8A4A6A7A1 |
| 549-6046-002 | 13499 | | A8A4A6A5 | 549-6075-002 | 13499 | | A8A4A6A9MP1 | 549-6114-003 | 13499 | | A8A4A6E5 |
| 549-6047-002 | 13499 | | A8A4A6A2 | 549-6076-002 | 13499 | | A8A4A6MP55 | 549-6115-004 | 13499 | | A8A4MP19 |
| 549-6047-002 | 13499 | | A8A4A6MP61 | 549-6076-002 | 13499 | | A8A4A6MP56 | 549-6116-004 | 13499 | | A8A4A6A7 |
| 549-6049-002 | 13499 | | A8A4A6S8 | 549-6076-002 | 13499 | | A8A4A6MP57 | 549-6117-004 | 13499 | | A8A4A6AMP1 |
| 549-6049-002 | 13499 | | A8A4A6MP29 | 549-6077-002 | 13499 | | A8A4A6MP48 | 549-6118-004 | 13499 | | A8A4A6A12 |
| 549-6050-002 | 13499 | | A8A4A6 | 549-6077-002 | 13499 | | A8A4A6MP49 | 549-6121-002 | 13499 | | A8A4A6MP36 |
| 549-6051-002 | 13499 | | A8A4A6A7MP10 | 549-6077-002 | 13499 | | A8A4A6MP50 | 549-6122-005 | 13499 | | A8A4A6A8 |
| 549-6051-002 | 13499 | | A8A4A6A7MP6 | 549-6078-002 | 13499 | | A8A4A6MP44 | 549-6124-002 | 13499 | | A8A4MP45 |
| 549-6051-002 | 13499 | | A8A4A6A7MP7 | 549-6079-002 | 13499 | | A8A4A6MP45 | 549-6126-002 | 13499 | | A8A4A15 |
| 549-6051-002 | 13499 | | A8A4A6A7MP8 | 549-6080-002 | 13499 | | A8A4A6A9 | 549-6129-002 | 13499 | | A8A4MP36 |
| 549-6051-002 | 13499 | | A8A4A6A7MP9 | 549-6081-002 | 13499 | | A8A4A6MP58 | 549-6135-002 | 13499 | | A8A4MP54 |
| 549-6052-002 | 13499 | | A8A4A6MP39 | 549-6081-002 | 13499 | | A8A4A6MP59 | 549-6136-002 | 13499 | | A8A4MP30 |
| 549-6053-002 | 13499 | | A8A4A6A7MP14 | 549-6081-002 | 13499 | | A8A4A6MP60 | 549-6137-002 | 13499 | | A8A4MP24 |
| 549-6054-002 | 13499 | | A8A4A6MP64 | 519-6082-002 | 13499 | | A8A4A6A10 | 549-6138-002 | 13499 | | A8A4E55 |
| 549-6055-002 | 13499 | | A8A4A6A4 | 549-6085-002 | 13499 | | A8A4A6A10MP1 | 549-6138-002 | 13499 | | A8A4E56 |
| 549-6056-002 | 13499 | | A8A4A6A8MP4 | 549-6085-002 | 13499 | | A8A4A6A11MP1 | 549-6138-002 | 13499 | | A8A4E57 |
| 549-6056-002 | 13499 | | A8A4A6A8MP5 | 549-6086-002 | 13499 | | A8A4A6A11 | 549-6139-002 | 13499 | | A8A4A2MP1 |
| 549-6056-002 | 13499 | | A8A4A6A8MP6 | 549-6087-002 | 13499 | | A8A4A6MP46 | 549-6139-002 | 13499 | | A8A4A2MP2 |
| 549-6058-002 | 13499 | | A8A4A6A7P111 | 549-6087-002 | 13499 | | A8A4A6MP47 | 549-6140-002 | 13499 | | A8A4A2MP3 |
| 549-6060-002 | 13499 | | A8A4A6MP42 | 549-6089-002 | 13499 | | A8A4A6MP18 | 549-6141-002 | 13499 | | A8A4A2 |
| 549-6061-002 | 13499 | | A8A4A6A8MP7 | 549-6089-002 | 13499 | | A8A4A6MP19 | 549-6142-002 | 13499 | | A8A4E22 |
| 549-6065-002 | 13499 | | A8A4A6MP62 | 549-6090-002 | 13499 | | A8A4A6MP30 | 549-6142-002 | 13499 | | A8A4E23 |
| 549-6066-002 | 13499 | | A8A4A6MP63 | 549-6090-002 | 13499 | | A8A4A6P31 | 549-6143-002 | 13499 | | A8A4MP40 |
| 549-6070-002 | 13499 | | A8A4A6A12MP2 | 549-6091-002 | 13499 | | A8A4A6MP35 | 549-6143-002 | 13499 | | A8A4MP41 |
| 549-6074-002 | 13499 | | A8A4J10H5 | 549-6092-002 | 13499 | | A8A4A6A3MP1 | 549-6144-002 | 13499 | | A8A4MP46 |
| 549-6074-002 | 13499 | | A8A4J10H6 | 549-6093-002 | 13499 | | A8A4A5MP1 | 549-6145-002 | 13499 | | A8A4L110H2 |
| 549-6074-002 | 13499 | | A8A4J10H5 | 549-6094-002 | 13499 | | A8A4A8AMP3 | 549-6145-002 | 13499 | | A8A4L111H2 |
| 549-6074-002 | 13499 | | A8A4J10H6 | 549-6094-002 | 13499 | | A8A4A6A3MP3 | 549-6148-002 | 13499 | | A8A4E14 |
| 549-6074-02 | 13499 | | A8A4J11H5 | 549-6100-002 | 13499 | | A8A4A6MP20 | 549-6148-002 | 13499 | | A8A4E15 |
| 549-6074-002 | 13499 | | A8A4J11H6 | 549-6101-002 | 13499 | | A8A4A6MP21 | 549-6148-002 | 13499 | | A8A4E16 |
| 549-6074-002 | 13499 | | A8A4J5H4 | 549-6102-002 | 13499 | | A8A4MP90 | 549-6148-002 | 13499 | | A8A4E17 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | REF NO. | MFG CO. | | | FIG NO. | REF NO. | | | MFG CO. | FIG NO. | |
| 549-6148-002 | 13499 | | A8A4E18 | 549-6163-002 | 13499 | | A8A4L12E7 | 549-6221-003 | 13499 | | A8A4AHP1 |
| 549-6148-002 | 13499 | | A8A4E19 | 549-6164-002 | 13499 | | A8A4E29 | 549-6223-003 | 13499 | | A8A4A16E1 |
| 549-6149-002 | 13499 | | A8A4MP84 | 549-6164-002 | 13499 | | A8A4E30 | 549-6224-002 | 13499 | | A8A4A6A7A3KP1 |
| 549-6152-002 | 13499 | | A8A4L109MP8 | 549-6164-002 | 13499 | | A8A4E31 | 549-6224-002 | 13499 | | A8A4A6A7A4MP1 |
| 549-6153-002 | 13499 | | A8A4L109E1 | 549-6164-002 | 13499 | | A8A4E32 | 549-6225-002 | 13499 | | A8A4A6A7A3 |
| 549-6153-002 | 13499 | | A8A4L109E2 | 549-6167-002 | 13499 | | A8A4MP10 | 549-6225-002 | 13499 | | A8A4A6A7A4 |
| 549-6153-002 | 13499 | | A8A4L110E1 | 549-6167-002 | 13499 | | A8A4MP11 | 549-6227-000 | 13499 | 3-67 | A8A4w1 |
| 549-6153-002 | 13499 | | A8A4L110E2 | 549-6171-002 | 13499 | | A8A4L109A1 | 549-6229-003 | 13499 | | A8A4A7 |
| 549-6153-002 | 13499 | | A8A4L111E1 | 549-6172-002 | 13499 | | A8A4L111MP1 | 549-6230-004 | 13499 | | A8A4A1 |
| 549-6153-002 | 13499 | | A8A4L111E2 | 549-6173-002 | 13499 | | A8A4E24 | 549-6231-004 | 13499 | | A8A4MP18 |
| 549-6153-002 | 13499 | | A8A4L112E1 | 549-6174-002 | 13499 | | A8A4E131 | 549-6232-004 | 13499 | | A8A4A16 |
| 549-6153-002 | 13499 | | A8A4L112E2 | 549-6175-002 | 13499 | | A8A4L112MP1 | 549-6234-003 | 13499 | | A8A4MP12 |
| 549-6154-002 | 13499 | | A8A4L109E4 | 549-6176-002 | 13499 | | A8A4L110MP1 | 549-6242-002 | 13499 | | A2MP4 |
| 549-6154-002 | 13499 | | A8A4L109E5 | 549-6177-002 | 13499 | | A8A4E25 | 549-6244-002 | 13499 | | A2J1H2 |
| 549-6154-002 | 13499 | | A8A4L110E4 | 549-6177-002 | 13499 | | A8A4E26 | 549-6244-002 | 13499 | | A2J2H3 |
| 549-6154-002 | 13499 | | A8A4L110E5 | 549-6177-002 | 13499 | | A8A4E27 | 549-6245-002 | 13499 | | A2J1 |
| 549-6154-002 | 13499 | | A8A4L111E4 | 549-6177-002 | 13499 | | A8A4E28 | 549-6245-002 | 13499 | | A2J2 |
| 549-6154-002 | 13499 | | A8A4L111E5 | 549-6178-002 | 13499 | | A8A4L109MP4 | 549-6246-002 | 13499 | | A2ALP1H1 |
| 549-6154-002 | 13499 | | A8A4L112E4 | 549-6178-002 | 13499 | | A8A4L112MP2 | 549-6246-002 | 13499 | | A2A12MH1 |
| 549-6154-002 | 13499 | | A8A4L112E5 | 549-6185-002 | 13499 | | A8A4MP34 | 549-6247-002 | 13499 | | A2A1 |
| 549-6155-002 | 13499 | | A8A4MP27 | 549-6189-002 | 13499 | | A8A4MP42 | 549-6247-002 | 13499 | | A2A2 |
| 549-6156-002 | 13499 | | A8A4MP32 | 549-6190-002 | 13499 | | A8A4MP44 | 549-6250-003 | 13499 | | A2MP2 |
| 549-6156-002 | 13499 | | A8A4MP33 | 549-6191-002 | 13499 | | A8A4A7MP1 | 549-6252-003 | 13499 | | A2P81 |
| 549-6157-002 | 13499 | | A8A4L109A1MP1 | 549-6193-002 | 13499 | | A8A4A7A1E1 | 549-6254-004 | 13499 | | A8A4AA6A7A1M |
| 549-6158-002 | 13499 | | A8A4L111MP2 | 549-6194-002 | 13499 | | A8A4A7A1 | 549-6277-000 | 13499 | | A6 |
| 549-6159-002 | 13499 | | A8A4L1110MP3 | 549-6195-002 | 13499 | | A8A4MP60 | 549-6278-002 | 13499 | | A6A1MP1 |
| 549-6159-002 | 13499 | | A8A4L11MP6 | 549-6196-002 | 13499 | | A8A4MP35 | 549-6278-002 | 13499 | | A6A2MP1 |
| 549-6160-002 | 13499 | | A8A4L109MP7 | 549-6197-002 | 13499 | | A8A4A16MP7 | 549-6279-002 | 13499 | | A6MP7 |
| 549-6160-002 | 13499 | | A8A4L112MP5 | 549-6198-002 | 13499 | | A8A4A116L104-R110 | 549-6280-002 | 13499 | | A6MP5 |
| 549-6162-002 | 13499 | | A8A4L109A1MP3 | 549-6205-003 | 13499 | | A864A15E1 | 549-6280-002 | 13499 | | A6MP6 |
| 549-6162-002 | 13499 | | A8A4L111MP4 | 549-6210-003 | 13499 | 3-67 | A8A4TB4 | 549-6281-002 | 13499 | | A6A1 |
| 549-6163-002 | 13499 | | A8A4L109E6 | 549-6211-003 | 13499 | | A8A4E33 | 549-6281-002 | 13499 | | A6A2 |
| 549-6163-002 | 13499 | | A8A4L109E7 | 549-6212-003 | 13499 | 3-64 | A8A4L111 | 549-6282-002 | 13499 | | A6MP10 |
| 549-6163-002 | 13499 | | AA4L1110E6 | 549-6213-003 | 13499 | 3-64 | A8A4L110 | 549-6287-002 | 13499 | | A6A3MP11 |
| 549-6163-002 | 13499 | | A8A4L110E7 | 549-6214-003 | 13499 | 3-65 | A8A4L112 | 549-6289-003 | 13499 | | A6A3MP2 |
| 549-6163-002 | 13499 | | A8A4L111E6 | 549-6215-003 | 13499 | 3-65 | A8A4L109 | 549-6390-003 | 13499 | | A85ATB1E1 |
| 549-6163-002 | 13499 | | A8A4L111E7 | 549-6217-003 | 13499 | | A8A4MP55 | 549-6391-003 | 13499 | 3-67 | A8A4TB1 |
| 549-6163-002 | 13499 | | A8A4L112E6 | 549-6219-003 | 13499 | | A8A4A4A1 | 549-6292-003 | 13499 | | A6A4 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | REF NO. | MFG CO. | | | FIG NO. | REF NO. | | | MFG CO. | FIG NO. | |
| 549-6293-004 | 13499 | | A6A3 | 549-6486-002 | 13499 | | A7A2MP3 | 553-5032-003 | 13499 | | A8A3H9 |
| 549-6394-003 | 13499 | | A8A4TB6E1 | 549-6486-002 | 13499 | | A7A2MP4 | 553-6279-002 | 13499 | | A8A4FL2E1 |
| 549-6395-003 | 13499 | 3-67 | A8A4TB6 | 549-6487-002 | 13499 | | A7ALMP5 | 553-6300-004 | 13499 | | A8A4FL2E2 |
| 549-6398-002 | 13499 | | A8A8H4 | 549-6487-002 | 13499 | | A7A1MP6 | 553-6325-002 | 13499 | 3-67 | A8A4L4 |
| 549-6404-004 | 13499 | 3-20 | A8A2A1 | 549-6487-002 | 13499 | | A7A2AP5 | 553-6329-003 | 13499 | | A8A4A6A8MP3 |
| 549-6406-004 | 13499 | 3-11 | A8A5A1 | 549-6487-002 | 13499 | | A7A2MP6 | 553-6330-004 | 13499 | 3-67 | A8A4FL2 |
| 549-6411-003 | 13499 | | A8A2MP2 | 549-6489-002 | 13499 | | A3P1H1 | 553-9271-003 | 13499 | | A8A4MP13 |
| 549-6412-003 | 13499 | | A8A2MP1 | 549-6490-002 | 13499 | | A3MP2 | 553-9312-003 | 13499 | 3-56 | A8A7TB171 |
| 549-6475-002 | 13499 | | A7A1A1 | 549-6491-002 | 13499 | | A3MP3 | 553-9312-003 | 13499 | 3-56 | A8A7TB173 |
| 549-6475-002 | 13499 | | A7A1A2 | 549-6493-003 | 13499 | | A3MP1 | 553-9313-003 | 13499 | 3-56 | A8A7TB172 |
| 549-6475-002 | 13499 | | A7A2A1 | 549-6494-003 | 13499 | | A7A1 | 553-9313-003 | 13499 | 3-56 | A8A7TB174 |
| 549-6475-002 | 13499 | | A7A2A2 | 549-6494-003 | 13499 | | A7A2 | 553-9315-004 | 13499 | 3-56 | A8A7TB1E1 |
| 549-6476-002 | 13499 | | A7A1A1MP2 | 549-6495-004 | 13499 | 1-7 | A7MP1 | 553-9316-004 | 13499 | 3-15 | A8A7TB1 |
| 549-6476-002 | 13499 | | A7A1A2MP2 | 549-6521-003 | 13499 | | A8A3TB2 | 553-9321-002 | 13499 | | A8A3E8 |
| 549-6476-002 | 13499 | | A7A2A1MP2 | 549-6522-003 | 13499 | 3-10 | A8A3TB1 | 553-9321-002 | 13499 | | A8A3E9 |
| 549-6476-002 | 13499 | | A7A2A2MP2 | 549-6523-003 | 13499 | | A8A3E7 | 553-9357-002 | 13499 | | A8A7A1A1MP1 |
| 549-6477-002 | 13499 | | A7A1E1 | 549-6525-003 | 13499 | | A8A3MP15 | 553-9716-003 | 13499 | | A8A5TB1MP1 |
| 549-6477-002 | 13499 | | A7A2E1 | 549-6527-004 | 13499 | 3-22 | A8A3TB1E1 | 553-9717-004 | 13499 | 3-50 | A8A5TB1 |
| 549-6478-002 | 13499 | | A7A1MP7 | 549-6529-004 | 13499 | 3-23 | A8A3TB2E1 | 553-9731-002 | 13499 | | A8A4MP43 |
| 549-6478-002 | 13499 | | A7A2MP7 | 549-6598-002 | 13499 | | A8A3A3 | 553-9732-002 | 13499 | | A8A4A6A13H1 |
| 549-6479-002 | 13499 | | A7A1MP8 | 549-6601-003 | 13499 | | A8A3MP26 | 553-9735-002 | 13499 | | A8A4A6A13MP4 |
| 549-6479-002 | 13499 | | A7A2MP8 | 549-6644-002 | 13499 | | A8A4MP31 | 553-9736-002 | 13499 | | A8A4A6A13MP3 |
| 549-6480-002 | 13499 | | A7A1A1MP3 | 549-6654-002 | 13499 | | A8MP1 | 553-9737-003 | 13499 | | A8A4A6A13 |
| 549-6480-002 | 13499 | | A7A1A2MP3 | 549-6656-003 | 13499 | | A8MP8 | 553-9748-002 | 13499 | | A8A3MP16 |
| 549-6480-002 | 13499 | | A7A2AMP3 | 549-6658-00004 | 13499 | | A8A8MP5 | 553-9748-002 | 13499 | | A8A3MP17 |
| 549-6480-002 | 13499 | | A7A2A2MP3 | 553-2413-003 | 13499 | | A8A4A16MP2 | 553-9750-003 | 13499 | 3-67 | A8A4TB8 |
| 549-6482-002 | 13499 | | A7A1MP1 | 553-5002-003 | 13499 | | A8A8H2 | 553-9750-004 | 13499 | 3-67 | A8A4TB9 |
| 549-6482-002 | 13499 | | A7A1362 | 553-5004-003 | 13499 | | A8A8H4 | 553-9750-005 | 13499 | 3-67 | A8A4TB1 |
| 549-6482-002 | 13499 | | A7A2MP1 | 553-5029-003 | 13499 | | A8A4MP43H1 | 553-9773-002 | 13499 | | A8A4MP53 |
| 549-6482-002 | 13499 | | A7A2MP2 | 553-5032-003 | 13499 | | A8A3H10 | 553-9786-003 | 13499 | | A8A3A2MP2 |
| 549-6483-002 | 13499 | | A7A2MP9 | 553-5032-003 | 13499 | | A8A3H11 | 553-9806-002 | 13499 | | A6A1A1MP1 |
| 549-6483-002 | 13499 | | A7A2MP9 | 553-5032-003 | 13499 | | A8A3H12 | 553-9806-002 | 13499 | | A6A2A1MP1 |
| 549-6484-002 | 13499 | | A7A1MP10 | 553-5032-003 | 13499 | | A8A3H13 | 553-9806-002 | 13499 | | A6A3A2MP1 |
| 549-6484-002 | 13499 | | A7A1MP11 | 553-5032-003 | 13499 | | A8A3H14 | 553-9806-002 | 13499 | | A6A3A2MP1 |
| 549-6484-002 | 13499 | | A7A2MP10 | 553-5032-003 | 13499 | | A8A3H15 | 553-9807-002 | 13499 | | A6A3A1MP2 |
| 549-6484-002 | 13499 | | A7A2MP11 | 553-5032-003 | 13499 | | A8A3H16 | 553-9807-002 | 13499 | | A6A3A2MP2 |
| 549-6486-002 | 13499 | | A7A1MP3 | 553-5032-003 | 13499 | | A8A3H17 | 553-9808-002 | 13499 | | A6A1A1MP2 |
| 549-6486-002 | 13499 | | A7A1MP4 | 553-5032-003 | 13499 | | A8A3H18 | 553-9808-002 | 13499 | | A6A2A1MP2 |

**SECTION IV. INDEX-FEDERAL STOCK NUMBER & REFERENCE NUMBER CROSS-REFERENCE
TO FIGURE & ITEM NUMBER (Continued)**

| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | REF NO. | MFG CO. | | | FIG NO. | REF NO. | | | MFG CO. | FIG NO. | |
| 553-9809-003 | 13499 | | A6A3A1 | 57-3510 | 78488 | 3-9 | A8A3E6 | 6S8083 | 56289 | 3-38 | A8A3E47C160 |
| 553-9809-003 | 13499 | | A6A3A2 | 59-410-1003 | 02660 | 3-40 | A8A3XV3 | 6S8083 | 56289 | 3-38 | A8A3E47C161 |
| 553-9810-003 | 13499 | | A6A1A1 | 59-7159 | 11707 | | A8A1M101 | 6S8083 | 56289 | 3-38 | A8A3E47C177 |
| 553-9810-003 | 13499 | | A6A2A1 | 6-4011-4 6SPLINE 416657 | 08664 | | A8A4A6MP44H1 | 6S8083 | 56289 | 3-38 | A8A3E47C178 |
| 554-7047-002 | 13499 | | A5A1E1 | 6L2FF | 96881 | | A8A4MP1 | 6S8083 | 56289 | 3-38 | A8A3E47C183 |
| 554-7048-002 | 13499 | | A5A1MP2 | 6L2FF | 96881 | | A8A4MP2 | 6S8083 | 56289 | 3-39 | A8A3E48C166 |
| 554-7049-002 | 13499 | | A5MP4 | 6L2FF | 96881 | | A8A4MP3 | 6S8083 | 56289 | 3-39 | A8A3E48C171 |
| 554-7050-002 | 13499 | | A5A1 | 6L2FF | 96881 | | A8A4MP4 | 6S8083 | 56289 | 3-39 | A8A3E48C173 |
| 554-7051-002 | 13499 | | A5H4 | 6L2FF | 96881 | | A8A4MP5 | 6S8083 | 56289 | 3-39 | A8A3E48C182 |
| 554-7052-003 | 13499 | | A5E3 | 6L2FF | 96881 | | A8A4MP6 | 6S8083 | 56289 | 3-54 | A8A7E1C11 |
| 557-018-8-05E | 72982 | 3-58 | A8A7E5C72 | 6S8082 | 56289 | 3-20 | A8A2E1C1 | 6S8083 | 56289 | 3-54 | A8A7E1C18 |
| 557-018-8-50E | 72982 | 3-58 | A8A7E5C74 | 6S8082 | 56289 | 3-20 | A8A2E134 | 6S8083 | 56289 | 3-54 | A8A7E1C5 |
| 557-018-8-50E | 72982 | 3-58 | A8A7E5C76 | 6S8082 | 56289 | 3-54 | A8A7E1C1 | 6S8083 | 56289 | 3-55 | A8A7E2C23 |
| 557-018-8-50E | 72982 | 3-58 | A8A7E5C78 | 6S8082 | 56289 | 3-54 | A8A7E1C10 | 6S8083 | 56289 | 3-55 | A857E2C25 |
| 557-018-8-50E | 72982 | 3-58 | A8A7E5C80 | 6S8082 | 56289 | 3-54 | A8A7E1C19 | 6S8083 | 56289 | 3-55 | A8A7E2C29 |
| 557-018-8-50E | 72982 | 3-58 | A8A7E5C82 | 6S8082 | 56289 | 3-54 | A8A7E1C7 | 6S8083 | 56289 | 3-55 | A87E2C32 |
| 557-018-8-50E | 72982 | 3-58 | A8A7E5C84 | 6S8082 | 56289 | 3-54 | A8A7E1C8 | 6S8083 | 56289 | 3-55 | A8A7E2C35 |
| 557-018-8-50E | 72982 | 3-58 | A8A7E5C86 | 6S8082 | 56289 | | A8A7E2C22 | 6S8083 | 56289 | 3-55 | A8A7E2C36 |
| 557-018-8-50E | 72982 | 3-58 | A8A7E5C88 | 6S8082 | 56289 | 3-55 | A8A7E2C30 | 6S8083 | 56289 | 3-57 | A8A7E4C57 |
| 557-018-8-50E | 72982 | 3-58 | A8A7E5C90 | 6S8082 | 56289 | 3-59 | A8A7E6C102 | 6S8083 | 56289 | 3-57 | A8A7E4C59 |
| 557-099-5-25A | 72982 | 3-36 | A8A3A13C266 | 6S8082 | 56289 | 3-59 | A8A7E6C112 | 6S8083 | 56289 | 3-57 | A8A7E4C60 |
| 557-099-5-30E | 72982 | 3-35 | A8A3613C254 | 6S8082 | 56289 | 3-59 | A8A7E6C94 | 6S8083 | 56289 | 3-57 | A8A7E4C63 |
| 557-099-5-30E | 72982 | 3-36 | A8A3A13C256 | 6S8083 | 56289 | 3-17 | A8A1E1C18 | 6S8084 | 56289 | 3-21 | A8A2E3C31 |
| 557-099-5-30E | 72982 | 3-36 | A8A3A13C258 | 6S8083 | 56289 | 3-40 | A8A3C115 | 6S8084 | 56289 | 3-21 | A8A2E5C26 |
| 557-099-5-30E | 72982 | 3-36 | A8A3A13C260 | 6S8083 | 56289 | 3-40 | A8A3C116 | 6S8084 | 56289 | 3-66 | A8A4A1C103 |
| 557-099-5-30E | 72982 | 3-63 | A8A3A13C262 | 6S8083 | 56289 | 3-40 | A8A3C293 | 6S8084 | 56289 | 3-66 | A8A4A1C104 |
| 557-099-5-30E | 72982 | 3-36 | A8A3A13C264 | 6S8083 | 56289 | 3-37 | A8A3E46C247 | 600D1070050DJ5 | 56289 | 3-45 | A8A5C26 |
| 557-099-5-30E | 72982 | 3-54 | A8A7E1C15 | 6S8083 | 56289 | 3-37 | A8A3E46C269 | 600D136F200DG5 | 56259 | 3-50 | A8A5C1 |
| 557-099-8-50E | 72982 | 3-21 | A8A2E3C15 | 6S8083 | 56289 | 3-37 | A8A3E46C272 | 600D476G050ED5 | 56289 | 3-50 | A8A5B25 |
| 557-399-8-50E | 72982 | 3-21 | A8A2E1C17 | 6S8083 | 56289 | 3-37 | A8A3E46C275 | 600D476G050DE5 | 56289 | 3-45 | A8A5C27 |
| 557-099-8-50E | 72982 | 3-36 | A8A3A13C215 | 6S8083 | 56289 | 3-38 | A8A3E47C142 | 600D476G050DE5 | 56289 | 3-15 | A8A5C28 |
| 557-099-8-50E | 72982 | 3-36 | A8A31A13C250 | 6S8083 | 56289 | 3-38 | A8A3E47C143 | 600D476G050DE5 | 56289 | 3-45 | A8A5C29 |
| 557-099-8-50E | 72982 | 3-36 | A8A3613C252 | 6S8083 | 56289 | 3-38 | A8A3E47C150 | 610D105M200BD5 | 56289 | | A81ATB6C1 |
| 57-3540 | 78488 | 3-9 | A8A3E1 | 6S8083 | 56289 | 3-38 | A8A3E470151 | 610D255F100BD5 | 56289 | 3-67 | A8A4C26 |
| 57-3540 | 78488 | 3-9 | A8A3E2 | 6S8083 | 56289 | 3-38 | A8A3E47C154 | 610D255F100BD5 | 56289 | 3-67 | A84AC27 |
| 57-3540 | 78488 | 3-9 | A8A3E3 | 6S8083 | 56289 | 3-38 | A8A3E47C156 | 610D255F100BD5 | 56289 | | A8A4FL2C236 |
| 57-3540 | 78488 | 3-9 | A8A3E4 | 6S8083 | 56289 | 3-38 | A8A3E47C158 | 614B | 57714 | | A8A4A1E1 |
| 57-3540 | 78488 | 3-9 | A8A3E5 | 6S8083 | 56289 | 3-38 | A8A3E47C159 | 678-0084-000 | 13499 | 3-17 | A8A1E1L2 |

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TO FIGURE & ITEM NUMBER (Continued)**

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|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | REF NO. | MFG CO. | | | FIG NO. | REF NO. | | | MFG CO. | FIG NO. | |
| 68NM62 | 72962 | | A6A3MP3H1 | 68-1660-26 | 72962 | | A8A4J7H1 | 68-1660-40 | 72962 | | A8A7P1H2 |
| 6BNM62 | 72962 | | A6A3MP3H2 | 68-1660-26 | 72962 | | A8A4J8H1 | 682268 | 19644 | 3-52 | A8A6E2C1 |
| 68-1660-26 | 72962 | | A8A1P1H1 | 68-1660-26 | 72962 | | A8A2J8H2 | 69003-1183BROWN | 73680 | 3-9 | A8A3A1J1 |
| 68-1660-26 | 72962 | | A8A1P1H2 | 68-1660-26 | 72962 | | A8A4J9H1 | 69003-1183WRANGE | 73680 | 3-9 | ASA3A1J3 |
| 68-1660-26 | 72962 | | A8A2P3H1 | 68-1660-26 | 72962 | | A8A4J9H2 | 69003-1183RED | 73680 | 3-9 | A8A3A1J2 |
| 68-1660-26 | 72962 | | A8A2P3H2 | 68-1660-26 | 72962 | | A8A6E2R1H1 | 69003-1183YELLOW | 73680 | 3-9 | A8A3A1J4 |
| 68-1660-26 | 72962 | | A8A2P4H1 | 68-1660-26 | 72962 | | A8A6E2R1H2 | 72-140-1 | 12615 | 3-66 | A8A4A1A1J1 |
| 68-1660-26 | 72962 | | ASA2P4H2 | 68-1660-26 | 72962 | | A8A6E2R2H1 | 72-140-1 | 12615 | 3-12 | A8A6A1A1J1 |
| 68-1660-26 | 72962 | | A8A3A0S4ELH3 | 68-1660-26 | 72962 | | A8A6E2R2H2 | 72-100-2 | 12615 | 3-66 | A8A4A1A1J2 |
| 68-1660-26 | 72962 | | A8A3A10S4E1H4 | 68-1660-26 | 72962 | | A8A7E5E2H1 | 72-120-2 | 12615 | 3-12 | A8A6A1A1J2 |
| 6-1660-26 | 72962 | | A8A3A11S5E1H3 | 68-1660-26 | 72962 | | A8A7E5E2H2 | 72-120-3 | 12615 | 3-66 | A8A4AA11J3 |
| 68-1660-26 | 72962 | | A8A3A11S5E1H4 | 68-1660-26 | 72962 | | A8A7E5E2H3 | 72-140-3 | 12615 | 3-53 | A8A6A1A1J3 |
| 68-1660-26 | 72962 | | A8A3A112S8E1H1 | 68-1660-26 | 72962 | | A8A7E5E2Hr | 72-140-4 | 12615 | 3-66 | A8A4A1A1J4 |
| 68-1660-26 | 72962 | | A8A3A12S8E1H2 | 68-1660-26 | 72962 | | ASA7E7A2E1H1 | 72-140-4 | 12615 | 3-53 | A8A6A1A1J4 |
| 68-1660-26 | 72962 | | A8A3A4A1H4 | 68-1660-26 | 72962 | | A8A7E7A2E1H2 | 72-140-5 | 12615 | 3-66 | A8A4A1A1J5 |
| 68-1660-26 | 72962 | | A8A3A4A2H4 | 68-1660-26 | 72962 | | A8A7E7A2E2H1 | 72-153BLK | 12615 | 3-11 | A8A5A1J10 |
| 68-1660-26 | 72962 | | A8A3A4H1 | 68-1660-26 | 72962 | | A8A7E7A2E2H2 | 72-153BLU | 12615 | 3-11 | A8A5A1J6 |
| 68-1660-26 | 72962 | | A8A3A9A1S1E1H3 | 68-1660-40 | 72962 | | A8A3A2H2 | 72-153BRN | 12615 | 3-21 | A8A2A1J1 |
| 68-1660-26 | 72962 | | A8A3A9A1S1E1H4 | 68-1660-40 | 72962 | | A8A4K1H1 | 72-153BRN | 12615 | 3-11 | A8A5A1J1 |
| 68-1660-26 | 72962 | | A8A3A9A2S2E1H3 | 68-1660-40 | 72962 | | A8A4K1H2 | 72-153BRN | 12615 | 3-11 | A8A5AJ11 |
| 68-1660-26 | 72962 | | A8A3A9A2S2E1H4 | 68-1660-40 | 72962 | | A8A4K3H1 | 72-153GRA | 12615 | 3-11 | A8A5A1J8 |
| 68-1660-26 | 72962 | | A8A3A9A3S3E1H1 | 68-1660-40 | 72962 | | A8A4K3H2 | 72-153GRN | 12615 | 3-11 | A8A5A1J5 |
| 68-1660-26 | 72962 | | A8A3A9A3S3E1H2 | 68-1660-40 | 72962 | | A8A4A4H1 | 72-153ORN | 12615 | 3-21 | A8A2A1J3 |
| 68-1660-26 | 72962 | | A8A4J1H1 | 68-1660-40 | 72962 | | A8A4K4H2 | 72-153ORN | 12615 | 3-11 | A8A5A1J3 |
| 68-1660-26 | 72962 | | A8A4J1H2 | 68-1660-00 | 72962 | | A8A4K6H1 | 72-153ONN | 12615 | 3-56 | A8A7TB1E1J3 |
| 68-1660-26 | 72962 | | A8A4J10N1 | 68-1660-40 | 72962 | | A8A4K6H2 | 2-153RED | 12615 | 3-20 | A8A2A1J2 |
| 68-1660-26 | 72962 | | A8A4J10H2 | 68-1660-040 | 72962 | | A8A4R8H1 | 72-153RED | a12615 | 3-11 | A8A5A1J2 |
| 68-1660-26 | 72962 | | A8A4J11H1 | 68-1660-40 | 72962 | | A8A4R8H2 | 72-153RED | 12615 | 3-56 | A8A7TB1E1J2 |
| 68-1660-26 | 72962 | | A8A4J11H2 | 68-1660-40 | 72962 | | A8A4T2H1 | 72-153RED | 12615 | 3-11 | A8A5AJ7T |
| 68-1660-26 | 72962 | | A8A4J2H1 | 68-1660-40 | 72962 | | A8A4T2H2 | 72-153WHT | 12615 | 3-11 | A8A5A1J9 |
| 68-1660-26 | 72962 | | A8A4J2H2 | 68-1660-40 | 72962 | | A8A4T3H1 | 72-153YEL | 12615 | 3-21 | A8A5A1J4 |
| 68-1660-26 | 72962 | | A8A4J3H1 | 68-1660-40 | 72962 | | A8A4T3H2 | 72-153YEL | 12615 | 3-11 | A8A5A1J4 |
| 68-1660-26 | 72962 | | A8A4J3H2 | 68-1660-40 | 72962 | | A8A5E3H2 | 7T2-153YEL | 12615 | 3-54 | A8A7TB1E1J4 |
| 68-1660-26 | 72962 | | A8ABJ4H1 | 68-1660-40 | 72962 | | A8A5XC19H1 | 737-4765-000 | 13499 | | A2MP5 |
| 68-1660-26 | 72962 | | A8A4J4H2 | 68-1660-40 | 72962 | | A8A5XC19H2 | 747-4769-000 | 13499 | | A8MP7 |
| 68-1660-26 | 72962 | | A8A4J5H1 | 68-1660-40 | 72962 | | A8A5XC20H1 | 756-0317-003 | 13499 | | A8A7MP7 |
| 68-1660-26 | 72962 | | A8A4J6H1 | 68-1660-40 | 72962 | | A8A7E7A1H2 | 756-0318 -004 | 13499 | | A8A7MP6 |
| 68-1660-26 | 72962 | | A8A4J6H2 | 68-1660-40 | 72962 | | A8A7P1H1 | 756-0482-004 | 13499 | | A8MP4 |

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| FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION | FEDERAL STOCK NUMBER | FIGURE NUMBER | | ITEM NUMBER OR REF. DESIGNATION |
|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|----------------------|---------------|---------|---------------------------------|
| | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | | | MFG CO. | FIG NO. | |
| REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. | REF NO. | MFG CO. | FIG NO. | ITEM NO OR REF DES. |
| 756-2809-001 | 13499 | | CP1 | 772-8458-001 | 13499 | 3-64 | A8A4T101 | | | | |
| 756-3009-002 | 13499 | | A8MP3 | 7761 | 82219 | 3-23 | A8A3TB2V2 | | | | |
| 756-3160-003 | 13499 | 3-41 | A8A315 | 7841 | 72825 | | A3E1 | | | | |
| 756-3164-004 | 13499 | | A8A3A2 | 7841 | 72825 | | A3E2 | | | | |
| 756-3166-003 | 13499 | 3-35 | A8A3A12178 | 7841 | 72825 | | A3E3 | | | | |
| 756-3167-003 | 13499 | 3-35 | A843A12177 | 7841 | 72825 | | A3E4 | | | | |
| 756-3168-005 | 13499 | | A8A3W2 | 7841 | 72825 | | A8A4A6E3 | | | | |
| 756-3172-002 | 13499 | 3-41 | A8A3A2 | 7841 | 72825 | | A8A4A6E4 | | | | |
| 756-3173-002 | 13499 | | A8A3E11 | 7905 | 49956 | 3-9 | A8A3V3 | | | | |
| 756-3174-002 | 13499 | | A8A3A2MP1 | 797-4357-001 | 13499 | | A8MP1 | | | | |
| 756-3175-003 | 13499 | | A8A3E12 | 797-4357-001 | 13499 | | A8MP2 | | | | |
| 756-3176-003 | 13499 | | A8A3E13 | 797-4358-001 | 13499 | | A8MP3 | | | | |
| 756-3177-003 | 13499 | | A8A3E14 | 812FF | 96881 | | A8A4MP7 | | | | |
| 756-4171-002 | 13499 | | A8A7E7A2MP7 | 812FF | 96881 | | A8A4MP8 | | | | |
| 756-4171-002 | 13499 | | A8A7E7A2MP8 | 805-014XV0103Z | 72982 | 3-52 | A8A6E2C11 | | | | |
| 756-4179-003 | 13499 | 3-41 | A8A314 | 850S100N | 71590 | 3-64 | A8A4A16C115 | | | | |
| 756-5247-002 | 13499 | | A8A4A6A10MP3 | 850S20z | 71590 | 3-64 | A8A4A16C111 | | | | |
| 756-7565-002 | 13499 | | A8A4A3 | 850S20Z | 71590 | 3-64 | A8A4A16C120 | | | | |
| 756-7565-002 | 13499 | | A8A4A4 | 850S20Z | 71590 | 3-64 | A8A4A16C121 | | | | |
| 756-7600-004 | 13499 | | A8A7E7A2E3 | 850S40Z | 71590 | 3-64 | A8A4A16C118 | | | | |
| 756-7600-004 | 13499 | | A8A7E7A2E4 | 850S50Z | 71590 | 3-64 | A8A4A16C116 | | | | |
| 756-7602-002 | 13499 | | A8A7ESMP6 | 850S50Z | 71590 | 3-64 | A8A4A16C117 | | | | |
| 756-7606-003 | 13499 | 3-52 | A8A6E2A1 | 88-8TM | 02660 | 3-45 | A8A5XC19 | | | | |
| 756-8606-003 | 13499 | | A8A4MP25 | 88-8TM | 02660 | 3-45 | A8A5XC20 | | | | |
| 757-4763-000 | 13499 | | MP4 | 8942 | 76854 | | A8A7E7A1H4 | | | | |
| 157-1764-000 | 13499 | | A7P1 | 905 | 75543 | | A8A3H2 | | | | |
| 757-4764-000 | 13499 | | A7MP2 | 905 | 75543 | | A8A4H4 | | | | |
| 757-4766-0000 | 13499 | | A3P4 | 905 | 75543 | | A8A4H5 | | | | |
| 757-4767-000 | 13499 | | A8MP5 | 911 | 75543 | | A8A1H6 | | | | |
| 757-4768-00000 | 13499 | | AA8MP3 | 930-0524-00000 | 13499 | 3-45 | ASA5C16 | | | | |
| 757-4768-000 | 13499 | | A8MP6 | 955-0211UJX149 | 77872 | | A5W1 | | | | |
| 761-5006-001 | 13499 | | A8A3A9An1S | 99-012-062-0312 | 72962 | | A8A41109MP5 | | | | |
| 763F2 | 10646 | 3-16 | A8A1R80 | 99-012-062-0312 | 72962 | | A8A41112MP4 | | | | |
| 763F28 | 10646 | 3-17 | ASA1ER1R2 | 99-012-062-0500 | 72962 | | A8A411009MP6 | | | | |
| 763F28 | 10646 | 3-17 | A8A1E1R85 | 99-012-062-0500 | 72962 | | A8A4110MP2 | | | | |
| 763F28 | 10646 | 3-19 | ABA1E3R67 | 99-012-062-0500 | 72962 | | A8A41111MP5 | | | | |
| 763H10 | 10646 | 3-20 | A8A2E2RT1 | 99-012-062-0500 | 72962 | | A8A41112MP3 | | | | |
| 767-0502-000 | 13499 | | A4MP2 | | | | | | | | |

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| A1MP2 | 4 | A3E3H5 | 6 | A4A2 | 7 |
| A2 | 4 | A3E4 | 6 | A5 | 7 |
| A2A1 | 4 | A3E4R1 | 6 | A5A1 | 7 |
| A2A1MP1 | 4 | A3E4H2 | 6 | A5A1E1 | 7 |
| A2A1MP1H1 | 4 | A3E4H3 | 6 | A5A1MP1 | 7 |
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| A3E2H3 | 5 | A4A1E1MP3 | 6 | A6A1A1MP2 | 8 |
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| A3E2H5 | 5 | A4A1E1MP5 | 6 | A6A1MP1 | 8 |
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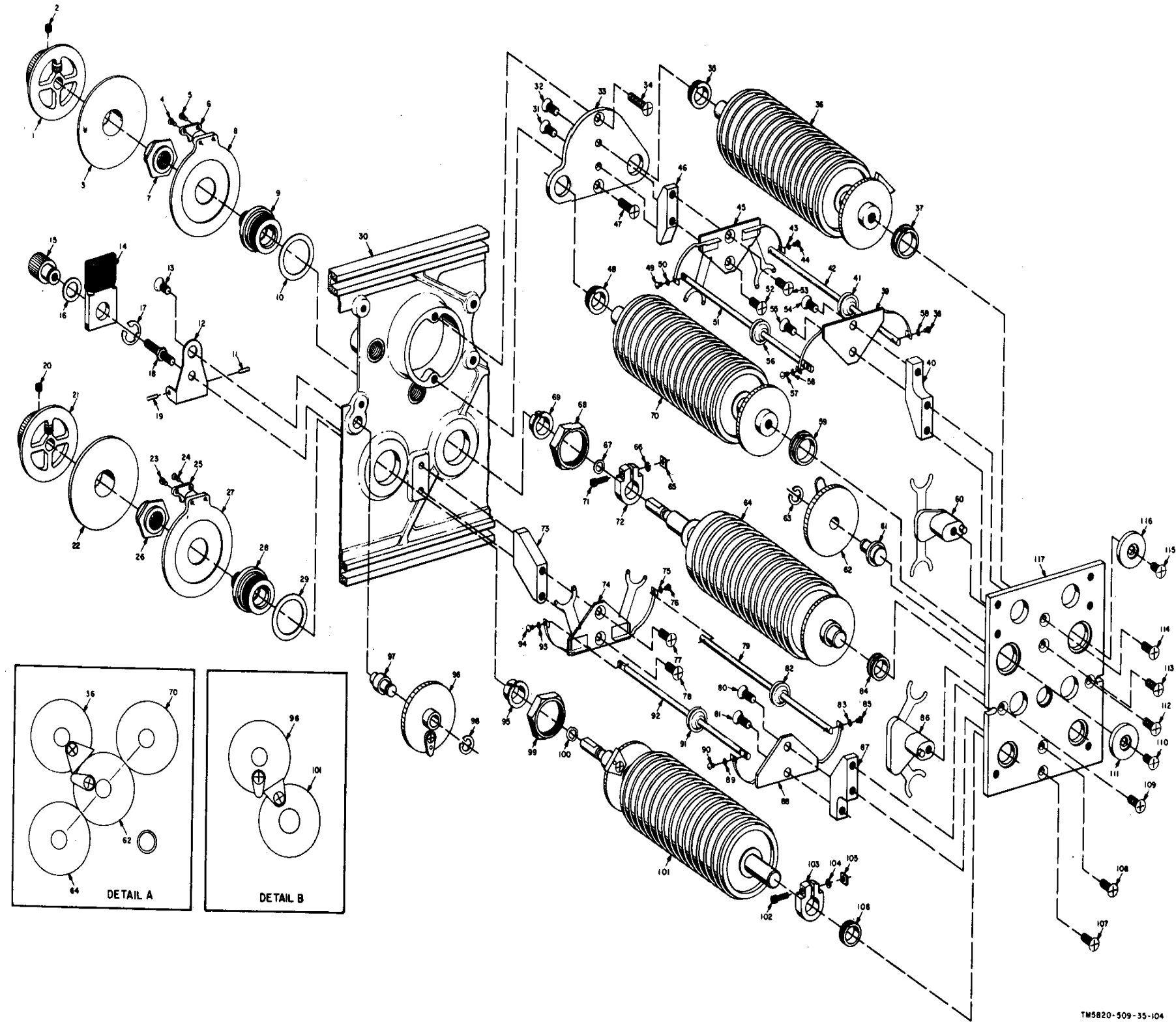
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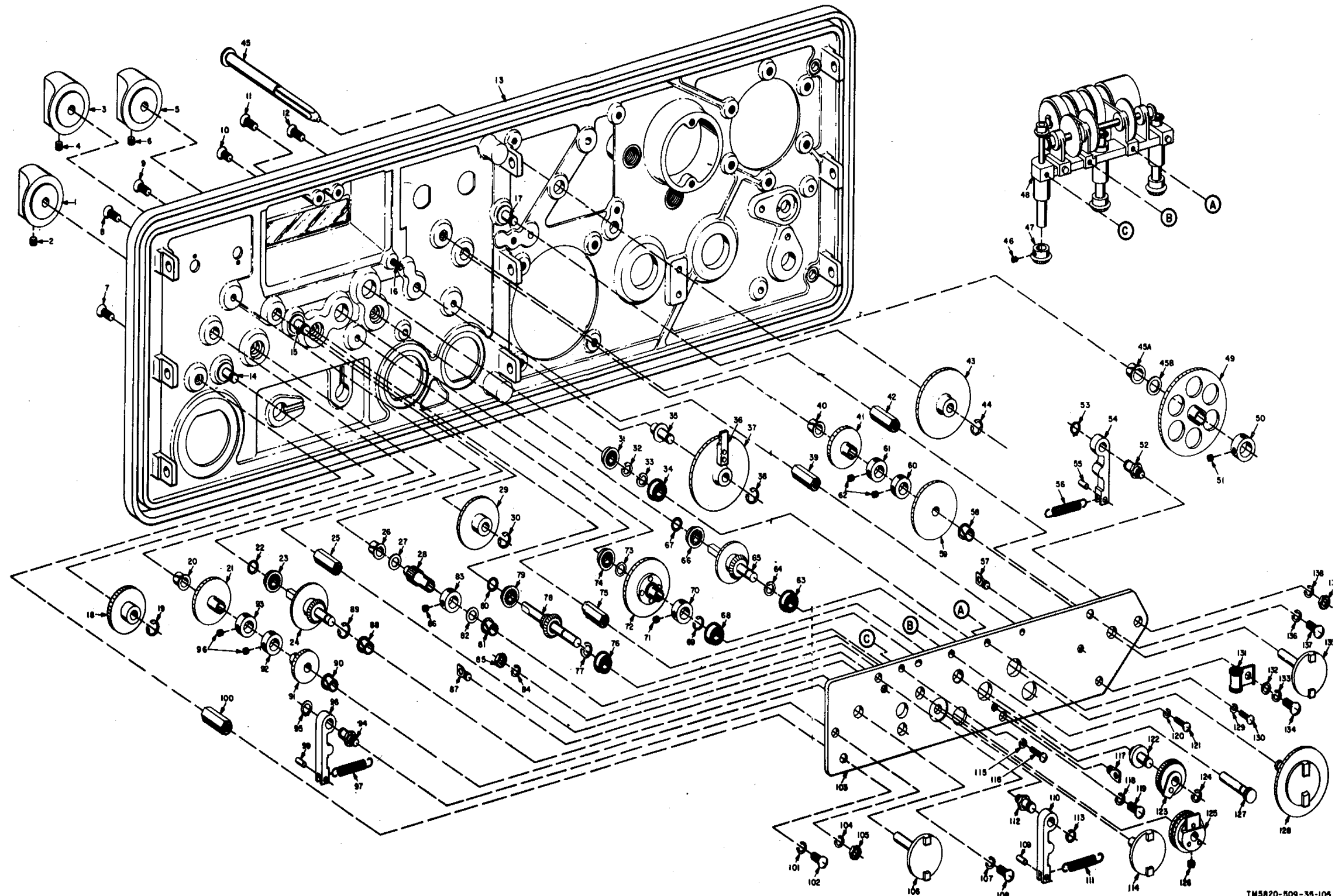


LEGEND FOR FIGURE 3-89

- 1 Knob, vernier drive
- 2 Setscrew, 10-32 x 1/4
- 3 Scale, vernier, primary
- 4 Screw, round head, 1-72 x 1/8
- 5 Screw, round head, 1-72 x 1/8
- 6 Pointer, vernier scale
- 7 Collar, vernier drive shaft
- 8 Scale, vernier, secondary
- 9 Bushing, panel
- 10 Gasket, 13/16 ID x 1-1/32 OD x 0.010 in. thk.
- 11 Pin, grooved, 0.0625 OD x 1/4
- 12 Plate, support, dial lock
- 13 Screw, flat head, 6-32 x 7/16
- 14 Stop, dial
- 15 Knob, LOCK
- 16 Washer, flat, 0.265 ID
- 17 E-ring, 0.180 ID
- 18 Stud, shouldered
- 19 Pin, grooved, 0.0625 OD x 1/4
- 20 Setscrew, 10-32 x 1/4
- 21 Knob, vernier drive
- 22 Scale, vernier, primary
- 23 Screw, round head, 1-72 x 1/8
- 24 Screw, round head, 1-72 x 1/8
- 25 Pointer, vernier scale
- 26 Collar, vernier drive shaft
- 27 Scale, vernier, secondary
- 28 Bushing, panel
- 29 Gasket, 13/16 ID x 1-1/32 OD x 0.010 in. thk.
- 30 Panel, RT-671/PRC-47
- 31 Screw, flat head, 6-32 x 5/16
- 32 Screw, flat head, 6-32 x 5/16
- 33 Meter shield
- 34 Screw, flat head, 4-40 x 1/4
- 35 Bearing, sleeve, nylon
- 36 Inductor, RF no. 1 (L111)
- 37 Bearing, sleeve, nylon
- 38 Screw, round head, 0-80 x 1/8
- 39 Spring Assy, roller, upper
- 40 Mounting block, upper, nylon
- 41 Electrical Contact, roller
- 42 Rod, roller contact
- 43 Washer, lock #0
- 44 Screw, round head, 0-80 x 1/8
- 45 Contact Spring Assy, upper, front
- 46 Mounting block, upper, nylon
- 47 Screw, flat head, 4-40 x 1/4
- 48 Bearing, sleeve, nylon
- 49 Screw, round head, 0-80 x 1/8
- 50 Washer, lock #0
- 51 Rod, roller contact
- 52 Screw, flat head, 6-32 x 1/4
- 53 Screw, flat head, 6-32 x 1/4
- 54 Screw, flat head, 6-32 x 1/4
- 55 Screw, flat head, 6-32 x 1/4
- 56 Electrical Contact, roller
- 57 Screw, round head, 0-80 x 1/8
- 58 Washer, lock #0
- 59 Bearing, sleeve, nylon
- 60 Contact Assy, rear, left side
- 61 Stub shaft, idler
- 62 Gear and Stop Assy, idler
- 63 E-ring, 0.180 ID
- 64 Inductor, RF no. 3 (L112)
- 65 Nut, square, 4-40
- 66 Washer, lock, #4
- 67 Washer, flat
- 68 Nut, hex, 1/4-16
- 69 Bearing, sleeve, nylon
- 70 Inductor, RF no. 2 (L110)
- 71 Screw, collar, 4-40
- 72 Collar, shaft
- 73 Mounting block, lower, nylon
- 74 Contact Spring Assy, lower, front
- 75 Washer, lock, #0
- 76 Screw, round head, 0-80 x 1/8
- 77 Screw, flat head, 6-32 x 1/4
- 78 Screw, flat head, 6-32 x 1/4
- 79 Rod, electrical contact
- 80 Screw, flat head, 6-32 x 1/4
- 81 Screw, flat head, 6-32 x 1/4
- 82 Electrical Contact, roller
- 83 Washer, lock, #0
- 84 Bearing, sleeve, nylon
- 85 Screw, round head, 0-80 x 1/8
- 86 Contact Assy, rear, right side
- 87 Mounting block, lower, nylon
- 88 Spring Assy, roller, lower
- 89 Washer, lock, #0
- 90 Screw, round head, 0-80 x 1/8
- 91 Electrical Contact, roller
- 92 Rod, electrical contact
- 93 Washer, lock, #0
- 94 Screw, round head, 0-80 x 1/8
- 95 Bearing, sleeve, nylon
- 96 Spur Gear, idler
- 97 Stub shaft, idler
- 98 E-ring, 0.180 ID
- 99 Nut, hex, 1/4-16
- 100 Washer, flat
- 101 Inductor, RF Tuning (L109)
- 102 Screw, collar, 4-40
- 103 Collar, shaft
- 104 Washer, lock, #4
- 105 Nut, square, 4-40
- 106 Bearing, sleeve, nylon
- 107 Screw, flat head, 6-32 x 5/16
- 108 Screw, flat head, 6-32 x 5/16
- 109 Screw, flat head, 6-32 x 5/16
- 110 Screw, flat head, 6-32 x 1/4
- 111 Washer, recessed, aluminum, 0.781 OD x 0.203 ID x 0.0035 thk
- 112 Screw, flat head, 6-32 x 5/16
- 113 Screw, flat head, 6-32 x 5/16
- 114 Screw, flat head, 6-32 x 5/16
- 115 Screw, flat head, 6-32 x 1/4
- 116 Washer, recessed, aluminum, 0.781 OD x 0.203 ID x 0.0035 thk
- 117 Plate, gear, rear

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Figure 3-89. Radio Receiver-Transmitter RT-671/PRC-47, Power Amplifier Compartment (A8A4AI) Load-Tune Coil Assembly, Exploded View

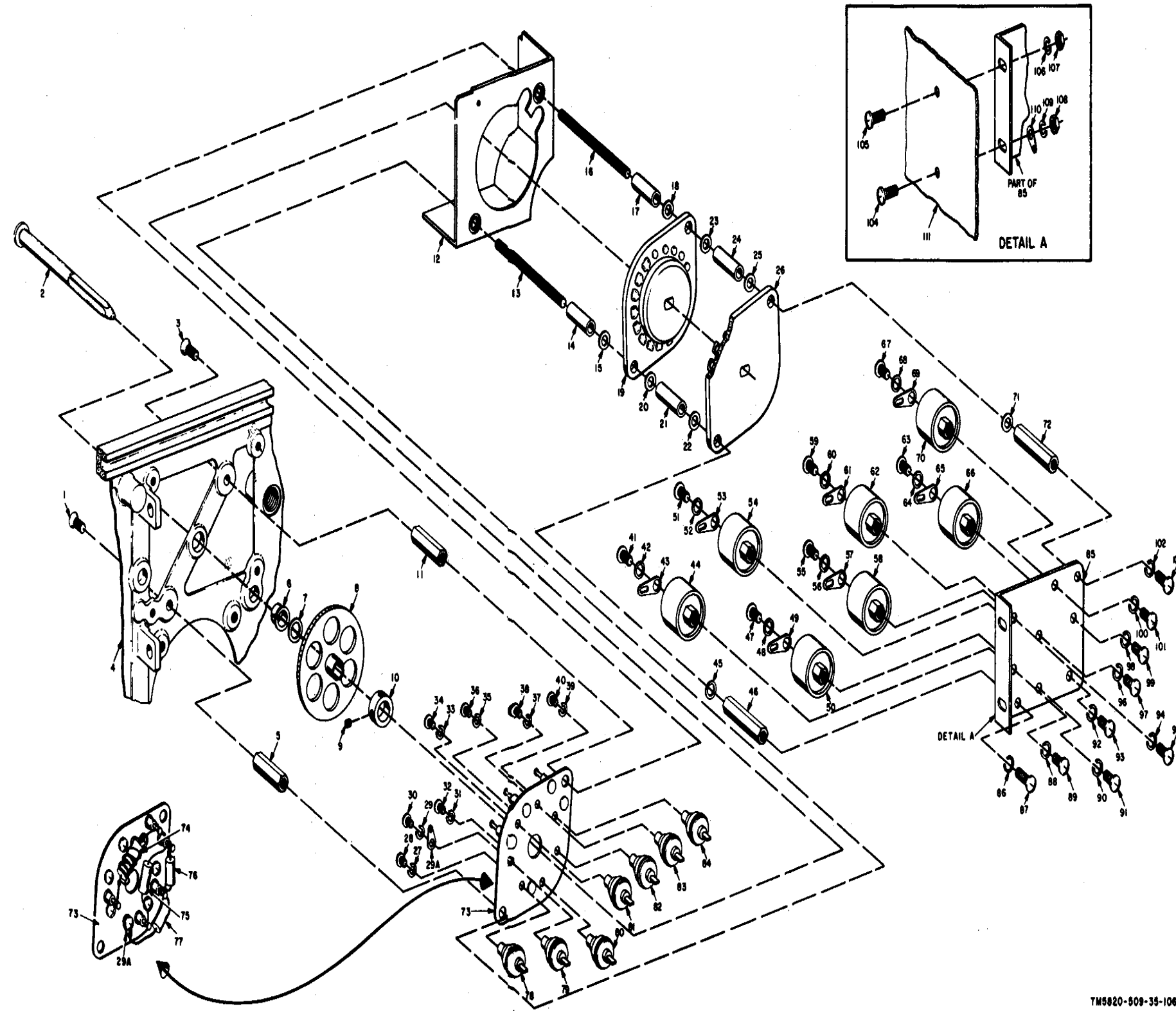


LEGEND FOR FIGURE 3-90

- | | | |
|----------------------------------|------------------------------------|----------------------------------|
| 1 Knob, 1-kHz | 46 Setscrew, 6-32 x 1/8 | 93 Collar, shaft |
| 2 Setscrew, 6-32 x 1/8 | 47 Bevel gear, 1-kHz drive | 94 Post, pivot, pawl |
| 3 Knob, 10- and 100-kHz | 48 Indicator, frequency channel | 95 Ring, snap, external, 0.168 |
| 4 Setscrew, 6-32 x 1/8 | 49 Spur gear, switch drive | 96 Setscrews, 6-32 x 1/8 |
| 5 Knob, 1-MHz | 50 Collar, shaft | 97 Spring, pawl, helical |
| 6 Setscrew, 6-32 x 1/8 | 51 Setscrew, 6-32 x 1/8 | 98 Pawl, 12 pos. no. 1 |
| 7 Screw, flat head, 6-32 x 1/4 | 52 Post, pivot, pawl | 99 Pin, spring, 0.094 x 1/4 |
| 8 Screw, flat head, 6-32 x 1/4 | 53 Ring, snap, external, 0.168 | 100 Nut, sleeve, no. 2 |
| 9 Screw, flat head, 6-32 x 1/4 | 54 Pawl, 12 pos. no. 3 | 101 Washer, lock, #6 |
| 10 Screw, flat head, 6-32 x 5/16 | 55 Pin, spring, 0.094 x 1/4 | 102 Screw, pan head, 6-32 x 3/8 |
| 11 Screw, flat head, 6-32 x 1/4 | 56 Spring, pawl, helical | 103 Plate, gear |
| 12 Screw, flat head, 6-32 x 1/4 | 57 Screw, eye, 6-32 | 104 Washer, lock, #6 |
| 13 Front panel, RT-671/PRC-47 | 58 Bearing, sleeve, nylon | 105 Nut, hex, 6-32 |
| 14 Stub shaft | 59 Detent, spur gear | 106 Coupling-half, Shaft no. 1 |
| 15 Stub shaft | 60 Collar, shaft | 107 Washer, lock, #6 |
| 16 Pin, roll, 0.125 OD x 3/8 | 61 Collar, shaft | 108 Screw, pan head, 6-32 x 3/8 |
| 17 Stub shaft | 62 Setscrew, 6-32 x 1/8 | 109 Pin, spring, 0.094 x 1/4 |
| 18 Spur gear, idler | 63 Bearing, ball, annular | 110 Pawl, 12 pos. no. 2 |
| 19 E-ring, 0.180 ID | 64 C-ring, 0.160 ID | 111 Spring, pawl, helical |
| 20 Bearing, sleeve, nylon | 65 Gear Assy, bevel-spur no. 1 | 112 Post, pivot, pawl |
| 21 Spur gear, no. 2 | 66 Bearing, ball, annular | 113 Ring, snap, external, 0.168 |
| 22 Gasket, O-ring | 67 Gasket, O-ring | 114 Coupling-half, Shaft no. 2 |
| 23 Bearing, ball, annular | 68 Bearing, ball, annular | 115 Washer, lock, #4 |
| 24 Gear Assy, bevel, no. 3 | 69 C-ring, 0.160 ID | 116 Screw, pan head, 4-40 x 5/16 |
| 25 Nut, sleeve, no. 1 | 70 Collar, shaft | 117 Screw, eye, 6-32 |
| 26 Bearing, sleeve, nylon | 71 Setscrew, 6-32 x 1/8 | 118 Washer, lock, #6 |
| 27 Washer, flat, 0.190 ID | 72 Spur gear no. 4 | 119 Screw, pan head, 6-32 x 3/8 |
| 28 Gearshaft, spur | 73 Washer, flat, shim | 120 Washer, lock, #4 |
| 29 Spur gear, idler | 74 Bearing, ball, annular | 121 Screw, pan head, 4-40 x 5/16 |
| 30 E-ring, 0.180 ID | 75 Nut, sleeve, no. 1 | 122 Stub shaft |
| 31 Bearing, ball, annular | 76 Bearing, ball, annular | 123 Gear and Stop Assy, no. 2 |
| 32 C-ring, 0.160 ID | 77 C-ring, 0.160 ID | 124 E-ring, 0.180 ID |
| 33 C-ring, 0.160 ID | 78 Gearshaft Assy, 10- and 100-kHz | 125 Gear and Stop Assy, no. 1 |
| 34 Bearing, ball, annular | 79 Bearing, ball, annular | 126 Setscrew, 6-40 x 1/8 |
| 35 Stub shaft | 80 Gasket, O-ring | 127 Gearshaft, spur no. 2 |
| 36 Gear stop (refer only) | 81 Bearing, sleeve, nylon | 128 Gearshaft-coupler Assy |
| 37 Gear and Stop Assy, idler | 82 Washer, flat, 0.190 ID | 129 Washer, lock, #4 |
| 38 E-ring, 0.180 ID | 83 Collar, shaft | 130 Screw, pan head, 4-40 x 5/16 |
| 39 Nut, sleeve, no. 1 | 84 Washer, lock #6 | 131 Clamp, cable |
| 40 Bearing, sleeve, nylon | 85 Nut, hex, 6-32 | 132 Washer, flat, #6 |
| 41 Spur gear | 86 Setscrew, 8-32 x 1/8 | 133 Washer, lock, #6 |
| 42 Nut, sleeve, no. 2 | 87 Screw, eye, 6-32 | 134 Screw, pan head, 6-32 x 3/8 |
| 43 Spur gear, idler | 88 Bearing, sleeve, nylon | 135 Coupling-half, Shaft no. 3 |
| 44 E-ring, 0.180 ID | 89 E-ring, 0.180 ID | 136 Washer, lock, #6 |
| 45 Shaft, switch, fiber | 90 Bearing, sleeve, nylon | 137 Screw, pan head, 6-32 x 3/8 |
| 45A Bearing, sleeve, nylon | 91 Detent, spur gear | 138 Washer, lock, #6 |
| | 92 Collar, shaft | 139 Nut, hex, 6-32 |

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Figure 3-90 Radio Receiver - Transmitter RT-671/PRC-47. Frequency Selection Mechanism (A8A4.A1) Exploded View.

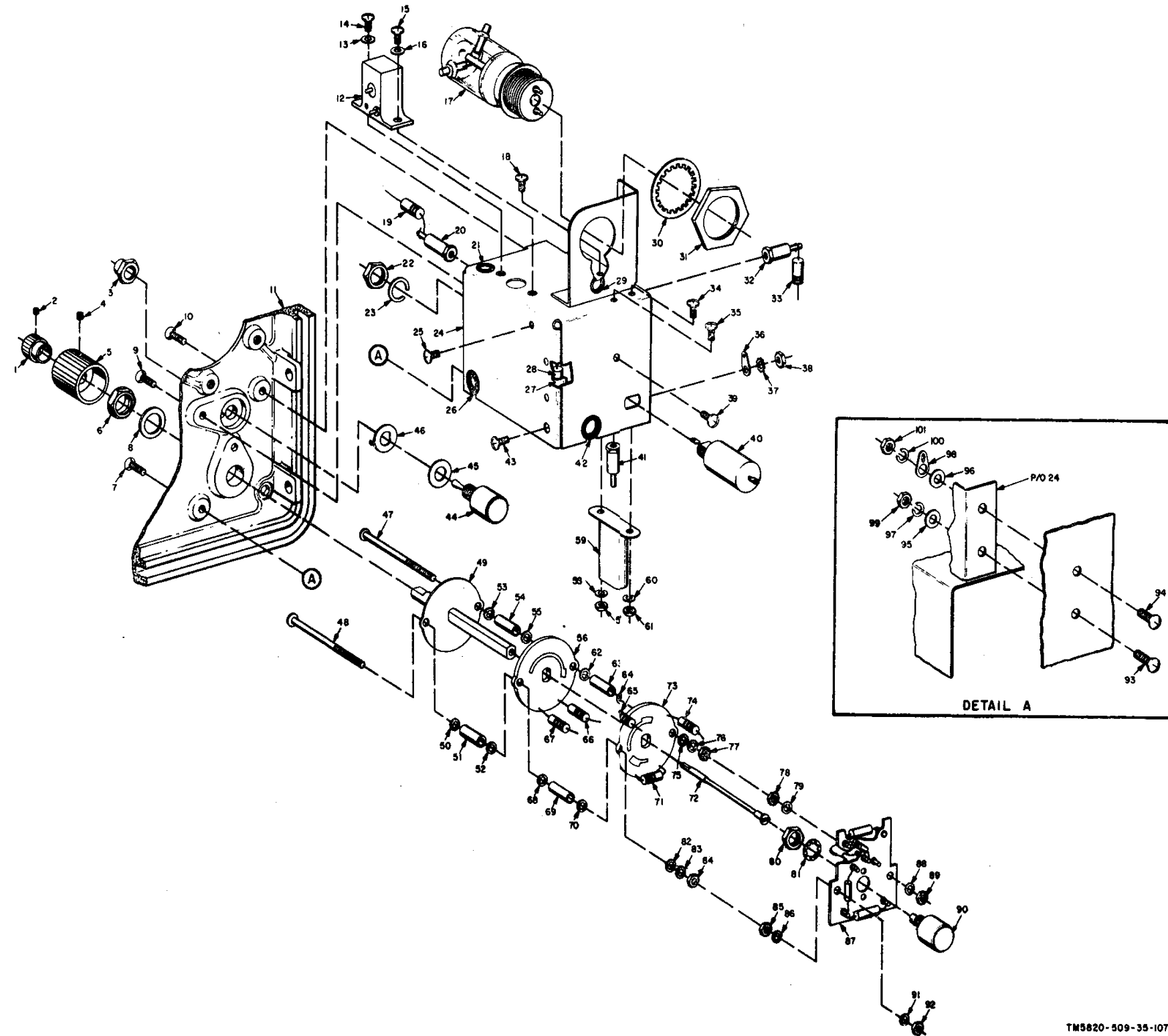


LEGEND FOR FIGURE 3-91

- | | | |
|------------------------------------|------------------------------------|-----------------------------------|
| 1 Screw, flat head, 6-32 x 1/4 | 38 Screw, pan head, 3-48 x 3/16 | 76 Capacitor (C105) |
| 2 Shaft, fiber, switch | 39 Washer, lock, #3 | 77 Capacitor (C144) |
| 3 Screw, flat head, 6-32 x 12 | 40 Screw, pan head, 3-48 x 3/16 | 78 Capacitor (C111) |
| 4 Front panel, RT-671/PRC-47 | 41 Screw, pan head, 6-32 x 3/16 | 79 Capacitor (C110) |
| 5 Nut, sleeve, no. 1 | 42 Washer, flat, #6 | 80 Capacitor (C112) |
| 6 Bearing, sleeve, nylon | 43 Lug, soldering | 81 Capacitor (C109) |
| 7 Washer, flat, 1/4 ID | 44 Capacitor (C121) | 82 Capacitor (C114) |
| 8 Spur gear, switch drive | 45 Washer, fiber, 5/32 ID x 3/8 OD | 83 Capacitor (C108) |
| 9 Setscrew, 6-32 x 1/8 | 46 Nut, sleeve, no. 2 | 84 Capacitor (C113) |
| 10 Collar, shaft | 47 Screw, pan head, 6-32 x 3/16 | 85 Bracket, capacitor mounting |
| 11 Nut, sleeve, no. 1 | 48 Washer, flat, #6 | 86 Washer, lock, #6 |
| 12 Deflector, air | 49 Lug, soldering | 87 Screw pan head, 6-32 x 3/8 |
| 13 Stud, 6-32 x 2 1/4 | 50 Capacitor, (C119) | 88 Washer, lock, #6 |
| 14 Spacer, sleeve, no. 1 | 51 Screw, pan head, 6-32 x 3/16 | 89 Screw, pan head, 6-32 x 1/4 |
| 15 Washer, fiber, 5/32 ID x 3/8 OD | 52 Washer, flat, #6 | 90 Washer, lock, #6 |
| 16 Stud, 6-32 x 2 1/4 | 53 Lug, soldering | 91 Screw, pan head, 6-32 x 1/4 |
| 17 Spacer, sleeve, no. 1 | 54 Capacitor, (C120) | 92 Washer, lock, #6 |
| 18 Washer, fiber, 5-32 ID x 3/8 OD | 55 Screw, pan head, 6-32 x 3/16 | 93 Screw, pan head, 6-32 x 1/4 |
| 19 Switch wafer, front | 56 Washer, flat, #6 | 94 Washer, lock, #6 |
| 20 Washer, fiber, 5/32 ID x 3/8 OD | 57 Lug, soldering | 95 Screw, pan head, 6-32 x 1/4 |
| 21 Spacer, sleeve, no. 2 | 58 Capacitor, (C115) | 96 Washer, lock, #6 |
| 22 Washer, fiber, 5/32 ID x 3/8 OD | 59 Screw, pan head, 6-32 x 3/16 | 97 Screw, pan head, 6-32 x 1/4 |
| 23 Washer, fiber, 5/32 ID x 3/8 OD | 60 Washer, flat, #6 | 98 Washer, lock, #6 |
| 24 Spacer, sleeve, no. 2 | 61 Lug, soldering | 99 Screw, pan head, 6-32 x 1/4 |
| 25 Washer, fiber, 5/32 ID x 3/8 OD | 62 Capacitor, (C116) | 100 Washer, lock, #6 |
| 26 Switch wafer, rear | 63 Screw, pan head, 6-32 x 3/16 | 101 Screw, pan head, 6-32 x 1/4 |
| 27 Washer, lock, #3 | 64 Washer, flat, #6 | 102 Washer, lock, #6 |
| 28 Screw, pan head, 3-48 x 3/16 | 65 Lug, soldering | 103 Screw, pan head, 6-32 x 3/8 |
| 29 Washer, lock, #3 | 66 Capacitor, (C118) | 104 Screw, flat head, 4-40 x 5/16 |
| 29A. Lug, soldering, ground | 67 Screw, pan head, 6-32 x 3/16 | 106 Screw, flat head, 4-40 x 5/16 |
| 30 Screw, pan head, 3-48 x 3/16 | 68 Washer, flat, #6 | 106 Washer, lock, #4 |
| 31 Washer, lock, #3 | 69 Lug, soldering | 107 Nut, hex, 4-40 |
| 32 Screw, pan head, 3-48 x 3/16 | 70 Capacitor, (C117) | 108 Nut, hex, 4-40 |
| 33 Washer, lock, #3 | 71 Washer, fiber, 5/32 ID x 3/8 OD | 109 Washer, lock, #4 |
| 34 Screw, pan head, 3-48 x 3/16 | 72 Nut, sleeve, no. 2 | 110 Lug, soldering |
| 35 Washer, lock, #3 | 73 Plate, capacitor mounting | 111 Side, PA compartment |
| 36 Screw, pan head, 3-48 x 3/16 | 74 Suppressor, (L104-R110) | |
| 37 Washer, lock, #3 | 75 Capacitor (C124) | |

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Figure 3-91. Radio Receiver - Transmitter RT-671/PRC-47, Power Amplifier Compartment (A8A4A1) Plat Capacitor Switch, Exploded View.



LEGEND FOR FIGURE 3-92

- | | | |
|---------------------------------|------------------------------------|---------------------------------|
| 1 Knob, M ADJ | 34 Screw, pan head, 4-40 x 1/4 | 68 Washer, fiber, #4 |
| 2 Setscrew, 4-48 x 1/8 | 35 Screw, pan head, 4-40 x 1/4 | 69 Spacer, sleeve, no. 2 |
| 3 Boot, toggle switch, 1/4-40 | 36 Lug, soldering | 70 Washer, fiber, #4 |
| 4 Set screw, 6-32 x 1/8 | 37 Washer, lock, #6 | 71 Resistor, (R107) |
| 5 Knob, large, (XMTR PWR) | 38 Nut, hex, 6-32 | 72 Shaft, potentiometer |
| 6 Nut, hex, 3/8-32 | 39 Screw, pan head, 4-40 x 1/4 | 73 Switch wafer, (S103B) |
| 7 Screw, flat head, 6-32 x 1/2 | 40 Capacitor, (C146) | 74 Resistor, (R118) |
| 8 Washer, flat, 3/8 ID | 41 Terminal, stud | 75 Washer, fiber, #4 |
| 9 Screw, flat head, 6-32 x 1/2 | 42 Grommet, rubber | 76 Washer, flat, #4 |
| 10 Screw, flat head, 6-32 x 1/2 | 43 Screw, pan head, 6-32 x 1/4 | 77 Nut, hex, 4-40 |
| 11 Panel, front | 44 Switch, toggle, (OPR-TUNE) | 78 Nut, hex, 4-40 |
| 12 Transformer, rf, (T101) | 45 Washer, flat, 1/4 | 79 Washer, flat, #4 |
| 13 Washer, flat, #4 | 46 Washer, lock ring, 1/4 | 80 Nut, hex, 1/4-32 |
| 14 Screw, pan head, 4-40 x 5/16 | 47 Screw, round head, 4-40 x 2 1/4 | 81 Washer, lock, 3/8 |
| 15 Screw, pan head, 4-40 x 5/16 | 48 Screw, round head, 4-40 x 2 1/4 | 82 Washer, fiber, #4 |
| 16 Washer, flat, #4 | 49 Detent, switch | 83 Washer, flat, #4 |
| 17 Relay, vacuum (K101) | 50 Washer, fiber, #4 | 84 Nut, hex, 4-40 |
| 18 Screw, pan head, 4-40 x 1/4 | 51 Spacer, sleeve, no. 1 | 85 Nut, hex, 4-40 |
| 19 Resistor, (R120) | 52 Washer, fiber, #4 | 86 Washer, flat, #4 |
| 20 Terminal, stud | 53 Washer, fiber, #4 | 87 Resistor-switch subassembly |
| 21 Grommet, rubber | 54 Spacer, sleeve, no. 1 | 88 Washer, flat, #4 |
| 22 Nut, hex, 5/16-24 | 55 Washer, fiber, #4 | 89 Nut, hex, 4-40 |
| 23 Washer, lock, 5/16 | 56 Switch wafer, (S103A) | 90 Potentiometer, (M ADJ) |
| 24 Bracket, relay | 57 Nut, hex, 4-40 | 91 Washer, flat, #4 |
| 25 Screw, pan head, 4-40 x 1/4 | 58 Washer, lock, #4 | 92 Nut, hex, 4-40 |
| 26 Grommet, rubber | 59 Relay, armature, (K102) | 93 Screw, pan head, 4-40 x 5/16 |
| 27 Clip, electrical component | 60 Washer, lock, #4 | 94 Screw, pan head, 4-40 x 5/16 |
| 28 Capacitor, (C145) | 61 Nut, hex, 4-40 | 95 Washer, flat, #4 |
| 29 Grommet, rubber | 62 Washer, fiber, #4 | 96 Washer, flat, #4 |
| 30 Washer, lock, 13/16 | 63 Spacer, sleeve, no. 2 | 97 Washer, lock, #4 |
| 31 Nut, hex, 13/16-32 | 64 Washer, fiber, #4 | 98 Lug, soldering |
| 32 Terminal, stud | 65 Resistor, (R106) | 99 Nut, hex, 4-40 |
| 33 Resistor, (R125) | 66 Resistor, (R128) | 100 Washer, lock, #4 |
| | 67 Resistor, (R105) | 101 Nut, hex, 4-40 |

Figure 3-92. Radio Receiver - Transmitter RT671/PRC-47, Power Amplifier Compartment (A84A1) XMTR PWR Switch (S103), Exploded View.

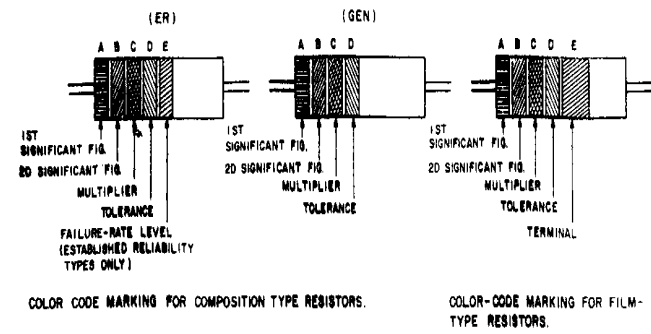


TABLE 1
COLOR CODE FOR COMPOSITION TYPE AND FILM TYPE RESISTORS.

| BAND A | | BAND B | | BAND C | | BAND D | | BAND E | |
|-----------------|--------------------------|-----------------|---------------------------|--------|------------|--------|--|--------|--------------------|
| COLOR | FIRST SIGNIFICANT FIGURE | COLOR | SECOND SIGNIFICANT FIGURE | COLOR | MULTIPLIER | COLOR | RESISTANCE TOLERANCE (PERCENT) | COLOR | FAILURE RATE LEVEL |
| BLACK | 0 | BLACK | 0 | BLACK | 1 | BROWN | M±0 | BROWN | P±0.1 |
| BROWN | 1 | BROWN | 1 | BROWN | 10 | RED | R±0.1 | RED | R±0.01 |
| RED | 2 | RED | 2 | RED | 100 | ORANGE | S±0.01 | ORANGE | S±0.001 |
| ORANGE | 3 | ORANGE | 3 | ORANGE | 1,000 | YELLOW | ±10 (COMP TYPE ONLY) | YELLOW | ±5 |
| YELLOW | 4 | YELLOW | 4 | YELLOW | 10,000 | SILVER | ±2 (NOT APPLICABLE TO ESTABLISHED RELIABILITY) | WHITE | SOLD-ERABLE |
| GREEN | 5 | GREEN | 5 | GREEN | 100,000 | GOLD | ±5 | | |
| BLUE | 6 | BLUE | 6 | BLUE | 1,000,000 | RED | ±2 (NOT APPLICABLE TO ESTABLISHED RELIABILITY) | | |
| PURPLE (VIOLET) | 7 | PURPLE (VIOLET) | 7 | | | | | | |
| GRAY | 8 | GRAY | 8 | SILVER | 0.01 | | | | |
| WHITE | 9 | WHITE | 9 | GOLD | 0.1 | | | | |

BAND A — THE FIRST SIGNIFICANT FIGURE OF THE RESISTANCE VALUE (BANDS A THRU D SHALL BE OF EQUAL WIDTH.)
 BAND B — THE SECOND SIGNIFICANT FIGURE OF THE RESISTANCE VALUE.
 BAND C — THE MULTIPLIER (THE MULTIPLIER IS THE FACTOR BY WHICH THE TWO SIGNIFICANT FIGURES ARE MULTIPLIED TO YIELD THE NOMINAL RESISTANCE VALUE.)
 BAND D — THE RESISTANCE TOLERANCE.
 BAND E — WHEN USED ON COMPOSITION RESISTORS, BAND E INDICATES ESTABLISHED RELIABILITY FAILURE-RATE LEVEL (PERCENT FAILURE PER 1,000 HOURS); ON FILM RESISTORS, THIS BAND SHALL BE APPROXIMATELY 1/2 TIMES THE WIDTH OF OTHER BANDS AND INDICATES TYPE OF TERMINAL.

RESISTANCES IDENTIFIED BY NUMBERS AND LETTERS (THESE ARE NOT COLOR CODED)
 SOME RESISTORS ARE IDENTIFIED BY THREE OR FOUR DIGIT ALPHA NUMERIC DESIGNATORS. THE LETTER R IS USED IN PLACE OF A DECIMAL POINT WHEN FRACTIONAL VALUES OF AN OHM ARE EXPRESSED. FOR EXAMPLE:
 2R7 = 2.7 OHMS 10R0 = 10.0 OHMS

FOR WIRE-WOUND-TYPE RESISTORS COLOR CODING IS NOT USED, IDENTIFICATION MARKING IS SPECIFIED IN EACH OF THE APPLICABLE SPECIFICATIONS.

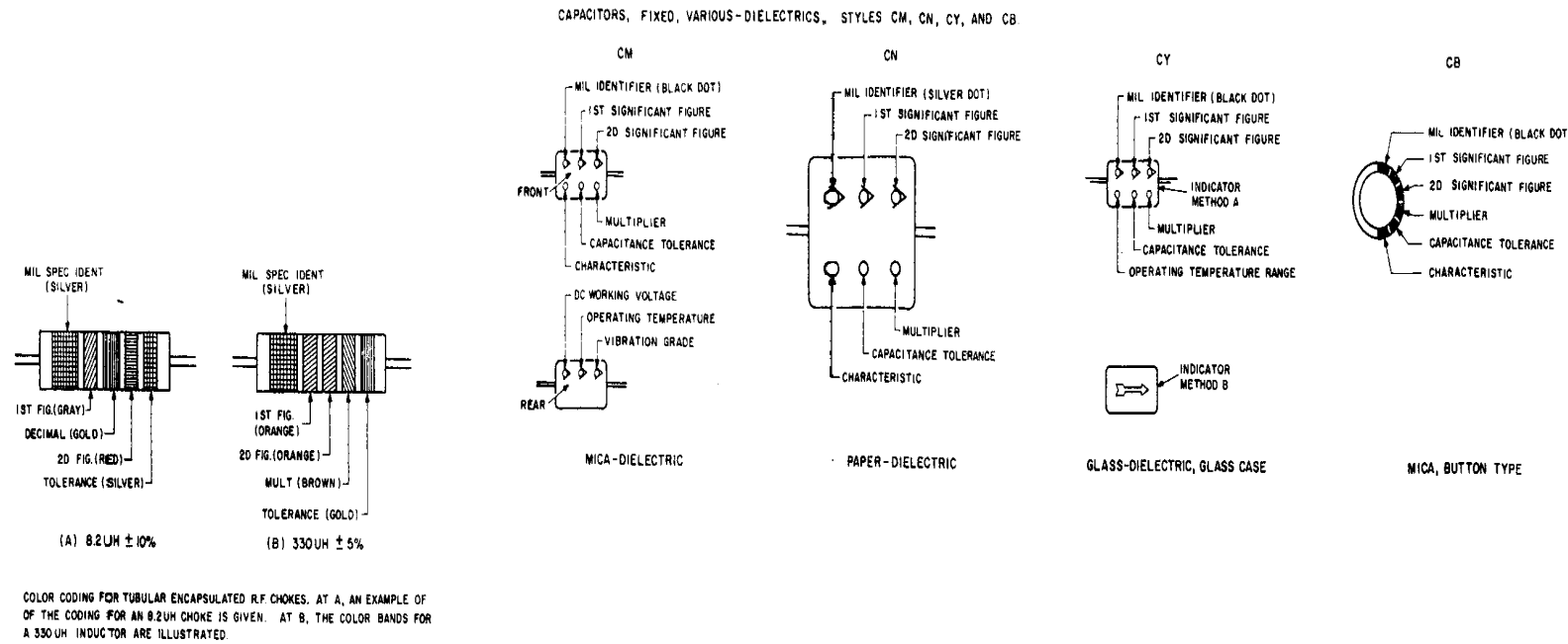
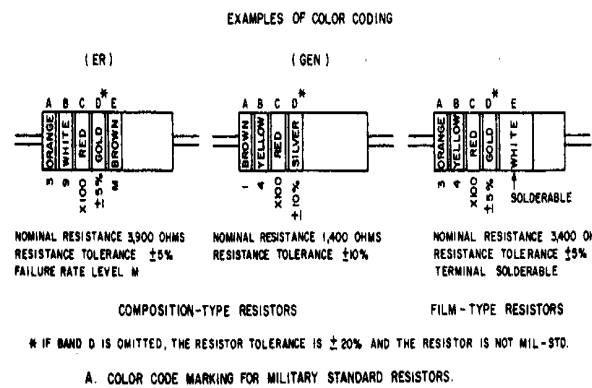


TABLE 2
COLOR CODING FOR TUBULAR ENCAPSULATED R.F. CHOKES

| COLOR | SIGNIFICANT FIGURE | MULTIPLIER | INDUCTANCE TOLERANCE (PERCENT) |
|--------|--------------------|------------|--------------------------------|
| BLACK | 0 | 1 | |
| BROWN | 1 | 10 | 1 |
| RED | 2 | 100 | 2 |
| ORANGE | 3 | 1,000 | 3 |
| YELLOW | 4 | | |
| GREEN | 5 | | |
| BLUE | 6 | | |
| VIOLET | 7 | | |
| GRAY | 8 | | |
| WHITE | 9 | | |
| NONE | | | 20 |
| SILVER | | | 10 |
| GOLD | | | 5 |

MULTIPLIER IS THE FACTOR BY WHICH THE TWO COLOR FIGURES ARE MULTIPLIED TO OBTAIN THE INDUCTANCE VALUE OF THE CHOKE COIL.

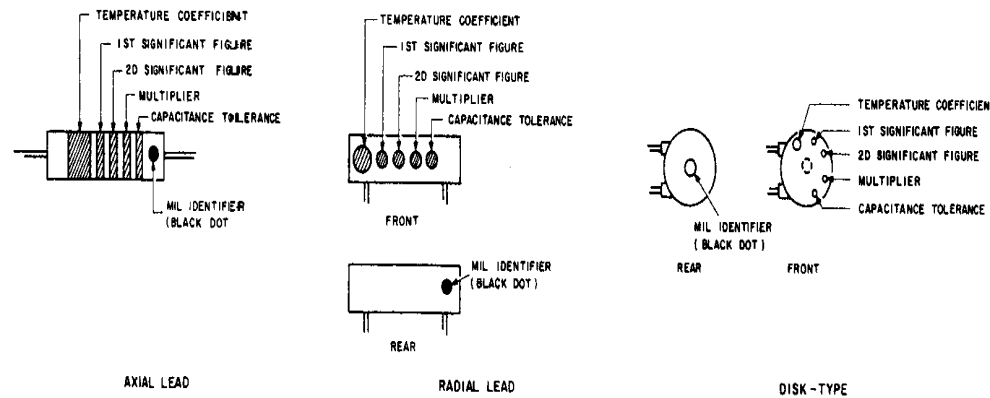


TABLE 3 — FOR USE WITH STYLES CM, CN, CY AND CB

| COLOR | MIL ID | 1ST SIG FIG | 2D SIG FIG | MULTIPLIER | CAPACITANCE TOLERANCE | | | | CHARACTERISTIC | DC WORKING VOLTAGE | OPERATING TEMP RANGE | VIBRATION GRADE | |
|-----------------|------------|-------------|------------|------------|-----------------------|------|------|------|----------------|--------------------|----------------------|-----------------|-------------|
| | | | | | CM | CN | CY | CB | | | | | |
| BLACK | CM, CY, CB | 0 | 0 | 1 | | | | ±20% | ±20% | A | | -50° to +70°C | 10-55 Hz |
| BROWN | | 1 | 1 | 10 | | | | | | B | E | | |
| RED | | 2 | 2 | 100 | ±2% | | | ±2% | ±2% | C | | -55° to +85°C | |
| ORANGE | | 3 | 3 | 1,000 | ±30% | | | | | D | D | 300 | |
| YELLOW | | 4 | 4 | 10,000 | | | | | | E | | -55° to +25°C | 10-2,000 Hz |
| GREEN | | 5 | 5 | | | | | ±5% | | F | | 500 | |
| BLUE | | 6 | 6 | | | | | | | | | -55° to +50°C | |
| PURPLE (VIOLET) | | 7 | 7 | | | | | | | | | | |
| GRAY | | 8 | 8 | | | | | | | | | | |
| WHITE | | 9 | 9 | | | | | | | | | | |
| GOLD | | | | 0.1 | | | | ±5% | ±5% | | | | |
| SILVER | CN | | | 0.01 | ±10% | ±10% | ±10% | ±10% | ±10% | | | | |

TABLE 4 — TEMPERATURE COMPENSATING, STYLE CC

| COLOR | TEMPERATURE COEFFICIENT ¹ | 1ST SIG FIG | 2D SIG FIG | MULTIPLIER | CAPACITANCE TOLERANCE | | MIL |
|-----------------|--------------------------------------|-------------|------------|------------|--------------------------|-----------------------------|-------------|
| | | | | | CAPACITANCES OVER 10 UUF | CAPACITANCES 10 UUF OR LESS | |
| BLACK | 0 | 0 | 0 | 1 | | | ±2.0 UUF CC |
| BROWN | -30 | 1 | 1 | 10 | | | ±1% |
| RED | -80 | 2 | 2 | 100 | ±2% | | ±0.25 UUF |
| ORANGE | -150 | 3 | 3 | 1,000 | | | |
| YELLOW | -220 | 4 | 4 | | | | |
| GREEN | -330 | 5 | 5 | | ±5% | | ±0.5 UUF |
| BLUE | -470 | 6 | 6 | | | | |
| PURPLE (VIOLET) | -750 | 7 | 7 | | | | |
| GRAY | | 8 | 8 | 0.01* | | | |
| WHITE | | 9 | 9 | 0.1* | ±10% | | |
| GOLD | +100 | | | 0.1 | | | ±1.0 UUF |
| SILVER | | | | 0.01 | | | |

- THE MULTIPLIER IS THE NUMBER BY WHICH THE TWO SIGNIFICANT (SIG) FIGURES ARE MULTIPLIED TO OBTAIN THE CAPACITANCE IN UUF.
- LETTERS INDICATE THE CHARACTERISTICS DESIGNATED IN APPLICABLE SPECIFICATIONS: MIL-C-5, MIL-C-250, MIL-C-11272B, AND MIL-C-10950C RESPECTIVELY.
- LETTERS INDICATE THE TEMPERATURE RANGE AND VOLTAGE-TEMPERATURE LIMITS DESIGNATED IN MIL-C-11016D.
- TEMPERATURE COEFFICIENT IN PARTS PER MILLION PER DEGREE CENTIGRADE.
- * OPTIONAL CODING WHERE METALLIC PIGMENTS ARE UNDESIRABLE.

Figure 7-1. Color Code Markings for Military Standard Resistors, Inductors, and Capacitors.

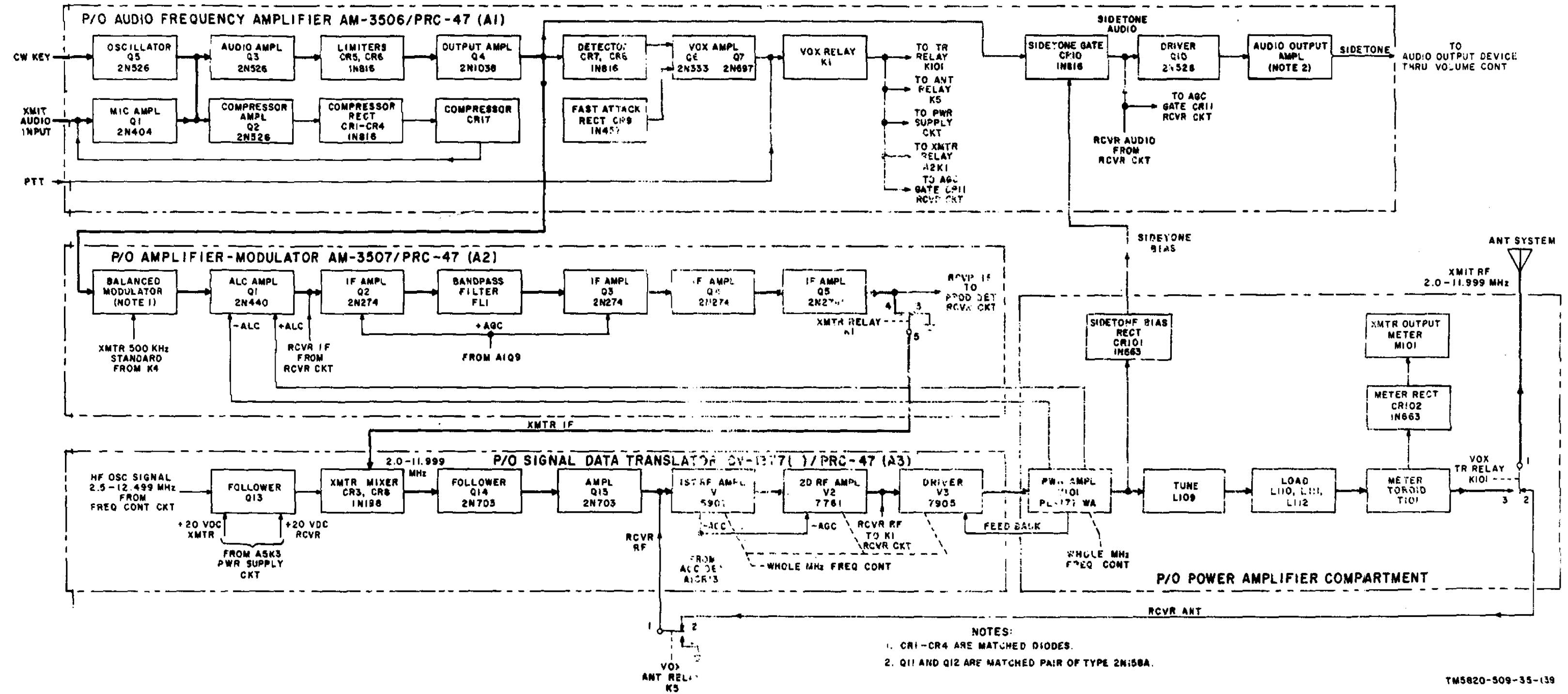


Figure 7-3. Transmit Signal Path, Block Diagram.

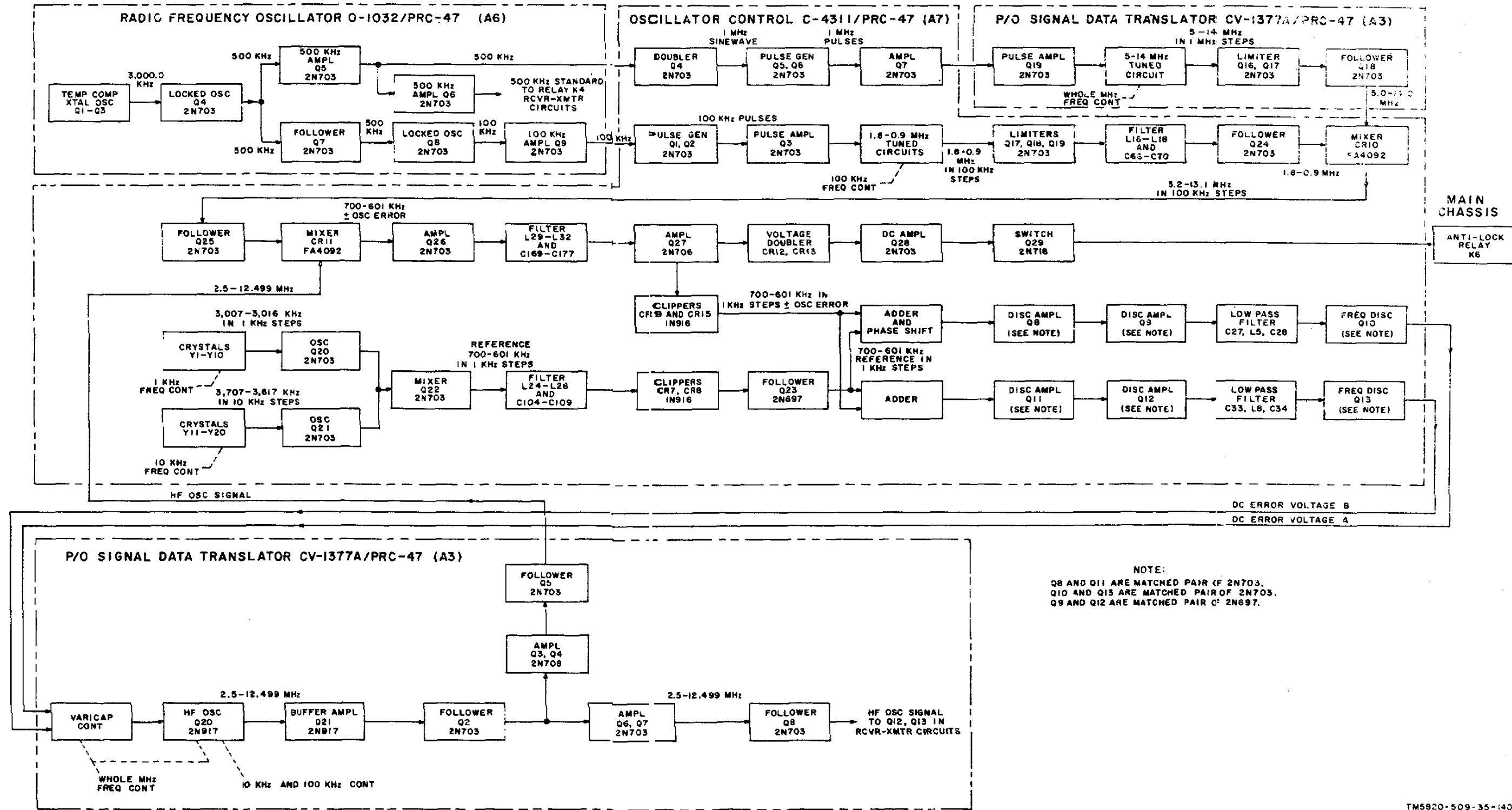
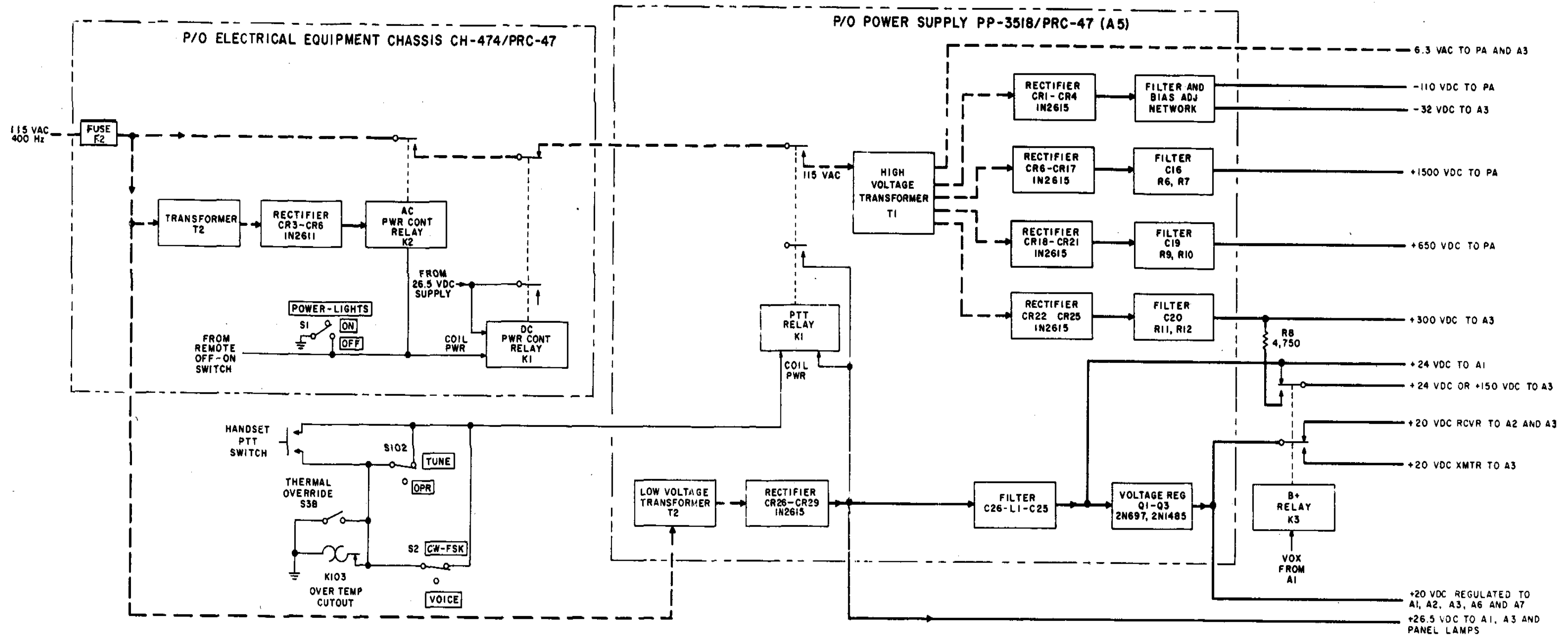


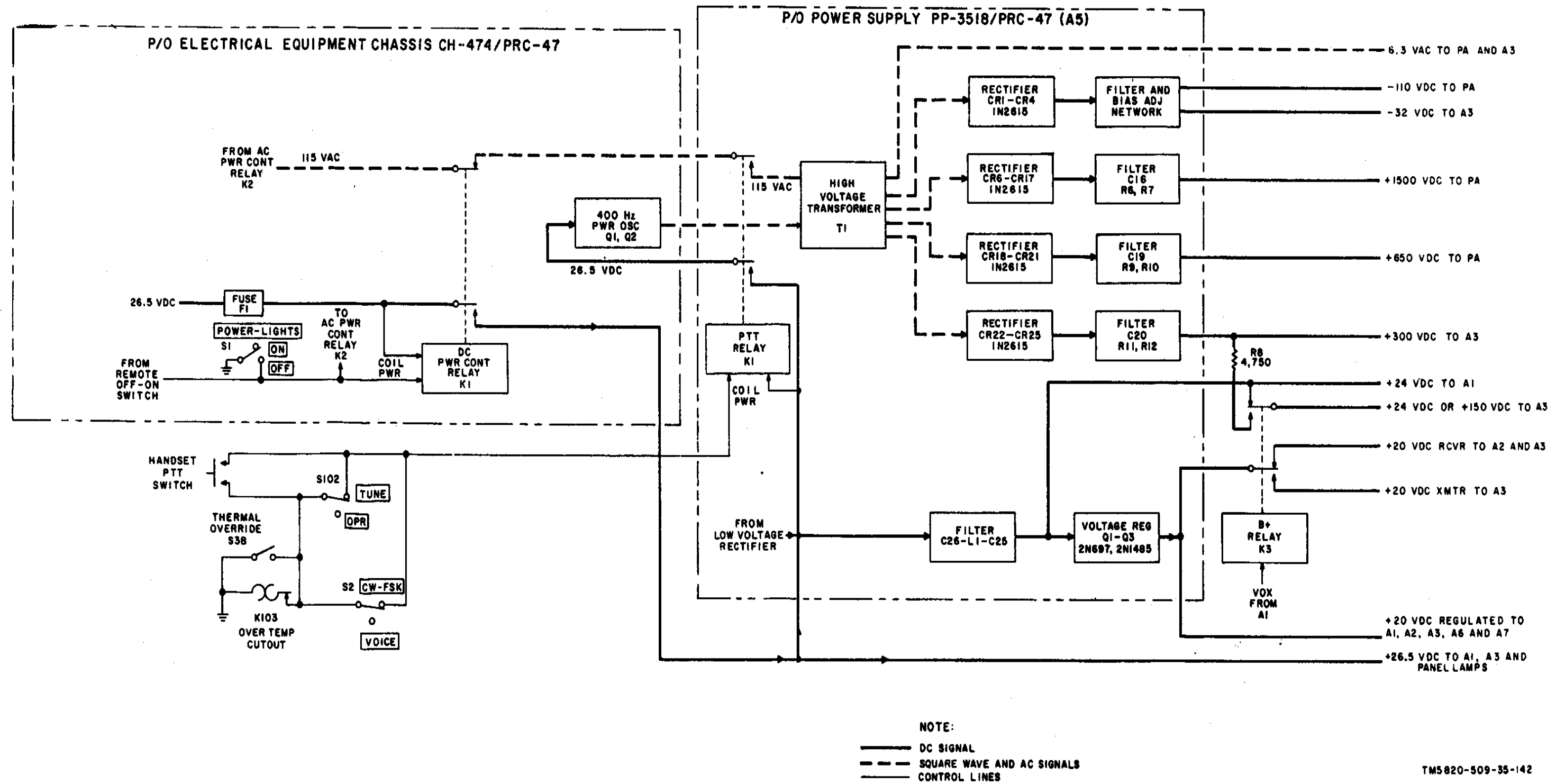
Figure 7-4. Frequency Control Circuits, Block Diagram.



NOTE:
 - - - AC SIGNAL
 ——— DC SIGNAL
 ——— CONTROL LINES

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Figure 7-5. Power Supply Circuits, Dc Primary Power Input, Block Diagram.



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Figure 7-6. Power Supply Circuits, Ac Primary Power Input, Block Diagram

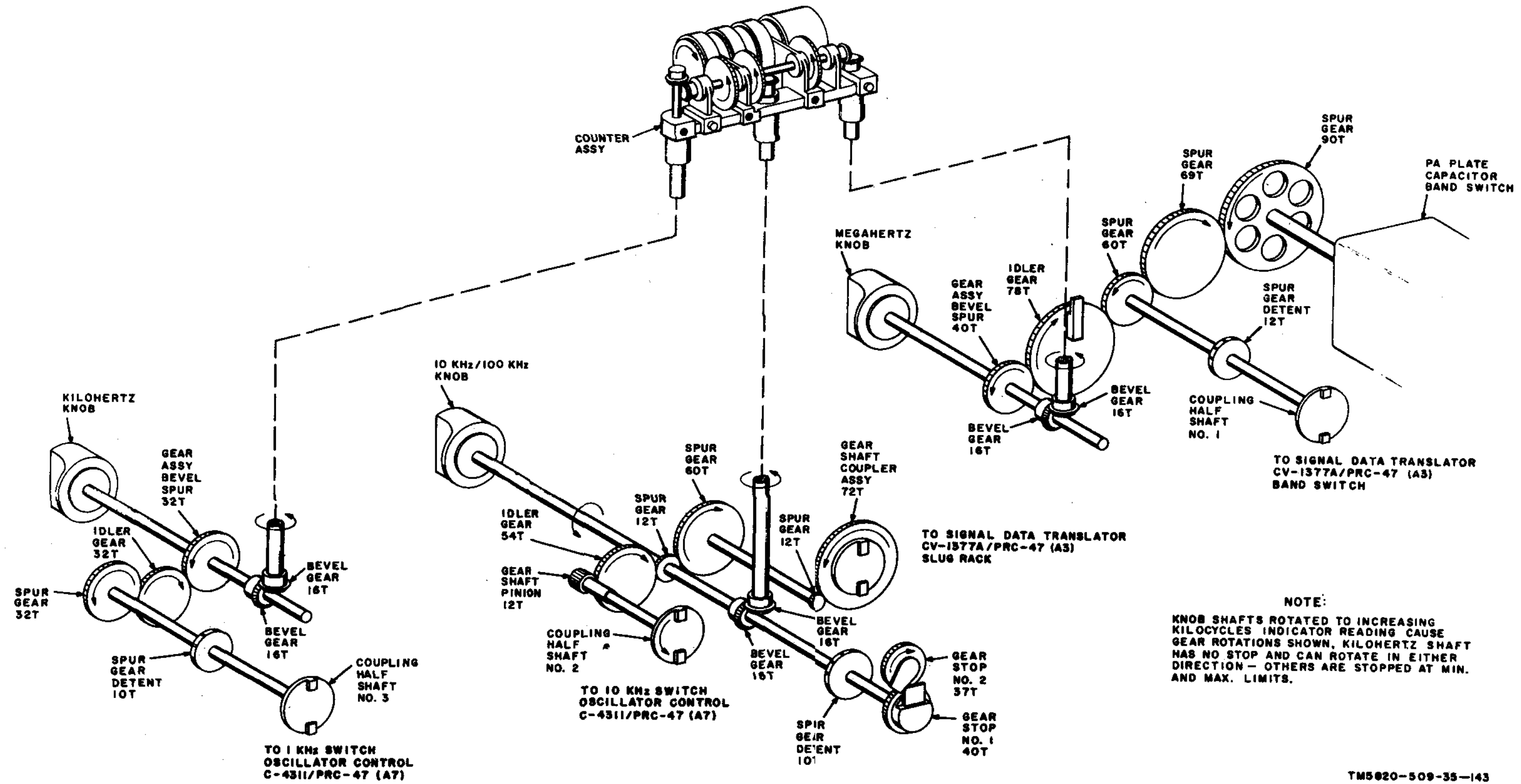


Figure 7-7. Mechanical Schematic. Frequency Control Mechanism

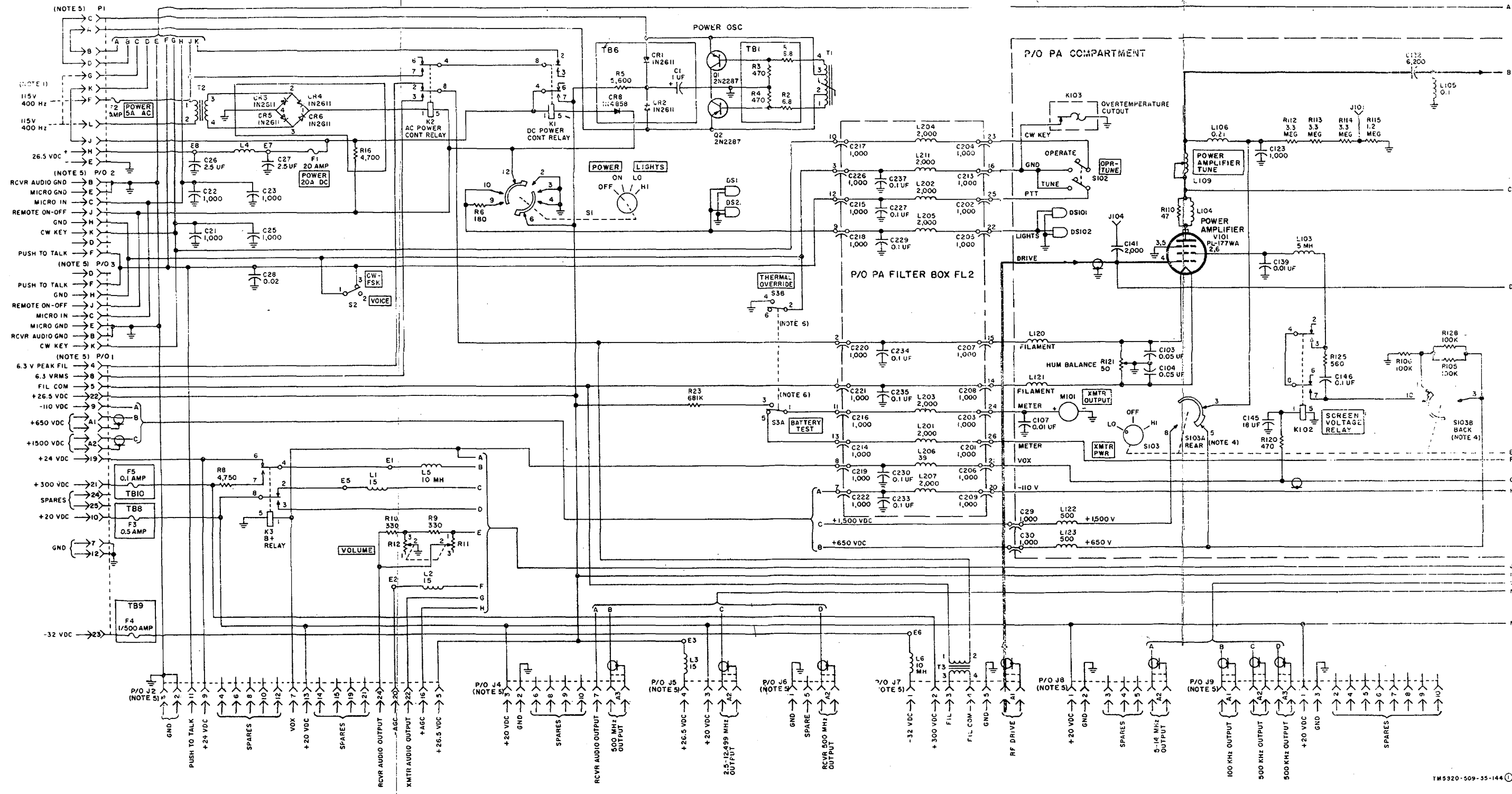


Figure 7-8 (1). Electrical Equipment Chassis CH-474/PRC-47 (A8A4), Schematic Diagram (sheet 1 of 2).

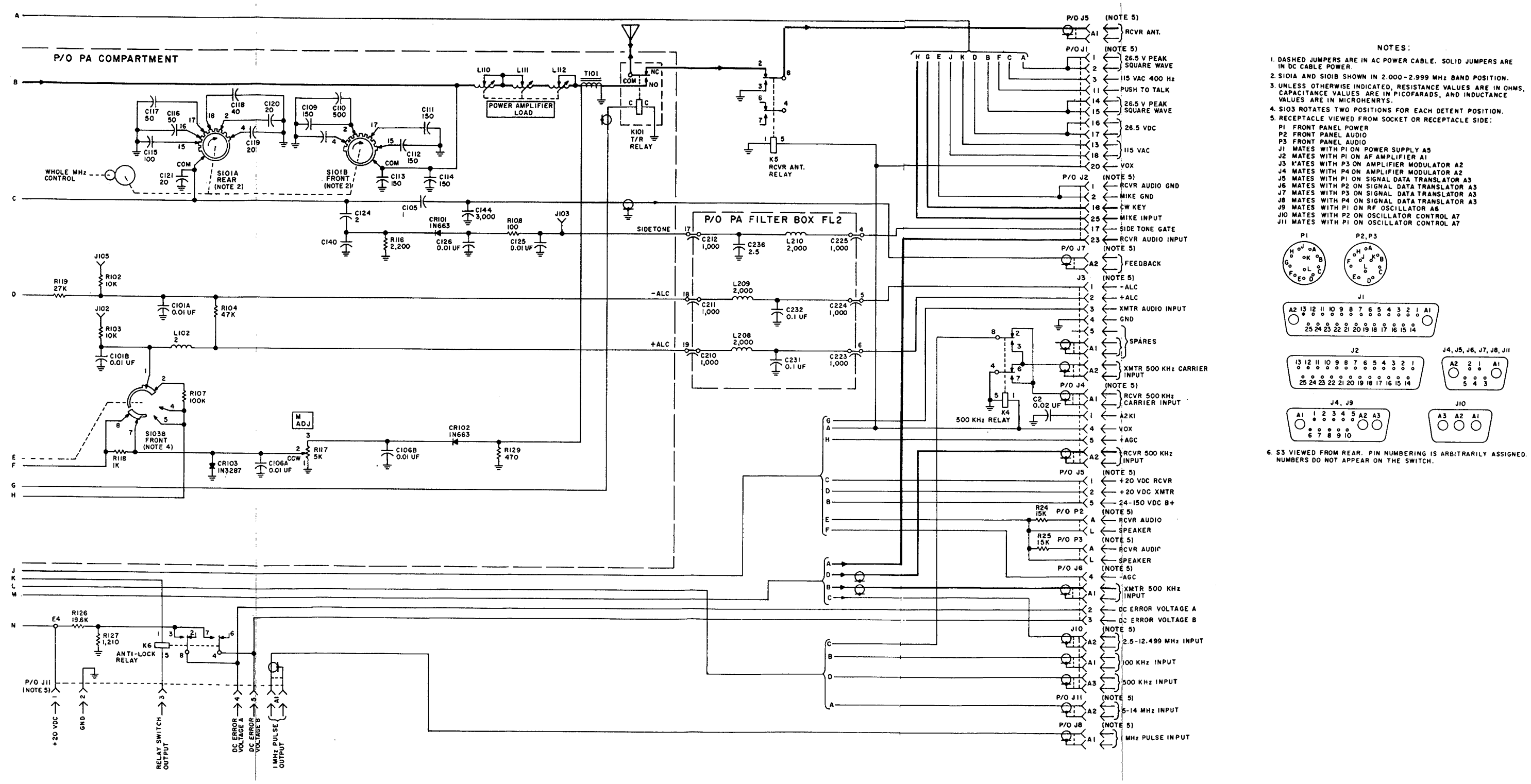


Figure 7-8 (2). Electrical Equipment Chassis CH-474/PRC-47 (A8A4), Schematic Diagram (sheet 2 of 2).

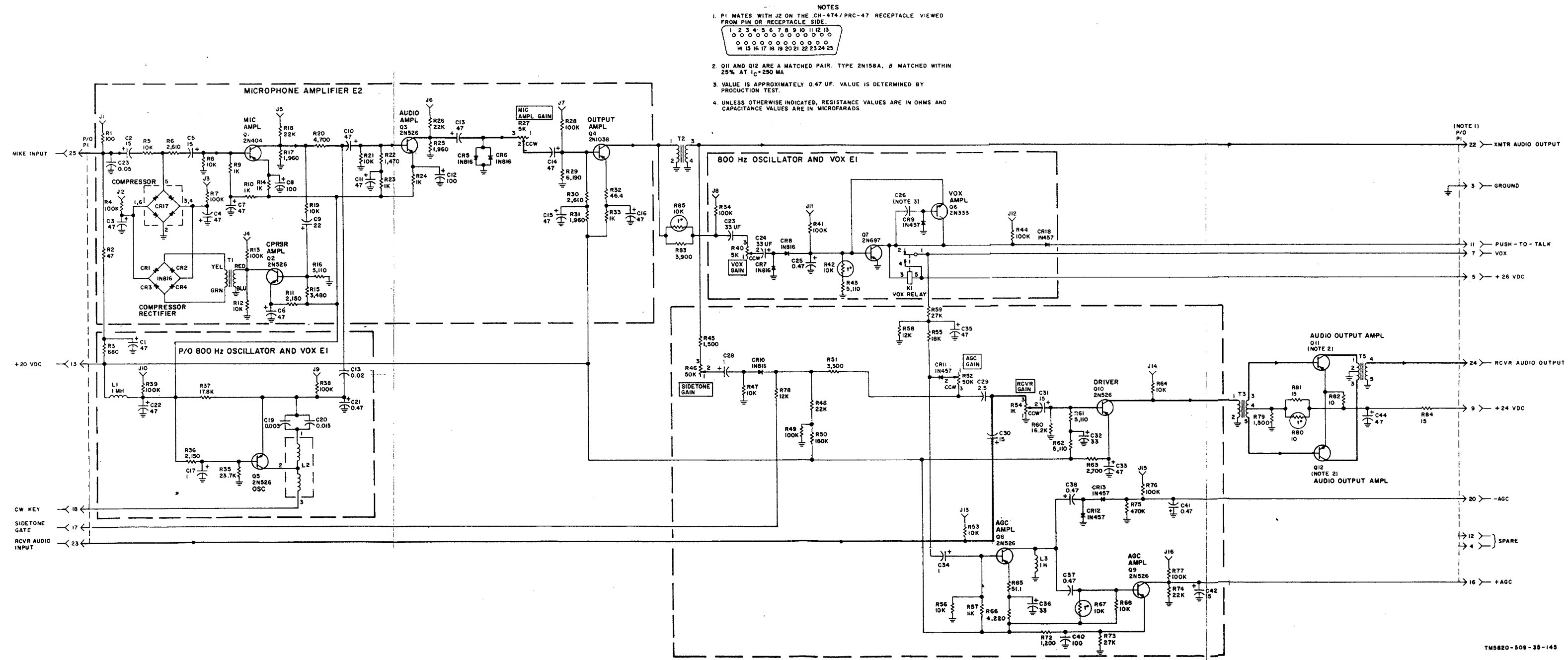


Figure 7-9. Audio Frequency Amplifier AM-3506/PRC-47 (A8A1), Schematic Diagram.

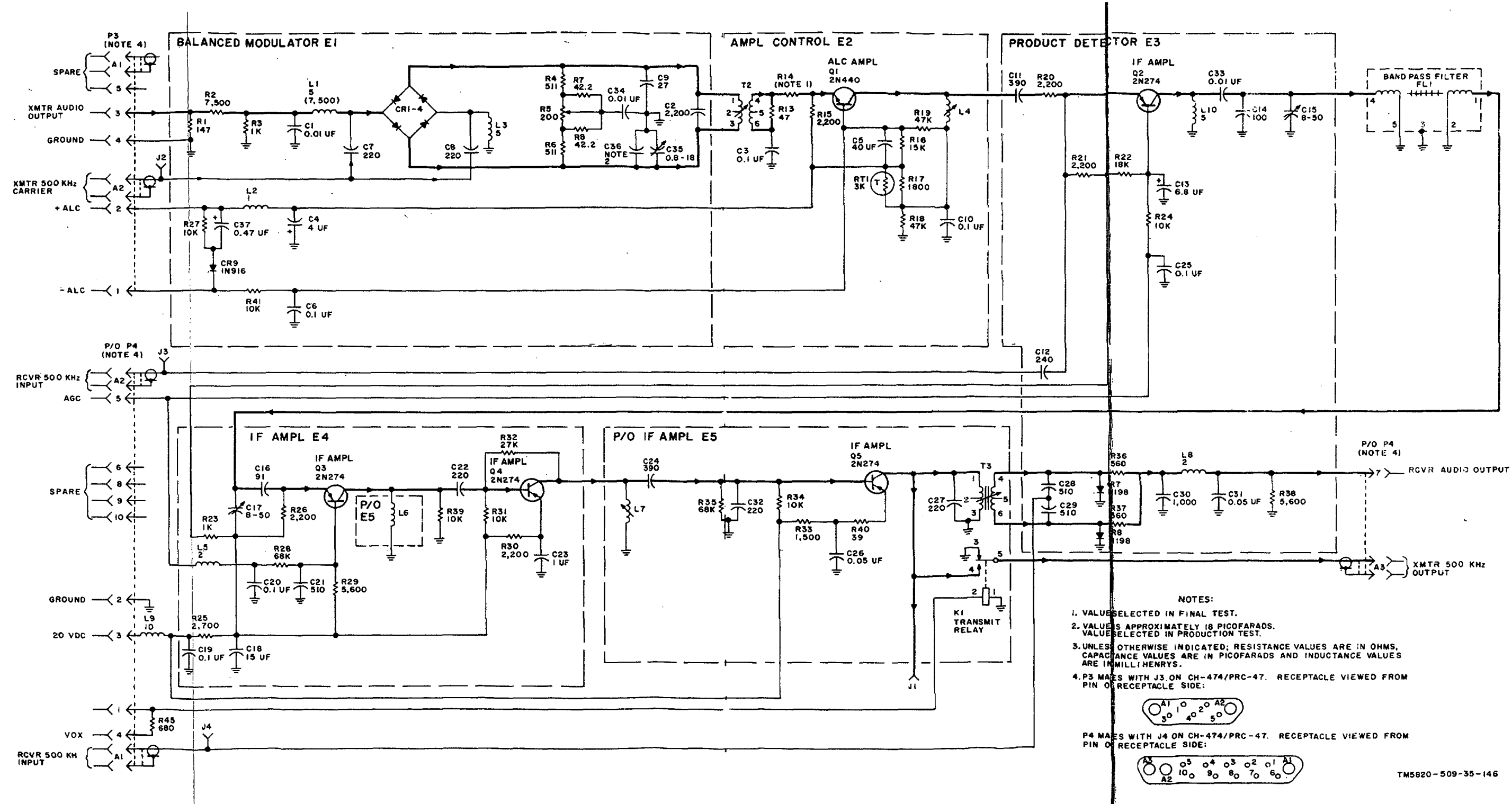


Figure 7-10. Amplifier-Modulator AM3507/PRC-47 (A8A2), Schematic Diagram.

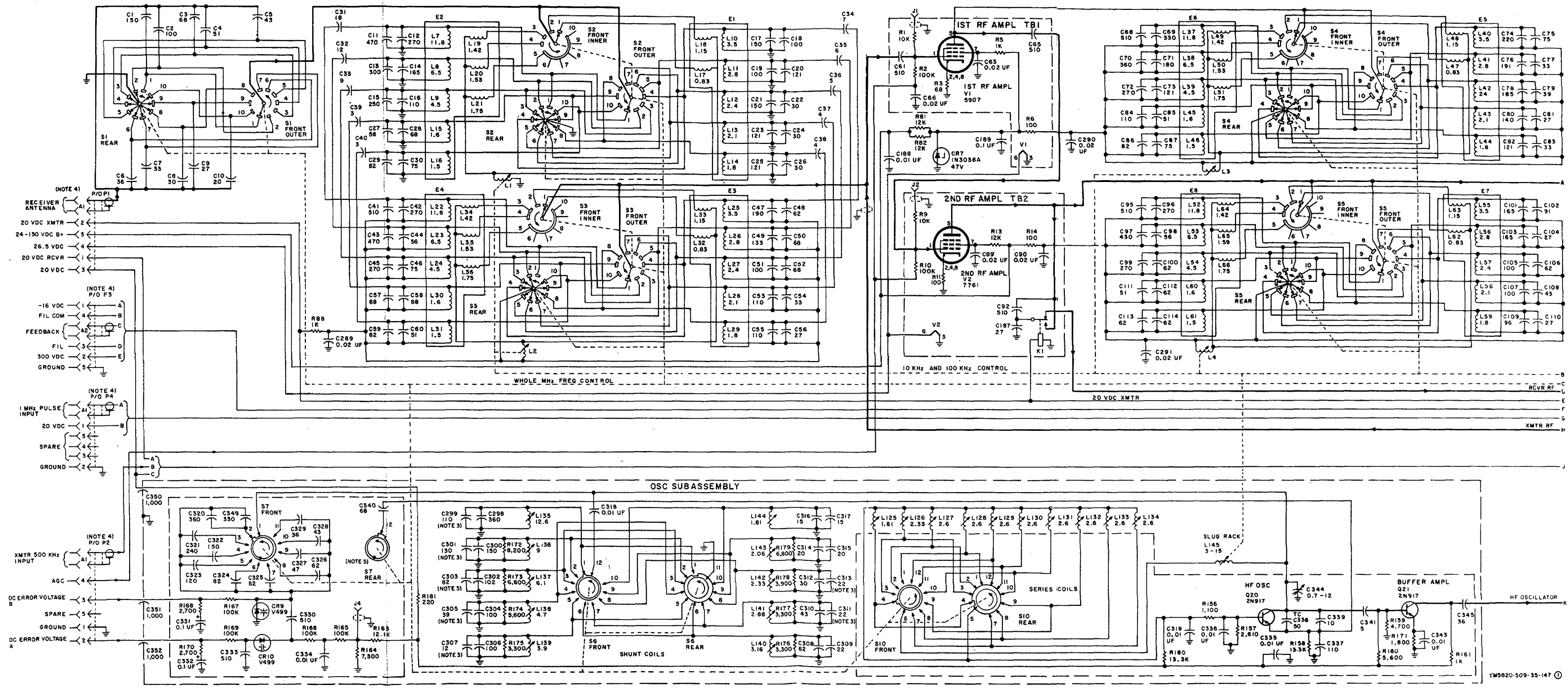


Figure 7-11 (1). Signal Data Translator CV-1377A/PRC-47 (A8A3), Schematic Diagram (sheet 1 of 2).

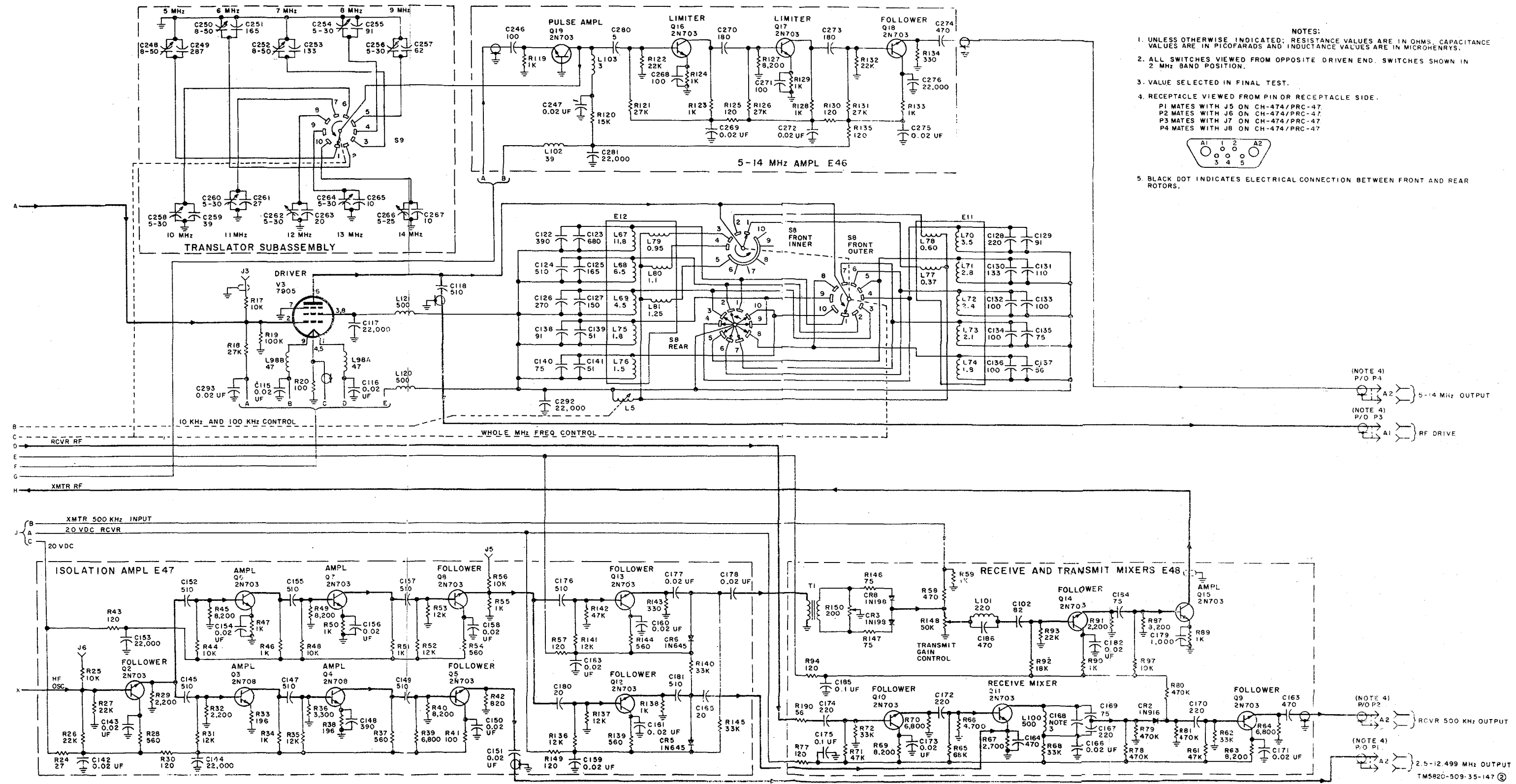
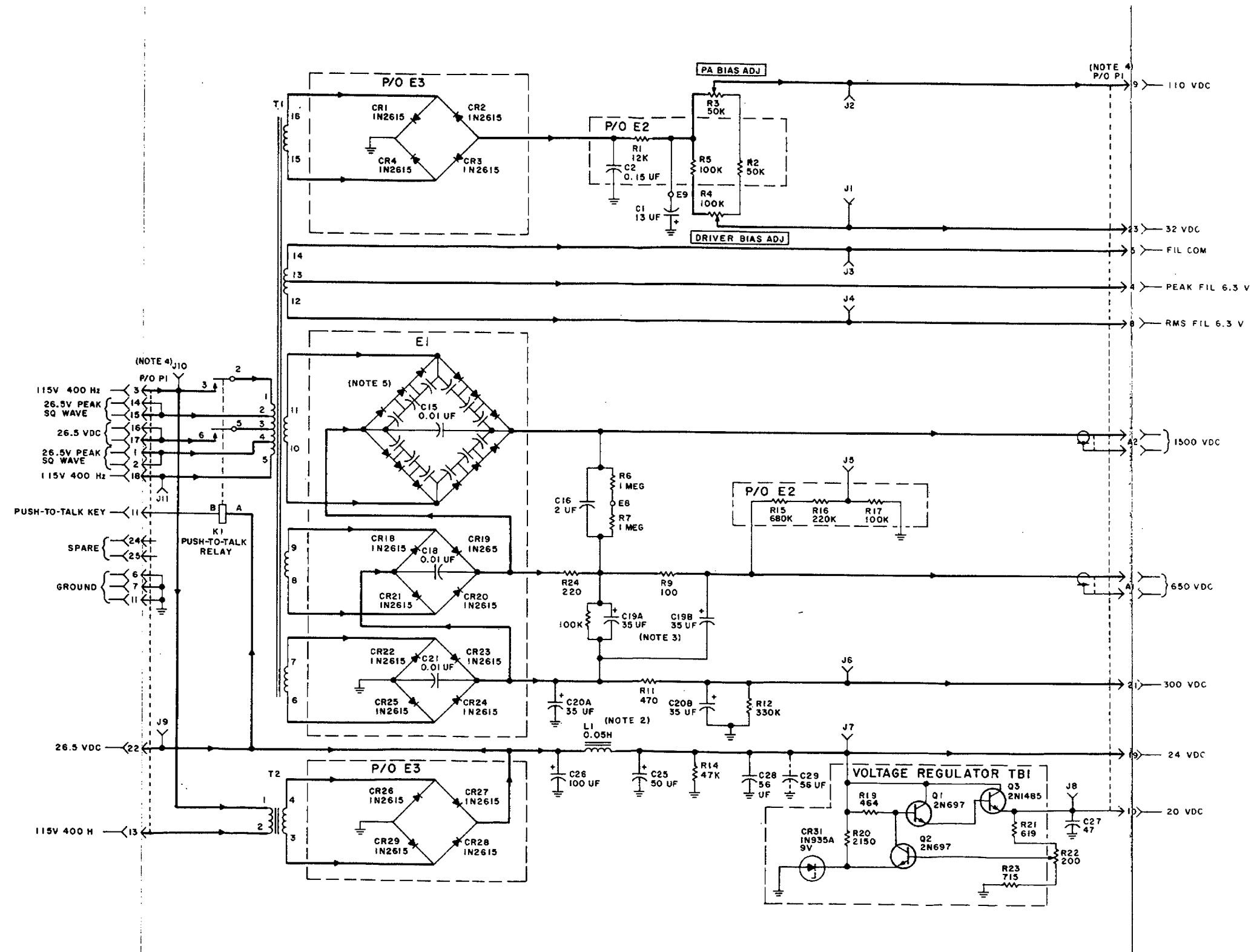


Figure 7-11 (2). Signal Data Translator CV-1377A/PRC-47 (A8A3), Schematic Diagram (sheet 2 of 2).



- NOTES:
- UNLESS OTHERWISE INDICATED, RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN PICOFARADS.
 - C20A AND C20B ARE IN ONE CAN AND HAVE A COMMON GROUND.
 - C19A AND C19B ARE IN ONE CAN AND HAVE A COMMON NEGATIVE.
 - PI MATES WITH J1 ON CH-474/PRC-47. RECEPTACLE VIEWED FROM PIN OR RECEPTACLE SIDE:
 - C3 THROUGH C14 ARE 820 PF AND CR6 THROUGH CR17 ARE 1N2615.

Figure 7-12. Power Supply PP-3518/PRC-47 (A8A5), Schematic Diagram.

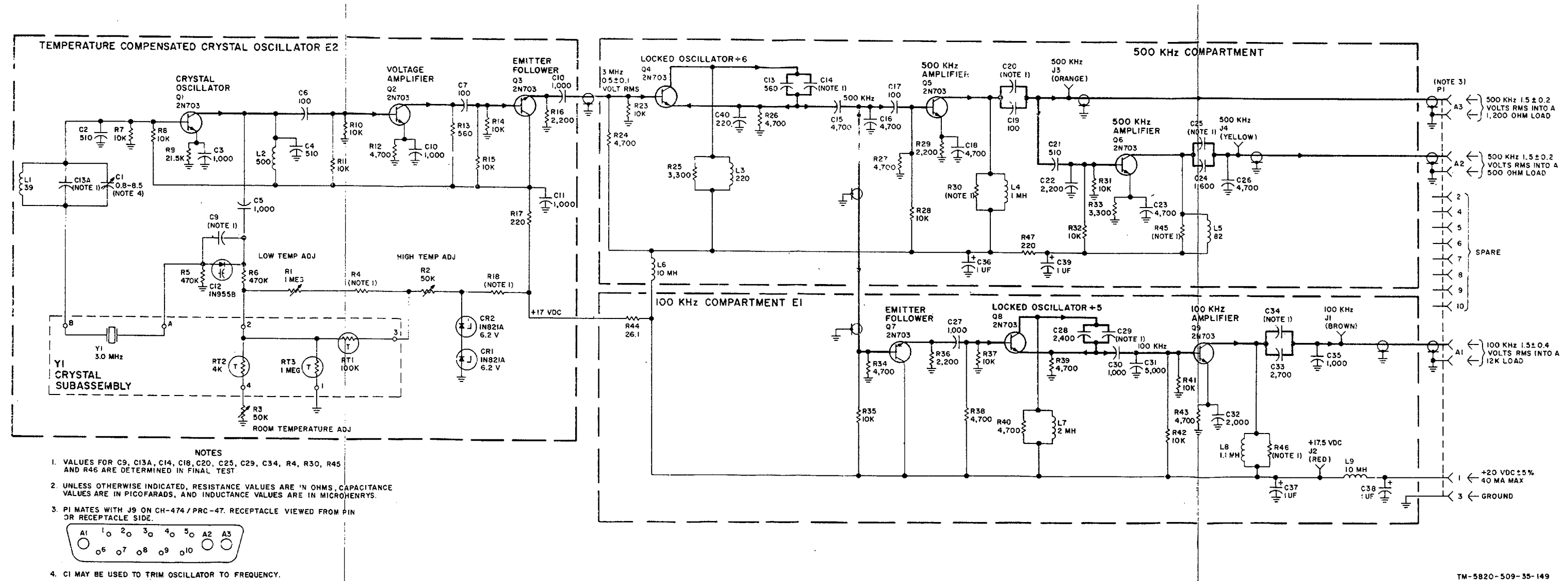
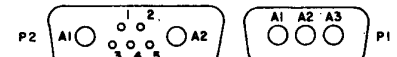


Figure 7-13. Radio Frequency Oscillator O-1032/PRC-47 (A8A6), Schematic Diagram.

- NOTES**
- VALUES ARE APPROXIMATELY 36 PF. ACTUAL VALUES ARE DETERMINED BY PRODUCTION TEST.
 - UNLESS OTHERWISE INDICATED, RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN PICOFARADS AND INDUCTANCE VALUES ARE IN MICROHENRYS.
 - SWITCHES VIEWED FROM KNOB OR DRIVEN END.
 -
 - Q8 AND Q11 ARE A MATCHED PAIR. TYPE 2N703, β 40-60, MATCHED WITHIN 10% AT $V_{CE}=5V$, $I_C=0.4MA$.
Q10 AND Q13 ARE A MATCHED PAIR. TYPE 2N697, β 30-50, MATCHED WITHIN 5% AT $V_{CE}=10V$, $I_C=8MA$.
 - SELECTED IN FINAL TEST.



RECEPTACLE VIEWED FROM PIN OR RECEPTACLE SIDE.
P2 MATES WITH J10 AND P1 MATES WITH J11 ON CH-474/PRC-47

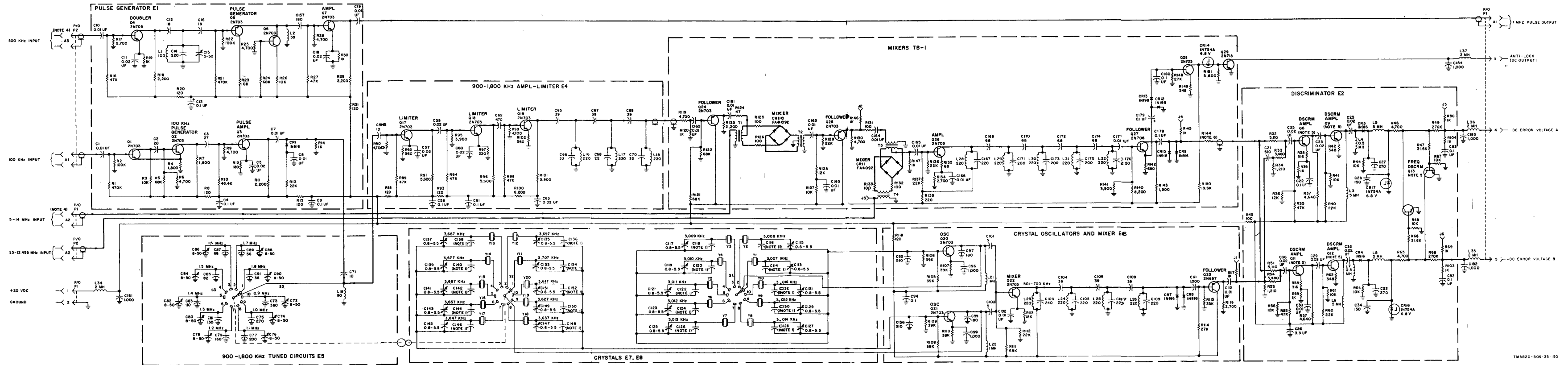


Figure 7-14. Oscillator Control C-4311/PRC-47 (A8A7), Schematic Diagram.

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