

**TM 11-7010-200-34P-3**

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**TECHNICAL MANUAL**

**ILLUSTRATED PARTS BREAKDOWN**

**OPTICAL CHARACTER READER  
TYPE RP-238/GYX  
(COMPUSCAN)**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY  
NOVEMBER 1979**

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
Washington, DC, 30 November 1979

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By Order of the Secretary of the Army

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NG NONF

USAR NONE

For explanation of abbreviations see, AR 310-50

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**OPTICAL CHARACTER READER RP238/GYX**  
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SECTION I  
ILLUSTRATED PARTS BREAKDOWN

INTRODUCTION

1-1. GENERAL. This Illustrated Parts Breakdown (IPB) lists and describes the items necessary for the support of the Optical Character Reader, RP238/GYX. This publication is divided into four sections: Section I, Introduction, Section II, Group Assembly Parts List (GAPL), Section III, Numerical Index, and Section IV, Reference Designation Index. It is used for requisitioning, storing, issuing and identifying parts. It is also used to illustrate assembly and disassembly relationships.

1-2. SCOPE. This IPB reflects the listing of repair parts and/or assemblies. Under certain conditions, when ordering replacement parts, only a complete assembly or subassembly may be obtainable, e.g., matched parts. Programmed memory IC's are obtainable only from the prime contractor.

1-3. GROUP ASSEMBLY PARTS LIST. This section contains the complete group assembly parts list separated into figures by main groups, or assemblies, and keyed to the associated illustration by figure and index numbers. The GAPL listing is arranged in seven columns: Figure and Index Number, Reference Designation column or a locator column, Description of Item, Part Number, (Manufacturer's) Code Identification Number, Units per Assembly, and Usable on Code column.

1-3.1 Figure and Index Number Column. The first item in the figure and index number column is the figure number of the illustration of the assembly listed. The figure number is not repeated thereafter except with the first item of listings continued on succeeding pages. The second number is the index number to key the part to the illustration callout. Identical parts occurring in the same general location on the equipment are illustrated and indexed but once. The relation of each part to its Next Higher Assembly (NHA) or main group is shown either by indentation or by figure cross-reference note. However, since certain (particular) illustrations may be delineated by a grid pattern, certain index numbers (callouts) may be used to indicate the location of different components (more than one) with a particular grid subdivision.

1-3.2 Reference Designation Column. This column contains all reference designations used in this IPB and assigned in the unit.

1-3.3 Locator Column. This column is used when an illustration or figure represents a circuit card or similar assembly which is subdivided by a grid pattern (usually delineated on the card assembly by the manufacturer). The numeric-alpha code used in this instance delineates the close location of the particular component(s). The characters PXX following the dash in a locator designation denote the identifying pin number to which a component is connected, e.g., 1Z-P3 (reads "Locator zone 1Z, pin 3"). When a number and letter code is absent, this will indicate that the



particular grid space remains devoid of components

A special notation system has been employed to locate individual resistor network components, it conforms to the identification of these items on schematic diagrams. The resistor network areas have been outlined on the illustrations. A typical coding entry is R/A-P1 which reads "Resistor Network A, pin 1". Components in the same network (including repeated items) are listed numerically by pin number, without regard to locator zones.

1-3.4. Description Column. The names used are the same as those assigned on the manufacturing drawings or in the Defense Supply Agency Cataloging Handbook H6. Attaching parts are listed immediately below the items which they attach. The relation of each part to its next higher assembly is either shown by indentation or cross reference. Where a description declares "SAME AS xxx," this indicates that this line item is identical to its first appearance entry in the GAPL for that figure. All tolerances are assumed to be "plus or minus", unless otherwise noted.

1-3.4.1 Indention Parts listed in this column are indented to indicate item relationship or NHA. The description of each assembly is followed in the list (excepting for attaching parts) by the descriptions of its components indented one column to the right. This indention indicates the relationship of the component to the assembly. To determine the next higher assembly of a part or assembly, note the column in which the initial letter of the description appears. The first item directly above, which appears one column to the left, is the NHA (except for attaching parts).

1-3.4.2. Cross Reference. The notation ("See Figure \_\_\_\_\_ for breakdown") following the description of a part indicates that further breakdown of the part will be shown on the figure noted. The notation ("See Figure \_\_\_\_\_ for NHA") following the description of a part indicates that the correct assembly relationship of a part will be shown on the figure and index number noted

1-3.5. Part Number Column. Part numbers used in this column are selected according to the following order of preference military standards, design activity numbers and vendor numbers

The part numbers in this manual have been converted by deleting all dashes and spaces between alphabetic and numerical characters. All diagonals (/) denoting fractions in part numbers remain, and diagonals between alphabetic and numerical characters have been deleted.

1-3.6. Code Identification Column. The codes listed in this column comprise a five-digit code of the actual manufacturer. This is obtained in accordance with the Federal Supply Code for Manufacturer's Cataloging Handbooks H4-1 and H4-2 and any amendments thereto. Where a coded identification number is not entered, the individual item responsibility remains that of the prime contractor. A numerical listing of the applicable manufacturer's codes for this IPB volume is included at the end of Section I, see Table 11

1-3.7. Units Per Assembly Column. The quantity shown in this column represents the units required for one next higher assembly, or subassembly. The notation "REF" (Reference) indicates this item

has been previously listed under its next higher assembly. The "See Fig." notation in the description of the item will indicate the figure and index number at which the units per assembly can be determined.

The notation "OPT" indicates this item is to be used in the OCRA(A) or DUAL (AB) machine configuration

1-3.8. Usable On Code Column To document the option of available type fonts (OCRA, OCRB, OCR-DUAL), an A, B, or AB entry in the Usable On Code column is used to designate those components required for a specific configuration.

The absence of a code symbol in this column indicates that this part is used in all models or assemblies covered by this technical manual.

14 NUMERICAL INDEX This section contains an alphanumeric listing of all parts that comprise the article

1-4.1 Part Number Column The order of precedence in beginning the part number arrangement of the first (left-hand) position of the part number is as follows

Letters A through Z

Numerals 0 through 9

The second and succeeding positions of the part number from left to right is as follows

(1) Space (blank column)

(2) Diagonal (slant)

(3) Point (period)

(4) Dash (-)

(5) Letters A through Z

(6) Numerals 0 through 9

Part numbers which remain "To Be Determined", e.g., TBD1, are listed in alphanumeric sequence in the part number column.

1-4.2 Figure and Index Number Column. The entries in this column provide a cross reference by means of figure and index numbers to the listing of the part number in Section II (GAPL)

1-4.3 Quantity Per Article. The quantity shown in this column is the total quantity required for each article. The abbreviation "REF" (Reference) indicates that this item has been listed twice in Section II (GAPL), once under its next higher assembly with the total quantity used and once as a reference item where a detailed breakdown is listed.

1-4.4 Source Code Column Source codes indicate to maintenance and supply personnel the source of acquisition for the item for replacement purposes, i.e., procured, stocked, manufactured, or assembled Source codes, when and if assigned, are Source, Maintenance and Recoverability Codes assigned in accordance with TO 00-25-195 SMR codes are listed for first appearance items only.

1-4.5 Repair Code Column The use of this column shall remain at the description of the prime contractor

1-5 REFERENCE DESIGNATION INDEX The Reference Designation Index lists the electrical part reference designation numbers (first column) with their corresponding part numbers (third column) in an alphanumeric sequence as described in paragraph 1-4.1 for the

**Numerical Index.**

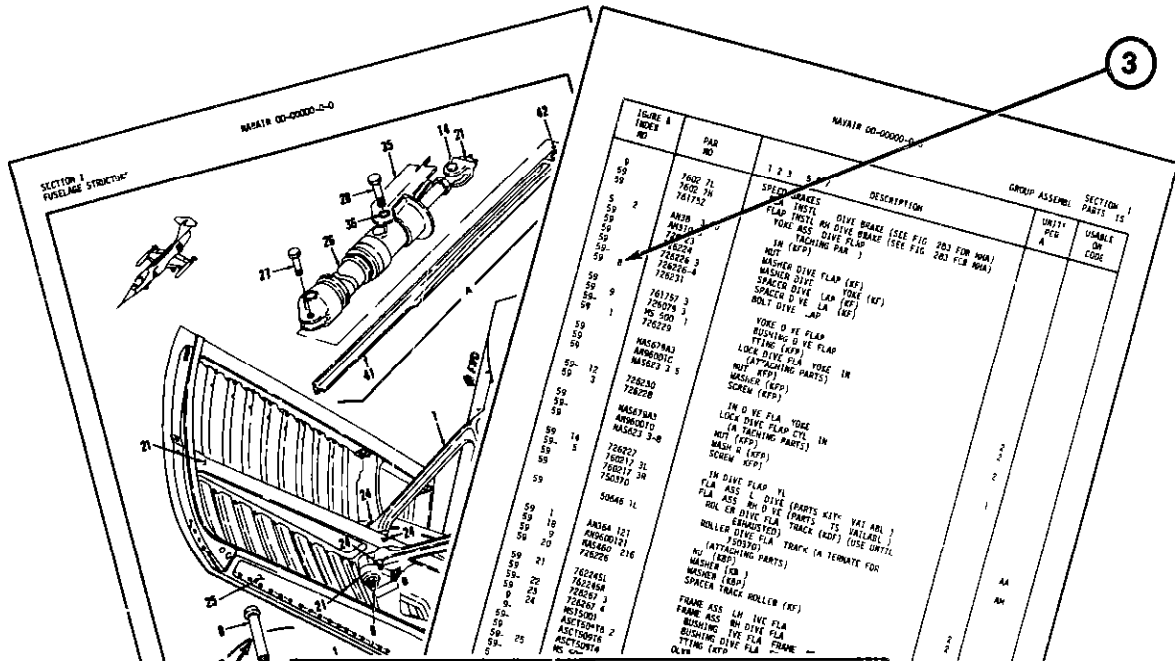
The figure and index numbers for locating a part in Section II (GAPL) appear opposite each reference designation number (in the second column). The part number remains in its original alphanumeric presentation

The notation "(13Z)" following the unit nomenclature denotes the locator zone (in lieu of a reference designation) of a reference item, e.g., 1A3(13Z) which reads "Subassembly 1A3, Locator Zone 13Z).

1-6. **ABBREVIATIONS.** Abbreviations used in this manual are in accordance with MIL-STD-12C

1-7. **HOW TO USE THE ILLUSTRATED PARTS BREAKDOWN** Instructions on how to use the Illustrated Parts Breakdown are shown on the following pages.

# HOW TO USE THE ILLUSTRATED PARTS BREAKDOWN



NA 1 00 0000-0

TAB E O CONTENTS

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2 348	Hydra 1 ge 5 ton 50
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2 358	Fus 1 ge 5 ton 50
2 360	Fus 1 ge 5 ton 50
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2 386	Fus 1 ge 5 ton 50
2 387	Fus 1 ge 5 ton 50
2 388	Fus 1 ge 5 ton 50
2 389	Fus 1 ge 5 ton 50
2 390	Fus 1 ge 5 ton 50

## WHEN THE PART NUMBER IS NOT KNOWN

- 1 Determine the function and application of the part required. Turn to the Table of Contents and select the appropriate title. Note the illustration page number.
- 2 Turn to the page indicated and locate the desired part on the illustration.
- 3 From the illustration obtain the index number assigned to the part desired. Refer to the accompanying description for specific information regarding the part.

# HOW TO USE THE ILLUSTRATED PARTS BREAKDOWN

The diagram illustrates the process of finding a part's location in a pictorial breakdown. It includes three main reference tables:

- Section III Numerical Index:** Lists part numbers and their corresponding figure and index numbers. For example, part number 6027 is associated with figure 7 and index 02.
- Section IV Reference Designation Index:** Lists reference designations and their corresponding figure and index numbers. For example, reference designation 6027 is associated with figure 7 and index 02.
- Section V Reference Designation Index:** Lists reference designations and their corresponding figure and index numbers. For example, reference designation 6027 is associated with figure 7 and index 02.

Arrows labeled 1 through 6 show the following process:

- Start with a part number (e.g., 6027) in the Numerical Index.
- Find the figure and index number (e.g., 7 and 02) for that part number.
- Use these numbers to find the reference designation in the Reference Designation Index.
- Use the reference designation to find the figure and index number in the Reference Designation Index.
- Use these numbers to find the part's location in the pictorial illustration.
- Verify the part's location in the pictorial illustration.

## WHEN THE PART NUMBER OR REFERENCE DESIGNATION IS KNOWN

- 1** When the part number is known refer to Section III Numerical Index. Locate the part number and note the figure and index number assigned to the part number.
- 2** Turn to the figure number indicated and locate the index number referenced in the Numerical Index.
- 3** If a pictorial representation of the part or its location is desired refer to the same index number on the accompanying illustration.

- 4** When the reference designation is known refer to Section IV Reference Designation Index. Locate the reference designation and note the figure and index number and the part number assigned.
- 5** Turn to the figure indicated and locate the index number referenced in the Reference Designation Index.
- 6** If a pictorial representation of the part or its location is desired refer to the same index number on the accompanying illustration.

Table 1-1 MANUFACTURERS' CODE LIST

CODE	MANUFACTURERS NAME AND ADDRESS
00141	PIC Design Corporation P.O. Box 335 Benrus Center Ridgefield, CT 06877
00156	Inertial Motors Corp 270 N. Broad St Doylestown, PA 18901
00287	CEM Company, Inc 24 School Danielson, CT 06239
00328	Sterling Instrument Division of Designatronics, Inc 55 S Denton Avenue New Hyde Park, NY 11040
00494	Addressograph Multigraph Corp 1200 Babbitt Road Cleveland, OH 44117
00779	AMP, Inc P O Box 3608 Harrisburg, PA 17105
01295	Texas Instruments, Inc Semiconductor Group P O Box 5012 13500 N. Central Expressway Dallas, TX 75222
01556	Heli-coil Corporation Insert Products Division Danbury, CT 06180
01599	Reid Tool Supply Company 2233 Temple Street Muskegon Heights, MI 49444
01766	International Crystal Mfg Company, Inc 10 N Lee Avenue Oklahoma City, OK 73102
01963	Cheery Electrical Products Corporation 3600 Sunset Avenue Waukegan, IL 60085



Table 1-1 MANUFACTURERS' CODE LIST

CODE	MANUFACTURERS NAME AND ADDRESS
02114	Ferroxcub Corp. P O. Box 359 Mt Marion Road Saugerties, NY 12477
02660	Bunker Ramo Corp Amphenol Connector Division 2801 S 24th Avenue Broadview, IL 60153
02697	Parker Seal Company Division of Parker-Hannifin Corporation 2360 Palumbo Drive Lexington, KY 40509
02763	Griffe Machining and Mfg. Company 15642 Common Road Roseville, MI 48066
03007	Guden, H.A , Co., Inc 1375 Bangor Street P O. Box 297 Copiague, L I , NY 11726
03508	General Electric Company Semiconductor Products Dept Electronics Park Syracuse, NY 13201
04552	Emerson and Cumming, Inc. 59 Walpole Canton, MA 02021
04713	Motorola, Inc Semiconductor Products Division 5005 E. McDowell Road Phoenix, AZ 85036
04729	UNICORP, Inc 534 Mitchell Street Orange, NJ 07050
04963	Minnesota Mining and Mfg. Company Adhesives Coatings and Sealers Div 3M Center St. Paul, MN 55101

Table 1-1 MANUFACTURERS' CODE LIST

CODE	MANUFACTURERS NAME AND ADDRESS
05397	Union Carbide Corp. Materials Systems Division 1191 Madison Ave. Cleveland, OH 44102
05820	Wakefield Engineering, Inc. Audubon Road Warefield, MA 01880
05972	Loctite Corp 705 N. Mountain Road Newington, CT 06111
06001	General Electric Company Electronic Capacitor & Battery Products Dept P O. Box 158 Irmo, SC 29063
06004	Basic Division Stewart-Warner Corporation 960 Atlantic Street Bridgeport, CT 06004
06383	Panduit Corporation 17301 Ridgeland Tinley Park, IL 60477
06540	Amatom Electronic Hardware Division of MITE Corp. New Rochelle, NY 10802
06751	Components, Inc Semcor Division 3540 Osborn Road Phoenix, AZ 85019
06776	Robinson Nugent Inc. P O Box 470 800 E 8th St New Albany, IN 47150
06915	Richco Plastic Company 5825 N Tripp Avenue Chicago, IL 60646
07060	Conover, C E and Company, Inc 333 Passaic Avenue Fairfield, NJ 07006

Table 1-1 MANUFACTURERS' CODE LIST

CODE	MANUFACTURERS NAME AND ADDRESS
07263	Fairchild Semiconductor Division of Fairchild Camera & Instrument Corp. 464 Ellis Street Mountain View, CA 94042
07597	Burndy Corp., Tape Cable Division Linden Industrial Park Rochester, NY 14625
08807	General Electric Company Photo Lamp Dept NELA Park Cleveland, OH 44112
09353	C & K Components, Inc 103 Morse Street Watertown, MA 02172
09969	Dale Electronics, Inc Sioux Division Yankton, SD 57078
13103	Thermalloy Company 8717 Diplomacy Row Dallas, TX 75247
13603	Sprayflow, Inc 1295 N W. 163rd Street Miami, FL 33169
14519	Designatronics, Inc 55 S Denton Avenue New Hyde Park, NY 11040
15605	Cutler-Hammer, Inc 4201 N. 27th Street Milwaukee, WI 53216
16179	Omni-Spectra Inc 24600 Hallwood Court Farmington, MN 48024
16554	Electroid Company 95 Progress Street Union, NJ 07083
16858	Sequential Information Systems, Inc 145 Palisades Street Dobbs Ferry, NY 10522

Table 1-1 MANUFACTURERS' CODE LIST

CODE	MANUFACTURERS NAME AND ADDRESS
17117	Electronic Molding Corporation 96 Mill Street Woonsocket, RI 02895
18324	Signetics Corporation 811 East Arques Sunnyvale, CA 94086
19449	Berk-Tek, Inc. Box 60, R.D. 1 Reading, PA 19607
19738	AVDEL Corporation Ten Henry Street Teterboro, NJ 07608
21845	Solitron Devices, Inc Transistor Division 1177 Blue Heron Blvd Riviera Beach, FL 33404
23050	Product Components Corporation 30 Lorraine Avenue Mt Vernon, NY 10553
23880	Stanford Applied Engineering, Inc 340 Martin Ave Santa Clara, CA 95050
24699	OPAMP Labs 172 S Alta Vista Blvd Los Angeles, CA 90036
25471	IOTA Cam Corporation 28 Teal Road Wakefield, MA 01881
26425	Astrodyne Inc 141 Albertson Avenue Albertson, NY 11507
27014	National Semiconductor Corp 2900 San Ysidro Way Santa Clara, CA 95051
27264	MOLEX Products Company 5224 Katrine Avenue Downers Grove, IL 60515

Table 1-1 MANUFACTURERS' CODE LIST

CODE	MANUFACTURERS NAME AND ADDRESS
27675	Design Transformer Corporation 29-16 40th Avenue Long Island City, NY 11101
28357	Datatron Inc. 1562 Reynolds Avenue Santa Ana, CA 92705
28584	Data Products Core Memories Inc. 2525 Charleston Road Mountain View, CA 94040
29440	Winfred M Berg, Inc 499 Ocean Avenue East Rockaway, LI 11518
30442	Caton Industries, Inc 45 Walnut Avenue Clark, NJ 07066
31356	J-B-T Instruments, Inc 424 Chapel Street P O. Box 1818 New Haven, CT 06058
31433	Union Carbide Corporation Material Systems Division Components Department Highway 276, S E. Greenville, SC 29606
32997	Bourns, Inc Triplot Products Division 1200 Columbia Avenue Riverside, CA 92507
33297	Electronic Arrays, Inc 501 Ellis Street Mountain View, CA 94040
33809	Texas Instruments, Inc P O Box 5012 13500 N Central Expressway Dallas, TX 75222

Table 1-1 MANUFACTURERS' CODE LIST

CODE	MANUFACTURERS NAME AND ADDRESS
34275	L O Koven and Brothers, Inc. 60 Harding Avenue Dover, NJ 07801
34335	Advanced Micro Devices 901 Thompson Place Sunnyvale, CA 94086
34649	Intel Corporation 365 Middlefield Road Mountain View, CA 94040
35197	Lau Inc. 2027 Home Avenue Dayton, OH 45407
37327	Microsystems International Ltd P.O. Box 3529, Station C 75 Moody Drive Ottawa, Ontario, Canada
44655	Ohmite Mfg Company 3601 W. Howard Street Skokie, IL 60076
46384	Penn Engineering and Mfg Corporation Old Easton Highway Doylestown, PA 18901
47348	Pioneer Engineering and Mfg Company 2500 E Nine Mile Road Warren, MI 48091
49671	RCA Corporation 30 Rockefeller Place New York, New York 10020
50394	Standard Pressed Steel Company Precision Industrial Products Division Highland Avenue Jenkintown, PA 19046
52072	Circuit Assembly Corp 3169 Redhill Avenue Costa Mesa, CA 92626
53387	Minnesota Mining & Mfg Co Electronic Products Div , 3 M Center St Paul, MN 55101

Table 1-1 MANUFACTURERS' CODE LIST

CODE	MANUFACTURERS NAME AND ADDRESS
54687	CompuScan, Inc. 900 Huyler Street Teterboro, NJ 07608
56289	Sprague Electric Company North Adams, MA 01247
56878	Standard Pressed Steel Company Box 608 Benson East Jenkintown, PA 19046
59730	Thomas and Betts Company 36 Butler Street Elizabeth, NJ 07207
59870	Thompson Emory Machine and Supply Co 1349 Inwood Avenue Bronx, NY 10452
60380	The Torrington Company Subsidiary of Ingersol-Rand Corp. 59 Field Street Torrington, CT 06790
70903	Belden Corporation 2000 S Botavia Avenue Geneva, IL 60134
71002	Birnbach Company, Inc 177 Hanse Avenue Freeport, L I , NY 11520
71176	Browning Manufacturing Division Emerson Electric Company Main and Chester Streets Maysville, KY 41056
71279	Cambridge Thermionic Corporation 445 Concord Avenue Cambridge, MA 02138
71400	Bussmann Mtg Division of McGraw-Edison Co 2536 W. University Street St Louis, MO 63107
71468	ITT Cannon Electric 666 E Dyer Road Santa Ana, CA 92702

Table 1-1 MANUFACTURERS' CODE LIST

CODE	MANUFACTURERS NAME AND ADDRESS
71590	Centralab Electronics Div. of Globe-Union, Inc 5757 N Greenbay Avenue Milwaukee, WI 53201
71785	TRW Electronic Components Cinch Connector Operations 1501 Morse Avenue Elk Grove Village, IL 60007
71871	De Laval Separator Company Filter Division 350 Dutchess Turnpike Poughkeepsie, NY 12602
72619	Dialight Corporation Subsidiary of Digitronics Corporation 60 Stewart Avenue Brooklyn, NY 11237
72962	Englewood Electrical Supply Company 5801 S. Halsted Chicago, IL 60621
72982	Erie Technological Products, Inc 644 W. 12th Street Erie, PA 16512
73138	Beckman Instruments, Inc. Helipot Division 2500 Harbor Blvd Fullerton, CA 92634
73277	E. F. Houghton & Company 303 W. Lehigh Avenue Philadelphia, PA 19133
73803	Texas Instruments, Inc Metallurgical Materials Division 34 Forest Street Attleboro, MA 02703
73949	Guardian Electric Mfg Company 1550 West Carroll Avenue Chicago, IL 60607



Table 1-1 MANUFACTURERS' CODE LIST

CODE	MANUFACTURERS NAME AND ADDRESS
74545	Harvey Hubbell Inc. State St. and Bostwick Ave Bridgeport, CT 06602
75037	Minnesota Mining and Mfg. Co Electro Products Div 3M Center St. Paul, MN 55101
75376	Kurz-Kasch Inc 1421 S. Broadway Dayton, OH 45401
75491	Lafayette Industrial Electronics Inc. New Hyde Park L.I., NY 11040
75915	Littelfuse, Inc 800 E. Northwest Hwy. Des Plaines, IL 60016
76385	Minor Rubber Co., Inc 49 Ackerman St. Bloomfield, NJ 07003
77342	AMF Inc Potter and Brumfield Div P O Box 522 1200 E Broadway Princeton, IN 47570
78189	Illinois Toolworks Inc Shakeproof Div St Charles Road Elgin, IL 60126
79136	Waldes Kohinoor Inc 47-16 Austel Pl Long Island City, NY 11101

Table 1-1 MANUFACTURERS' CODE LIST

CODE	MANUFACTURERS NAME AND ADDRESS
79963	Zierick Mfg. Company Radio Circle Mt. Kisco, NY 10549
80089	Essex International Inc. Controls Div. 131 Godfrey Street Logans Port, IN 46947
80131	Electronics Industries Association
80205	National Aerospace Standards Committee Aerospace Industries Assoc. of America, Inc 1725 De Sales Street, N.W Washington, DC 20036
80294	Bourns, Inc Instrument Div 6135 Magnolia Avenue Riverside, CA 92506
81073	Grayhill, Inc 561 Hillgrove Avenue La Grange, IL 60525
81312	Litton Industries, Inc Winchester Electronics Div Street and Hillside Avenue Oakville, CT 06779
81349	Military Specifications
81352	Air Force-Navy Specifications Promulgated by Aeronautical Standards Group
82647	Texas Instruments, Inc Control Products Division 34 Forest Street Attleboro, MA 02703
82877	Rotron, Inc 7-9 Hasbrook Lane Woodstock, NY 12498
83014	Hartwell Corporation 9035 Venice Blvd Los Angeles, CA 90034

Table 1-1 MANUFACTURERS' CODE LIST

CODE	MANUFACTURERS NAME AND ADDRESS
83086	J C. Berkwit and Co 551 5th Ave New York, NY 10017
83330	Herman H Smith, Inc 812 Snediker Ave Brooklyn, NY 11207
84830	Lee Spring Co., Inc 30 Main Street Brooklyn, NY 11201
86577	Precision Metal Products of Mauldin Inc. 41 Elm Street Stoneham, MA 02180
86928	Seastrom Mfg. Co , Inc 701 Sonora Ave Glendale, CA 91201
87025	Manhattan Perforated Metal Co , Inc 4317 37th St Long Island City, NY 11101
88044	Aeronautical Standards Group Dept of Navy and Air Force
88204	Sylvania Electric Products Inc Lighting Products Div. Ipswich, MA 09138
88869	The Singer Company Instrumentation Division 3211 South Lane, Cienega Blvd Los Angeles, CA 90061
90201	Mallory Capacitor Co 3029 E Washington St P O Box 372 Indianapolis, IN 46206
91506	Augat, Inc 33 Perry Ave. Attleboro, MA 02703
91637	Dale Electronics, Inc. P O Box 609 Columbus, NE 68601

Table 1-1 MANUFACTURERS' CODE LIST

CODE	MANUFACTURERS NAME AND ADDRESS
91833	Keystone Electronics Corp 49 Bleecker New York, NY 10012
91929	Honeywell, Inc. Micro Switch Div Chicago & Spring Streets Freeport, IL 61032
92914	Alpha Wire Corp 711 Lidgerwood Ave Elizabeth, NJ 07207
92702	I M.C. Magnetics Corp Eastern Division 570 Main Street Long Island, NY 11591
94222	Southco, Inc. Lester, PA 19113
94943	Saxon Drafting Equipment Corp 442 Frelinghuysen Avenue Newark, NJ 07114
95263	Leecraft Mfg. Company, Inc 21-16 44th Road Long Island City, NY 11101
95987	Weckesser Co., Inc 4444 W. Irving Park Road Chicago, IL 60641
96906	Military Standards
98496	Vlier Engineering Corporation Wespo Division 801 Burlington Avenue Downers Grove, IL 60515
99942	Centralab Semiconductor Centralab Electronics Div. of Globe-Union, Inc 4501 N Arden Drive El Monte, LA 99942

**SECTION II**  
**GROUP ASSEMBLY PARTS LIST**

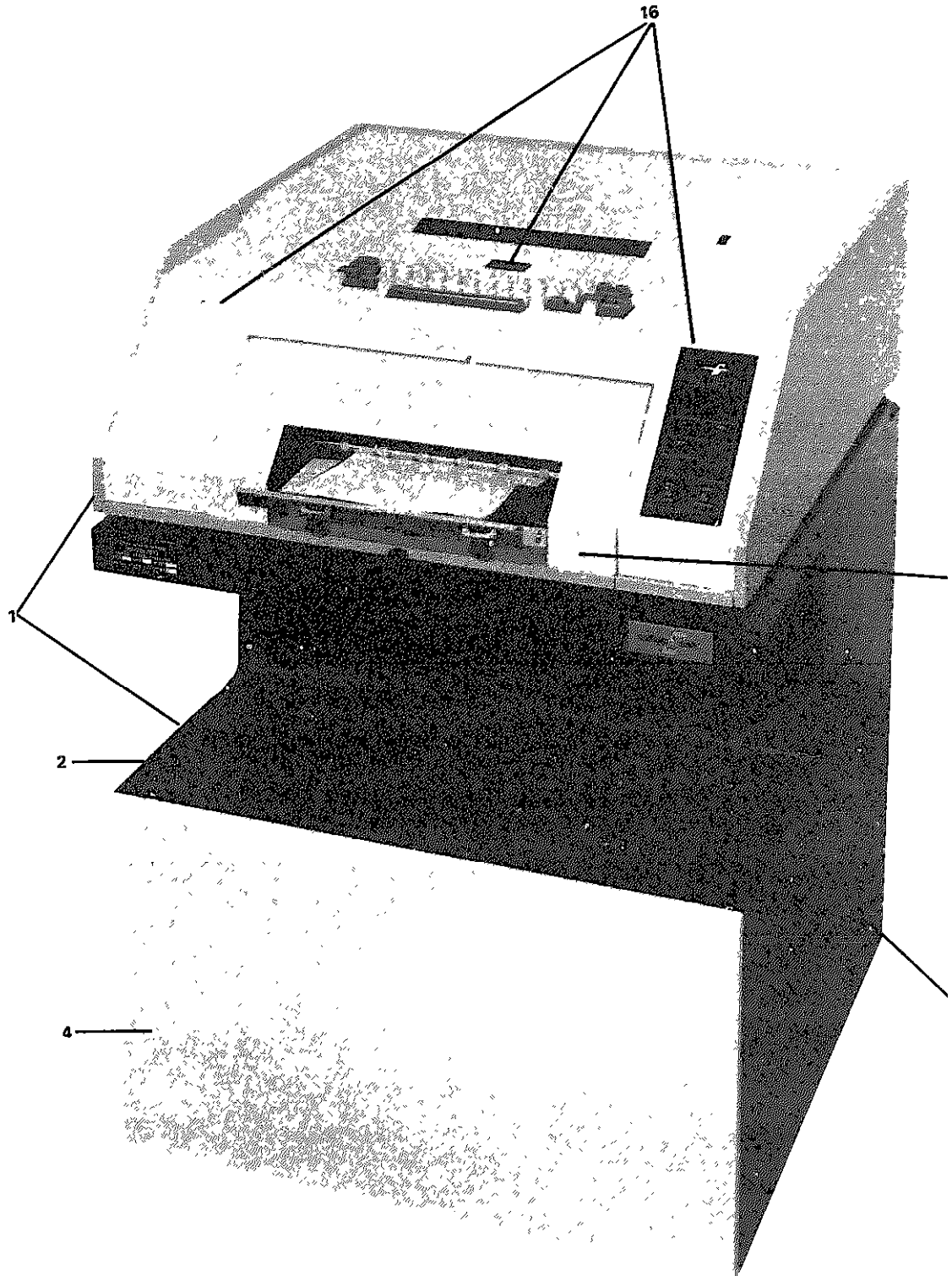


Figure 1. Optical Character Reading System RP238/CYX (Alpha) (Sheet 1 of 3)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
1		OPTICAL CHARACTER READING SYSTEM (ALSO PN 102100-1, FMSC 54687)	RP238GYX	80058	1	
-1	IA1	CABINET ASSEMBLY (SEE FIGURE 2 FOR BREAKDOWN)	102057	54687	1	
-2		COVER, ACCESS, CCRS (ATTACHING PARTS)	102057-3	54687	1	
-3		SCREW, CAP, SOCKET HEAD ---*---	MS16995-188	96906	8	
-4		COVER, ACCESS, FRONT (ATTACHING PARTS)	102057-6	54687	1	
-5		SCREW, SHOULDER, SLOTTED HEAD, BLACK DIA, 8-32 X 1/4-INCH LG ---*---	4326	00141	4	
-6	IA2	POWER SUPPLY ASSEMBLY (SEE FIGURE 3 FOR BREAKDOWN) (ATTACHING PARTS)	102240-1	54687	1	
-7		SCREW, MACHINE	MS35309-305	96906	4	
-8		WASHER, FLAT	MS27183-9	96906	4	
-9		WASHER, LOCK	MS35338-139	96906	4	
-10		SPACER, SLEEVE, HEX, 1/2-INCH DIA X 1/2-INCH LG ---*---	9259A257-16	06540	4	
-11	IA3	MAIN WIRE WRAP BOARD ASSEMBLY (SEE FIGURE 11 FOR BREAKDOWN) (ATTACHING PARTS)	102516-2	54687	1	
-12		SCREW, MACHINE	MS35222-43	96906	10	
-13		WASHER, LOCK, INT TOOTH ---*---	MS35333-38	96906	10	
-14	IA4	EXTERNAL MEMORY ASSEMBLY (SEE FIG- URE 12 FOR BKDN, FIG 2-31 FOR AP)	102374	54687	1	
-15	IA5	PAGE FEEDER ASSEMBLY (SEE FIGURE 13 FOR BREAKDOWN)	101899-2	54687	1	
-16	IA6	CONTROL CONSOLE ASSEMBLY (SEE FIGURE 14 FOR BREAKDOWN)	102319-3	54687	1	
-16A		LEVER, ARM, LH	102345-1	54667	1	

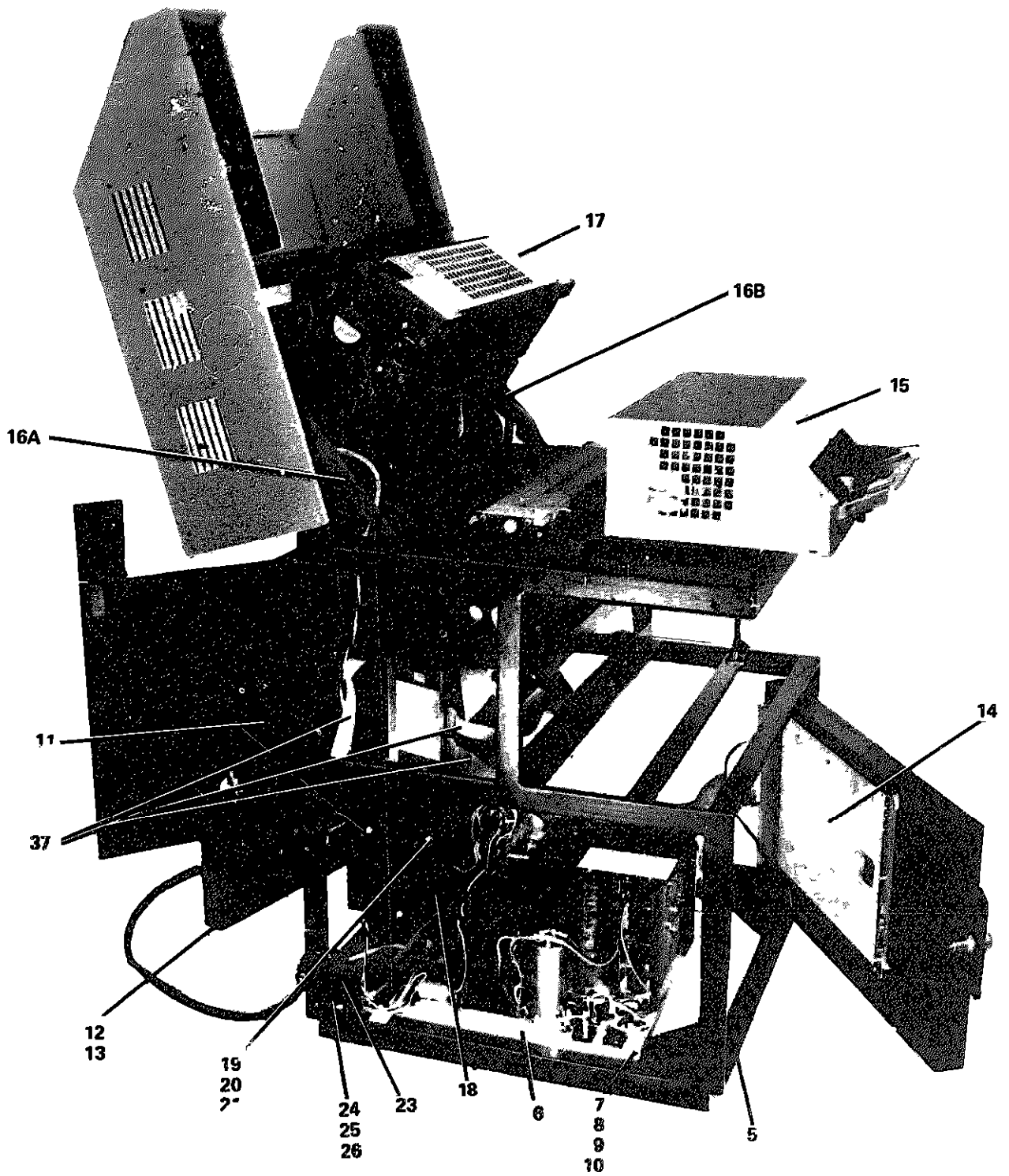


Figure 1: OCRS-RP238/CYX (Alpha) Enclosure Removed (Sheet 2 of 3)



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO.	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
1						
-16B		• LEVFR,ARM,RH(SEE FIG. 2-7,8 AND FIG 26-6,7 FOR ATTACHING PARTS)	102345-2	54687	1	
-17	1A7	• READ HEAD AND PAPER DRIVE ASSY (SEE FIGURE 20 FOR BREAKDOWN)	102328-1	54687	1	
-18	1A8	• PAD TEST PANEL ASSEMBLY (SEE FIGURE 23 FOR BREAKDOWN) (ATTACHING PARTS)	103659	54687	1	
-19		• SCREW,MACHINE	MS35233-63	96906	3	
-19A		• WASHER,FLAT	MS27183-8	96906	6	
-20		• WASHER,LOCK,SPLIT	MS35338-138	96906	6	
-21		• SPACER,SLEEVE,HEX,10-32 THRD	1727M12F05A1032	04729	3	
-22		• NUT,PLAIN,HEX -----*	MS35649-204	96906	3	
-23	1A9	• PANEL ASSY,REAR CONNECTOR(SEE FIG. 25 FOR BRKDN) (ATTACHING PARTS)	103618	54687	1	
-24		• SCREW,MACHINE	MS51957-45	96906	4	
-25		• WASHER,FLAT	MS27183-7	96906	4	
-26		• WASHER,LOCK -----*	MS35338-137	96906	4	
-27	1A10	• READ HEAD DIGITAL CKT CD ASSY(SEE FIG. 26 FOR BRKDN)	102926	54687	1	
-28	1A11	• LED GENERATOR CKT CD ASSY (SEE FIG. 27 FOR BRKDN)	1025153	54687	1	
-29	1A12	REFERENCE ALPHABET CKT CD ASSY-OCRB USE(SEE FIG 28 FOR BRKDN)	103395-2	54687	1	B
-29A	1A12	• REFERENCE ALPHABET CKT CD ASSY-OCRA USE(SEE FIG 28 FOR BRKDN)	1063395-1	54687	OPT	A
-30	1A13	• TEMPEST(SRECO)CKT CD ASSY-OCRB USE(SEE FIG 29 FOR BRKDN)	102905-2	54687	1	B
-30A	1A13	• TEMPEST(SRECO)CKT CD ASSY-OCRA USE(SEE FIG. 29 FOR BRKDN)	102905-1	54687	OPT	A
-30B	1A13	• TEMPEST(SRECO)CKT CD ASSY-DUAL USE(SEE FIG. 29 FOR BRKDN)	102905-3	54687	OPT	AB
-31	1A14	• MEMORY AND OUTPUT CONTROL CK CD ASSY(SEE FIG. 30 FOR BRKDN)	102407	54687	1	

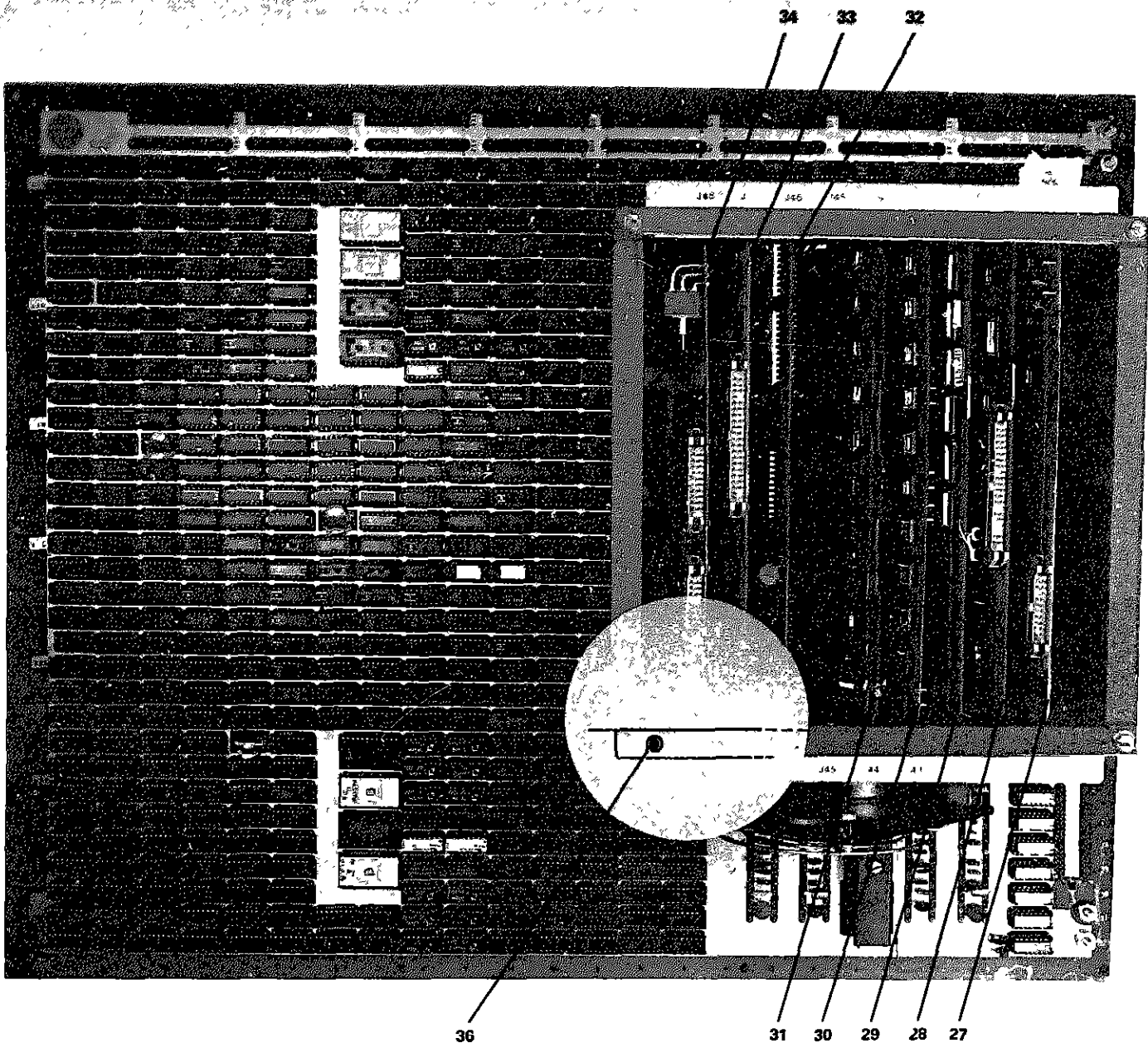


Figure 1: OCRS RP238/GYX (Alpha) Card/Rack Assembly (Sheet 3 of 3)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
1						
-32	1A15	EXECUTIVE 4K MACRO-MEMORY CKT CD ASSY (SEE FIG 31 FOR BRKDN)	103390-1	54687	1	
-33	1A16	EXECUTIVE MACRO-LOGIC CKT CD ASSY (SEE FIG 32 FOR BRKDN)	102164	54687	1	
-34	1A17	BUFFER ZERO AND MIL-188B INTER- FACE CKT CD ASSY (SEE FIG 33 FOR BRKDN)	103235	54687	1	
-35	1A18	CARD RACK ASSEMBLY (SEE FIG 34 FOR BRKDN)	103592	54687	1	
		(ATTACHING PARTS)				
-36		SCREW, MACHINE -----	MS35221-31	96906	6	
-37	1W1	INTERCONNECTING CABLE ASSEMBLIES (SEE FIGURE 35 FOR TYPICAL ASSY)	102465	54687	AR	

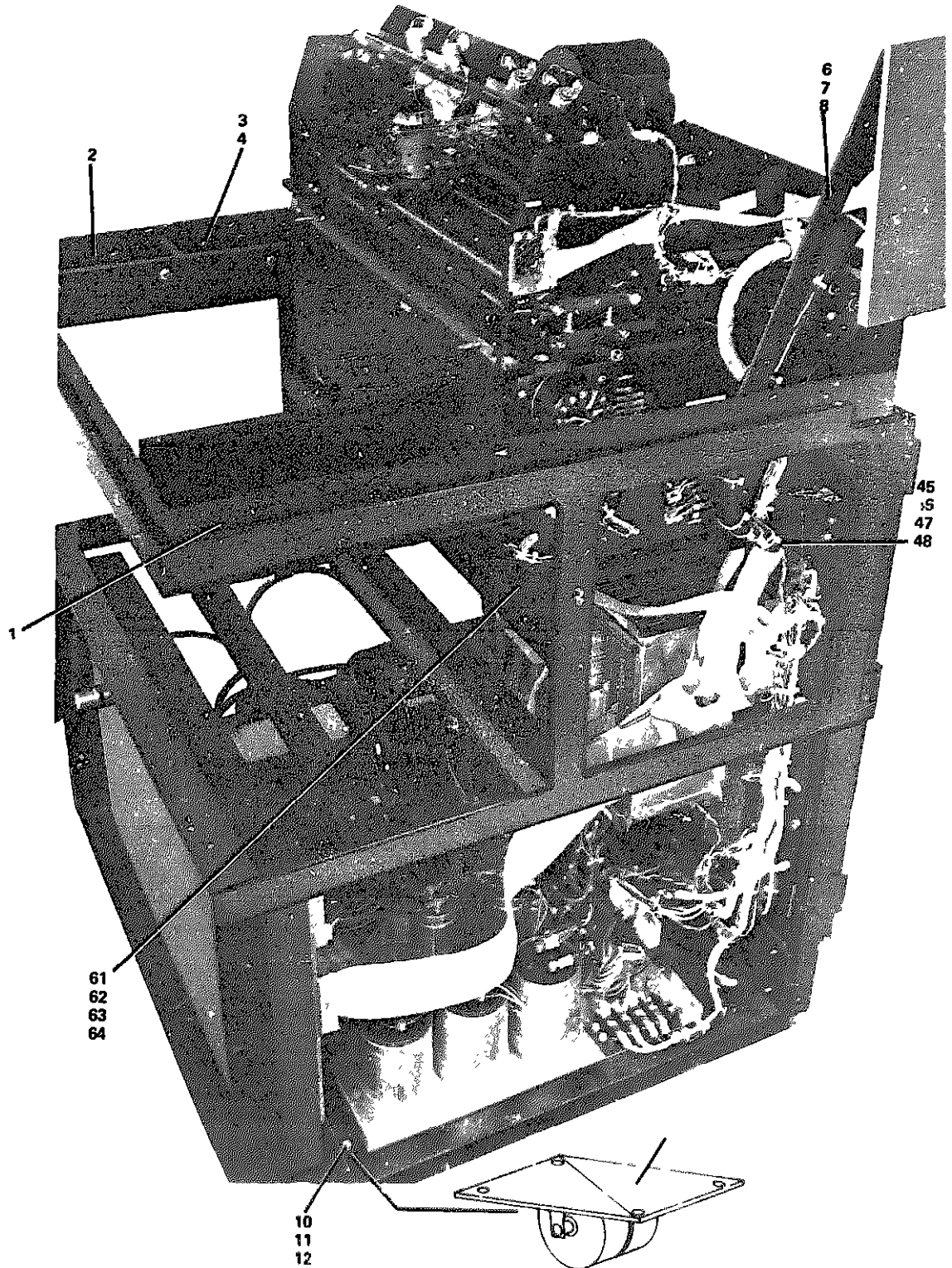


Figure 2. Cabinet Assembly Right Side 1A1 (Sheet 1 of 4)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
2	2A1	CABINET ASSEMBLY (SEE FIGURE 1-1 FOR NEXT HIGHER ASSEMBLY)	102057	54687	1	
-1		GASKET, RUBBER, SILICONE SPONGE, 1/4-INCH THICK (ATTACHING PARTS)	102057-15	54687	1	
-2		RETAINER, CRS, 25-3/4 INCHES LONG	102057-12	54687	3	
-3		SCREW, MACHINE	MS35233-26	96906	36	
-4		SPACER, 1/4-INCH O.D X 152-INCH I.D. X. 24-INCH LONG -----*	102057-13	54687	36	
-5		LEVER, ARM, LH	102345-1	54687	1	RF
-6		LEVER, ARM, RH (ATTACHING PARTS)	102345-2	54687	1	RF
-7		BRACKET, ANGLE, WELDED SPACER	102347	54687	2	
-8		SCREW, MACHINE	MS35233-33	96906	4	
-9		CASTER ASSEMBLY, RIGID	9009	06004	4	
-10		SCREW, MACHINE	MS35309-305	96906	16	
-11		WASHER, LOCK	MS35338-139	96906	16	
-12		NUT, PLAIN, HEX -----*	MS35691-1	96906	16	
-13		COVER, ACCESS, LARGE	102329-1	54687	1	
-14		COVER, ACCESS, SMALL (ATTACHING PARTS)	102329-2	54687	1	
-15		SCREW, MACHINE	MS35233-43	96906	2	
-16		WASHER, FLAT	MS27183-7	96906	2	
-17		WASHER, LOCK -----*	MS35338-137	96906	2	
-18		MARKER, IDENTIFICATION, ADHESIVE BACKED (LOGO)	103187	54687	1	
-19		RACK, ELECTRICAL EQUIPMENT	102057-4	54687	1	
-20		DELETED				
-21		LATCH SET	16-10-201-11	94222	1	
-22		STRIKE, CATCH, BLACK OXIDE	102057-10	54687	1	

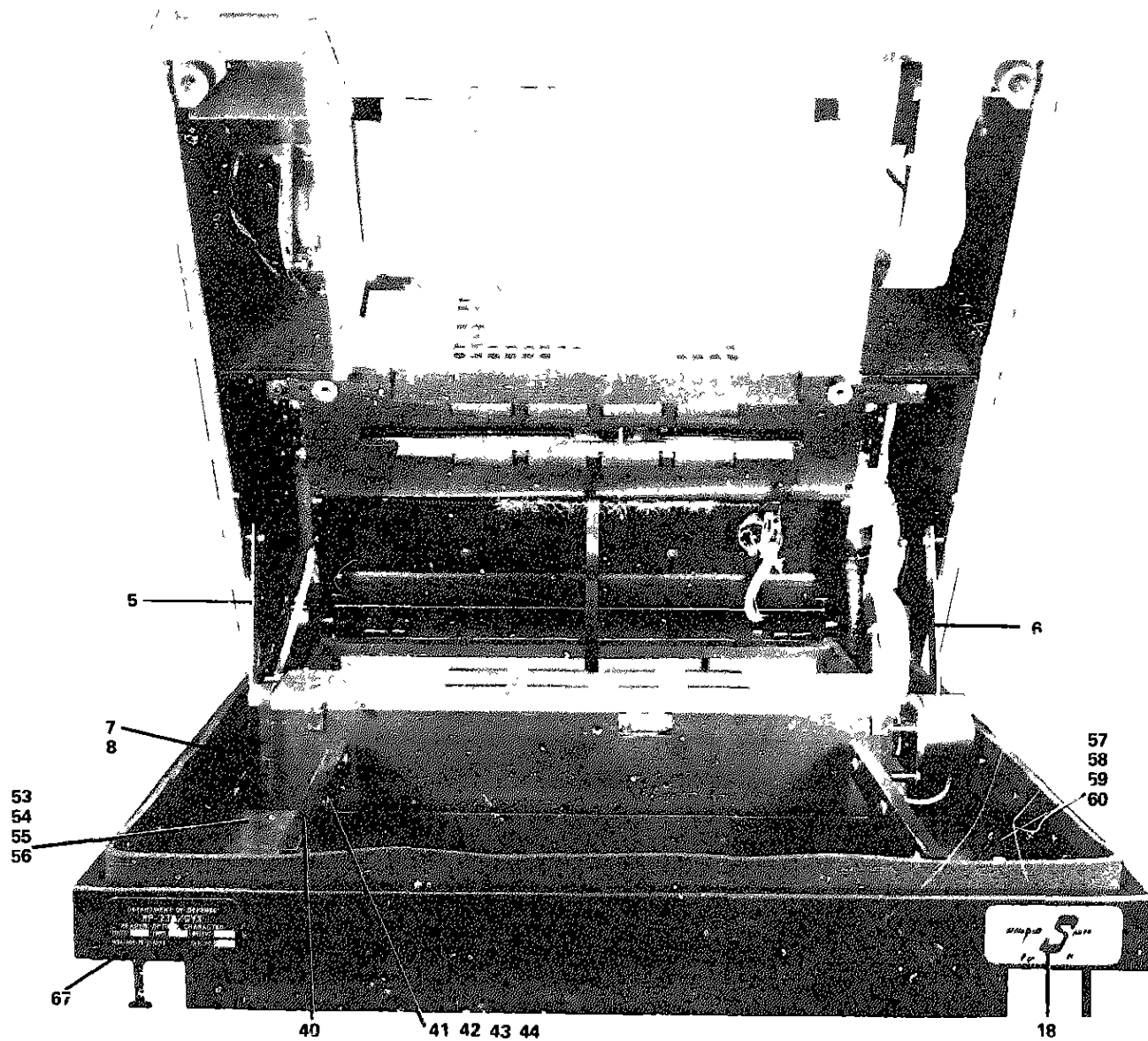


Figure 2: Cabinet Assembly Front 1A1 (Sheet 2 of 4)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
2						
-23	•	PANEL, BLANK, REAR DCCR (ATTACHING PARTS)	102057-5	54687	1	
-24	•	DELETED ---*---				
-25	•	LATCH SET, FLUSH	79-10-102-22	94222	1	
-26		SPACER	79-19-122-15	94222	1	
-27		STRIKE, CATCH, BLACK OXIDE (ATTACHING PARTS)	102057-11	54687	1	
-28		SCREW, MACHINE	MS51957-28	96906	2	
-29	•	WASHER, FLAT	MS27183-5	96906	2	
-30		WASHER, LOCK ---*---	MS35338-136	96906	2	
-31	•	PANEL, BLANK, FRONT (PART OF ASSY NO 102374-SEE FIG 12 FOR BRKDN)	102372	54687	REF	
-32	•	HINGE ASSEMBLY, SPRING-LOADED, RH	102354-3	54687	1	
-33	•	HINGE ASSEMBLY, SPRING-LOADED, LH-- SEE FIG. 3, SH 3, FOR CLARIFICATION (ATTACHING PARTS)	102354-4	54687	1	
-34	•	SCREW, MACHINE	MS35222-61	96906	4	
-35		WASHER, FLAT	MS27183-42	96906	4	
-36		WASHER, LOCK ---*---	MS35338-138	96906	4	
-36A		LATCH SET	16-10-201-11	94222	1	
-37	•	SCREW, HOLD-DOWN ASSEMBLY (ATTACHING PARTS)	SKA6	01599	7	
-38		NUT, SELF-LOCKING, HEX	79NE040	72962	2	
-39		NUT, PLAIN, HEX ---*---	MS35649-2254	96906	2	
-40	•	SKID BAR, PAGE FEEDER, DELRIN (ATTACHING PARTS)	102057-9	54687	2	
-41		SCREW, CAP, SOCKET HEAD	MS16995-518	96906	6	

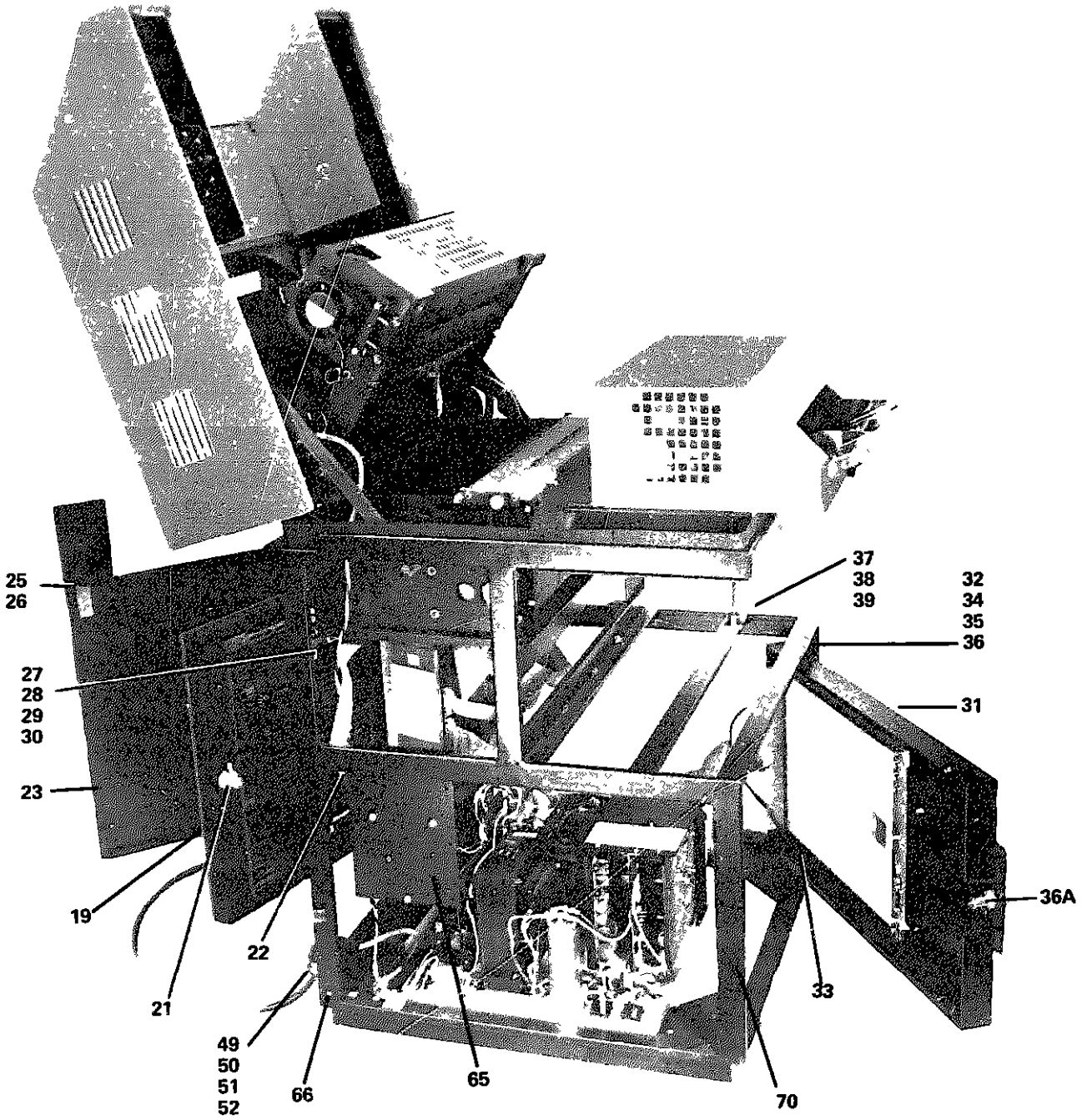


Figure 2: Cabinet Assembly 1A1 (Sheet 3 of 4)



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
2						
-42		WASHER, FLAT	MS27183-7	96906	6	
-43	•	WASHER, LOCK, INT/EXT TOOTH	MS45904-58	96906	6	
-44		WASHER, LOCK, SPLIT ---*---	MS35338-42	96906	6	
-45		BRACKET, CABLE  (ATTACHING PARTS)	102584	54687	1	
-46		SCREW, MACHINE	MS51957-43	96906	2	
-47	•	WASHER, FLAT	MS27183-7	96906	2	
-48		WASHER, LOCK ---*---	MS35338-137	96906	2	
-49		SUPPORT  (ATTACHING PARTS)	102595	54687	1	
-50		SCREW, MACHINE	MS35233-61	96906	1	
-51		WASHER, FLAT	MS27183-8	96906	1	
-52	•	WASHER, LOCK ---*---	MS35338-138	96906	1	
-53		BRACKET, ANGLE, TRAY, LH  (ATTACHING PARTS)	102057-7	54687	1	
-54	•	SCREW, CAP, SOCKET HEAD	MS16995-188	96906	4	
-55		WASHER, FLAT	MS27183-5	96906	4	
-56		WASHER, LOCK ---*---	MS35338-136	96906	4	
-57	•	BRACKET, ANGLE, TRAY, RH  (ATTACHING PARTS)	102057-8	54687	1	
-58		SCREW, CAP, SOCKET HEAD	MS16995-188	96906	4	
-59	•	WASHER, FLAT	MS27183-5	96906	4	
-60		WASHER, LOCK ---*---	MS35338-136	96906	4	
-61	•	INSERT, INT/EXT THREAD, LEVEL ADJ.	102057-14	54687	4	
-62	•	SCREW, CAP, SOCKET HEAD	MS16995-518	96906	4	

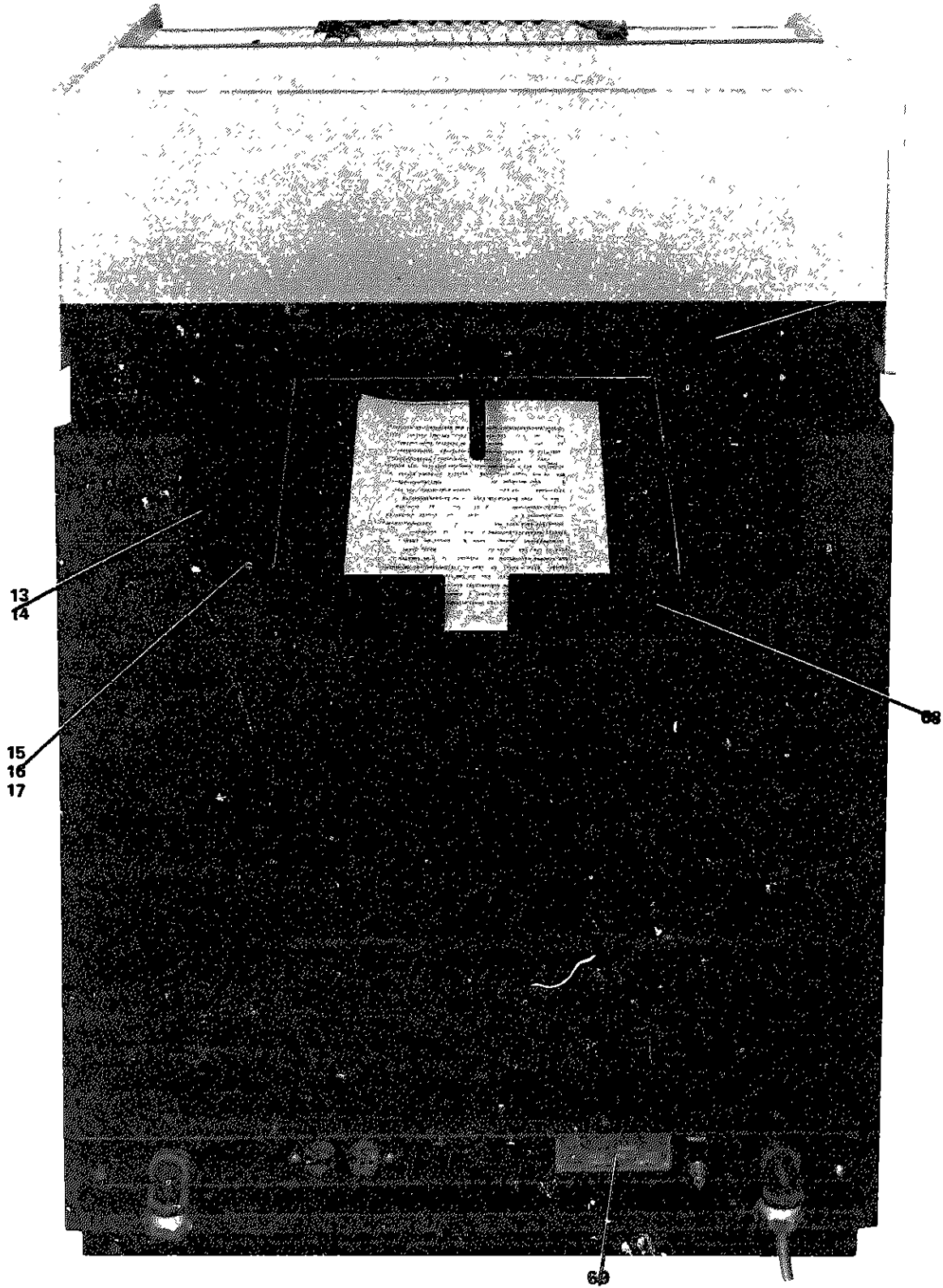


Figure 2: Cabinet Assembly Rear IA1 (Sheet 4 of 4)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
2						
-63		• WASHER, FLAT	MS27183-4	96906	4	
-64		WASHER, LOCK (INDEXES 61-64 SECURE LOWER PLATTEN ASSY TO FRAME)	MS35338-139	96906	4	
-65		• BRACKET, ANGLE, RAD TEST PANEL (FOR ATTACHING PARTS SEE FIG. 23)	102451-2	54687	1	
-66		• INSERT, THREADED	9505-06	19738	22	
-67		PLATE, IDENTIFICATION	103173	54687	1	
-68		• HOPPER, OUTPUT, PAPER	102092	54687	1	
-69		PLATE, IDENTIFICATION	100482	54687	1	
-70		FRAME, CABINET, BARE	102057-2	54687	1	

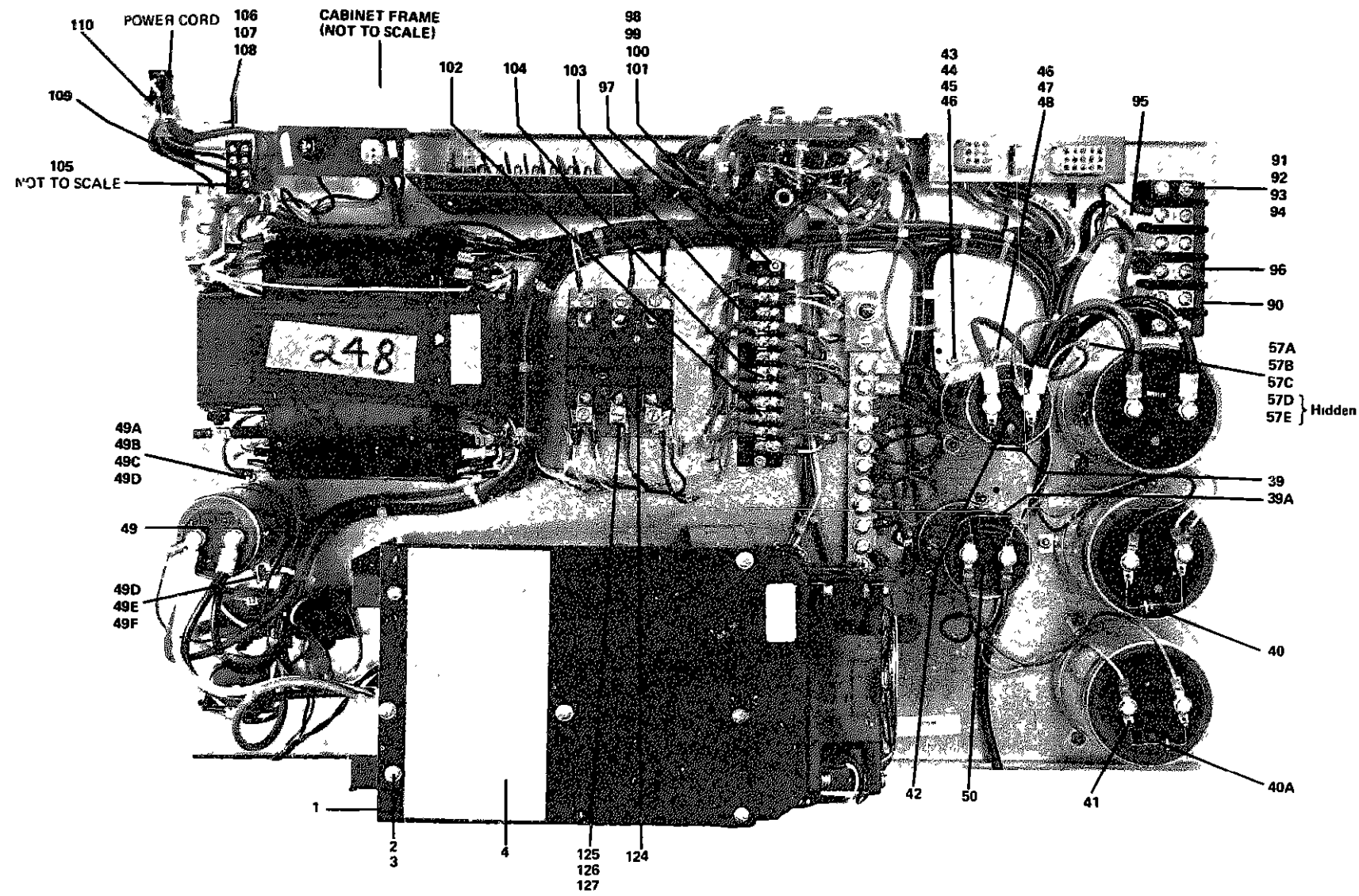


Figure 3. Power Supply Top 1A2 (Sheet 1 of 6).

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO.	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
3	1A2	POWER SUPPLY ASSY(SEE FIGURE 1-6 FOR NHA)	102240-1	54687	REF	
-1		COVER,POWER SUPPLY,CCRS (ATTACHING PARTS)	102215	54687	1	
-2		• SCREW,MACHINE	MS35233-28	96906	7	
-3		• WASHER,FLAT ----*----	MS27183-5	96906	7	
-4		• PLATE,INSTRUCTION,POWER SUPPLY	102455	54687	1	
-5	1A2A1	• POWER SUPPLY ASSY,+5 VOLT(SEE FIG. 4 FOR BREAKDOWN) (ATTACHING PARTS)	102229	54687	1	
-6		• STUD,FLUSH HEAD,10-32X1/2	FHS032-10C	46387	2	
-7		• WASHER,FLAT	MS27183-8	96906	2	
-8		WASHER,LOCK,EXT TOOTH	MS35790-17	96906	2	
-9		NUT,PLAIN,HEX ----*----	MS25082C12	96906	1	
-10	1A2A2	POWER SPLY ASSY,+12 VOLT AND READ HEAD LAMP(SEE FIGURE 6 FOR BKDN) (ATTACHING PARTS)	102222	54687	1	
-11		• STUD,FLUSH HD,10-32X1/2	FHS032-10C	46384	1	
-12		NUT,PLAIN,HEX	MS25082C12	96906	1	
-13		• STUD,NYLON SPACEP,MALE TO FEMALE THREADED	9754N0832	06540	1	
-14		• SCREW,MACHINE	MS51957-43	96906	2	
-15		• WASHER,FLAT	MS27183-8	96906	1	
-16		WASHER,LOCK	MS35338-138	96906	1	B
-17		NUT,NYLON,HEX,8-32	2556	83330	1	
-18		SCREW,MACHINE	MS24693S272	96906	2	
-19		• WASHER,FLAT	MS27183-42	96906	2	
-20		• WASHER,LOCK,EXT TOOTH ----*----	MS35790-17	96906	3	
-21	1A2A3	• POWER SUPPLY ASSEMBLY,-9 AND -12 VOLT(SEE FIGURE 7 FOR BKDN)	102236	54687	1	

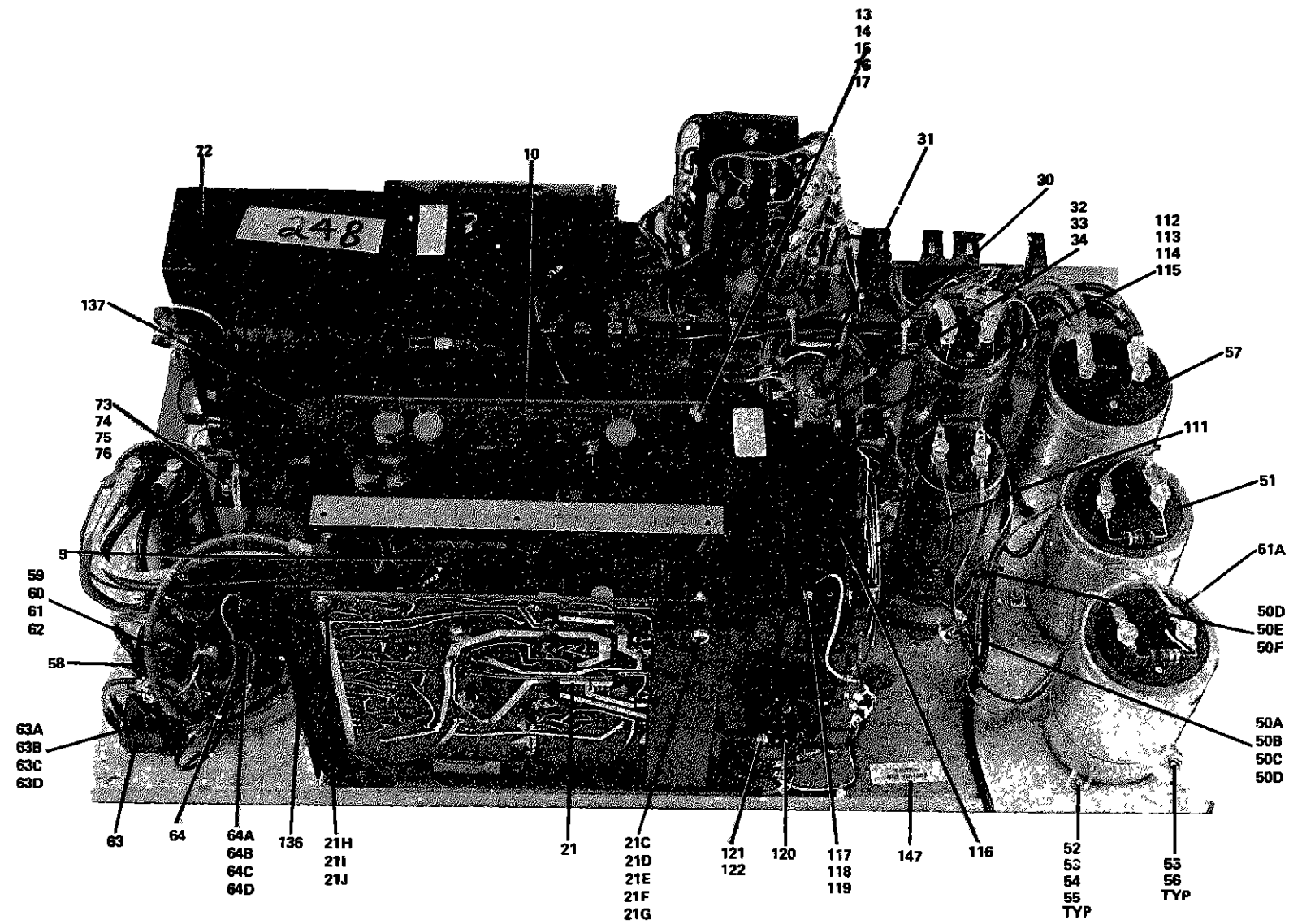


Figure 3. Power Supply Front 1A2 (Sheet 2 of 6).

## GROUP ASSEMBLY PARTS LIST

FIG. & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
3		(ATTACHING PARTS)				
-21A		• STUD, FLUSH HD, 10-32X1/2	FHS032-10C	46384	1	
-21B		• NUT, PLAIN, HEX	MS25082C12	96906	1	
-21C		• STUD, NYLON SPACER, MALE TO FEMALE THREADED	9754N0832	06540	1	
-21D		• SCREW, MACHINE	MS51957-43	96906	1	
-21E		• WASHER, FLAT	MS27183-8	96906	1	
-21F		• WASHER, LOCK	MS35338-138	96906	1	
-21G		• NUT, NYLON, HEX, 8-32	2556	83330	1	
-21H		• SCREW, MACHINE	MS24693S272	96906	2	
-21I		• WASHER, FLAT	MS27183-42	96906	2	
-21J		• WASHER, LOCK, EXT TOOTH -----*	MS35790-17	96906	3	
-22	1A2A4	• CIRCUIT CARD ASSY, PWR SPLY TEST PANEL (SEE FIG. 8 FOR BKDN)	102218	54687	1	
		(ATTACHING PARTS)				
-23		• SCREW, MACHINE	MS35222-61	96906	2	
-24		• WASHER, LOCK	MS35338-138	96906	2	
-25		• WASHER, FLAT -----*	MS27183-42	96906	2	
-26		• BRACKET, ANGLE, TEST CKT CD ASSY	102210	54687	1	B
		(ATTACHING PARTS)				
-27		• SCREW, MACHINE -----*	MS51959-61	96906	2	
-28	1A2A5	• CONTROL ASSEMBLY, OVER VOLTAGE (SEE FIGURE 9 FOR BKDN)	102235	54687	1	
		(ATTACHING PARTS)				
-29		• SCREW, MACHINE -----*	MS51959-61	96906	2	
-30	1A2A6	• SEMICONDUCTOR DEVICE, DIODE ASSEMBLY (SEE FIG. 10 FOR BKDN)	102615	54687	1	
-31		• TERMINAL, LUG	32188	00779	1	

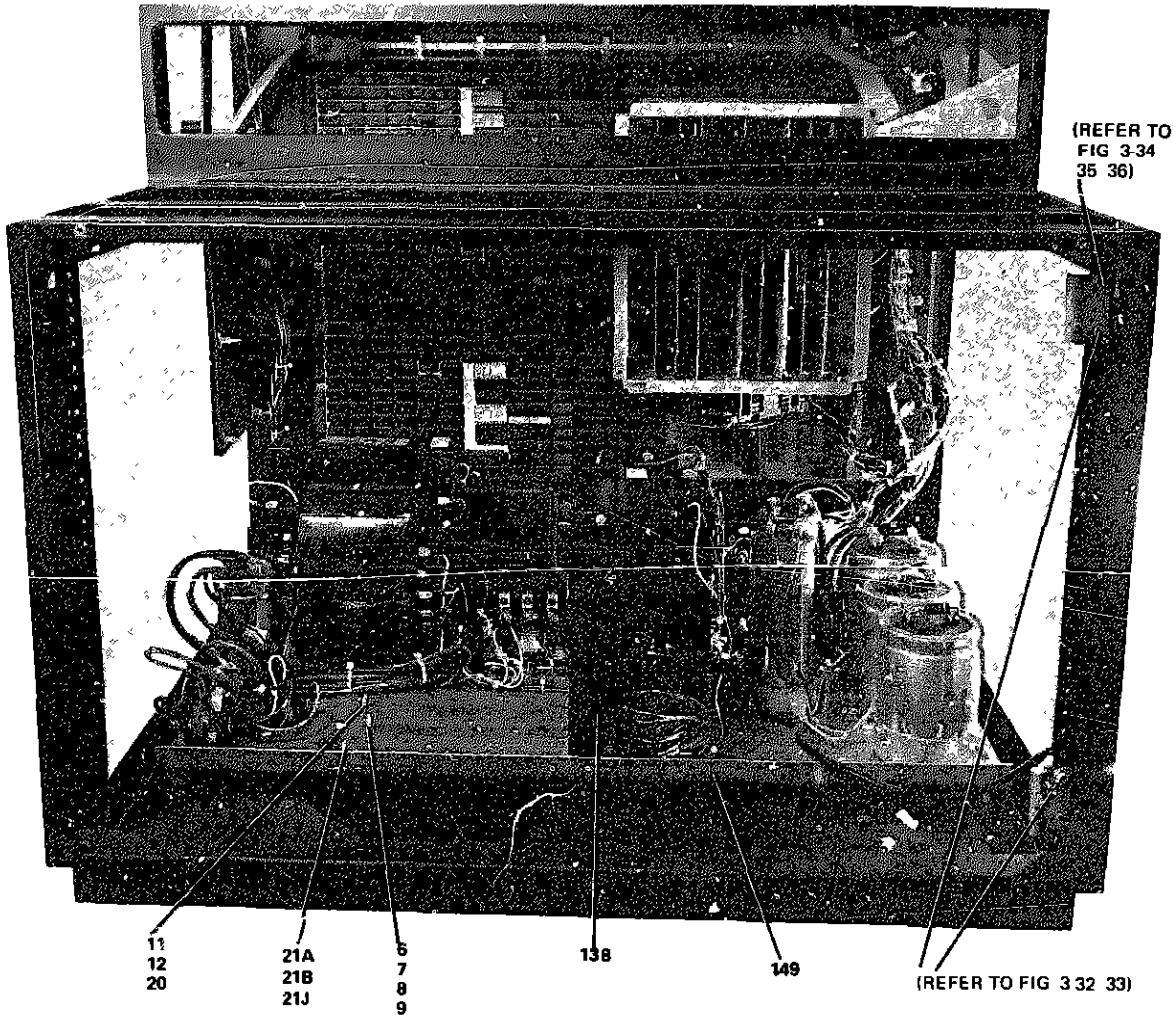


Figure 3. Power Supply OCRB Front 1A2 (Sheet 3 of 6).



## GROUP ASSEMBLY PARTS LIST

FIG. & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
3		(ATTACHING PARTS)				
-32		• STUD, FLUSH HD, 10-32, 7/8	FH032-14	46384	REF	
-33		• WASHER, LOCK	MS35790-17	96906	REF	
-34		• NUT, PLAIN, HEX (THE ABOVE HDW ALSO SECURES ONE END OF FIG 3-140) -----*-----	MS25082C12	96906	REF	
-35		DELETED				
-36		DELETED				
-37		DELETED				
-38		DELETED				
-39 R1		• RESISTOR, FIXED, WIRE-WOUND, 330 OHMS, 5%, 5W	RW67V331	81349	1	
-39AR2		• SAME AS R1			1	
-40 R3		• RESISTOR, FIXED, COMPOSITION, 1000 OHMS, 5%, 2W	RCR42G102JS	81345	1	R
-40AR4		• SAME AS R3			1	
-41		• TERMINAL, LUG	2104-10-00	78189	8	
-42 C1		• CAP, FXD, ELCTLT, 21000UF, 40VDC	36D213G040CC2A	56289	1	
		(ATTACHING PARTS)				
-43		• CLAMP, CAPACITOR, 2 5-INCH DIA	4586-1	56289	1	
-44		• SCREW, MACHINE	MS35233-28	96906	3	
-45		• WASHER, FLAT	MS27183-5	96906	3	
-46		NUT, PLAIN, HEX	MS35649-262	96906	4	
-47		• SCRFW, MACHINE	MS51957-33	96906	1	
-48		WASHER, LOCK -----*-----	MS35335-58	96906	1	
-49 C2		• CAP, FXD, ELCTLT, 20000UF, 50VDC	CG5203U050V5L	90201	1	
		(ATTACHING PARTS)				
-49A		• CLAMP, CAPACITOR, 2-INCH DIA	VR8	56289	1	
-49B		• SCREW, MACHINE	MS51959-28	96906	3	
-49C		• WASHER, FLAT	MS27183-5	96906	3	
-49D		• NUT, PLAIN, HEX	MS35649-262	96906	4	

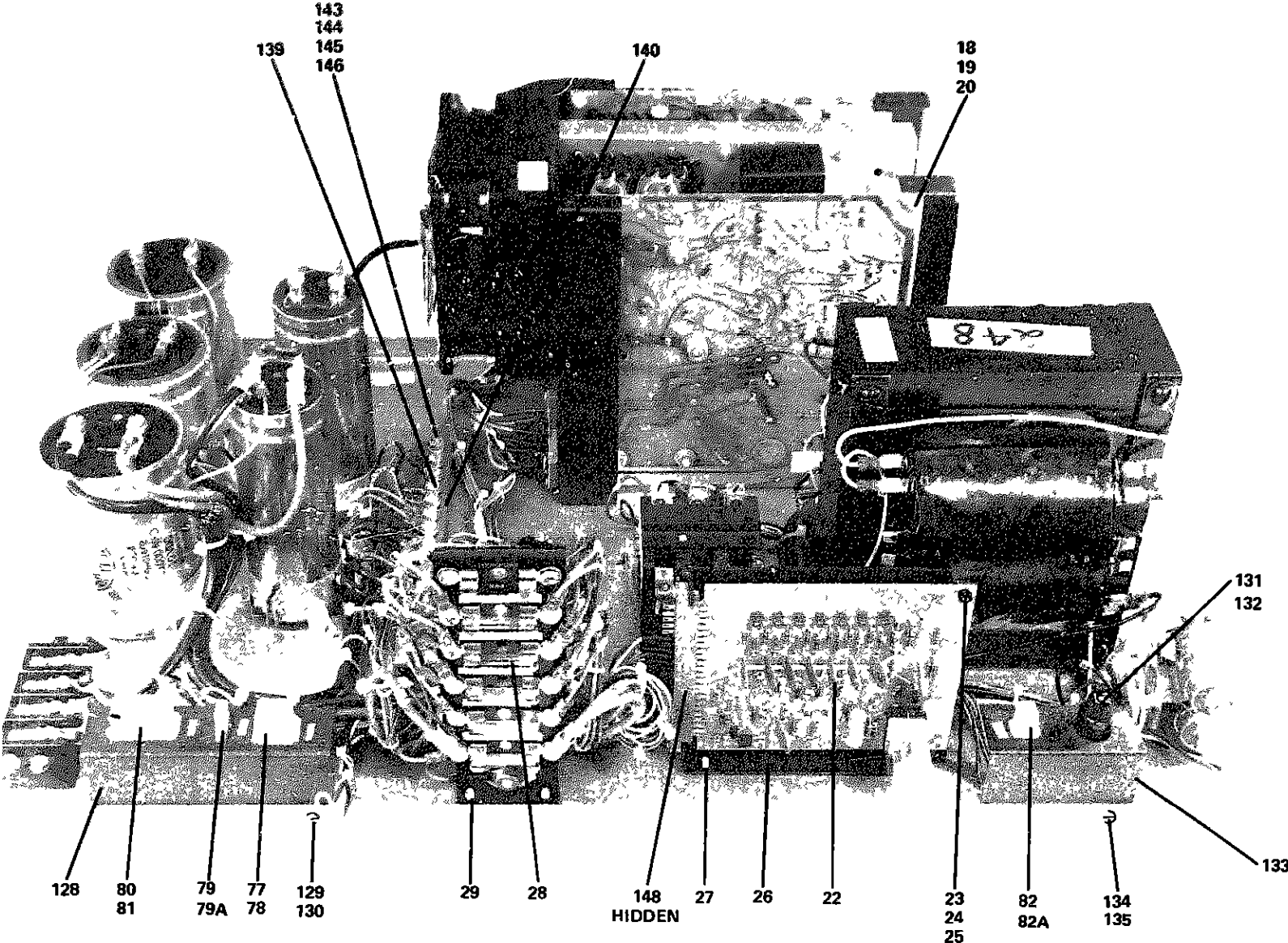


Figure 3. Power Supply Rear 1A2 (Sheet 4 of 6)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO.	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
3						
-49E		• SCREW, MACHINE	MS51957-33	96906	1	
-49F		• WASHER, LOCK, EXT TOOTH -----*	MS35335-58	96906	1	
-50	C3	• SAME AS C1  (ATTACHING PARTS)			1	
-50A		• CLAMP, CAPACITOR, 2.5-INCH DIA	4586-1	56289	1	
-50B		• SCREW, MACHINE	MS35233-28	96906	3	
-50C		• WASHER, FLAT	MS27183-5	96906	3	
-50D		NUT, PLAIN, HEX	MS35649-262	96906	4	
-50E		• SCREW, MACHINE	MS51957-33	96906	1	
-50F		• WASHER, LOCK, EXT TOOTH -----*	MS35335-58	96906	1	
-51	C4	CAP, FXD, ELCTLT, 43000UF, 30VDC	86F152MA	06001	1	
-51A	C5	• SAME AS C4  (ATTACHING PARTS)			1	
-52		• CLAMP, CAPACITOR, 3.0-INCH DIA	4586-2	56289	2	
-53		• SCREW, MACHINE	MS35233-28	96906	6	
-54		• WASHER, LOCK	MS35338-58	96906	2	
-55		• NUT, PLAIN, HEX	MS35649-262	96906	8	
-56		• SCREW, MACHINE -----*	MS35233-32	96906	2	B
-57	C6	CAP, FXD, ELCTLT, 0.1UUF, 10VDC  (ATTACHING PARTS,	36D104G010CF2A	56289	1	B
-57A		• CLAMP, CAPACITOR, 3.0-INCH DIA	4586-2	56289	1	
-57B		• SCREW, MACHINE	MS35233-28	96906	3	
-57C		• WASHER, LOCK	MS35335-58	96906	1	
-57D		NUT, PLAIN, HEX	MS35649-262	96906	4	
-57E		• SCREW, MACHINE -----*	MS35233-32	96906	1	
-58	CRI	• SEMICONDUCTOR DEVICE, CONTROLLED RECTIFIER	MDA990-2	04713	2	

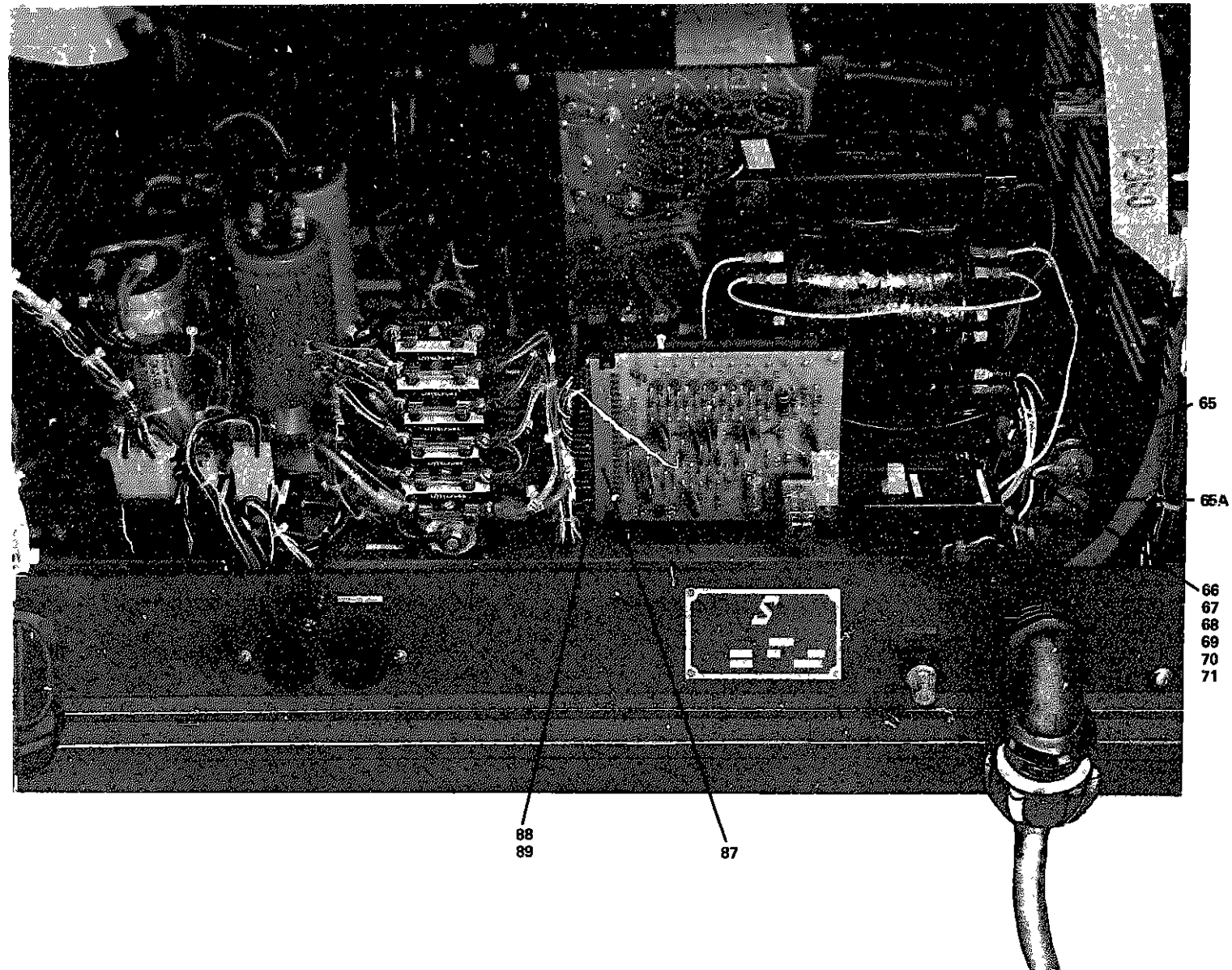


Figure 3. Power Supply OCRB Rear 1A2 (Sheet 5 of 6)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
3		(ATTACHING PARTS)				
-59		• STUD, FLUSH HEAD, 4-40X1/2	FHS440-10C	4634	1	
-60		• WASHER, FLAT	MS27103-42	96906	1	
-61		• WASHER, LOCK	MS35338-138	96906	1	
-62		• NUT, PLAIN, HEX -----*	MS35649-242	96906	1	
-63	CR2	SEMICONDUCTOR DEVICE, CONTROLLED RECTIFIER	MDA980-2	04713	1	3
		(ATTACHING PARTS)				
-63A		• STUD, FLUSH HEAD, 4-40X1/2	FHS440-10C	46384	1	
-63B		• WASHER, FLAT	MS27183-42	96906	1	
-63C		• WASHER, LOCK	MS35338-138	96906	1	
-63D		• NUT, PLAIN, HEX -----*	MS35649-242	96906	1	
-64	CR3	SAME AS CR1			1	
		(ATTACHING PARTS)				
-64A		• STUD, FLUSH HEAD, 4-40X1/2	FHS440-10C	46384	1	
-64B		• WASHER, FLAT	MS27183-42	96906	1	
-64C		• WASHER, LOCK	MS35338-128	96906	1	
-64D		• NUT, PLAIN, HEX -----*	MS35649-242	96906	1	
-65	FL1	• CAP, FXD, FLCTLT, 250 $\mu$ , 600VDC	48P12	56289	1	
-65A	FL2	• SAME AS FL1 (FL1 AND FL2 FORM A FILTER NETWORK)			1	
-66		• SPACER, 1/2-INCH O.D X 1 0-INCH LUNG X 10-32 THRU THREAD	8697SS1032	06508	1	
		(ATTACHING PARTS)				
-67		• SCREW, MACHINE	MS51960-65	96906	1	
-68		• SCREW, MACHINE	MS51958-63	96906	1	A
-69		• SEALANT, LOCKTITE	GRADE-A	05972	AR	
-70		• WASHER, LOCK, INTL TOOTH	MS35333-73	96906	1	B
-71		• WASHER, LOCK, EXT TOOTH -----*	MS35335-60	96906	1	B

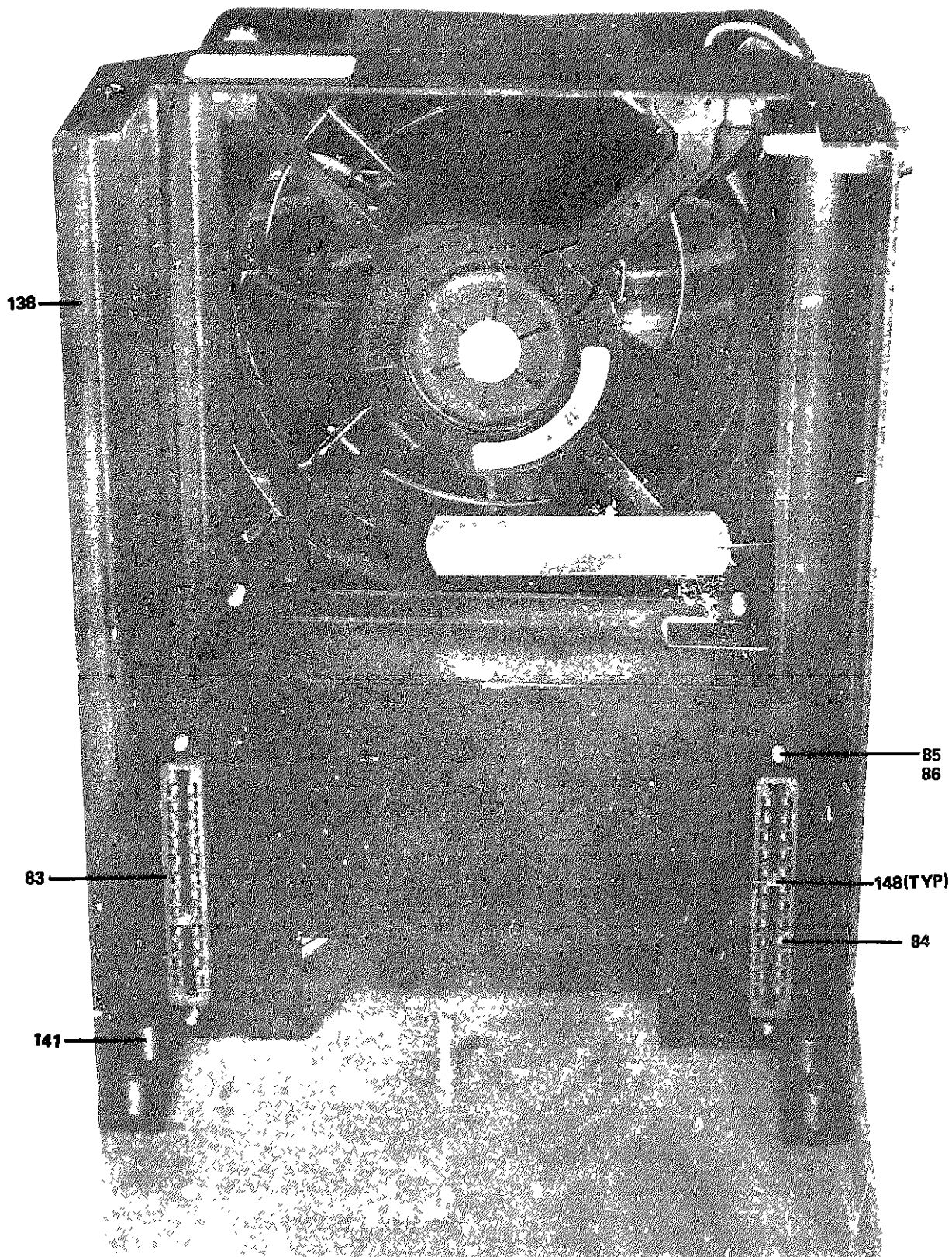


Figure 3. Power Supply Pan Bracket 1A (Sheet 6 of 6)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
-73	J200	TRANSFORMER, POWER, STEP-DOWN (ATTACHING PARTS)	DT2542	27675	1	B
-7		STUD, FLLSH HEAD, 10-22X 5/8	FHS032-10C	46906	4	B
-74		WASHER, FLAT	MS27133-42	96906	4	B
-75		WASHER, LOCK	MS35338-13	96906	4	B
-75		NUT, PLAIN, HEX -----*	MS25082-14	96906	4	B
-77	J201	CONN, RCPT, ELEC (MOD 1292-R1) WITH WIRING HARNESS	03-09-1091	27264	1	B
-7		TERM., TAPER, RCPT, ELEC, FEMALE, 0.62 IN DIA (MOD 1561)	02-09-5121	27264	4	B
-79	J202	CONN, RCPT, ELEC (MOD 375-36) WITH WIRING HARNESS	03-09-1154	27264	1	B
-79A		TERM., TAPER, RCPT, ELEC, FEMALE, 0.62 IN DIA (MOD 1561)	02-09-5121	27264	13	B
-80	J202	CONN, RCPT, ELEC (MOD 1625-3R1) WITH WIRING HARNESS	03-06-1031	27264	1	B
-81		TERM., TAPER, RCPT, ELEC, FEMALE, 0.62 IN DIA (MOD 1561) WITH WRG HARN	02-06-2104	27264	3	B
-82	J204	CONN, RCPT, ELEC (MOD 1625-GR) WITH WIRING HARNESS	03-06-1061	27264	1	B
-82A		TERM., TAPER, RCPT, ELEC, FEMALE, 0.62 IN DIA (MOD 1561) W/WRG HARNESS	02-06-5104	27264	5	B
-83	J205	CONN, RCPT, ELEC (50-12A-20) WITH WIRING HARNESS	250-12-30-170	71785	1	B
-84	J206	SAME AS J205 (ATTACHING PARTS)			1	
-85		SCREW, MACHINE	MS35233-12	96906	4	B
-86		WASHER, FLAT -----*	MS27183-3	96906	4	B
-87	J207	CONN, RCPT, ELEC (50-22A-20) WITH WIRING HARNESS (ATTACHING PARTS)	250-22-30-170	71785	1	B
-88		SCREW, MACHINE	MS35233-12	96906	2	B
-89		WASHER, FLAT -----*	MS27183-3	96906	2	B

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
3						
-90	T8200	• TERM. BOARD, 4-TERM., 150 > 175 (ATTACHING PARTS)	-1-04-001	71785	1	B
-91		• SCREW, MACHINE	MS51959-32	96906	4	B
-92		WASHER, FLAT	MS27183-6	96906	4	B
-93		WASHER, LOCK, EXT TOOTH	MS35335-58	96906	4	B
-94		NUT, PLAIN, HEX -----*	MS35649-262	96906	4	B
-95		• BUS BAR	5011-2-2	86928	2	B
-96		SCREW, MACHINE	MS35222-61	96906	8	B
-97	T8202	• TERM. BOARD, 12-TERM., 140 SERIES (ATTACHING PARTS)	353-11-12-001	71785	1	
-98		SCREW, MACHINE	MS51959-33	96906	2	B
-99		WASHER, FLAT	MS27183-6	96906	2	
-100		NUT, PLAIN, HEX	MS35649-262	96906	2	
-101		• SCREW, MACHINE -----*	MS51959-32	96906	2	
-102		SCREW, MACHINE	MS35222-61	96906	24	
-103		MARKER, IDENT	MS12-140	71785	1	
-104		• BUS BAR	140J1	71785	5	
-105	T8204	TERMINAL BOARD, 3-TERMINAL (ATTACHING PARTS)	354-12-03-001	71785	1	B
-106		SCREW, MACHINE	MS35233-45	96906	2	
-107		WASHER, FLAT	MS27183-6	96906	2	
-108		• WASHER, LOCK, SPLIT -----*	MS35338-136	96906	2	
-109		SCREW, MACHINE	MS35222-61	96906	6	
-110		CLAMP, CABLE PLASTIC	ABMS-A	06383	1	
-111		SHROUD, FAN (ATTACHING PARTS)	75-175	92702	1	
-112		SCREW, MACHINE	MS35233-31	96906	4	



## GROUP ASSEMBLY PARTS LIST

FIG. & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
3						
-113		• WASHER, FLAT	MS27183-5	96906	4	
-114		• WASHER, LOCK	MS35335-58	96906	4	
-115		NUT, PLAIN, HEX -----*	MS35649-262	96906	4	
-116		FAN, CIRCULATING (ATTACHING PARTS)	BS2107FL	92702	1	B
-117		SCREW, MACHINE, KNURLED HD	MS16995-198	96906	4	
-118		WASHER, FLAT	MS27183-5	96906	4	
-119		• WASHER, LOCK, EXT TOOTH -----*	MS35335-58	96906	4	
-120		SWITCH ASSY, AIRFLOW (ATTACHING PARTS)	103607	54687	1	
-121		• SCREW, MACHINE	MS35233-20	96906	2	
-122		WASHER, FLAT -----*	MS27183-3	96906	2	
-123		DELETED				
-124	K1	RELAY, ARMATURE (ATTACHING PARTS)	154-911	80089	1	
-125		• STUD, FLUSH HEAD, 10-32X1/2	FHS032-10C	46384	2	
-126		• WASHER, FLAT	MS35338-138	96906	2	
-127		NUT, PLAIN, HEX -----*	MS25082C12	96906	2	
-128		BRACKET, ELEC CONNECTOR (ATTACHING PARTS)	102211	54687	1	
-129		SCREW, MACHINE	MS35233-28	96906	2	
-130		WASHER, LOCK -----*	MS35335-58	96906	2	
-131	F7	FUSE, 3-AMP, SLOW-BLOW	313003	75915	1	
-132		FUSEHOLDER	342014A	75915	1	
-133		• BRACKET, ELEC CONN (FUSEHOLDER)	102212	54687	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
3		(ATTACHING PARTS)				
-134		SCREW, MACHINE	MS51957-28	96906	2	
-135		WASHER, LOCK, EXT TOOTH ----*----	MS35335-58	96906	2	
-136		BRACKET, ANGLE, -9 AND -12 VOLT POWER SUPPLY ASSY	102213-1	54687	1	
-137		BRACKET, ANGLE, +12 VOLT POWER SUPPLY	102213-2	54687	1	
-138		BRACKET, FAN	102214	54687	1	
		(ATTACHING PARTS)				
-139		SCREW, MACHINE ----*----	MS35238-72	96906	4	
-140		TERMINAL STRIP, GROUNDING, BRASS	101060	54687	1	
		(ATTACHING PARTS)				
-141		STUD, FLUSH HD, 10-32X7/8 LG	FH032-14	46384	2	
-142		DELETED				
-143		NUT, SELF-LOCKING ----*----	511-101800-50	78189	2	
-144		• SCREW, MACHINE	MS35222-61	96906	11	
-145		• WASHER, FLAT	MS27183-8	96906	11	
-146		WASHER, LOCK	MS35338-138	96906	11	
-147		LABEL, CAUTION	102678	54687	1	
-148		KEY, POLARIZING	456-07-35-003	71785	3	
-149		CHASSIS, ELEC EQUIP., ALUM ALLOY 5052H34	102234	54687	1	
-150		FOLLOWING ITEMS SUPPLIED WITH WIRING HARNESS				
-150A		CONNECTOR, PLUG, ELEC (MOD 2574-3)	09-01-6031	27264	2	
-150B		TERM, TAPER (MOD 2478TL)	08-50-0106	27264	4	
-150C		TERM, TAPER (MOD 2578TL)	08-50-0108	27264	1	

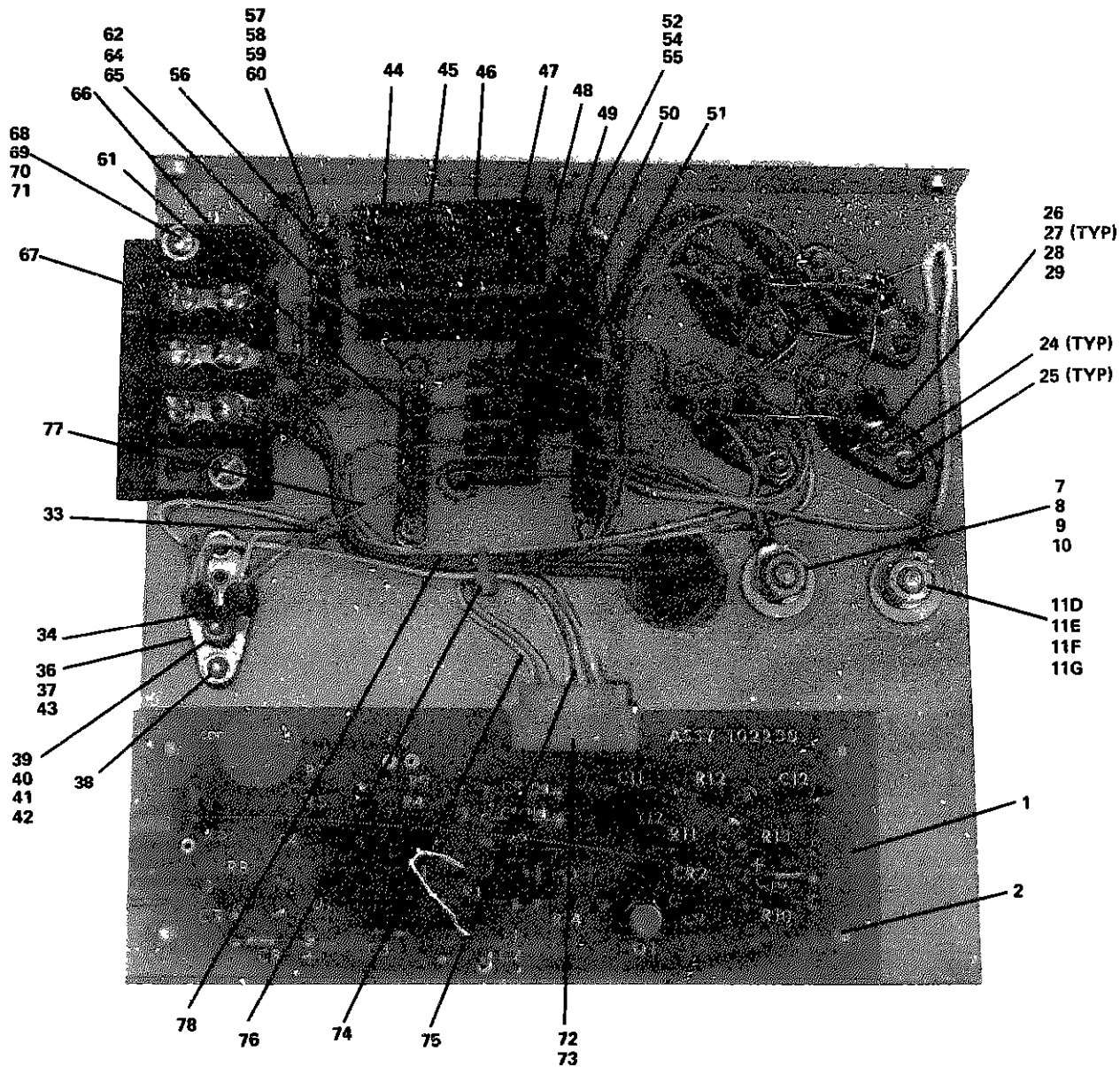


Figure 4. +5 Volt Power Supply Assembly Front 1A1A1 (Sheet 1 of 3)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
4	1A2A1	POWER SPLY ASSY,+5 V(SEE FIG 3-5 FOR NHA)	102229	54687	REF	
-1	1A2A1A1	CIRCUIT CARD ASSY,REGULATOR(SEE FIGURE 5 FOR BKDP)	102230	54687	1	
		(ATTACHING PARTS)				
-2		SPACER, PLASTIC -----*	C8S4N	06915	4	
-3	CR1	SEMICONDUCTOR DEVICE, DIODE (ATTACHING PARTS)	1N3910	01295	1	B
-4		WASHER, FLAT	MS27183-9	96906	1	
-5		WASHER, LOCK	MS35338-139	96906	1	
-6		NUT, PLAIN, HEX -----*	MS35082C4	96906	1	B
-7		WASHER, MICA, 1 INCH O.D X 26-IN I.D X 005-IN. THK	229-8	14519	2	B
-8		TERMINAL LUG	34124	00779	1	
-9		BUSHING, NYLON, .367-INCH O.D, .249-INCH I.D, .065-INCH THK	229-9	14519	2	
-10		COMPOUND, CONDUCTIVE	829	26425	AR	
-11	CR2	SEMICONDUCTOR DEVICE, DIODE (ATTACHING PARTS)	1N3910	01295	1	
-11A		WASHER, FLAT	MS27183-9	96906	1	B
-11B		WASHER, LOCK	MS35338-139	96906	1	B
-11C		NUT, PLAIN, HEX -----*	MS35082C4	96906	1	
-11D		WASHER, MICA, 1-INCH O.D X 26-IN I.D. X 005-IN THK ACM	229-8	14519	2	
-11E		TERMINAL LUG	34124	00779	1	
-11F		BUSHING, NYLON, .367-INCH O.D, .249-INCH I.D, .065-INCH THK	229-9	14519	2	
-11G		COMPOUND, CONDUCTIVE	829	26425	AR	
-12	LI	COIL, ELEC (ATTACHING PARTS)	109208-1	54687	1	B
-13		CREW, MACHINE	MS1821-70	96906	1	

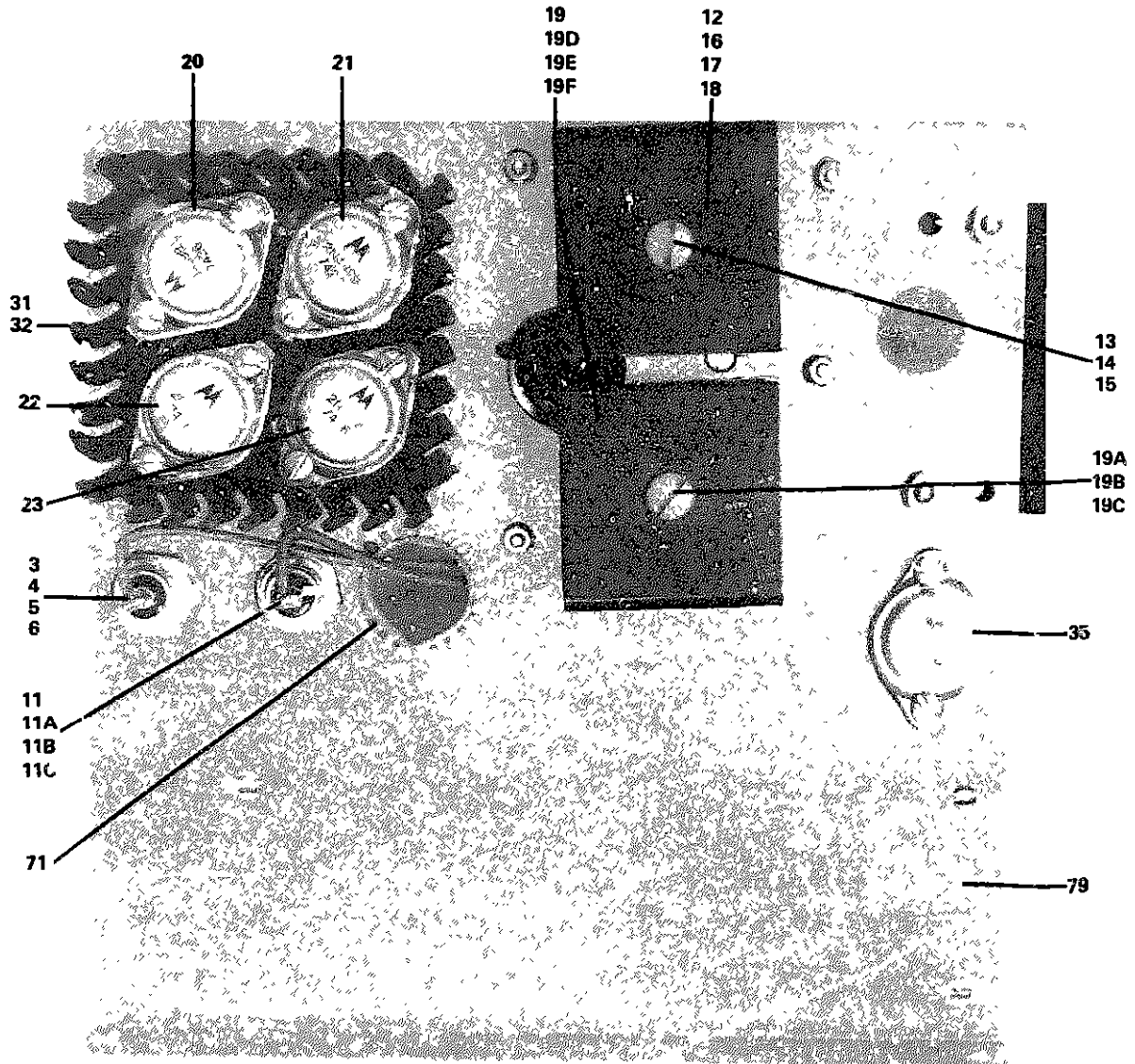


Figure 4. +5 Volt Power Supply Assembly Rear 1A2A1 (Sheet 2 of 3).

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
4						
-14		WASHER, FLAT	MS27183-8	96906	1	
-15		NUT, PLAIN, HEX -----*	MS35649-204	96906	1	
-16		• HEATSINK	102176-1	54687	1	
-17		• WIRE, FORMVAR, NO 14AWG	8047	70903	AR	
-18		THERMAL-BOND	312	26425	AR	
-19	L2	COIL, ELEC  (ATTACHING PARTS)	102208-1	54687	1	B
-19A		SCREW, MACHINE	MS18212-70	96906	1	B
-19B		WASHER, FLAT	MS27183-8	96906	1	B
-19C		• NUT, PLAIN, HEX -----*	MS35649-204	96906	1	B
-19D		• HEATSINK	102176-1	54687	1	B
-19E		WIRE, FORMVAR, NO 14AWG	8047	92194	AR	
-19F		THERMAL-BOND	312	26425	AR	
-20	Q1	TRANSISTOR	2N4399	0.295	4	B
-21	Q2	SAME AS Q1			1	
-22	Q3	SAME AS Q1			1	
-23	Q4	• SAME AS Q1			1	
-24		• SOCKET, PLUG-IN  (ATTACHING PARTS)	8080-1G3	91506	4	B
-25		SCREW, MACHINE	MS35233-31	96906	6	B
-26		SCREW, MACHINE	MS24693C7	96906	4	
-27		WASHER, FLAT	MS27183-3	96906	4	
-28		• WASHER, LOCK	MS35335-57	96906	4	B
-29		• NUT, PLAIN, HEX -----*	MS35649-244	96906	4	B
-30		• INSULATOR, PLATE	170DC	05820	4	
-31		• HEATSINK	102348	54687	1	
-32		• • COMPOUND, CONDUCTIVE	829	26425	AR	

GROUP ASSEMBLY PARTS LIST

FIG INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
4						
-33	R8	RESISTOR, FIXED, WIREWOUND, 1 OHM, 3%, 1 W	RSLA	91637	1	B
-34	R9	RESISTOR, FIXED COMP, 10 OHM, 5%, 1/2 W	RCR20GLOOJS	81349	1	B
-35	Q5	TRANSISTOR	2N3791	01295	1	B
-36		SOCKET, PLUG-IN	8080-1G3	91506	1	
-37		INSULATOR, PLATE (ATTACHING PARTS)	170DC	05820	1	B
-38		SCREW, MACHINE	MS35233-31	96906	2	B
-39		SCREW, MACHINE	MS24693C7	96906	1	
-40		WASHER, FLAT	MS271838-5	96906	1	B
-41		WASHER, LOCK	MS35335-58	96906	1	B
-42		NUT, PLAIN, HEX -----	MS35649-262	96906	1	B
-43		• COMPOUND, CONDUCTIVE	829	26425	AR	
-44	R1	RESISTOR, FIXED, WIREWOUND, 05 OHM 10W, 5%	LVRL0	91637	1	B
-45	R2	SAME AS R1			1	
-46	R3	SAME AS R1			1	
-47	R4	RESISTOR, FIXED, WIREWOUND, 01 OHM 2W, 5%	LVR2	91637	1	B
-48	R5	SAME AS R4			1	
-49	R6	SAME AS R4			1	
-50	R7	SAME AS R4			1	
-51	TB1	FANNING STRIP, 9 LUG (ATTACHING PARTS)	2009	71785	1	B
-52		SCREW, MACHINE	MS35233-13	96906	2	B
-53		DELETED				
-54		WASHER, LOCK	MS35335-57	96906	2	
-55		• NUT, PLAIN, HEX -----	MS35649-244	96906	2	
-56	TB2	FANNING, STRIP, 4 LUG	2004	71785	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
4		(ATTACHING PARTS)				
-57		• SCREW, MACHINE	MS35233-13	96906	2	
-58		DELETED				
-59		• WASHER, LOCK	MS35335-57	96906	2	
-60		NUT, PLAIN, HEX -----*	MS35649-244	96906	2	
-61	TB3	• SAME AS TB2			1	
		(ATTACHING PARTS)				
-62		• SCREW, MACHINE	MS35233-13	96906	2	
-63		DELETED				
-64		• WASHER, LOCK	MS35335-57	96906	2	
-65		• NUT, PLAIN, HEX -----*	MS35649-244	96906	2	
-66	TB4	• BOARD, TERMINAL, BARRIER 3-TERMINAL, 142 SERIES	355-11-03-001	71785	1	
		(ATTACHING PARTS)				
-67		• MARKER, STRIP	365-11-03-010	71785	1	
-68		SCREW, MACHINE	MS35233-32	96906	2	
-69		• WASHER, FLAT	MS27183-5	96906	2	
-70		WASHER, LOCK	MS35335-58	96906	2	
-71		NUT, PLAIN, HEX -----*	MS35649-262	96906	2	
-72	J1	• CONNECTOR, RCPT, ELEC (MOD 2574-6)	09-01-6061	27264	1	
-73		TERMINAL (MOD 2578-TL)	08-50-0108	27264	5	
-74		WIRE, STRANDED, INSULATED, 18 AWG WHITE	1555-1	92194	AP	
-75		WIRE, STRANDED, INSULATED, 16 AWG WHITE	1557-1	92194	AP	
-76		GROMMET, PLASTIC, NYLON TYPE	2694	33330	AP	
-77		• WIRE, SOLID, TEFLEN, INSULATED 18 AWG	5857-1	92194	AP	
-78		WIRE, FLEC, 14 AWG	6047	76903	AP	



GROUP ASSEMBLY PARTS LIST

FIG. & INDEX NO.	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
4 -79		CHASSIS, ELECTRICAL, EQUIPMENT	1102228	54687	1	

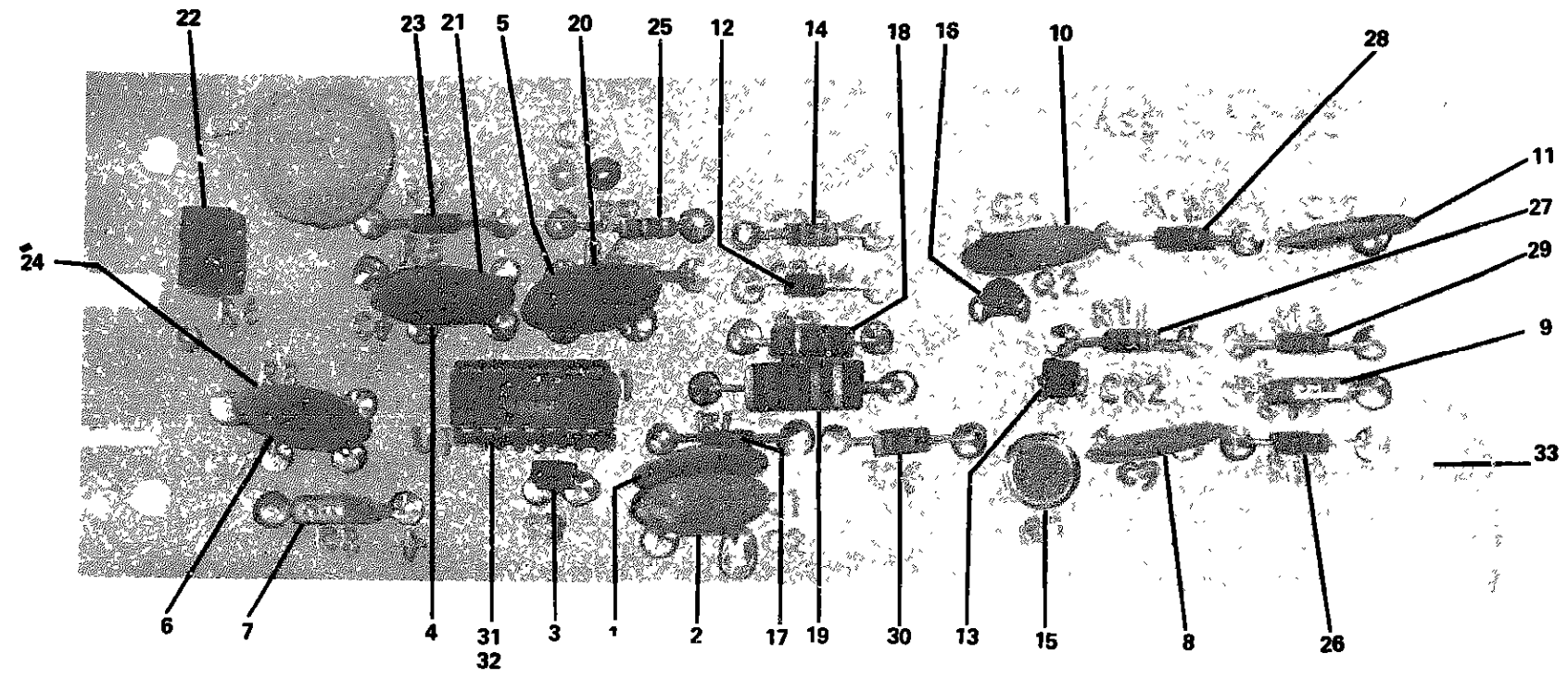


Figure 5. Regulator Card Assembly +5 Volt Power Supply

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
5	LA2A1A1	CIRCUIT CARD ASSY,REGULATOR(SEE FIGURE 4-1 FOR NHA)	L02230	54687	REF	
-1	C1	CAPACITOR, FIXED, CERAMIC, 05MF, 50VDC	CK503	71590	1	
-2	C2	SAME AS C1			1	
-3	C3	CAPACITOR, FIXED, CERAMIC, 001MF 10%, 200VDC	CK058X101K	81349	1	
-4	C4	SAME AS C1			1	
-5	C5	SAME AS C1			1	
-6	C7	SAME AS C1			1	
-7	C8	CAPACITOR, FIXED, ELECTROLYTIC, 33UF, 20%, 10VDC	MT9336M0191A	90201	1	
-8	C9	SAME AS C1			1	
-9	C10	SAME AS C8			1	
-10	C11	SAME AS C1			1	
-11	C12	SAME AS C1			1	
-12	CR1	SEMICONDUCTOR DEVICE, DIODE	1N4733	04713	1	
-13	CR2	SEMICONDUCTOR DEVICE, DIODE, CONTROLLED RECTIFIER	MCR103	04713	1	
-14	CR3	SEMICONDUCTOR DEVICE, DIODE	1N914	01295	1	
-15	Q1	TRANSISTOR	2N5680	04713	1	
-16	Q2	TRANSISTOR	2N3906	04713	1	
-17	R1	RESISTOR, FIXED, CMPSN, 100 OHMS, 5% 1/4 WATT	RRCR07G101JS	81349	1	
-18	R2	RESISTOR, FIXED, CMPSN, 390 OHMS, 5% 1/2 WATT	RRCR20G391JS	81349	1	
-19	R3	RESISTOR, FIXED, CMPSN, 470 OHMS, 5% 1 WATT	RRCR32G471JS	81349	1	
-20	R4	RESISTOR, FIXED, CMPSN, 4.7K OHMS, 5% 1/4 WATT	RRCR07472JS	81349	1	
-21	R5	RESISTOR, FIXED, CMPSN, 820 OHMS, 5% 1/4 WATT	RRCR07821JS	81349	1	
-22	R6	RESISTOR, VARIABLE, 500 OHMS	3389WL-801	32997	1	
-23	R7	RESISTOR, FIXED, CMPSN, 470 OHMS, 5% 1/4 WATT	RRCR070471JS	81349	1	
-24	R8	RESISTOR, FIXED, CMPSN, 2.2K OHMS, 5% 1/4 WATT	RRCR07G222JS	81349	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
5						
-25	R9	TO BE SELECTED AT SYSTEMS TEST FROM RESISTORS R9A THRU R9K				
-25	R9A	• RESISTOR, FIXED, CMPSN, 270K OHMS, 5% 1/4 WATT	RCR07G274JS	81349	1	
-25	R9B	• RESISTOR, FIXED, CMPSN, 300K OHMS, 5% 1/4 WATT	RCR07G304JS	81349	1	
-25	R9C	• RESISTOR, FIXED, CMPSN, 330K OHMS, 5% 1/4 WATT	RCP07G334JS	81349	1	
-25	R9D	• RESISTOR, FIXED, CMPSN, 360K OHMS, 5% 1/4 WATT	RCR07G364JS	81349	1	
-25	R9E	• RESISTOR, FIXED, CMPSN, 390K OHMS, 5% 1/4 WATT	RCR07G394JS	81349	1	
-25	R9F	• RESISTOR, FIXED, CMPSN, 430K OHMS, 5% 1/4 WATT	RCR07G434JS	81349	1	
-25	R9G	• RESISTOR, FIXED, CMPSN, 470K OHMS, 5% 1/4 WATT	RCR07G474JS	81349	1	
-25	R9H	• RESISTOR, FIXED, CMPSN, 620K OHMS, 5% 1/4 WATT	RCR07G624JS	81349	1	
-25	R9J	• RESISTOR, FIXED, CMPSN, 680K OHMS, 5% 1/4 WATT	RCR07GbWJS	81349	1	
-25	R9K	• RESISTOR, FIXED, CMPSN, 750K OHMS, 5% 1/4 WATT	RCR07G754JS	81349	1	
-26	R10	• SAME AS R8			1	
-27	R11	• RESISTOR, FIXED, CMPSN, 10K OHMS, 5% 1/4 WATT	RCR07G103JS	81349	1	
-28	R12	• RESISTOR, FIXED, CMPSN, 1K OHMS, 5% 1/4 WATT	RCR07GLOZJS	81349	1	
-29	R13	• RESISTOR, FIXED, CMPSN, 22K OHMS, 5% 1/4 WATT	RCL07GZ23JS	81349	1	
-30	R14	• SAME AS R4			1	
-31	U1	MICROCIRCUIT, LINEAR, PRECISION VOLTAGE REGULATOR	6A7723393	07236	1	
-32		SOCKET, PLUG-IN, ELECTRONIC CMPT	C	01295	1	
-33		PRINTED WIRING BOARD	1	54687	1	

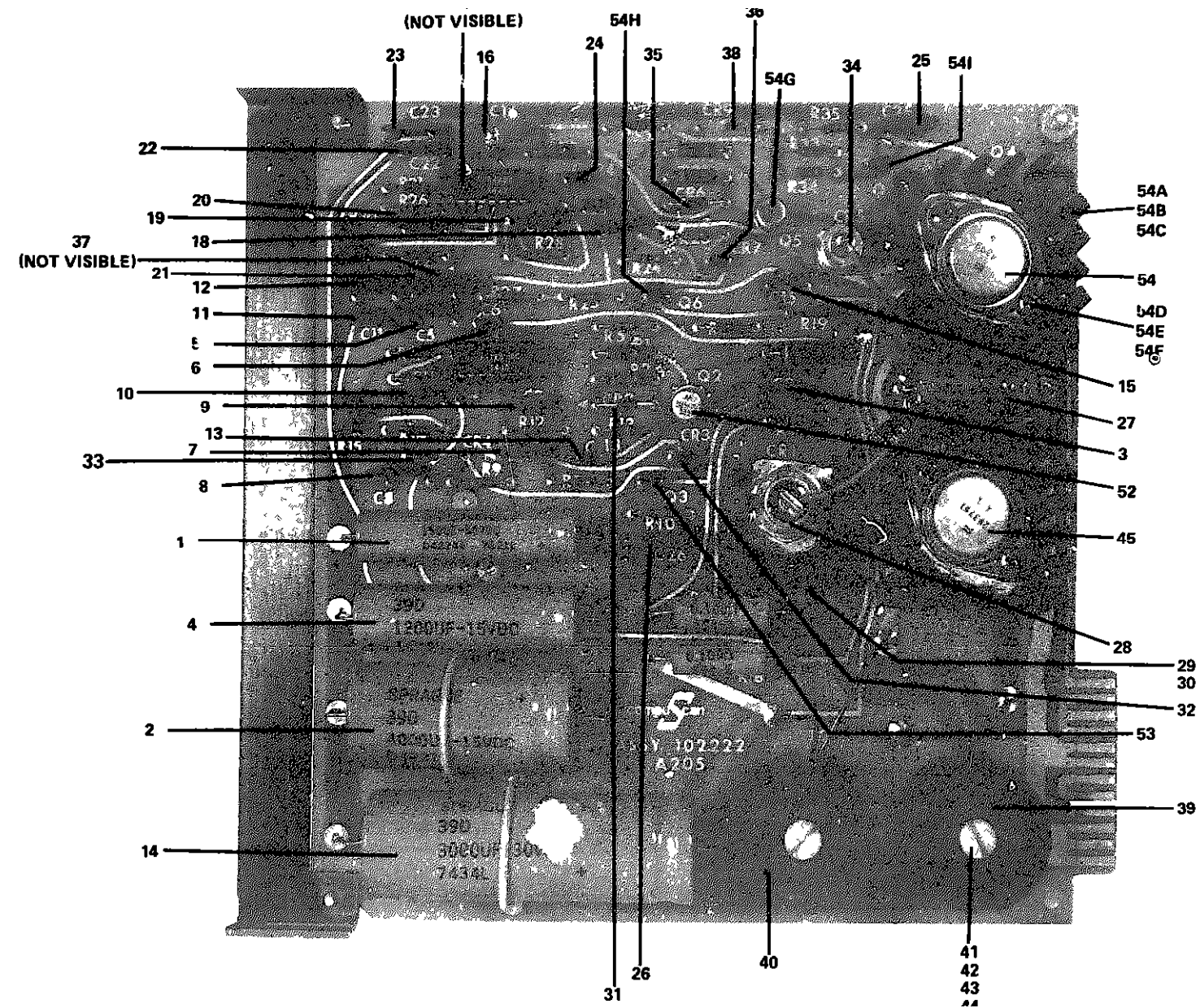


Figure 6. +12 Volt Read and Head Lamp Power Supply Assembly 1A2A2 (Sheet 1 of 2)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
6	1A2A2	+12 VOLT AND READ HEAD LAMP POWER SUPPLY ASSY(SEE FIG. 3-10 FOR NHA)	102222	54687	REF	
-1	C1	• CAPACITOR, FIXED, ELECTROLYTIC, 150 MF, 50 VDC	390157G050EL4	56289	1	
-2	C2	• CAPACITOR, FIXED, ELECTROLYTIC, 4000 MF, 15 VDC	390408G015JL4	56289	1	
-3	C3	• CAPACITOR, FIXED, CERAMIC, .05 MF, 50 VDC	CK503	71590	1	
-4	C4	• CAPACITOR, FIXED, ELECTROLYTIC, 1200 MF, 15 VDC	390128G015FL4	56289	1	
-5	C5	• SAME AS C3			1	
-6	C6	• CAPACITOR, FIXED, CERAMIC, 100 PF, 200 VDC	CK05BX101K	81349	1	
-7	C7	• SAME AS C3			1	
-8	C8	• SAME AS C3			1	
-9	C9	• CAPACITOR, FIXED, CERAMIC, .33 MF, 12 VDC	C080A120M334M	56289	1	
-10	C10	• SAME AS C3			1	
-11	C11	• SAME AS C3			1	
-12	C12	• SAME AS C3			1	
-13	C13	• CAPACITOR, FIXED, CERAMIC, 47 PF, 200 VDC	CK05BX470K	81349	1	
-14	C14	• CAPACITOR, FIXED, ELECTROLYTIC, 3000 MF, 30 VDC	3903C8G030JS4	56289	1	
-15	C15	• CAPACITOR, FIXED, ELECTROLYTIC, 2.2 MF, 20 VDC	T368A225K020AS	05397	1	
-16	C16	• SAME AS C3			1	
-17	C17	• SAME AS C6			1	
-18	C18	• SAME AS C3			1	
-19	C19	• SAME AS C9			1	
-20	C20	• SAME AS C3			1	
-21	C21	• SAME AS C3			1	
-22	C22	• SAME AS C3			1	
-23	C23	• SAME AS C3			1	
-24	C24	• SAME AS C13			1	
-25	C25	• SAME AS C3			1	

GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
6						
-26	C26	• SAME AS C3			1	
-27	C27	• CAPACITOR, FIXED, ELECTROLYTIC, 50 MF, 50 VDC	39D506G050EE4	56289	1	
-28	CR1	• SEMICONDUCTOR DEVICE, DIODE (ATTACHING HDW FURN WITH DIODE)	IN3900	21845	1	
-29		• HEAT SINK, ELEC/ELECTRONIC CMPNT. (MODIFIED 6106B THERMALLOY)	102666-2	54687	1	
-30		• COMPOUND, CONDUCTIVE	829	26425	AR	
-31	CR2	• SEMICONDUCTOR DEVICE, DIODE	1N4733	64713	1	
-32	CR3	• SEMICONDUCTOR DEVICE, CONTROLLED RECTIFIER (SCR)	MCR103	04713	1	
-33	CR4	• SEMICONDUCTOR DEVICE, DIODE	IN914	01295	1	
-34	CR5	• SEMICONDUCTOR DEVICE, DIODE (ATTACHING HDW FURN WITH DIODE)	IN3880	03508	1	
-35	CR6	• SAME AS CR2			1	
-36	CR7	• SAME AS CR3			1	
-37	CR8	• SAME AS CR4			1	
-38	CR9	• SAME AS CR4			1	
-39	L1	• COIL, VOLTAGE REGULATOR	102208-1	54687	1	
-40	L2	COIL, VOLTAGE REGULATOR (ATTACHING PARTS)	102208-2	54687	1	
-41		SCREW, NYLON, SLOTTED	MS18212-7	96906	2	
-42		• WASHER, FLAT	MS27183-8	96906	2	
-43		• WASHER, LOCK	MS35338-138	96906	2	
-44		• NUT, PLAIN, HEX -----*	MS35649-204	96906	2	
-45	Q1	• TRANSISTOR	2N3791	01295	1	
-46		HEAT SINK, ELEC/ELECTRONIC CMPNT	102335-2	54687	1	
-47		COMPOUND, CONDUCTIVE	8 9	26425	AR	
-48		HARDWARE KIT, ELECTRONIC EQUIPMENT (ATTACHING PARTS)	4801	13109	1	
-49		• WASHER, FLAT	MS27183-5	96906	2	
-50		WASHER, LOCK	MS38338-136	96906	2	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USA OI CO
6						
-51		NUT, PLAIN, HEX -----*	MS35649-262	96906	2	
-52	Q2	TRANSISTOR	2N5680	01295	1	
-53	Q3	TRANSISTOR	2N3906	04713	1	
-54	Q4	TRANSISTOR	2N4399	01295	1	
-54A		HEAT SINK, ELEC/ELECTRONIC CMPNT	102665-2	54687	1	
-54B		COMPOUND, CONDUCTIVE	829	26425	AR	
-54C		HAR & RE KIT, ELECTRONIC EQUIPMENT (ATTACHING PARTS)	4801	13103	1	
-54D		WASHER, FLAT	MS27183-5	96906	2	
-54E		WASHER, LOCK	MS35338-136	96906	2	
-54F		NUT, PLAIN, HEX -----*	MS35649-262	96906	2	
-54G	Q5	SAME AS Q2			1	
-54H	Q6	SAME AS Q3			1	
-54I	Q7	TRANSISTOR	2N3904	01295	1	
-55	R1	RESISTOR, FIXED, COMPOSITION, 10 OHMS, 5%, 1/2 W	RCR20G100JS	81349	1	
-56	R2	RESISTOR, FIXED, COMPOSITION, 820 OHMS, 5%, 1/2 W	RCR20G821JS	81349	1	
-57	R3	RESISTOR, FIXED, WIRE WOUND, 0.1 OHM, 5 W	HLW5A2W	91637	1	
-58	R4	RESISTOR, FIXED COMPOSITION, 47K OHMS, 5%, 1/4 W	RCR07G473JS	81349	1	
-59	R5	RESISTOR, FIXED, COMPOSITION, 100 OHMS, 5%, 1/4 W	RCR07G101JS	81349	1	
-60	R6	RESISTOR, FIXED, COMPOSITION, 470 OHMS, 5%, 1 W	RCR32G471JS	81349	1	
-61	R7	RESISTOR, FIXED, COMPOSITION, 10K OHMS, 5%, 1/4 W	RCR07G103JS	81349	1	
-62	R8	RESISTOR, FIXED, COMPOSITION, 2.2K OHMS, 5%, 1/4 W	RCR07G22JS	81349	1	
-63	R9	RESISTOR, FIXED, COMPOSITION, 4.7K OHMS, 5%, 1/4 W	CR07G4721	81349	1	
-64	R10	RESISTOR, FIXED, COMPOSITION, 22K OHMS 5%, 1/4 W	RCR07G223JS	81349	1	



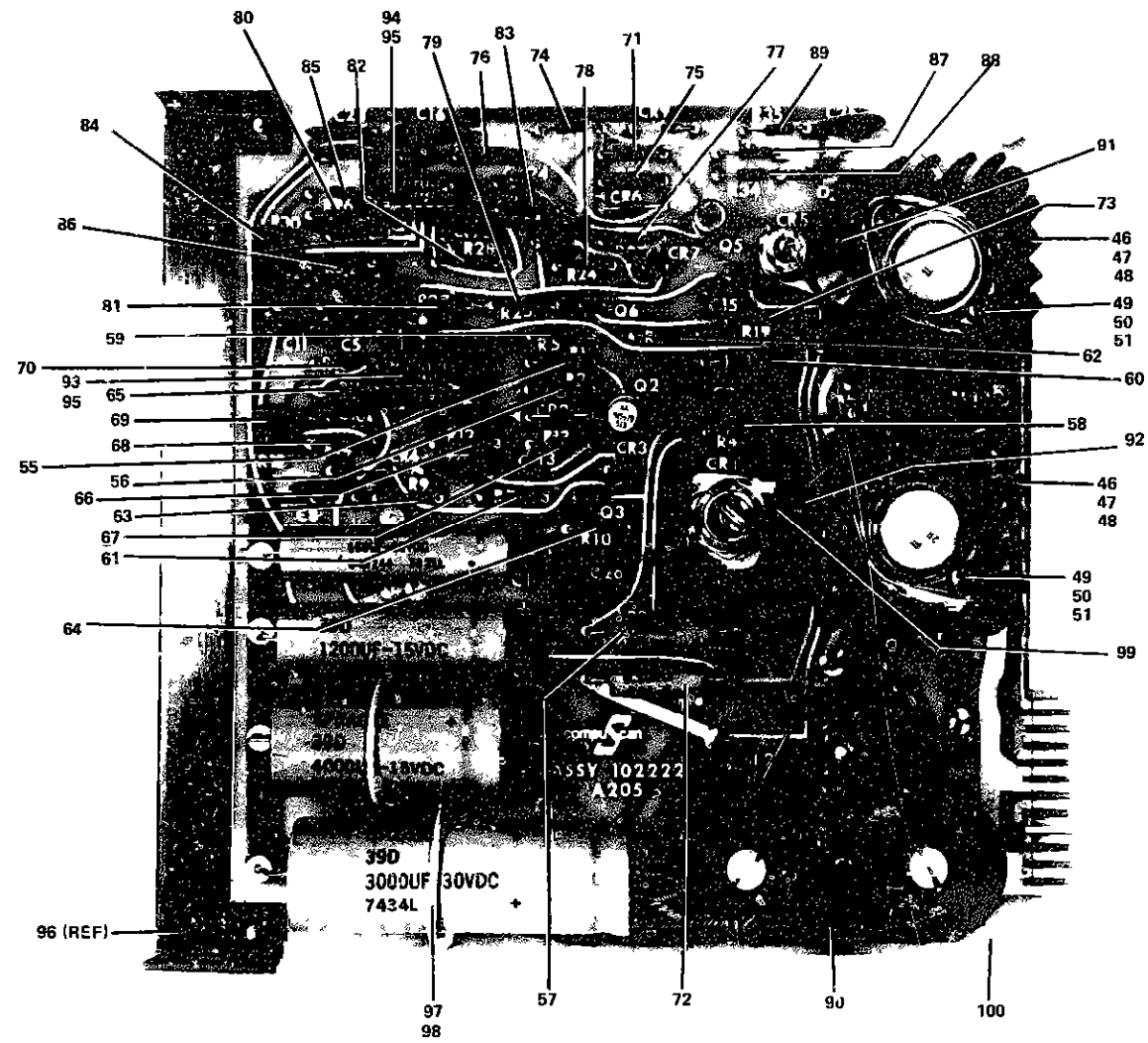


Figure 6. +12 Volt Read and Head Lamp Power Supply Assembly 1A2A2 (Sheet 2 of 2)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
6						
-65	R11	SAME AS R9			1	
-66	R12	RESISTOR, FIXED, COMPOSITION, 470 OHMS, 5%, 1/4 W	RCR07G471JS	81349	1	
-67	R13	RESISTOR, FIXED, COMPOSITION, 220K OHMS, 5%, 1/4 W	RCR07G224JS	81349	1	
-68	R14	RESISTOR, FIXED, COMPOSITION, 1.5K OHMS, 5%, 1/4 W	RCR07G152JS	81349	1	
-69	R15	RESISTOR, VARIABLE, WIRE WOUND, 500 OHMS, 1/2 W	3389W1-501	80294	1	
-70	R16	RESISTOR, FIXED, COMPOSITION, 1K OHMS, 5%, 1/4 W	RCR07G102JS	81349	1	
-71	R17	SAME AS R1			1	
72	R18	SAME AS R3			1	
-73	R19	SAME AS R10			1	
-74	R20	SAME AS R5			1	
-75	R21	SAME AS R2			1	
-76	R22	SAME AS R2			1	
-77	R23	SAME AS R12			1	
-78	R24	SAME AS R7			1	
-79	R25	SAME AS R10			1	
-80	R26	SAME AS R9			1	
-81	R27	SAME AS R9			1	
-82	R28	SAME AS R12			1	
-83	R29	SAME AS R13			1	
-84	R30	RESISTOR, VARIABLE, WIRE WOUND, 5K OHMS, 1/2 W	3389W1-502	80294	1	
-85	R31	RESISTOR, FIXED, COMPOSITION, 5.6 OHMS, 5%, 1/4 W	RCR07G562JS	81349	1	
-86	R32	RESISTOR, FIXED, COMPOSITION, 5.1K OHMS, 5%, 1/4 W	RCR07G512JS	81349	1	
-87	R33	SAME AS R7			1	
-88	R34	RESISTOR, FIXED, COMPOSITION, 8.2K OHMS, 5%, 1/4 W	RCR07G822JS	81349	1	
-89	R35	SAME AS R16			1	
-90	TP1	TERMINAL, STUD	180-7337-02-05	71279	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
6						
-91	TP2	SAME AS TP1			1	
-92	TP3	SAME AS TP1			1	
-93	U1	• MICROCIRCUIT, LINEAR, PRECISION VOLTAGE REGULATOR	U6A7723393	07263	1	
-94	U2	SAME AS U1			1	
-95		• SOCKET, PLUG-IN, ELECTRONIC COMPONENT	C821400	01295	2	
-96		• BRACKET, ANGLE (SEE FIGURE 3-136)	1102213-2	54687	REF	
-97		• INSULATION, SLEEVING, NO. 18, TEFLON	FIR400-18	92194	AR	
-98		• WIRE, ELECTRICAL, SOLID, NO. 18, BARE COPPER, TINNED	296	92194	AR	
-99		• WIRE, ELECTRICAL, STRANDED, NO. 18, TEFLON INSULATED, GRAY	6877-9	92194	AR	
-100		PRINTED WIRING BOARD	1102221	54687	1	

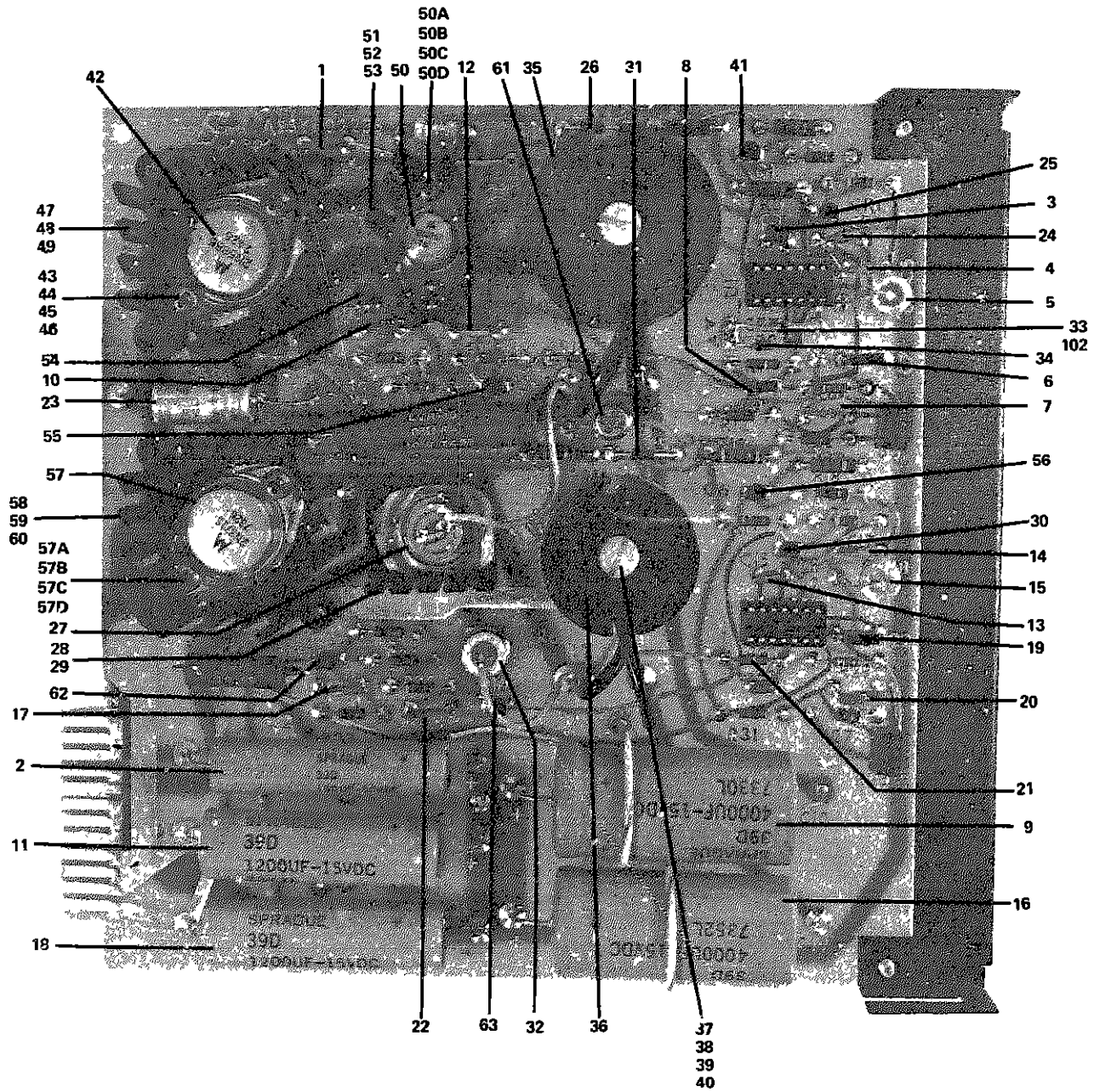


Figure 7. 9 and 12 Volt Power Supply 1A2A3 (Sheet 1 of )

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
7	1A2A3	-9 AND -12 VOLT POWER SUPPLY ASSEMBLY(SEE FIGURE 3-21 FOR NHA)	102236	54687	REF	
-1	C1	CAPACITOR, FIXED, CERAMIC, .05 MF, 50 VDC	CK503	71590	1	
-2	C2	CAPACITOR, FIXED, ELECTROLYTIC, 150 MF, 50 VDC	390157G050EL4	56289	1	
-3	C3	CAPACITOR, FIXED, CERAMIC, 33 PF, 200 VDC	CK05BX330K	81349	1	
-4	C5	SAME AS C1			1	
-5	C6	CAPACITOR, FIXED, ELECTROLYTIC, 33MF, 20 VDC	150336X902020R2	56289	1	
-6	C7	CAPACITOR, FIXED, CERAMIC, 47 MF, 200 VDC	CK068X474K	81349	1	
-7	C8	SAME AS C1			1	
-8	C9	CAPACITOR, FIXED, CERAMIC, 47 PF, 200 VDC	CK058X470K	81349	1	
-9	C10	• CAPACITOR, FIXED, ELECTROLYTIC, 4000 MF, 15 VDC	390408G015JL4	56289	1	
-10	C12	SAME AS C1			1	
-11	C13	• CAPACITOR, FIXED, ELECTROLYTIC, 1200 MF, 15 VDC	39015FL4	56289	1	
-12	C14	SAME AS C1			1	
-13	C15	• CAPACITOR, FIXED, CERAMIC, 10 PF, 1000 VDC	DD100	71590	1	
-14	C17	SAME AS C1			1	
-15	C18	SAME AS C6			1	
-16	C19	SAME AS C10			1	
-17	C20	• SAME AS C1			1	
-18	C21	SAME AS C13			1	
-19	C22	• SAME AS C7			1	
-20	C23	• SAME AS C1			1	
-21	C24	SAME AS C15			1	
-22	C25	SAME AS C1			1	
-23	C26	CAPACITOR, FIXED, ELECTROLYTIC, 50 MF, 50 VDC	39D506G050FF4	56289	1	
-24	C27	• CAPACITOR, FIXED, CERAMIC, 250 PF, 1000 VDC	DD25L	71590	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
7						
-25	CR1	SEMICONDUCTOR DEVICE, CONTROLLED RECTIFIER	MCR103	04713	1	
-26	CR2	• SEMICONDUCTOR DEVICE, DIODE	1N4733	04713	1	
-27	CR3	• SEMICONDUCTOR DEVICE, DIODE (ATTACHING HDW FURN WITH DIODE)	1N3900	21845	1	
-28		HEAT SINK, ELEC/ELECTRONIC CMPNT MODIFIED 6106B 05820	102666-1	54687	1	
-29		CONDUCTIVE COMPOUND	829	26425	AR	
-30	CR4	SAME AS CR1			1	
-31	CR5	SAME AS CR2			1	
-32	CR6	• SEMICONDUCTOR DEVICE, DIODE (ATTACHING HDW FURN WITH DIODE)	1N3880	03508	1	
-33	CR7	• SEMICONDUCTOR DEVICE, DIODE	1N914	01295	1	
-34	CR8	• SAME AS CR7			1	
-35	L1	COIL, VOLTAGE REGULATOR	102208-1	54687	1	
-36	L2	• COIL, VOLTAGE REGULATOR (ATTACHING PARTS)	102208-2	54687	1	
-37		SCREW, NYLON, SLOTTED	MS18212-70	96906	2	
-38		WASHER, FLAT	MS27183-8	96906	2	
-39		WASHER, LOCK	MS35338-138	96906	2	
-40		NUT, PLAIN, HEX -----*	MS35649-204	96906	2	
-41	Q1	• TRANSISTOR	2N3906	04713	1	
-42	Q2	TRANSISTOR (ATTACHING PARTS)	2N5886	04713	1	
-43		SCREW, MACH NE	MS353233-30	96906	2	
-44		WASHER, FLAT	MS27183-5	96906	2	
-45		• WASHER, LOCK	MS35338-136	96906	2	
-46		• NUT, PLAIN -----*	MS35649-264	96906	2	
-47		HEAT SINK (MODIFIED)	102665-2	54687	1	
-48		HARDWARE KIT, ELECTRONIC EQUIPMENT	4801	13101	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
7						
-49		• COMPOUND, CONDUCTIVE	829	26425	AR	
-50	Q3	• TRANSISTOR	2N3767	04713	1	
		(ATTACHING PARTS)				
-50A		• SCREW, MACHINE	MS35233-30	96906	2	
-50B		WASHER, FLAT	MS27183-5	96906	2	
-50C		• WASHER, LOCK	MS35338-136	96906	2	
-50D		NUT, PLAIN, HEX -----*	MS35649-264	96906	2	
-51		• HEAT SINK (MODIFIED)	1102667	54687	1	
-52		• HARDWARE KIT, ELECTRONIC EQUIPMENT	4810	13101	1	
-53		• COMPOUND, CONDUCTIVE	829	26425	AR	
-54	Q4	• TRANSISTOR	2N3904	04713	1	
-55	Q5	• SAME AS Q1			1	
-56	Q6	SAME AS Q1			1	
-57	Q7	• TRANSISTOR	2N3715	04713	1	
		(ATTACHING PARTS)				
-57A		SCREW, MACHINE	MS35223-30	96906	2	
-57B		• WASHER, FLAT	MS37183-5	96906	2	
-57C		WASHER, LOCK	MS35338-136	96906	2	
-57D		• NUT, PLAIN, HEX -----*	MS35649-264	96906	2	
-58		HEAT SINK (MODIFIED)	1102665-1	54687	1	
-59		• HARDWARE KIT, ELECTRONIC EQUIPMENT	4801	13103	1	
-60		• COMPOUND, CONDUCTIVE	829	26425	AR	
-61	Q8	TRANSISTOR	2N5681	04713	1	
-62	Q9	• SAME AS Q4			1	
-63	Q10	SAME AS Q1			1	
-64	R1	• RESISTOR, 1 OHM, 1 WATT	RS1A	91637	1	
-65	R2	RESISTOR, FIXED, COMPOSITION, 100 OHMS, 5%, 1/2 W	RCR20G101JS	81349	1	
-66	R3	RESISTOR, FIXED, COMPOSITION, 1.5K OHMS, 5%, 1/2 W	RCR20G52JS	81349	1	

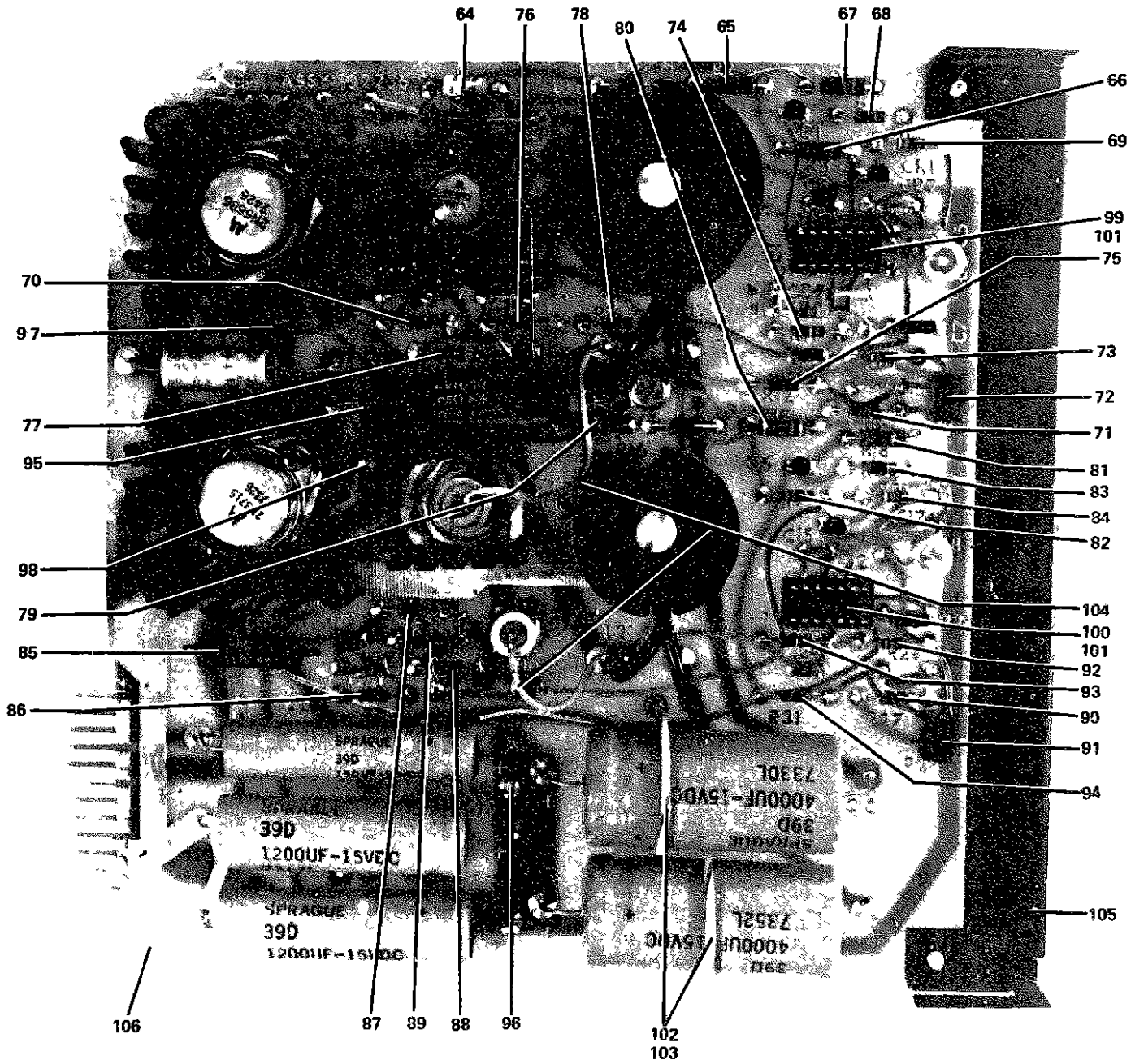


Figure 7-9. and 12 Volt Power Supply Assembly 1A2A3 (sheet 2 Of 2)



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
7						
-67	R4	RESISTOR, FIXED, COMPOSITION, 220 OHMS, 5%, 1/2 W	RCR20G221JS	81349	1	
-68	R5	RESISTOR, FIXED, COMPOSITION, 1K OHMS, 5%, 1/4 W	KR07GIOZJS	81349	1	
-69	R6	RESISTOR, FIXED, COMPOSITION, 4.7K OHMS, 5%, 1/4 W	LCR07G472JS	81349	1	
-70	R7	SAME AS R5			1	
-71	R8	RESISTOR, FIXED, COMPOSITION, 820 OHMS, 5%, 1/4 W	RCR07GBZ1JS	81349	1	
-72	R9	RESISTOR, VARIABLE, 500 OHMS, 1/2 W		32997	1	
-73	R10	RESISTOR, FIXED, COMPOSITION, 470 OHMS, 5%, 1/4 W	RCR07G471JS	81349	1	
-74	R11	RESISTOR, FIXED COMPOSITION, 220K OHMS, 5%, 1/4 W	RCR07G224JS	81349	1	
-75	R12	RESISTOR, FIXED, COMPOSITION, 1.5K OHMS, 5%, 1/4 W	RCR07G152JS	81349	1	
-76	R13	SAME AS R6			1	
-77	R14	RESISTOR, FIXED, COMPOSITION, 10K OHMS, 5%, 1/4 W	RCR07GL03JS	81349	1	
-78	R15	RESISTOR, FIXED, COMPOSITION, 22K OHMS, 5%, 1/4 W	RCR07G223JS	81349	1	
-79	R16	RESISTOR, FIXED, COMPOSITION, 10 OHMS, 5%, 1/2 W	RCR20GL00JS	81349	1	
-80	R17	RESISTOR, FIXED, COMPOSITION, 470 OHMS, 5%, 1/2 W	RCREOG471JS	81349	1	
-81	R18	RESISTOR, FIXED, COMPOSITION, 1.2K OHMS, 5%, 1/2 W	RCR20GLZZJS	81349	1	
-82	R19	RESISTOR, FIXED, COMPOSITION, 3.3K OHMS, 5%, 1/4 W	RCR07G332JS	81349	1	
-83	R20	SAME AS R5			1	
-84	R21	SAME AS R6			1	
-85	R22	RESISTOR, FIXED, WIRE WOUND, 0.1 OHM, 5 W		91637	1	
-86	R23	SAME AS R5			1	
-87	R24	SAME AS R14			1	
-88	R25	SAME AS R6			1	
-89	R26	SAME AS R15			1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
7						
-90	R27	• SAME AS R5			1	
-91	R28	SAME AS R9			1	
-92	R29	• SAME AS R10			1	
-93	R30	• SAME AS R11			1	
-94	R31	RESISTOR, FIXED, COMPOSITION, 1.8K OHMS, 5%, 1/4 W	RCR07G182JS	91349	1	
-95	R32	• RESISTOR, WIRE WOUND, 0.05 OHM, 5%, 10 W	LVRI0	91637	1	
-96	TP1	• TERMINAL, STUD	80-7337-02-05	71279	1	
-97	TP2	SAME AS TP1			1	
-98	TP3	• SAME AS TP1			1	
-99	U1	• MICROCIRCUIT, LINEAR, PRECISION VOLTAGE REGULATOR	MS7723393	07263	1	
-100	U2	• SAME AS U1			1	
-101		SOCKET, PLUG-IN, ELECTRONIC COMPONENT	C931402	73803	2	
-102		INSULATION, SLEEVING, NO. 18, TEFLON	FIT400-18	92194	AR	
-103		WIRE, ELECTRICAL, NO 18, BARE COPPER TINNED	296	92194	AR	
-104		WIRE, ELECTRICAL, STRANDED, NO 18, TEFLON INSULATED, BLACK	5857-2	92194	AR	
-105		BRACKET, ANGLE (SEE FIGURE 3-136)	102213-1	54687	REF	
-106		• PRINTED WIRING BOARD	102225	54687	1	

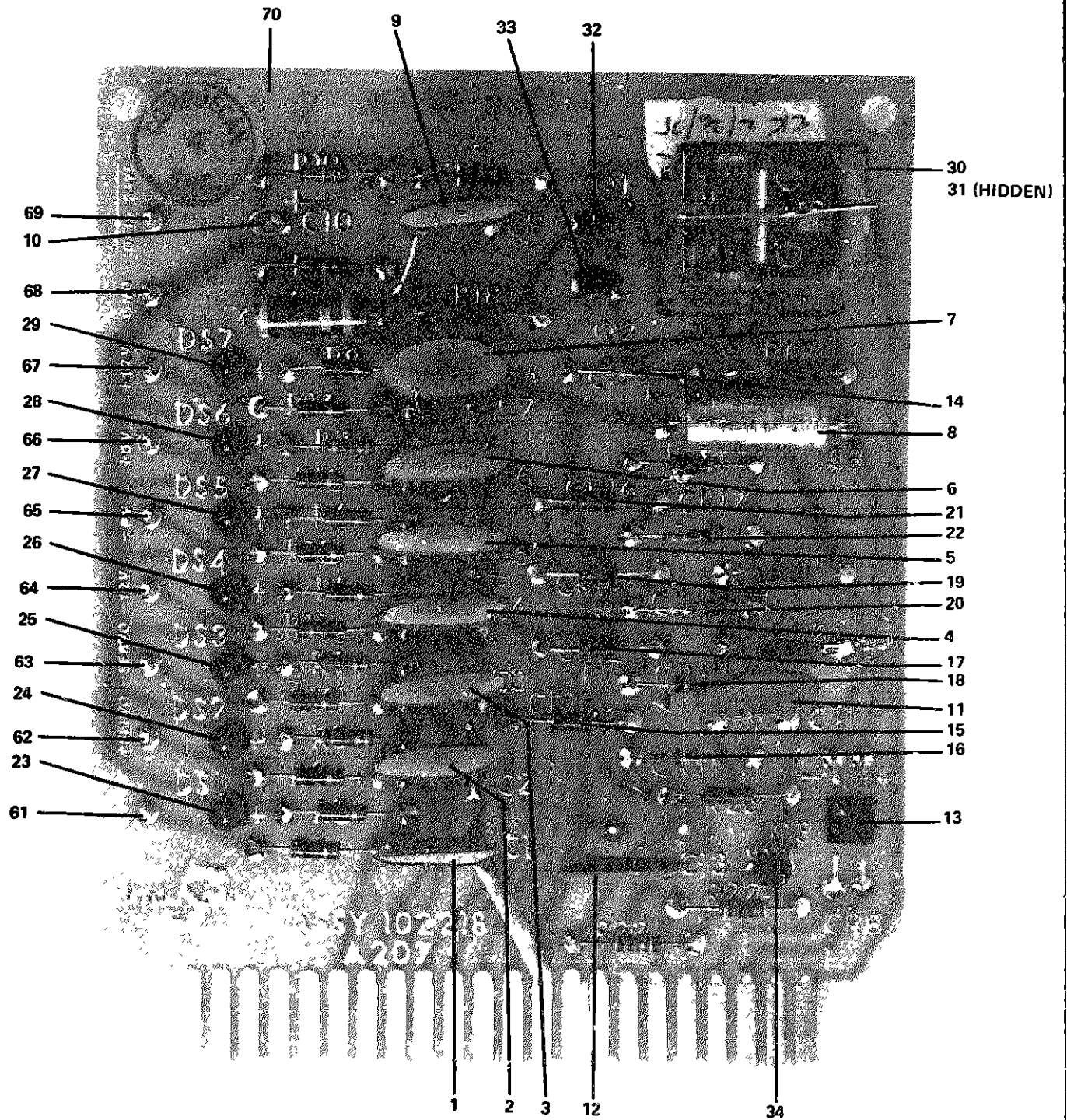


Figure 8. Power Supply 1A2A4 (Sheet 1 of 2)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
8	1A2A4	POWER SUPPLY TEST PANEL CIRCUIT CARD ASSEMBLY (SEE FIG. 3-22 FOR NHA)	102218	54687	REF	
-1	C1	CAPACITOR, FIXED, CERAMIC, .05 MF, 50 VDC	ck503	71390	1	
-2	C2	SAME AS C1			1	
-3	C3	• SAME AS C1			1	
-4	C4	• SAME AS C1			1	
-5	C5	SAME AS C1			1	
-6	C6	SAME AS C1			1	
-7	C7	SAME AS C1			1	
-8	C8	• CAPACITOR, FIXED, ELECTROLYTIC, 33 MF, 20 VDC	150d33x9020r2	56289	1	
-9	C9	• SAME AS C1			1	
-10	C10	• CAPACITOR, FIXED, ELECTROLYTIC, 2.2 MF, 20 VDC		05397	1	
-11	C11	CAPACITOR, FIXED, CERAMIC, .33 MF, 12 VDC	c 0 8 0 m 3 3 4	56289	1	
-12	C13	• SAME AS C11			1	
-13	CR8	• RECTIFIER, SEMICONDUCTOR DEVICE, UNITIZED		04713	1	
-14	CR9	• SEMICONDUCTOR DEVICE, DIODE	1N914	01295	1	
-15	CR10	• SEMICONDUCTOR DEVICE, DIODE	1N4745	04713	1	
-16	CR11	• SAME AS CR9			1	
-17	CR12	• SAME AS CR10			1	
-18	CR13	• SAME AS CR9			1	
-19	CR14	• SEMICONDUCTOR DEVICE, DIODE	1N4735	01295	1	
-20	CR15	SAME AS CR9			1	
-21	CR16	SAME AS CR10			1	
-22	CR17	SAME AS CR9			1	
-23	DS1	SEMICONDUCTOR DEVICE, DIODE (LED)	521-9165	72619	1	
-24	DS2	• SAME AS DS1			1	
-25	DS3	• SAME AS DS1			1	
-26	DS4	• SAME AS DS1			1	
-27	DS5	SAME AS DS1			1	

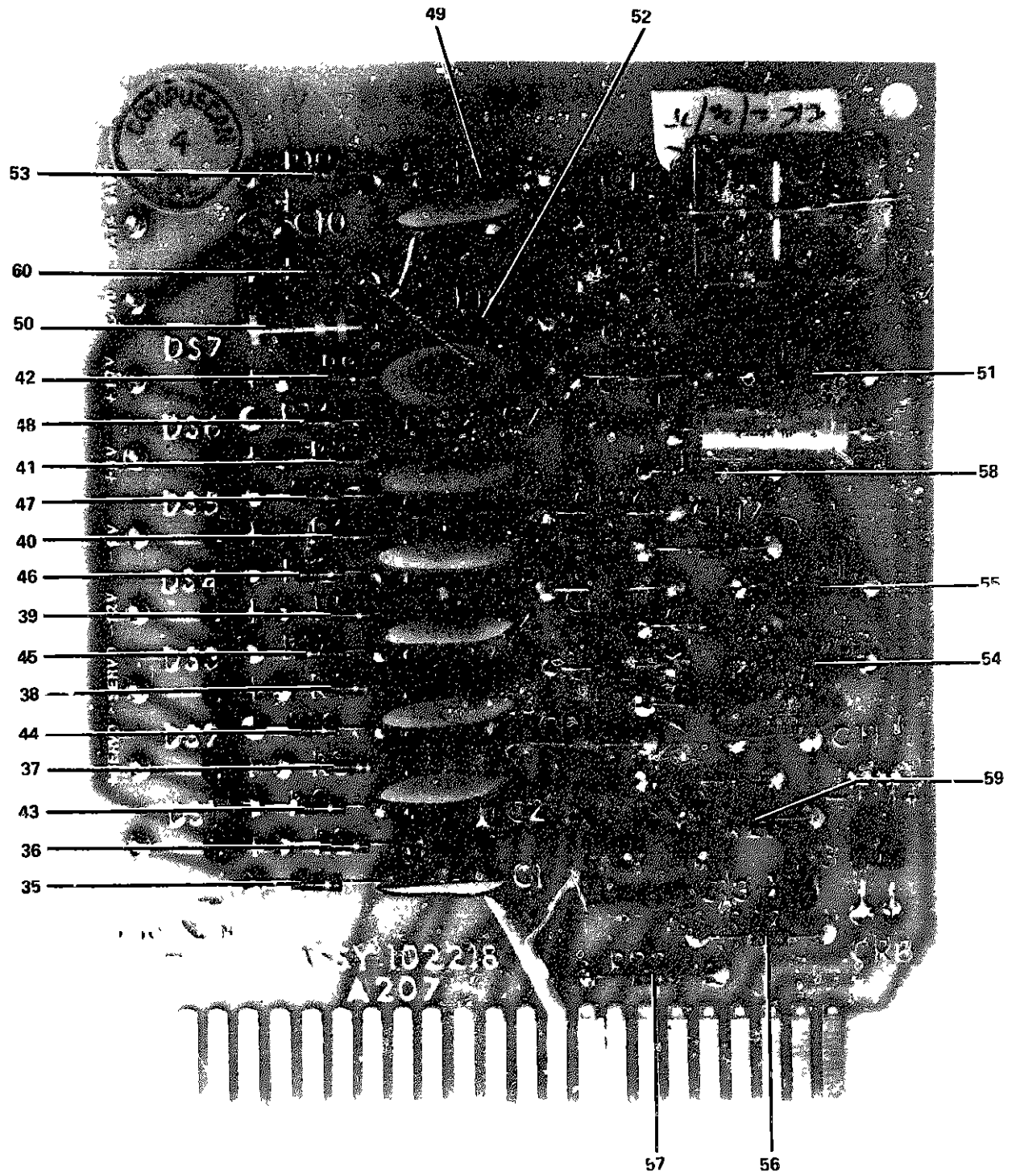


Figure 8 Power Supply Test Panel Circuit Assembly 1A2A4 (Sheet 2 of 2)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
0						
-28	DS6	• SAME AS DS1			1	
-29	DS7	• SAME AS DS1			1	
-30	K1	• RELAY, ARMATURE	R10E1X2V185	77342	1	
-31		• SOCKET, PLUG-IN, ELECTRONIC COMPONENT (RELAY)	9XR10-4	77342	1	
-32	Q1	• TRANSISTOR	MPS6560	04713	1	
-33	Q2	• TRANSISTOR	2N3904	04713	1	
-34	Q3	• TRANSISTOR	2N3906	04713	1	
-35	R1	• RESISTOR, FIXED, COMPOSITION, 1K OHMS, 5%, 1/4 W	RRCR07G102JS	81349	1	
-36	R2	• RESISTOR, FIXED, COMPOSITION, 1.2K OHMS, 5%, 1/4 W	RRCR07G122JS	81349	1	
-37	R3	• SAME AS R2			1	
-38	R4	SAME AS R2			1	
-39	R5	• SAME AS R1			1	
-40	R6	• RESISTOR, FIXED, COMPOSITION, 620 OHMS, 5%, 1/4 W	RRCR07G821JS	81349	1	
-41	R7	RESISTOR, FIXED, COMPOSITION, 470 OHMS, 5%, 1/4 W	RRCR07G471JS	81349	1	
-42	R8	• SAME AS R1			1	
-43	R9	SAME AS R1			1	
-44	R10	SAME AS R1			1	
-45	R11	• SAME AS R1			1	
-46	R12	• SAME AS R1			1	
-47	R13	• SAME AS R1			1	
-48	R14	SAME AS R1			1	
-49	R15	• SAME AS R1			1	
-50	R16	RESISTOR, FIXED, COMPOSITION, 470 OHMS, 5%, 1 W	RRCR32G417JS	81349	1	
-51	R17	RESISTOR, FIXED, COMPOSITION, 470 OHMS, 5%, 1/2 W	RRCR20G471JS	81349	1	
-52	R18	• RESISTOR, FIXED, COMPOSITION, 4.7K OHMS, 5%, 1/4 W	RRCR07G472JS	81349	1	
-53	R19	• RESISTOR, FIXED, COMPOSITION, 470K OHMS, 5%, 1/4 W	RRCR07G047JS	81349	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
8						
-54	R20	RESISTOR, FIXED, COMPOSITION, 2.7K OHMS, 5%, 1/4 W	RCR07G272JS	81349	1	
-55	R21	• SAME AS R7			1	
-56	R22	SAME AS R18			1	
-57	R23	• SAME AS R7			1	
-58	R24	• RESISTOR, FIXED, COMPOSITION, 22 OHMS, 5%, 1/4 W	RCR07G220JS	81349	1	
-59	R25	RESISTOR, FIXED, COMPOSITION, 220 OHMS, 5%, 1/4 W	RCR07G221JS	81349	1	
-60	R26	• RESISTOR, FIXED, COMPOSITION, 100K OHMS, 5%, 1/4 W	RCR07G104JS	81349	1	
-61	TP1	TERMINAL, STUD	1160-374-01-04	71279	1	
-62	TP2	SAME AS TP1			1	
-63	TP3	SAME AS TP1			1	
-64	TP4	• SAME AS TP1			1	
-65	TP5	SAME AS TP1			1	
-66	TP6	• SAME AS TP1			1	
-67	TP7	SAME AS TP1			1	
-68	TP8	SAME AS TP1			1	
-69	TP9	SAME AS TP1			1	
-70		PRINTED WIRING BOARD	102217	54687	1	

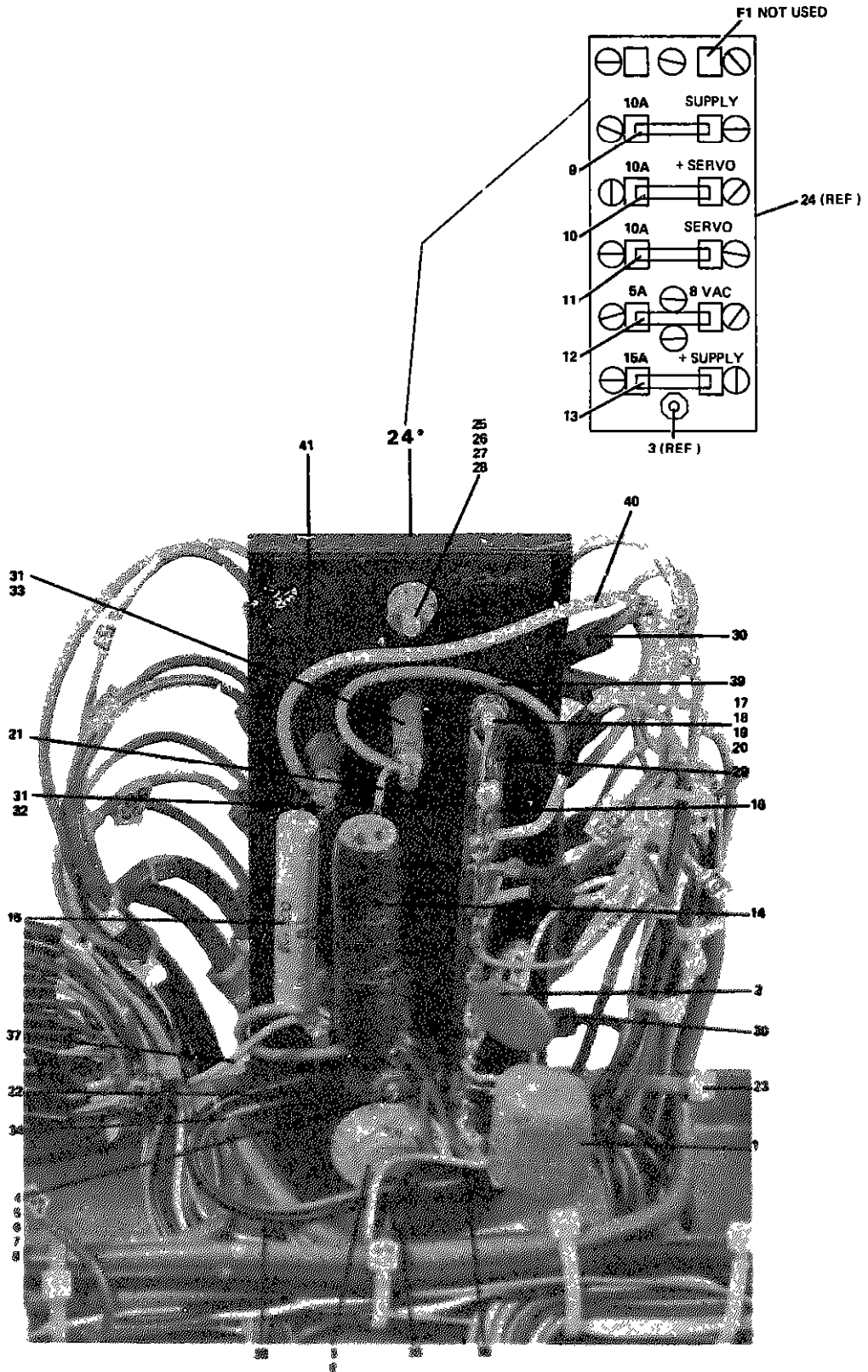


Fig. 1. Connector Panel for Servo Motor



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
9	LA2A5	OVERVOLTAGE CONTROL ASSEMBLY (SEE FIGURE 3-28 FOR NHA)	102235	54687	REF	
-1	C7	• CAPACITOR, FIXED, CERAMIC, 1 MF, 100 VDC	225P10591YD3	56289	1	
-2	C8	• CAPACITOR, FIXED, CERAMIC, DISK, .33 MF, 12VDC	C080A120M334M	56289	1	
-3	CR4	SEMICONDUCTOR DEVICE, CONTROLLED RECT (ATTACH HDW FURN WITH DEVICE)	MCR3918-3	04713	1	
-4	CR5	SEMICONDUCTOR DEVICE, CONTROLLED RECTIFIER	MCR3000-3	04713	1	
		(ATTACHING PARTS)				
-5		SCREW, MACHINE	MS51959-31	96906	1	
-6		WASHER, LOCK, EXTERNAL	MS35338-58	96906	1	
-7		NUT, PLAIN, HEX ---*---	MS35649-262	96906	1	
-8		• CONDUCTIVE COMPOUND	829	26425	AR	
-9	F2	FUSE, CARTRIDGE, 10-AMP, 3AG	312010	75915	1	
-10	F3	SAME AS F2			1	
-11	F4	SAME AS F2			1	
-12	F5	FUSE, CARTRIDGE, 5-AMP, 3AG	312005	75915	1	
-13	F6	FUSE, CARTRIDGE, 15-AMP, 3AG	311015	75915	1	
-14	RS	RESISTOR, FIXED, COMPOSITION, 5 OHMS, 5%, 20 W	RW20GR50	81349	1	
-15	RB	• RESISTOR, FIXED, COMPOSITION, 1 OHM, 5%, 20 W	4730	44655	1	
-16	YB20J	FANNING STRIP	3012	84330	1	
		(ATTACHING PARTS)				
-17		SCREW, MACHINE	MS51959-13	96906	2	
-18		WASHER, FLAT	MS35338-3	96906	2	
-19		WASHER, LOCK	MS35338-57	96906	2	
-20		NUT, PLAIN, HEX	MS35649-262	96906		
-21		INSULATING SHEETING, 1/8" THICK	F13417-10	92156	AR	
-22		INSULATING SHEETING, 1/8" THICK	F13417-10	92156	AR	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
9						
-23	•	STRAP, TIEDOWN, ELECTRONIC COMPONENT	STIM	06383	AR	
-24		FUSEHOLDER, BLOCK	102349	54687	1	
		(ATTACHING PARTS)				
-25	•	SCREW, MACHINE	MS51959-31	96906	1	
-26		WASHER, FLAT	MS27183-5	96906	1	
-27	•	WASHER, LOCK, EXTERNAL TOOTH	MS35338-58	96906	1	
-28		NUT, PLAIN, HEX -----*	MS35649-262	96906	1	
-29	•	WIRE, SOLID, TINNED, NO 18 AWG	296	92194	AR	
-30		TERMINAL, LUG, NO 10	320574	00779	2	
-31		TERMINAL, STUD	4814-1-0516	71279	4	
		(ATTACHING PARTS)				
-32	•	SCREW, MACHINE	MS51959-13	96906	2	
-33		SCREW, MACHINE -----*	MS51959-15	96906	2	
-34		WIRE, STRANDED, TEFLON INSULATED, NO 18 AWG, GREEN	5857-4	92194	AR	
-35		WIRE, STRANDED, TEFLON INSULATED, NO 18 AWG, YELLOW	5857-5	92194	AR	
-36		WIRE, STRANDED, TEFLON INSULATED, NO 16 AWG, BLACK	5858-2	92194	AR	
-37		WIRE, STRANDED, TEFLON INSULATED, NO 16 AWG, GRAY	5858-9	92194	AR	
-38		WIRE, STRANDED, TEFLON INSULATED, NO 14 AWG, BLACK	5859-2	92194	AR	
39		WIRE, STRANDED, TEFLON INSULATED, NO 14 AWG, RED	5859-1	92194	AR	
40		WIRE, STRANDED, TEFLON INSULATED, NO 14 AWG, GRAY	5859-9	92194	AR	
-41		WIRE, STRANDED, TEFLON INSULATED, NO 14 AWG, BLUE	10269	54687	1	

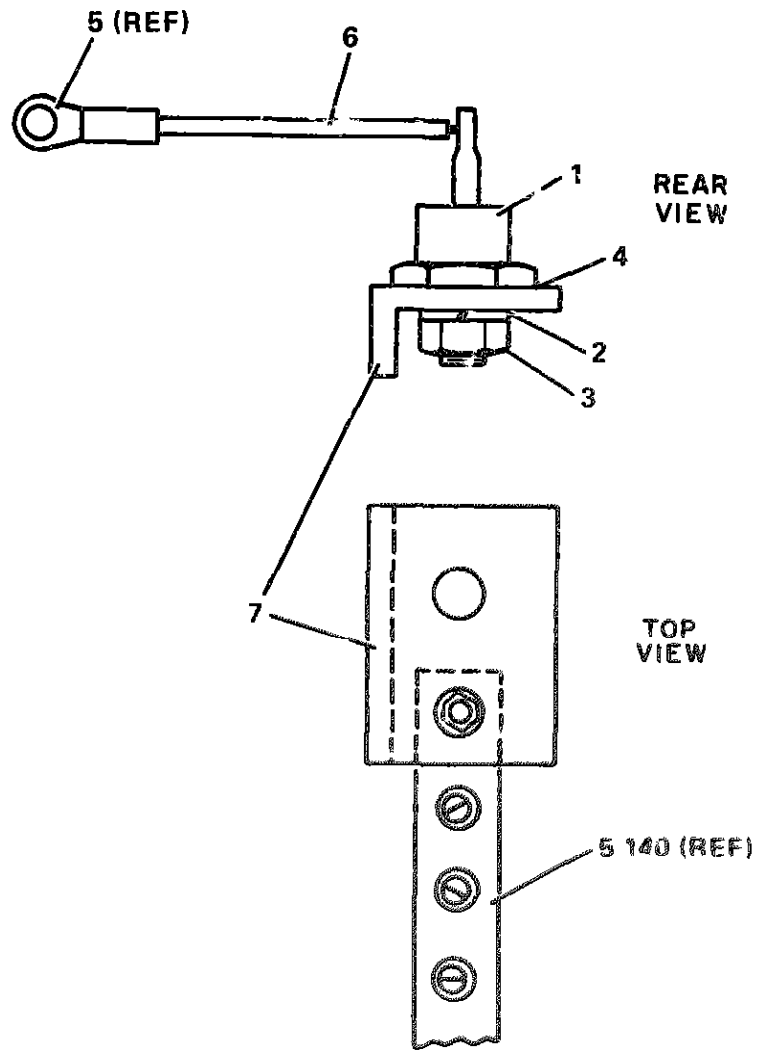


Figure 1. Detail of the rear view of the assembly.

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
10	LA2A6	POWER SUPPLY SEMICONDUCTOR (DIODE) ASSEMBLY(SEE FIGURE 3-30 FOR NHA)	102615	54687	REF	
-1		• SEMICONDUCTOR DEVICE (ATTACHING PARTS)	1N3900	21845	1	
-2		• WASHER, LOCK	MS35338-139	96906	1	
-3		• NUT, PLAIN, HEX -----*	MS2508204	96906	1	
-4		• CONDUCTIVE COMPOUND	829	26245	AR	
-5		• TERMINAL, LUG	32188	32575	REF	
-6		• WIRE, STRANDED, NO. 14 AWG, TEFLON INSULATION, WHITE	5859-1	92194	AR	
-7		• BRACKET, ANGLE, 1-INCH X 1/2-INCH X 1/8-INCH, EXTRUDED ALUMINUM	102616	54687	1	

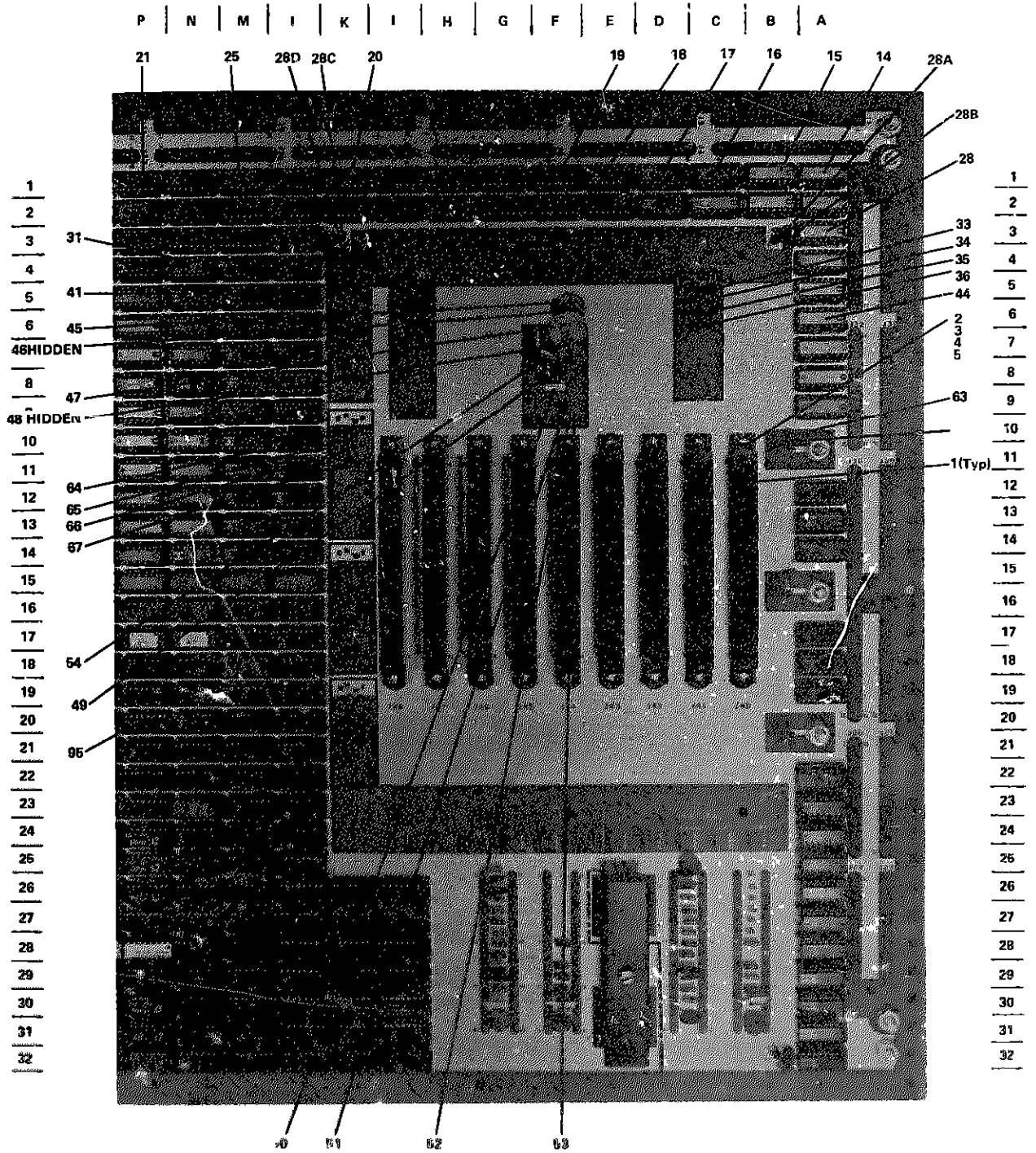


Figure 11. Main Wire Wrap Board Sheet 1 of 1

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11	1A3	MAIN WIRE WRAP BOARD ASSEMBLY (SEE FIGURE 1 11 FOR NHA)	102516-2	54687	REF	
-1	J40	CONNECTOR, RECEPTACLE, ELECTRICAL (ATTACHING PARTS)	H311135	01295	1	
-2		SCREW, MACHINE	MS35521-5	96906	18	
-3		WASHER FLAT	MS27183-2	96906	18	
-4		WASHER LOCK	MS35338-134	96906	18	
-5		NUT, PLAIN, HEX -----*	MS35649-224	96906	18	
-6	J41	SAME AS J40			1	
-7	J42	SAME AS J40			1	
-8	J43	SAME AS J40			1	
-9	J44	SAME AS J40			1	
-10	J45	SAME AS J40			1	
-11	J46	SAME AS J40			1	
-12	J47	SAME AS J40			1	
-13	J48	SAME AS J40			1	
-14	1A	MICROCIRCUIT, DIGITAL, QUAD 2-LINE TO 1-LINE DATA SEL/MULTIPLEXER	SN74S257N	01295	1	
-15	1B	MICROCIRCUIT, DIGITAL, SYNC UP/DOWN 4-BIT BINARY COUNTER (2-CLK LINES)	SN74193N	01295	1	
-16	1C	MICROCIRCUIT, DIGITAL, QUAD 2-INPUT POSITIVE-NAND BUFFER	SN7437N	01295	1	
-17	1D	MICROCIRCUIT, DIGITAL, DUAL D-TYPE EDGE-TRIGGERED FLEP-FLCP	SN7474N	01295	1	
-18	1E	MICROCIRCUIT, DIGITAL, QUAD 2-INPUT POSITIVE-NAND GATE	SN7400N	01295	1	
-19	1F	MICROCIRCUIT, DIGITAL, HALF SCHMITT-TRIGGER INVERTER	SN7414N	01295	1	
	1G	SAME AS 1B			1	
	1H	SAME AS 1C			1	
	1I	SAME AS 1D			1	
-20	1K	MICROCIRCUIT, DIGITAL, QUAD 2-INPUT POS-NAND BUFFER (NON-INVERTING)	SN7438N	01295	1	

GROUP ASSEMBLY PARTS LIST

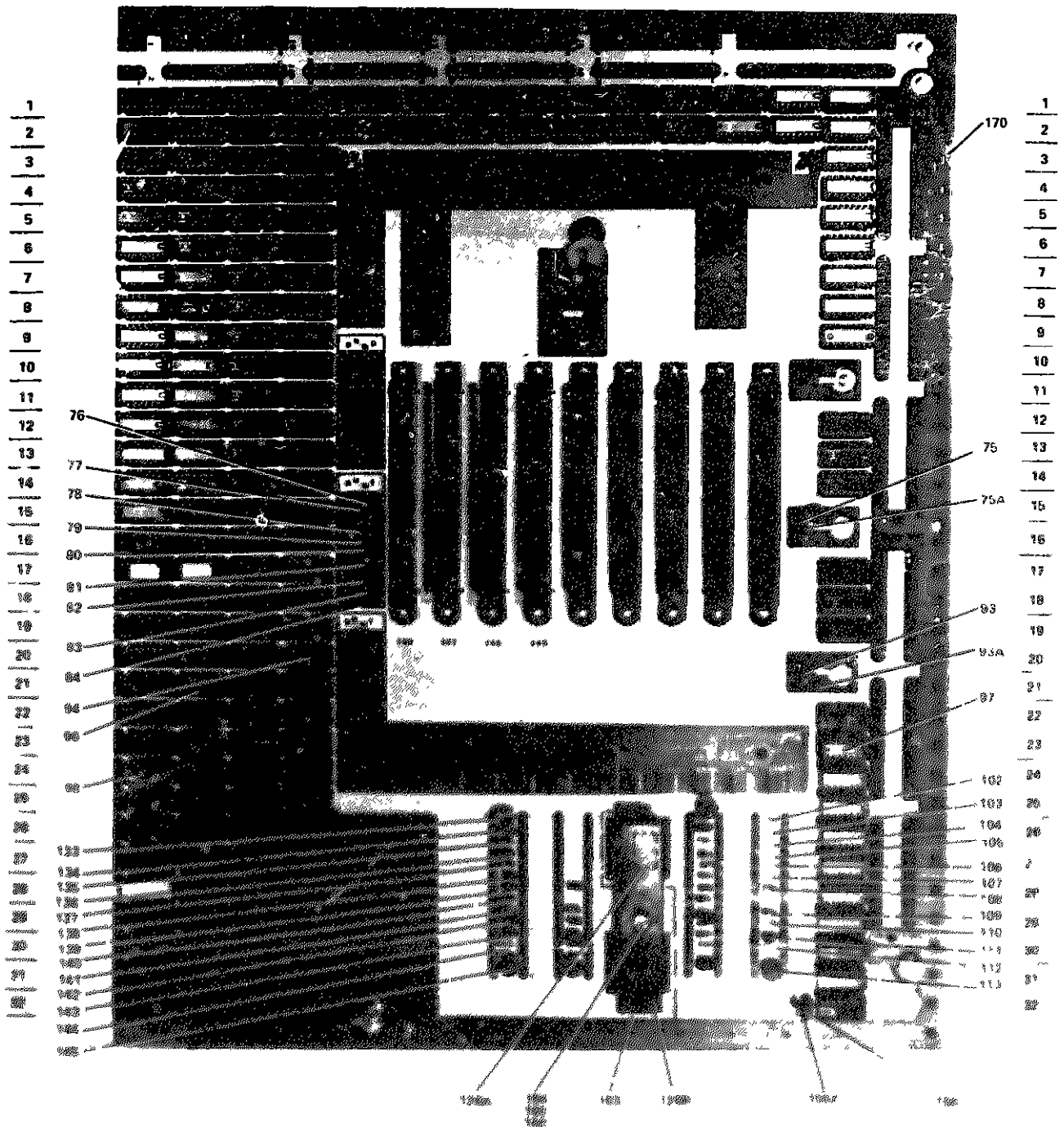
FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11						
	1L	• SAME AS 1D			1	
	1M	SAME AS 1E			1	
	1N	• SAME AS 1E			1	
-21	1P	• MICROCIRCUIT, DIGITAL, DUAL J-K MASTER-SLAVE FLIP-FLOP	SN74107N	01295	1	
-22	1R	• MICROCIRCUIT, DIGITAL, HEX INVERTER	SN7404N	01295	1	
-23	1T	MICROCIRCUIT, DIGITAL, DUAL 4-INPLT POSITIVE-NAND BUFFER	SN7440N	01295	1	
	1U	• SAME AS 1B			1	
	1V	SAME AS 1D			1	
	1X	• SAME AS 1D			1	
	1Y	SAME AS 1E			1	
	1Z	• SAME AS 1E			1	
-24	11	CAPACITOR, FIXED, ELECTROLYTIC, 68UF, 20%, 6VDC	T362A685M006AS	05367	1	
-24	1Z-P3	CAPACITOR, FIXED, CERAMIC, .051F, PLUS 80% MINUS 20%, 20VDC	UK20-303	71590	1	
	2A	SAME AS 1A			1	
	2B	SAME AS 1F			1	
	2C	SAME AS 1D			1	
	2D	• SAME AS 1R			1	
	2E	• SAME AS 1P			1	
	2F	• SAME AS 1B			1	
	2G	• SAME AS 1D			1	
	2H	• SAME AS 1D			1	
	2I	• SAME AS 1F			1	
	2J	• SAME AS 1A			1	
-25	2K	RESISTOR, FIXED, CARBON FILM, 10K, 1%, 1/4W	20742000	01109	1	
	2L	• SAME AS 1I			1	
	2M	• SAME AS 1F			1	
	2N	• SAME AS 1P			1	
	2O	• SAME AS 1B			1	
	2P	• SAME AS 1B			1	

GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11						
	2U	SAME AS 1B			1	
-26	2V	• MICROCIRCUIT, DIGITAL, QUAD 2-INPUT MULTIPLEXER	93220M	07263	1	
	2W	• SAME AS 1D			1	
	2X	• SAME AS 1D			1	
	2Y	• SAME AS 1T			1	
-27	2Z	• MICROCIRCUIT, DIGITAL, J-K MASTER-SLAVE FLIP-FLCP	SN7472N	01295	1	
-28	3A	• MICROCIRCUIT, DIGITAL, QUAD 2-INPUT POSITIVE-NAND GATE	SN74L00N	01295	1	
-28A	3B-P1	SAME AS 1Z-P1			1	
-28B	3C-P3	SAME AS 1Z-P3			1	
-28C	3K-P1	• SAME AS 1Z-P1			1	
-28D	3K-P3	• SAME AS 1Z-P3			1	
	3L	• SAME AS 1C			1	
	3M	• SAME AS 1B			1	
	3N	SAME AS 1B			1	
	3P	• SAME AS 1R			1	
	3R	• SAME AS 1D			1	
-29	3S	MICROCIRCUIT, CYCICAL PROGRAMME MEMORY (AES) USED IN LOCAL-PCAP CONFIGURATION	CPM-ALSPRM/OCFLB-MSB	54607	1	B
	3U	SAME AS 1D			1	
	3V	• SAME AS 1D			1	
	3W	SAME AS 1T			1	
	3X	SAME AS 1R			1	
30	3Y	MICROPROCESSOR (CPU) (AES) USED IN LOCAL-PCAP CONFIGURATION		70000	1	
	3Z	SAME AS 1T			1	
	4A	SAME AS 1C			1	
	4B	SAME AS 1C			1	
31	4C	• MICROPROCESSOR (CPU) (AES) USED IN LOCAL-PCAP CONFIGURATION		80000	1	
	4D	• SAME AS 1T			1	



P | N | M | L | K | I | H | G | F | E | D | C | B | A



• 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

( 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170

## GROUP ASSEMBLY PARTS LIST

FIG. & INDEX NO.	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11						
	4R	• SAME AS 1D			1	
	4U	• SAME AS 1R			1	
	4V	• SAME AS 2M			1	
	4W	SAME AS 2M			1	
	4X	SAME AS 1B			1	
-32	4Y	MICROCIRCUIT, DIGITAL, DUAL 4-LINE TO 1-LINE DATA SEL/MULTIPLEXER	SN74153N	01295	1	
	4Z	• SAME AS 1B			1	
	5A	• SAME AS 1D			1	
-33	R/A-P1	• RESISTOR, FIXED, COMPOSITION, 220 OHMS, 5%, 1/4 W	RCR07G221JS	81349	1	
-34	R/A-P3	• SAME AS R/A-P1			1	
-35	R/A-P5	• SAME AS R/A-P1			1	
-36	R/A-P7	SAME AS R/A-P1			1	
-37	R/B-P1	CAPACITOR, FIXED, CERAMIC, .001MF, 10%, 10VDC	801000X5F0102K-	72982	1	
-38	R/B-P3	SAME AS R/B-P1			1	
-39	R/B-P5	SAME AS R/B-P1			1	
-40	R/B-P7	• SAME AS R/B-P1			1	
-41	5L	MICROCIRCUIT, DIGITAL, DUAL J-K EDGE-TRIGGERED FF (COMMON CLOCK)	SN74H108N	01295	1	
	5M	SAME AS 1B			1	
	5N	SAME AS 1D			1	
	5P	• SAME AS 1P			1	
	5R	SAME AS 1P			1	
-42	5S	MICROCIRCUIT, DIGITAL, PROGRAMMED READ-ONLY MEMORY (ALSO USED ON DUAL-FONT CONFIGURATION)	CPM-ASSTRM/OCR8-LS8	5+687	1	8
	5U	SAME AS 1R			1	
-43	5V	• MICROCIRCUIT, DIGITAL, HEX D-TYPE FLIP-FLOP WITH CLEAR	SN74174N	01295	1	
	5W	• SAME AS 1D			1	
	5X	• SAME AS 1B			1	
	5Y	SAME AS 4Y			1	

GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11	5Z	• SAME AS 1B			1	
-44	5A	• MICROCIRCUIT, DIGITAL, 15V FFX INVERTER BUFFER/DRIVER	SN7416N	01295	1	
-45	5F-P1	• CAPACITOR, FIXED, CERAMIC, 100PF	DTZ100	71590	1	
-46	5F-P3	• CAPACITOR, FIXED, CERAMIC .01PF, PLUS 80% MINUS 20%, 25VDC	UK25 103	99942	1	
-47	5F-P5	• CAPACITOR, FIXED CERAMIC, 120PF	DTZ120	71590	1	
-48	5F-P7	• RESISTOR, FIXED, COMPOSITION 100 OHMS, 5%, 1/4 W	RCR07G101JS	81349	1	
-49	5F-P9	• SAME AS 5F-P1			1	
-50	5F-P11	CRYSTAL OSCILLATOR, 18MHZ-32PF	031220	01776	1	
-51	5F-P13	• RESISTOR, FIXED, COMPOSITION, 18K OHMS, 5%, 1/4 W	RCR07G183JS	81349	1	
-52	5F-P15	• TRANSISTOR	2N3906	04713	1	
-53	5F-P17	RESISTOR, FIXED, COMPOSITION, 270 OHMS, 5%, 1/4 W	RCR07G271JS	81349	1	
-54	5U	• RESISTOR, FIXED, COMPOSITION, 5600 OHMS, 5%, 1/4 W	RCR07G562JS	81349	1	
	6L	SAME AS 5L			1	
	6M	SAME AS 1B			1	
-55	6N	• MICROCIRCUIT, DIGITAL, 4-BIT BINARY FULL ADDER	SN7483N	01295	1	
	6P	SAME AS 2M			1	
	6R	SAME AS 1R			1	
-56	6S ALT	MICROCIRCUIT, DIGITAL, PROGRAMMED READ-ONLY MEMORY (ALSO USED ON DUAL-PORT CONFIGURATION)	CPM-ALSTRM/OCRA-	54687	OPT	A
	6U	SAME AS 1R			1	
	6V	SAME AS 2M			1	
	6W	SAME AS 1D			1	
	6X	• SAME AS 2M			1	
	6Z	SAME AS 1D			1	
	7A	• SAME AS 2V			1	
	7L	• SAME AS 1D			1	
	7M	SAME AS 1B			1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11						
	7N	SAME AS 6N			1	
	7P	• SAME AS 2M			1	
	7R	• SAME AS 1R			1	
	7U	SAME AS 1C			1	
	7W	SAME AS 1E			1	
	7X	SAME AS 2M			1	
	7Y	SAME AS 1D			1	
	7Z	• SAME AS 1D			1	
	8A	SAME AS 2V			1	
-57	8L	MICROCIRCUIT, DIGITAL, HEX INVERTER	SN74H04N	95	1	
	8M	• SAME AS 1B			1	
-58	8N	MICROCIRCUIT, DIGITAL	9314PC	63	1	
	8P	SAME AS 8N			1	
	8R	SAME AS 8N			1	
-59	8S ALT	• MICROCUICUIT, DIGITAL, PROGRAMMED READ-ONLY MEMORY (ALSO USED ON DUAL-FONT CONFIGURATION)	CPM-ALSTRM/OCRA- L S B	87	OPT	A
	8U	• SAME AS 1P			1	
	8V	SAME AS 1R			1	
-60	8W	MICROCIRCUIT, DIGITAL, QUAD, 2-INPUT POSITIVE-AND GATE	SN7406N	95	1	
	8X	• SAME AS 1B			1	
	8Y	• SAME AS 1B			1	
	8Z	SAME AS 1D			1	
	9A	• SAME AS 2V			1	
	9L	• SAME AS 1B			1	
	9M	SAME AS 1B			1	
-61	9N	MICROCIRCUIT, DIGITAL	9314PC	63	1	
	9P	SAME AS 1B			1	
	9R	SAME AS 1B			1	
	9U	SAME AS 1P			1	

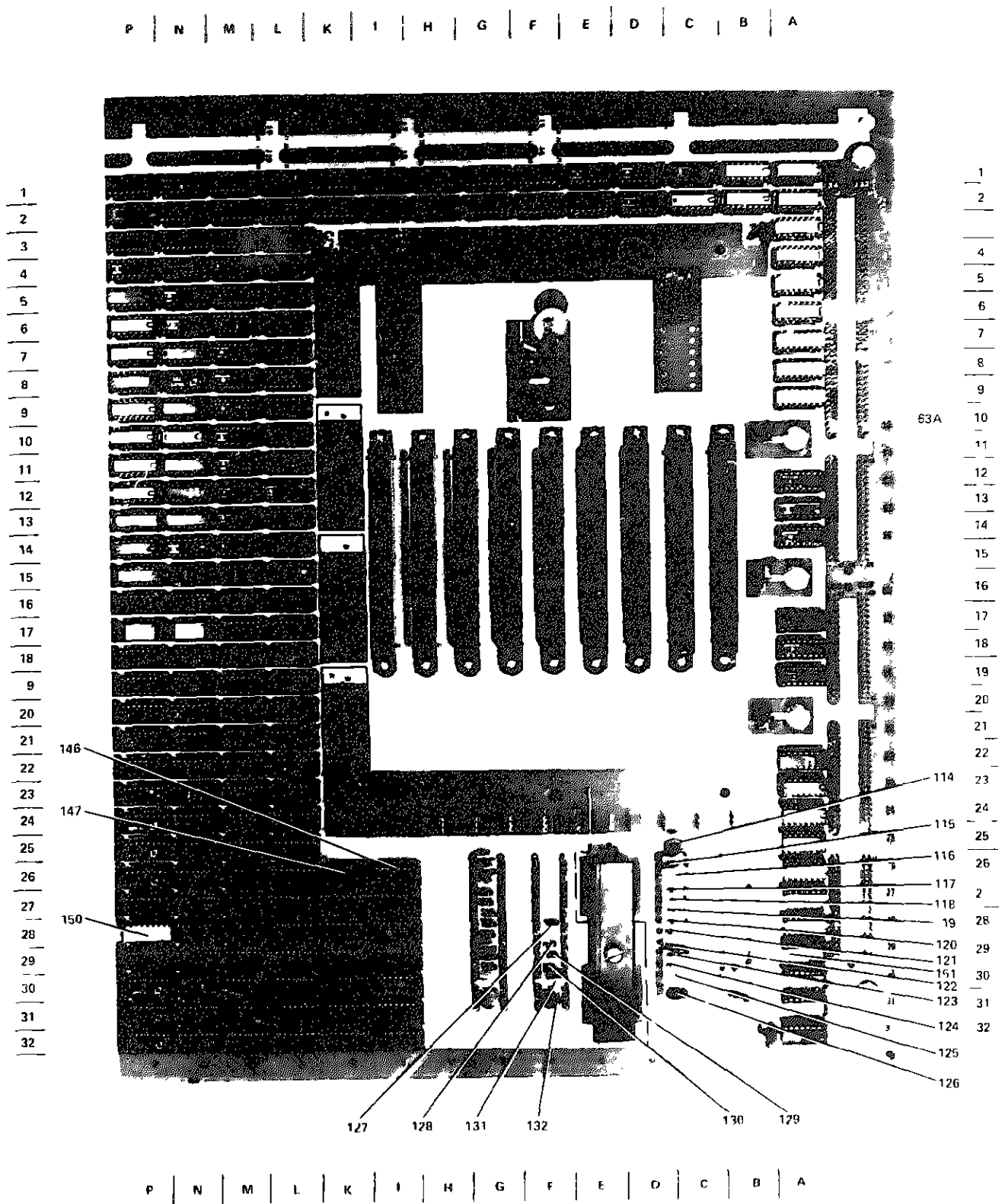


Figure 11. Main Wire Wrap Board Assembly (A) (Sheet 1 of 1)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
LL	9V	SAME AS 1E			1	
-62	9W	• MICROCIRCUIT, DIGITAL	9322PC	07263	1	
	9X	• SAME AS 2M			1	
	9Y	SAME AS 2M			1	
	9Z	SAME AS 1R			1	
-63	10B-P1	CAPACITOR, FIXED, ELECTROLYTIC, 2 2MF, 20%, 20VDC	T34862A224M020AS	05397	1	
-63A	10B-P3	SAME AS 1Z-P3			1	
-64	R/D-P1	• RESISTOR, FIXED, COMPOSITION, 1K OHMS, 5%, 1/4 W	RCR07G102JS	81349	1	
-65	R/D-P3	SAME AS R/D-P1			1	
-66	R/D-P5	• SAME AS R/D-P1			1	
-67	R/D-P7	SAME AS R/D-P1			1	
	10L	SAME AS 1D			1	
	10M	SAME AS 1F			1	
	10N	SAME AS 1R			1	
	10P	SAME AS 1F			1	
	10R	SAME AS 1F			1	
	10S	• SAME AS 1P			1	
	10T	• SAME AS 5V			1	
	10U	SAME AS 5V			1	
-68	10V	• MICROCIRCUIT, DIGITAL, TRIPLE 3-INPUT POSITIVE-NAND GATE	SN7410N	01295	1	
	10W	SAME AS 2V			1	
	10X	• SAME AS 1D			1	
	10Y	SAME AS 1T			1	
-69	10Z	• MICROCIRCUIT, DIGITAL, 4-WIDE 2-INPUT AND-OR-INVERT GATE	SN7454N	01295	1	
	11L	SAME AS 4Y			1	
	11M	SAME AS 1D			1	
-70	11N	MICROCIRCUIT, DIGITAL, BCD-TO- DECIMAL DECODER	SN7442N	01295	1	
	11P	SAME AS 1B			1	

GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11						
	11R	• SAME AS 1B			1	
	11S	• SAME AS 1C			1	
	11T	SAME AS 2M			1	
	11U	• SAME AS 2M			1	
	11V	SAME AS 1C			1	
	11W	SAME AS 1E			1	
	11X	SAME AS 1R			1	
	11Y	SAME AS 1D			1	
	11Z	SAME AS 1B			1	
	12A	SAME AS 1B			1	
	12L	SAME AS 4Y			1	
	12M	SAME AS 1D			1	
-71	12N	MICROCIRCUIT, DIGITAL, 8-BIT DATA SELECTOR/MULTIPLEXER WITH STEER-	SN74151N	61205	1	
-72	12P	MICROCIRCUIT, DIGITAL, 8-INPUT POSITIVE-NAND GATE	SN7430N	01295	1	
	12R	SAME AS 1T			1	
	12S	SAME AS 1R			1	
	12T	SAME AS 1R			1	
	12U	SAME AS 1E			1	
	12V	• SAME AS 1D			1	
	12W	S/ 10V			1	
-73	R/	• CAPACITOR, FIXED, CERAMIC, 002MF	DD202	71590	1	
	/A-P3	SAME AS 6F-P1			1	
	12Y	SAME AS 8W			1	
	12Z	• SAME AS 1E			1	
	13A	• SAME AS 1C			1	
	13L	SAME AS 4Y			1	
	13M	SAME AS 2M			1	
	13N	SAME AS 11N			1	
	13P	SAME AS 12N			1	

## GROUP ASSEMBLY PARTS LIST

FIG. & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11			SN74404N			
	13R	• SAME AS 1T			1	
	13S	SAME AS 1E			1	
	13T	• SAME AS 1B			1	
	13J	SAME AS 1B			1	
	13V	• SAME AS 1R			1	
	13W	SAME AS 1R			1	
	13X	SAME AS 6A			1	
	13Y	• SAME AS 1D			1	
	13Z	• SAME AS 1E			1	
	14A	• SAME AS 1B			1	
	14L	• SAME AS 4Y			1	
	14M	• SAME AS 2M			1	
	14N	SAME AS 1E			1	
	14P	SAME AS 12P			1	
	14R	SAME AS 1R			1	
	14S	SAME AS 1C			1	
	14T	SAME AS 12P			1	
	14U	SAME AS 1D			1	
	14V	SAME AS 1B			1	
	14W	SAME AS 1B			1	
	14X	SAME AS 1R			1	
	14Y	SAME AS 1D			1	
	14Z	SAME AS 1R			1	
-75	15B-P1	SAME AS 1Z-P3			1	
-75A	15B-P3	SAME AS 10B-P1			1	
-76	R/E-P3	• SAME AS R/D-P1			1	
-77	R/E-P5	SAME AS 1Z-P3			1	
-78	R/E-P7	SAME AS 1Z-P3			1	
-79	R/E-P9	SAME AS 1Z-P3			1	
-80	R/E-P11	SAME AS 1Z-P3			1	



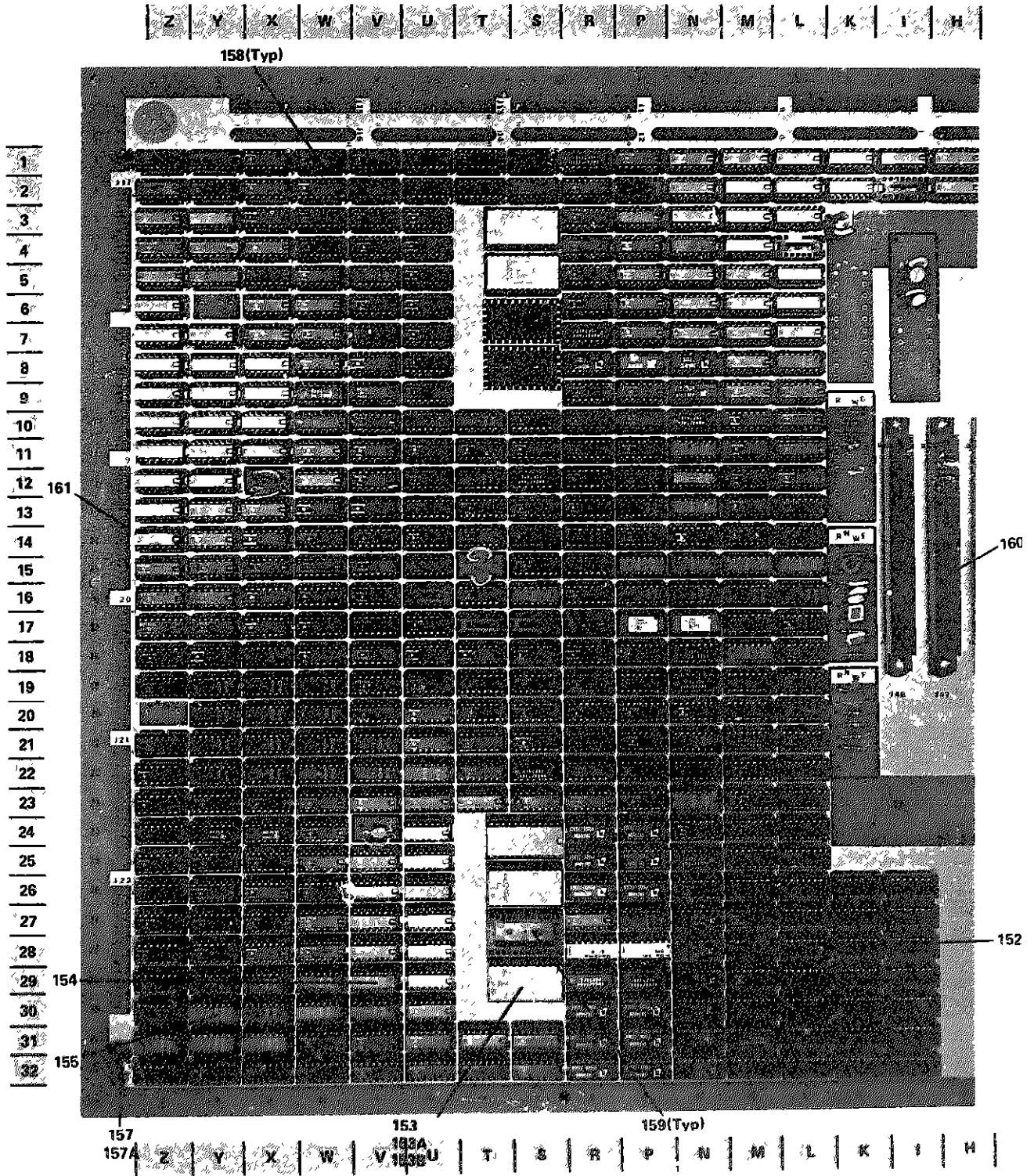


Figure 11. Min Wire Weib Board Assembly (A3)(Sh. 14-10)

## GROUP ASSEMBLY PARTS LIST

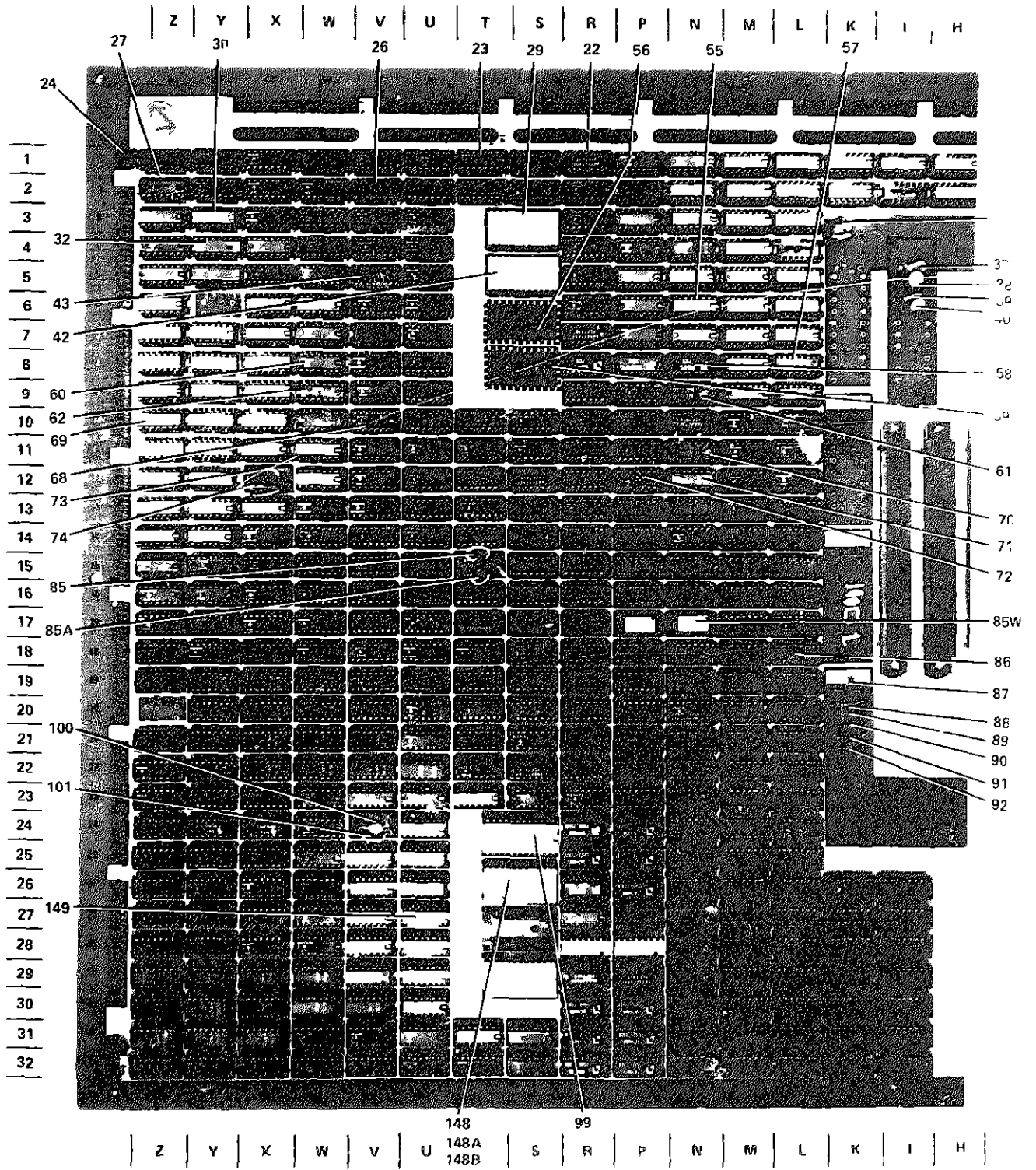
FIG. & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11						
-81	R/E-P13	• CAPACITOR, FIXED, CERAMIC, .02MF, 10%	CK06BX814K	71590	1	
-82	R/E-P15	• RESISTOR, FIXED, COMPOSITION, 33K CHMS, 5%, 1/4 W	RCR07G333JS	81349	1	
-83	R/E-P17	• SAME AS R/E-P13			1	
-84	R/E-P19	• SAME AS R/E-P15			1	
	15L	SAME AS 11N			1	
	15M	SAME AS 11N			1	
	15N	SAME AS 11N			1	
	15P	SAME AS 11N			1	
	15R	• SAME AS 12P			1	
	15S	SAME AS 11N			1	
-85	R/T-P1	SAME AS 1Z-P3			1	
-85A	R/T-P3	SAME AS R/X-P1			1	
	15U	• SAME AS 1E			1	
	15V	SAME AS 12P			1	
	15W	SAME AS 1E			1	
	15X	SAME AS 10Z			1	
	15Y	SAME AS 10Z			1	
	15Z	SAME AS 8W			1	
	16L	SAME AS 12N			1	
	16M	SAME AS 12N			1	
	16N	SAME AS 12N			1	
	16P	SAME AS 12N			1	
	16R	SAME AS 1T			1	
	16S	SAME AS 11N			1	
	16T	SAME AS 12P			1	
	16V	• SAME AS 1E			1	
	16W	SAME AS 1T			1	
	16X	• SAME AS 1T			1	
	16Y	SAME AS 1E			1	

GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11						
	16Z	SAME AS 1B			1	
	17A	• SAME AS 1C			1	
	17L	SAME AS 1E			1	
	17M	SAME AS 1B			1	
-85W	17N	• MICROCIRCUIT, DIGITAL, DUAL 128-BIT STATIC	TMS3114JC	01295	1	
	17P	SAME AS 17N			1	
	17U	SAME AS 1P			1	
	17V	• SAME AS 1B			1	
	17W	SAME AS 1D			1	
	17X	SAME AS 1D			1	
	17Y	SAME AS 1E			1	
	17Z	SAME AS 1B			1	
	18A	SAME AS 1B			1	
-86	18L	• MICROCIRCUIT, DIGITAL, DUAL RETRIG MONOSTABLE MVBR WITH CLEAR	SN74123N	01295	1	
	18M	SAME AS 11N			1	
	18N	SAME AS 9W			1	
	18P	• SAME AS 1D			1	
	18R	SAME AS 1R			1	
	18S	SAME AS 1C			1	
	18T	SAME AS 1R			1	
	18U	SAME AS 1R			1	
	18V	SAME AS 12P			1	
	18W	SAME AS 1D			1	
	18X	SAME AS 2V			1	
	18Y	• SAME AS 1R			1	
	18Z	SAME AS 2M			1	
	19A	SAME AS 11N			1	
	19L	• SAME AS 1D			1	
	19M	• SAME AS 10V			1	

## GROUP ASSEMBLY PARTS LIST

FIG. & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11	19N	• SAME AS 1R			1	
	19P	SAME AS 1D			1	
	19R	SAME AS 1E			1	
	19S	• SAME AS 1B			1	
	19T	• SAME AS 1B			1	
	19U	• SAME AS 1E			1	
	19V	• SAME AS 1B			1	
	19W	• SAME AS 12N			1	
	19X	SAME AS 12N			1	
	19Y	SAME AS 12N			1	
	19Z	SAME AS 2M			1	
-87	R/F-P1	• SAME AS 10B-P1			1	
-88	R/F-P3	SAME AS 10B-P1			1	
-89	R/F-P5	• SAME AS 6F-P7			1	
-90	R/F-P7	• RESISTOR, FIXED, COMPOSITION, 10K OHMS, 5%, 1/4 W	RCR07G103JS	81349	1	
-91	R/F-P9	• SAME AS 6F-P7			1	
-92	R/F-P11	• SAME AS R/F-P7			1	
-93	20B-P1	SAME AS 1Z-P3			1	
-93A	20B-P3	• SAME AS 10B-P1			1	
-94	20L	• MICROCIRCUIT, DIGITAL, HEX INVERTER	SN74L04N	01295	1	
	20M	SAME AS 10V				
	20N	• SAME AS 1F			1	
-95	20	MICROCIRCUIT, DIGITAL		295	1	
	20R	SAME AS 1B			1	
	20S	SAME AS 11N				
	20T	SAME AS 11N			1	
	20U	• SAME AS 1C			1	
	20V	SAME AS 1B			1	
	20W	SAME AS 12N			1	



TO 31S5-4-516-4

GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
L	20X	SAME AS 12N			1	
	20Y	SAME AS 12N			1	
	21L	SAME AS 1E			1	
	21M	SAME AS 1R			1	
-96	21N	MICROCIRCUIT, DIGITAL, QUAD, 2-INP POSITIVE-NOR CATE	SN7402N	01295	1	
	21P	SAME AS 12P			1	
	21R	SAME AS 1E			1	
	21S	SAME AS 1B			1	
	21T	SAME AS 10V			1	
	21U	SAME AS 1D			1	
	21V	SAME AS 5V			1	
	21W	SAME AS 5V			1	
	21X	SAME AS 5V			1	
	21Y	SAME AS 5V			1	
	21Z	SAME AS 1E			1	
	22A	SAME AS 1R			1	
	22L	SAME AS 1B			1	
	22M	SAME AS 1B			1	
	22N	SAME AS 1P			1	
	22P	SAME AS 1R			1	
	22R	SAME AS 12P			1	
	22S	SAME AS 1R			1	
	22T	SAME AS 1E			1	
	22U	SAME AS 2Z			1	
	22V	SAME AS 5V			1	
	22W	SAME AS 5V			1	
	22X	SAME AS 5V			1	
	22Y	SAME AS 5V			1	
	22Z	SAME AS 1D			1	
-97	23A	MICROCIRCUIT, DIGITAL	SN47LS253N	01295	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11						
	23L	SAME AS 1B			1	
	23M	• SAME AS 1B			1	
	23N	• SAME AS 2Z			1	
	23P	• SAME AS 1B			1	
	23R	SAME AS 1B			1	
	23S	• SAME AS 1B			1	
	23T	• SAME AS 1F				
	23U	SAME AS 1E			1	
	23V	SAME AS 1D			1	
	23W	SAME AS 1B			1	
	23X	SAME AS 1B			1	
	23Y	SAME AS 1B			1	
	23Z	SAME AS 1D			1	
	24A	SAME AS 23A			1	
	24L	SAME AS 1B			1	
	24M	SAME AS 1B			1	
	24N	SAME AS 1T			1	
-98	24P	MICROCIRCUIT, DIGITAL, 64-BIT RANDOM ACCESS MEMORY	33101	34335	1	
	24R	• SAME AS 24P			1	
-99	24S	MICROCIRCUIT, DIGITAL, 4-LINE TO 16-LINE DECODER/MULTIPLEXER	SN74154N	01295	1	
	24U	SAME AS 24S			1	
-100	R/V-P1	CAPACITOR, FIXED, CERAMIC, 12PF	DD120	71590	1	
-101	R/V-P3	SAME AS 6F-P1			1	
	24W	• SAME AS 1B			1	
	24X	SAME AS 3A			1	
	24Y	SAME AS 3A			1	
	24Z	SAME AS 1B			1	
	25A	SAME AS 23A			1	
-102	VER-P4	SEMICONDUCTOR DEVICE, DIODE	1N914	01295	1	

## GROUP ASSEMBLY PARTS LIST

FIG. & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11						
-103	VER-P6	• SAME AS VER-P4			1	
-104	VER-P8	• SAME AS VER-P4			1	
-105	VER-P10	• SAME AS VER-P4			1	
-106	VER-P12	• SAME AS VER-P4			1	
-107	VER-P14	• SAME AS VER-P4			1	
-108	VER-P16	• RESISTOR, FIXED, COMPOSITION, 4700 OHMS, 5%, 1/4 W	RCR07G472JS	81349	1	
-109	VER-P20	• SAME AS R/D-P1			1	
-110	VER-P22	• SAME AS VER-P16			1	
-111	VER-P24	• SAME AS R/A-P1			1	
-112	VER-P26	• SEMICONDUCTOR DEVICE, DIODE	1N2163A	06751	1	
-113	VER-P28	• SAME AS 1Z-P3			1	
-114	VER-P34	• SAME AS 1Z-P3			1	
-115	VER-P36	• SAME AS 1Z-P3			1	
-116	VER-P38	• SAME AS VER-P16			1	
-117	VER-P40	• SAME AS R/D-P1			1	
-118	VER-P42	• SAME AS R/D-P1			1	
-119	VER-P44	• RESISTOR, FIXED, COMPOSITION, 2200 OHMS, 5%, 1/4 W	RCR07G222JS	81349	1	
-120	VER-P46	• SAME AS R/D-P1			1	
-121	VER-P48	• SAME AS R/D-P1			1	
-122	VER-P50	• SAME AS 1Z-P3			1	
-123	VER-P52	• SAME AS 1Z-P3			1	
-124	VER-P54	• SAME AS R/F-P7			1	
-125	VER-P56	• SAME AS VER-P16			1	
-126	VER-P58	• SAME AS 1Z-P3			1	
-126A	V D/A	• MICROCIRCUIT, HYBRID	DAC371-8	33256	1	
-126B	H D/A	• SAME AS V D/A			1	
-127	HOR-P16	• RESISTOR, FIXED, COMPOSITION, 8200 OHMS, 5%, 1/4 W	RCR07G822JS	81349	1	
-128	HOR-P20	• SAME AS R/D-P1			1	
-129	HOR-P22	• SAME AS VER-P16			1	



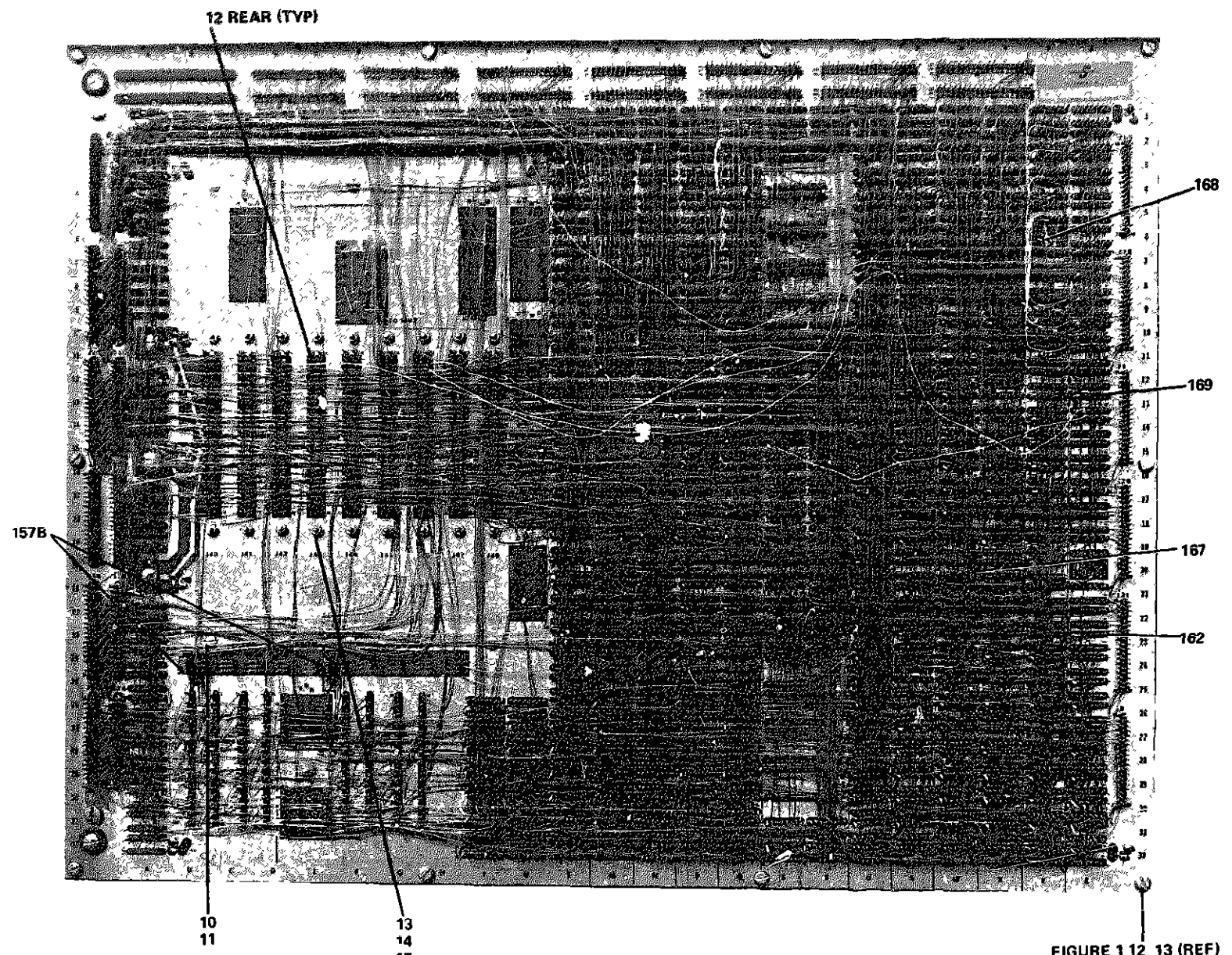


FIGURE 1-36 (REF)

Figure 11. Main Wire Wrap Board 1A3 (Sheet 6 Of 6)

FIGURE 1 12 13 (REF)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11						
-130	HQR-P24	• SAME AS R/A-P1			1	
-131	HQR-P26	SAME AS VFR-P26			1	
-132	HQR-P28	• SAME AS LZ-P3			1	
-133	HQR-P34	• SAME AS LZ-P3			1	
-134	HQR-P36	SAME AS LZ-P3			1	
-135	HQR-P38	SAME AS VER-P16			1	
-136	HQR-P40	SAME AS R/D-P1			1	
-137	HQR-P42	• SAME AS R/D-P1			1	
-138	HQR-P44	SAME AS VER-P44			1	
-139	HQR-P46	SAME AS R/D-P1			1	
-140	HQR-P48	• SAME AS R/D-P1			1	
-141	HQR-P50	SAME AS LZ-P3			1	
-142	HQR-P52	SAME AS LZ-P3			1	
-143	HQR-P54	SAME AS R/F-P7			1	
-144	HQR-P56	RESISTOR, FIXED, COMPOSITION, 6800 OHMS, 5%, 1/4 W	RCR07G682JS	81349	1	
-145	HQR-P58	• SAME AS LZ-P3			1	
	25L	SAME AS 1B			1	
	25M	SAME AS 1B			1	
	25N	• SAME AS 1R			1	
	25P	• SAME AS 24P			1	
	25R	SAME AS 24P			1	
	25U	SAME AS 8L			1	
	25V	SAME AS 1D			1	
	25W	SAME AS 1B			1	
	25X	SAME AS 1B			1	
	25Y	SAME AS 1B			1	
	25Z	SAME AS 1D			1	
	26A	SAME AS 23A			1	
-146	26E	MICROCIRCUIT, DIGITAL, QUAD BUS BUFFER GATE WITH TRISTATE OUTPUTS	SN74125N	01295	1	

GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11						
-147	26K	• MICROCIRCUIT, DIGITAL, 4-BIT D-TYPE REGISTER, TRISTATE OUTPUTS	SN74173N	01295	1	
	26L	• SAME AS 1B			1	
	26M	• SAME AS 1R			1	
	26N	• SAME AS 6N			1	
	26P	• SAME AS 24P			1	
	26R	• SAME AS 24P			1	
-148	26S	MICROCIRCUIT, DIGITAL, PROGRAMMED READ-ONLY MEMORY	SRECO-UNKN-OCRB-11L	54687	1	B
	26S ALT	MICROCIRCUIT, DIGITAL, PROGRAMMED READ-ONLY MEMORY	SRECO-UNKN-OCRA-11L	54687	OPT	A
	26S ALT	• MICROCIRCUIT, DIGITAL, PROGRAMMED READ-ONLY MEMORY	SRECO-UNKN-D AL-11LL	54687	OPT	AB
	26U	SAME AS 5L				
	26V	SAME AS 26V				
	26W	SAME AS 5L			1	
		SAME AS 1D			1	
					1	
		SAME AS 5L			1	
		SAME AS 1A			1	
		• SAME AS 26I			1	
		• SAME AS 26I			1	
	27L	• SAME AS 26I			1	
	27M	SAME AS 1R				
	27N	SAME AS 4N				
		SAME AS 1R				
	27P	SAME AS 1R			1	
1621		MICROCIRCUIT, LOAD 8-BIT SHIFT R		01295	1	
		SAME AS 1D			1	
	27Q	SAME AS 27L			1	
	27R	• SAME AS 27L			1	
		SAME AS 27L			1	

GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11	27Z	• SAME AS 27U			1	
	28A	• SAME AS 1A			1	
	28I	• SAME AS 26I			1	
	28K	• SAME AS 26I			1	
	28L	SAME AS 26I			1	
	28M	SAME AS 1R			1	
	28N	SAME AS 4N			1	
-150	28P	• RESISTOR, NETWORK	898-1R2-2K	73138	1	
	28R	• SAME AS 28P			1	
	28U	SAME AS 27U			1	
	28V	• SAME AS 1D			1	
	28W	SAME AS 27U			1	
	28X	SAME AS 1D			1	
	28Y	SAME AS 27U			1	
	28Z	SAME AS 1D			1	
-151	29A	• MICROCIRCUIT, LINEAR, GENERAL PURPOSE OPERATIONAL AMP	51727-1	01295		
	29L	SAME AS 25I				
	29K	SAME AS 6N			1	
	29L	MICROCIRCUIT, DIGITAL, 4-BIT TRN/F/COMPLEMENT, ZERO/ONE-FLIP	7417A	01295	1	
	29M	SAME AS 1E			1	
	29N	SAME AS 4N			1	
	29P	SAME AS 1R			1	
	29R	SAME AS 1R			1	
-153	29S	MICROCIRCUIT, DIGITAL, PROGRAMMED READ-ONLY MEMORY	SRECO-UNKN-OCR81R	54687	1	B
	29S ALT	• MICROCIRCUIT, DIGITAL, PROGRAMMED READ-ONLY MEMORY	SRECO-UNKN-OCRA1R	54687	OPT	A
	29S ALT	MICROCIRCUIT, DIGITAL, PROGRAMMED READ-ONLY MEMORY	SRECO-UNKN-DUAL-1RR	54687	OPT	
	29U	SAME AS 27U			1	
-154	29V	MICROCIRCUIT, DIGITAL, TRIPLE 3-INPUT POSITIVE-NAND GATE	SN74H10N	01295	1	

GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
11						
	29W	• SAME AS 29V			1	
	29X	• SAME AS 29V			1	
	29Y	SAME AS 29V			1	
	29Z	• SAME AS 1D			1	
	30A	SAME AS 29A			1	
	30I	• SAME AS 29L			1	
	30K	SAME AS 6N			1	
	30L	SAME AS 29L			1	
	30M	SAME AS 1B			1	
	30N	SAME AS 4N			1	
	30P	SAME AS 24P			1	
	30R	SAME AS 24P			1	
	30U	SAME AS 27U			1	
	30V	SAME AS 29V			1	
	30W	SAME AS 29V			1	
	30X	SAME AS 29V			1	
-155	30Y	• MICROCIRCUIT, DIGITAL, TRIPLE 3-INPUT POSITIVE-AND GATE	SN74H11N	01295	1	
	30Z	• SAME AS 29V			1	
	31A	• SAME AS 29A			1	
	31I	SAME AS 29L			1	
	31K	SAME AS 26K			1	
	31L	• SAME AS 26K			1	
	31M	SAME AS 1R			1	
	31N	• SAME AS 4N			1	
	31P	• SAME AS 24P			1	
	31R	• SAME AS 24P			1	
	31S	SAME AS 1C			1	
	31T	• SAME AS 27U			1	
	31U	• SAME AS 1C			1	
	31V	• SAME AS 1D			1	

## GROUP ASSEMBLY PARTS LIST

FIG INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
	B1W	SAME AS 27U			1	
	B1X	SAME AS 30Y			1	
	B1Y	SAME AS 30Y			1	
	B1Z	SAME AS 30Y			1	
	B2A	SAME AS 29A			1	
-156	B2D-P1	SAME AS 1Z-P3			1	
-156A	B2D-P3	SAME AS 1Z-P1			1	
	B2I	SAME AS 6N			1	
	B2K	SAME AS 6N			1	
	B2L	SAME AS 1B			1	
	B2M	SAME AS 1B			1	
	B2N	SAME AS 4N				
	B2P	SAME AS 24P			1	
	B2R	SAME AS 24P			1	
	B2S	SAME AS 1D			1	
	B2T	SAME AS 27U			1	
	B2U	SAME AS 27U			1	
	B2V	SAME AS 27U			1	
	B2W	SAME AS 27U			1	
	B2X	SAME AS 27U			1	
	B2Y	SAME AS 27U			1	
	B2Z	SAME AS 1D			1	
-157	B2Z-P1	SAME AS 1Z-P3			1	
-157A	B2Z-P3	SAME AS 1Z-P1			1	
-157B		RESISTOR, VARIABLE	3282W1-103	80294	2	
-158		SOCKET, PLUG-IN ELECTRONIC COMPONENT, 16-PIN	C811600	01295	443	
-159		SOCKET, PLUG-IN ELECTRONIC COMPONENT, 24-PIN	C812400	01295	8	
-160		KEY, POLARIZING	R007901	01295	6	
-161		PIN, CONTACT, ELECTRICAL, BRASS, GOLD PLATED	Z501162	8	256	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS USABLE PER ASSY ON CODE
11					
-162		PA WFEET-THRU, LECT-1 AL, BRASS, GOLD PLATED	2901502	0204	1948
-163		BRACKET, ELECTRICAL COVER (ATTACHED PARTS)	10223	54887	1
-164		SCREW, MACHINE	MS51597-45	96506	1
-165		SPACER, SLEEVE HEX	97580232	06540	1
-166		NUT, HEX, NYLON -----	292A	80330	1
-167		WIRE ELECTRICAL, SOLDER SOLDERED 20 AWG	E 120-261	019449	1 LF
-168		INSULATION SLEEVING ELECTRICAL, 22 AWG RED	E105-22RED	71002	4
-169		INSULATIC SLEEVING ELECTRICAL 22 AWG, WHT	E105-22WHT	71002	216
-170		PRINTED WIRING BOARD	112175	54687	1

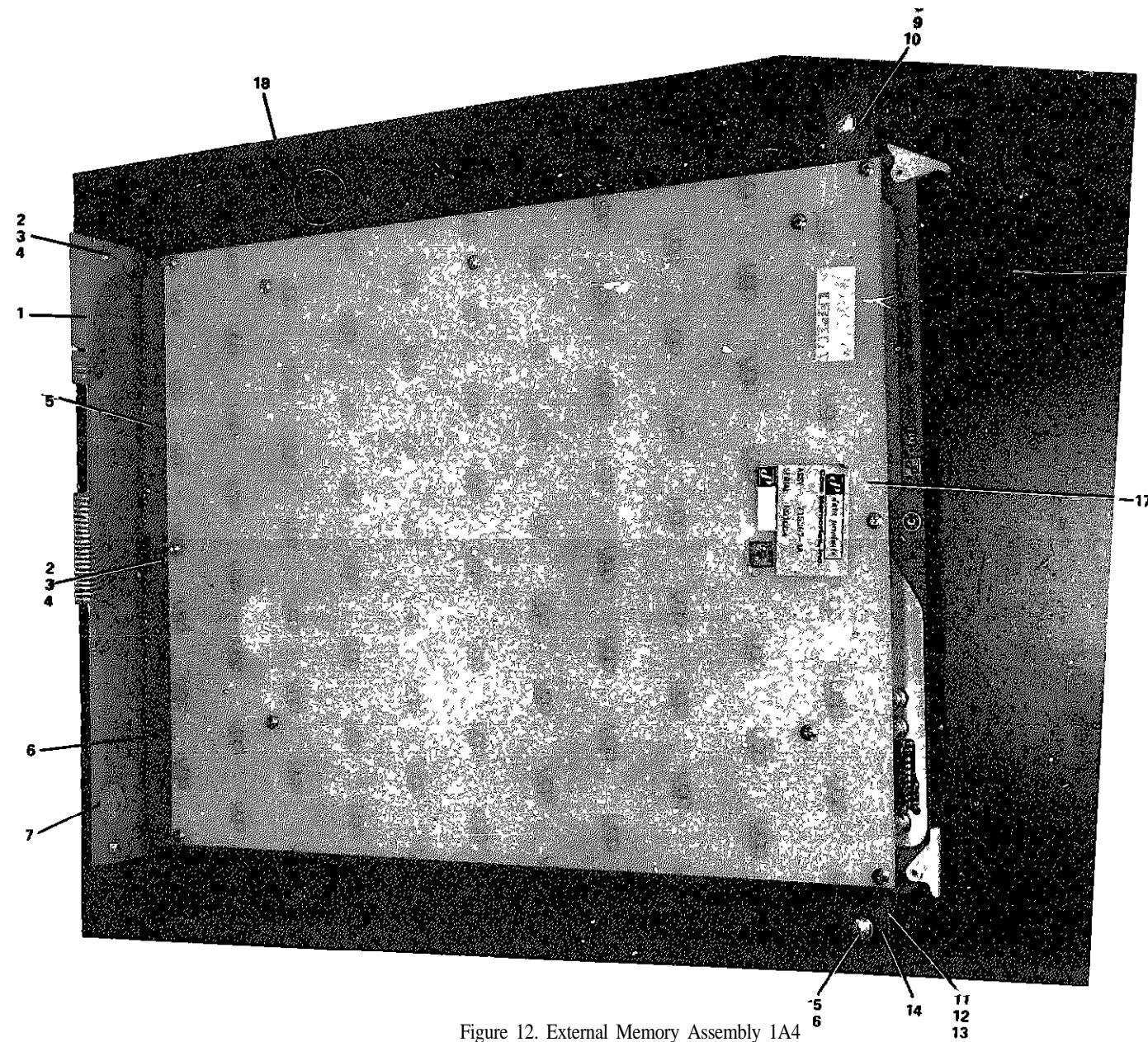


Figure 12. External Memory Assembly 1A4

2-100



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
12	1A4	EXTERNAL MEMORY ASSEMBLY (SEE FIGURE 1-14 FOR N/A)	102374	54687	REF	
-1	1A4A1	• CIRCUIT CARD ASSEMBLY, MEMORY INTERFACE (ATTACHING PARTS)	102370	54687	1	
-2		• SCREW, MACHINE	MS35233-13	96906	2	
-3		• WASHER, FLAT	MS27183-3	96906	2	
-4		• WASHER, LOCK -----*	MS35338-135	96906	2	
-5	J372	• • CONNECTOR, RECEPTACLE, ELECTRICAL	2HW4000-111	81312	1	
-6	J373	• SAME AS J372 (ATTACHING PARTS)			1	
-6A		• SCREW, MACHINE	MS35233-13	96906	4	
-6B		• WASHER, FLAT	MS27183-3	96906	4	
-6C		• WASHER, LOCK -----*	MS35338-135	96906	4	
-7		• PRINTED WIRING BOARD	102368	54687	1	
-8	1A4A2	BRACKET ASSEMBLY, SUPPORT (ATTACHING PARTS)	102969	54687	1	
-9		• SCREW, MACHINE	MS24693-270	96906	2	
-10		• NUT, CLINCH -----*	MS35649-262	96906	2	
-11		• BRACKET, ANGLE	102967	54687	1	
-12		• INSULATOR, RUBBER, .06-INCH THK	102929-3	54687	AR	
-13		• BONDING COMPOUND	102969-4	54687	AR	
-14		• FASTENER, PHENCLIC (TURN-LOCK TYPE) (ATTACHING PARTS)	102968	54687	2	
-15		• SCREW, MACHINE	MS35223-45	96906	2	
-16		• WASHER, FLAT -----*	MS27183-7	96906	4	
-17	1A4A3	CORE MEMORY ASSEMBLY (PROGRAMMED MEMORY)	7153971A	28584	1	

GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE IN CODE
17 -18		<ul style="list-style-type: none"> <li>PANEL, PLANK, FRONT COVER FOR HING- ASSEMBLIES AND APP. SEE FIG 2-CL.</li> </ul>	102372	-2		

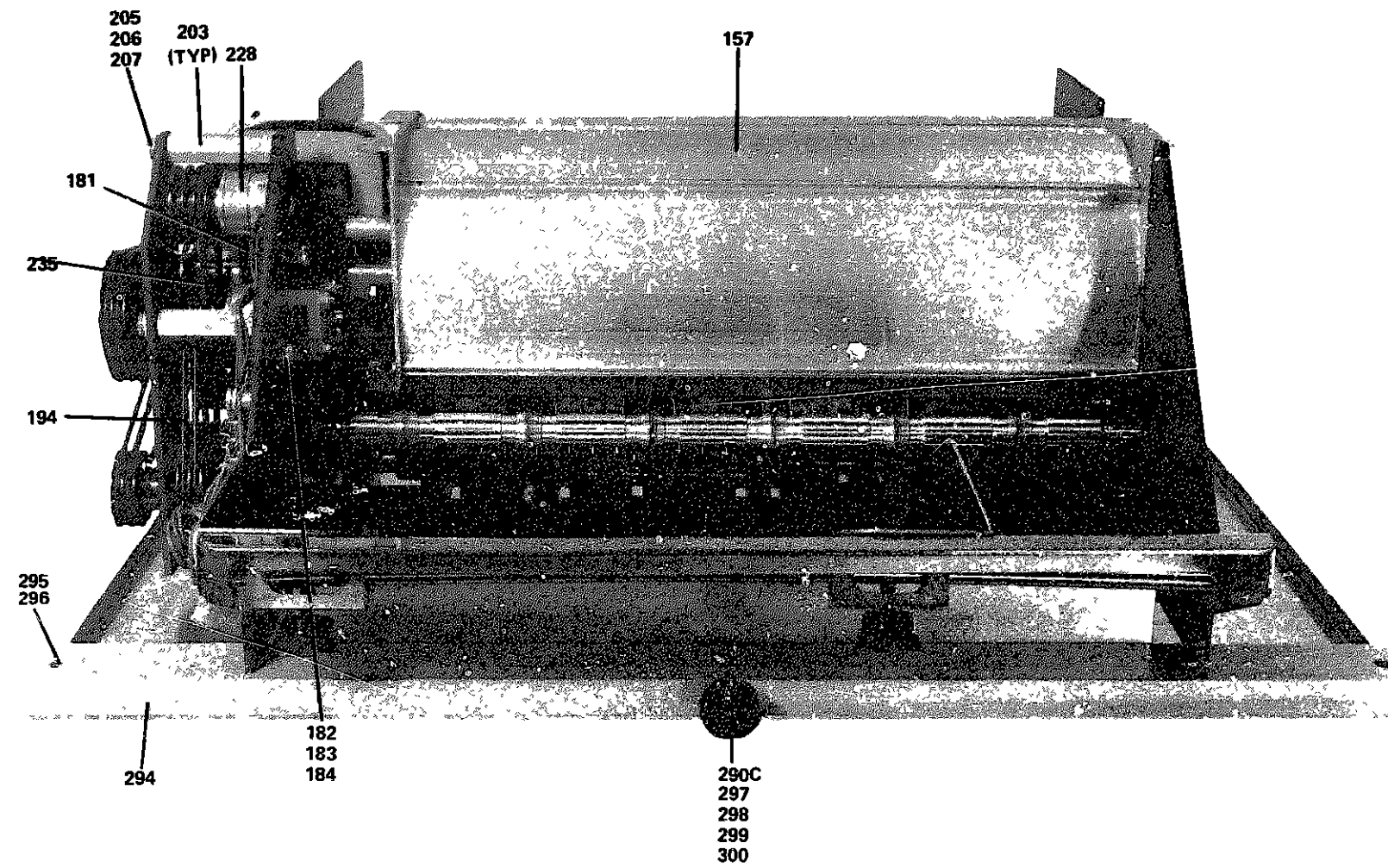


Figure 13. Page Feeder Front Cover Off 1A5 (Sheet 1 of 11)

## GROUP ASSEMBLY PARTS LIST

FIG. & INDEX NO.	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
13	1A5	PAGE FEEDER ASSEMBLY (SEE FIGURE 1-15 FOR MHA1)	101899-2	54687	REF	
-1		. KNOB, SECURING ROD, KNULED	DK43	01599	2	
-2		. SHAFT, SLIDE ADJUSTING	101631	54687	1	
-3		. PLATE, ALIGNMENT (ATTACHING PARTS)	101894	54687	1	
-4		. SCREW, MACHINE -----*	MS24693-46	96906	4	
-5		DELETED				
-6		SLIDE, SUBASSY RH	101898	54687	1	
-7		DELETED				
-8		. LABEL, LOCATION	102056	54687	1	
-9		. RING, RETAINING, .250 DIA	5133-25	79136	1	
-10		. CLAMP, CABLE (ATTACHING PARTS)	MS17822-1A	96906	2	
-11		. SCREW, MACHINE	MS51959-43	95906	2	
-12		. WASHER, FLAT -----*	MS27183-7	96906	2	
-13		. MAIN ASSEMBLY	102288	54687	1	
-14		DELETED				
-15		DELETED				
-16		DELETED				
-17		DELETED				
-18		DELETED				
-19		. . CLAMP, CABLE	HPC12	95987	3	
-20		. . CLAMP, CABLE	HPC25	95987	2	
-21		. CLAMP, CABLE (ATTACHING PARTS)	HP4N	07597	2	
-22		. . SCREW, MACHINE	MS35221-21	96906	2	
-23		. . WASHER, FLAT	MS27183-5	96906	2	
-24		. . WASHER, LOCK -----*	MS35338-136	96906	2	

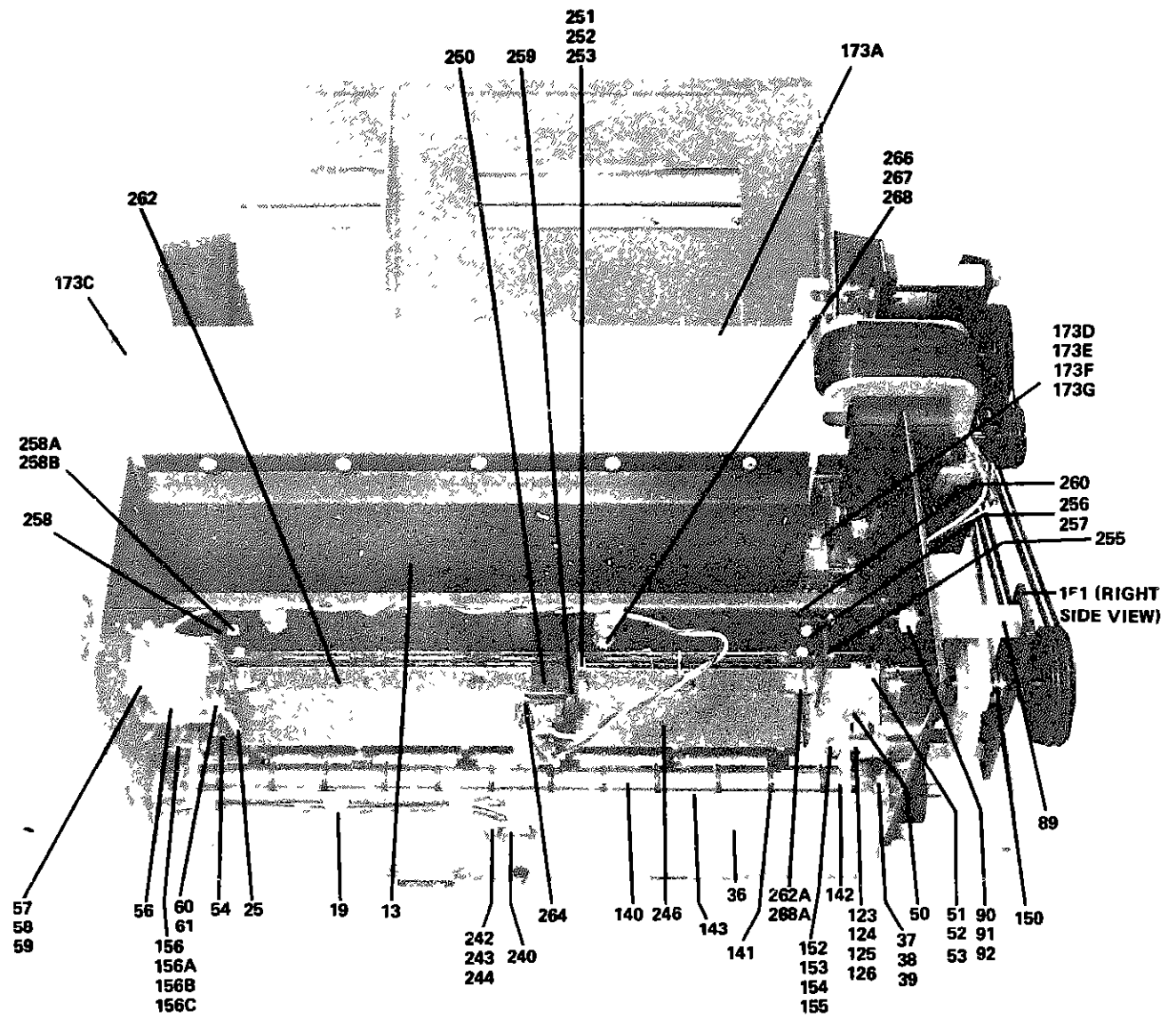


Figure 13. Paper Feeder Rear Cover Off 1A5 (Sheet 2 of 11)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
-25		• SPRING, EXTENSIVE	LF016A0MW	64850	1	
-26		• GEAR, SPUR, DELRIN	RL2662	14519	2	
-27		• DRIVE BELT, RUBBER	10V70-58-129	73277	2	
-28		• DRIVE BELT, RUBBER	10V70-58-140	73277	2	
-29		• DRIVE BELT, RUBBER	10V70-58-143	73277	2	
-30		• DRIVE BELT, RUBBER	10V70-58-161	73277	2	
-31		DELETED				
-32		ROLLER, MATERIAL HANDLING (ATTACHING PARTS)	101507	54687	1	
-33		• WASHER, FLAT, NYLON .001 THK X .281 I.D.	9M66-1603B	14519	2	
-34		• RING, RETAINING, .250 DIA -----	5133-25	75136	2	
-35		• PUMP, WIRE	101539	54687	1	
-36		• PLATE, PAPE (ATTACHING PARTS)	101582	54687	1	
-37		SCREW, MACHINE	MS35233-13	96906	4	
-38		WASHER, FLAT	MS27183-3	96906	4	
-39		• WASHER, LOCK -----	MS35338-175	96906	4	
-40		• PLATE, SUPPORT, AIRLIDE (ATTACHING PARTS)	102054	54687	1	
-41		• SCREW, MACHINE	MS35233-45	96906	2	
-42		• WASHER, FLAT	MS27183-7	96906	2	
-43		• WASHER, LOCK -----	MS35338-137	96906	2	
-44		PULLEY, GROOVED	102096	54687	4	
-45		PULLEY, GROOVED	102186-1	54687	3	
-46		• PULLEY, GROOVED	102186-2	54687	5	
-47		SHAFT, IDLER-DRIVE (ATTACHING PARTS)	102283	54687	1	
		• RING, RETAINING, .250 DIA	5133-25	75136	2	

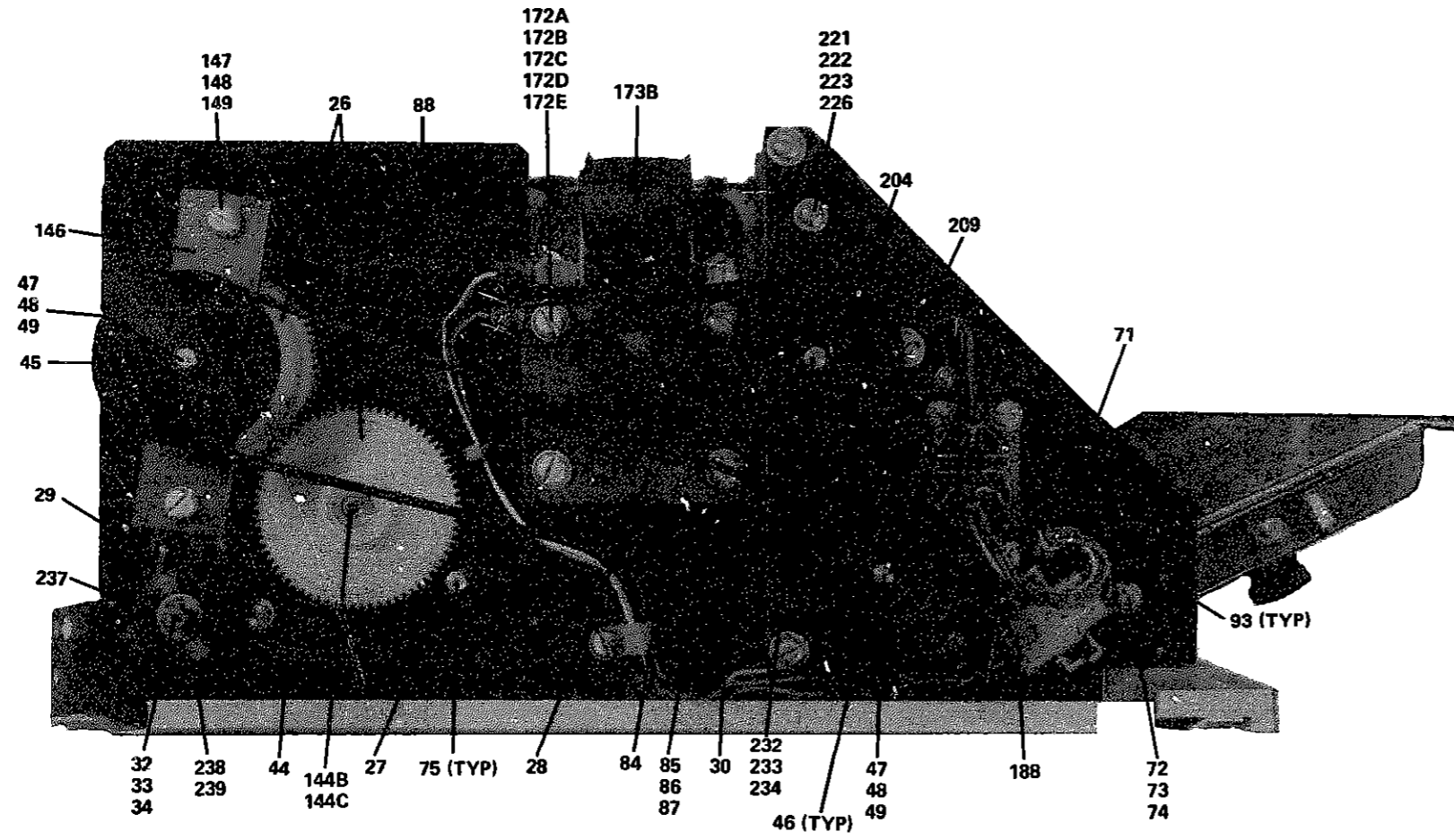


Figure 13. Page Feeder Left Side 1A5 (Sheet 3 of 11)

## GROUP ASSEMBLY PARTS LIST

FIG. & INDEX NO.	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
13						
-49		• • WASHER, FLAT, NYLON, .031 THK X .281 I.D. ---*---	9M66-16038	14519	2	
-50		• • SUPPORT, ALIGNMENT (ATTACHING PARTS)	102287	54687	1	
-51		• • SCREW, MACHINE	MS35233-13	96906	2	
-52		• • WASHER, FLAT	MS27183-3	96906	2	
-53		• • WASHER, LOCK ---*---	MS35338-135	96906	2	
-54		• • SPRING, EXTENSION	102583	54687	1	
-55		• BELT, RUBBER	102727	54687	6	
-56		• • SOLENOID, ELECTRICAL (ATTACHING PARTS)	28CONT12DC	73949	1	
-57		• SCREW, MACHINE	MS35221-21	96906	2	
-58		• • WASHER, FLAT	MS27183-5	96906	2	
-59		• • WASHER, LOCK ---*---	MS35338-136	96906	2	
-60		• • TERMINAL, LUG (ATTACHING PARTS)	505-6-018	77963	1	
-61		• • SCREW, MACHINE ---*---	MS35221-24	96906	1	
-62		DELETED				
-63		DELETED				
-64		DELETED				
-65		DELETED				
-66		DELETED				
-67		• PLATFORM ASSEMBLY, MOUNTING	102284	54687	1	
-68		• • • SPACER, SLEEVE, HEX, MALE-FEMALE	9754SS0832	06540	4	
-69		• • • SPACER, SLEEVE, HEX, MALE-FEMALE	102434	54687	2	
-70		• • • NUT, WELD	WNS832	46384	6	



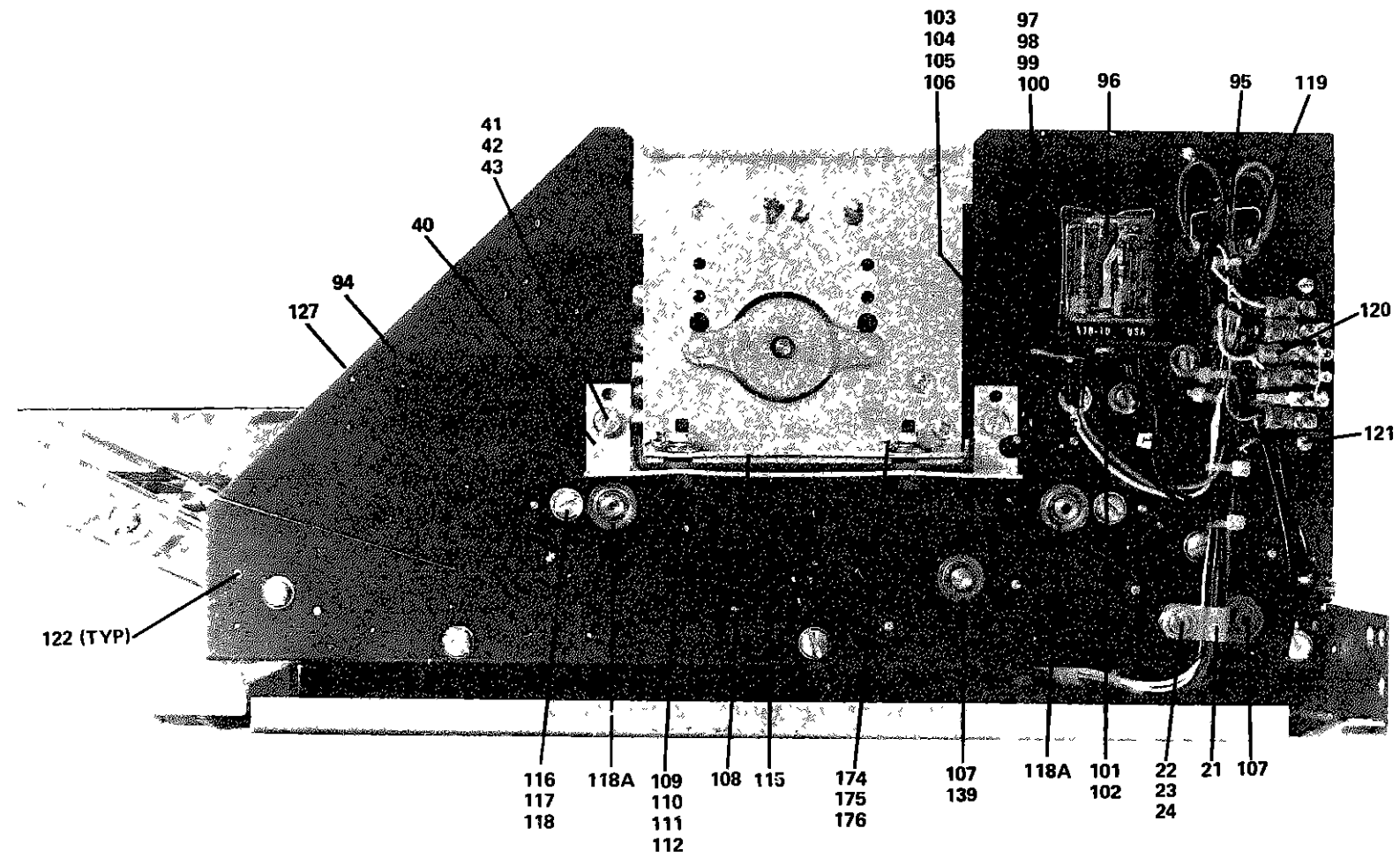


Figure 13. Page Feeder Right Side 1A5 (Sheet 4 of 11)

2 - 1 1 0

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO.	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
13						
-71	. .	PLATE, SUBASSY, BACK GEAR (ATTACHING PARTS)	102279	54687	1	
-72	. .	SCREW, MACHINE	MS51957-43	96906	4	
-73	. .	WASHER, FLAT	MS27183-7	96906	4	
-74	. .	WASHER, LOCK ----*----	MS35338-137	96906	4	
-75	. . .	BEARING, BALL, ANNULAR	SFR1883PPEE	83086	5	
-76	. . .	GUIDE, PAPER, LH (ATTACHING PARTS)	101557	54687	1	
-77	. . .	SCREW, MACHINE	MS35233-28	96906	2	
-78	. . .	WASHER, FLAT	MS27183-5	96906	2	
-79	. . .	WASHER, LOCK ----*----	MS35338-136	96906	2	
-80	. . .	SUPPORT BLOCK, BLOWER (ATTACHING PARTS)	102269	54687	1	
-81	. . .	SCREW, MACHINE	MS35222-63	96906	6	
-82	. . .	WASHER, FLAT	MS27183-42	96906	6	
-83	. .	WASHER, LOCK ----*----	MS35338-138	96906	6	
-84	. . .	PLATE, MOUNTING, BLOWER (ATTACHING PARTS)	102270	54687	1	
-85	. .	SCREW, MACHINE	MS35222-63	96906	2	
-86	. . .	WASHER, FLAT	MS27183-42	96906	2	
-87	. . .	WASHER, LOCK ----*----	MS35338-138	96906	2	
-88	. . .	PLATE, BACK GEAR	102278	54687	1	
-89	. . .	SPACER, SLEEVE, +FX (ATTACHING PARTS)	8764SS1032	06540	2	
-90	. . .	SCREW, MACHINE	MS35222-63	96906	2	
-91	. . .	WASHER, FLAT	MS27183-42	96906	2	

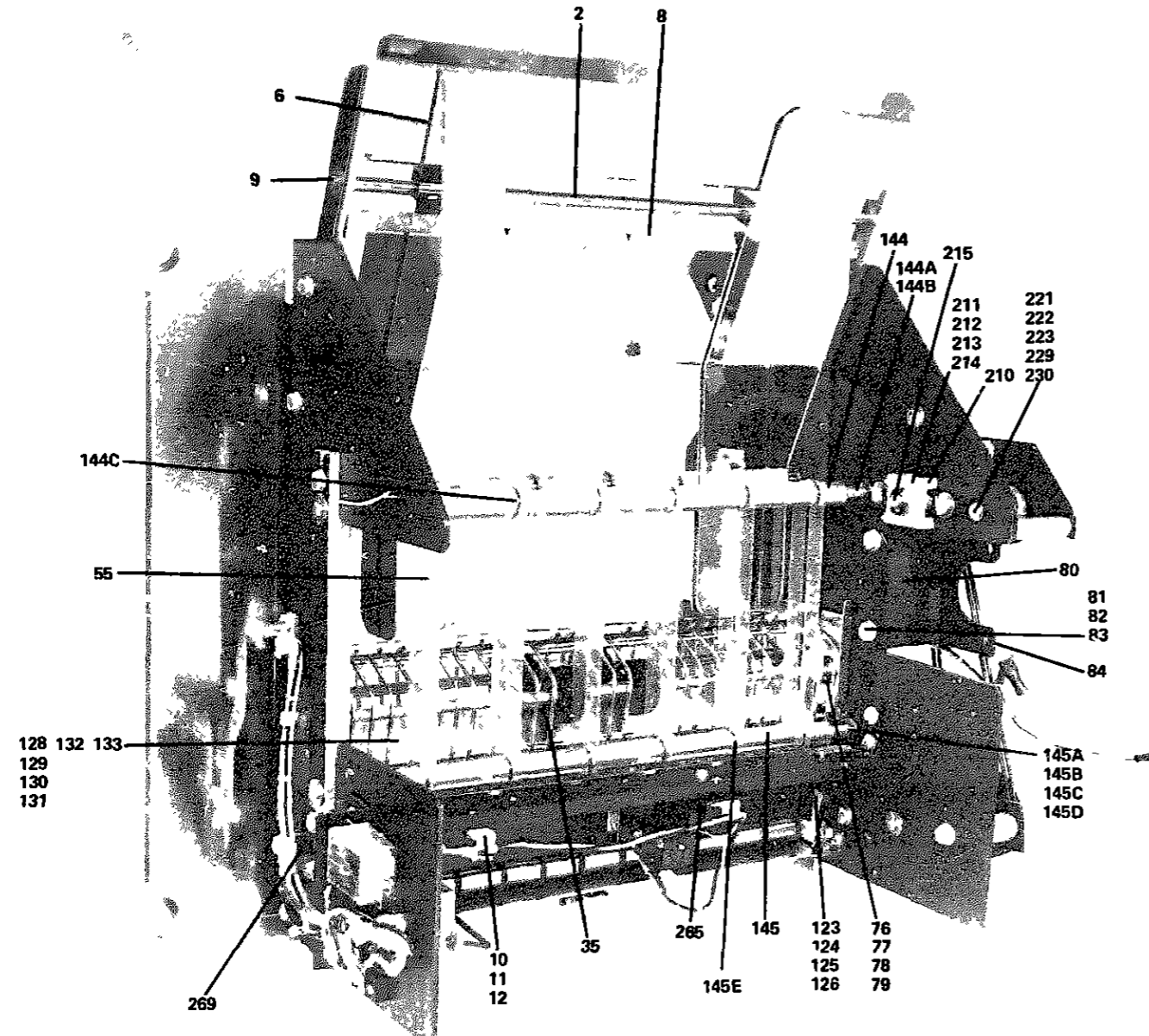


FIGURE 13. PAGE FEEDER VACUUM ASSEMBLY REMOVED 1A5 (SHEET 5 OF 11)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USAI ON COI
13						
-92		. . . WASHER, LOCK -----*	MS35338-138	96906	2	
-93		. . . PIN, DOWEL, .12 DIA X 1/4 LG	9X31-0408	14519	3	
-94		. . PLATE SUBASSY, GEAR, RH	102286	54687	1	
-95	CR3	. . . SEMICONDUCTOR DEVICE DIODE	1N914	01295	1	
-96	K1	. . . RELAY, DPDT, 5A, 12V	R10E1X2V185	77342	1	
-97		. . SOCKET, RELAY  (ATTACHING PARTS)	9XR10-1	77342	1	
-98		. . . SCREW, MACHINE	MS35233-14	96906	1	
-99		. . . WASHER, LOCK	MS35338-135	96906	1	
-100		. . . NUT, PLAIN, HEX -----*	MS35649-244	96906	1	
-101	C1	. . . CAPACITOR, FIXED, CERAMIC, .001MF, 1KVDC	5GAS10	56289	1	
-102		. . RESISTOR, FIXED, COMPOSITION, 100 OHMS, 5%, 1/4 LG	RCR07G101JS	81349	1	
-103		. . . BRACKET, ANGLE, RELAY  (ATTACHING PARTS)	102184	54687	1	
-104		. . . SCREW, MACHINE	MS35221-28	96906	2	
-105		. . . WASHER, FLAT	MS27186-5	96906	2	
-106		. . . WASHER, LOCK -----*	MS35338-136	96906	2	
-107		. . BEARING, BALL, ANNULAR	SFR1883PP	83086	2	
-108		. . SUPPORT, BLOWER  (ATTACHING PARTS)	101590	54687	1	
-109		. . . SCREW, CAP, SOCKET HEAD	MS16995-26	96906	2	
-110		. . . WASHER, FLAT	MS27183-7	96906	2	
-111		. . . WASHER, LOCK	MS35338-137	96906	2	
-112		. . . NUT, PLAIN, HEX -----*	MS35649-284	96906	2	
-113		. . GUIDE, PAPER, RH	101596	54687	1	

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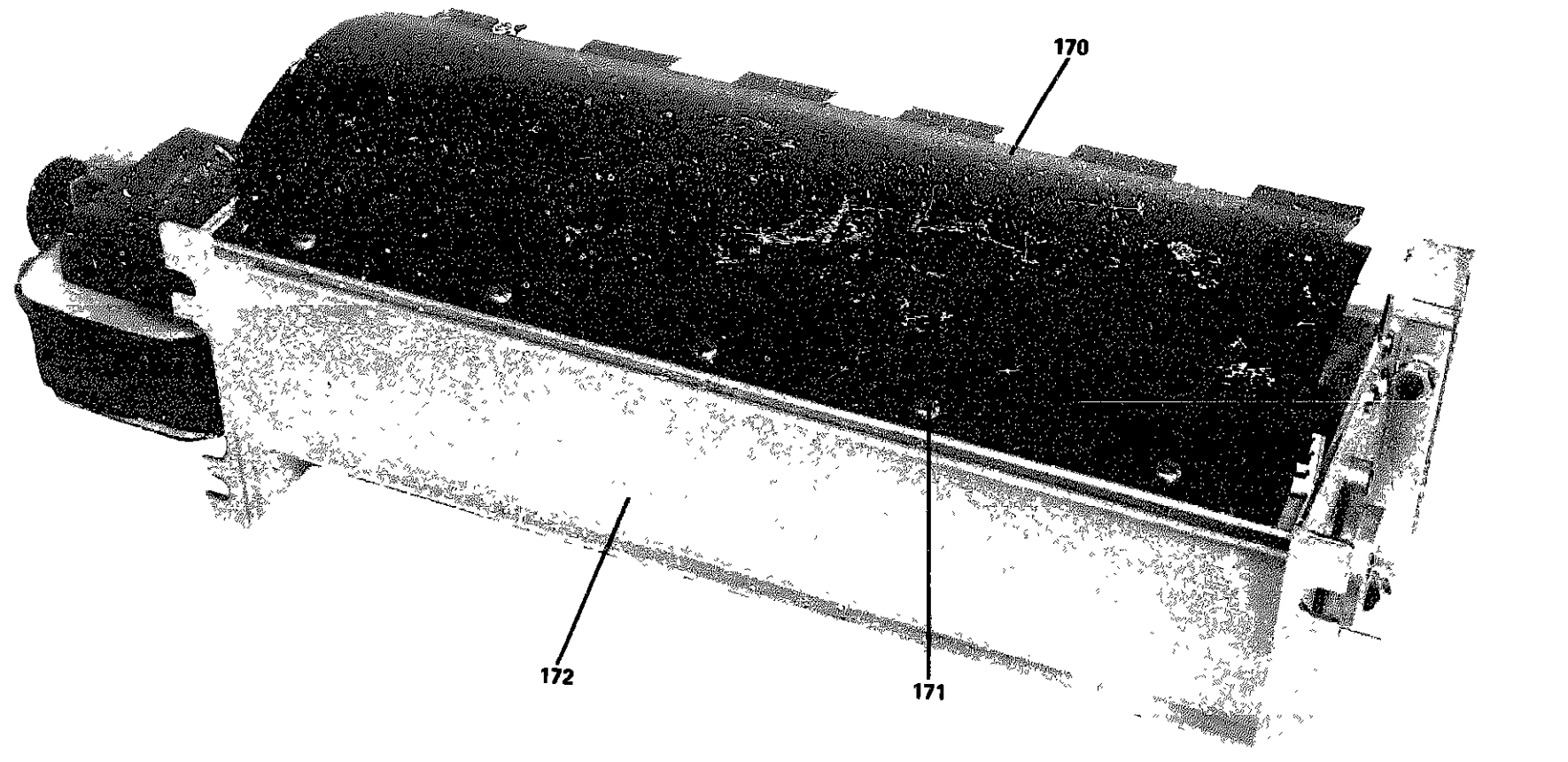


FIGURE 13. PAGE FEEDER VACUUM ASSEMBLY TOP 1A5 (SHEET 6 OF 11)

2 - 1 1 4

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
13		(ATTACHING PARTS)				
-113A	. . .	SCREW, MACHINE	MS35233-26	96906	2	
-113B	. . .	WASHER, FLAT	MS27183-5	96906	2	
-113C	. . .	WASHER, LOCK -----*	MS35338-136	96906	2	
-114		DELETED				
-115	. . .	SUPPORT SUBASSY	102179	54687	1	
		(ATTACHING PARTS)				
-116	. . .	SCREW, MACHINE	MS35221-41	96906	2	
-117	. . .	WASHER, FLAT	MS27183-7	96906	2	
-118	. . .	WASHER, LOCK -----*	MS35338-137	96906	2	
-118A	. . . .	BEARING, BALL	SFR1883PP	83086	2	
-119	. . .	INSULATOR, STANDOFF	570-1581-02-91-0	71279	2	
-120	. . .	TERMINAL BOARD	6171	71785	1	
		(ATTACHING PARTS)				
-121	. . .	SCREW, MACHINE -----*	MS51959-18	96906	2	
-122	. . .	PIN, DOWEL, .12 DIA X 1/4 LG	9X31-0408	14519	7	
-123	. . .	SPACER, SLEEVE, HEX	9754SS0832	06540	1	
		(ATTACHING PARTS)				
-124	. . .	SCREW, MACHINE	MS35221-41	96906	1	
-125	. . .	WASHER, FLAT	MS27183-7	96906	1	
-126	. . .	WASHER, LOCK -----*	MS35338-137	96906	1	
-127	. . .	PLATE, GEAR, RH	102285	54687	1	
-128	. . .	DEFLECTOR, RAMP	101927	54687	1	
		(ATTACHING PARTS)				
-129	. . .	SCREW, MACHINE	MS35221-21	96906	1	
-130	. . .	WASHER, FLAT	MS27183-5	96906	1	

T O 3 1 S 5 - 4 - 5 1 6 - 4

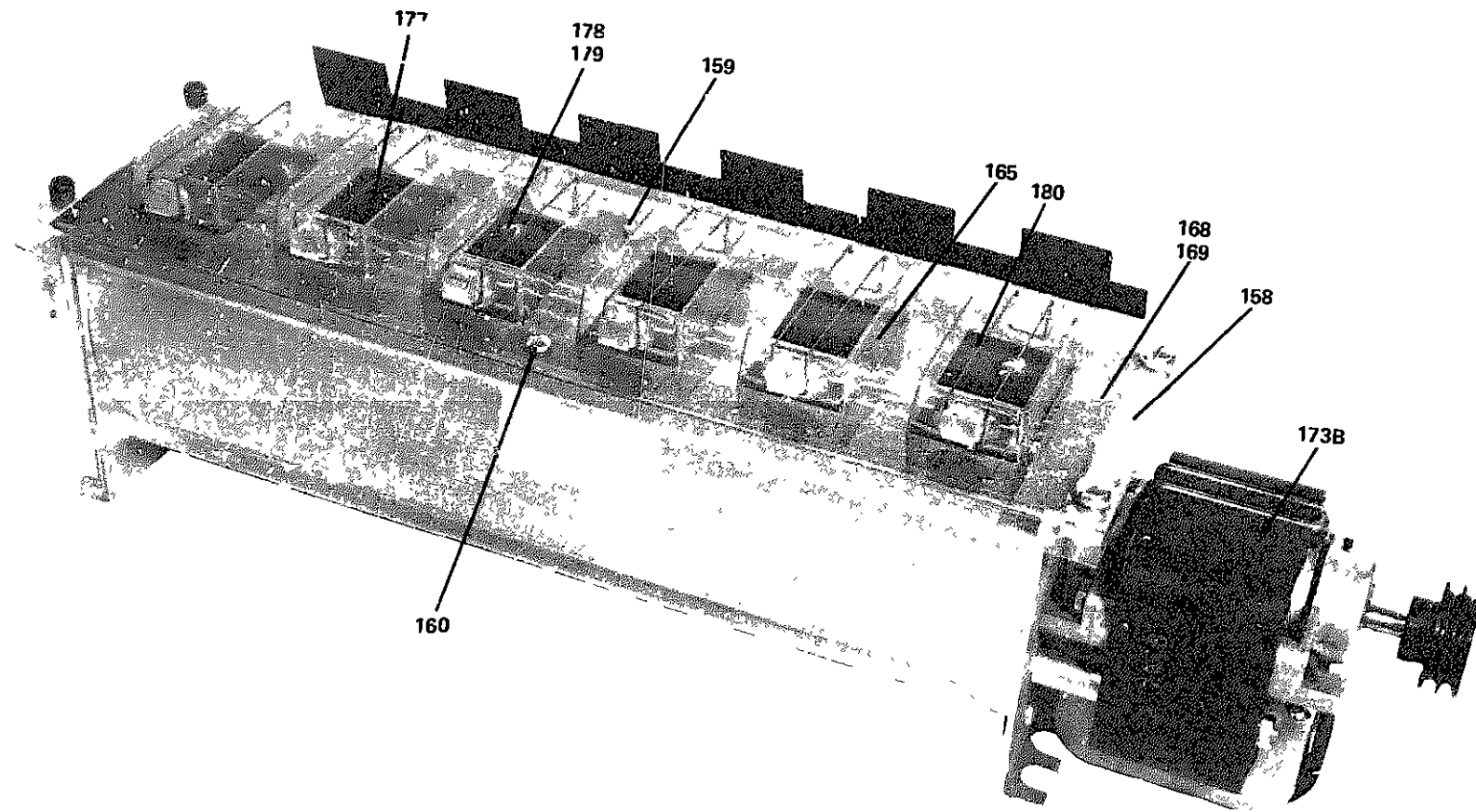


FIGURE 13. PAGE FEEDER VACUUM ASSEMBLY BOTTOM 1A5 (SHEET 7 OF 11)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO.	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
13						
-131		• • WASHER, LOCK -----*	MS35338-136	96906	1	
-132		• • RIVET, ROUND HEAD	MS20470DD2-12	96906	6	
-133		• INSERT, THREADED	6-32	19738	2	
-134		• SHAFT ASSEMBLY, ST PPER	102335	54687	1	
-135		• • • PULLEY, GROOVE (ATTACHING PARTS)	102186-7	54687	2	
-136		• • • SCREW, MACHINE -----*	MS18064-11	96906	2	
-137		• • • RING, RUBBER (KICKER)	A5538-117	73277	4	
-138		• • • PIN, SPRING	1-8X3-8MCK	00287	12	
-139		• • SHAFT, STRIPPER	102334	54687	1	
-140		• • ROLLER ASSEMBLY, PAPER IDLER	102043	54687	1	
-141		• RING, RUBBER	Z111	07060	12	
-142		• • WASHER, FLAT, NYLON, .031 THK X .281 I.D.	9M66-1603B	14519	2	
-143		• • • ROLLER, PAPER IDLER	101925	54687	1	
-144		• • SUPPORT SUBASSY, BELT, RH (ATTACHING PARTS)	102826-1	54687	1	
-144A		• • RING, RETAINING, .250 DIA -----*	5133-25	79136	2	
-144B		• • • SHAFT, BELT	102041-1	54687	1	
-144C		• RING, RUBBER	Z-012	87373	6	
-145		• • SUPPORT SUBASSY, BELT, LH (ATTACHING PARTS)	102826-2	54687	1	
-145A		• • RING, RETAINING, .250 DIA	5133-25	79136	1	
-145B		• WASHER, FLAT, NYLON	9M66-16038	14519	1	
-145C		• RING, RETAINING, .250 DIA -----*	5555-25	79136	1	
-145D		• • • SHAFT, BELT	102041-2	54687	1	
-145E		• • RING, RUBBER	2-012	87373	6	



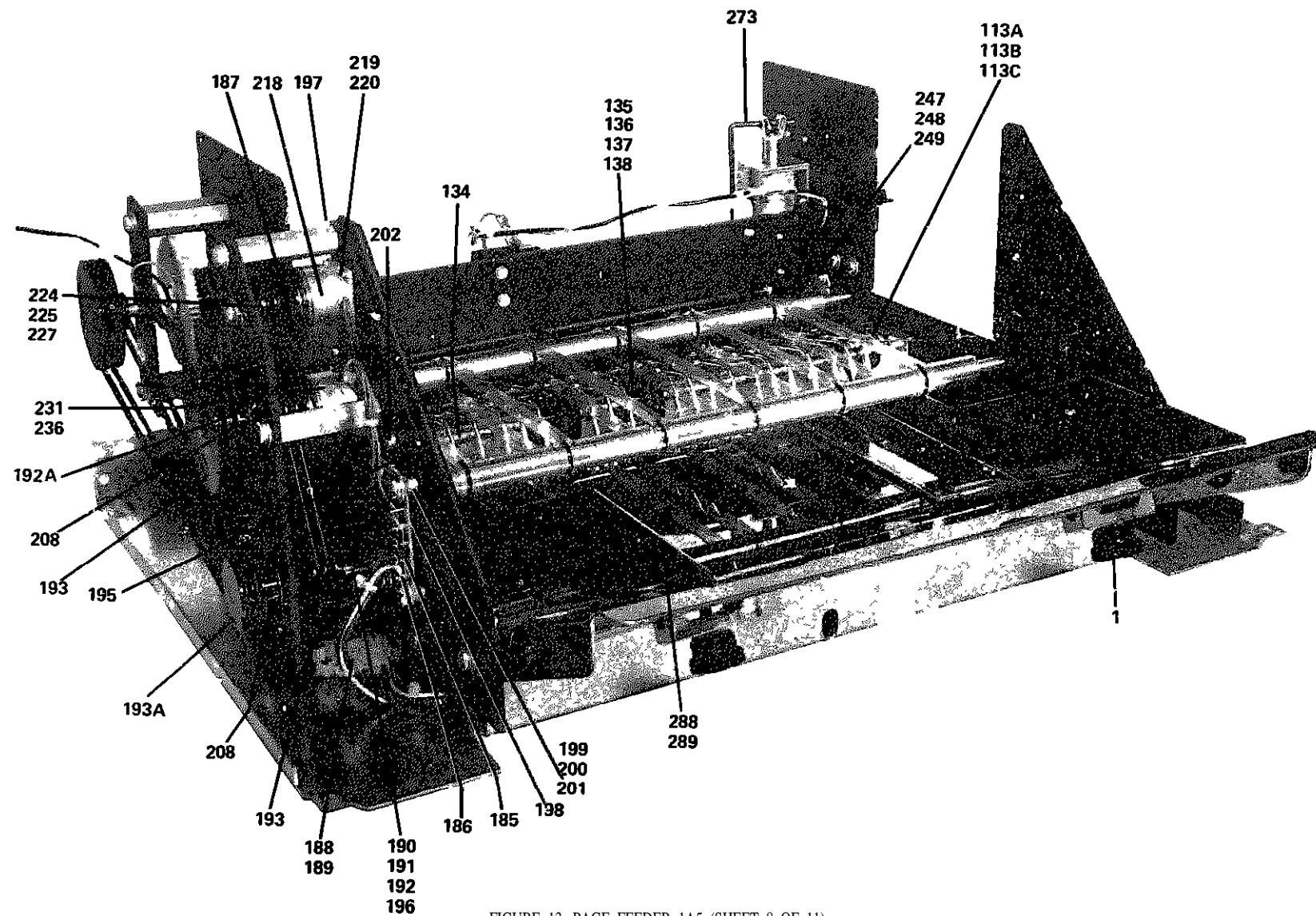


FIGURE 13. PAGE FEEDER 1A5 (SHEET 8 OF 11)

## GROUP ASSEMBLY PARTS LIST

FIG. & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	UNITS PER ASSY (
L3						
-146	. .	PLATE, IDLER (ATTACHING PARTS)	102267	54687	1	
-147	. .	SCREW, MACHINE	MS51958-63	96906	2	
-148	. .	WASHER, FLAT	MS27183-10	96906	2	
-149	. .	WASHER, LOCK -----*	MS35338-138	96906	2	
-150	. . .	BEARING, BALL, ANNULAR	SFRL883PPEE	83086	1	
-151	. . .	PLATE, IDLER, BARE	102267-1	54687	1	
-152	. .	SUPPORT, PAPER IDLER (ATTACHING PARTS)	101592-1	54687	1	
-153	. .	SPACER, SLEEVE, HEX, MALE-FEMALE	9753SS0832	06540	2	
-154	. .	NUT, SELF-LOCKING, CAP -----*	79NM408-82	72962	2	
-155	. . .	BEARING, BALL, ANNULAR	SFR1683PPEE	83086	2	
-156	. .	SUPPORT, PAPER IDLER (ATTACHING PARTS)	101592-2	54687	1	
-156A	. .	SPACER, SLEEVE, HEX, MALE-FEMALE	9753SS0832	06540	1	
-156B	. .	NUT, SELF-LOCKING, CAP -----*	79NM408-82	72962	1	
-156C	. . .	BEARING, BALL, ANNULAR	SFR1683PPEE	83086	1	
-157	. .	BLOWER ASSEMBLY, TANGENTIAL	102183-1	54687	1	
-158	. .	AIR GUIDE ASSEMBLY (ATTACHING PARTS)	101923	54687	1	
-159	. .	SCREW, MACHINE	MS35221-26	96906	1	
-160	. .	SCREW, MACHINE -----*	MS35233-28	96906	1	
-161		DELETED				
-162		DELETED				
-163		DELETED				
-164		DELETED				

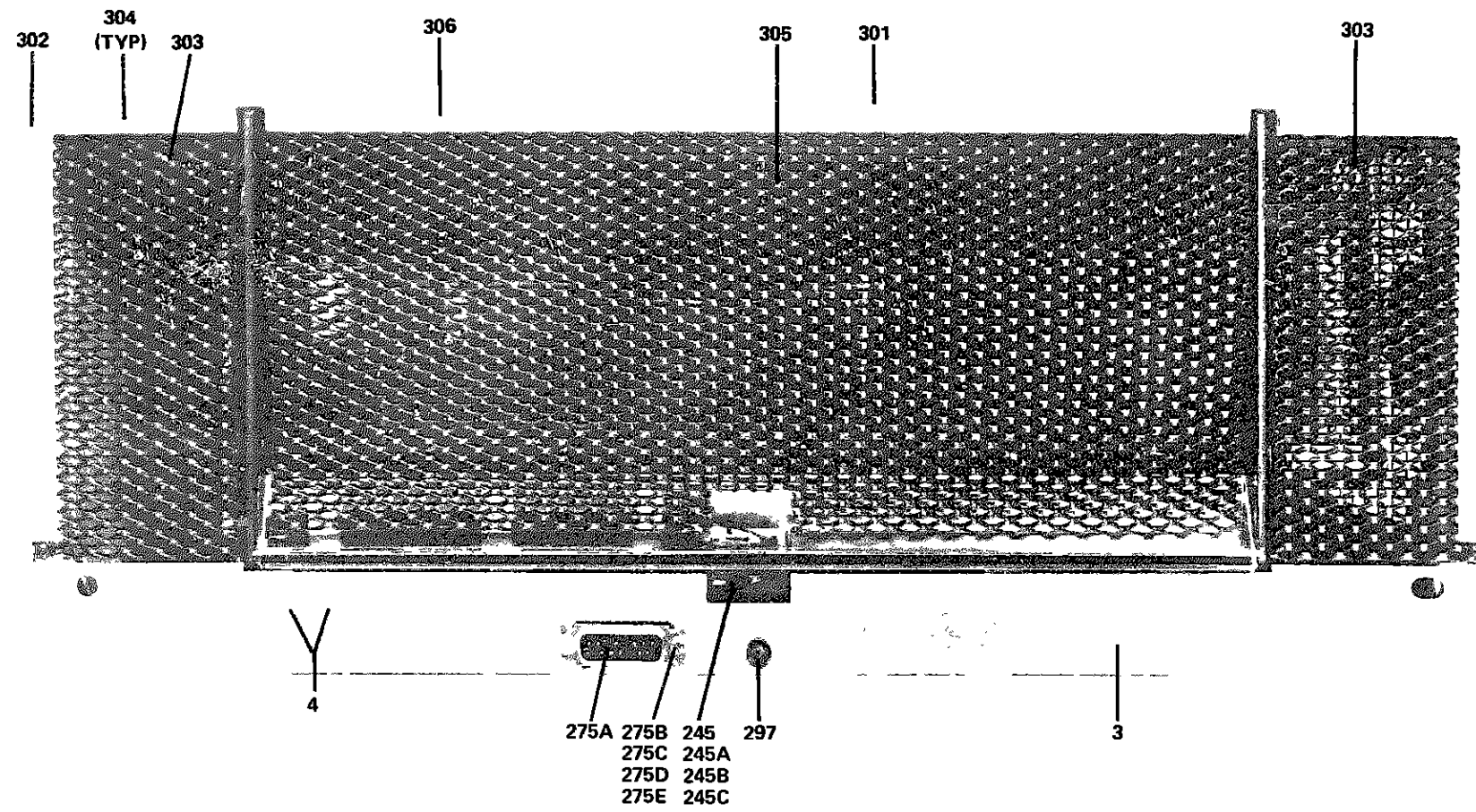


FIGURE 13. PAGE FEEDER REAR COVER ON 1A5 (SHEET 9 OF 11)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
13						
-165		. . . . AIR GUIDE SUBASSEMBLY	101589	54687	1	
-166		DELETED				
-167		DELETED				
-168		. . PLASTIC SHEET, POLYURETHANE	101923-3	54687	AR	
-169		. . TAPE, ADHESIVE, DOUBLE STICK	665	34359	AR	
-170		. . DEFLECTOR, AIR EXIT (ATTACHING PARTS)	101935	54687	1	
-171		. . SCREW, MACHINE -----*	MS24622-15	96906	5	
-172		. . . BLOWER, TANGENTIAL (ATTACHING PARTS)	101936-1	54687	1	
-172A		. . . SCREW, MACHINE	MS51958-61	96906	2	
-172B		. . SCREW, MACHINE	MS51958-63	96906	2	
-172C		WASHER, FLAT	MS27183-8	96906	2	
-172D		. WASHER, LOCK	MS35338-138	96906	4	
-172E		. NUT, HEX -----*	MS35650-304	96906	2	
-173		DELETED				
-173A		. . . HOUSING	024719-02	35197	1	
-173B		. . MOTOR	10936M00150	54687	1	
-173C		. . PLATE, SUPPORT, AIRGUIDE (ATTACHING PARTS)	102054	54687	2	
-173D		SCREW, MACHINE	MS51957-45	96906	2	
-173E		WASHER, FLAT	MS27183-7	96906	2	
-173F		. WASHER, LOCK	MS35338-137	96906	2	
-173G		. NUT, PLAIN, HEX -----*	MS35649-284	96906	2	
-174		SUPPORT, MOUNTING, LOWER (ATTACHING PARTS)	102181	54687	1	
-175		SCREW, MACHINE	MS35221-26	96906	2	

TO 31S5-4-516-4

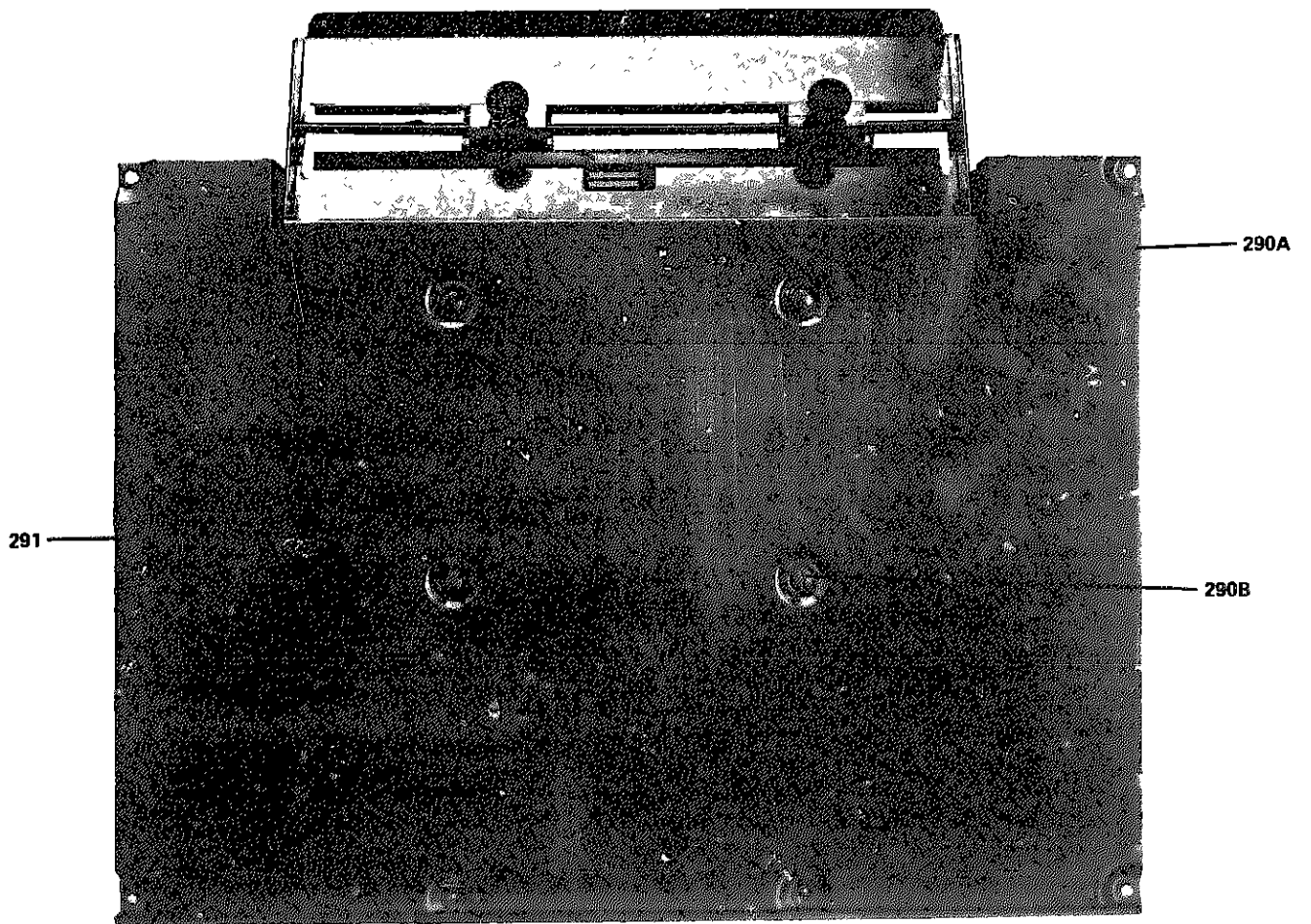


FIGURE 13. PAGE FEEDER BACK (10 OF 11)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USAI OF COI
13						
-176		. . WASHER, LOCK -----*	MS35338-136	96906	2	
-177		. . . BAFFLE, INTERNAL BLOWER (ATTACHING PARTS)	102182	54687	1	
-178		. . SCREW, MACHINE	MS35221-26	96906	4	
-179		. . . WASHER, LOCK -----*	MS35338-136	96906	4	
-180		. . . . WIRE GUIDE	303053-001	94943	6	
-181		. CLUTCH-BRAKE ASS'Y (ATTACHING PARTS)	102272	54687	1	
-182		. . SCREW, MACHINE	MS35233-45	96906	3	
-183		. . WASHER, FLAT	MS27183-7	96906	3	
-184		. . WASHER, LOCK -----*	MS35338-137	96906	3	
-185	CR1	. . SEMICOND DEVICE, DIODE	1N4002	01295	1	
-186	CR2	. . SAME AS CR1			1	
-187		. DRIVE BELT, RUBBER	0-1318	76385	1	
-188		. . CONNECTOR, PLUG, ELECTRICAL MODEL 1625-4	03-06-2041	27264	1	
-189		. . TERMINAL, TAPER PIN, MALE	02-06-2103	27264	4	
-190		. . SHAFT, IDLER (ATTACHING PARTS)	101640	54687	1	
-191		. . . RING, RETAINING, .250 DIA	2133-25	79136	2	
-192		. . . WASHER, FLAT, NYLON, .031 THK -----*	9M66-16038	14519	2	
-192A		WASHER FLAT	5710-52-30	86928	1	
-193		. . . PULLEY, GROOVE	102186-1	54687	2	
-193A		. . . PULLEY, GROOVE	102186-2	54687	1	
-194		. . DRIVE BELT, RUBBER	144	7A864	2	
-195		. . . CLUTCH-BRAKE ASS'Y, BACK	102271	54687	1	
-196		. . . BEARING, BALL, ANNULAR	S8R16838886	83086	1	
-197		. PLATE, CLUTCH-BRAKE, BACK	102268	54687	1	

TO 31S5-4-516-4

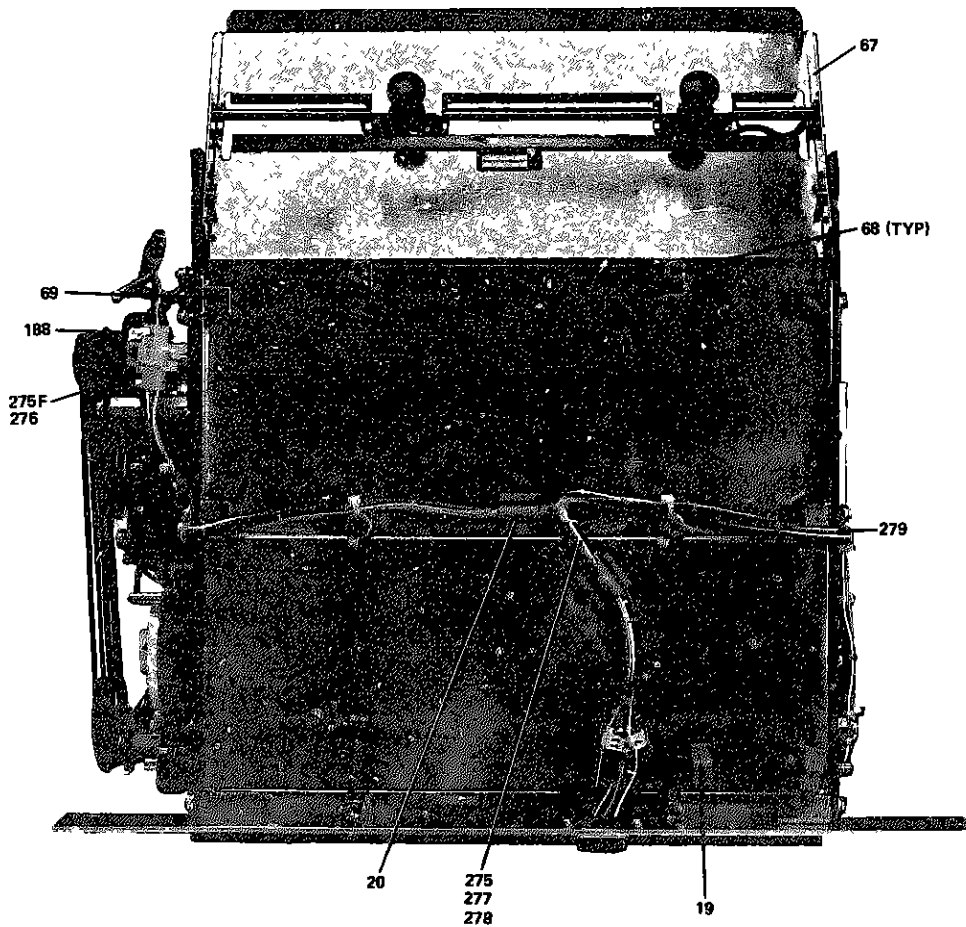


FIGURE 13. PAGE FEEDER BOTTOM COVER REMOVED (SHEET 11 OF 11)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
13						
-198	.	. . . . TERMINAL BOARD (ATTACHING PARTS)	15259	91833	1	
-199	.	. . . SCREW, MACHINE	MS35233-43	96906	4	
-200	.	. . . WASHER, FLAT	MS27183-7	96906	4	
-201	.	. . . WASHER, LOCK ----*----	MS35338-137	96906	4	
-202	.	. . . INSERT, THREADED	74-13-108-13	94222	7	
-203	.	. . . SPACER, SLEEVE, HEX	8586A0832-16	06540	3	
-204	.	. . . CLUTCH-BRAKE ASSEMBLY, FRONT (ATTACHING PARTS)	102264	54687	1	
-205	.	. . . SCREW, MACHINE	MS51957-43	96906	3	
-206	.	. . . WASHER, FLAT	MS27183-7	96906	3	
-207	.	. . . WASHER, LOCK ----*----	MS35338-137	96906	3	
-208	.	. . . BEARING, BALL, ANNULAR	SFR1883PPEE	83086	2	
-209	.	. . . PLATE, CLUTCH-BRAKE, FRONT	102265	54687	1	
-210	.	. . . SUPPORT, CLUTCH BEARING (ATTACHING PARTS)	101906-1	54687	1	
-211	.	. . . SCREW, MACHINE	MS51957-10	96906	4	
-212	.	. . . WASHER, FLAT	MS27183-2	96906	4	
-213	.	. . . WASHER, LOCK	MS35338-134	96906	4	
-214	.	. . . NUT, PLAIN, HEX ----*----	MS35649-224	96906	4	
-215	.	. . . BEARING, BALL, ANNULAR	SFR1883PPEE	83086	1	
-216		DELETED				
-217		DELETED				
-218	.	. . . BRAKE SUBASSY (ATTACHING PARTS)	101634	54687	1	
-219	.	. . . SCREW, MACHINE	MS35221-2	96906	4	
-220	.	. . . WASHER, LOCK	MS35338-134	96906	4	



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
13						
-221	.	. SCREW, MACHINE	MS35233-28	96906	2	
-222	.	. WASHER, FLAT	MS27183-5	96906	2	
-223	.	. WASHER, LOCK -----*	MS35338-136	96906	2	
-224	.	. . . BEARING, BALL, ANNULAR	SFR1883PP	83086	1	
-225	.	. . . BEARING, SEALED	SR1883PP	83086	1	
-226	.	. . . SHAFT, BRAKE	101633	54687	1	
-227	.	. . PULLEY, GROOVE, BRAKE	102185-1	54687	1	
-228	.	. . . BRAKE (ATTACHING PARTS)	16ECA10C4-4-12V	16554	1	
-229	.	. . . RING, RETAINING	5555-25	79136	1	
-230	.	. . . WASHER, FLAT -----*	5710-52-5	86928	1	
-231	.	. CLUTCH AND PULLEY ASSEMBLY	101638	54687	1	
-232	.	. . . BEARING, BALL, ANNULAR	SFR1883PP	83086	1	
-233	.	. . BEARING, BALL, ANNULAR	SR1883PP	83086	1	
-234	.	. . SHAFT, CLUTCH	101639	54687	1	
-235	.	. . PULLEY, GROOVE, CLUTCH	102185-1	54687	1	
-236	.	. CLUTCH ASSEMBLY	14ECA10C4-12V	16554	1	
-237	.	. CLUTCH SUBASSY, TIMING	102266	54687	1	
-238	.	. CLUTCH, ROLLER	EC040708	60380	1	
-239	.	. . . PULLEY, GROOVE, RING	102185-3	54687	1	
-240	.	. . EMITTER, INFRARED (ATTACHING PARTS)	100734-3	54687	1	
-241	.	DELETED				
-242	.	. WASHER, FLAT	MS27183-2	96906	2	
-243	.	. WASHER, LOCK	MS35790-101	96906	2	
-244	.	. . NUT, PLAIN, HEX -----*	MS35649-224	96906	2	
-245	.	. . DETECT, INFRARED	100734-4	54687	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
13		(ATTACHING PARTS)				
-245A	. .	WASHER, FLAT	MS27183-2	96906	2	
-245B	. .	WASHER, LOCK	MS35790-101	96906	2	
-245C	. .	NUT, PLAIN, HEX -----*	MS35649-224	96906	2	
-246	. .	PAPER STOP ASSEMBLY	102256	54687	1	
		(ATTACHING PARTS)				
-247		SCREW, MACHINE	MS35233-26	96906	4	
-248	. .	WASHER, FLAT	MS27183-5	96906	4	
-249	. .	WASHER, LOCK -----*	MS35338-136	96906	4	
-250	. .	SWITCH, SPDT, LOW TORQUE	E51-00E	01963	1	
		(ATTACHING PARTS)				
-251	. .	SCREW, MACHINE	MS35233-20	96906	2	
-252	. .	WASHER, FLAT	MS27183-3	96906	2	
-253	. .	WASHER, LOCK -----*	MS35338-135	96906	2	
-254		DELETED				
-255	. .	BRACKET, SUPPORT, LH	102249-1	54687	1	
		(ATTACHING PARTS)				
-256	. . .	SCREW, MACHINE	MS24693C202	96906	4	
-257	. . .	WASHER, LOCK -----*	MS35338-135	96906	4	
-258	. .	BRACKET, SUPPORT, RH	102249-2	54687	1	
		(ATTACHING PARTS)				
-258A	. .	SCREW, MACHINE	MS24693C202	96906	4	
-258B	. . .	WASHER, LOCK -----*	MS35338-135	96906	4	
-259	. .	PLATE, MOUNTING, SWITCH	102250	54687	1	
-260		SUPPORT, SWITCH AND PAPER	102251	54687	1	

## GROUP ASSEMBLY PARTS LIST

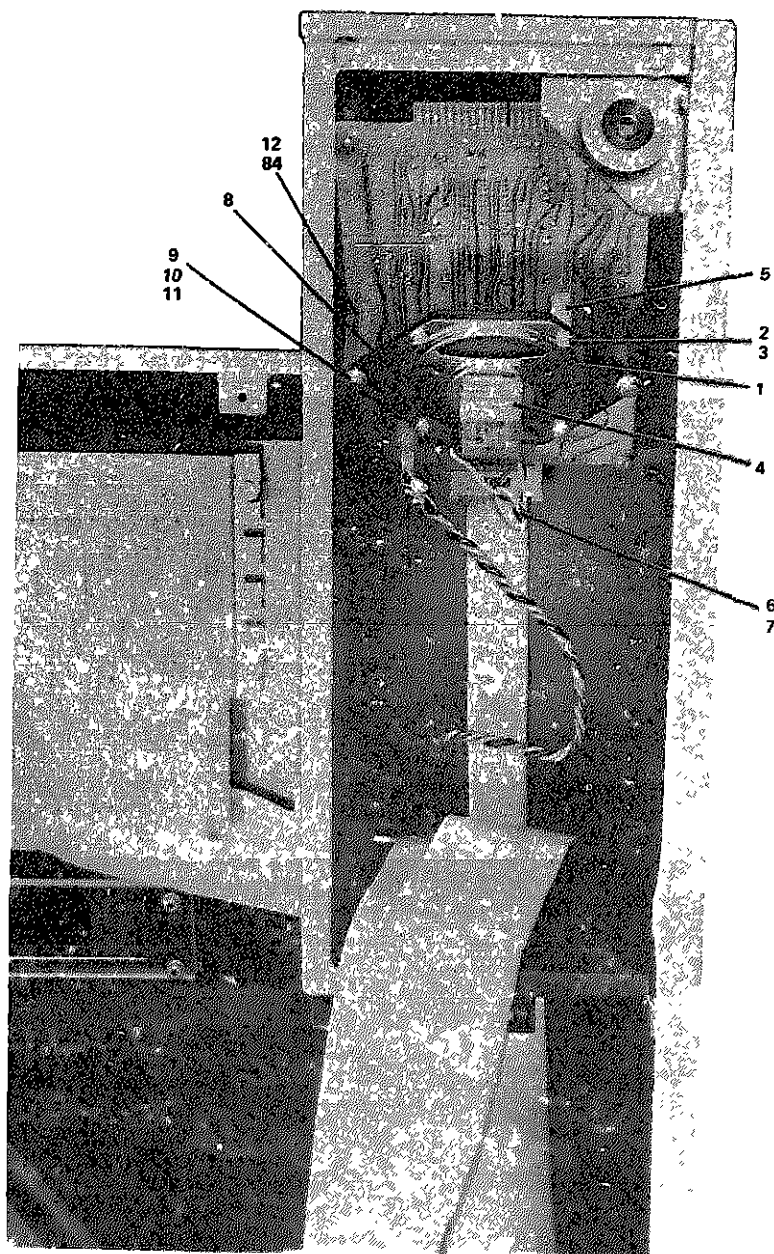
FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
13						
-260A		. . . . INSERT, THREADED	9505-06	19738	2	
-261		DELETED				
-262		. . PAPER STOP SUBASSY	102252	54687	1	
-262A		. . . . BEARING, PLASTIC	FSD062	13603	2	
-263		DELETED				
-264		. . SPRING	102473	54687	1	
-265		. . BRACKET	102493	54687	1	
		(ATTACHING PARTS)				
-266		. . SCREW, MACHINE	MS352233-28	96906	1	
-267		. . WASHER, FLAT	MS27183-5	96906	1	
-268		. . WASHER, LOCK -----*	MS35338-136	96906	1	
-268A		. . WASHER, FLAT, NYLON	2315N063	06540	2	
-269		. SPACER, SLEEVE, HEX, MALE/FEMALE 3/8-INCH DIA X 5/16 LG	102543	54687	1	
-270		DELETED				
-271		DELETED				
-272		DELETED				
-272A		DELETED				
-273		. ARM, LINKAGE, SOLENOID	102320	54687	1	
-274		DELETED				
-275		WIRING HARNESS, BRANCHED	101770-2	54687	1	
-275A	P320	. CONNECTOR, RECEPTACLE ELEC (ATTACHING PARTS)	DAMAF15PA106	71468	1	
-275B		SCREW, MACHINE	MS35221-5	96906	2	
-275C		. . . WASHER, FLAT	MS27183-2	96906	2	
-275D		. . . WASHER, LOCK	MS35378-134	96906	2	
-275E		NUT, PLAIN, HEX -----*	MS35649-224	96906	2	
-275F	P321	. CONNECTOR, PLUG, ELECTRICAL	1625-4R	27264	1	
-276		TERMINAL, RECEPTACLE FEMALE	02-06-1103	27264	4	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION		CODE IDENT	UNITS PER ASSY	USABLE ON CODE
13						
-277	.	TERMINAL,LUG	320135	00779	2	
-278	. .	TERMINAL,LUG	321620	00779	4	
-279		DELETED				
-280		DELETED				
-281		DELETED				
-282		DELETED				
-283		DELETED				
-284		DELETED				
-285		DELETED				
-286		DELETED				
-287		DELETED				
-288		SLIDE SUBASSY,LH	101897	54687	1	
-289	.	SLIDE,PAPER GUIDE,LH	101895	54687	1	
-290		DELETED				
-290A		PLATE ASSY,MOUNTING,BOTTOM (ATTACHING PARTS)	102187	54687	1	
-290B		SCREW,MACHINE -----*	MS35233-41	96906	6	
-290C	. .	PIN,SPRING	C5-32	00141	1	
-291	.	PLATE,MOUNTING,BOTTOM	101891	54687	1	
-292		DELETED				
-293		DELETED				
-294	.	MOLDING,FRONT BOTTOM (ATTACHING PARTS)	102170	54687	1	
-295	.	SCREW,MACHINE	MS51557-46	96906	2	
-296	.	WASHER,LOCK -----*	MS35333-72	96906	2	
-297		POD SECURING	102171	54687	1	
-298	.	NUT,KNURLED (ATTACHING PARTS)	116251	23050	1	
-299		RING,RETAINING, .750 DIA	5144-36	136		

## GROUP ASSEMBLY PARTS LIST

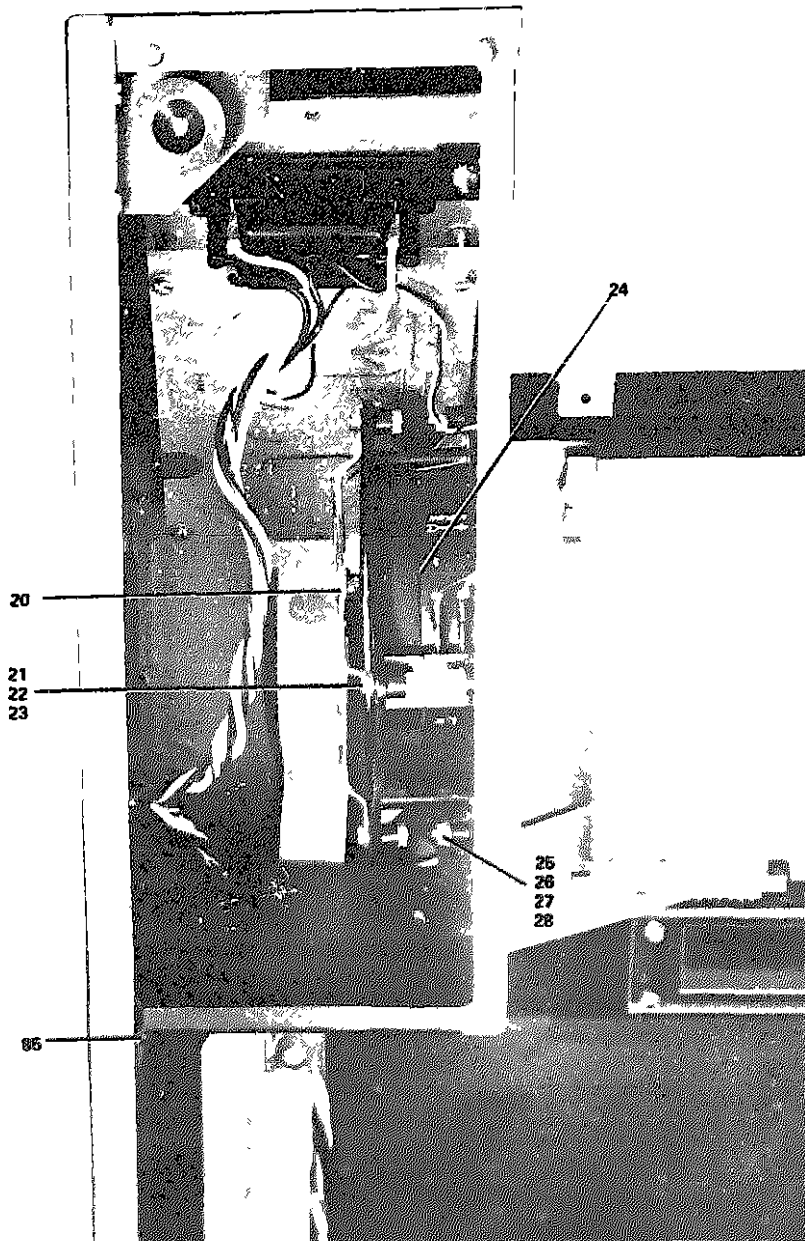
FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
13						
-300	.	WASHER, FLAT, NYLON, .031 THK X 281 I.D. -----*	9M66-1603B	14519	1	
-301	.	COVER ASSEMBLY	102178	54687	1	
-302		COVER	101890	54687	1	
-303		SCREEN, BACK, SMALL (ATTACHING PARTS)	102177-1	54687	2	
-304	. .	SCREW, MACHINE -----*	AN505-4-4	81352	4	
-305		SCREEN, BACK, LARGE (ATTACHING PARTS)	102177-2	54687	1	
-306		SCREW, MACHINE -----*	AN505-4-4	81352	2	



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
14	1A6	CONTROL CONSOLE ASSEMBLY (SEE FIGURE 1-16 FOR NHA)	102319-3	54687	REF	
-1		• SPEAKER ASSEMBLY (ATTACHING PARTS)	102474	54687	1	
-2		SCREW, MACHINE	MS35233-12	96906	4	
-3		WASHER, LOCK ---*---	MS35338-135	96906	4	
-4		SPEAKER	99P60972	75491	1	
-5		CONNECTOR, PLUG, ELECTRICAL	1625-2R	27264	1	
-6		• WIRE, ELECTRICAL, STRANDED, 22 AWG 3071-1 WHITE		92194	AR	
-7		• WIRE, ELECTRICAL, STRANDED, 22 AWG 3071-2 BLACK		92194	AR	
-8		PLATE, MOUNTING, SPEAKER (ATTACHING PARTS)	102321	54687	1	
-9		SCREW, MACHINE	MS51957-43	96906	2	
-10		WASHER, FLAT	MSL5795-807	96906	2	
-11		WASHER, LOCK	MS35338-137	96906	2	
-12		SPACER, SLEEVE, HEX ---*---	8581SS0832	06540	2	
-13	1A6A1	• CONTROL PANEL ASSEMBLY (SEE FIGURE 15 FOR BKDN) (ATTACHING PARTS)	102239-3	54687	1	
-14		STUD, FLUSH HEAD (SEE FIGURE 4-69)	FH832-20C	46384	REF	
-15		DELE LD ---*---				
-16		COVER, SWITCH TERMINAL (ATTACHING PARTS)	102364	54687	1	
17		SCREW, MACHINE	MS35233-48	96906	1	
-18		WASHER, FLAT	MS27183-7	96906	1	
-19		WASHER, LOCK ---*---	MS35338-137	96906	1	

T O 3 1 S 5 - 4 - 5 1 6 - 4





## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
14						
-20		• SHROUD, FAN (ATTACHING PARTS)	65-175	92702	1	
-21		• SCREW, MACHINE	MS35233-31	96906	4	
-22		• WASHER, LOCK, EXTERNAL TCOOTH	MS35335-58	96906	4	
-23		• NUT, PLAIN, HEX -----*	MS35649-262	96906	4	
-24		• FAN, CIRCULATING (ATTACHING PARTS)	BS2107FL	92702	1	
-25		• SCREW, MACHINE	MS24693S28	96906	4	
-26		• WASHER, FLAT	MS27183-5	96906	4	
-27		• WASHER, LOCK, EXTERNAL TCOOTH	MS35335-58	96906	4	
-28		• NUT, PLAIN, HEX -----*	MS35649-262	96906	4	
-29	LA6A2	• FORMAT PANEL ASSEMBLY (SEE FIGURE 17 FOR BKDN) (ATTACHING PARTS)	102309-3	54687	1	
-30		• SCREW, MACHINE	MS35233-43	96906	3	
-31		• WASHER, FLAT	MS27183-7	96906	3	
-32		• WASHER, LOCK	MS35338-137	96906	3	
-33		• SPACER, SLEEVE, ROUND -----*	8517SS0832-7	06540	3	
-34		• COVER, ACCESS, KEYBOARD (ATTACHING PARTS)	102104	54687	1	
-35		• SCREW, MACHINE	MS51957-43	96906	4	
-36		• WASHER, FLAT	MS27183-7	96906	4	
-37		• WASHER, LOCK -----*	MS35338-137	96906	4	
-38		• KEYBOARD ASSEMBLY (ATTACHING PARTS)	102172	54687	1	
-39		• SCREW, MACHINE	MS35233-28	96906	4	
-40		• WASHER, FLAT	MS27183-5	96906	4	

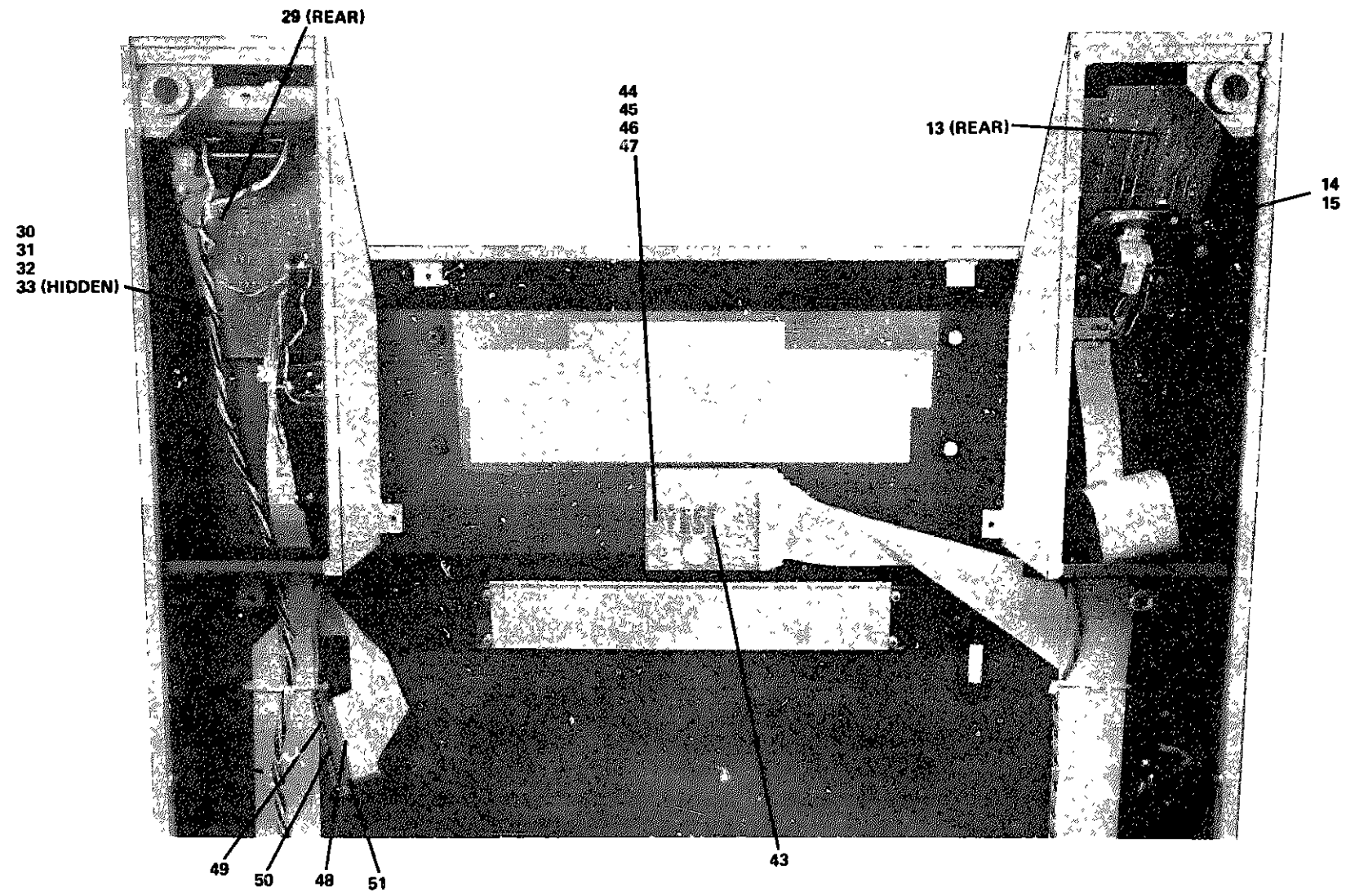


FIGURE 14. CONTROL ASSEMBLY BOTTOM KEYBOARD REMOVED 1A6 (SHEET 3 OF 6)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
14						
-41		• WASHER, LOCK	MS35338-136	96906	4	
-42		• SPACER, SLEEVE, ROUND, .375-INCH DIA X.312-INCH LG WITH 6-32 UNC2B THD ---*---	8511SS0632-7	06540	4	
-43	1A6A3	LED DISPLAY CIRCUIT CARD ASSEMBLY (SEE FIGURE 19 FOR BKDN)  (ATTACHING PARTS)	102190	54687	1	
-44		• STUD, FLUSH HEAD CONTINUOUS T-READ	FHS256-10C	46384	2	
-45		• WASHER, FLAT	MS27183-2	96906	2	
-46		• WASHER, LOCK	MS35338-134	96906	2	
-47		• NUT, PLAIN, HEX ---*---	MS35649-224	96906	2	
-48		KEYBOARD INTERFACE CIRCUIT CARD ASSEMBLY	102194	54687	1	
-49		• • KEY, POLARIZING, ELECTRICAL	456-07-35-003	71785	1	
-50		• • CONNECTOR, RECEPTACLE, ELECTRICAL 30-PIN	252-15-30-160	71785	1	
-51		• • PRINTED WIRING BOARD	102193	54687	1	
-52		• COVER ASSEMBLY, TOP	102058-1	54687	1	
-53		• • PLATE, MOUNTING, LH	102295-1	54687	1	
-54		• PLATE, MOUNTING, RH  (ATTACHING PARTS)	102295-2	54687	1	
-55		• SCREW, MACHINE	MS24693S28	96906	4	
-56		• • SCREW, MACHINE	MS51957-28	96906	12	
-57		• • WASHER, FLAT	MS27183-5	96906	12	
-58		• • WASHER, LOCK	MS35338-136	96906	12	
-59		• • INSERT, THREADED ---*---	102296	54687	2	
-60		• SUPPORT, STEEL, TOP COVER  (ATTACHING PARTS)	102346	54687	2	
-61		• SCREW, CAP, SOCKET HEAD	MS16995-258	96906	4	
-62		• WASHER, FLAT	MS27183-7	96906	4	

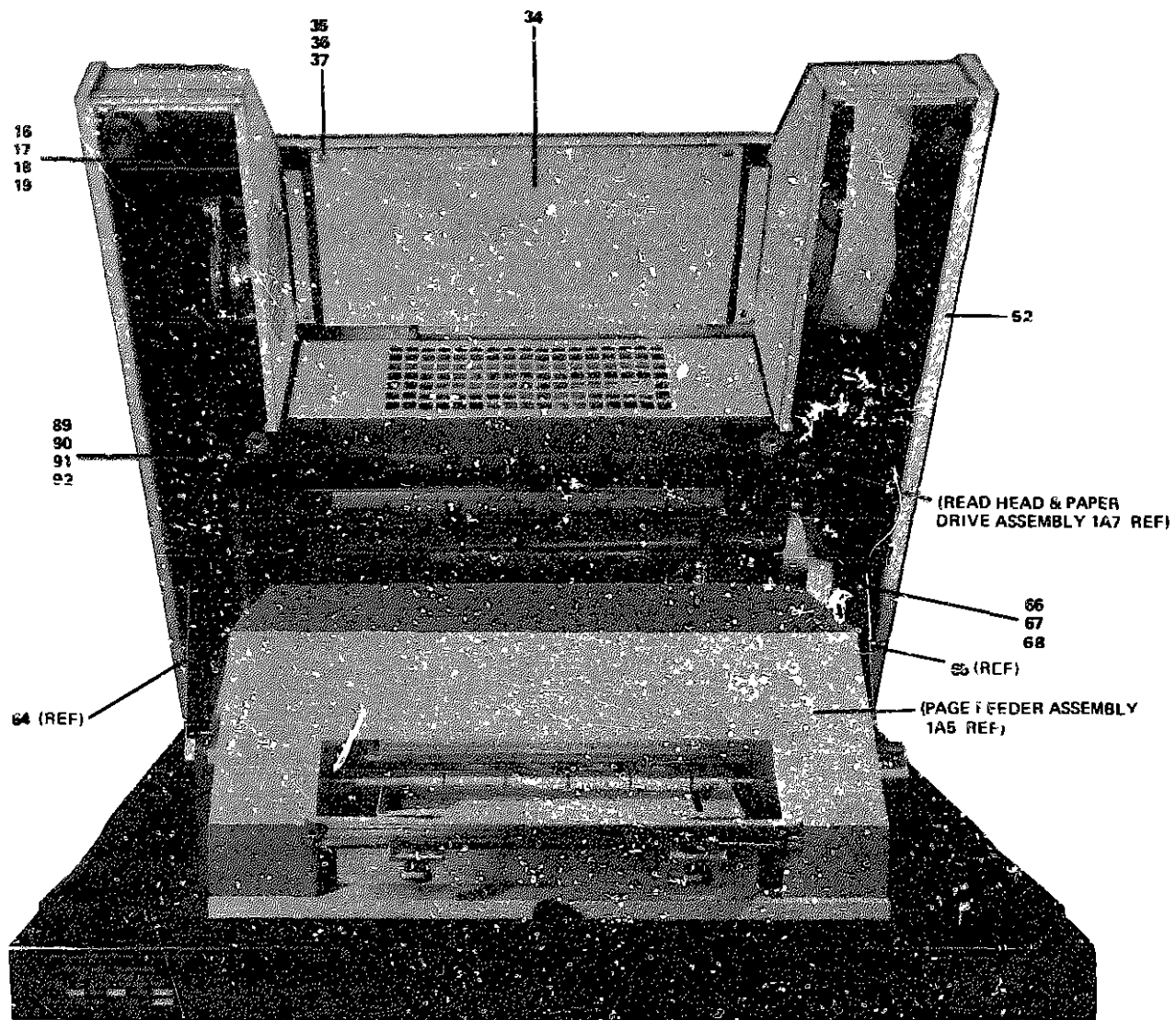


FIGURE 15. CONTROL CONSOLE ASSEMBLY 1A6 (SHEET 4 OF 6)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
14						
-63		WASHER, LOCK -----*	MS35338-137	96906	4	
-64		LEVER, ARM, LH	102345-1	54687	REF	
-65		LEVER, ARM, RH (SEE ASSEMBLY 1A1, FIGURE 1-16A, 16B)	102345-2	54687	REF	
		(ATTACHING PARTS)				
-66		SCREW, MACHINE	MS51957-43	96906	2	
-67		WASHER, FLAT	MS27183-7	96906	2	
-68		WASHER, LOCK -----*	MS35338-137	96906	2	
-69		DELETED				
-70		STUD, FLUSH HEAD, PEM, 4-40X1/4 LG	FH440-4C	46384	2	
-71		• WASHER, LOCK	MS35338-135	96906	2	
-72		• NUT, PLAIN, HEX -----*	MS35649-242	96906	2	
-73		• CLIP, SPRING, TENSION, 0.10-INCH THK X .50-INCH LENG	102058-2	54687	2	
		(ATTACHING PARTS)				
-74		STUD, FLUSH HEAD, PEM, 4-40X1/4 LG	FH440-4C	46384	2	
-75		• WASHER, FLAT	MS27183-3	96906	2	
-76		WASHER, LOCK	MS35338-135	96906	2	
-77		NUT, PLAIN, HEX -----*	MS35649-242	96906	2	
-78		• WINDOW, OBSERVATION, PLEXIGLAS	102572	54687	1	
		(ATTACHING PARTS)				
-79		STUD, CONTINUOUS THREAD, 4-40 X 1/2-INCH LG	FHS440-8C	46384	4	
-80		• WASHER, FLAT	MS27183-3	96906	4	
-81		• WASHER, LOCK	MS35338-135	96906	4	
-82		• NUT, PLAIN, HEX -----*	MS35649-244	96906	4	

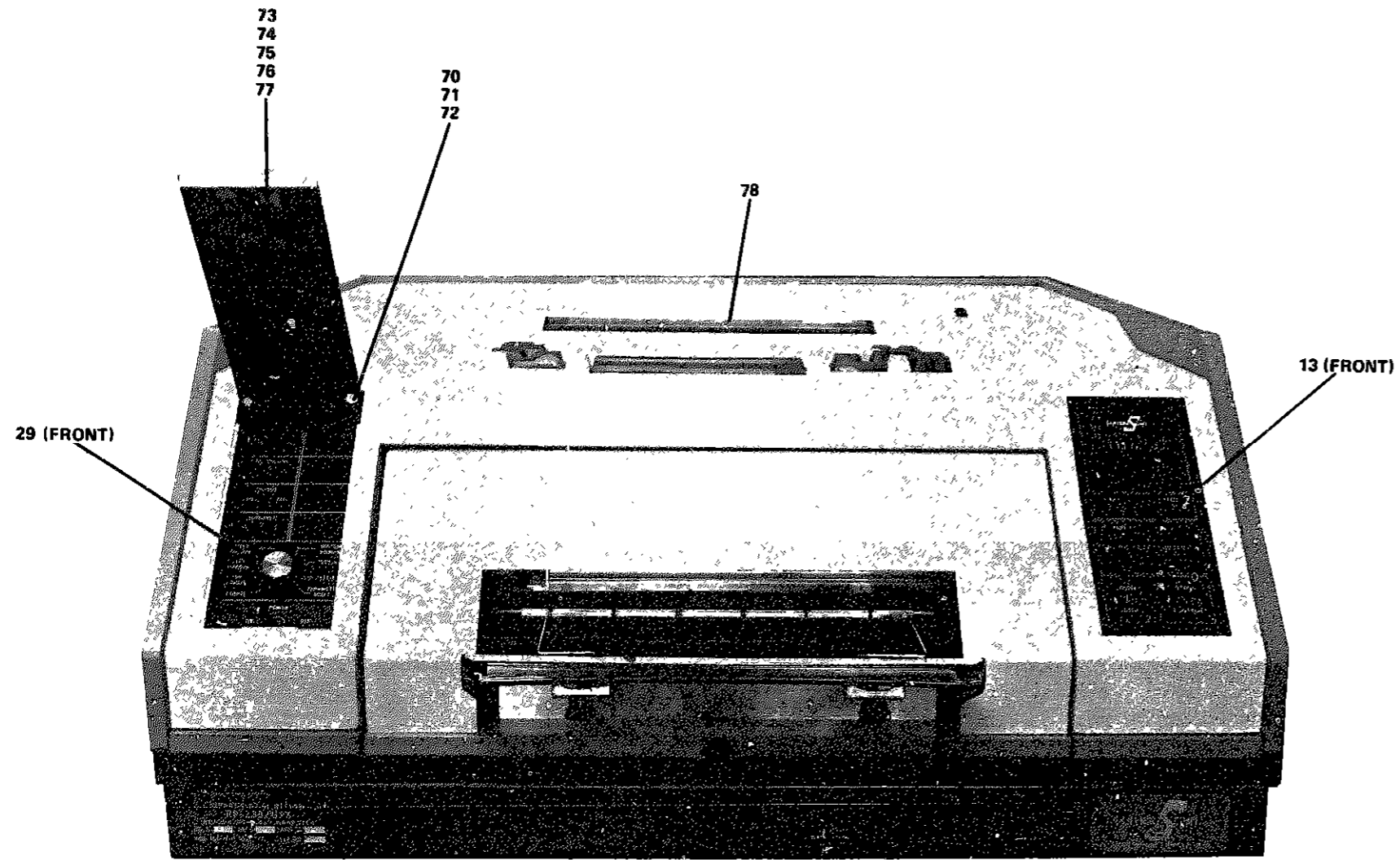


FIGURE 14. CONTROL CONSOLE ASSEMBLY TOP 1A6 (SHEET 5 OF 6)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
L4						
-83		• PUSH MOUNT, TIEDOWN STRAP	PM2H25M	06383	8	
-84		• STUD, FLUSH HEAD	FHS832-20C	46384	2	
-85		• SCREW, TAPPING-THREADED FORMING	MS24622-16	96906	18	
-86		• DELETED				
-87		• DELETED				
-88		DELETED				
-89		DELETED				
-90		• SCREW CAP, SOCKET HEAD, KNURLED	MS16995-518	96906	2	
-91		WASHER, FLAT	MS27183-4	96906	2	
-92		WASHER, LOCK, SPLIT (INDEXES 90-92 SECURE UPPER PLATEN ASSY TO COVER)	MS35338-139	96906	2	

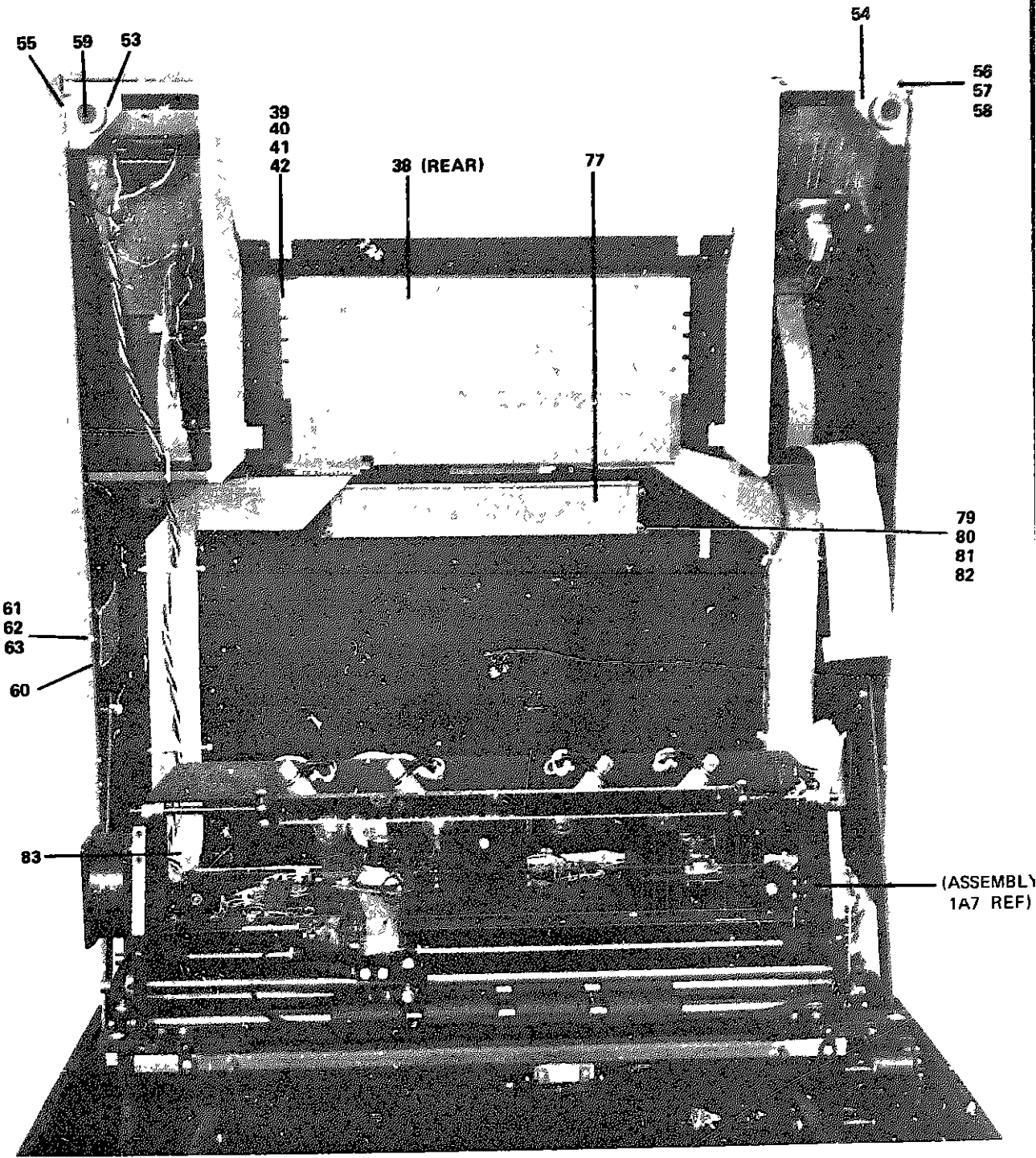


FIGURE 14. CONTROL CONSOLE ASSEMBLY BOTTOM 1A6 (SHEET 6 OF 6)



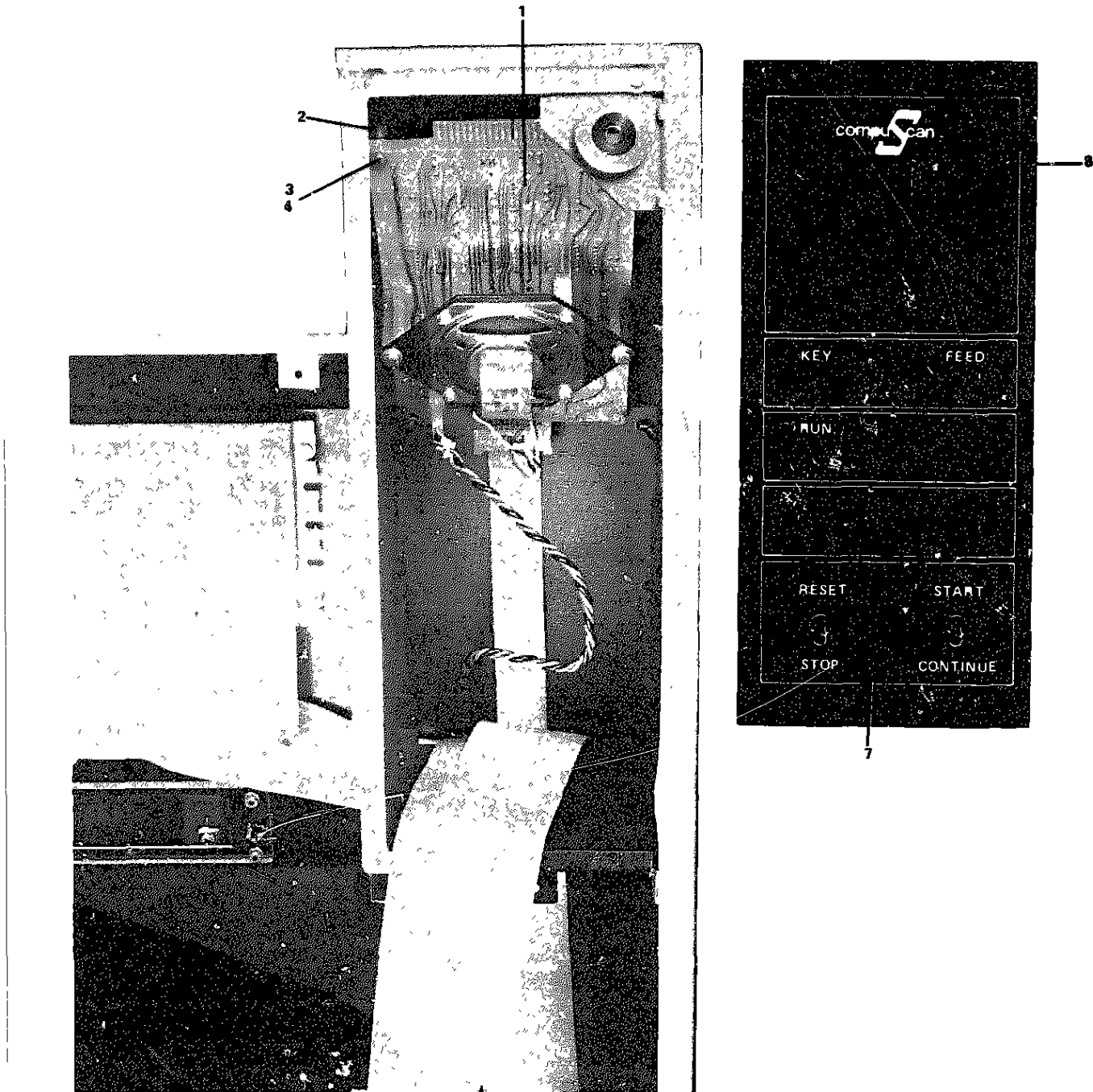


FIGURE 15. CONTROL PANEL ASSEMBLY 1A6A1

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
15	1A6A1	CONTROL PANEL ASS'MBLY (SEE FIGURE 14-13 FOR NHA)	102239-3	54687	FFF	
-1	1A6A1A1	• CONTROL PANEL CIRCUIT CARD ASSY (SEE FIGURE 16 FOR BREAKDOWN)  (ATTACHING PARTS)	102202-2	54687	1	
-2		DELETED				
-3		SCREW, MACHINE	MS51960-34	96906	4	
-4		• WASHER, FLAT	MS27183-6	96906	4	
-5		WASHER, LOCK	MS35338-136	96906	4	
-6		• NUT, PLAIN, HEX -----*	MS35649-264	96906	4	
-7		CONTROL PANEL, PLEXIGLAS, RED 2423	103081	54687	1	
-8		FILTER, CONTROL PANEL, FLEXIGLAS, BLUE 2424	102238	54687	1	

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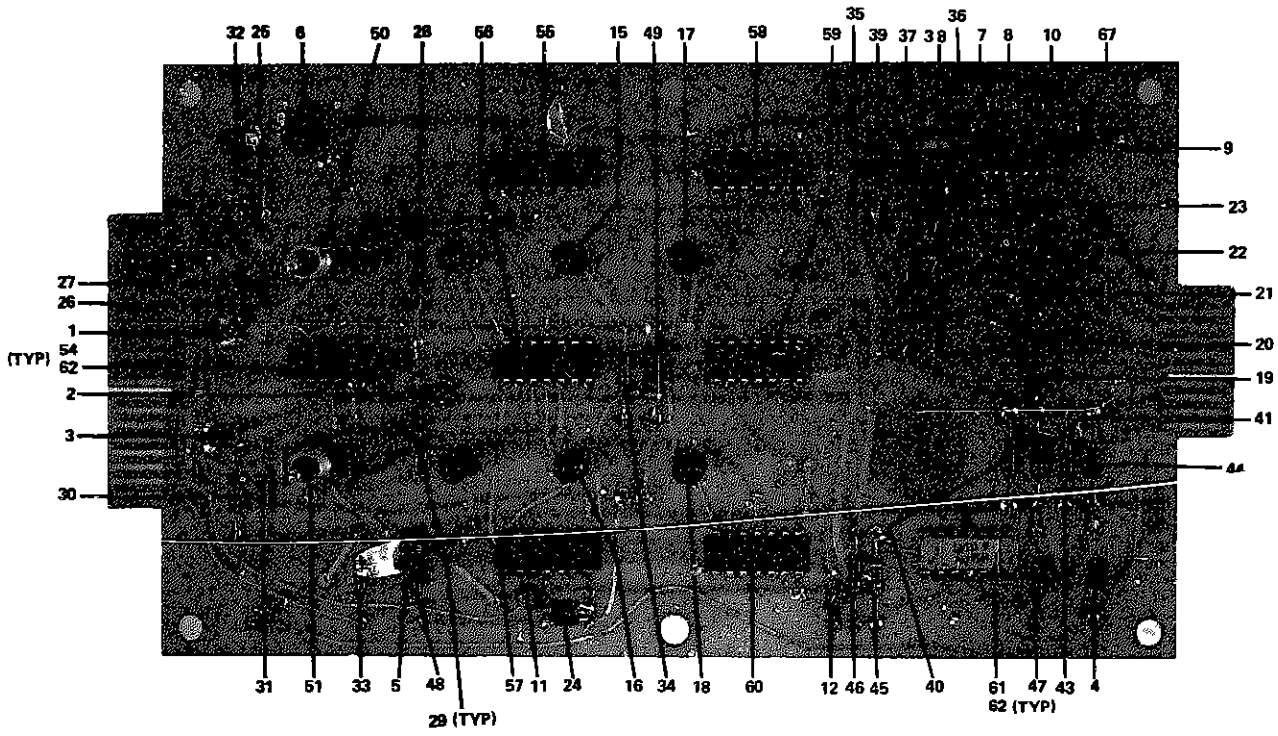


FIGURE 16. CONTROL PANEL CIRCUIT CARD ASSEMBLY FRONT 1A6A1A1 (SHEET 1 OF 2)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
16	1A6A1A1	CONTROL PANEL CIRCUIT CARD ASSEMBLY (SEE FIGURE 15-1 FOR NHA)	102202-2	54687	REF	
-1	C1	CAPACITOR, FIXED, ELECTROLYTIC, 6.8 MF, 20%, 6 VDC	T368A685K006AS	31433	1	
-2	C2	• SAME AS C1			1	
-3	C3	• SAME AS C1			1	
-4	C7	• CAPACITOR, FIXED, CERAMIC, .047 MF, 10%, 10 VDC	CK058X473K	81349	1	
-5	C8	• CAPACITOR, FIXED, CERAMIC, .05 MF, PLUS 80 MINUS 20%, 20 VDC	UK20-503	71590	1	
-6	C9	• SAME AS C8			1	
-7	C10	SAME AS C8			1	
-8	C11	• SAME AS C1			1	
-9	C12	• SAME AS C8			1	
-10	C13	• CAPACITOR, FIXED, CERAMIC, 2.2 MF, 20%, 20 VDC	T368A225K020AS	31433	1	
-11	C14	SAME AS C1			1	
-12	C15	• SAME AS C1			1	
-13		DELETED				
-14		DELETED				
-15	DS3	SEMICONDUCTOR DEVICE, DIODE, LIGHT-EMITTING	549-0104	72619	1	
-16	DS4	SAME AS DS3			1	
-17	DS5	• SAME AS DS3			1	
-18	DS6	SAME AS DS3			1	
-19	Q1	TRANSISTOR	2N4921	04713	1	
-20	Q2	SAME AS Q1			1	
-21	Q3	TRANSISTOR	MPS6560	04713	1	
-22	Q4	• SAME AS Q1			1	
-23	Q5	• SAME AS Q3			1	
-24	Q6	SAME AS Q3			1	
-25	R1	• RESISTOR, FIXED, COMPOSITION, 220 OHMS, 5%, 1/4 W	RCR07G221JS	81349	1	
-26	R2	• SAME AS R1			1	

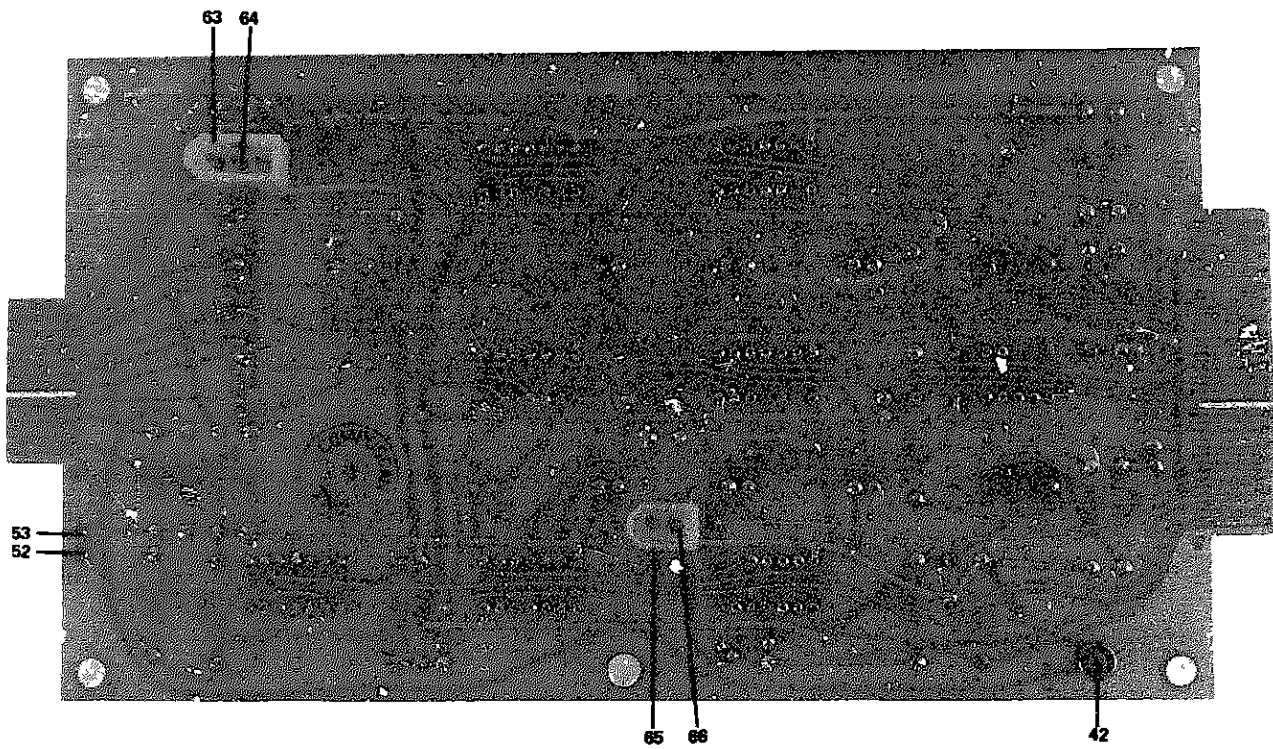


FIGURE 16 CONTROL PANEL CIRCUIT CARD ASSEMBLY BACK 1A6A1A1 (SHEET 2 OF 2)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
16						
-27	R3	• RESISTOR, FIXED, COMPOSITION, 2200 OHMS, 5%, 1/4 W	RCR07G222JS	81349	1	
-28	R4	SAME AS R3			1	
-29	R5	SAME AS R1			1	
-30	R6	• SAME AS R1			1	
-31	R7	SAME AS R3			1	
-32	R9	• SAME AS R1			1	
-33	R12	SAME AS R1			1	
-34	R13	• SAME AS R1			1	
-35	R15	• SAME AS R1			1	
-36	R16	• SAME AS R1			1	
-37	R17	• RESISTOR, FIXED, COMPOSITION, 820 OHMS, 5%, 1/4 W	RCR07G6218S	81349	1	
-38	R18	• RESISTOR, FIXED, COMPOSITION, 47 OHMS, 5% 1W	RCR32G470JS	81349	1	
-39	R19	SAME AS R1			1	
-40	R20	RESISTOR, FIXED, COMPOSITION, 100 OHMS, 5%, 1/4 W	RCR07G101JS	81349	1	
-41	R21	SAME AS R1			1	
-42	P22	• RESISTOR, VARIABLE	3339PL-204	32997	1	
-43	R23	• RESISTOR, FIXED, COMPOSITION, 4700 OHMS, 5%, 1/4 W	RCR07G472JS	81349	1	
-44	R24	• RESISTOR, FIXED, COMPOSITION, 470 OHMS, 5%, 1/4 W	RCR07G471JS	81349	1	
-45	R25	• SAME AS R24			1	
-46	R26	• SAME AS R1			1	
-47	R27	• SAME AS R17			1	
-48	R28	RESISTOR, FIXED, COMPOSITION, 1000 OHMS, 5%, 1/4 W	RCR07G102JS	81349	1	
-49	R29	RESISTOR, FIXED, COMPOSITION, 10 OHMS, 5%, 1/2 W	RCR20G100JS	81349	1	
-50	S1	• SWITCH, TOGGLE, SPDT, MOMENTARY	7105SWV3	09353	1	
-51	S2	• SAME AS S1			1	
-52	TPL	• JACK, TIP	160-3747-01-04	71279	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
16						
-53	TP2	. SAME AS TP1			1	
-54	U1	. MICROCIRCUIT, DIGITAL, HEX SCHMITT-TRIGGER INVERTER	SN7414N	01295	1	
-55	U2	. MICROCIRCUIT, DIGITAL, HEX INVERTER	SN7404N	01295	1	
-56	U3	. MICROCIRCUIT, DIGITAL, 15V HEX INVERTER BUFFER/DRIVER	SN7416N	01295	1	
-57	U4	. SAME AS U2			1	
-58	U5	. MICROCIRCUIT, DIGITAL, DUAL D-TYPE EDGE TRIGGERED FLIP-FLCP	SN7474N	01295	1	
-59	U6	. SAME AS U3			1	
-60	U7	. SAME AS U5			1	
-61	U8	. MICROCIRCUIT, LINEAR, VOLTAGE COMPARTOR	LM311D	27014	1	
-62		. SOCKET, PLUG-IN ELECTRONIC COMPONENT, 14-PIN	C931402	01295	8	
-63	P303	. CONNECTOR, RECEPTACLE, ELECTRICAL, (MOD 1625-3)	03-06-2032	27264	1	
-64		. TERMINAL, TAPER PIN-MALE	02-06-8103	27264	3	
-65	P304	. CONNECTOR, RECEPTACLE, ELECTRICAL (MOD 1625-2)	03-06-2023	27264	1	
-66		. TERMINAL, TAPER PIN, MALE	02-06-8103	27264	2	
-67		. PRINTED WIRING BOARD	102201	54687	1	

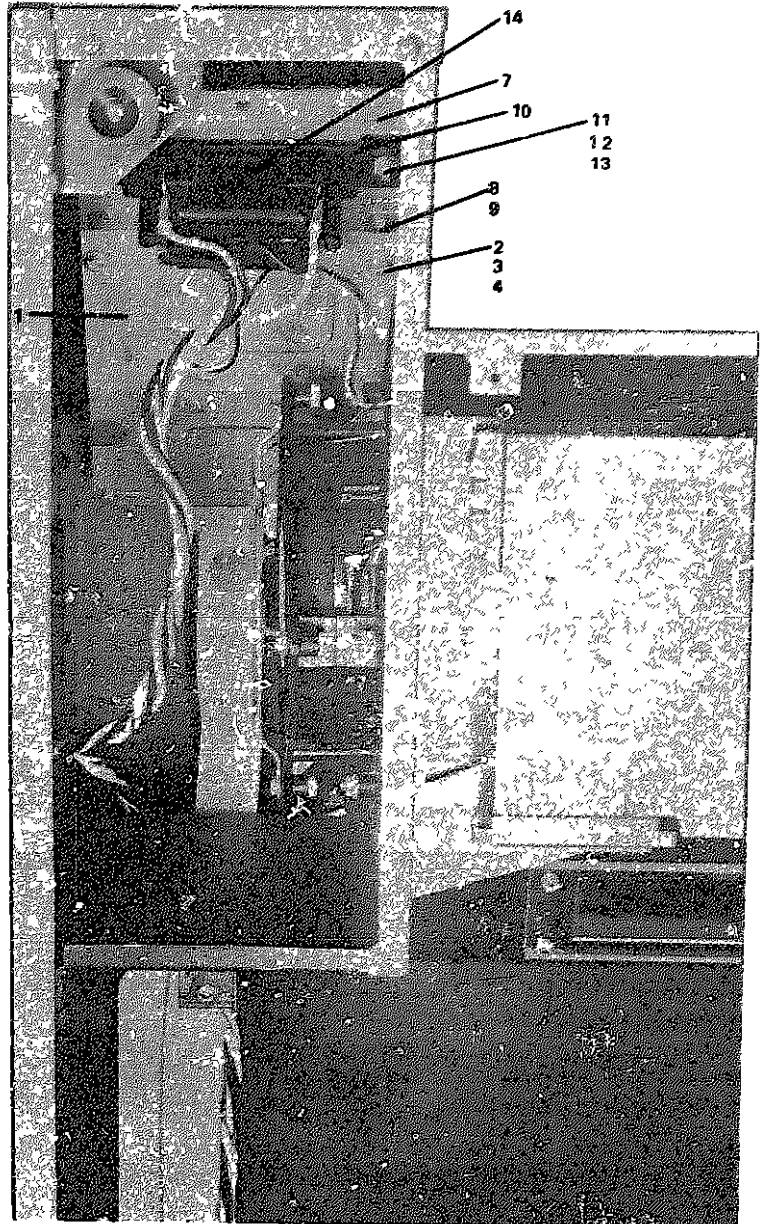
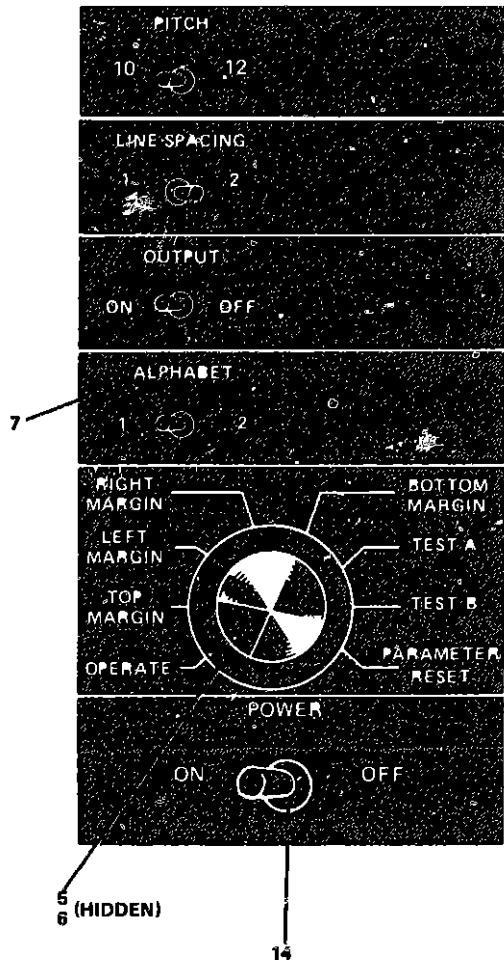


FIGURE 17. FORMAT PANEL ASSEMBLY 1A6A2



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
L7	LABA2	FORMAT PANEL ASSEMBLY (SEE FIG 14-29 FOR NHA)	102309-3	54687	REF	
-1	LABA2A1	FORMAT PANEL CIRCUIT CARD ASSY (SEE FIGURE 18 FOR BKDN) (ATTACHING PARTS)	102203-1	54687	1	
-2		SCREW, MACHINE	MS51957-28	96906	4	
-3		WASHER, FLAT	MS27183-6	96906	4	
-4		WASHER, LOCK ---*---	MS35338-136	96906	4	
-5		KNOB, SELECTOR SWITCH (ATTACHING PARTS)	5648-3L	75376	1	
-6		SETSCREW, HEX SOCKET, CONE PT ---*---	MS51021-132	96906	1	
-7		FORMAT PANEL, ALUM ALLOY, BLACK OXIDE, 1/8-INCH THK	103079	54687	1	
8		SPACER, SLEEVE, RND, 6-32 UNC28, 3/16 DIA X 7/8 LG	BS008632-26	46384	4	
-9		STUD, FLUSH HEAD	FHS632-8	46384	2	
-10		BRACKET, MOUNTING, TOGGLE SWITCH, CRS, BLK OXIDE (ATTACHING PARTS)	102244	54687	1	
-11		NUT, PLAIN, HEX	MS35649-262	96906	2	
-12		WASHER, FLAT	MS27183-6	96906	2	
-13		WASHER, LOCK ---*---	MS35338-136	96906	2	
-14		SWITCH, TOGGLE	7402K3	15605	1	

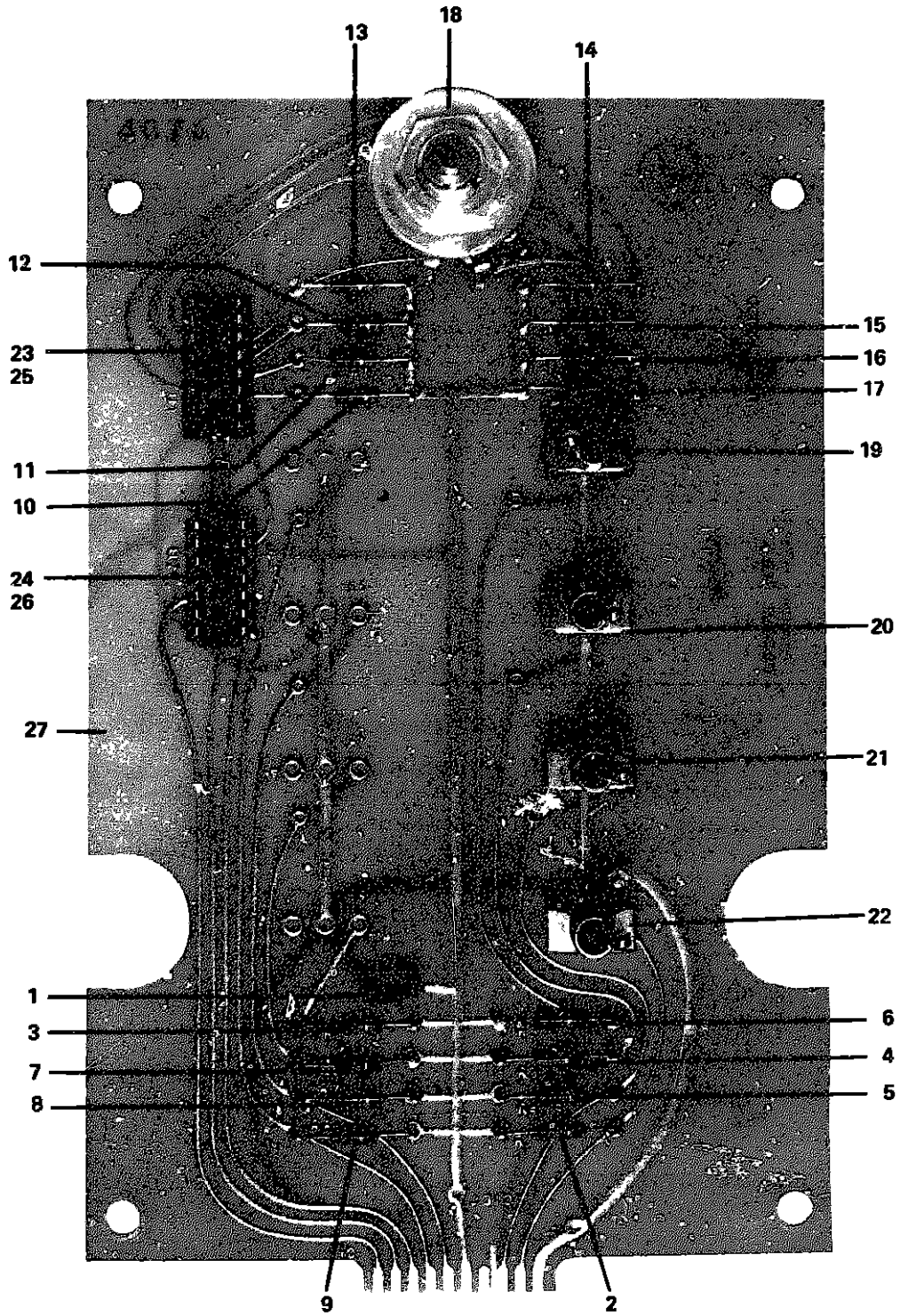


FIGURE 18. FORMAT PANEL CIRCUIT CARD ASSEMBLY 1A6A2A1

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
19	1A642A1	FORMAT PANEL CIRCUIT CARD ASSEMBLY (SEE FIGURE 17-1 FOR NFA)	102206-1	54687	REF	
-1	C1	CAPACITOR, FIXED, CERAMIC, .05 MF, PLUS 80 MINUS 20%, 20 VDC	UK20-503	71590	1	
-2	R1	RESISTOR, FIXED, COMPOSITION, 220 OHMS, 5%, 1/4 W	RCR07G221JS	81349	1	
-3	R2	SAME AS R1			1	
-4	R3	SAME AS R1			1	
-5	R4	SAME AS R1			1	
-6	R5	SAME AS R1			1	
-7	R6	SAME AS R1			1	
-8	R7	SAME AS R1			1	
-9	R8	SAME AS R1			1	
-10	R9	RESISTOR, FIXED, COMPOSITION, 2200 OHMS, 5%, 1/4 W	RCR07G222JS	81349	1	
-11	R10	SAME AS R9			1	
-12	R11	SAME AS R9			1	
-13	R12	SAME AS R9			1	
-14	R13	SAME AS R9			1	
-15	R14	SAME AS R9			1	
-16	R15	SAME AS R9			1	
-17	R16	SAME AS R9			1	
-18	S1	SWITCH, ROTARY, 10-POSITION, SINGLE LEVEL	24878-10N	81073	1	
-19	S2	SWITCH, TOGGLE, SPDT, LOCKING	7101SYCBE	05353	1	
-20	S4	SWITCH, TOGGLE, SPDT, MOMENTARY CONTACT	71C8SYCBE	05353	1	
-21	S6	SAME AS S2			1	
-22	S8	SAME AS S2			1	
-23	U1	MICROCIRCUIT, DIGITAL, PARALLEL- LOAD 8-BIT SHIFT REGISTER	SN74165N	01295	1	
-24	U2	MICROCIRCUIT, DIGITAL, QUAD 2-INPUT POSITIVE-NAND GATE	SN7400N	01295	1	
-25		SOCKET, PLUG-IN ELECTRONIC COMPONENT, 16-PIN	C931602	01295	1	

GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
18						
-26		• SOCKET, FLUG-IN ELECTRONIC COMPONENT, 14-PIN	C931402	01295	1	
-27		PRINTED WIRING BOARD	102205	54687	1	

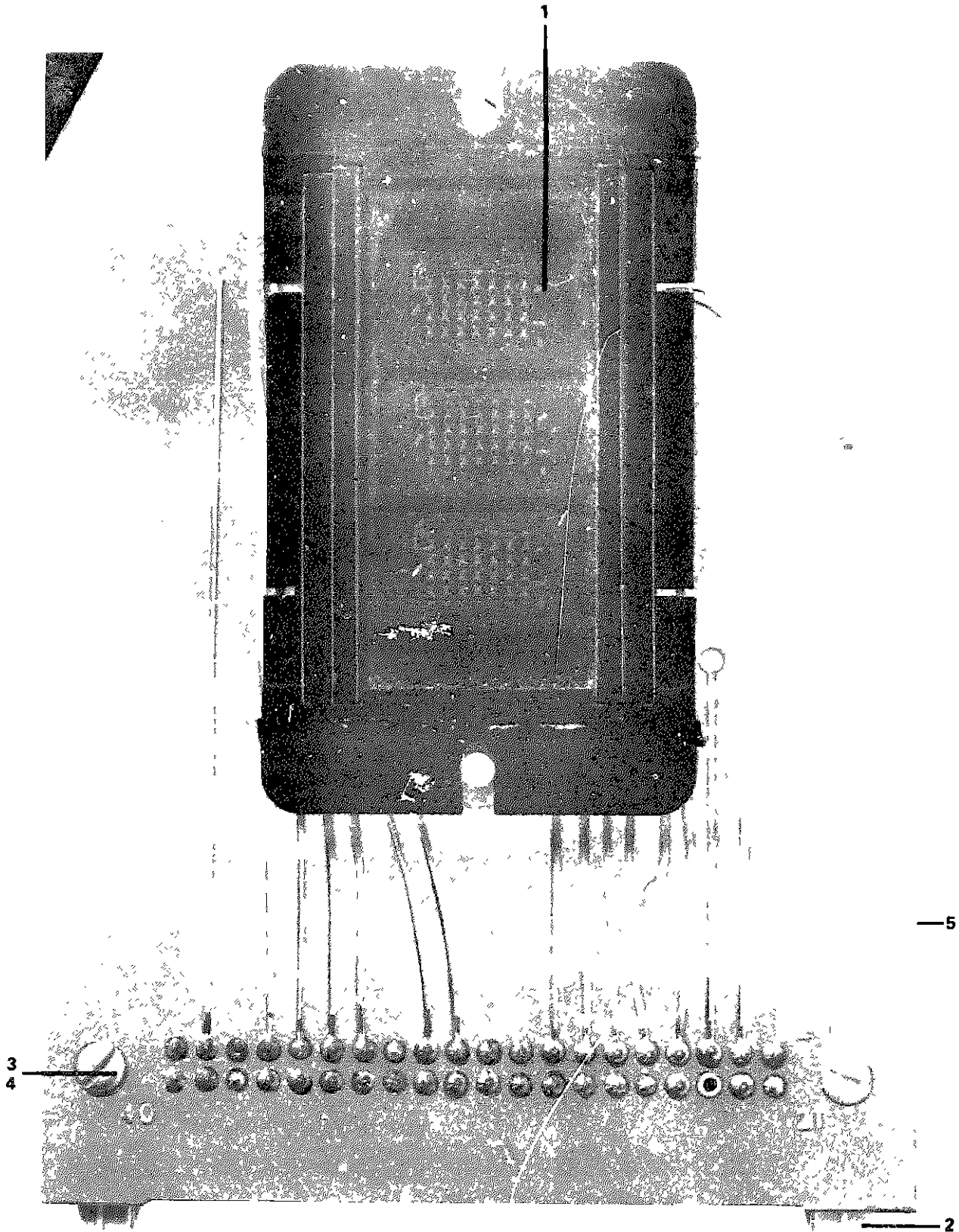


Figure 19. LED Display and Circuit Card Assembly 1A6A

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
19	1A6A3	LED DISPLAY AND CIRCUIT CARD ASSY (SEE FIGURE 14-43 FOR NHA)	102190	54687	REF	
-1		LED DISPLAY	749-0803-001	72619	1	
-2		CONNECTOR, RECEPTACLE, ELECTRICAL, 40-PIN	3432-1002	75037	1	
		(ATTACHING PARTS)				
-3		• SCREW, MACHINE	MS35221-5	96906	2	
-4		NUT, PLAIN, HEX -----*	MS35649-224	96906	2	
-5		• PRINTED WIRING BOARD	102189	54687	1	

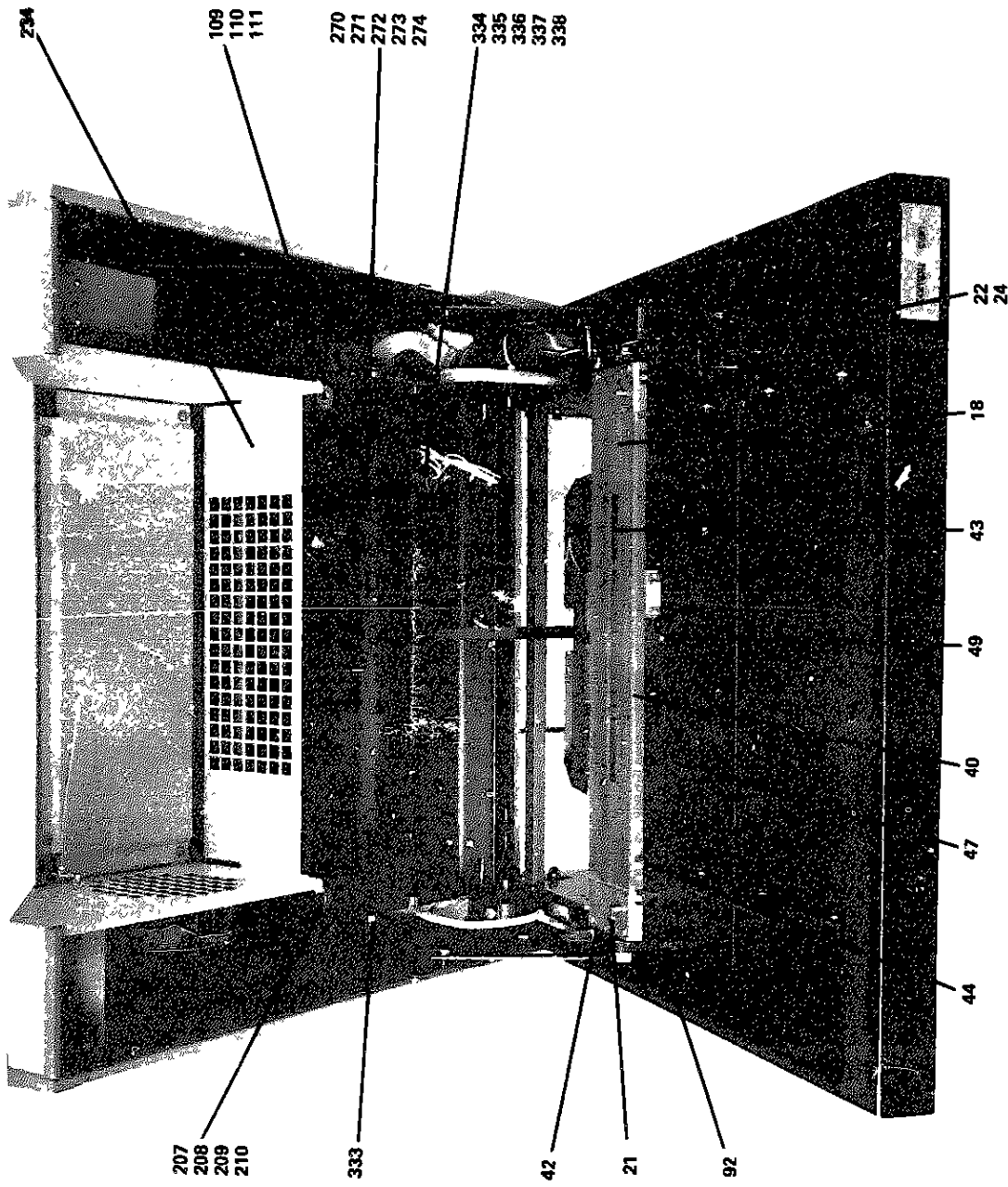


Figure 20. Read Head and Paper Drive Assembly Raised 1A7 (Sheet 1 of 8)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20	1A7	READ HEAD AND PAPER DRIVE ASSEMBLY (SEE FIGURE 1-17 FOR NPA)  (ATTACHING PARTS)	102328-1	54687	REF	
-1		SCREW, CAP, SOCKET HEAD	MS16995-19	96906	4	
-2		WASHER, FLAT	MS27183-5	96906	4	
-3		WASHER, LOCK -----*	MS35335-58	96906	4	
-4		DELETED				
-5		DELETED				
-6		SUPPORT, HOPPER  (ATTACHING PARTS)	102421	54687	1	
-7		SCREW, MACHINE	MS35233-28	96906	2	
-8		WASHER, FLAT -----*	MS27183-5	96906	2	
-8A		BRACKET CABLE	103412	54687	1	
-9	1A7A1	PAPER DRIVE ASSEMBLY  (ATTACHING PARTS)	102103-1	54687	1	
-10		SCREW, CAP, SOCKET HEAD	MS16995-19	96906	4	
-11		WASHER, FLAT	MS27183-5	96906	4	
-12		WASHER, LOCK -----*	MS35335-58	96906	4	
-13		DELETED  (ATTACHING PARTS)				
-14		WASHER, FLAT -----*	MS27183-7	96906	4	
-15	1A7A1A1	SERVO AMPLIFIER ASSY, VERTICAL (SEE FIGURE 21 FOR BKDN)  (ATTACHING PARTS)	101190	54687	1	
-16		SCREW, MACHINE	AN505-4-5	88044	4	
-17		WASHER, FLAT -----*	MS27183-5	96906	4	
-18		LOWER PLATTEN ASSEMBLY	102052	54687	1	
-19		SHAFT, COLLER	CS7	29440	2	



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-20	. .	SCREW, MACHINE	MS35233-28	96906	4	
-21	. . .	GEAR	P32A26-24	29440	2	
-22	. .	GEAR	P32S2B-23	29440	1	
-23	. .	BEARING, BALL, ANNULAR	SFR1883PP	83086	4	
-24	. .	SPACER	SS2-32	29440	1	
-25	. . .	PULLEY, 12 GROOVE	101733-2	54687	1	
-26	. . .	GEAR, IDLER	102051	54687	1	
		(ATTACHING PARTS)				
-27	. . .	WASHER, LOCK	MS35335-58	96906	4	
-28	. . .	SCREW, MACHINE -----*	MS51959-32	96906	2	
-29	. . .	GEAR	P32D28X64	29440	1	
-30	. . .	BEARING, BALL, ANNULAR		83086	2	
-31	. . .	SHAFT		54687	1	
-32	. .	ADAPTER		54687	1	
		(ATTACHING PARTS)				
-33	. .	SCREW, MACHINE	MS51959-32	96906	2	
-34	. . .	WASHER, FLAT	5702-208-015	86928	2	
-35	. . .	WASHER, LOCK -----*	MS35338-136	96906	2	
-36	. . .	MOUNT	102050	54687	1	
-37	. .	PIN, SPIRAL	5-64X1-2MCP	00287	1	
-38	. .	RING, RETAINING	MS16632-4025	96906	1	
-39	. . .	WASHER, FLAT, CRES	5710-52-10	86928	1	
-40	. .	PLATTEN, LOWER	102053	54687	1	
-41		INSERT	3585-060N0207	01556	8	
-42	. .	ADAPTER, BEARING	102059	54687	1	
-43	. .	ROLLER, LOWER	102060-1	54687	2	
-44	. .	PIN, DOWEL	102481	54687	2	
-45	. .	PIN, SPIRAL	5-64X1-2MCP	00287	6	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-47	. .	PLATE, BASE	102055	54687	1	
-48	. . .	SCREW, MACHINE	MS24693-274	96906	14	
-49	. . .	INSERT, THREADED	1185-4CN02050	01556	1	
-50	. .	INSERT, THREADED	3585-06CN0207	01556	25	
-51	. .	INSERT, THREADED	3591-3CN0285	01556	4	
-52	. . .	PIN	9Y31-0424	14519	2	
-53	. .	CONNECTOR, ASSY, STACK FEEDFR	102379	54687	1	
-54	. .	CONNECTOR, RECEPTACLE, ELEC	CA15SF179	71785	1	
		(ATTACHING PARTS)				
-55	. . .	SCREW, MACHINE	MS35221-2	96906	2	
-56		WASHER, LOCK -----*	MS35338-39	96906	2	
-57	.	SPACER	102433	54687	1	
-58	. .	PRINTED WIRING BOARD	102378	54687	1	
		(ATTACHING PARTS)				
-59		SCREW, MACHINE	MS35221-2	96906	2	
-60	. . .	WASHER, FLT, NYL -----*	5610-13	86928	2	
-61	. .	ENCODER ASSY	102476	54687	1	
-62	.	GEAR, BACKLASH	AC32R50	29440	1	
-63	. . .	CLAMP, GEAR	CG1-11A	29440	1	
-64	.	PLATE, MOUNTING	101833	54687	1	
-65	. .	CONVERTER, A/D	102480	54687	1	
		(ATTACHING PARTS)				
-66	. . .	SCREW, MACHINE	MS35233-13	96906	4	
-67	.	WASHER, FLAT	MS27183-3	96906	4	
-68	. .	WASHER, LOCK -----*	MS35338-135	96906	4	
-69		BELT DRIVE ASSY, VERTICAL	102768	54687	1	

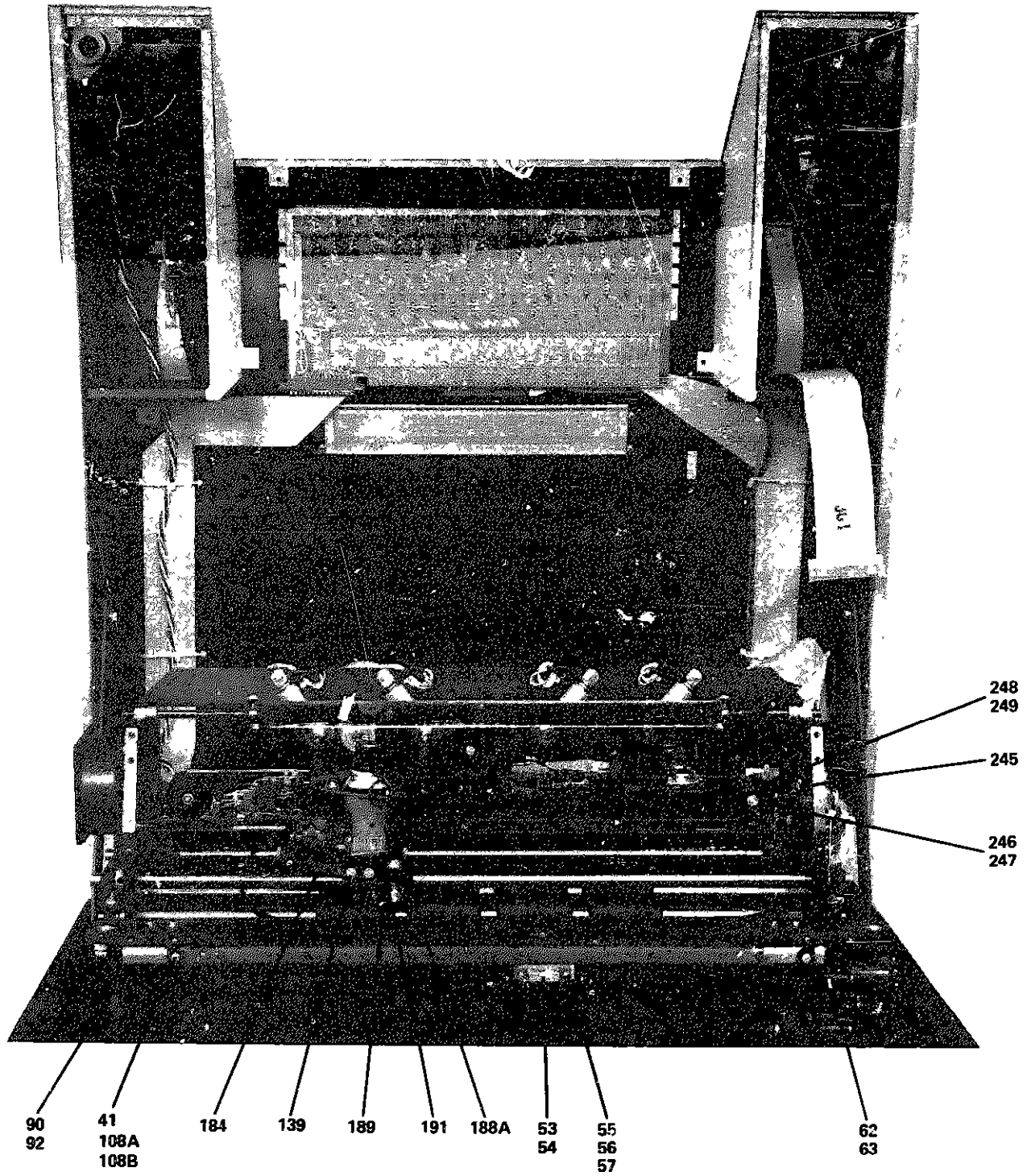


Figure 20. Read Head and Paper Drive Assembly Front 1A (Sheet 2 of 8)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-70	• •	MOTOR, TACH (ATTACHING PARTS)	35-001	00156	1	
-71	•	SCREW, CAP, SOCKET HEAD	MS16996-12	96906	4	
-72	•	WASHER, FLAT	MS27183-8	96906	4	
-73	• •	WASHER, LOCK -----*	MS35338-138	96906	4	
-74	•	PULLEY, 48 GROOVE	RL3124-2	14519	1	
-75	•	BEARING, SLEEVE	SFR63PPD	83086	2	
-76	• •	PIN, SPIRO	1-8X3-4HBS	00287	3	
-77		SUPPORT, MOTOR (ATTACHING PARTS)	102468	54687	1	
-78	•	SCREW, MACHINE	MS16996-12	96906	2	
-79	•	WASHER, LOCK -----*	MS35338-138	96906	2	
-80	•	SUPPORT, PULLEY	102469	54687	1	
-81	•	INSERT THREADFC (ATTACHING PARTS)	3858-2CN0246	01556	4	
-82	• •	SCREW, MACHINE	MS35221-45	96906	4	
-83		WASHER, FLAT -----*	5702-66-030	86928	4	
-84		SHAFT	102766	54687	1	
-85	• •	BRACKET (ATTACHING PARTS)	102767	54687	1	
-86	• •	SCREW, CAP, SOCKET HEAD	MS16996-12	96906	4	
-87		WASHER, FLAT -----*	MS27183-8	96906	4	
-87A		INSERT, THREADFC	3591-3CN0285	01556	2	
-88	• •	RING, RETAINING	5133-37	79136	1	
-89		PULLEY, 15 GROOVE	6A3-15DF03712	00328	1	
-90	•	PULLEY, TIMING	6A3-16DF03708	14519	1	

GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-91		. BELT, TIMING, GROoved	6R3-070-037	145.9	1	
-92		. . . BELT, TIMING, GROoved	134XL037	71176	1	
-93	TB105	. . TERMINAL BOARD, 4-BARRIER (ATTACHING PARTS)	351-11-04-001	71785	1	
-94		. . SCREW, MACHINE	MS35221-17	96906	2	
-95		WASHER, LOCK	MS35338-135	96906	2	
-96		. WASHER, FLAT ---*---	MS27183-3	96906	2	
-97	TB107	. . TERMINAL BOARD, 5-BARRIER (ATTACHING PARTS)	353-12-05-001	71785	1	
-98		. . SCREW, MACHINE	MS35233-31	96906	2	
-99		. . WASHER, FLAT	MS27183-5	96906	2	
-100		. . WASHER, LOCK ---*---	MS35338-136	96906	2	
-101	TB110	. . TERMINAL BOARD, 6-BARRIER (ATTACHING PARTS)	353-12-06-001	71785	1	
-102		. SCREW, MACHINE	MS35233-31	96906	2	
-103		. . WASHER, FLAT	MS27183-5	96906	2	
-104		. WASHER, LOCK ---*---	MS35338-136	96906	2	
-105		. CONNECTOR, RECEPTACLE, ELECTRICAL (ATTACHING PARTS)	78R58	00779	1	
-106		. . SCREW, MACHINE	MS35233-28	96906	2	
-107		. . WASHER, FLAT ---*---	MS27183-5	96906	2	
-108	1A7A2	. READ HEAD ASSEMBLY	102180-1	54687	1	
-108A		. LATCH, CRS, .093 THK (ATTACHING PARTS)	102330	54687	2	
-108B		. SCREW, MACHINE ---*---	MS35233-28	96906	2	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-109		. SPACER, .010 THK	102606-1	54687	AR	
-110		SPACER, .020 THK	102606-2	54687	AR	
-111		. SPACER, .031 THK	102606-3	54687	AR	
-111A	1A7A2A1	. . SERVO AMPLIFIER ASSY, HORIZ (SEE FIGURE 21 FOR BKDN)  (ATTACHING PARTS)	101190	54687	1	
111B		. SCREW, MACHINE	MS35221-27	96906	4	
-111C		. WASHER, FLAT -----*	MS27183-5	96906	4	
-111D	1A7A2A2	. READ HEAD OPTICAL ASSY	102010	54687	1	
-112	1A7A2A2A1	. . CYT CD ASSY, READ HD ANALOG (SEE FIGURE 22 FOR BKDN)  (ATTACHING PARTS)	102923	54687	1	
-113		. SCREW, MACHINE	MS35233-13	96906	3	
-114		. WASHER, LOCK	MS35338-40	96906	3	
-115		. SCREW, MACHINE -----*	MS35233-2	96906	2	
-116	TB106	. TERMINAL BOARD, 10-BARRIER  (ATTACHING PARTS)	10-140	71785	1	
-117		. . SCREW, MACHINE	MS35233-29	96906	2	
-118		. . . WASHER, FLAT -----*	MS27183-7	96906	2	
-119	TB108	. . TERMINAL BOARD, 4-BARRIER  (ATTACHING PARTS)	4-171	71785	1	
-120		. . SCREW, MACHINE	MS35233-6	96906	2	
-121		. . . WASHER, FLAT -----*	MS27183-2	96906	2	
-121A		. CAPACITOR, FIXED, CERAMIC, .05MF +80-20%, 20 VDC	UK20-503	71590	1	
-122	TB109	. TERMINAL BOARD, 4-BARRIER  (ATTACHING PARTS)	4-171	71785	1	
-122A		. . . SCREW, MACHINE	MS35233-6	96906	2	

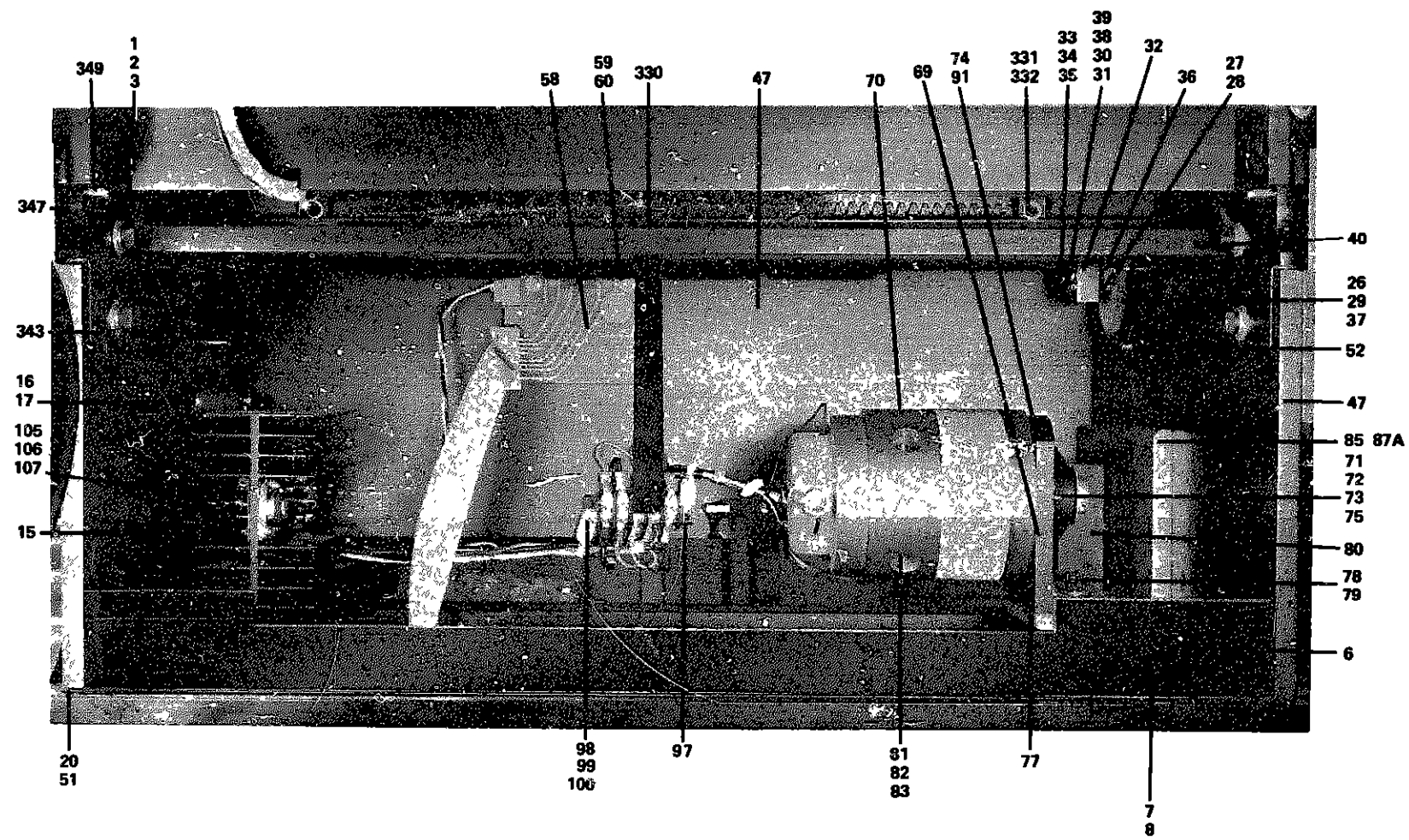


Figure 20. Paper Drive Assembly Vertical Servo 1A7A1 (Sheet 3 of 8)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-122B	.	WASHER, FLAT -----*	MS27183-2	96906	2	
-123	.	BUMPER, RUBBER	102306	54687	2	
-124	.	LAMP, INCANDESCENT, AUTO	93	08807	4	
-125	.	LAMP, INCANDESCENT	ELT	88204	1	
-126	.	SPRING, HLCL, COMPRESSION (ATTACHING PARTS)	LC045E10MW	84830	1	
-127	.	NUT, HEX, SELF LOCKING, 5-40	79NM50	72962	2	
-128	.	HOUSING, SPRING -----*	101778	54687	1	
-129	.	FAN, VENT (ATTACHING PARTS)	SP2A2	82877	1	
-130	.	SCREW, CAP, SOCKET HD	MS16995-17	96906	4	
-131	.	WASHER, FLAT -----*	MS27183-5	96906	4	
-132	.	BEARING, BALL, ANNULAR (ATTACHING PARTS)	SR33PPEEK28/66	83086	2	
-133	.	SCREW, MACHINE	MS35234-66	96906	1	
-134	.	SCREW, MACHINE	MS16996-12	96906	1	
-135	.	WASHER, FLAT	MS27183-8	96906	2	
-136	.	NUT, PLAIN, HEX	MS25082C12	96906	2	
-137	.	RING, RETAINING	5105-18	79130	1	
-138	.	SPRING, HLCL, EXT -----*	LE031C001SS	84830	1	
-139	.	BALL PLUNGER	SSB52N	98496	1	
-140	.	BALL BUSHING	SUPER6	59870	2	
-141	.	SEAL	5375	59870	2	
-142	.	SOCKET, LAMP (ATTACHING PARTS)	10-08	95263	4	
-143	.	SCREW, MACHINE	MS35233-28	96906	4	



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-144	. .	WASHER, FLAT	MS27183-5	96906	4	
-145	. .	WASHER, LOCK	MS35338-136	96906	4	
-146	. . .	NUT, PLAIN, HEX -----*	MS35649-262	96906	4	
-147	. .	EMITTER-DETECTOR ASSY  (ATTACHING PARTS)	100919	54687	2	
-148	. .	BRACKET, MOUNTING, EMITTER- DETECTOR	101688	54689	2	
-149	. .	SCREW, MACHINE	MS35221-33	96906	4	
-150	. .	WASHER, FLAT	MS27183-3	96906	4	
-151	. .	WASHER, LOCK -----*	MS35338-135	96906	4	
-152		DELETED				
-153		DELETED				
-154		DELETED				
-155	. .	SUPPORT, READ HEAD  (ATTACHING PARTS)	101644	54687	1	
-156	. .	SCREW, MACHINE, BCARD TILT ADJ	MS35233-13	96906	3	
-157	. . .	WASHER, FLAT	MS27183-3	96906	3	
-158	. .	WASHER, LOCK -----*	MS35338-135	96906	3	
-159	. .	FIBER OPTICS ASSY  (ATTACHING PARTS)	101654	54687	1	
-160	. .	SCREW, MACHINE	MS35221-17	96906	2	
-161	. .	WASHER, FLAT	MS27183-3	96906	2	
-162	. . .	WASHER, LOCK -----*	MS35338-135	96906	2	
-163	. .	DELETED				
-164	. . .	HOUSING, FIBER OPTICS	101655	54687	1	
-164A	. . . .	SPACER, FIBER OPTICS	102492	54689	1	
-165	. . .	BRACKET	101655-1	54687	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-166		. . . BRACKET (ATTACHING PARTS)	101655-2	54687	1	
-167		. . . SCREW, MACHINE	101655-5	54687	2	
-168		. . . . NUT, PRESSED, SPECIAL -----*	FE4-40	47348	2	
-169		. . . BUSHING	101655-3	54687	1	
-170		. . . HOLDER (ATTACHING PARTS)	101655-4	54687	1	
-171		. . . . SCREW, MACHINE -----*	AN505-2-4	88044	2	
-172		. . . BASE, LAMP HOLDER	101658	54687	1	
-173		. . . CABLE ASSY (ATTACHING PARTS)	101659	54687	2	
-174		. . . NUT, HEX -----*	79NM450	72962	2	
-175		. . . BRACKET, PULLEY (ATTACHING PARTS)	101660	54687	2	
-176		. . . SCREW, MACHINE	MS35233-28	96906	4	
-177		. . . WASHER, FLAT -----*	MS27183-5	96906	4	
-178		. . . BRACKET	101661	54687	1	
-179		. . . READ HEAD HOUSING ASSY	101666	54687	1	
-180		. . . SHAFT (ATTACHING PARTS)	102108	54687	1	
-181		. . . RING, RETAINING -----*	5133-9H	79136	2	
-181A		. . . SPACER	103721	54087	1	
-182		. . . INSERT, THD	3585-04CN0L12	01556	1	
-183		. . . INSERT, THD	3585-06CN0345	01556	1	
-184	1A7A2A3	. . . READ HEAD CARRIAGE ASSY (ATTACHING PARTS)	102009	54687	1	
-185		. . . THUMBSCREW	4018	00141	2	

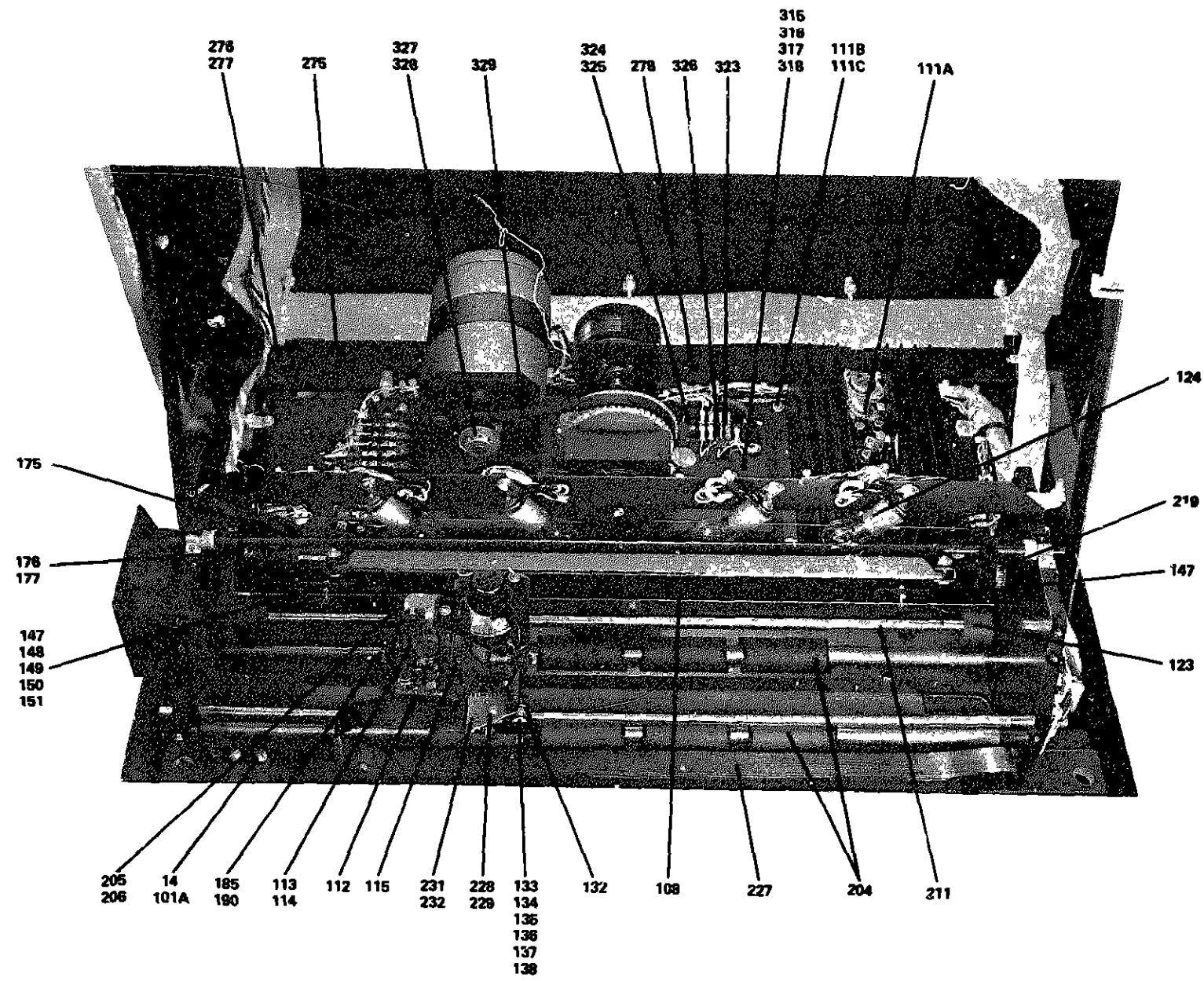


Figure 20. Read Head and Paper Drive Assembly 1A7 (Sheet 4 of 8)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-186	.	SCREW, MACHINE, SPECIAL	101777	54687	1	
-187	.	WASHER, FLAT -----*	MS27183-5	96906	1	
-188	.	SPRING, HLCL, COMPRESSION	LC026C9MW	84830	1	
-188A	.	CARRIAGE	101676	54687	1	
-189	.	PIN, DOWEL	28420-1875813	50394	1	
-190	.	INSERT, T-D	3585-06CN0276	01556	2	
-191	.	PIN, SPRING, 3/32 DIA X 25 LG	9Y35-03-08	14519	2	
-192	.	RETAINER, LAMP  (ATTACHING PARTS)	101677	54687	1	
-193	.	SCREW, MACHINE	MS35233-14	96906	3	
-194	.	WASHER, LOCK	MS35338-135	96906	3	
-195	.	WASHER, FLAT -----*	MS27183-3	96906	3	
-196	.	SPACER	101678	54687	1	
-197	.	BRACKET, CARRIAGE REVERSING  (ATTACHING PARTS)	101679	54687	1	
-198	.	SCREW, MACHINE	MS35233-14	96906	2	
-199	.	WASHER, FLAT	MS27183-3	96906	2	
-200	.	WASHER, LOCK -----*	MS35338-135	96906	2	
-201	.	HOUSING, LENS	101684	54687	1	
-201A	.	LENS, OPTICAL	102489	54687	1	
-201B	.	SET SCREW	Y5K256	00141	2	
-202	.	PIN, STRAIGHT HEADLESS	9x31-0308	14519	2	
-203	.	BRACKET, LENS HOUSING	101686	54687	1	
-204	.	ROLLER, UPPER	101685	54687	2	
-205	.	PLATE, RETAINING, BUSHING  (ATTACHING PARTS)	101701	54687	2	
-206	.	SCREW, MACHINE -----*	AN505-4-5	88044	4	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-207		PLATE, THREADED INSERT (ATTACHING PARTS)	101756	54687	2	
-208	.	SCREW, MACHINE	MS35233-29	96906	4	
-209	. .	WASHER, FLAT	MS27183-5	96906	4	
-210	.	WASHER, LOCK -----*	MS35339-136	96906	4	
-211	. .	RAIL, READ HEAD	101775	54687	1	
-212	. .	SUPPORT, MIRROR, REAR	101808	54687	2	
-212A	. .	PACKING, PREFORMED (ATTACHING PARTS)	102180-86	54687	AR	
-213	. .	SCREW, MACHINE	MS35221-18	96906	4	
-214	. .	WASHER, FLAT	MS27183-3	96906	2	
-215	.	WASHER, LOCK	MS352338-135	96906	2	
-216	. .	NUT, HEX -----*	MS35649-264	96906	2	
-217	.	SHAFT, SUPPORT, MIRROR	101809	54687	1	
-217A	. . .	COLLAR, SHAFT	7C2-11608	14519	1	
-217B	.	CLAMP, SHAFT	139	79963	1	
-218	. .	MIRROR	101810-1	54687	1	
-219		HANDLE, MIRROR ADJ (ATTACHING PARTS)	101824	54687	1	
-220	.	SCREW, CAP, SOCKET HEAD -----*	MS16995-19	96906	1	
-221	. .	MIRROR	101810-2	54687	1	
-222	. .	SUPPORT, MIRROR, FRONT	101835	54687	2	
-223	.	PACKING, PREFORMED (ATTACHING PARTS)	102180-86	54687	AR	
-224	. .	SCREW, MACHINE	MS35221-18	96906	4	
-225	.	WASHER, LOCK	MS35338-135	96906	2	
-226	. .	NUT, HEX -----*	MS35649-264	96906	2	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-227	. .	CABLE ASSY (ATTACHING PARTS)	101933	54687	1	
-228	. . .	SCREW, MACHINE	MS35221-16	96906	3	
-229	. . .	WASHER, FLAT -----*	MS27183-3	96906	3	
-230	. .	CONNECTOR, RECEPTACLE, ELEC	3428-20	75037	1	
-231	. . .	TERMINAL	61134-1	00779	2	
-232	. . .	CONTACT, FEMALE	85861-2	00779	12	
-233	. . .	CONTACT, ELECTRICAL	831	79963	4	
-234	. .	COVER, ACCESS, READ HEAD (ATTACHING PARTS)	102105	54687	1	
-235	. . .	SCREW, MACHINE	MS51957-43	96906	4	
-236	. . .	WASHER, FLAT -----*	MS27183-7	96906	4	
-237	. . .	HOUSING REFLECTOR (ATTACHING PARTS)	102106	54687	1	
-238	. .	NUT, PRESSED 4-40	1A5440-2	46384	2	
-239	. . .	SCREW, MACHINE	MS35233-12	96906	2	
-240	. .	WASHER, FLAT	MS27183-3	96906	2	
-241	. .	WASHER, LOCK -----*	MS35338-135	96906	2	
-242	. .	BRACE, SIDE (ATTACHING PARTS)	102109	54687	1	
-243	. .	SCREW, CAP, SOCKET HEAD	MS16995-26	96906	4	
-244	. .	WASHER, LOCK -----*	MS35335-59	96906	4	
-245	. .	PULLEY ASSEMBLY (ATTACHING PARTS)	102110	54687	2	
-246	. .	SCREW, MACHINE	MS35236-64	96906	2	
-247	. . .	NUT, PLAIN, HEX -----*	MS25082C12	96906	2	

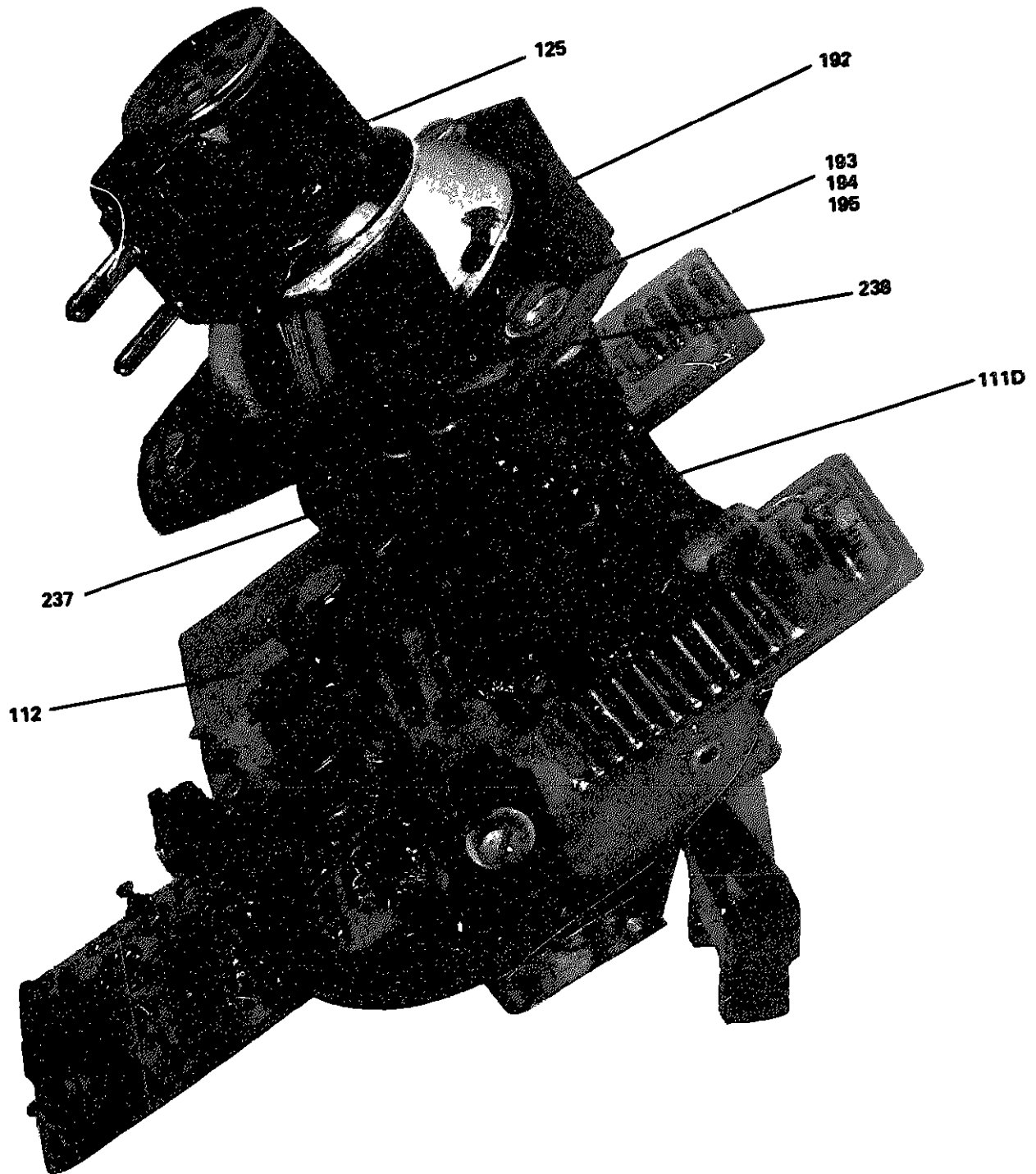


Figure 20. Read Head Optical Assembly 1A7A2A2 (Sheet 5 of 8)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-248		BEARING, BALL, ANNULAR	SR33PPEE	83086	2	
-249	. . .	PULLEY, ONE GROOVE	101652	54687	2	
-250	. . .	PULLEY, ASSEMBLY	102111	54687	1	
		(ATTACHING PARTS)				
-251	. . .	SCREW, SHOULDER	102139	54687	1	
-252		NUT, PLAIN, HEX ---*---	79NM62	72962	1	
-253		BEARING	SFR33PPEE	83086	1	
-254	. . .	BEARING, SLEEVE	SR33PPEE	83086	1	
-255	. . .	PULLEY, 2 GROOVE	101653	54687	1	
-256	. . .	ROLLER, LIFTING MECHANISM (MATCHED SET)	102125-1	54687	1	
-257	. . .	PLATE, SIDE, LH	102126-1	54687	1	
-258	. . .	INSERT, THD	3585-06CN0276	01556	17	
-259	. . .	INSERT, THD	3585-2CN0246	01556	5	
-260	. . .	INSERT, THD	3585-4CN0250	01556	3	
-261	. . .	PLATE, SIDE, RH	102126-2	54687	1	
-262	. . .	INSERT, THD	3585-04CN0224	01556	3	
-263	. . . .	INSERT, THD	3585-06CN0276	01556	11	
-264	. . . .	INSERT, THD	3585-2CN0246	01556	5	
-265	. . .	INSERT, THD	3585-4CN0250	01556	3	
-266	. . .	CHANNEL ASSY	102127	54687	1	
-267	. . .	DELETED				
		(ATTACHING PARTS)				
-268	. . .	DOWEL PIN, 1/8 X 3/4 LG ---*---	MS9390-200	96906	4	
-269	. . .	INSERT, THD	1191-3CN0285	01556	4	
-270		PLATTEN, UPPER	102130	54687	1	
-271	. . .	INSERT, THD	3585-2CN0328	01556	2	
-272	. . .	INSERT, THD	3585-04CN0168	01556	6	
-273	. . . .	INSERT, THD	3565-2CN0246	01556	2	



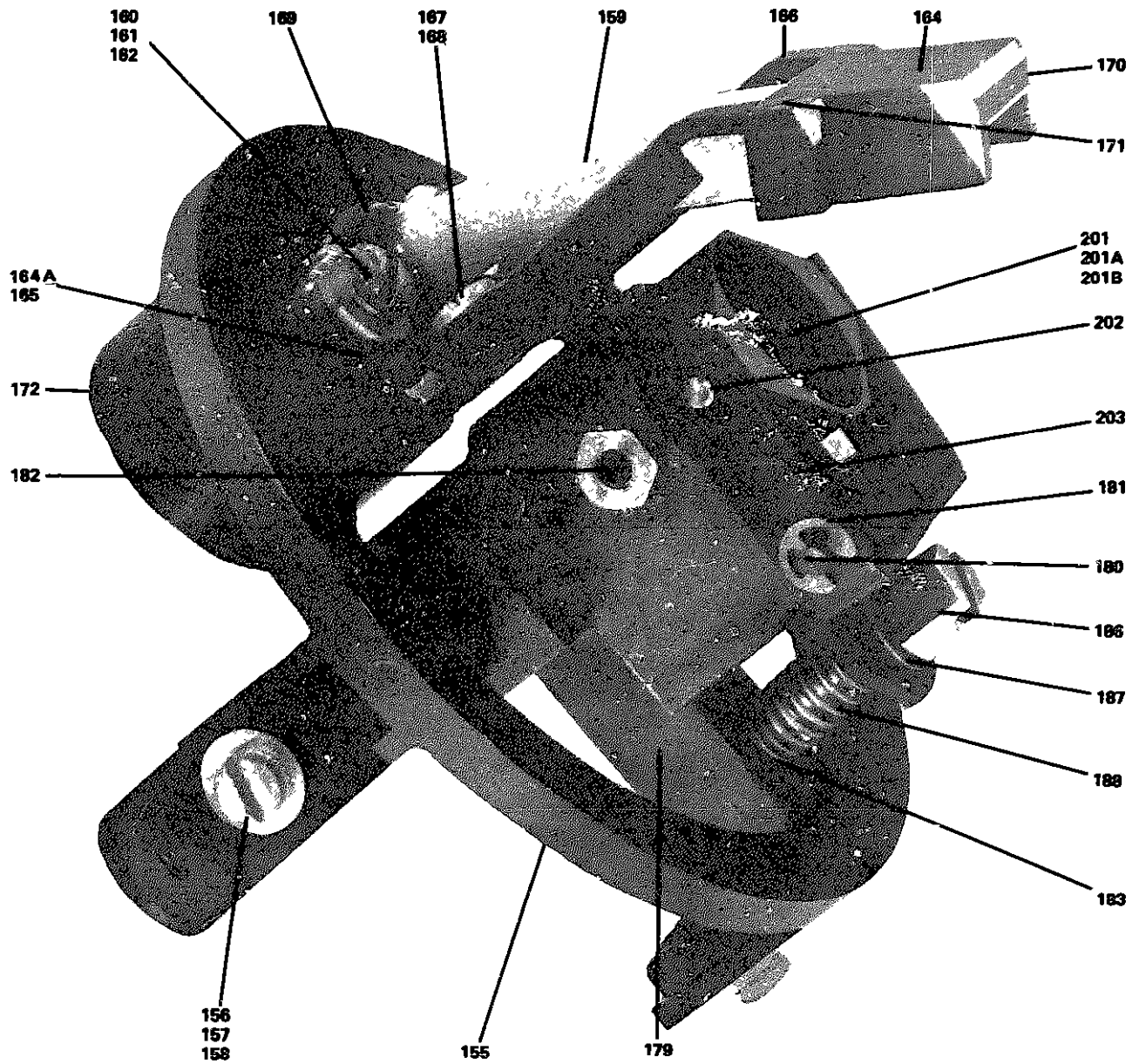


Figure 20. Read Head Optical Assembly Read Head Support 1A7A2A2 (Sheet 6 of 8)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-274	• • • •	PIN, DOWEL	28420-187A8	50394	2	
-275	•	BRACE ASSY, HINCE (ATTACHING PARTS)	102132	54687	1	
-276	• •	SCREW, CAP, SOCKET HEAD	MS16995-27	96906	4	
-277	•	WASHER, FLAT -----*	MS27183-7	96906	4	
-278	•	BRACE	102132-1	54687	1	
-279	•	BRACKET, HINGE	102339	54687	2	
-280	•	HINGE, RH	102354-1	54687	1	
-281	• • •	HINGE, LH (ATTACHING PARTS)	102354-2	54687	1	
-282	• • •	SCREW, CAP, SOCKET HEAD	MS16995-27	96906	2	
-283	• • •	WASHER, LOCK -----*	MS35338-137	96906	2	
-284	• •	ROLL PIN	MS9390-220	96906	2	
-285	•	BRACKET, ANGLE, LAMP SUPPORT (ATTACHING PARTS)	102131	54687	1	
-286	•	SCREW, MACHINE	MS35233-28	96906	2	
-287	•	WASHER, FLAT -----*	MS27183-5	96906	2	
-288	• •	POINTER, METALLIC, RED (ATTACHING PARTS)	102137	54687	1	
-289	•	SCREW, MACHINE	MS35233-14	96906	2	
-290	•	WASHER, FLAT	MS27183-3	96906	2	
-291	• •	WASHER, LOCK -----*	MS35338-135	96906	2	
-292	•	BELT DRIVE ASSY, HORIZONTAL (ATTACHING PARTS)	102472	54687	1	
-293	•	SCREW, CAP, SOCKET HEAD	MS16995-27	96906	4	
-294	•	WASHER, FLAT -----*	MS27183-7	96906	4	

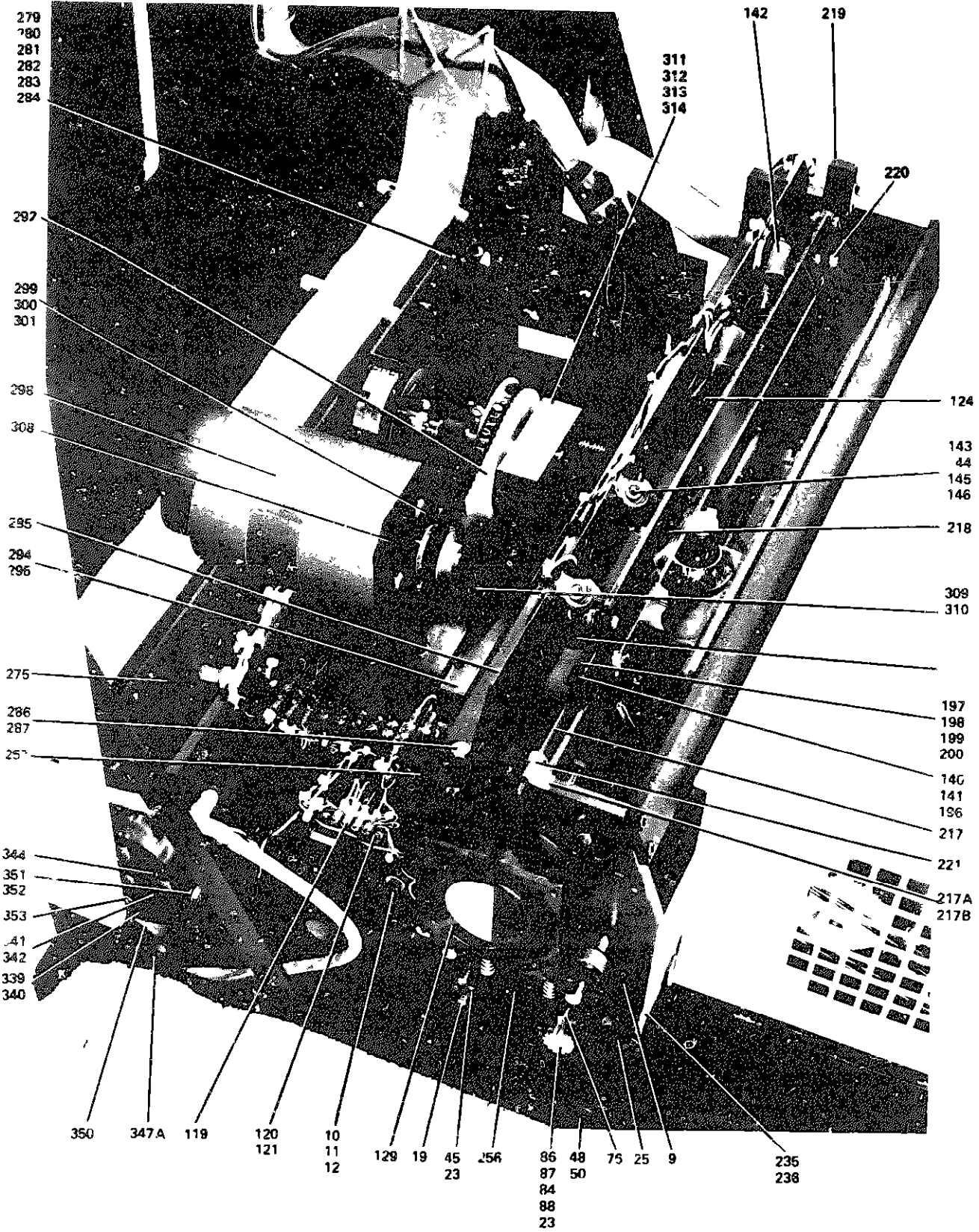


FIGURE 1. EXPLODED VIEW OF THE ASSEMBLY (15)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-295		. . SHIM	B-12-1-2	00141	AR	
-296		. . . COUPLING, SHAFT, FLEXIBLE (ATTACHING PARTS)	C014-3	29440	1	
-297		. SET SCREW -----*	MS18064-11	96906	4	
-298		. MOTOR AND TACH ASSY (ATTACHING PARTS)	MT3509-05	16858	1	
-299		. SCREW, CAP, SOCKET HEAD	MS16996-12	90906	4	
-300		. . WASHER, FLAT	MS27183-8	96906	4	
-301		. WASHER, LOCK -----*	MS35338-138	96906	4	
-302		. . PULLEY, 48-GROOVE (ATTACHING PARTS)	RL3124-2	14519	1	
-303		. PIN, SPIROL -----*	1-8X3-4HBS	00287	1	
-304		. . BEARING	SFR63PPD	83086	2	
-305		. . DRUM (ATTACHING PARTS)	101651	54687	1	
-306		. PIN, SPIROL -----*	1-8X3-4H S	00287	1	
-307		. SHAFT	102467	54687	1	
-308		. SUPPORT, MOTOR (ATTACHING PARTS)	102468	54687	1	
-309		. . SCREW, CAP, SOCKET HEAD	MS16996-12	96906	2	
-310		. WASHER, FLAT -----*	MS27183-8	96906	2	
-311		. SUPPORT, PULLEY AND DRUM (ATTACHING PARTS)	102469	54687	1	
-312		. . SCREW, CAP, SOCKET HEAD	MS16996-26	96906	4	
-313		. . WASHER, FLAT	5702-66-030	86928	4	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-314	. . . .	INSERT, THD	3585-2CN0246	01556	4	
-315	. . . .	PLATE, READ HEAD BASE	102470	54687	1	
-316	. . . .	INSERT, THD	3585-02CNO172	01556	2	
-317	. . . .	INSERT, THD	3585-2CN0246	01556	8	
-318	. . . .	INSERT, THD	3591-3CN0285	01556	2	
-319	. . . .	ENCODER	102480	54687	1	
-320	. . . .	BRACKET, SUPPORT, ENCODER (ATTACHING PARTS)	102485	54687	1	
-321	. . . .	SCRFW, MACHINE	MSS1957-43	96906	4	
-322	. . . .	WASHER, FLAT -----*	MS27183-7	96906	4	
-323	. . . .	TERMINAL, BCARD (ATTACHING PARTS)	4-171	71785	1	
-324	. . . .	SCREW, MACHINE	MS35221-6	96906	2	
-325	. . . .	WASHER, FLAT -----*	MS27183-3	96906	2	
-326	. . . .	CAPACITOR, FIXED CFRAMIC, +80-20%, 20 VDC	UK20-503	71590	1	
-327	. . . .	PULLEY, TIMING, 15-GROOVE (ATTACHING PARTS)	6A3-15DF03712	14519	1	
-328	. . . .	PIN, SPIROL -----*	1-8X3-4HBS	00287	1	
-329	. . . .	BELT, PCS, I, IVE DRIVE	6R3-070-037	14519	1	
-330	. . . .	TINSEL ASSY (ATTACHING PARTS)	60-354A	00494	1	
-331	. . . .	SCREW, CAP, SOCKET HEAD	MS51957-45	96906	2	
-332	. . . .	WASHER, FLAT -----*	MS27183-7	96906	2	
-333	. . . .	COLLAR, SHAFT	7C2-12412	14519	4	
-334	. . . .	SOCKET, OCTAL (ATTACHING PARTS)	7BRS8	02660	1	
-335	. . . .	SCREW, MACHINE	MS35233 28	96906	2	

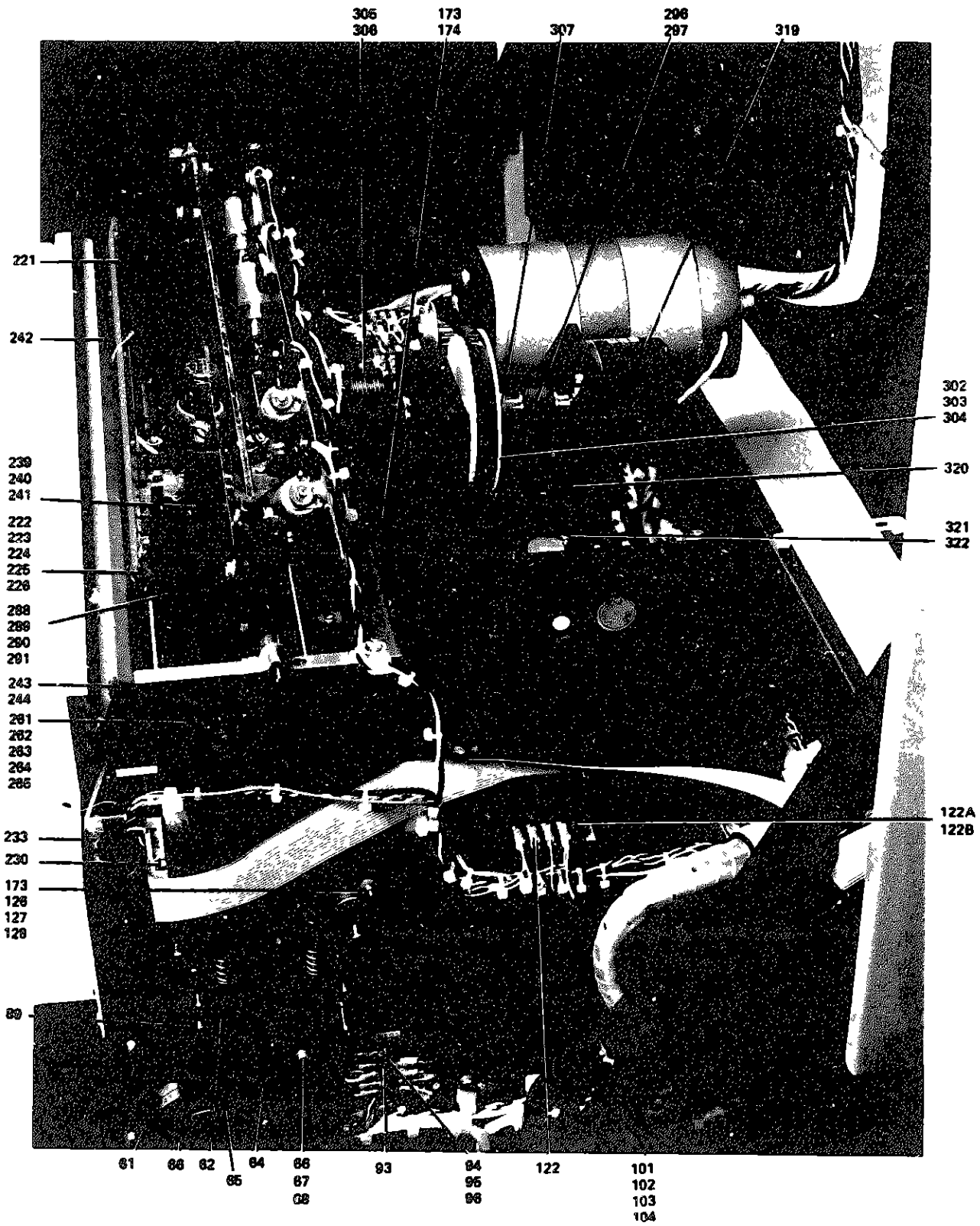


Figure 20. Head and Paper Drive Assembly Right Side (Sheet 8 of 8)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
20						
-336	• •	WASHER, FLAT	MS27183-5	96906	2	
-337	• •	WASHER, LOCK	MS35338-136	96906	2	
-338	• •	NUT, PLAIN, HEX ---*---	MS35649-262	96906	2	
-339	•	SPRING PIVOT ASSY	101822-1	54687	1	
-340	•	SPRING PIVOT ASSY (ATTACHING PARTS)	101822-2	54687	1	
-341	•	SCREW, CAP, SOCKET HEAD	MS16995-54	96906	6	
-342	•	WASHER, FLAT	MS27183-10	96906	6	
-343	•	PIN, DOWEL, 3/16 DIA X 1/4 LG	28420-187A12	50394	4	
-344	•	PIN, DOWEL, 3/16 DIA X 1/4 LG ---*---	28420-187A20	50394	4	
-345		DELETED				
-346	• •	SCREW, SHOULDER, 3/16 CX 1 LG	12705N50160	50394	2	
-347	•	SUPPORT, SPRING PIVCT	102077	54687	2	
-347A	• • •	BEARING	GB66	60380	2	
-348	• •	DRUM, SPRING PIVCT (ATTACHING PARTS)	102078	54687	2	
-348A	• •	SCREW MACHINE ---*---	MS16995-28	96906	2	
-349	• • •	PIN DOWEL	28420-375A28	50394	2	
-350	• •	SPRING (ATTACHING PARTS)	102353	54687	30	
-351	• •	SCREW MACHINE	MS35233-63	96906	2	
-352	• •	WASHER FLAT ---*---	MS27183-8	96906	2	
-353	• • •	INSERT THD	3585-40N0250	01556	2	
-354	• •	BEARING SLEEVE	784P030	14519	2	

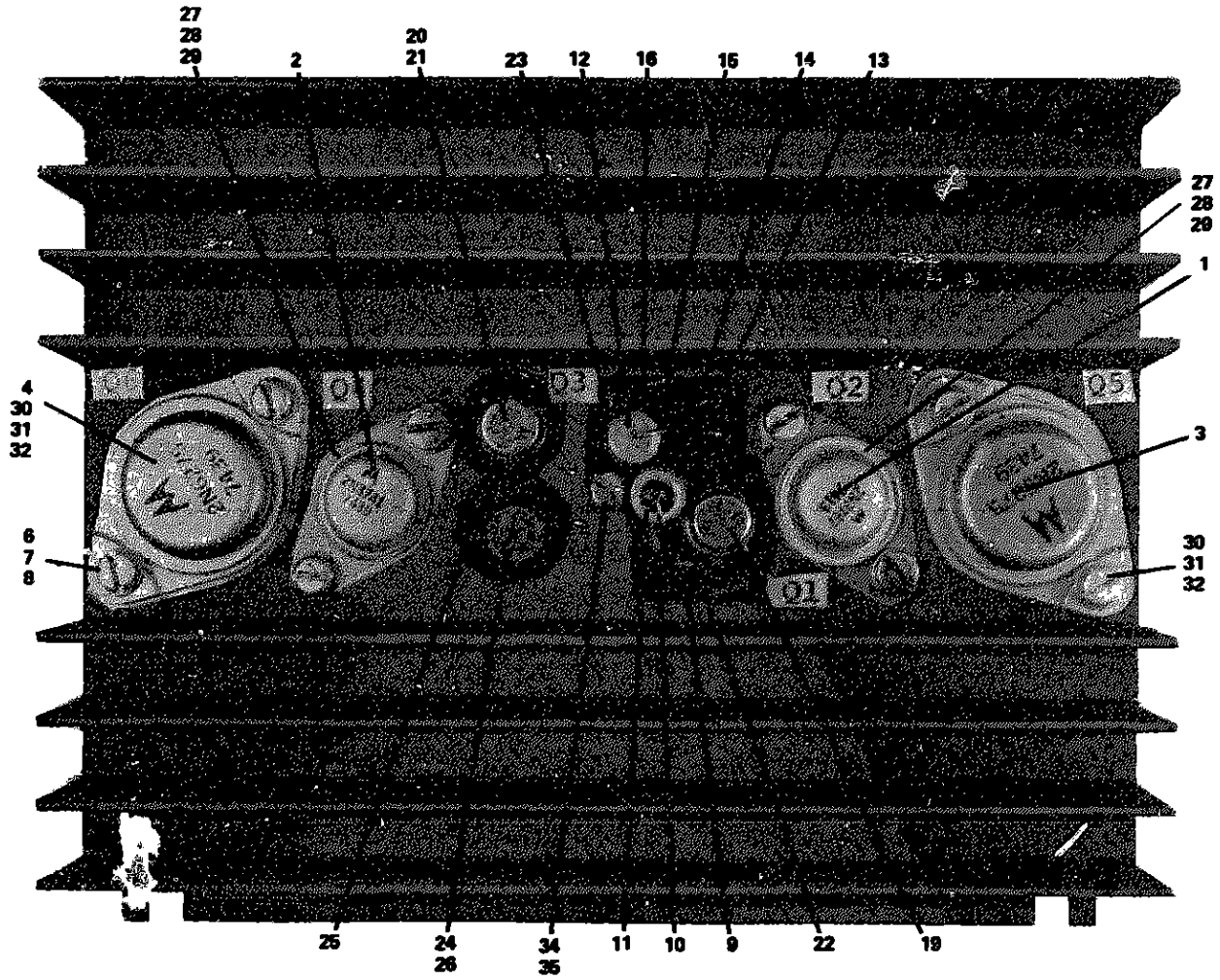


Figure 21. Servo Amplifier Assembly Top 1A7A1A1 and 1A7A2A1 (Sheet 1 of 2)



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
21	1A7A1A1	SERVO AMPLIFIER ASSY, VERTICAL (SEE FIGURE 20-15 FOR NHA)	101190	54687	REF	
	1A7A2A1	SERVO AMPLIFIER ASSY, HORIZONTAL (SEE FIGURE 20-111A FOR NHA)	101190	54687	REF	
-1	Q2	• TRANSISTOR	2N3767	01295	2	
-2	Q4	• TRANSISTOR	2N3741	04713	2	
-3	Q5	• TRANSISTOR	2N6275	01295	2	
-4	Q6	• SAME AS Q5			2	
-5	1A7A1A1	CIRCUIT CARD ASSEMBLY	101189	54687	2	
	1A7A2A1	• CIRCUIT CARD ASSEMBLY  (ATTACHING PARTS)	101189	54687	REF	
-6		• SCREW, MACHINE	MS35221-17	96906	16	
-7		• WASHER, FLAT	MS27183-3	96906	16	
-8		• WASHER, LOCK -----*	MS35338-135	96906	16	
-9	C1	• CAPACITOR, FIXED, CERAMIC, .005MF	811-000X5R0502K	72982	2	
-10	C2	• CAPACITOR, FIXED, CERAMIC, 33PF	5GAQ33	56289	2	
-11	C3	• CAPACITOR, FIXED, ELECTROLYTIC, 6 8MF, 10%, 50 VDC	150D685X9050B2	56289	4	
-12	C4	• . SAME AS C3			2	
-13	CR1	• SEMICONDUCTOR DEVICE, DIODE	1N4002	04713	2	
-14	CR2	• . SAME AS CR1			2	
-15	CR3	• . SAME AS CR1			2	
-16	CR4	• . SAME AS CR1			2	
-17	CR5	• . SEMICONDUCTOR DEVICE, DIODE	MR751	01295	2	
-18	CR6	• SAME AS CR5			2	
-19	Q1	• TRANSISTOR	2N5681	01295	2	
-20	Q3	• TRANSISTOR	2N5679	01295	2	
-21		• SOCKET, PLUG-IN, ELCTNC CMPNT	6016-211-0	17117	4	
-22	R1	• . RESISTOR, FIXED, COMPOSITION, 100 OHMS, 5%, 1/4 W	RCR07G101JS	81349	2	
-23	R2	• RESISTOR, FIXED, COMPOSITION, 10K OHMS, 5%, 1/4 W	RCR07G103JS	81349	2	

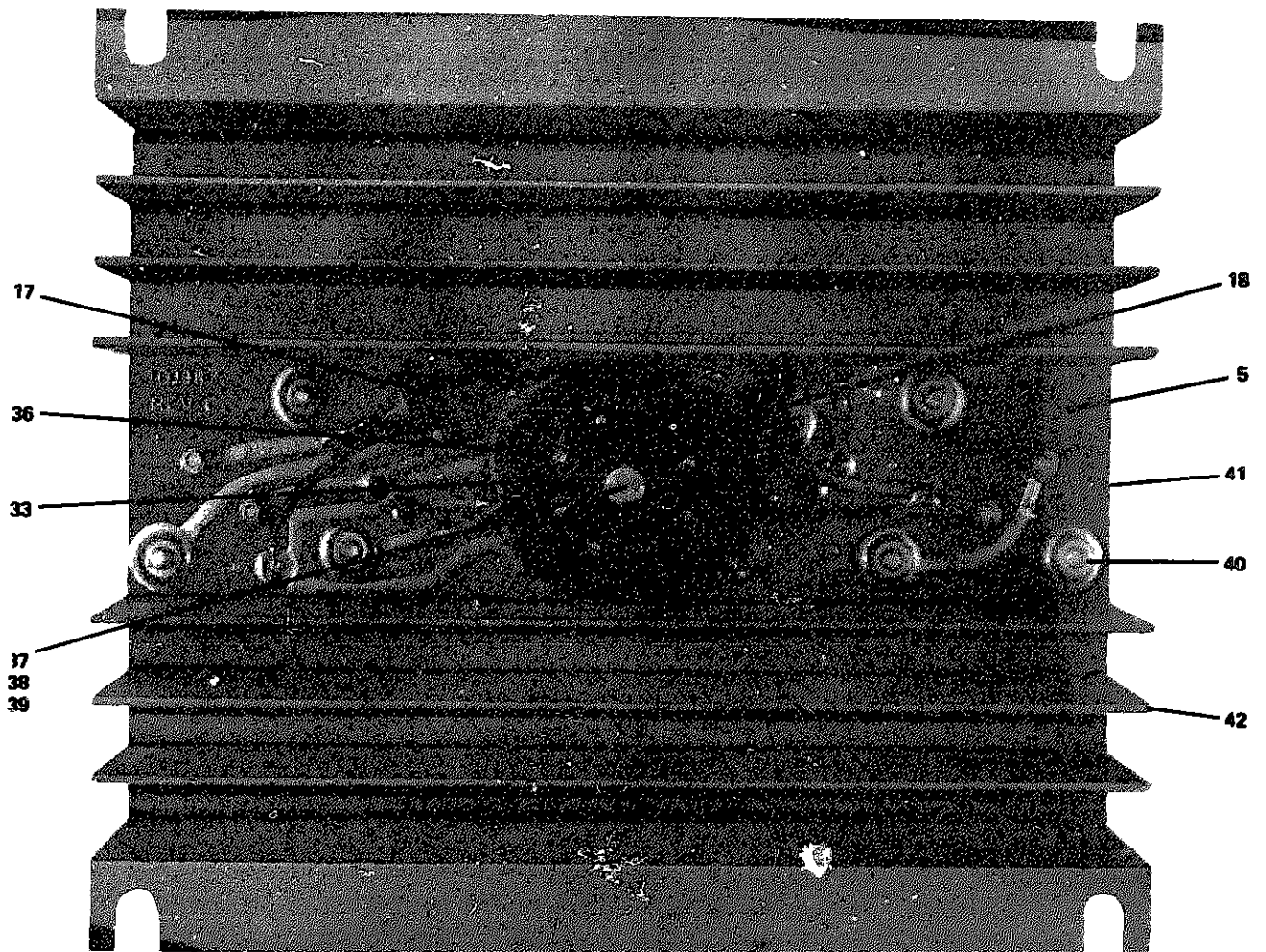


Figure 21. Servo Amplifier Assembly Bottom 1A7A1A1 and 1A7A2A1 (sheet 2 of 2)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
21						
-24	U1	MICROCIRCUIT, LINEAR, OPERATIONAL AMPLIFIER	4009	24699	2	
-25	.	HEAT SINK	204CB	05820	2	
-26	.	SOCKET, PLUG-IN ELECTRONIC COMPONENT, 8-PIN	7009-362-O	88869	2	
-27	.	SOCKET, PLUG-IN ELECTRONIC COMPONENT	1-332075-6	00779	4	
28	.	INSULATOR	172HC	05820	4	
-29		CONDUCTIVE COMPOUND	829	26425	AR	
-30	.	SOCKET, PLUG-IN ELECTRONIC COMPONENT	450-2320-01-03	71279	4	
-31	.	INSULATOR	170HC	05820	4	
-32	.	CONDUCTIVE COMPOUND	829	26425	AR	
-33		HEADER/ASSEMBLY  (ATTACHING PARTS)	101203	54687	2	
-34		SCREW, MACHINE	MS35221-17	96906	2	
-35		WASHER, FLAT -----*	MS527183-3	96906	2	
-36		HEADER, ELECTRICAL	MR8P	30442	2	
-37		SPACER, SLEEVE, RND, 4-40, 25 DIA X 1 0 LG	8161SS0440	06540	2	
-38		SCREW, MACHINE	MS51957-21	96906	2	
-39	.	WASHER, FLAT	MS27183-7	96906	2	
-40	.	FASTENER, 4-40 THD	KF2-440	47348	16	
-41	.	PRINTED WIRING BOARD	101188	54687	2	
-42		HEAT SINK	101198	54687	2	

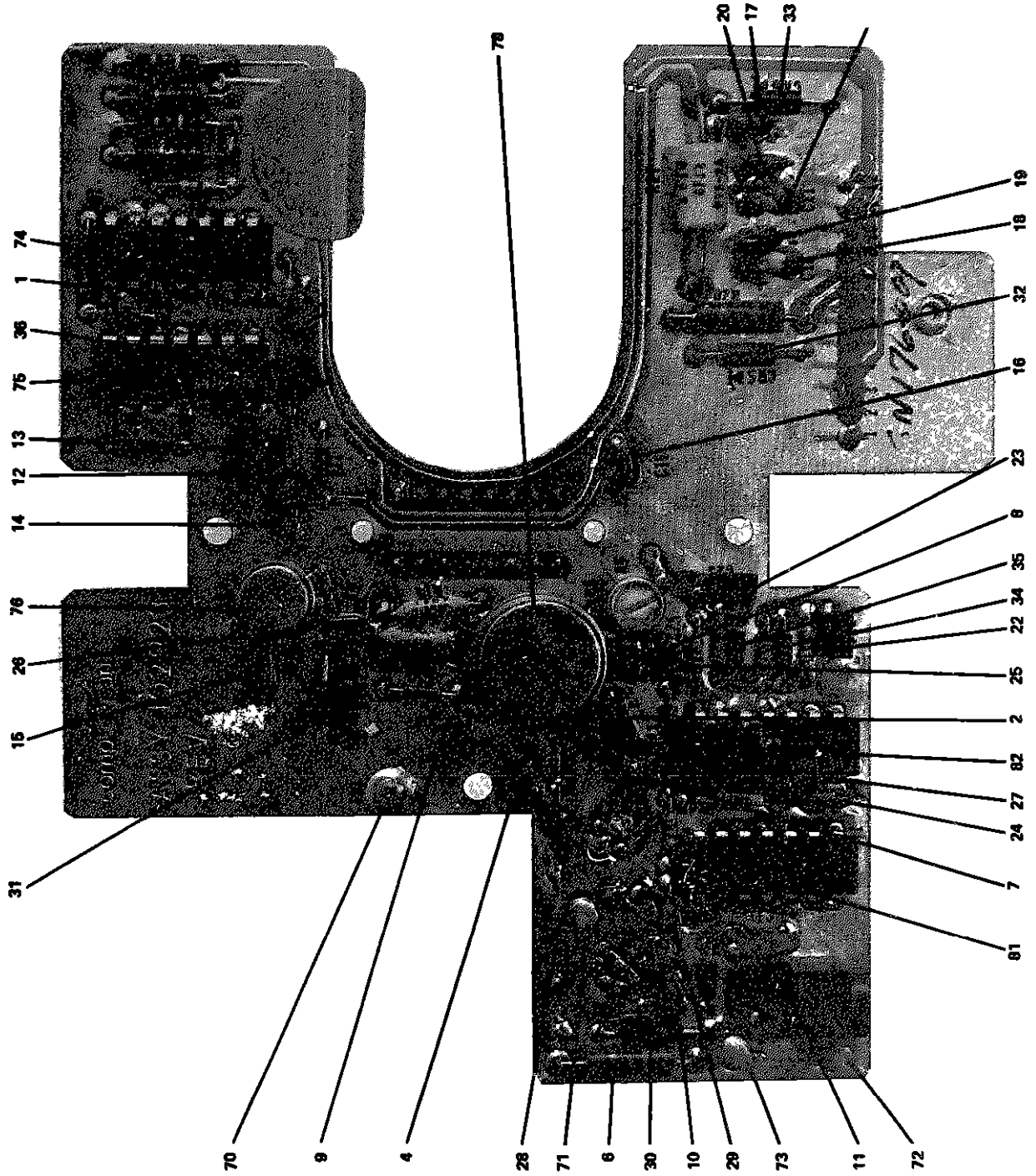


Figure 22. Read Head Circuit Card Assembly 1A7A2A2A1 (sheet 1 of 3)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
22	1A7A2A2A1	READ HEAD ANALOG CIRCUIT CARD ASSY (SEE FIGURE 20-112 FOR NHA)		54687	REF	
-1	C1	. CAPACITOR, FIXED, CERAMIC, 0.1MF, 200 VDC	CK05BX104K	81349	1	
-2	C2	. CAPACITOR, FIXED, CERAMIC, 100PF, 200 VDC	CK05BX101K	81349	1	
-3	C3	. CAPACITOR, FIXED, CERAMIC, 180PF	DD181	71590	1	
-4	C4	. CAPACITOR, FIXED, CERAMIC, .047MF	8121-100-651-473	72982	1	
-5	C5	. SAME AS C4			1	
-6	C6	. SAME AS C4			1	
-7	C7	. SAME AS C4			1	
-8	C8	. SAME AS C4			1	
-9	C9	. SAME AS C4			1	
-10	C10	. SAME AS C4			1	
-11	C11	. CAPACITOR, FIXED, CERAMIC, 33PF	DD330	71590	1	
-12	C12	. CAPACITOR, FIXED, CERAMIC, .0022MF	CK05BX222K	81349	1	
-13	C13	. SAME AS C12			1	
-14	C14	. SAME AS C4			1	
-15	C15	. SAME AS C4			1	
-16	C16	. SAME AS C4			1	
-17	C17	. SAME AS C4			1	
-18	C18	. CAPACITOR, FIXED, ELECTROLYTIC, 2.2MF, 20%, 20VDC	T362A225M020AS	05397	1	
-19	C19	. SAME AS C4			1	
-20	C20	. SAME AS C4			1	
-21	C21	. SAME AS C18			1	
-22	C22	. SAME AS C2			1	
-23	C23	. SAME AS C2			1	
-24	C24	. SAME AS C4			1	
-25	C25	. SAME AS C4			1	
-26	C26	. SAME AS C4			1	
-27	C27	. SAME AS C4			1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
22	1A7A2A2A1	READ HEAD ANALOG CIRCUIT CARD ASSY (SEE FIGURE 20-112 FOR NHA)		54687	REF	
-1	C1	. CAPACITOR, FIXED, CERAMIC, 0.1MF, 200 VDC	CK058X104K	81349	1	
-2	C2	. CAPACITOR, FIXED, CERAMIC, 100PF, 200 VDC	CK05BX101K	81349	1	
-3	C3	. CAPACITOR, FIXED, CERAMIC, 180PF	DD181	71590	1	
-4	C4	. CAPACITOR, FIXED, CERAMIC, .047MF	8121-100-651-473	72982	1	
-5	C5	. SAME AS C4			1	
-6	C6	. SAME AS C4			1	
-7	C7	. SAME AS C4			1	
-8	C8	. SAME AS C4			1	
-9	C9	. SAME AS C4			1	
-10	C10	. SAME AS C4			1	
-11	C11	. CAPACITOR, FIXED, CERAMIC, 33PF	DD330	71590	1	
-12	C12	. CAPACITOR, FIXED, CERAMIC, .0022MF	CK05BX222K	81349	1	
-13	C13	. SAME AS C12			1	
-14	C14	. SAME AS C4			1	
-15	C15	. SAME AS C4			1	
-16	C16	. SAME AS C4			1	
-17	C17	. SAME AS C4			1	
-18	C18	. CAPACITOR, FIXED, ELECTROLYTIC, 2.2MF, 20%, 20VDC	T362A225M020AS	05397	1	
-19	C19	. SAME AS C4			1	
-20	C20	. SAME AS C4			1	
-21	C21	. SAME AS C18			1	
-22	C22	. SAME AS C2			1	
-23	C23	. SAME AS C2			1	
-24	C24	. SAME AS C4			1	
-25	C25	. SAME AS C4			1	
-26	C26	. SAME AS C4			1	
-27	C27	. SAME AS C4			1	

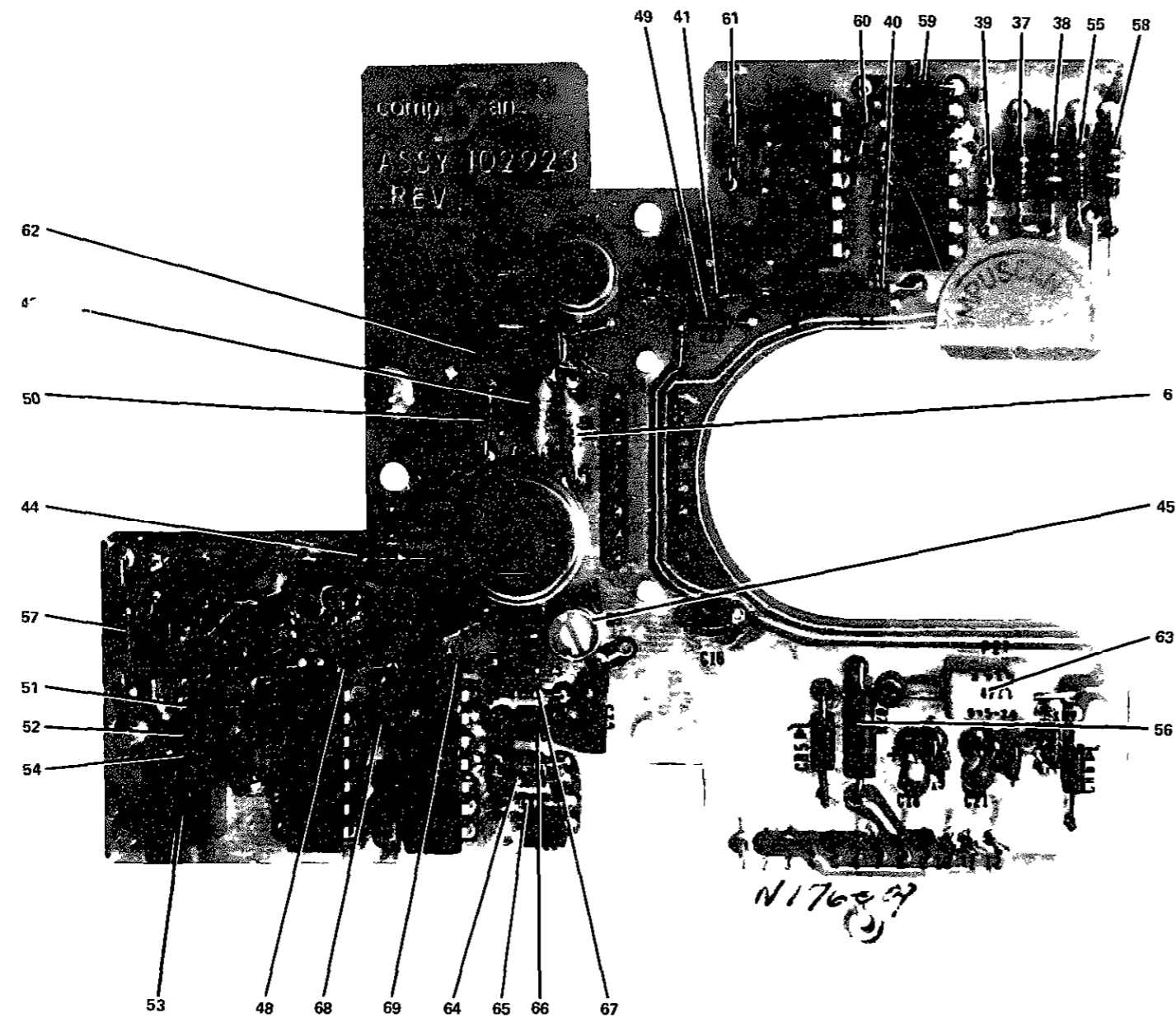


Figure 22. Read Head Analog Circuit Card Assembly 1A7A2A2A1 (Sheet 2 of 3)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
22						
-28	CR1	• SEMICONDUCTOR DEVICE, DIODE	1N914	01295	1	
-29	CR2	• SAME AS CR1			1	
-30	CR3	• SEMICONDUCTOR DEVICE, DIODE	1N4733A	04713	1	
-31	CR4	• SEMICONDUCTOR DEVICE, DIODE	N4736	01295	1	
-32	CR5	• SAME AS CR3			1	
-33	CR6	• SAME AS CR3			1	
-34	CR7	SAME AS CR1			1	
-35	CR8	SAME AS CR1			1	
-36	Q1	TRANSISTOR	2N3906	04713	1	
-37	R1	• RESISTOR, FIXED, COMPOSITION, 220 OHMS, 5%, 1/4W	RCR07G221JS	81349	1	
-38	R2	• RESISTOR, FIXED, COMPOSITION, 240 OHMS, 5%, 1/4W	RCR07G241JS	81349	1	
-39	R3	• RESISTOR, FIXED, FILM, 470 OHMS, 5%, 1/8W	RLR05C471GR	81349	1	
-40	R4	• RESISTOR, FIXED, FILM, 4.7K OHMS, 5%, 1/8W	RLR05C472JM	81349	1	
-41	R5	SAME AS R4			1	
-42	R6	• RESISTOR, FIXED, FILM, 4.7K OHMS, 1%, 1/8W	RN55D4641F	81349	1	
-43	R7	• RESISTOR, FIXED, FILM, 100K OHMS, 1%, 1/8W	RN55C1003FS	81349	1	
-44	R8	• RESISTOR, FIXED, COMPOSITION, 1.2K OHMS, 5%, 1/8W		81349	1	
-45	R9	• RESISTOR, VARIABLE, 10K OHMS	3329H105	32957	1	
-46	R10	SAME AS R6			1	
-47	R11	• RESISTOR, FIXED, COMPOSITION, 10 OHMS, 5%, 1/8W	RCR05G100JS	81349	1	
-48	R12	• RESISTOR, FIXED, FILM, 680 OHMS, 5%, 1/8W	RLR05C681GP	81349	1	
-49	R13	• RESISTOR, FIXED, COMPOSITION, 3.3K OHMS, 5%, 1/8W	RCR05G332JS	81349	1	
-50	R14	• SAME AS R11			1	
-51	R15	• RESISTOR, FIXED, COMPOSITION, 330 OHMS, 5%, 1/8W	RCR05G331JS	81349	1	
-52	R16	• RESISTOR, FIXED, COMPOSITION, 10K OHMS, 5%, 1/8W	RCR05G103JS	81349	1	



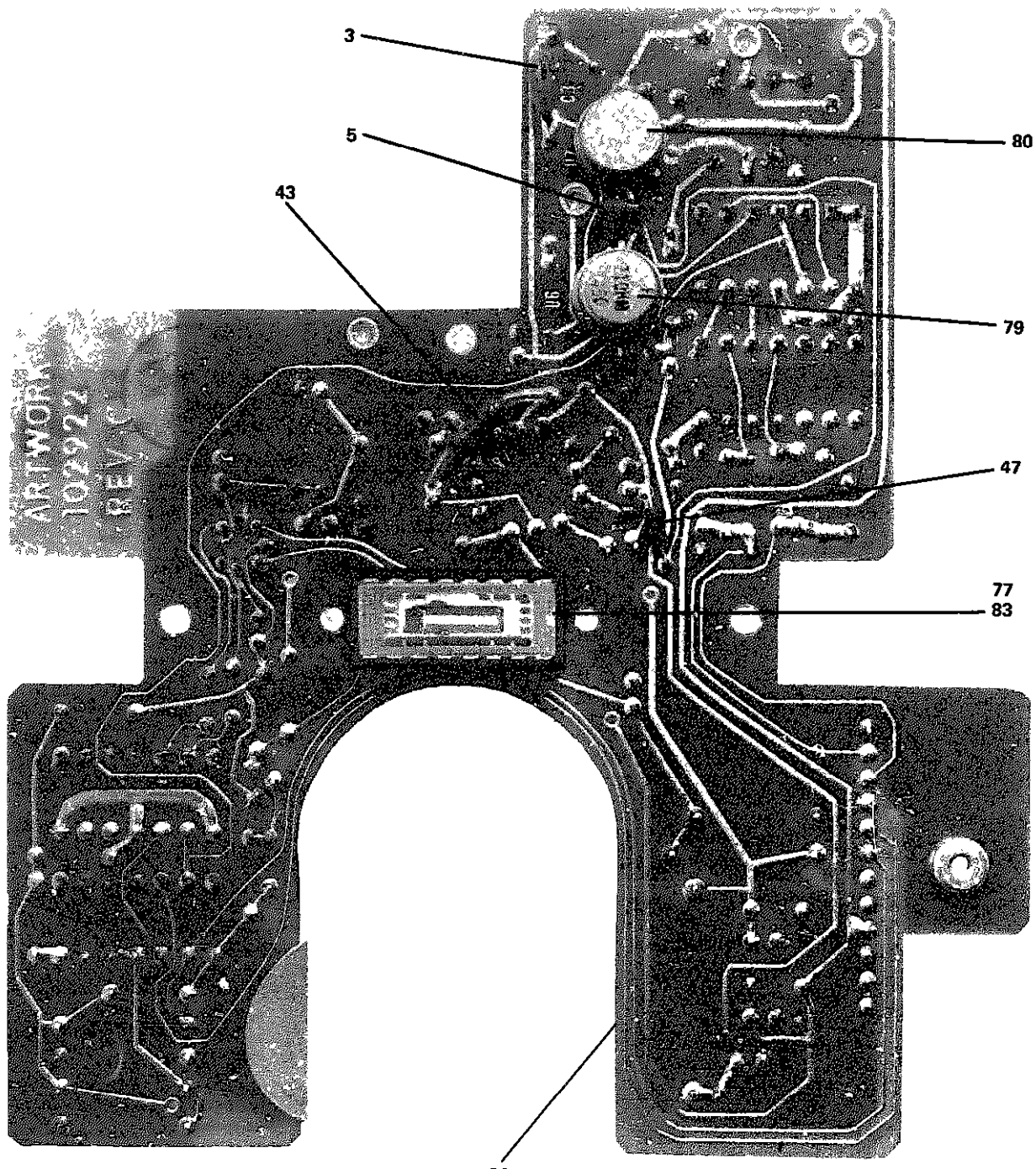


Figure 22. Read Head Analog Circuit Card Assembly 1A7A2A2A1 (Sheet 3 of 3)

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
27						
-53	R17	• RESISTOR, VARIABLE, 10K OHMS	333W103	32997	1	
-54	R18	• RESISTOR, FIXED, FILM, 1K OHMS, 5%, 1/8W	RLR05C102JM	81349	1	
-55	R19	• SAME AS R1			1	
-56	R20	• RESISTOR, FIXED, COMPOSITION, 270 OHMS, 5%, 1/2W	RCR20G271JS	81349	1	
-57	R21	SAME AS R20			1	
-58	R22	• SAME AS R2			1	
-59	R23	SAME AS R11			1	
-60	R24	• SAME AS R12			1	
-61	R25	• SAME AS R11			1	
-62	R26	• RESISTOR, FIXED, COMPOSITION, 150 OHMS, 5%, 1/4W	RCR07G151JS	81349	1	
-63	R27	• RESISTOR, FIXED, COMPOSITION, 47 OHMS, 2W	995-2A3910	44655	1	
-64	R28	• RESISTOR, FIXED, COMPOSITION, 560 OHMS, 5%, 1/8W	RCR05G561JS	81349	1	
-65	R29	RESISTOR, FIXED, FILM, 180 OHMS, 5%, 1/8W	RLR05C181JM	81349	1	
-66	R30	• SAME AS R28			1	
-67	R31	SAME AS R29			1	
-68	R32	• RESISTOR, FIXED, COMPOSITION, 100 OHMS, 5%, 1/8W	RLR05G101JS	81349	1	
-69	R33	• SAME AS R32			1	
-70	TP1	• TERMINAL STUD	1091-2	71279	1	
-71	TP2	SAME AS TP1			1	
-72	TP3	SAME AS TP1			1	
-73	TP4	SAME AS TP1			1	
-74	U1	• MICROCIRCUIT, DIGITAL, HEX SCHMITT-TRIGGER INVERTER	SN7414N	01295	1	
-75	U2	• MICROCIRCUIT, DIGITAL, DUAL J-K MASTER-SLAVE FLIP-FLOP	SN74107N	01295	1	
-76	U3	• MICROCIRCUIT, DIGITAL, MOS CLOCK DRIVER	MH0026H	27014	1	
-77	U4	MICROCIRCUIT, DIGITAL (MFR-RETICON CORP, SUNNYVALE, CA)	RL128EC		1	

GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
22						
-78	U5	MICROCIRCUIT, DIGITAL (MER-RETICON CORP, SUNNYVALE, CA)	CA10A		1	
-79	U6	MICROCIRCUIT, LINEAR DIFFERENTIAL COMPARATOR	CA710H	37763	1	
-80	U7	MICROCIRCUIT, LINEAR OPERATIONAL AMPLIFIER	LM310H	27014	1	
-81	U8	MICROCIRCUIT, DIGITAL, DUAL D-TYPE EDGE-TRIGGERED FLIP-FLOP	SN74L74N	33409	1	
-82	U9	MICROCIRCUIT, DIGITAL, HEX INVERTER	SN74L04	01265	1	
-83		SOCKET, PLUG-IN, ELECTRONIC COMPONENT	1-380852-0	0077	1	
-84		PRINTED WIRING BOARD	102924	54627	1	

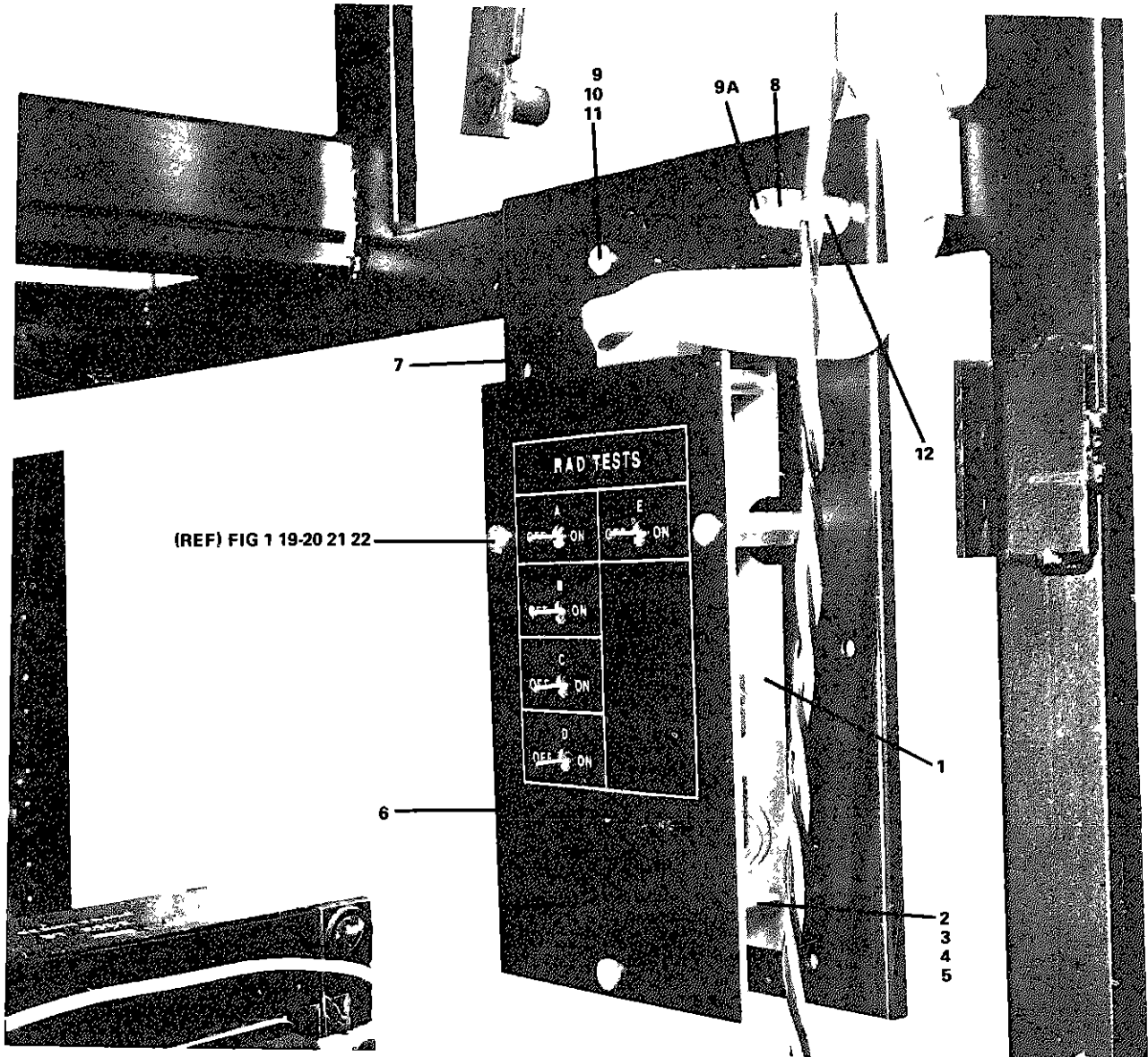


Figure 23. Rad Test Panel Assembly 1A8



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
23	LAB	PANEL ASSEMBLY, RAD TEST (SEE FIGURE 1-18 FOR NHA)	103659	54687	REF	
-1	LABA1	• CIRCUIT CARD ASSEMBLY, RAD TEST (SEE FIGURE 24 FOR BREAKDOWN)  (ATTACHING PARTS)	102206-2	54687	1	
-2		SCREW, MACHINE	MS35233-43	96906	4	
-3		WASHER, FLAT	MS27183-7	96906	4	
-4		WASHER, LOCK	MS35338-137	96906	4	
-5		SPACER, SLEEVE, ROUND, ALUMINUM, 280 DIAMETER X 13/16 INCH LONG -----*		46384	4	
-6		• PANEL, RAD TEST	102929	54687	1	
-7		BRACKET, ANGLE, MOUNTING, RAD TEST PANEL (SEE FIG. 2-65)  (ATTACHING PARTS)	102451-2	54687	REF	
-8		• SPACER, HEXAGONAL, ALUMINUM, 1/2- INCH DIAMETER X 1-1/8-INCH LONG	8578SS0832-7	06540	1	
-9		• SCREW, MACHINE	MS35233-31	96906	1	
-9A		• SCREW MACHINE	MS35233-36	96906	1	
-10		WASHER, FLAT	MS27183-42	96906	2	
-11		WASHER, LOCK, SPLIT -----*	MS35338-136	96906	2	
-12		CLAMP, LOOP, PLASTIC	HP8N	09922	1	

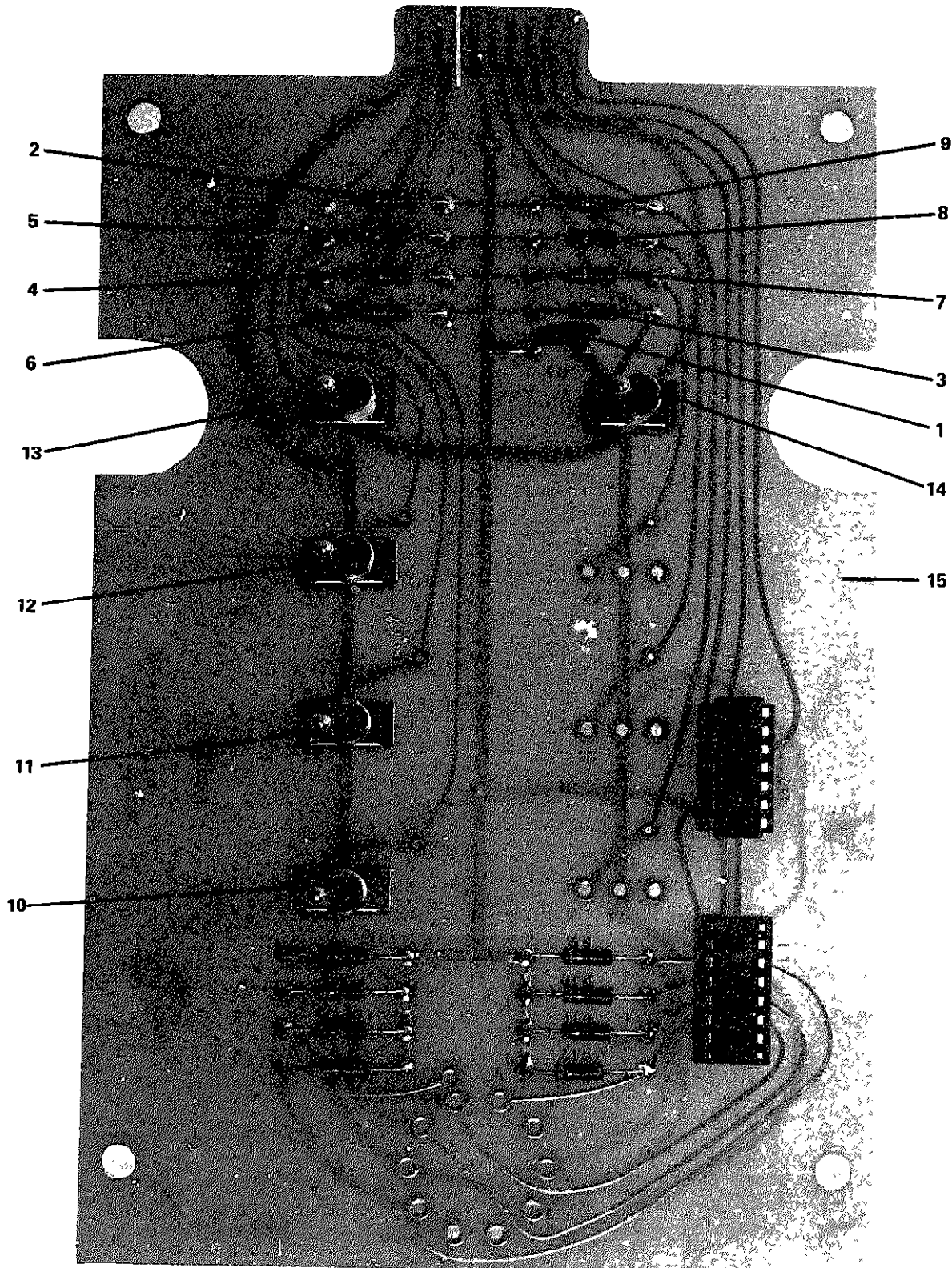


Figure 24. Rad Test Panel Circuit Card Assembly 1A8A1

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
24	1A8A1	CIRCUIT CARD ASSEMBLY, RAD TEST (SEE FIGURE 23-1 FOR NHA)	102206-2	54687	REF	
-1	C1	• CAPACITOR, FIXED, CERAMIC, .05 MF, 10%, 20 VDC	UK20-503	71590	1	
-2	R1	• RESISTOR, FIXED, COMPOSITION, 220 OHMS, 5%, 1/4 W	RCR07G221JS	81349	1	
-3	R2	• SAME AS R1			1	
-4	R3	SAME AS R1			1	
-5	R4	SAME AS R1			1	
-6	R5	• SAME AS R1			1	
-7	R6	• SAME AS R1			1	
-8	R7	SAME AS R1			1	
-9	R8	• SAME AS R1			1	
-10	S2	• SWITCH, TOGGLE, SPDT	7101SYCBE	09353	1	
-11	S4	• SAME AS S2			1	
-12	S6	• SAME AS S2			1	
-13	S8	• SAME AS S2			1	
-14	S9	• SAME AS S2			1	
-15		• PRINTED WIRING BOARD	102205	54687	1	



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
24	1A8A1	CIRCUIT CARD ASSEMBLY, RAD TEST (SEE FIGURE 23-1 FOR NHA)	102206-2	54687	REF	
-1	C1	• CAPACITOR, FIXED, CERAMIC, .05 MF, 10%, 20 VDC	UK20-503	71590	1	
-2	R1	• RESISTOR, FIXED, COMPOSITION, 220 OHMS, 5%, 1/4 W	RCR07G221JS	81349	1	
-3	R2	• SAME AS R1			1	
-4	R3	SAME AS R1			1	
-5	R4	SAME AS R1			1	
-6	R5	• SAME AS R1			1	
-7	R6	• SAME AS R1			1	
-8	R7	SAME AS R1			1	
-9	R8	• SAME AS R1			1	
-10	S2	• SWITCH, TOGGLE, SPDT	7101SYCBE	09353	1	
-11	S4	• SAME AS S2			1	
-12	S6	• SAME AS S2			1	
-13	S8	• SAME AS S2			1	
-14	S9	• SAME AS S2			1	
-15		• PRINTED WIRING BOARD	102205	54687	1	

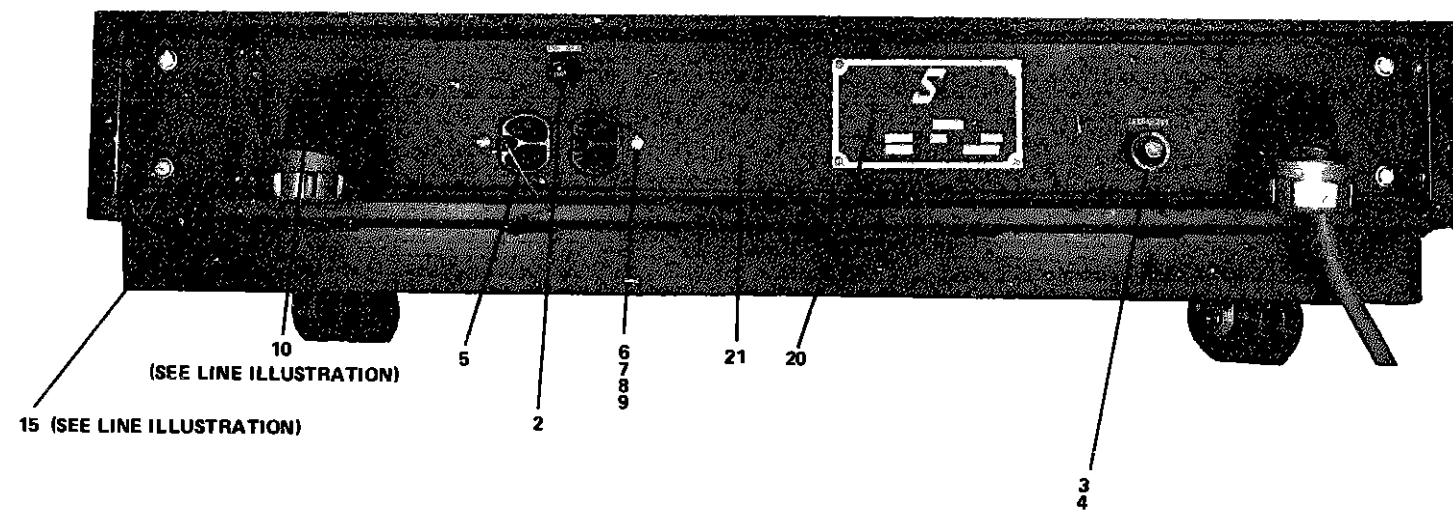
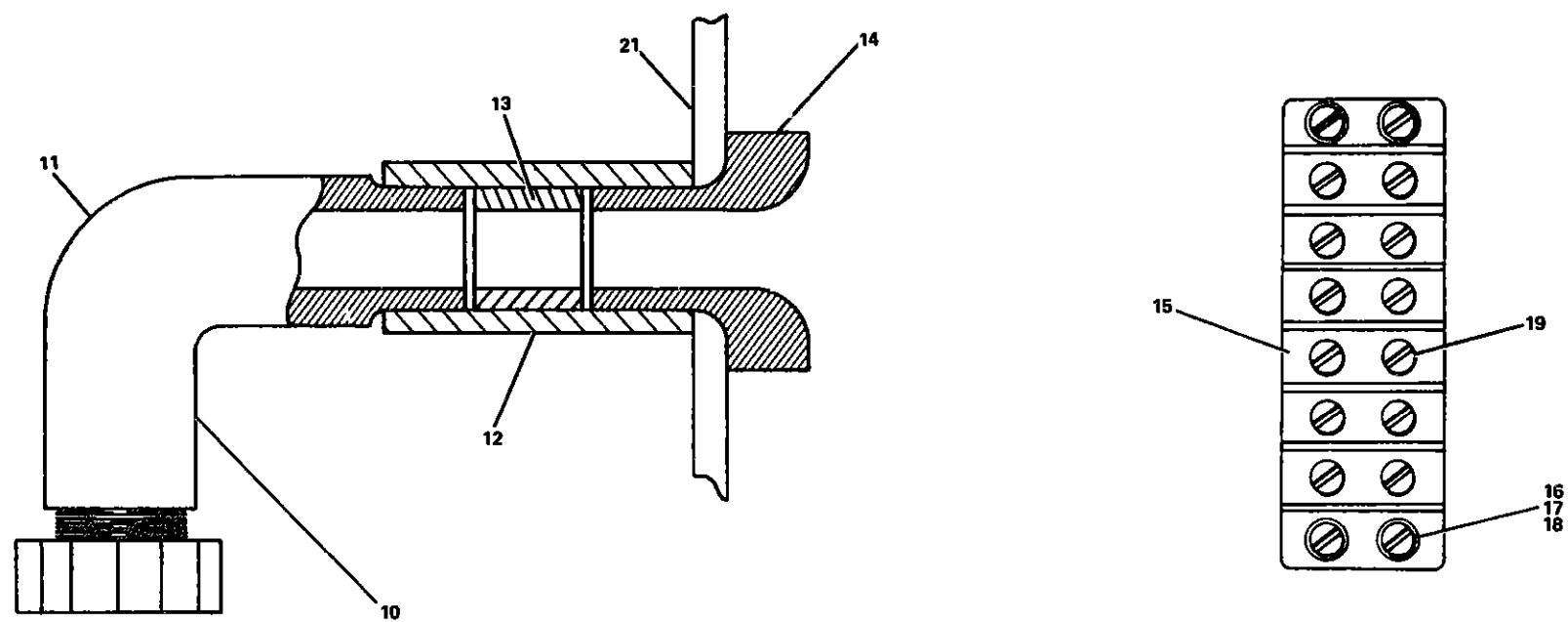


Figure 25. Rear Connector Panel Assembly 1A9

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
25	1A9	REAR CONNECTOR PANEL ASSEMBLY (SEE FIGURE 1-23 FOR NHA)	103618	54687	REF	
-1	F8	FUSE, CARTRIDGE, 4-AMP, SLOW BLOW, TYPE 3AG	313004	75915	1	
-2		FUSEHOLDER, EXTRACTOR POST	342012A	75915	1	
-3	F9	• FUSE, CARTRIDGE, 10-AMP, SLOW BLOW, TYPE 3AG	313010	75915	1	
-4		• FUSEHOLDER, EXTRACTOR POST, ILLUMINATED	HKL	71400	1	
-5		• CONNECTOR, RECEPTACLE, ELECTRICAL, DUPLEX GROUNDING  (ATTACHING PARTS)	5262	74545	1	
-6		• SCREW, MACHINE	MS35233-45	96906	2	
-7		• WASHER, FLAT	MS27183-7	96906	2	
-8		• WASHER, LOCK	MS35338-137	96906	2	
-9		• NUT, PLAIN, HEX -----*	MS35649-284	96906	2	
-10		• CONDUIT OUTLET ASSEMBLY, REAR PANEL	103263	54687	2	
-11		• • ELBOW, PIPE 3/4-INCH X 90 DEGREES, SEAL TITE	5353	59730	2	
-12		• • COUPLING, FEMALE TC FEMALE	103193	54687	2	
-13		• SPACER, SLEEVE, PLASTIC, 15/16 O.D. X 13/16 I.D. X 11/16 LCNG	103194	54687	2	
-14		• • NIPPLE, PIPE, 3/4-INCH	CN75	03743	2	
-15	TB1	• TERMINAL BOARD  (ATTACHING PARTS)	6-140	71785	1	
-16		• SCREW, MACHINE	MS35233-30	96906	4	
-17		• WASHER, FLAT	MS27183-5	96906	4	
-18		• WASHER, LOCK -----*	MS35338-137	96906	4	
-19		• • SCREW, MACHINE	MS35233-28	96906	12	
-20		• PLATE, IDENTIFICATION	100482	54687	REF	
-21		PANEL, REAR CONNECTOR	103147	54687	1	

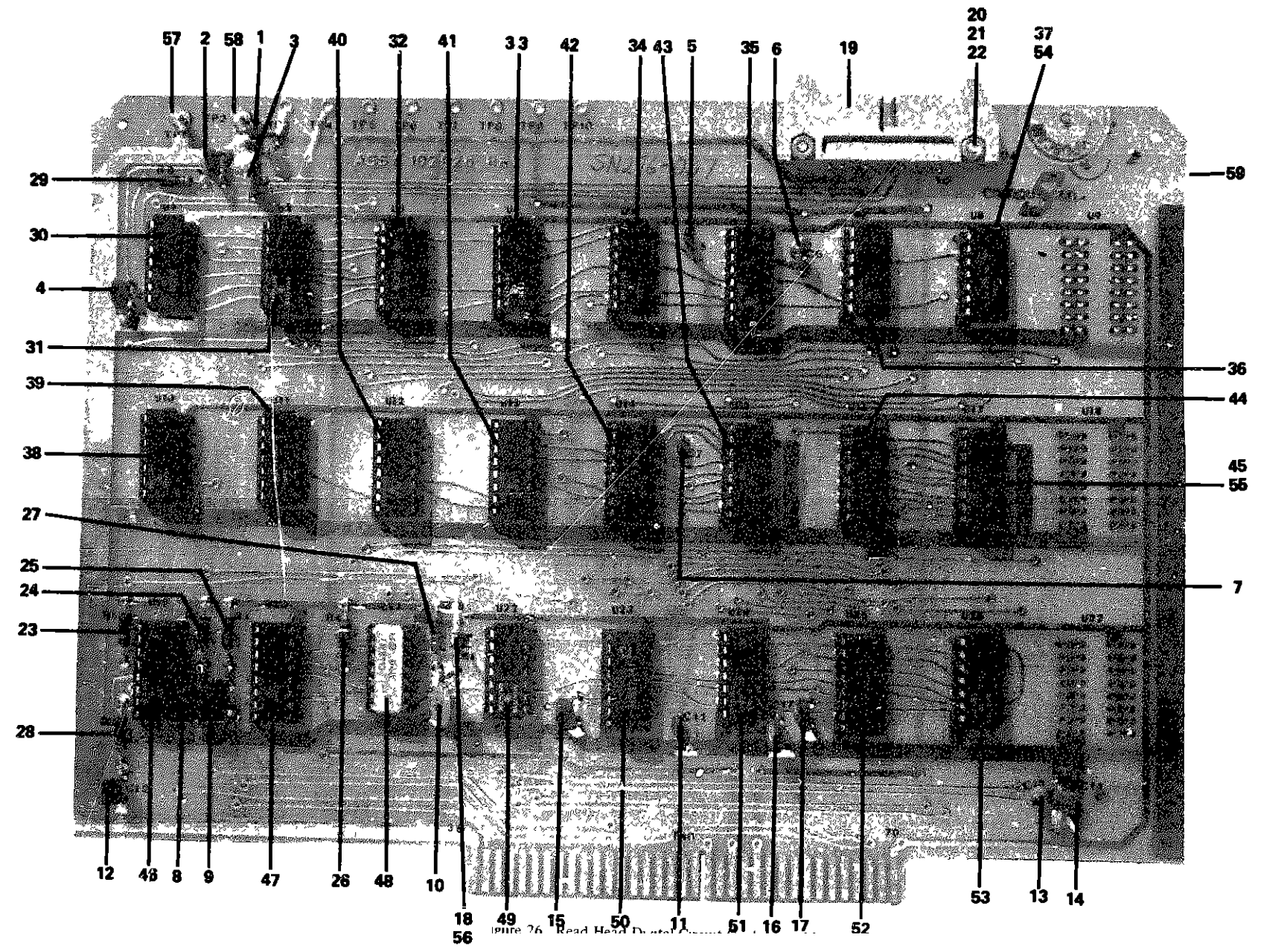


Figure 26. Read Head Digital Circuit Card Assembly 1A10

GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
2A	1A1J	HEAD HEAD DIGITAL CKT CD ASSY(SEE FIGURE 1-27 FOR NHA)	102926	54687	REF	
-1	1	• CAPACITOR, FIXED, ELECTROLYTIC (HC), 2.2 MF, 20%, 20 VDC	T368A225K020AS	05397	1	
-	C2	CAPACITOR, FIXED, CERAMIC, 250 PF	CD251	71590	1	
-3	C3	SAME AS C2			1	
-4	C4	SAME AS C2			1	
-5	C5	CAPACITOR, FIXED, CERAMIC, 0.47 MF, 50 VDC	8121-050-651-473 M	72982	1	
-6	C6	• SAME AS C1			1	
-7	C7	SAME AS C5			1	
-	C8	• CAPACITOR, FIXED, CERAMIC, .33 MF, 10% 10 VDC	CK06BX334K	81349	1	
-8	C9	• SAME AS C8			1	
-10	C10	• CAPACITOR, FIXED, CERAMIC, 1000 PF	DD102	71590	1	
-11	C11	SAME AS C5			1	
-12	C12	• CAPACITOR, FIXED, CERAMIC, .01 MF, 10%, 10 VDC	CK05BX103K	81349	1	
-13	C13	CAPACITOR, FIXED, ELECTROLYTIC, 6.8 MF, 30%, 6 VDC	T368A685K006AS	05397	1	
-14	C14	• SAME AS C5			1	
-15	C15	• CAPACITOR, FIXED, CERAMIC, 220 PF	DD221	71590	1	
-16	C16	SAME AS C15			1	
-17	C17	• SAME AS C15			1	
-18	R1	• SEMICONDUCTOR DEVICE, DIODE ZENER	1N914	01295	1	
-19	40A	• CONNECTOR, RECEPTACLE, ELECTRICAL	3428-1002	75037	1	
		(ATTACHING PARTS)				
-20		SCREW, MACHINE	MS35221-5	96906	2	
-21		• WASHER, FLAT, NYLON	5610-11-20	86928	2	
-22		• NUT, PLAIN, HEXAGON -----*	MS35649-224	96906	2	
-23	R1	• RESISTOR, FIXED, COMPOSITION, 1000 OHMS, 5%, 1/4 W	RCR07G102JS	81349	1	
-24	R2	• RESISTOR, FIXED, COMPOSITION, 15K OHMS, 5%, 1/4 W	RCR07G153JS	81349	1	

	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
		1	
	81349	1	
	81349	1	
	81349	1	
	81349	1	
	01295	1	
	01295	1	
	01295	1	
		1	
	01295	1	
	01295	1	
		1	
		1	
		1	
		1	
		1	
	07263	1	
		1	
		1	
		1	
	01295	1	
		1	
	27014	1	
		1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABI ON CODE
26						
-50	U23	• MICROCIRCUIT, DIGITAL, LOW POWER 256 BIT RANDOM ACCESS MEMORY	AM27LS00PC	34335	1	
-51	U24	• MICROCIRCUIT, DIGITAL, QUAD 2-INPUT POSITIVE-NAND GATE	SN74100N	01295	1	
-52	U25	• SAME AS U23			1	
-53	U26	• SAME AS U2			1	
-54		• SOCKET, PLUG-IN, ELECTRONIC COMPONENT, 14-PIN	C931402	73803	13	
-55		• SOCKET, PLUG-IN, ELECTRONIC COMPONENT, 16-PIN	C931602	73803	11	
-56		• INSULATION SLEEVING, ELECTRICAL, TEFLON, 22 AWG, CLEAR	PVC105-22-1	92194	AR	
-57	TP1	• TERMINAL, STUD	1091-2	71279	1	
-58	TP2	• SAME AS TP1			1	
-59		• PRINTED WIRING BOARD	102925	54687	1	

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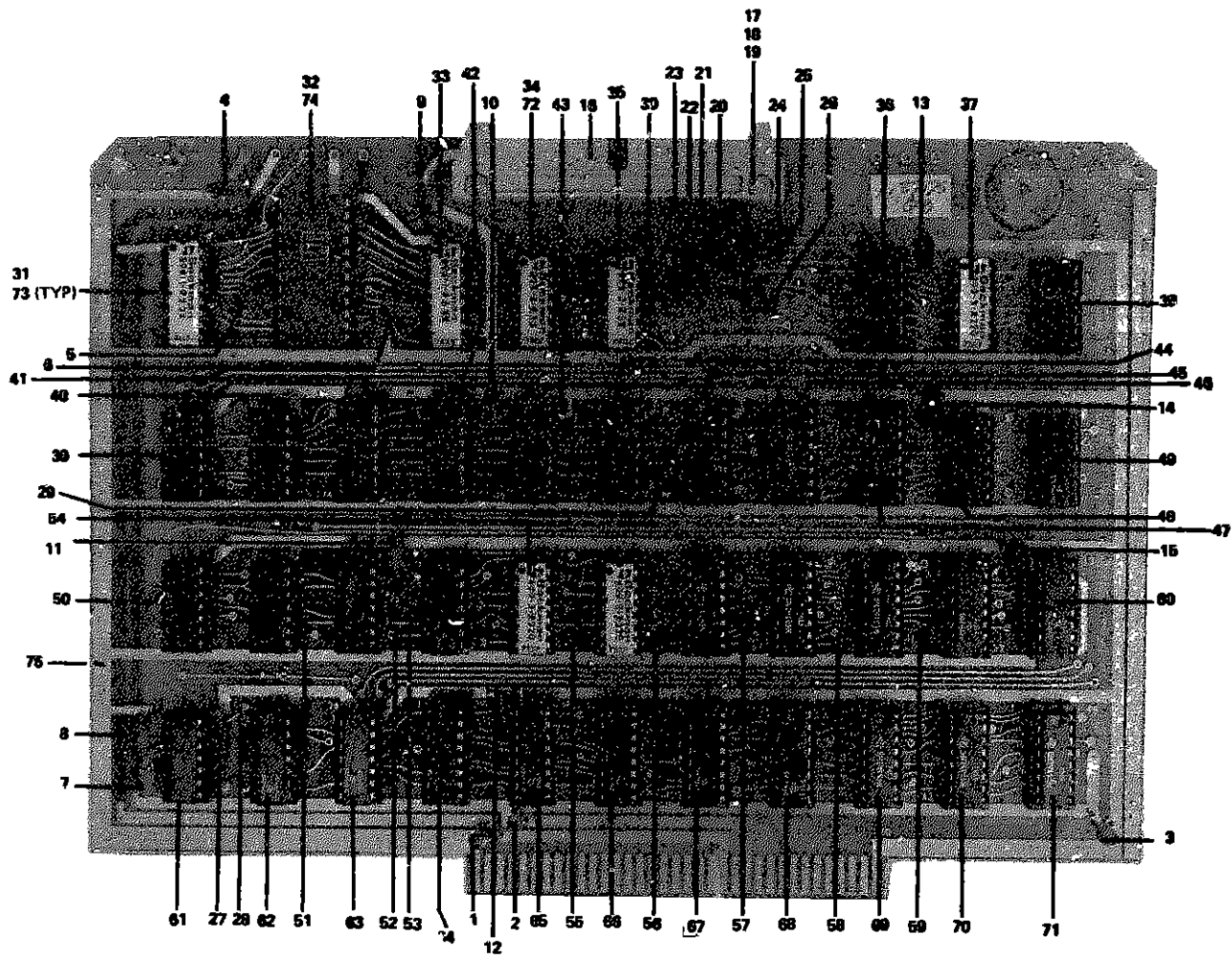


Figure 27. LED Generator Circuit Card Assembly 1A11



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
27	L111	LED GENERATOR CKT CD ASSY(SEE FIG. 1-28 FOR NH4)	102152	54687	REF	
-1	C1	CAPACITOR, FIXED, ELECTROLYTIC, 2 MF, 20 VDC	T368A225KCXOAS	05397	1	
-2	C2	• SAME AS C1			1	
-3	C3	CAPACITOR, FIXED, ELECTROLYTIC, 6.8 MF, 6 VDC	T368A685K006AS	05357	1	
-4	C4	• CAPACITOR, FIXED, CERAMIC, .05 MF, 20 VDC	UK20-503	71590	1	
-5	C5	SAME AS C4			1	
-6	C6	• SAME AS C4			1	
-7	C7	• CAPACITOR, FIXED, CERAMIC, .01 MF, 5%, 100 VDC	CK05BX103K	81349	1	
-8	C8	SAME AS C4			1	
-9	C9	• SAME AS C4			1	
-10	C10	SAME AS C4			1	
-11	C11	SAME AS C4			1	
-12	C12	• SAME AS C4			1	
-13	C13	SAME AS C4			1	
-14	C14	• SAME AS C4			1	
-15	C15	SAME AS C4			1	
-16	J41A	• CONNECTOR, RECEPTACLE, ELECTRICAL, 14-PIN	3432-1002	04963	1	
-17		SCREW, MACHINE	MS35221-5	96906	2	
-18		WASHER, FLAT, NYLON	5610-11-20	86928	2	
-19		NUT, PLAIN, HEXAGON	MS35649-224	96906	2	
-20	Q1	• TRANSISTOR	2N4921	04713	1	
-21	Q2	SAME AS Q1			1	
-22	Q3	• SAME AS Q1			1	
-23	Q4	SAME AS Q1			1	
-24	Q5	• SAME AS Q1			1	
-25	Q6	• SAME AS Q1			1	
-26	Q7	SAME AS Q1			1	
-27	R1	• RESISTOR, FIXED, COMPOSITION, 470 OHMS, 5%, 1/4 W	RCR07G471JS	81349	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
27						
-28	R2	• RESISTOR, FIXED, COMPOSITION, 2.2K OHMS, 5%, 1/4 W	RCR07G222JS	81349	1	
-29	R3	• RESISTOR, FIXED, COMPOSITION, 220 OHMS, 5%, 1/4 W	RCR07G221JS	81349	1	
30	R4	• RESISTOR, FIXED, COMPOSITION, 33 OHMS, 5%, 1/4 W	RCR07G330JS	81349	1	
-31	U1	• RESISTOR NETWORK	898-1R2-2K	73138	1	
-32	U3	• MICROCIRCUIT, DIGITAL	EA4004	33297	1	
-33	U4	RESISTOR NETWORK	858-1R6-8K	73138	1	
-34	U5	• RESISTOR NETWORK	899-3R35	73138	1	
-35	U6	SAME AS U5			1	
-36	U9	• MICROCIRCUIT, LINEAR ARRAY, NPN, GENERAL PURPOSE	CA3082	49671	1	
-37	U10	• RESISTOR NETWORK	899-3R220	73138	1	
-38	U11	MICROCIRCUIT, DIGITAL, QUAD 2-INPUT POSITIVE-NOR GATE	SN7402N	01295	1	
-39	U12	• MICROCIRCUIT, DIGITAL, 15V HEX INVERTER BUFFER/DRIVER	SN7416N	01295	1	
-40	U13	• MICROCIRCUIT, DIGITAL, HEX INVERTER	SN7404N	01295	1	
-41	U14	• MICROCIRCUIT, DIGITAL, QUAD 2-INPUT MULTIPLEXER	9322PC	02763	1	
-42	U15	• SAME AS U14			1	
-43	U16	SAME AS U9			1	
-44	U17	• SAME AS U9			1	
-45	U18	• SAME AS U9			1	
-46	U19	• MICROCKT, DCTL, SYNCHRONOUS UP/DOWN 4-BIT BINARY COUNTER (2 CLK LINES)	SN74193N	01295	1	
-47	U20	• MICROCIRCUIT, DIGITAL, BCD-TO-DECIMAL DECODER	SN7442N	01295	1	
-48	U21	• SAME AS U11			1	
-49	U22	• MICROCIRCUIT DIGITAL QUAD 2-INPUT POSITIVE-NAND GATE	SN7400N	01295	1	
-50	U23	SAME AS U11			1	
-51	U24	SAME AS U12			1	
-52	U25	SAME AS U19			1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
27						
-53	U26	• SAME AS U13			1	
-54	U27	• SAME AS U10			1	
-55	U28	• SAME AS U10			1	
-56	U29	SAME AS U19			1	
-57	U30	• SAME AS U19			1	
-58	U31	• SAME AS U19			1	
-59	U32	• MICROCIRCUIT, DUAL 4-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER	SN74153N	01295	1	
-60	U33	• SAME AS U32			1	
-61	U34	• MICROCIRCUIT, DIGITAL, DUAL VOLTAGE CONTROLLED MULTIVIBRATOR	MC4024P	04713	1	
-62	U35	SAME AS U22			1	
-63	U36	• SAME AS U11			1	
-64	U37	• MICROCIRCUIT, DIGITAL, HEX D-TYPE FLIP-FLOP WITH CLEAR	SN74174N	01295	1	
-65	U38	• SAME AS U37			1	
-66	U39	• SAME AS U37			1	
-67	U40	• SAME AS U32			1	
-68	U41	• SAME AS U32			1	
-69	U42	• SAME AS U19			1	
-70	U43	SAME AS U19			1	
-71	U44	• SAME AS U19			1	
-72		• SOCKET, PLUG-IN, ELECTRONIC COMPONENT, 14-PIN	C821400	01295	16	
-73		• SOCKET, PLUG-IN, ELECTRONIC COMPONENT, 16-PIN	C821600	01295	24	
-74		• SOCKET, PLUG-IN, ELECTRONIC COMPONENT, 24-PIN	C822400	01295	1	
-75		• PRINTED WIRING BOARD	102150	54687	1	

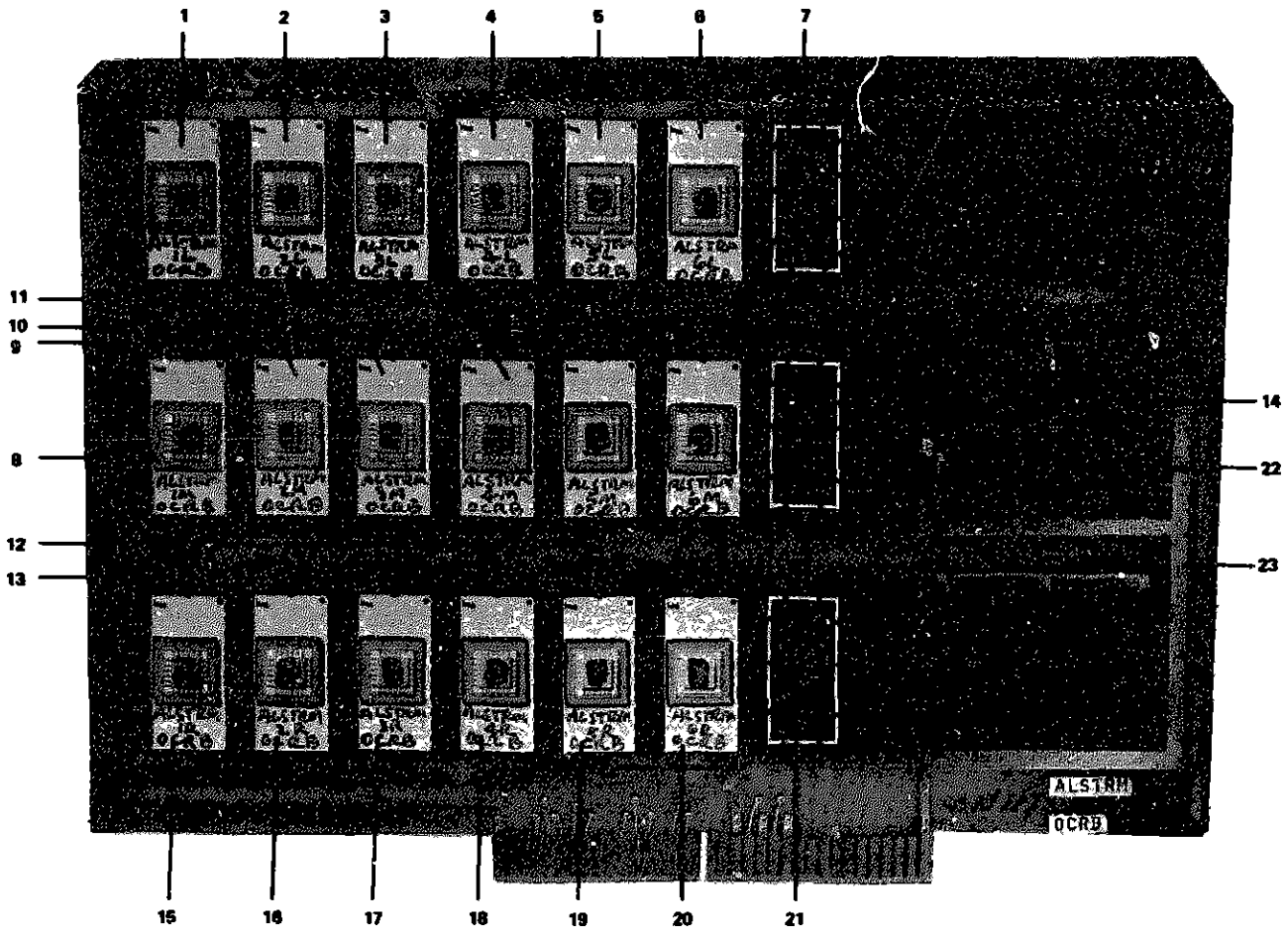


Figure 28. Reference Alphabet Circuit Card Assembly 1A12

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
28	1A12	REFERENCE ALPHABET CKT CD ASSY (FOR OCRA USE)	103395-1	54687	OPT	A
	1A12	REFERENCE ALPHABET CKT CD ASSY (SEE FIG 1-29 FOR NHA) FOR CCRB USE	103395-2	54687	REF	B
-1	U1	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRB-1L	54687	1	B
-1A	U1 ALT	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRA-1L	54687	OPT	A
-2	U2	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRB-2L	54687	1	B
-2A	U2 ALT	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRA-2L	54687	OPT	A
-3	U3	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRB-3L	54687	1	B
-3A	U3 ALT	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRA-3L	54687	OPT	A
-4	U4	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRB-4L	54687	1	B
-4A	U4 ALT	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRA-4L	54687	OPT	A
-5	U5	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRB-5L	54687	1	B
-5A	U5 ALT	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRA-5L	54687	OPT	A
-6	U6	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRB-6L	54687	1	B
-6A	U6 ALT	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRA-6L	54687	OPT	A
-7	U7 ALT	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRA-7L	54687	OPT	A
-8	U11	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRB-M	54687	1	B
-8A	U11 ALT	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRA-1M	54687	OPT	A
-9	U12	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRB-2M	54687	1	B
-9A	U12 ALT	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRA-2M	54687	OPT	A
-10	U13	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRB-3M	54687	1	B
-10A	U13 ALT	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRA-3M	54687	OPT	A
-11	U14	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRB-4M	54687	1	B
-11A	U14 ALT	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRA-4M	54687	OPT	A
-12	U15	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRB-5M	54687	1	B
-12A	U15 ALT	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRA-5M	54687	OPT	A
-13	U16	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRB-6M	54687	1	B
-13A	U16 ALT	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRA-6M	54687	OPT	A
-14	U17 ALT	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRA-7M	54687	OPT	A
-15	U21	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRB-1R	54687	1	B
-15A	U21 ALT	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-OCRA-1R	54687	OPT	A

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
28						
-16	U22	• MICROCIRCUIT,DIGITAL,PROM	ALSTRM-OCRB-2R	54687	1	B
-16	AU22ALT	• MICROCIRCUIT,DIGITAL,PROM	ALSTRM-OCRA-2R	54687	OPT	A
-17	U23	• MICROCIRCUIT,DIGITAL,PROM	ALSTRM-OCRB-3R	54687	1	B
-17	AU23ALT	• MICROCIRCUIT,DIGITAL,PROM	ALSTRM-OCRA-3R	54687	OPT	A
-18	U24	• MICROCIRCUIT,DIGITAL,PROM	ALSTRM-OCRB-4R	54687	1	B
-18	AU24ALT	• MICROCIRCUIT,DIGITAL,PROM	ALSTRM-OCRA-4R	54687	OPT	A
-19	U25	• MICROCIRCUIT,DIGITAL,PROM	ALSTRM-OCRB-5R	54687	1	B
-19	AU25ALT	• MICROCIRCUIT,DIGITAL,PROM	ALSTRM-OCRA-5R	54687	OPT	A
-20	U26	• MICROCIRCUIT,DIGITAL,PROM	ALSTRM-OCRB-6R	54687	1	B
-20	AU26ALT	• MICROCIRCUIT,DIGITAL,PROM	ALSTRM-OCRA-6R	54687	OPT	A
-21	U27ALT	• MICROCIRCUIT,DIGITAL,PROM	ALSTRM-OCRA-7R	54687	OPT	A
-22		• SOCKET,PLUG-IN ELECTRONIC COMPONENT,24-PIN	C822400	01295	30	
-23		• PRINTED WIRING BOARD	102160	54687	1	



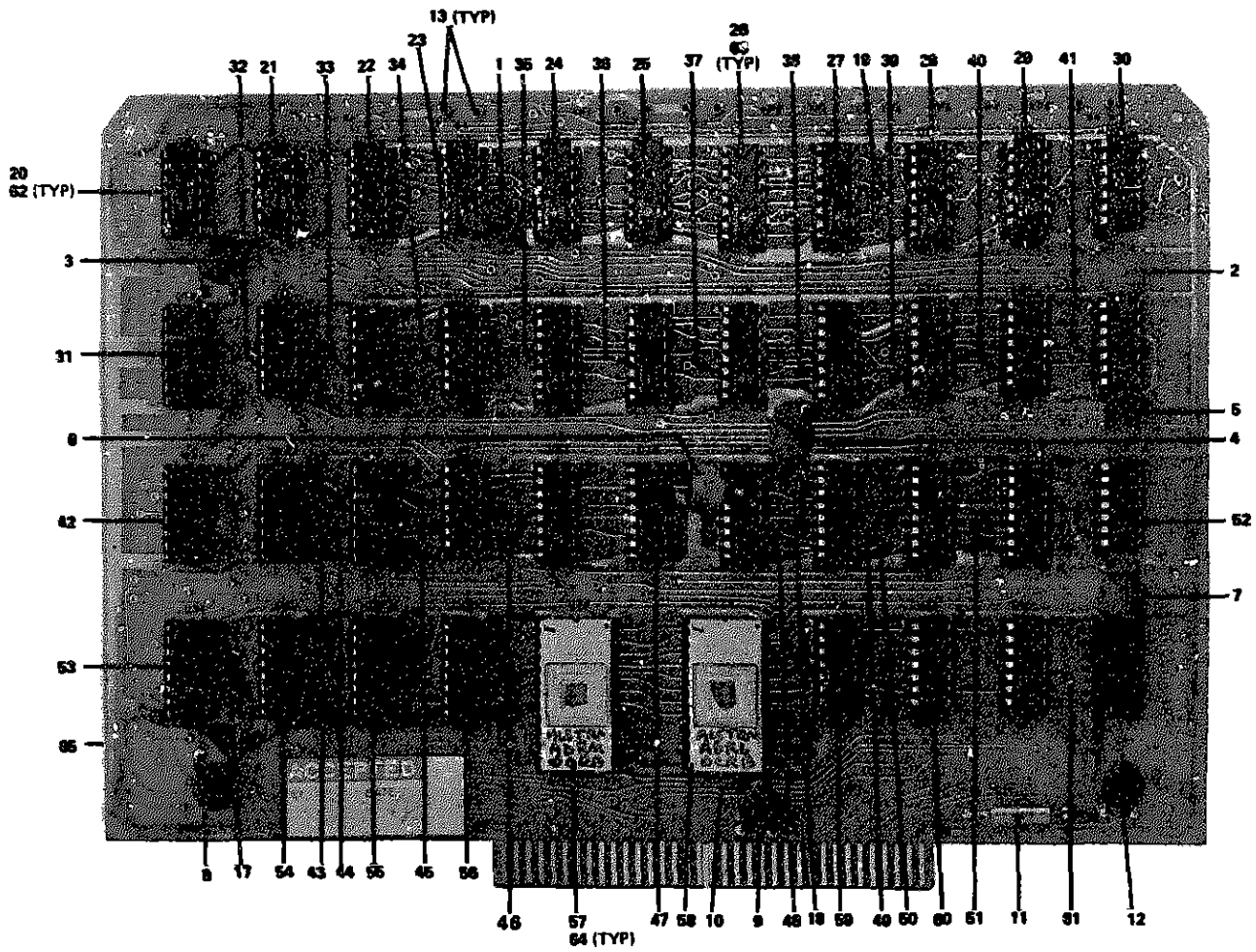


Figure 29. Tempest (SRECO) Circuit Card Assembly 1A13



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
29	1A13	TEMPEST(SRECO)CKT CD ASSY-FOR QCRA USE	102905-1	54687	OPT	A
	1A13	TEMPEST (SRECO)CKT CD ASSY(SEE FIG. 1-30 FOR NHA)FOR UCRB USE	102905-2	54687	REF	B
	1A13	TEMPEST(SRECO)CKT CD ASSY-FOR DUAL USE	102905-3	54687	OPT	AB
-1	C1	CAPACITOR, FIXED, CERAMIC, .05 MF, +80-20%, 20 VDC	5735-000Y5F103M	72987	1	
-2	C2	SAME AS C1			1	
-3	C3	SAME AS C1			1	
-4	C4	SAME AS C1			1	
-5	C5	SAME AS C1			1	
-6	C6	. SAME AS C1			1	
-7	C7	. SAME AS C1			1	
-8	C8	. SAME AS C1			1	
-9	C9	. CAPACITOR, FIXED, CERAMIC, 2.2 MF, 20%, 20 VDC	T368A225K020AS	05397	1	
-10	C10	. SAME AS C1			1	
-11	C11	. CAPACITOR, FIXED, ELECTROLYTIC, 6.8 MF, 10%, 35 VDC	150 685X9035B2	56289	1	
-12	C12	. SAME AS C1			1	
-13	E1	. SOCKET, PLUG-IN ELECTRONIC COMPONENT	450-3704-01-03	71279	1	
-14	E2	. SAME AS E1			1	
-15	E3	SAME AS E1			1	
-16	E4	. SAME AS E1			1	
-17	R1	RESISTOR, FIXED, COMPOSITION, 1000 OHMS, 5%, 1/4 W	RCR07G102JS	81349	1	
-18	R2	. SAME AS R1			1	
-19	R3	. SAME AS R1			1	
-20	U1	MICROCIRCUIT, DIGITAL, QUAD 2-INP POSITIVE-NAND GATE	SN7400N	01295	1	
-21	U2	SAME AS U1			1	
-22	U3	MICROCIRCUIT, DIGITAL, QUAD 2-INP POSITIVE-AND GATE	SN7408N	01295	1	
-23	U4	MICROCIRCUIT, DIGITAL, HEX INVERT	SN7404N	01295	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
29						
-24	U5	• MICROCIRCUIT,DIGITAL,DUAL D-TYPE EDGE-TRIGGERED FLIP-FLOP	SN7474N	01295	1	
-25	U6	• MICROCCIRCUIT,DIGITAL,TRIPLF 3-INPUT POSITIVE-NAND GATE	SN7401N	01295	1	
-26	U7	• MICROCIRCUIT,DICITAL,SYNCHRONOUS UP/DOWN 4-BIT BINARY CCOUNTER	SN74193N	01295	1	
-27	U8	SAME AS U7			1	
-28	U9	• SAME AS U7			1	
-29	U10	• SAME AS U5			1	
-30	U11	• SAME AS U3			1	
-31	U12	• MICROCIRCUIT,DIGITAL,RAM	P3106	34335	1	
-32	U13	• SAME AS U5			1	
-33	U14	• MICROCIRCUIT,DIGITAL,CLAD 2-INPUT MULTIPLEXER	9322DM	07263	1	
-34	U15	• MICROCIRCUIT,OGTL QUAD BUS BUFFER GATE WITH TRI-STATE OUTPUTS	SN74125N	01295	1	
-35	U16	• SAME AS U7			1	
-36	U17	• SAME AS U7			1	
-37	U18	• SAME AS U7			1	
-38	U19	• SAME AS U7			1	
-39	U20	SAME AS U5			1	
-40	U21	• SAME AS U4			1	
-41	U22	• SAME AS U5			1	
-42	U23	• SAME AS U14			1	
-43	U24	• SAME AS U14			1	
-44	U25	• SAME AS U12			1	
-45	U26	• SAME AS U4			1	
-46	U27	• SAME AS U7			1	
-47	U28	• SAME AS U7			1	
-48	U29	SAME AS U7			1	
-49	U30	SAME AS U7			1	
-50	U31	SAME AS U7			1	
-51	U32	• SAME AS U7			1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
29						
-52	U33	• SAME AS U5			1	
-53	U34	• SAME AS U7			1	
-54	U35	• SAME AS U7			1	
-55	U36	• SAME AS U14			1	
-56	U37	• SAME AS U14			1	
-57	U38	• MICROCIRCUIT, DIGITAL, PROM	ALSTRM-ADRM-OCRB-	54687	1	B
	U38	MICROCIRCUIT, DIGITAL, PROM	ALSTRM-ADRM-OCRA-	54687	OPT	A
	U38	• MICROCIRCUIT, DIGITAL, PROM	ALSTRM-ADRM-OCRA	54687	OPT	AB
-58	U39	• MICROCIRCUIT, DIGITAL, PROM	ALSTRM-ADRL-OCRB	54687	1	B
	U39	• MICROCIRCUIT, DIGITAL, PROM	ALSTRM-ADRL-OCRA	54687	OPT	A
	U39	• MICROCIRCUIT, DIGITAL, PROM	ALSTRM-ADRL-DUAL	54687	CPT	AB
-59	U40	SAME AS U5			1	
-60	U41	• SAME AS U5			1	
-61	U42	• SAME AS U5			1	
-62		• SOCKET, PLUG-IN ELECTRONIC COMPONENT, 14-PIN	C931402	73803	20	
-63		• SOCKET, PLUG-IN ELECTRONIC COMPONENT, 16-PIN	C931602	73803	18	
-64		• SOCKET, PLUG-IN ELECTRONIC COMPONENT, 24-PIN	C932402	73803	2	
-65		• PRINTED WIRING BOARD	102904	54687	1	

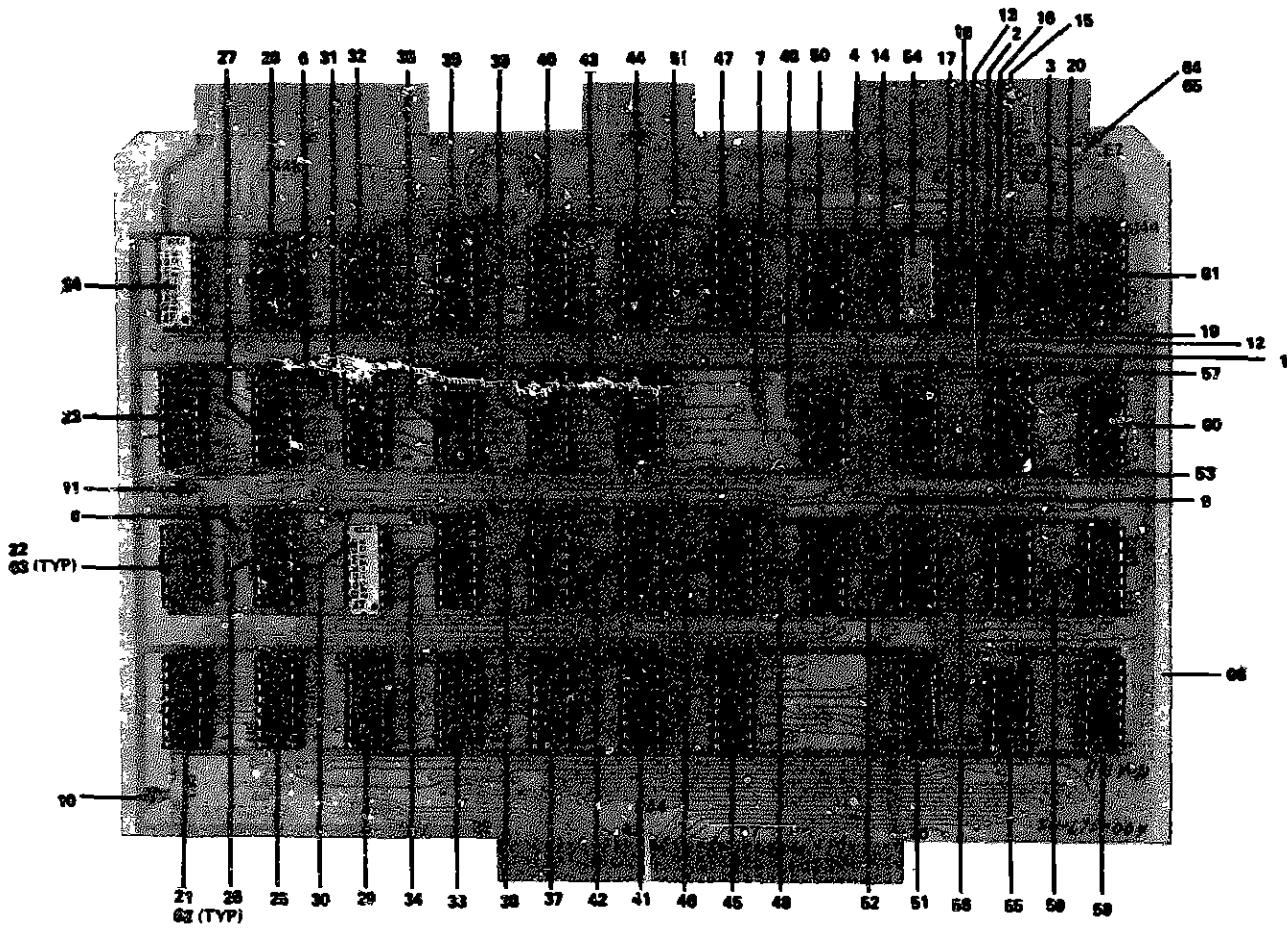


Figure 30. Memory and Output Control Circuit Card Assembly 1A14

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART MO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
30	1A14	MEMORY AND OUTPUT CONTROL CKT CDT ASSY(SEE FIG. 1-31 FOR NHA)	102407	54687	REF	
-1	C1	• CAPACITOR, FIXED, CERAMIC, .82 MF, 10%, 50 VDC	CK06BX824K	81349	1	
-2	C2	• SAME AS C1			1	
-3	C3	• CAPACITOR, FIXED, CERAMIC, .47 MF, 10%, 50 VDC	CKC6BX474K	81349	1	
-4	C4	• CAPACITOR, FIXED, CERAMIC, .05 MF, +80%-20%, 20 VDC	UK20-503	71590	1	
-5	C5	SAME AS C4			1	
-6	C6	• SAME AS C4			1	
-7	C7	SAME AS C4			1	
-8	C8	SAME AS C4			1	
-9	C9	• SAME AS C4			1	
-10	C10	CAPACITOR, FIXED, ELECTROLYTIC, 6.8 MF, 20%, 6 VDC	T362A685M006AS	05397	1	
-11	C11	CAPACITOR, FIXED, CERAMIC, .25 MF, 5%, 1K VDC	DD251	71590	1	
-12	C12	• SAME AS C4			1	
-13	R1	• RESISTOR, FIXED, COMPOSITION, 1K OHMS, 5%, 1/4 W	RCR07G102JS	81349	1	
-14	R2	SAME AS R1			1	
-15	R3	• RESISTOR, FIXED, COMPOSITION, 820 OHMS, 5%, 1/4 W	RCR07G821JS	81349	1	
-16	R4	RESISTOR, FIXED, COMPOSITION, 120 OHMS, 5%, 1/4 W	RCR07G121JS	81349	1	
-17	R5	RESISTOR, FIXED, COMPOSITION, 470 OHMS, 5%, 1/4 W	RCR07G471JS	81349	1	
-18	R6	• SAME AS R1			1	
-19	R7	RESISTOR, FIXED, COMPOSITION, 33K OHMS, 5%, 1/4 W	RCR07G333JS	81349	1	
-20	R8	• RESISTOR, FIXED, COMPOSITION, 12K OHMS, 5%, 1/4 W	RCR07G123JS	81349	1	
-21	U1	MICROCIRCUIT, DIGITAL, 4-BIT D-TYPE REGISTER WITH TRISTATE OUTPUTS	SN74173N	01295	1	
-22	U2	MICROCIRCUIT, DIGITAL, DUAL 4-INPUT POSITIVE-NAND BUFFER	SN7440N	01295	1	
-23	U3	• MICROCKT, DGTL, SYNCHRONOUS UP/DCWN 4-BIT BINARY COUNTER(2 CLK LINES)	SN74193N	01295	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
30						
-24	U4	• RESISTER NETWORK	899-1R1-OK	73138	1	
-25	U5	• SAME AS U1			1	
-26	U6	• SAME AS U1			1	
-27	U7	• SAME AS U1			1	
-28	U8	• MICROCIRCUIT,DIGITAL,HEX INVERTER	SN7404N	01295	1	
-29	U9	• MICROCIRCUIT,DIGITAL,QUAD 2-LINE- TO-1-LINE DATA SEL/MULTIPLIER	SN74S257N	01295	1	
-30	U10	• SAME AS U4			1	
-31	U11	• SAME AS U1			1	
-32	U12	• SAME AS U8			1	
-33	U13	• SAME AS U9			1	
-34	U14	• SAME AS U1			1	
-35	U15	SAME AS U9			1	
-36	U16	SAME AS U1			1	
-37	U17	• SAME AS U3			1	
-38	U18	• SAME AS U3			1	
-39	U19	• SAME AS U9			1	
-40	U20	• SAME AS U1			1	
-41	U21	• SAME AS U3			1	
-42	U22	SAME AS U3			1	
-43	U23	SAME AS U9			1	
-44	U24	• SAME AS U1			1	
-45	U25	SAME AS U3			1	
-46	U26	• SAME AS U3			1	
-47	U28	SAME AS U1			1	
-48	U30	MICROCIRCUIT,DIGITAL,DUAL D-TYPE EDGE-TRIGGERED FLIP-FLCP	SN7474N	01295	1	
-49	U31	• SAME AS U30			1	
-50	U32	• MICROCKT,DGTL,QUAD 2-INPUT PCSI- TIVE-NAND BUFFER(OPEN COLLECTOR)	SN7438N	01295	1	
-51	U33	• MICROCIRCUIT,DIGITAL,3-LINE-TO-8- LINE DECODER/DEMULTIFLEXER	SN74S138N	01295	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
30						
-52	U34	SAME AS U30			1	
-53	U35	SAME AS U30			1	
-54	U36	MICROCIRCUIT, LINEAR, VOLTAGE COMPARATOR	LM311D	27014	1	
-55	U37	• MICROCIRCUIT, DIGITAL, DUAL 4-INPUT POSITIVE-NAND BUFFER	SN74H40N	01295	1	
-56	U38	MICROCIRCUIT, DIGITAL, HEX INVERTER	SN74H04N	01295	1	
-57	U39	• MICROCIRCUIT, DIGITAL, HEX D-TYPE FLIP-FLOP WITH CLEAR	SN74174N	01295	1	
-58	U41	• SAME AS U33			1	
-59	U42	• MICROCIRCUIT, DIGITAL, DUAL J-K MASTER-SLAVE FLIP-FLOP	SN74107N	01295	1	
-60	U43	• MICROCIRCUIT, DIGITAL, QUAD 2-INPUT POSITIVE-NAND GATE	SN74H00N	01295	1	
-61	U44	• MICROCKT, DGTL, DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATOR W/CLEAR	SN74123N	01295	1	
-62		SOCKET, PLUG-IN, ELECTRONIC COMPONENT, 16-PIN	C821600	01295	26	
-63		• SOCKET, PLUG-IN, ELECTRONIC COMPONENT, 14-PIN	C821400	01295	15	
-64		WIRE, ELECTRIC, COPPER, BARE, NO 22 AWC, TINNED	NAS703-22UC9	80205	AR	
-65		• INSULATION SLEEVING, SHRINK, TEFLON, CLEAR	FIT105-1-8	92194	AR	
-66		PRINTED WIRING BOARD	102408	54687	1	

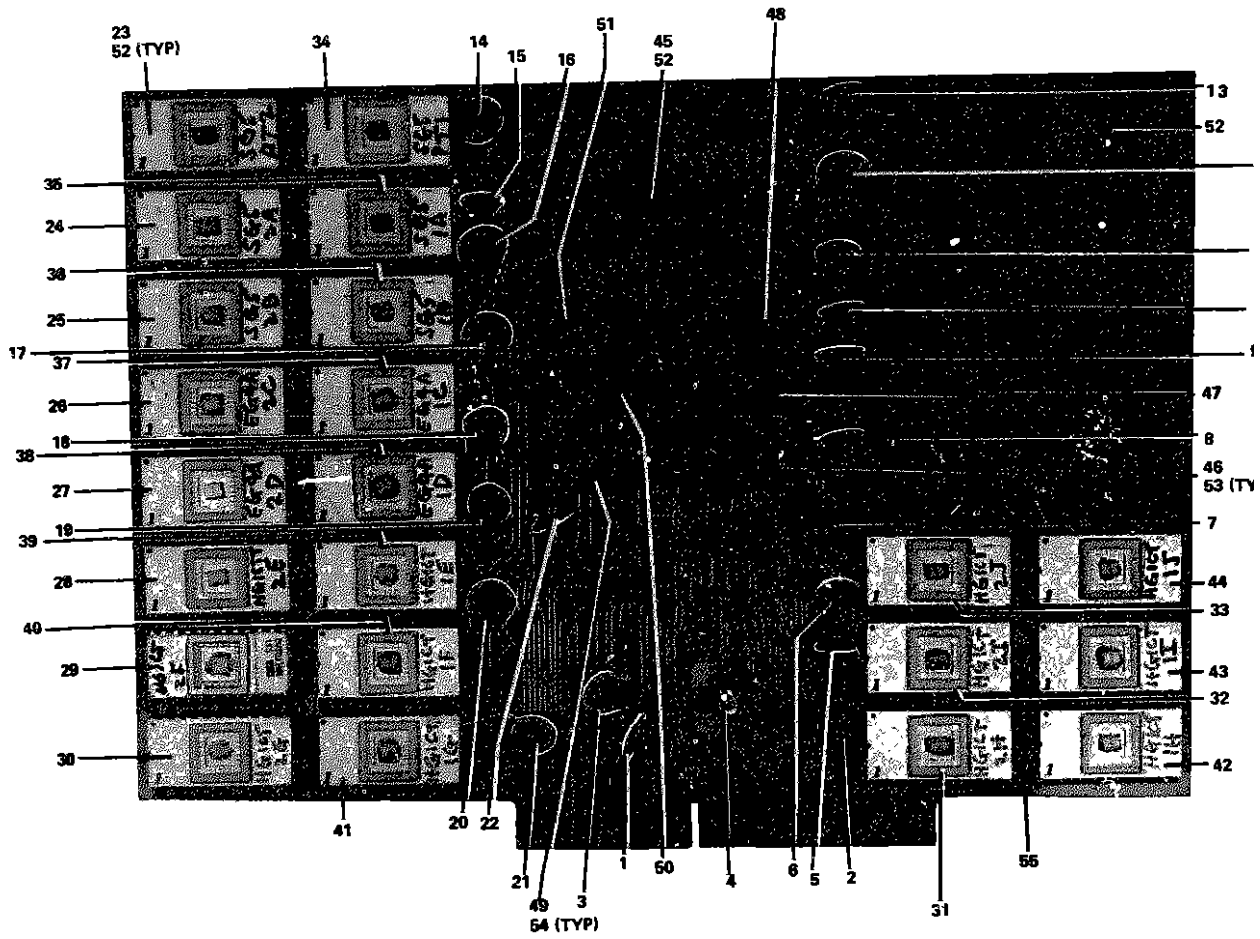


Figure 31. Executive 4K Macro Memory Circuit Card Assembly



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
31	1A15	EXECUTIVE 4K MACRO-MEMORY CKT CD ASSY(SEE FIG. 1-32)	103390-1	54687	REF	
-1	C1	CAPACITOR, FIXED, CERAMIC, .05 MF, +80-20%, 20 VDC	UK20-503	71590	1	
-2	C2	CAPACITOR, FIXED, CERAMIC, 6.8 MF, 20%, 6 VDC	T368A685M006AS	05397	1	
-3	C3	• SAME AS C1			1	
-4	C4	• CAPACITOR, FIXED, ELECTROLYTIC, 22 MF, 20%, 15 VDC	T3688226M015AS	05397	1	
-5	C5	SAME AS C1			1	
-6	C6	SAME AS C1			1	
-7	C7	• SAME AS C1			1	
-8	C8	SAME AS C1			1	
-9	C9	SAME AS C1			1	
-10	C10	SAME AS C1			1	
-11	C11	• SAME AS C1			1	
-12	C12	SAME AS C1			1	
-13	C13	• SAME AS C1			1	
-14	C14	• SAME AS C1			1	
-15	C15	SAME AS C1			1	
-16	C16	SAME AS C1			1	
-17	C17	SAME AS C1			1	
-18	C18	SAME AS C1			1	
-19	C19	SAME AS C1			1	
-20	C20	• SAME AS C1			1	
-21	C21	• SAME AS C1			1	
-22	C22	SAME AS C1			1	
-23	U1	• MICROCIRCUIT, DIGITAL, PROM	SG5-PT2	54687	1	
-24	U2	• MICROCIRCUIT, DIGITAL, PROM	S65-2A	54687	1	
-25	U3	• MICROCIRCUIT, DIGITAL, PROM	SG5-2B	54687	1	
-26	U4	• MICROCIRCUIT, DIGITAL, PROM	EG4A-2C	54687	1	
-27	U5	• MICROCIRCUIT, DIGITAL, PROM	EG4A-2D	54687	1	
-28	U6	MICROCIRCUIT, DIGITAL, PROM	HG1CT-2E	54687	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
31						
-29	U7	• MICROCIRCUIT, DIGITAL, PROM	HG1CT-2F	54687	1	
-30	U8	• MICROCIRCUIT, DIGITAL, PROM	HG1CT-2G	54687	1	
-31	U9	• MICROCIRCUIT, DIGITAL, PROM	HG1CT-2H	54687	1	
-32	U10	• MICROCIRCUIT, DIGITAL, PROM	HG1CT-2I	54687	1	
-33	U11	• MICROCIRCUIT, DIGITAL, PROM	HG1CT-2J	54687	1	
-34	U17	• MICROCIRCUIT, DIGITAL, PROM	SG5-PT1	54687	1	
-35	U18	• MICROCIRCUIT, DIGITAL, PROM	SG5-1A	54687	1	
-36	U19	• MICROCIRCUIT, DIGITAL, PROM	SG5-1B	54687	1	
-37	U20	• MICROCIRCUIT, DIGITAL, PROM	EG4A-1C	54687	1	
-38	U21	• MICROCIRCUIT, DIGITAL, PROM	EG4A-1D	54687	1	
-39	U22	• MICROCIRCUIT, DIGITAL, PROM	HG1CT-1E	54687	1	
-40	U23	• MICROCIRCUIT, DIGITAL, PROM	HG1CT-1F	54687	1	
-41	U24	• MICROCIRCUIT, DIGITAL, PROM	HG1CT-1G	54687	1	
-42	U25	• MICROCIRCUIT, DIGITAL, PROM	HG1CT-1H	54687	1	
-43	U26	• MICROCIRCUIT, DIGITAL, PROM	HG1CT-1I	54687	1	
-44	U27	• MICROCIRCUIT, DIGITAL, PROM	HG1CT-1J	54687	1	
-45	U33	• MICROCIRCUIT, DIGITAL, 4-LINE TO 16-LINE (1 OF 16) DCOR/MULTIPLEXE	SN74154N	01295	1	
-46	U34	• MICROCIRCUIT, DIGITAL, HEX D-TYPE FLIP-FLOP WITH CLEAR	SN74174N	01295	1	
-47	U35	SAME AS U34			1	
-48	U36	• SAME AS U34			1	
-49	U37	• MICROCIRCUIT, DIGITAL, HEX INVERTE	SN7404N	01295	1	
-50	U38	• SAME AS U37			1	
-51	U39	SAME AS U37			1	
-52		• SOCKET, PLUG-IN, ELECTRONIC COMPONENT, 24-PIN	C822400	01295	33	
-53		• SOCKET, PLUG-IN, ELECTRONIC COMPONENT, 16-PIN	C821600	01295	3	
-54		• SOCKET, PLUG-IN, ELECTRONIC COMPONENT, 14-PIN	C821400	01295	3	
-55		PRINTED WIRING BOARD	102431	54687	1	

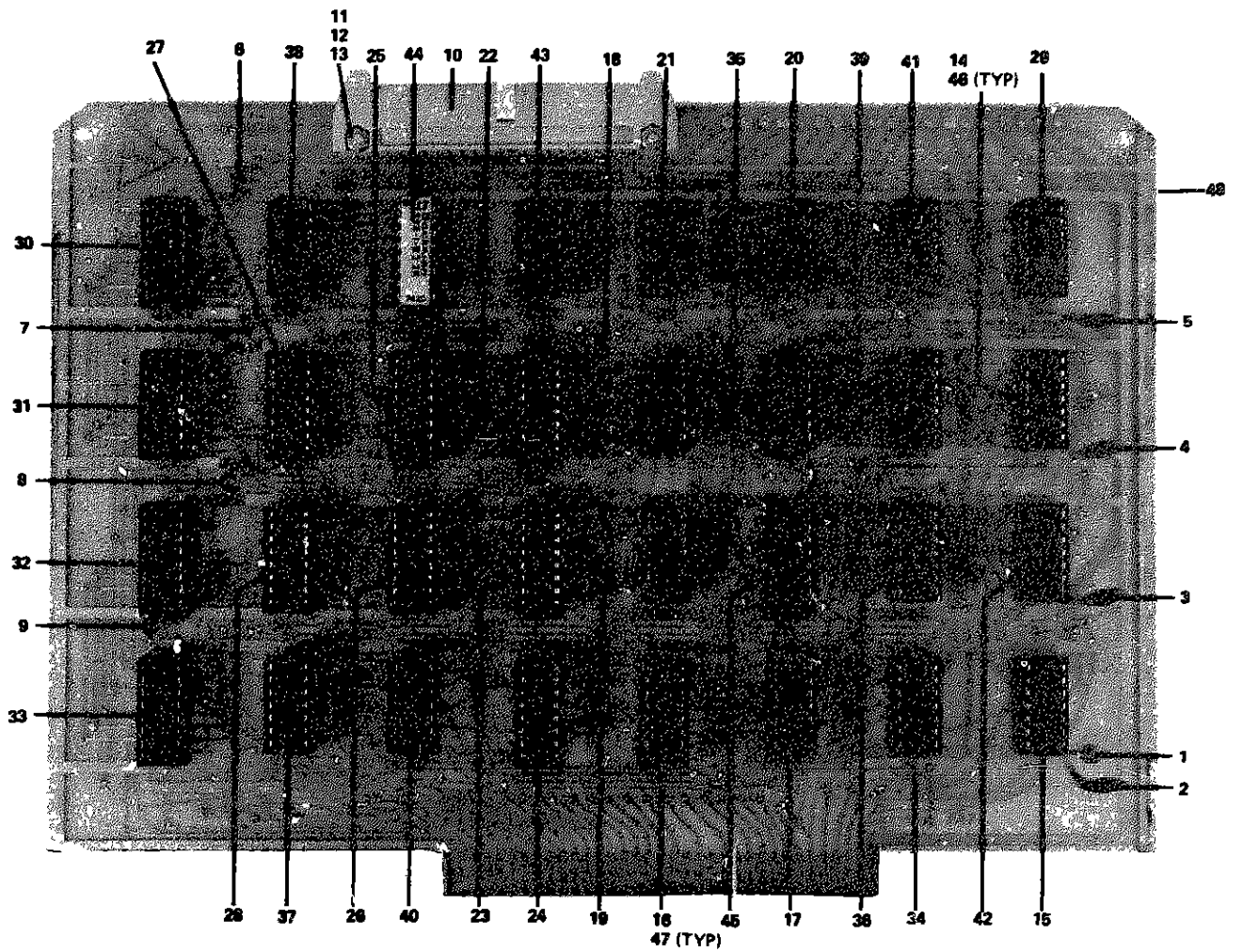


Figure 32. Executive Logic Circuit Card Assembly 1A16

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
32	116	EXECUTIVE MACRO-LOGIC CIRCUIT CARD ASSY (SEE FIGURE 1-33 FOR NHA)	102164	54687	REF	
-1	C1	• CAPACITOR, FIXED, ELECTROLYTIC, 68 MF, 20%, 6 VDC	T368A685M006AS	05357	1	
-2	C2	CAPACITOR, FIXED, CERAMIC, 05 MF, PLUS 80 MINUS 20%, 20VDC	UK20-503	71590	1	
-3	C3	• SAME AS C2			1	
-4	C4	SAME AS C2			1	
-5	C5	• SAME AS C2			1	
-6	C6	• SAME AS C1			1	
-7	C7	• SAME AS C1			1	
-8	C8	• SAME AS C1			1	
-9	C9	• SAME AS C1			1	
-10	J47A	CONNECTOR, RECEPTACLE, ELECTRICAL, 40-PIN	3432-1002	04963	1	
		(ATTACHING PARTS)				
-11		SCREW, MACHINE	MS35221-5	96906	2	
-12		WASHER, FLAT, NYLON	5610-11-20	86928	2	
-13		• NUT, PLAIN, HEX	MS535649-224	96906	2	
-14	U1	MICROCIRCUIT, DIGITAL, 8-BIT PARALLEL-OUT SERIAL SHIFT REGTR	SN74164N	01295	1	
-15	U2	• MICROCIRCUIT, DIGITAL, QUAD 2-INPUT POSITIVE-NAND GATE	SN7400N	01295	1	
-16	U3	• MICROCIRCUIT, DIGITAL, BCD-TO-DECIMAL DECODER	SN7442N	01295	1	
-17	U4	• MICROCIRCUIT, DIGITAL, HEX INVERTER	SN7404N	01295	1	
-18	U5	• MICROCIRCUIT, DIGITAL, DUAL 2-WIDE 2-INPUT AND-OR INVERT GATE	SN7451N	01295	1	
-19	U6	• MICROCIRCUIT, DIGITAL, DUAL D-TYPE EDGE-TRIGGERED FLIP FLOP	SN7474N	01295	1	
-20	U7	SAME AS U2			1	
-21	U8	SAME AS U2			1	
-22	U9	MICROCIRCUIT, DIGITAL, SYN UP/DOWN 4-BIT BC (TWC CLOCK LINES)	SN74193N	01295	1	
-23	U10	SAME AS U9			1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
32						
-24	U11	SAME AS U9			1	
-25	U12	• MICROCIRCUIT, DIGITAL, QUAD 2-LINE TO 1-LINE DATA SEL/MULTIPLEXER	SN74S257N	01295	1	
-26	U13	• SAME AS U12			1	
-27	U14	SAME AS U9			1	
-28	U15	SAME AS U9			1	
-29	U16	SAME AS U6			1	
-30	U17	MICROCIRCUIT, DIGITAL, SCHOTTKY BIPOLAR HS FULLY RCD 64-BIT MEM	P3101A	34335	1	
-31	U18	SAME AS U17			1	
-32	U19	• SAME AS U17			1	
-33	U20	• SAME AS U17			1	
-34	U21	• MICROCIRCUIT, DIGITAL, DUAL 4-INPUT POSITIVE-NAND BUFFER	SN7440N	01295	1	
-35	U22	SAME AS U2			1	
-36	U23	SAME AS U21			1	
-37	U24	• SAME AS U4			1	
-38	U25	• SAME AS U4			1	
-39	U26	• SAME AS U4			1	
-40	U27	• SAME AS U4			1	
-41	U28	• SAME AS U4			1	
-42	U29	• SAME AS U4			1	
-43	U30	• SAME AS U6			1	
-44	U31	• RESISTOR NETWORK	898-1R2-2K	73138	1	
-45	U32	• SAME AS U3			1	
-46		SOCKET, PLUG-IN ELECTRONIC COMPONENT, 14-PIN	C931402	73803	18	
-47		SOCKET, PLUG-IN, ELECTRONIC COMPONENT, 16-PIN	C931602	73803	14	
-48		PRINTED WIRING BOARD	102162	54687	1	

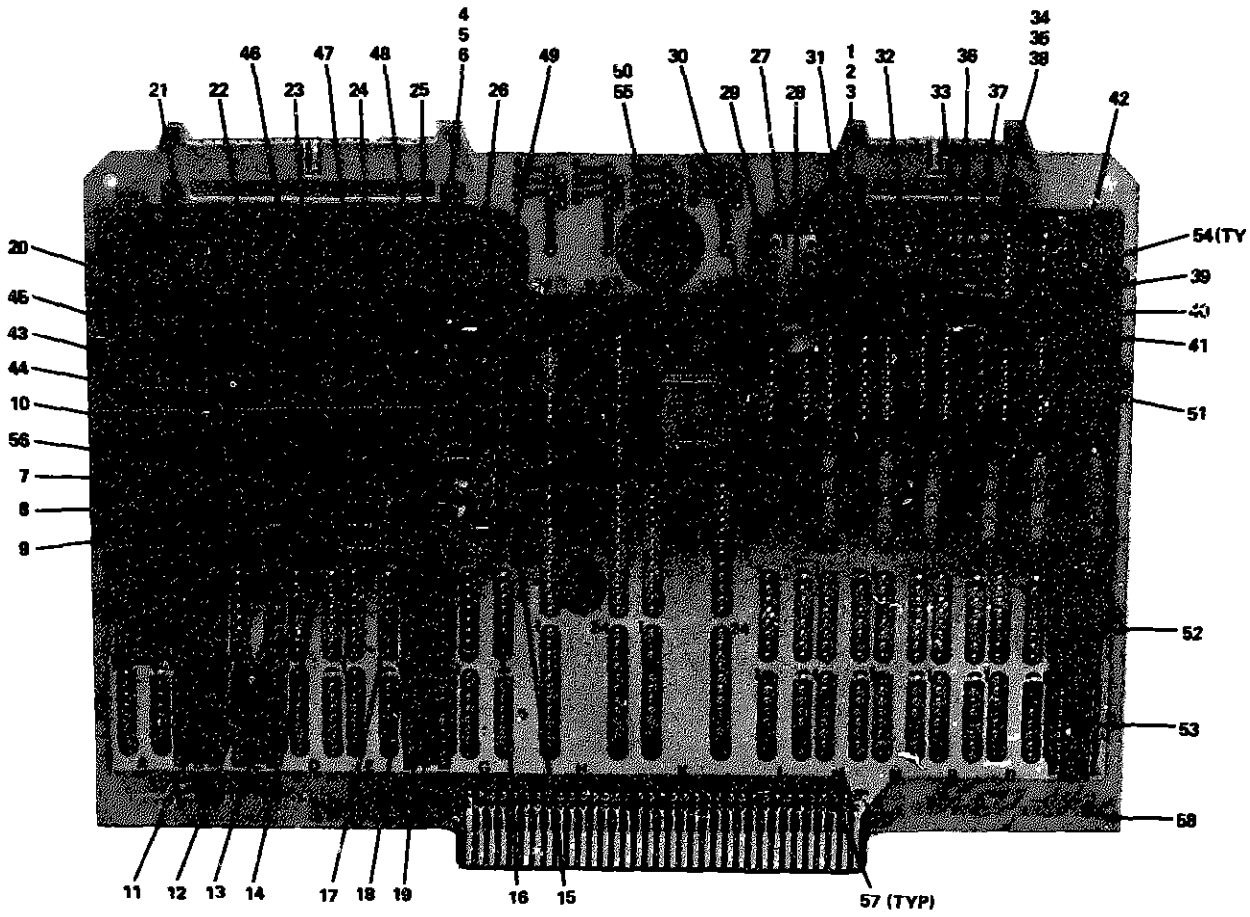


Figure 33. Buffer Zero and MIL 188B Interface Circuit Card Assembly 1A17

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
33	1A17	BUFFER ZERO AND MIL-188B WIREWRAP CKT CD ASSY (SEE FIG 1-34 FOR NHA)	103235	54687	REF	
-1	J2	CONNECTOR, RECEPTACLE, ELECTRICAL, 20 PIN  (ATTACHING PARTS)	3428-3005	53387	1	
-2		SCREW, MACHINE	MS51957-5	96906	2	
-3		NUT PLAIN, HEX -----*	MS35649-224	96906	2	
-4	J3	CONNECTOR RECEPTACLE, ELECTRICAL  (ATTACHING PARTS)	432-3005	53387	1	
-5		SCREW MACHINE	MS51957-5	96906	2	
-6		NUT, PLAIN, HEX -----*	MS35649-224	96906	2	
-7	RN2-3-4	RESISTOR FIXED, COMPOSITION, 1K, 5%, 1/4W	RCR07G102JS	81349	1	
-8	RN2-5-6	SAME AS RN2-3-4			1	
-9	RN2-7-8	SAME AS RN2-3-4			1	
-10	RN3-1-2	RESISTOR, FIXED, COMPOSITION, 1.5K, 5%, 1/4W	RCR07G152JS	81349	1	
-11	RN3-3-4	SAME AS RN2-3-4			1	
-12	RN3-5-6	SAME AS RN2-3-4			1	
-13	RN3-7-8	RESISTOR, FIXED, COMPOSITION, 4.7K, 5%, 1/4W	RCR07G472JS	81349	1	
-14	RN3-9-10	SAME AS RN3-7-8			1	
-15	RN4-1-2	RESISTOR, FIXED, COMPOSITION 270 OHMS, 5%, 1/4W	RCR07G271JS	81349	1	
-16	RN4-3-4	CAPACITOR, FIXED, ELECTROLYTIC, 2.2MF, 20%, 15 VDC	T362A225K015AS	05397	1	
-17	RN4-5-6	SAME AS RN4-3-4			1	
-18	RN4-7-8	SEMICONDUCTOR DEVICE, DIODE	1N4733	04713	1	
-19	RN4-9-10	RESISTOR FIXED, COMPOSITION 6.2K 5% 1/4W	RCR07G622JS	81349	1	
-20	1A	CRYSTAL OSCILLATOR, RF	K1091A4-9152MHZ	04713	1	
-21	1B	MICROCIRCUIT, DIGITAL SYNC UP/DOWN 4 BIT BINARY CNTR (2 CLOCK LINES)	SN74193N	01295	1	
-22	1C	SAME AS 1B			1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
33-23	1D	MICROCIRCUIT, DIGITAL, DUAL D- TYPE EDGE-TRIGGERED FLIP-FLOP		01295	1	
-24	1E	SAME AS 1D			1	
-25	1F	MICROCIRCUIT, DIGITAL HEX IN- VERTER	SN7404N	01295	1	
-26	1G	SAME AS 1F			1	
-27	1L	PLATFORM	6141-16	23880	1	
-28	1L-6-11	RESISTOR, FIXED, COMPOSITION, 6 BK, 5%, 1/4W	RCR07G682JS	81349	1	
-29	1L-7-10	SAME AS 1L-6-11			1	
-30	1L-8-9	CAPACITOR, FIXED, CERAMIC, 01MF, 50 VDC	CK103	71590	1	
-31	1M	MICROCIRCUIT, DIGITAL HEX INVER- TER	SN74L04N	01295	1	
-32	1N	MICROCIRCUIT, DIGITAL DUAL COM- MUNICATIONS EIA/MIL LINE DRIVER	N8T15A	18324	1	
-33	1P	SAME AS 1L			1	
-34	1P-12	CAPACITOR, FIXED, CERAMIC, 047MF, 50 VDC	8121-050-651- 473M	72982	1	
-35	1P-13	SAME AS 1P-12			1	
-36	1P-2-15	RESISTOR, FIXED, COMPOSITION, 47 OHMS, 5%, 1/4W	RCR07G470JS	81349	1	
-37	1P-3-14	SAME AS 1P-2-15			1	
-38	1P-5	SAME AS 1P-12			1	
-39	1P-6 11	SAME AS 1P-2-15			1	
-40	1P-7-10	SAME AS 1P-2-15			1	
-41	1P-9	SAME AS 1P-12			1	
-42	1S	MICROCIRCUIT, DIGITAL DUAL 128- BIT STATIC ACCUMULATOR	TMS3114NC	01295	1	
-43	2A	SAME AS 1B			1	
-44	2B	SAME AS 1B			1	
-45	2C	SAME AS 1N			1	
-46	2D	MICROCIRCUIT, DIGITAL, QUAD 2- INPUT POSITIVE-NAND BUFFER (OPEN COLL )	SN7438N	01295	1	
-47	2E	MICROCIRCUIT, DIGITAL, HEX D- TYPE FLIP-FLOP WITH CLEAR	SN74174N	01295	1	



## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
33-48	2F	MICROCIRCUIT, DIGITAL. DUAL COM- MUNICATIONS EIA/MIL LINE RECEIVER	N8T16A	18324	1	
-49	2G	MICROCIRCUIT, DIGITAL, QUAD 2- INPUT POSITIVE- AND GATE	SN7408N	01295	1	
-50	2K	MICROCIRCUIT, DIGITAL, TERMINAL TRANSMITTER, P-CHANNEL MOS	MC2257L	04713	1	
-51	2S	SAME AS 1S			1	
-52	4S	SAME AS 1S			1	
-53	5S	SAME AS 1S			1	
-54		SOCKET, PLUG-IN ELECTRONIC COM- PONENT, 16 PIN	CA16S101	5072	22	
-55		SOCKET, PLUG-IN ELECTRONIC COM- PONENT, 24 PIN	CA24S101	52072	1	
-56		CONTACT, ELECTRICAL	PS5047-125	06776	1	
-57		CONTACT, ELECTRICAL	Z5010-11	82647	70	
-58		PRINTED WIRING BOARD	102914	54687	1	

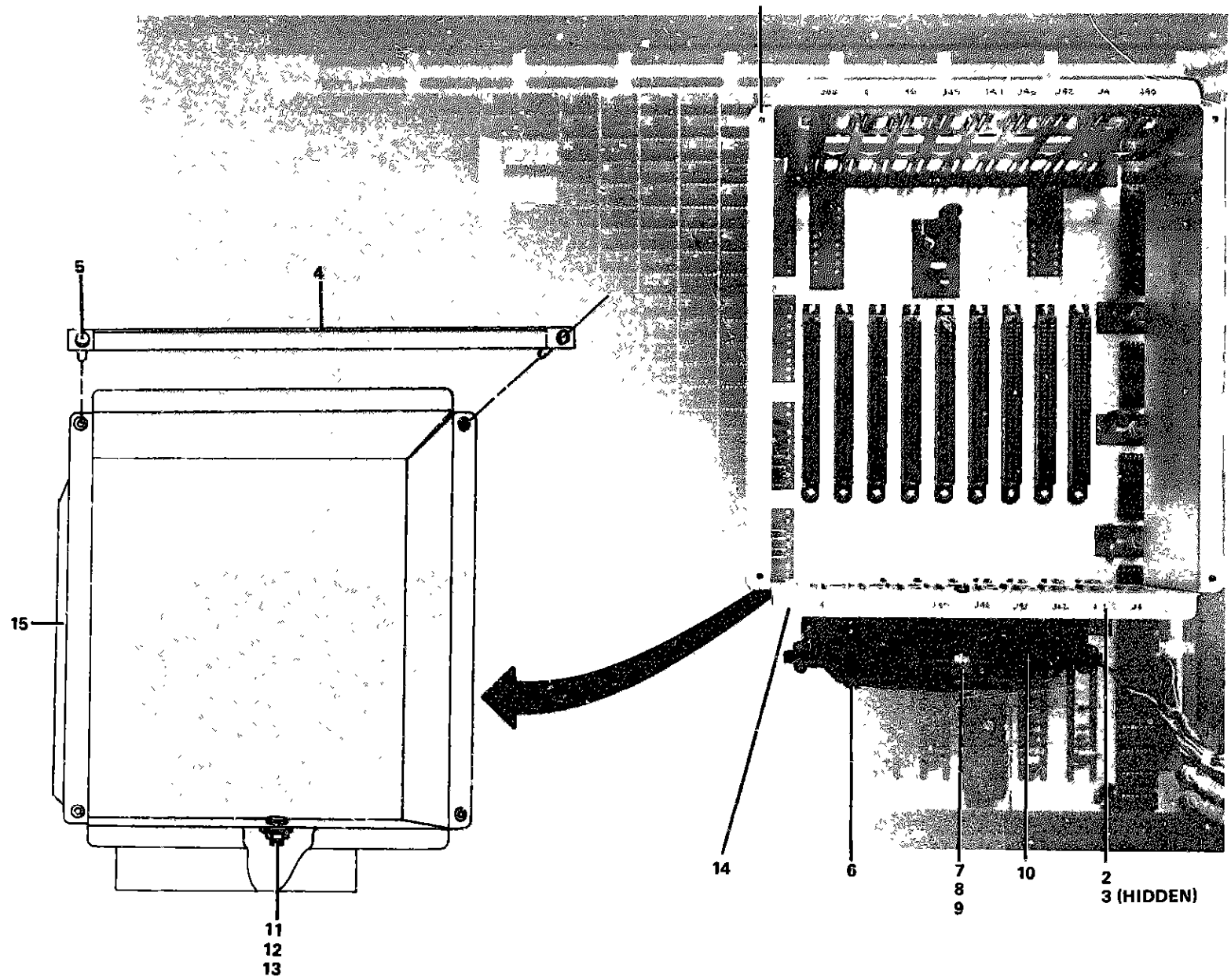


Figure 34. Card Rack Assembly 1A18

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USA O CO
34	1A18	CARD RACK ASSY(SEE FIG. 1-35 FOR NHA)	103592	54687	REF	
-1		• RACK,CIRCUIT CARD,SINGLE LEVEL, CRS,ZINC-PLATED  (ATTACHING PARTS)	102323	54687	1	
-2		• SCREW,MACHINE -----*	MS35221-31	96906	REF	
-3		• FASTENER,SELF-LOCKING	P632	47348	6	
-4		• RETAINER STRAP ASSEMBLY,CKT CD	102351	54687	2	
-5		• • SCREW,CAP,SLOTTED HEAD,KNURLED	6101SS0632	06540	4	
-6		• SHROUD,FAN  (ATTACHING PARTS)	65-175	92702	1	
-7		• SCREW,MACHINE	MS35233-31	96906	4	
-8		• WASHER,LOCK,INTERNAL TOOTH	MS35333-37	96906	4	
-9		• NUT,PLAIN,HEX -----*	MS35649-262	96906	4	
-10		• FAN,CIRCULATING  (ATTACHING PARTS)	BS2107FL	92702	1	
-11		• SCREW,MACHINE	MS24693S28	96906	4	
-12		• WASHER,LOCK,INTERNAL TOOTH	MS35333-37	96906	4	
-13		• NUT,PLAIN,HEX -----*	MS35649-262	96906	4	
-14		• PLATE,DESIGNATION	102454	54687	2	
-15		• PLATE,INSTRUCTION,ADHESIVE BACKING	102589	54687	1	

←-01C-→

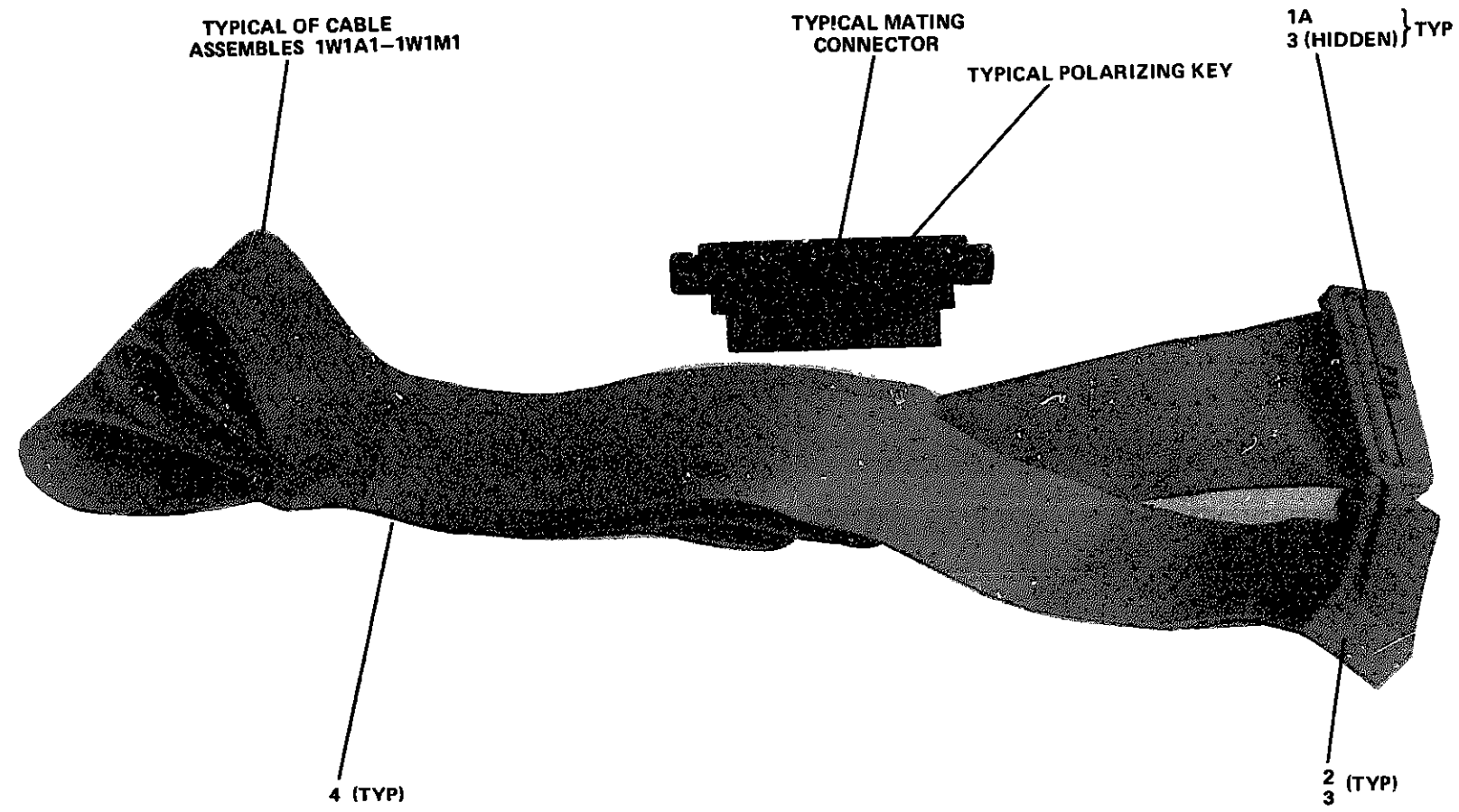


Figure 35. Interconnection Cable Assemblies 1W1

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
35	LW1	INTERCONNECTING CABLE ASSEMBLIES (SEE FIG. 1-37 FOR NHA)	102465	54687	AR	
-1	LW1A1	CABLE ASSY	102465-1	54687	1	
-1A	P104	• CONNECTOR, PLUG, ELECTRICAL	3461-0001	75037	1	
-2	P302	• SAME AS P104			1	
-3		• KEY, POLARIZING	3439-0000	75037	2	
-4		• CABLE, ELECTRICAL, #28 STRANDED, PVC INSULATION, 20-CONDUCTOR	3365-20	75037	AR	
-5	LW1B1	CABLE ASSY	103319	54687	1	
-6	P28	• CONNECTOR, PLUG, ELECTRICAL	3417-3000	75037	1	
-7		• CONNECTOR, PLUG, ELECTRICAL	3461-0000	75037	1	
-8		• KEY, POLARIZING	3435-0000	75037	2	
-9		• KEY, POLARIZING	3439-0000	75037	1	
-10		• CABLE, ELECTRICAL, #28 STRANDED, PVC INSULATION, 20-CONDUCTOR	3365-20	75037	AR	
-11	LW1C1	CABLE ASSY	102465-3	54687	1	
-12	P40A	• CONNECTOR, PLUG, ELECTRICAL	3421-3000	75037	1	
-13	P102	SAME AS P40A			1	
-14		• KEY, POLARIZING	3435-0000	75037	2	
-15		• CABLE, ELECTRICAL, #28 STRANDED, PVC INSULATION, 20-CONDUCTOR	3365-20	75037	AR	
-16	LW1D1	CABLE ASSY	102465-4	54687	1	
-17	P41A	SAME AS P28			1	
-18	P330	• SAME AS P28			1	
-19		• KEY, POLARIZING	3435-0000	75037	2	
-20		• CABLE, ELECTRICAL, #28 STRANDED, PVC INSULATION, 40-CONDUCTOR	3365-40	75037	AR	
-21	LW1E1	CABLE ASSY	102465-5	54687	1	
-22	P33	• SAME AS P28			1	
-23	P310	• SAME AS P104			1	
-24		• KEY, POLARIZING	3435-0000	75037	3	
-25		• KEY, POLARIZING	3439-0000	75037	1	
-26		• CABLE, ELECTRICAL, #28 STRANDED, PVC INSULATION, 20-CONDUCTOR	3365-20	75037	AR	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
35						
-27	LW1F1	CABLE ASSY	102465-6	54687	1	
-28	P34	. SAME AS P28			1	
-29	P301	. CONNECTOR, PLUG, ELECTRICAL	3464-0001	75037	1	
-30		. KEY, POLARIZING	3435-0000	75037	3	
-31		. KEY, POLARIZING	3439-0000	75037	1	
-32		. CABLE, ELECTRICAL, #28 STRANDED, PVC INSULATION, 40-CONDUCTOR	3365-40	75037	AR	
-33	LW1G1	CABLE ASSY	102465-7	54687	1	
-34	P31	. SAME AS P28			1	
-35	P341	. SAME AS P301			1	
-36		. KEY, POLARIZING	3435-0000	75037	3	
-37		. KEY, POLARIZING	3439-0000	75037	1	
-38		. CABLE, ELECTRICAL, #28 STRANDED, PVC INSULATION, 40-CONDUCTOR	3365-40	75037	AR	
-39	LW1H1	CABLE ASSY	103320	54687	1	
-40	P1	. SAME AS P28			1	
-41	P27	. SAME AS P28			1	
-42		. KEY, POLARIZING	3435-0000	75037	2	
-43		. CABLE, ELECTRICAL, #28 STRANDED, PVC INSULATION, 40-CONDUCTOR	3365-40	75037	AR	
-44	LW1J1	CABLE ASSY	102465-9	54687	1	
-45	P6	. SAME AS P28			1	
-46	P47A	. SAME AS P28			1	
-47		. KEY, POLARIZING	3435-0000	75037	2	
-48		. CABLE, ELECTRICAL, #28 STRANDED, PVC INSULATION, 40-CONDUCTOR	3365-40	75037	AR	
-49	LW1K1	CABLE ASSY	102465-10	54687	1	
-50	P448	. SAME AS P301			1	
-51	P370	. SAME AS P301			1	
-52		. KEY, POLARIZING	3439-0000	75037	2	
-53		. CABLE, ELECTRICAL, #28 STRANDED, PVC INSULATION, 40-CONDUCTOR	3365-40	75037	AR	
-54	LW1L1	CABLE ASSY	103321	54687	1	

## GROUP ASSEMBLY PARTS LIST

FIG & INDEX NO	REF DES/ LOCATOR	DESCRIPTION	PART NO	CODE IDENT	UNITS PER ASSY	USABLE ON CODE
35						
-55	P48A2	• SAME AS P40A			1	
-56		• TERMINAL,LUG	321019	00779	6	
-57		KEY,POLARIZING	3435-0000	75037	1	
-58		• CABLE,ELECTRICAL,#28 STRANDED, PVC INSULATION,20-CONDUCTOR	3365-20	75037	AR	
-59	LW1M1	CABLE ASSY	102465-12	54687	1	
-60	P44A	• SAME AS P40A			1	
-61		KEY,POLARIZING	3439-0000	75037	1	
-62		• CABLE,ELECTRICAL,#28 STRANDED, PVC INSULATION,40-CONDUCTOR	3365-40	75037	AR	
-63		• INSULATION SLEEVING,SHRINK	FIT221X3/4	92194	AR	

SECTION III

NUMERICAL INDEX



NUMERICAL INDEX

Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
APAS-A	5 + 514+137	3 -110	1	XRFZ7-	
AC00050		20 -60	1	PAF77M	
ALST01-ADL-11M		20 -58P	0PT		
ALST01-ADL-12A		20 -58A	0PT		
ALST01-ADL-130		20 -58	1	PAF77M	
ALST01-ADL-14M		20 -57R	0PT		
ALST01-ADL-15A		20 -57A	0PT		
ALST01-ADL-16R		20 -57	1		
ALST01-ADL-17		20 -11A	0PT		
ALST01-ADL-18		20 -12A	0PT		
ALST01-ADL-19		20 -15A	0PT		
ALST01-ADL-20		20 -16A	0PT		
ALST01-ADL-21		20 -17A	0PT		
ALST01-ADL-22		20 -18A	0PT		
ALST01-ADL-23		20 -19A	0PT		
ALST01-ADL-24		20 -20A	0PT		
ALST01-ADL-25		20 -21A	0PT		
ALST01-ADL-26		20 -22A	0PT		
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ALST01-ADL-42		20 -38A	0PT		
ALST01-ADL-43		20 -39A	0PT		
ALST01-ADL-44		20 -40A	0PT		
ALST01-ADL-45		20 -41A	0PT		
ALST01-ADL-46		20 -42A	0PT		
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ALST01-ADL-97		20 -93A	0PT		
ALST01-ADL-98		20 -94A	0PT		
ALST01-ADL-99		20 -95A	0PT		
ALST01-ADL-100		20 -96A	0PT		

## NUMERICAL INDEX

Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
ALSTRM-OCRB-5R		28 -19	1		
ALSTRM-OCRB-6L		28 -6	1		
ALSTRM-OCRB-6M		28 -13	1		
ALSTRM-OCRB-6R		28 -20	1		
AM27LSOOPC		26 -50	2	PAFZZN	
AN505-2-4	5305 1511682	20 -171	2	XBDZZ-	
AN505-4-4	5305 6559900	13 -304	4	XBFBZZ-	
AN505-4-4		13 -306	2		
AN505-4-5	5305 5775444	20 -16	4	PAFZZN	
AN505-4-5		20 -206	4	XBDZZ-	
AS568-117	5330NC867839P	13 -137	4	PAFZZN	
BS0C8632-26		17 -8	4	PAFZZN	
BS0C8632-26		23 -5	4		
BS2107FL	4140007892543	3 -116	1	PAFZZN	
BS2107FL		14 -24	1		
BS2107FL		34 -10	1		
BTK28-381		11 -167	AR	XBFBZZ-	
B105-22RED		11 -168	4	XBFBZZ-	
B105-22WHT		11 -169	216	XBFBZZ-	
B12-1-2		20 -295	AR	XBDZZ-	
CA10A		22 -78	1	PADZZN	
CA16S101		33 -54	22	PAFZZN	
CA24S101		33 -55	1	PAFZZN	
CA3082	5962 2001991	27 -36	4	PAFZZN	
CBS4N		4 -2	4	XBFBZZ-	
CG1-11A	3040 4285897	20 -63	1	PAFZZN	
CG5203U050V5L		3 -49	1	PAFZZN	
CK05BX101K	5910 8936748	5 -3	1	PAFZZN	
CK05BX101K		6 -6	2		
CK05BX101K		22 -2	3		
CK05BX103K	5910 1114811	26 -12	1		
CK05BX103K		27 -7	1		
CK05BX104K	5910 1145268	22 -1	1	PADZZN	
CK05BX222K		22 -12	2	PADZZN	
CK05BX330K	5910 7175824	7 -3	1	PAFZZN	
CK05BX470K	5910 9884415	6 -13	2	PAFZZN	
CK05BX470K		7 -8	1		
CK05BX473K	5910 1137671	16 -4	1	PAFZZN	
CK06BX334K	5910 1245084	26 -8	2		
CK06BX474K	5910 4004526	7 -6	2	PAFZZN	
CK06BX474K		30 -3	1		
CK06BX824K	5910 2337300	11 -81	2	PAFZZN	
CK06BX824K		30 -1	2		
CK103	5910000684475	33 -30	1	PAFZZN	
CK503	5910 9638070	5 -1	8	PAFZZN	
CK503		6 -3	15		
CK503		7 -1	9		

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Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
CK503	<b>5910 9638070</b>	8 -1	8		
CN75	<b>5975 8346780</b>	25 -14	2		
CPM-ALSTRM/OCRA-MSB		11 -56	OPT		
CPM-ALSTRM/OCRA-LSB		11 -59	OPT		
CPM-ALSTRM/OCRB-LSB		11 -42	1		
CPM-ALSTRM/OCRB-MSB		11 -29	1		
CS7	<b>5305 5775444</b>	20 -19	2	XBDZZ-	
C014-3		20 -296	1	XBFZZ-	
C080A120M334M	<b>5910 1374610</b>	6 -9	2	PAFZZN	
C080A120M334M		8 -11	2		
C080A120M334M		9 -2	1		
C5-32		13 -2900	1		
C811600		11 -158	443	PAFZZN	
C812400		11 -159	8	PAFZZN	
C821400		5 -32	1	PAFZZN	
C821400		6 -95	2		
C821400		27 -72	16		
C821400		30 -63	15		
C821400		31 -54	3		
C821600		27 -73	24	PAFZZN	
C821600		30 -62	26		
C821600		31 -53	3		
C822400		27 -74	1	PAFZZN	
C822400		28 -22	30		
C822400		31 -52	33		
C931402	<b>5935 4814140</b>	7 -101	2	PAFZZN	
C931402		16 -62	8		
C931402		18 -26	1		
C931402		26 -54	13		
C931402		29 -62	20		
C931402		32 -46	18		
C931602	<b>5935004814141</b>	18 -25	1	PAFZZN	
C931602		26 -55	11		
C931602		29 -63	18		
C931602		32 -47	14		
C932402	<b>5935003721678</b>	29 -64	2	PAFZZN	
DAC371-8	<b>5962 2756222</b>	11 -126A	2	PAFZZN	
DAMAF15PA106	<b>5935 0052634</b>	13 -275A	1	PAFZZN	
DA15SF179	<b>5935 4049090</b>	20 -54	1	XAFZZ-	

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Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
DD100	5910 0806474	7 -13	2	PAFZZN	
DD102	5910002416513	26 -10	1		
DD120	5910 9016152	11 -100	1	PAFZZN	
DD181	5910 6867881	22 -3	1	PADZZN	
DD202	5910005381508	11 -73	2	PAFZZN	
DD221	5910 6666468	26 -15	3		
DD251	5910 5397423	7 -24	1	PAFZZN	
DD251		26 -2	3		
DD251		30 -11	1		
DD330	5910 3441923	22 -11	1	PADZZN	
DK43	5355 1323677	13 -1	2	PAFZZN	
DT7100	5910007288083	11 -45	4		
DT7120	5910 5398401	11 -47	1	PAFZZN	
DT2542		3 -72	1	PAFZZN	
EA4004	5962NC649574F	27 -32	1	PAFZZN	
EC040708	3010 1377013	13 -238	1	XADZZ-	
EG4A-1C		31 -37	1		
EG4A-1D		31 -38	1		
EG4A-2C		31 -26	1		
EG4A-2D		31 -27	1		
ELT	6240000142454	20 -125	1	PAFZZN	
E51-00E	5930 4845042	13 -250	1	PAFZZN	
FE4-40		20 -168	2	XBDZZ-	
FHS032-10C	5307 9740610	3 -6	2	XBFZZN	
FHS032-10C		3 -11	1		
FHS032-10C		3 -21A			
FHS032-10C		3 -73	4		
FHS032-10C		3 -125	2		
FHS256-10C	5307 0629618	14 -44	2	PADZZN	
FHS440-10C	5307 9510518	3 -59	1	PAFZZN	
FHS440-10C		3 -63A	1		
FHS440-10C		3 -64A	1		
FHS440-8C	5307 7386293	14 -79	4	PAFZZN	
FHS632-8		17 -9	2		
FHS832-20C		14 -84	2		
FHO32-14		3 -32	REF	PAFZZN	
FHO32-14		3 -141	2		
FH440-4C	5307 9794536	14 -70	2		
FH440-4C		14 -74	2		
FH832-20C		14 -14	REF		
FIT105-1-8		30 -65	AR		
FIT221X3/4	4720 8684518	35 -63	AR		
FIT400-18		6 -97	AR	XBFZZN	
FIT400-18		7 -102	AR		

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Part Number	Stock Number	Figure & Index Number	Qty Per Alt	Source Code	Repair Code
FIT400-18		9 -21	AR		
FIT500-14	5970 1384116	9 -22	AR	XBFZZ-	
FSD062		13 -262A	2		
GB66	311001125879	20 347A	2		
GRADE-A	8030 8188024	3 -69	AR		
HG1CT-1E		31 -39	1		
HG1CT-1F		31 -40	1		
HG1CT-1G		31 -41	1		
HG1CT-1H		31 -42	1		
HG1CT-1I		31 -43	1		
HG1CT-1J		31 -44	1		
HG1CT-2E		31 -28	1		
HG1CT-2F		31 -29	1		
HG1CT-2G		31 -30	1		
HG1CT-2H		31 -31	1		
HG1CT-2I		31 -32	1		
HG1CT-2J		31 -33	1		
HKL	5920 8090288	25 -4	1	PAFZZN	
HLW5A2W		6 -57	2	PAFZZN	
HLW5A2W		7 -85	1		
HPC12	5340 9221880	13 -19	3	PAFZZN	
HPC25	5340 4193311	13 -20	2	PAFZZN	
HP4N	5340 0339207	13 -21	2	PAFZZN	
HP8N	5340 5980496	23 -12	1		
H311135		11 -1	1	PAFZZN	
KF2-440	5340 9664670	21 -40	16	PAFZZN	
K1091A4.9152MH		33 -20	1	PAFZZN	
LAS440-2	5310 9360055	20 -238	2		
LC026C9MW	5360 1343413	20 -188	1		
LC045E10MW	5360 1117347	20 -126	1	PAFZZN	
LE016A0MW	5360 1167747	13 -25	1	PAFZZN	
LE031C001SS	5360 8399123	20 -138	1	PAFZZN	
LM310H	5962 9854512	22 -80	1	PADZZN	
LM311D	5962 4512578	16 -61	1	PAFZZN	
LM311D		26 -48	1		
LM311D		30 -54	1		
LVR10		4 -44	3	PAFZZN	
LVR10		7 -95	1		
LVR2		4 -47	4	PAFZZN	
MCR103	5961010068834	5 -13	1	PAFZZN	
MCR103		6 -32	2		
MCR103		7 -25	2		
MCR3000-3	5961NC649656F	9 -4	1	PAFZZN	
MCR3918-3		9 -3	1	PAFZZN	

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Part Number	Stock Number	Figure & Index Number	Qty Per Lot	Source Code	Repair Code
MC2257L		37 -50	1	PAFZZN	
MC4024P	5962001725570	27 -61	1	PAFZZN	
MS4920A2	5961 4361083	8 -13	1	PAFZZN	
MSA280-2	5961010116569	3 -63	1	PAFZZN	
MSA290-2	5961 3362109	3 -58	2	PAFZZN	
MH00754	5962	72 -76	1	PADZZN	
MP363A)	5961NC649965F	8 -32	1	PAFZZN	
MP,6,60		16 -21	3		
MP,6	5961 2221541	21 -17	4	PAFZZN	
MR8P		21 -36	2	PAFZZN	
MS12-14C	9905 4843385	3 -103	1	PAFZZN	
MS15795-807	5310 8805978	14 -10	2		
MS16632-4025	5365005505937	20 -38	1	XBDZZ-	
MS16995-17	5305009590382	20 -130	4	PAFZZN	
MS16995-18B	5305 1450713	1 -3	8	PAFZZN	
MS16995-18B		2 -54	4		
MS16995-18B		2 -58	4		
MS16995-19	53040099Q6381	20 -1	4	PAFZZN	
MS16995-19		20 -10	4		
MS16995-19		20 -220	1		
MS16995-19B	5306 2567282	3 -117	4	PAFZZN	
MS16995-25B	5305 4175251	14 -61	4	PAFZZN	
MS16995-26	5305 0546670	13 -109	2	PAFZZN	
MS16995-26		20 -243	4		
MS16995-27	5305 9887603	20 -276	4	PAFZZN	
MS16995-27		20 -282	2		
MS16995-27		20 -293	4		
MS16995-28		20 -348A	2		
MS16995-518	5305 9926063	2 -41	6	PAFZZN	
MS16995-518		2 -62	4		
MS16995-518		14 -90	2		
MS16995-54	5304009887835	20 -341	6	PAFZZN	
MS16996-12	5305002740732	20 -71	4		
MS16996-12		20 -78	2		
MS16996-12		20 -86	4		
MS16996-12		20 -134	1		
MS16996-12		20 -299	4		
MS16996=12		20 -309	2		
MS16996-26	5305 2257776	20 -312	4	PAFZZN	
MS17822-1A		13 -10	2	XBFZZ-	
MS18064-11	5305008534214	13 -136	2	XBFZZ-	
MS18064-11		20 -297	4		
MS18212-7	5305 8828035	6 -41	2		
MS18212-70	5305008098546	4 -13	1	PAFZZN	

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Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
MS18212-70		4 -19A	1		
MS18212-70		7 -37	2		
MS20470DD2-12	5320 2643284	13 -132	6	XBFZZ-	
MS24622-15	5305 0582101	13 -171	5	PAFZZN	
MS24622-16		14 -85	18		
MS24693-270		12 -9	2		
MS24693-274		20 -48	14	XBDZZ-	
MS24693-46	5205 0943430	13 -4	4	PAFZZN	
MS24693C202	5305 0409364	13 -256	4	PAFZZN	
MS24693C202		13 -258A	4		
MS24693C7	5305 7808454	4 -26	4	PAFZZN	
MS24693C7		4 -39	1		
MS24693S272	5305 9577811	3 -18	2		
MS24693S272		3 -21H	2		
MS24693S28	5305 8373343	14 -25	4	PAFZZN	
MS24693S28		14 -55	4		
MS24693S28		34 -11	4		
MS25082-14	5310 8246186	3 -76	4	PAFZZN	
MS25082C12	5310 0873946	3 -9	1	PAFZZN	
MS25082C12		3 -12	1		
MS25082C12		- -21B	1		
MS25082C12		3 -34	REF		
MS25082C12		3 -127	2		
MS25082C12		20 -136	2		
MS25082C12		20 -247	2		
MS25082C4	5310 9051691	4 -6	1	PAFZZN	
MS25082C4		4 -11C	1		
MS25082C4		10 -3	1		
MS27183-10	5310 8094058	13 -148	2	PAFZZN	
MS27183-10		20 -342	6		
MS27183-2	5310008700571	11 -3	18	PAFZZN	
MS27183-2		13 -212	4		
MS27183-2		13 -242	2		
MS27183-2		13 -245A	2		
MS27183-2		13 -275C	2		
MS27183-2		14 -45	2		
MS27183-2		20 -121	2		
MS27183-2		20 -122B	2		
MS27183-3	5310 9514649	3 -86	4		
MS27183-3		3 -89	2		
MS27183-3		3 -122	2		
MS27183-3		4 -27	4		
MS27183-3		9 -18	2		
MS27183-3		12 -3	2		

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Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
CS27183-2		12 -6R	4		
CS27183-3		13 -30	4		
CS27183-2		13 -52	2		
MS27183-1		13 -252	2		
MS27183-3		14 -74	2		
MS27183-2		14 -20	4		
MS27183-2		20 -67	4		
MS27183-3		20 -64	2		
MS27147-2		20 -150	4		
MS27183-2		20 -157	2		
MS27183-3		20 -161	2		
MS27183-2		20 -165	2		
MS27183-3		2 -100	2		
MS27183-3		20 -214	2		
MS27183-1		20 -220	2		
MS27183-2		20 -240	2		
MS27183-3		20 -200	2		
CS27183-3		20 -325	2		
MS27183-2		21 -7	16		
CS27183-3		21 -35	2		
MS27183-4	5310 5503715	2 -62	4		
MS27183-4		14 -01	2		
MS27183-42	5310 0145850	2 -35	4	DAF77N	
CS27183-42		3 -10	2		
MS27183-42		3 -211	2		
MS27183-42		2 -25	2		
MS27183-42		2 -62	1		
MS27183-42		2 -67R	1		
MS27183-42		3 -64	1		
MS27183-42		2 -74	4		
MS27183-42		13 -22	6		
MS27183-42		13 -80	2		
MS27183-42		12 -01	2		
MS27183-42		23 -10	2		
MS27183-5	5310	2 -	2	DAF77N	
MS27183-5		2 -	6		
MS27183-5		2 -	4		
MS27183-5		2 -	7		
MS27183-5		2 -	2		
MS27183-5		2 -60	1		
MS27183-5		2 -37	2		
MS27183-5		2 -11	6		
MS27183-5		2 -11	6		
MS27183-5		2 -6	1		





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Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
MS27183-7		2 -42	6		
MS27183-7		2 -47	2		
MS27183-7		12 -16	4		
MS27183-7		13 -12	2		
MS27183-7		13 -42	2		
MS27183-7		13 -73	4		
MS27183-7		13 -110	2		
MS27183-7		13 -117	2		
MS27183-7		13 -125	1		
MS27183-7		13 -173E	2		
MS27183-7		13 -183	3		
MS27183-7		13 -200	4		
MS27183-7		13 -206	3		
MS27183-7		14 -18	1		
MS27183-7		14 -31	3		
MS27183-7		14 -36	4		
MS27183-7		14 -62	4		
MS27183-7		14 -67	2		
MS27183-7		20 -14	4		
MS27183-7		20 -236	4		
MS27183-7		20 -277	4		
MS27183-7		20 -294	4		
MS27183-7		20 -322	4		
MS27183-7		20 -332	2		
MS27183-7		21 -39	2		
MS27183-7		23 -3	4		
MS27183-7		25 -7	2		
MS27183-8	5310008098546	1 -19A	6	PAFZZN	
MS27183-8		2 -51	1		
MS27183-8		3 -7	2		
MS27183-8		3 -15	1		
MS27183-8		3 -21E	1		
MS27183-8		3 -145	11		
MS27183-8		6 -42	2		
MS27183-8		7 -38	2		
MS27183-8		13 -172C	2		
MS27183-8		20 -72	4		
MS27183-8		20 -87	4		
MS27183-8		20 -135	2		
MS27183-8		20 -300	4		
MS27183-8		20 -310	2		
MS27183-8		20 -352	2		
MS27183-9	5310 8238804	1 -8	4	PAFZZN	
MS27183-9		4 -4	1		

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Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
MS27183-8	5310008098546	4 -14	1		
MS27183-8		4 -19B	1		
MS27183-9		4 -11A	1		
MS35221-16	5305 0436477	20 -228	3	PAFZZN	
MS35221-17	5305 0436478	20 -94	2	PAFZZN	
MS35221-17		20 -160	2		
MS35221-17		21 -6	10		
MS35221-17		21 -34	2		
MS35221-18		20 -213	4		
MS35221-18		20 -224	4		
MS35221-2		13 -219	4	PAFZZN	
MS35221-2		20 -55	2		
MS35221-2		20 -59	2		
MS35221-21	5305 5432770	13 -22	2	PAFZZN	
MS35221-21		13 -57	2		
MS35221-21		13 -129	1		
MS35221-24		13 -61	1		
MS35221-26	5305 5793021	13 -159	1	PAFZZN	
MS35221-26		13 -175	2		
MS35221-26		13 -178	4		
MS35221-27		20 -111B	4		
MS35221-28	5305 0436502	13 -104	2	PAFZZN	
MS35221-31		1 -36	6	PAFZZN	
MS35221-31		34 -2	REF		
MS35221-33		20 -149	4	PAFZZN	
MS35221-41		13 -116	2	PAFZZN	
MS35221-41		13 -124	1		
MS35221-45	5305 0546670	20 -82	4	XBDZZ-	
MS35221-5	5305 5515755	11 -2	18	PAFZZN	
MS35221-5		13 -275B	2		
MS35221-5		19 -3	2		
MS35221-5		26 -20	2		
MS35221-5		27 -17	2		
MS35221-5		32 -11	2		
MS35221-6		20 324	2	X9177-	
MS35222-43		1 -12	10	PAFZZN	
MS35222-61	5305 5503877	2 -34	4	PAFZZN	
MS35222-61		3 -23	2		
MS35222-61		3 -97	8		
MS35222-61		3 -102	24		
MS35222-61		3 -100	6		
MS35222-61		3 -144	11		
MS35222-63	5305 0436588	13 -81	1	PAFZZN	

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Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
MS 14222-64	5305305005001	13 -45	2	PAFZZN	
MS 15222-43		12 -13	2		
MS 15222-17		2 -99	4		
MS 15222-17		2 -82	2		
MS 15222-17	5305 7188442	14 -7	4	PAFZZN	
MS 15222-12		27 -239	2		
MS 15222-12		4 -57	2		
MS 15222-12		4 -57	2		
MS 15222-13	5305 6380653	4 -67	2	PAFZZN	
MS 35222-12		12 -2	2		
MS 35222-13		12 -1A	4		
MS 35222-13		12 -27	4		
MS 35222-13		13 -51	2		
MS 35222-13		20 -64	4		
MS 35222-12		20 -113	3		
MS 35222-12		20 -156	3		
MS 35222-14		12 -98	1		
MS 35222-14		20 -153	3		
MS 35222-14		20 -192	2		
MS 35222-14		20 -289	2		
MS 35222-2	5305005432758	20 -115	2	PAFZZN	
MS 35222-20		13 -251	2		
MS 35222-20	5305 5793021	3 -121	2	PAFZZN	
MS 35222-26		2 -3	36		
MS 35222-26		13 -113A	2		
MS 35222-26		12 -247	4		
MS 35222-28	5305 0686528	3 -2	7	XRD77-	
MS 35222-28		2 -44	3		
MS 35222-28		3 -50B	3		
MS 35222-28		3 -52	6		
MS 35222-28		3 -57B	3		
MS 35222-28		3 -129	2		
MS 35222-28		12 -77	2		
MS 35222-28		13 -160	1		
MS 35222-28		12 -221	2		
MS 35222-28		13 -266	1		
MS 35222-28	5305 0686529	14 -30	4		
MS 35222-28		20 -7	2		
MS 35222-28		20 -20	4		
MS 35222-28		20 -106	2		
MS 35222-28		20 -108B	2		
MS 35222-28		20 -142	4		
MS 35222-28		20 -175	4		
MS 35222-28		20 -286	2		

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Part Number	Stock Number	Figure & Index Number	Qty per Ass	Source Code	Repair Code
MS35233-36		23 -9A	1		
MS35233-41		13 -290B	6		
MS35233-43	5305 0546668	2 -15	2	PAFZZN	
MS35233-43		13 -199	4		
MS35233-43		14 -17	1		
MS35233-43		14 -17	1		
MS35233-43		13 -2	4		
MS35233-45	5305 1516148	3 -106	2	PAFZZN	
MS35233-45		12 -15	2		
MS35233-45		13 -41	2		
MS35233-45		13 -122	2		
MS35233-45		25 -10	2		
MS35233-51	5305005422761	22 -120	2	PAFZZN	
MS35233-51		20 -122A	2		
MS35233-51	5305 5588877	2 -50	1	PAF77N	
MS35233-51		1 -19	2		
MS35233-51		20 -351	2		
MS35234-66		20 -133	1	PAFZZN	
MS35234-64	5305 3436588	22 -246	2	XREFZZ-	
MS35234-72	5305 8357521	2 -130	4	PAF77N	
MS35309-305		1 -7	4	PAFZZN	
MS35329-215		2 -10	10		
MS35332-27	5310 5790079	24 -10	4	PAF77N	
MS35333-37		34 -12	4		
MS35333-38	5310 5599070	1 -12	10	PAFZZN	

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Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
MS 25333-72	5310 5432730	13 -296	2	PAFZZN	
MS 25333-73	5310 5435938	3 -70	1	PAFZZN	
MS 25333-77	5310 0583599	4 -28	4	PAFZZN	
MS 25333-77		4 -54	2		
MS 25333-77		4 -59	2		
MS 25333-77		4 -64	2		
MS 25333-77		9 -19	2		
MS 25333-77	5310 2091361	3 -40	1	PAFZZN	
MS 25333-77		3 -49F	1		
MS 25333-77		3 -51F	1		
MS 25333-77		3 -52	2		
MS 25333-77		3 -57C	1		
MS 25333-77		3 -73	4		
MS 25333-77		3 -114	4		
MS 25333-77		3 -119	4		
MS 25333-77		3 -130	2		
MS 25333-77		3 -135	2		
MS 25333-77		4 -41	1		
MS 25333-77		4 -70	2		
MS 25333-77		14 -22	4		
MS 25333-77		14 -27	4		
MS 25333-77		20 -2	4		
MS 25333-77		20 -12	4		
MS 25333-77		20 -27	4		
MS 25333-77	5310 0144562	20 -244	4		
MS 25333-77	5310 2091239	3 -71	1	PAFZZN	
MS 25333-77	531000828680	11 -4	1P	PAFZZN	
MS 25333-77		13 -213	4		
MS 25333-77		13 -220	4		
MS 25333-77		13 -275F	2		
MS 25333-77		14 -46	2		
MS 25333-77	5310 938118	12 -4	2	PAFZZN	
MS 25333-77		12 -60	4		
MS 25333-77		12 -39	4		
MS 25333-77		13 -53	2		
MS 25333-77		13 -99	1		
MS 25333-77		13 -253	2		
MS 25333-77		13 -257	4		
MS 25333-77		13 -258A	4		
MS 25333-77		14 -3	4		
MS 25333-77		14 -71	2		
MS 25333-77		14 -76	2		
MS 25333-77		14 -81	4		
MS 25333-77		20 -68	4		

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Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
MS 35337-135		20 -5-	2		
MS 35340-135		20 -51	4		
MS 35343-135		20 -150	2		
MS 35344-135		20 -100	2		
MS 35345-135		20 -104	2		
MS 35346-135		20 -200	2		
MS 35347-135		20 -215	2		
MS 35348-135		20 -225	2		
MS 35349-135		20 -231	2		
MS 35350-135		21 -0	10		
MS 35351-135		2 -20	2	PAFZZ	
MS 35352-135		2 -56	4		
MS 35353-135		2 -0	1		
MS 35354-135		2 -14	2		
MS 35355-135		7 -500	2		
MS 35356-135		7 -70	2		
MS 35357-135		7 -106	2		
MS 35358-135		13 -113C	2		
MS 35359-135		13 -131	1		
MS 35360-135		13 -176	2		
MS 35361-135		13 -179	4		
MS 35362-135		13 -223	2		
MS 35363-135		13 -249	4		
MS 35364-135		13 -268	1		
MS 35365-135		14 -41	4		
MS 35366-135		14 -58	12		
MS 35367-135		15 -5	4		
MS 35368-135		17 -4	4		
MS 35369-135		17 -13	2		
MS 35370-135		20 -35	2		
MS 35371-135		20 -100	2		
MS 35372-135		20 -104	2		
MS 35373-135		20 -145	4		
MS 35374-135		20 -210	4		
MS 35375-135		20 -327	2		
MS 35376-135		23 -11	2		
MS 35377-137	5310 9338119	1 -26	4	PAFZZN	

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Part Number	Stock Number	Figure & Index Number	Qty Per Ass	Source Code	Repair Code
MS35338-137		2 -17	2		
MS35338-137		2 -48	2		
MS35338-137		13 -43	2		
MS35338-137		13 -74	4		
MS35338-137		13 -111	2		
MS35338-137		13 -118	2		
MS35338-137		13 -126	1		
MS35338-137		13 -173F	2		
MS35338-137		13 -184	3		
MS35338-137		13 -201	4		
MS35338-137		13 -207	3		
MS35338-137		14 -11	2		
MS35338-137		14 -19	1		
MS35338-137		14 -32	3		
MS35338-137		14 -37	4		
MS35338-137		14 -63	4		
MS35338-137		14 -68	2		
MS35338-137		20 -283	2		
MS35338-137		23 -4	4		
MS35338-137		25 -8	2		
MS35338-137		25 -18	4		
MS35338-138	5310 9338120	1 -20	6	PAFZZN	
MS35338-138		2 -36	4		
MS35338-138		2 -52	1		
MS35338-138		3 -16	1		
MS35338-138		3 -21F	1		
MS35338-138		3 -24	2		
MS35338-138		3 -61	1		
MS35338-138		3 -63C	1		
MS35338-138		3 -64C	1		
MS35338-138		3 -75	4		
MS35338-138		3 -126	2		
MS35338-138		3 -146	11		
MS35338-138		6 -43	2		
MS35338-138		7 -39	2		
MS35338-138		13 -83	6		
MS35338-138		13 -87	2		
MS35338-138		13 -92	2		
MS35338-138		13 -149	2		
MS35338-138		13 -172D	4		
MS35338-138		20 -73	4		
MS35338-138		20 -79	2		
MS35338-138		20 -301	4		
MS35338-139	5310 9338121	1 -9	4	PAFZZN	



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Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
MS35338-139		2 -11	16		
MS35338-139		2 -64	4		
MS35338-139		4 -5	1		
MS35339-139		3 -11B	1		
MS35338-139		10 -2	1		
MS35338-139		14 -92	2		
MS35338-39	5310 5435060	20 -56	2	PAFZZN	
MS35338-40	5310005435060	20 -114	3		
MS35338-42	5310 0453299	2 -44	6	PAFZZN	
MS35338-58	5310 2091366	9 -6	1	PAFZZN	
MS35338-58		9 -27	1		
MS35649-204		1 -22	3		
MS35649-204		4 -15	1		
MS35649-204		4 -19C	1		
MS35649-204		6 -44	2		
MS35649-204		7 -40	2		
MS35649-224	5310009382013	11 -5	18	PAFZZN	
MS35649-224		13 -214	4		
MS35649-224		13 -244	2		
MS35649-224		13 -245C	2		
MS35649-244		13 -275E	2		
MS35649-224		14 -47	2		
MS35649-224		19 -4	2		
MS35649-224		26 -22	2		
MS35649-224		27 -19	2		
MS35649-224		32 -13	2		
MS35649-224		33 -3	4		
MS35649-2254	5310 2509477	2 -39	2		
MS35649-242	5310 9349739	3 -62	1	PAFZZN	
MS35649-242		3 -63D	1		
MS35649-242		3 -64D	1		
MS35649-242		14 -72	2		
MS35649-242		14 -77	2		
MS35649-244	5310 9349748	4 -29	4		
MS35649-244		4 -55	2		
MS35649-244		4 -60	2		
MS35649-244		4 -65	2		
MS35649-244		9 -20	2		
MS35649-244		13 -100	1		
MS35649-244		14 -82	4		
MS35649-262	5310 9349747	3 -46	4		
MS35649-626		3 -49D	4		
MS35649-262		3 -50D	4		
MS35649-262		3 -55	8		

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Part Number	Stock Number	Figure & Index Number	Qty Per Ass	Source Code	Repair Code
MS35649-262		3 -57D	4		
MS35649-262		3 -94	4		
MS35649-262		3 -100	2		
MS35649-262		3 -115	4		
MS35649-262		4 -42	1		
MS35649-262		4 -71	2		
MS35649-262		6 -51	2		
MS35649-262		6 -54F	2		
MS35649-262		9 -7	1		
MS35649-262		9 -28	1		
MS35649-262		12 -10	2		
MS35649-262		14 -23	4		
MS35649-262		14 -28	4		
MS35649-262		17 -11	2		
MS35649-262		20 -146	4		
MS35649-262		20 -338	2		
MS35649-262		34 -9	4		
MS35649-262		34 -13	4		
MS35649-262	5310 9349761	7 -46	2	PAFZZN	
MS35649-264		7 -50D	2		
MS35649-264		7 -57D	2		
MS35649-264		15 -6	4		
MS35649-264		20 -216	2		
MS35649-264		20 -226	2		
MS35649-284	5310 9349759	13 -112	2	PAFZZN	
MS35649-284		13 -173G	2		
MS35649-284		25 -9	2		
MS35650-304		13 -172E	2		
MS35691-1	5310 8512674	2 -12	16	PAFZZN	
MS35790-101	5310 9903437	13 -243	2		
MS35790-101		13 -245B	2		
MS35790-17	5310 2091239	3 -8	2	PAFZZN	
MS35790-17		3 -20	3		
MS35790-17		3 -21J	3		
MS35790-17		3 -33	REF		
MS45904-58	5310 9010278	2 -43	6	PAFZZN	
MS51021-132		17 -6	1	PAFZZN	
MS51957-10	5305 0545645	13 -211	4	PAFZZN	
MS51957-21	5305000545655	21 -38	2	PAFZZN	
MS51957-28	5305 0546652	2 -28	2	PAFZZN	
MS51957-28		3 -134	2		
MS51957-28		14 -56	12		
MS51957-28		17 -2	4		

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Part Number	Stock Number	Figure & Index Number	Qty Per Unit	Source Code	Repa Code
MS51957-33	5305000546657	3 -47	1		
MS51957-33		3 -49E	1		
MS51957-33		3 -50E	1		
MS51957-43	5305 0546668	2 -46	2	PAFZZN	
MS51957-43		3 -74	2		
MS51957-43		3 -210	1		
MS51957-43		13 -72	4		
MS51957-43		13 -205	3		
MS51957-43		14 -9	2		
MS51957-43		14 -35	4		
MS51957-43		14 -66	2		
MS51957-43		20 -235	4		
MS51957-43		20 -321	4		
MS51957-45		1 -24	4		
MS51957-45		11 -164	1		
MS51957-45		13 -173D	2		
MS51957-45		20 -331	2		
MS51957-46	5305 0546671	13 -295	2	PAFZZN	
MS51957-5	5305000545639	33 -2	4	PAFZZN	
MS51958-61	5305 0593659	13 -172A	2		
MS51958-63		3 -68	1	PAFZZN	
MS51958-63		13 -147	2		
MS51958-63		13 -172B	2		
MS51959-13	5305 7702533	9 -17	2	PAFZZN	
MS51959-13		9 -32	2		
MS51959-15	5305 7702579	9 -33	2	PAFZZN	
MS51959-18	5305 7637827	13 -121	2	PAFZZN	
MS51959-28	5305 7036963	3 -49B	3		
MS51959-31	5305 7654352	9 -5	1	PAFZZN	
MS51959-31		9 -25	1		
MS51959-32	5305 7640064	3 -91	4	PAFZZN	
MS51959-32		3 -101	2		
MS51959-32		20 -28	2		
MS51959-32		20 -33	2		
MS51959-33	5305 7654350	3 -98	2	PAFZZN	
MS51959-43	5305 7654257	13 -11	2	PAFZZN	
MS51959-61	5305 7015701	3 -27	2	PAFZZN	
MS51959-61		3 -29	2		
MS51960-34	5305 7749647	15 -3	4	PAFZZN	
MS51960-65	5305 0711322	3 -67	1	PAFZZN	
MS9390-200		20 -268	4	XBZZZ-	
MS9390-220	5315 1266152	20 -284	2	PAFZZN	
MTP336M010P1A		5 -7	2	PAFZZN	
MT3509-05		20 -298	1		

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Part Number	Stock Number	Figure & Index Number	Qty Per Ass	Source Code	Repair Code
NAS703-22UC9	6145 9952546	30 -64	AR	XBFZZ-	
N8T15A	5962004271961	33 -32	2	PAFZZN	
N8T16A	5962002508913	33 -48	1	PAFZZN	
PM2H25M	5975 1711346	74 -83	8	PAFZZN	
PSS047-125		33 -56	40	PAFZZN	
P4101	5962 7620617	11 -98	12	PAFZZN	
P3101A	5962 7620617	32 -30	4		
P3106		29 -31	7	PAFZZN	
P32A26-24		20 -21	2	XBDZZ-	
P32D28X64		20 -29	1	XBDZZ-	
P32S28-23	5305 0436478	20 -22	1		
P632		34 -3	6		
RCR05G100JS	5905 2553699	22 -47	5	PADZZN	
RCR05G101JS	5905 1808301	22 -68	2	PADZZN	
RCR05G103JS	5905 4927607	22 -52	1	PADZZN	
RCR05G122JS	5905 4070081	22 -44	1	PADZZN	
RCR05G331JS	5905 4897703	22 -51	1	PADZZN	
RCR05G332JS	5905 4017427	22 -49	1	PADZZN	
RCR05G561JS	5905 4017428	22 -64	2	PADZZN	
RCR07G101JS	5905 141183	5 -17	1	PAFZZN	
RCR07G101JS		6 -59	2		
RCR07G101JS		11 -48	3		
RCR07G101JS		13 -102	1		
RCR07G101JS		16 -40	1		
RCR07G101JS		21 -22	2		
RCR07G101JS		26 -28	1		
RCR07G102JS	5905001107620	5 -28	1	PAFZZN	
RCR07G102JS		6 -70	2		
RCR07G102JS		7 -68	5		
RCR07G102JS		8 -35	10		
RCR07G102JS		11 -64	15		
RCR07G102JS		16 -48	1		
RCR07G102JS		26 -23	1		
RCR07G102JS		29 -17	3		
RCR07G102JS		30 -13	3		
RCR07G102JS		33 -7	5		
RCR07G103JS	5905 1063666	5 -27	1	PAFZZN	
RCR07G103JS		6 -61	2		
RCR07G103JS		7 -77	2		
RCR07G103JS		11 -90	4		
RCR07G103JS		21 -23	2		
RCR07G104JS	5905 1100388	8 -60	1	PAFZZN	
RCR07G121JS	5905001198812	30 -16	1	PAFZZN	
RCR07G122JS	5905 1311255	8 -36	3	PAFZZN	

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Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
RCR07G123JS	5905001061278	30 -20	1	PAFZZN	
RCR07G151JS	5905 1198811	22 -62	1	PAFZZN	
RCR07G151JS		26 -27	1		
RCR07G152JS	5905001061356	6 -68	1	PAFZZN	
RCR07G152JS		7 -75	1		
RCR07G152JS		33 -10	1		
RCR07G153JS	5905001168555	26 -24	2		
RCR07G182JS	5905 1145343	7 -94	1		
RCR07G183JS	5905001153560	11 -51	1	PAFZZN	
RCR07G220JS	5905 1209154	8 -58	1	PAFZZN	
RCR07G221JS	5905 1353973	8 -59	1	PAFZZN	
RCR07G221JS		11 -33	6		
RCR07G221JS		16 -25	12		
RCR07G221JS		18 -2	8		
RCR07G221JS		22 -37	2		
RCR07G221JS		24 -2	8		
RCR07G221JS		27 -29			
RCR07G222JS	5905 1057764	5 -24	2	PAFZZN	
RCR07G222JS		6 -62	1		
RCR07G222JS		11 -119	2	PAFZZN	
RCR07G222JS		16 -27	3		
RCR07G222JS		18 -10	8		
RCR07G222JS		27 -28	1		
RCR07G223JS	5905 1168556	5 -29	1	PAFZZN	
RCR07G223JS		6 -64	3		
RCR07G223JS		7 -78	2		
RCR07G224JS	5905001057765	6 -67	2	PAFZZN	
RCR07G224JS		7 -74	2		
RCR07G241JS	5905 1368406	22 -38	2	PADZZN	
RCR07G271JS	5905001193503	11 -53	1	PAFZZN	
RCR07G271JS		33 -15	1		
RCR07G272JS	5905 1114727	8 -54	1	PAFZZN	
RCR07G274JS	5905 1208152	5 -25	1	PAFZZN	
RCR07G304JS	5905 1367104	5 -25	1	PAFZZN	
RCR07G330JS	5905 1356045	27 -30	1	PAFZZN	
RCR07G332JS	5905 1266683	7 -82	1	PAFZZN	
RCR07G333JS	5905001184559	11 -82	2	PAFZZN	
RCR07G333JS		30 -19	1		
RCR07G334JS	5905 4854545	5 -25	1	PAFZZN	
RCR07G364JS	5905 1410741	5 -25	1	PAFZZN	
RCR07G391JS		26 -26	1	PAFZZN	
RCR07G394JS	5905 1153562	5 -25	1	PAFZZN	
RCR07G434JS	5905 2521672	5 -25	1	PAFZZN	
RCR07G470JS	5905001048368	33 -36	4	PAFZZN	

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JS	5905 1209154	5	-23	1	PAFZZN
JS		6	-66	3	
JS		7	-73	2	
JS		8	-41	3	
JS		16	-44	2	
JS		27	-27	1	
JS	5905001140711	30	-17	1	PAFZZN
JS		5	-20	2	
JS		6	-63	4	
JS		7	-69	4	
JS		8	-52	2	
JS		11	-108	6	
JS	5905001410717	16	-43	1	PAFZZN
JS		33	-13	2	
JS	5905 1069355	6	-58	1	PAFZZN
JS	5905 1069355	5	-25	1	PAFZZN
JS		8	-53	1	
JS	5905001111679	6	-86	1	PAFZZN
JS	5905001410744	6	-85	1	PAFZZN
JS		11	-54	1	
JS	5905002285506	33	-19	1	PAFZZN
JS	5905 2521673	5	-25	1	PAFZZN
JS	5905001107622	11	-114	1	PAFZZN
JS		33	-28	2	
JS	5905 1048357	5	-25	1	PAFZZN
JS	5905 1134858	5	-25	1	PAFZZN
JS	5905 1048363	26	-29	1	PAFZZN
JS	5905 11987868	5	-21	1	PAFZZN
JS		7	-71	1	
JS		8	-40	1	
JS		16	-37	2	
JS	5905 1198768	30	-15	1	PAFZZN
JS	5905001048358	6	-88	1	PAFZZN
JS		11	-127	1	
JS	5905001045755	4	-34	1	PAFZZN
JS		5	-55	2	
JS		7	-79	1	
JS		16	-49	1	
JS	5905 1069344	7	-65	1	PAFZZN
JS	5905 1410592	7	-81	1	PAFZZN
JS	5905 1114738	7	-66	1	PAFZZN
JS	5905 1048350	7	-67	1	PAFZZN
JS	5905 1145407	22	-56	2	PADZZN
JS	5905001114742	5	-18	1	PAFZZN

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Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
RCR20G471JS	5905 1114858	7 -80	1	PAFZZN	
RCR20G471JS		8 -51	1		
RCR20G821JS	5905001168569	6 -56	3	PAFZZN	
RCR32G470JS	5904 1137346	16 -38	1		
RCR32G471JS	5905002478732	5 -19	1	PAFZZN	
RCR32G471JS		6 -60	1		
RCR32G471JS		8 -50	1		
RCR42G102JS	5905 1384927	3 -40	2	PAFZZN	
RLR05C102JM	5905 5727920	22 -54	1	PADZZN	
RLR05C181JM	5905 5727865	22 -65	2	PADZZN	
RLR05C471GR	5905 1653134	22 -39	1	PADZZN	
RLR05C472JM	5905 5771993	22 -40	2	PADZZN	
RLR05C681GP	5905 4719933	22 -48	1	PADZZN	
RL128EC		22 -77	1	PADZZN	
RL2662		13 -26	2	PAFZZN	
RL3124-2		20 -74	1	XBDZZ-	
RL3124-2		20 -302	1		
RN55D1003FS	5905 2254028	22 -43	2	PADZZN	
RN55D4641F	5905 9659126	22 -42	1	PADZZN	
RP238GYX	7025010086317	1	1	PAF0DS	
RS1A	5905 9140398	4 -33	1	PAFZZN	
RS1A		7 -64	1		
RW20GR50	5905 5494439	9 -14	1	PAFZZN	
RW67V331	5905 8793636	3 -39	2	PAFZZN	
RO07901		11 -160	6	XBFZZ-	
R10E1X2V185	5945 0071943	8 -30	1	PAFZZN	
R10E1X2V185		13 -96	1		
SFR1683PPEE		13 -155	2	PAFZZN	
SFR1683PPEE		13 -156C	1		
SFR1683PPEE		13 -196	1		
SFR1883PP		13 -107	2	PADZZN	
SFR1883PP		13 -118A	2		
SFR1883PP		13 -224	1		
SFR1883PP		13 -232	1		
SFR1883PP		20 -23	4		
SFR1883PP		20 -30	2		
SFR1883PPEE	3110 4982199	13 -75	5	PAFZZN	
SFR1883PPEE		13 -150	1		
SFR1883PPEE		13 -208	2		
SFR1883PPEE		13 -215	1		
SFR33PPEE		20 -253	1	XBFZZ-	
SFR63PPD		20 -75	2	XBDZZ-	
SFR63PPD		20 -304	2		
SG5-PT1		31 -34	1		

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SG5-PT2		31	-23	1	
SG5-1A		31	-35	1	
SG5-1B		31	-36	1	
SG5-2A		31	-24	1	
SG5-2B		31	-25	1	
SKA6		2	-37	2	XBFZZ-
SN7274TN	5962002204046	11	-151	4	PAFZZN
SN74H00N	5962001937555	11	-30	1	PAFZZN
SN74H00N		30	-60	1	
SN74HC4N	5962001392849	11	-57	2	PAFZZN
SN74HC4N		30	-56	1	
SN74H10N	5962001392850	11	-154	8	PAFZZN
SN74H108N	5962N0649658F	11	-41	6	PAFZZN
SN74H11N	5962004954981	11	-155	4	PAFZZN
SN74H40N	5962 4654904	30	-55	1	PAFZZN
SN74H87N	5962005045447	11	-152	4	PAFZZN
SN74LS253N		11	-97	4	PAFZZN
SN74L00N	5962 4009087	26	-51	1	
SN74L04N	5962001758950	11	-94	1	PAFZZN
SN74L04N		22	-82	1	
SN74L04N		33	-31	1	
SN74L74N	5962 1412507	22	-81	1	
SN74S138N		30	-51	2	PAFZZN
SN74S257N	5962003980869	11	-14	4	PAFZZN
SN74S257N		30	-29	5	
SN74S257N		32	-25	2	
SN7400N	5962008654625	11	-18	3	PAFZZN
SN7400N		18	-24	1	
SN7400N		26	-31	3	
SN7400N		27	-49	2	
SN7400N		29	-20	2	
SN7400N		32	-15	4	
SN7402N	5962001030990	11	-96	1	PAFZZN
SN7402N		27	-38	4	
SN7404N	5962003410544	11	-22	39	PAFZZN
SN7404N		16	-55	2	
SN7404N		26	-30	2	
SN7404N		27	-40	2	
SN7404N		29	-23	3	
SN7404N		30	-28	2	
SN7404N		31	-49	3	
SN7404N		32	-17	7	
SN7404N		33	-25	2	
SN7408N	5962001560983	11	-60	3	PAFZZN



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Part Number	Stock Number	Figure & Index Number	Qty Per Unit	Source Code	Repair Code
SN7408N		29	-22	2	
SN7408N		33	-49	1	
SN7410N	5962 8654626	11	-68	5	PAFZZN
SN7410N		29	-25	1	
SN74107N	5962002769932	11	-21	9	PAFZZN
SN74107N		22	-75	1	
SN74107N		26	-32	5	
SN74107N		30	-59	1	
SN74123N	5962 1725563	11	-86	1	PAFZZN
SN74123N		26	-46	1	
SN74123N		30	-61	1	
SN74125N	5962 5816560	11	-146	8	PAFZZN
SN74125V		29	-34	1	
SN7414N	5962002770123	11	-19	2	PAFZZN
SN7414N		15	-54	1	
SN7414N		22	-74	1	
SN74151N	5962001672836	11	-71	12	PAFZZN
SN74153N	5962001725586	11	-32	6	PAFZZN
SN74153N		27	-59	4	
SN74154N	5962002504824	11	-99	1	PAFZZN
SN74154N		31	-45	1	
SN7416N	5962001630149	11	-44	2	PAFZZN
SN7416N		16	-56	2	
SN7416N		27	-39	2	
SN74164N	5962002632195	26	-34	1	PAFZZN
SN74164N		32	-14	1	
SN74165N	5962002770034	11	-149	18	PAFZZN
SN74165N		18	-23	1	
SN74173N	5962001488128	11	-147	3	PAFZZN
SN74173N		30	-21	10	
SN74174N	5962002769935	11	-43	11	PAFZZN
SN74174N		27	-64	3	
SN74174N		30	-57	1	
SN74174N		31	-46	3	
SN74174N		33	-47	1	
SN74193N	5962001856630	11	-15	68	PAFZZN
SN74193N		26	-35	4	
SN74193N		27	-46	8	
SN74193N		29	-26	15	
SN74193N		30	-23	7	
SN74193N		32	-22	5	
SN74193N		33	-21	4	
SN74194N	5962 4658400	11	-95	2	
SN7430N	5962002560343	11	-72	9	PAFZZN

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Part Number	Stock Number	Figure & Index Number	Qty Per Ass	Source Code	Repair Code
SN7437N	5962009363971	11 -16	7	PAFZZN	
SN7438N	5962009363416	11 -20	2	PAFZZN	
SN7438N		30 -50	1		
SN7438N		33 -46	1		
SN7440N	5962 3836703	11 -23	10	PAFZZN	
SN7440N		30 -22	1		
SN7440N		32 -34	2		
SN7442	5902001930329	11 -70	12	PAFZZN	
SN7442N		27 -47	1		
SN7442N		32 -16	2		
SN7451N	5962004210113	32 -18	1	PAFZZN	
SN7454N	5962004307233	11 -69	3	PAFZZN	
SN74L00N	5962	11 -28	3	PAFZZN	
SN7472N	5962008654631	11 -27	4	PAFZZN	
SN7474N	5962001853760	11 -17	61	PAFZZN	
SN7474N		16 -58	2		
SN7474N		29 -24	9		
SN7474N		30 -48	4		
SN7474N		32 -19	3		
SN7474N		33 -23	2		
SN7483N	5962 0112762	11 -55	7	PAFZZN	
SN7485N	5962002770098	11 -25	18	PAFZZN	
SP2A2	4180005297463	20 -129	1	PAFZZN	
SRECO-UNKN-DUAL-1LL		11	OPT		
SRECO-UNKN-DUAL-1RR		11	OPT		
SRECO-UNKN-OCRA-1L		11	OPT		
SRECO-UNKN-OCRA-1R		11	OPT		
SRECO-UNKN-OCRB-1L		11 -148	1		
SRECO-UNKN-OCRB-1R		11 -153	1		
SR1883PP		13 -225	1	PADZZN	
SR1883PP		13 -233	1		
SR33PPEE		20 -248	2	XBFZZ-	
SR33PPEE		20 -254	1		
SR33PPEEK28/66		20 -132	2	XBDZZ-	
SSB52N	5340009062283	20 -139	1	PAFZZN	
SSTIM	5975 9032284	9 -23	AR	XBFZZ-	
SS2-32	5365002567485	20 -24	1	XBDZZ-	
SUPER6		20 -140	2	XBDZZ-	

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Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
S375		20 -141	2	XBDZZ-	
S648-3L	5355 0598778	17 -5	1		
TMS3114JC		11 -85W	2	PAFZZN	
TMS3114NC	5961005308308	33 -42	4	PAFZZN	
T362A225K015AS		33 -16	2	PAFZZN	
T362A225M020AS		11 -63	5	PAFZZN	
T362A225M020AS		22 -18	2		
T362A685M006AS		11 -24	5	PAFZZN	
T362A685M006AS		30 -10	1		
T368A225K020AS		6 -15	1	PAFZZN	
T368A225K020AS		8 -10	1		
T368A225K020AS		16 -10	1		
T368A225K020AS		26 -1	2		
T368A225K020AS		27 -1	2		
T368A225K020AS		29 -9	1		
T368A685K006AS		16 -1	6	PAFZZN	
T368A685K006AS		26 -15	1		
T368A685K006AS		27 -3	1		
T368A685M006AS		31 -2	1	PAFZZN	
T368A685M006AS		32 -1	5		
T368B226M015AS		31 -4	1	PAFZZN	
UA710H	5062 4355937	22 -79	1	PADZZN	
UK20-503	5910009141777	11 -24A	25	PAFZZN	
UK20-503		16 -5	3		
UK20-503		18 -1	1		
UK20-503		20 -121A	1		
UK20-503		20 -326	1		
UK20-503		24 -1	1		
UK20-503		27 -4	11		
UK20-503		30 -4	7		
UK20-503		31 -1	20		
UK20-503		32 -2	4		
UK25-103	5910 1464094	11 -46	1	PAFZZN	
U6A7723393	5962 1894638	5 -31		PAFZZN	
U6A7723393		6 -93	2		
U6A7723393	5962 1894638	7 -99	2	PAFZZN	
VR8	5910 1517564	3 -49A	1	XBFZZ-	
WNS832	5310 8692270	13 -79	6	XBFZZ-	
Y5K256		20 -201B	2	XBDZZ-	

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Part Number	Stock Number	Figure & Index Number	Qty Per Art	Source Code	Repair Code
7111		13 -141	12	XBFZZ-	
Z5010-11		33 -57	70	PAFZZN	
Z501162		11 -161	256	PAFZZN	
Z501502		11 -162	448	PAFZZN	
0-1318		13 -187	1	PADZZN	
02-06-1103	5999 3389879	13 -276	4	PAFZZN	
02-06-2103	5999 3389875	13 -189	4		
02-06-5104	5935 5445216	3 -81	3	PAFZZN	
02-06-5104		3 -82A	5		
02-06-8103		16 -64	3	PAFZZN	
02-06-8103		16 -66	2		
02-J9-5121		3 -78	4	PAFZZN	
02-09-5121		3 -79A	13		
024719-02	5305 0593657	13 -173A	1		
03-06-1031	5935 5445216	3 -80	1	PAFZZN	
03-06-1061		3 -82	1	PAFZZN	
03-06-2023		16 -65	1	PAFZZN	
03-06-2032		16 -63	1	PAFZZN	
03-06-2041	5935 4091091	13 -188	1	PAFZZN	
03-09-1091		3 -77	1	PAFZZN	
03-09-1154		3 -79	1	PAFZZN	
031220		11 -50	1		
08-50-0106		3 -150B	4		
08-50-0108		3 -150C	1		
08-50-0108		4 -73	5		
09-01-6031		3 -150A	2		
09-01-6061		4 -72	1	PAFZZN	
1-332075-6	5999	21 -27	4	PAFZZN	
1-380852-0		22 -83	1	XADZZN	
1-8X3-4HBS		20 -76	3	XBDZZ-	
1-8X3-4HDS		20 -303	1		
1-8X3-4HBS		20 -306	1		
1-8X3-4HBS		20 -328	1		
1-8X3-8MCK		13 -138	12	XBFZZ-	
1N2163A	5961 7765173	11 -112	2	PAFZZN	
1N3880	5961 1482660	6 -34	1	PAFZZN	
1N3880		7 -32	1		
1N3900	5961004637171	6 -28	1	PAFZZN	
1N3900		7 -27	1		
1N3900		10 -1	1		
1N3910	5961002283095	4 -3	1	PAFZZN	
1N3910		4 -11	1		
1N4002	5961 8804783	13 -185	2	PAFZZN	
1N4002		21 -13	8		

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Part Number	Stock Number	Figure & Index Number	Qt. Per Art	Source Code	Repair Code
1N4733	5961001107841	5 -12	1	PAFZZN	
1N4733		6 -31	2		
1N4733		7 -26	2		
1N4733		33 -18	1		
1N4733A	5961 0833297	22 -30	3		
1N4735	5961 2307694	8 -19	1	PAFZZN	
1N4735	5961 1103336	22 -31	1	PADZZN	
1N4745	5961 4935924	8 -15	3	PAFZZN	
1N914	5961 9994566	5 -14	1	PAFZZN	
1N914		6 -33	3		
1N914		7 -33	2		
1N914		8 -14	5		
1N914		11 -102	6		
1N914		13 -95	1		
1N914		22 -28	4		
1N914		26 -18	1		
10-08	6280 8032861	20 -142	4	PAFZZN	
10-140	5940 2299669	20 -116	1	PAFZZN	
10V70-58-129	5330NL867834P	13 -27	2	PAFZZN	
10V70-58-140		13 -28	2	PAFZZN	
10V70-58-143		13 -29	2	PAFZZN	
10V70-58-161		13 -30	2	PAFZZN	
100482		2 -69	1		
100482		25 -20	REF		
100734-3		13 -240	1	PAFZZN	
100734-4		13 -245	1	PAFZZN	
100919		20 -147	2	PAFZZN	
101060		3 -140	1	XBFZZ-	
101188		21 -41	2	XAFZZ-	
101189		21 -5	2	PAFFFFP	
101189		21 -5A	REF		
101190		20 -15	1	AFFFF-	
101190		20 -111A	1		
101190		21	REF		
101190		21	REF		
101198		21 -42	2	XBFZZ-	
101203		21 -33	2	AFFFF-	
101537		13 -32	1	XBFZZ-	
101539		13 -35	1	XBFZZ-	
101582		13 -36	1	XBFZZ-	
101589		13 -165	1	XBFZZ-	
101590		13 -108	1	XBFZZ-	
101592-1		13 -152	1	XBFZZ-	
101592-2		13 -156	1	XBFZZ-	

Page Number	Article Number	Figure & Index Number	Qty Per Art	Source Code	Report Code
101676		13 -113	1	XRFZZ-	
101677		14 -76	1	XRFZZ-	
101678		13 -7	1	PAFZZN	
101679		14 -226	1	XRDZZ-	
101680		13 -213	1	ADDDO-	
101681		14 -271	1	XRDZZ-	
101682		13 -234	1	XRDZZ-	
101683		12 -160	1	PAFZZN	
101684		13 -164	1	XRFZZ-	
101685		20 -239	1	XRDZZ-	
101686		21 -240	2	XRFZZ-	
101687		20 -255	1	XRFZZ-	
101688		20 -160	1	XRDZZ-	
101689		20 -164	1	XRDZZ-	
101690-1		21 -165	1	XRDZZ-	
101691-2		21 -166	1	XRDZZ-	
101692-3		20 -166	1	XRDZZ-	
101693-4		20 -170	1	XRDZZ-	
101694-5		20 -167	2	XRDZZ-	
101695		20 -172	1	XRDZZ-	
101696		21 -173	2	PAFZZN	
101697		20 -175	2	XRDZZ-	
101698		20 -178	1	XRDZZ-	
101699		20 -179	1	XRDZZ-	
101700		21 -180	1		
101701		21 -192	1	PAFZZN	
101702		20 -186	1	XRDZZ-	
101679		20 -187	1	XRDZZ-	
101684		20 -201	1	XRDZZ-	
101625		20 -204	2	XRFZZ-	
101686		21 -203	1	XRDZZ-	
101622		20 -140	2	XRFZZ-	
101701		21 -205	2	XRDZZ-	
101733-2		20 -25	1	XRDZZ-	
101756		20 -207	2	XRFZZ-	
101770-2		13 -275	1	ADDDO-	
101775		20 -211	1	PAFZZN	
101777		21 -186	1	XRDZZ-	
101778		20 -120	1	XRFZZ-	
101808		20 -212	2	XRFZZ-	
101809		20 -217	1	XRFZZ-	
101810-1		20 -210	1	XRFZZ-	
101810-2		20 -221	1		
101822-1		20 -220	1	XRDZZ-	

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Part Number	Fig. & Number	Figure & Index Number	Qty Per Ass	Source Code	Repart Code
101000-2		1 -320	1		
101000		13 -210	1	XAF77-	
101000		13 -170	1	XAF77-	
101000		13 -233	1	XAF77-	
101000		13 -100	1	XAF77-	
101000		1 -221	1	XAF77-	
101000		1 -1	1	XAF77-	
101000		13 -100	1	XAF77-	
101000		13 -100	1	XAF77-	
101000		13 -1	1	XAF77-	
101000		1 -115	1	AFEE-	
101000-2		1 -1	1		
101000-2		1 -1	1		
101000-1		1 -1	1	XAF77-	
101000		13 -100	1		
101000		13 -100	1	XAF77-	
101000		13 -142	1	XAF77-	
101000		13 -120	1	XAF77-	
101000	7, 15	20 -227	1	PAFZZ'	
101000		13 -170	1	XAF77-	
101000-1		13 -172	1	XAF77-	
102000		20 -164	1	XAF77-	
102000		20 -1110	1		
102000		13 -148	1		
103041-2		13 -1450	1		
102043		13 -140	1	XAF77-	
102048		20 -71	1	XAF77-	
102348		20 -32	1	XAF77-	
10205		20 -36	1	XAF77-	
102051		20 -26	1	XAF77-	
102052		20 -18	1	PAFLT	
102053		20 -40	1	XAF77-	
102054		13 -40	1	XAF77-	
102054		13 -1720	2		
102055		20 -47	1	XAF77-	
102056		13 -8	1	XAF77-	
102057		1 -1	1	XAF77-	
102057		2	255		
102057-10		2 -22	1	XAF77-	
102057-11		2 -27	1	XAF77-	
102057-12		2 -2	3	XAF77-	
102057-13		2 -4	26	XAF77-	
102057-14		2 -61	4	XAF77-	
102057-15		2 -1	1	XAF77-	
102-057-2		2 -73	1		

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Part Number	Block Number	Figure or Index Number	REV Per APP	Source Code	Repair Code
100157-		1 -1	1	X0077-	
10017-		2 -17	1	X0177-	
10017-		3 -22	1	X0277-	
10017-		4 -4	1	X0377-	
10017-		5 -53	1	X0477-	
10017-		6 -57	1	X0577-	
10017-		7 -63	2	X0677-	
10017-		8 -7	1	X0777-	
10017-		9 -42	1	X0877-	
10017-		10 -47	1	X0977-	
10017-		11 -57	1	X1077-	
10017-		12 -44	1	X1177-	
10017-		13 -47	1	X1277-	
10017-		14 -44	4	X1377-	
10017-		15 -7	1	X1477-	
10017-		16 -34	1	X1577-	
10017-		17 -34	1	X1677-	
10017-		18 -237	1	X1777-	
10017-		19 -123	1	X1877-	
10017-		20 -242	1	X1977-	
10017-		21 -245	2	X2077-	
10017-		22 -257	1	X2177-	
10017-		23 -256	1	D1077-	
10017-		24 -257	1	X2277-	
10017-		25 -251	1	X2377-	
10017-		26 -266	1	X2477-	
10017-		27 -27	1	X2577-	
10017-		28 -265	1	X2677-	
10017-		29 -275	1	X2777-	
10017-		30 -271	1	X2877-	
10017-		31 -200	1	Y0077-	
10017-		32 -251	1	X2977-	
10017-		33 -7	1	D0077-	
10017-		34 -20	1		
10017-		35 -23	1	X3077-	
10017-		36 -42	1		
10017-		37 -22	1		
10017-		38 -44	1		
10017-		39 -294	1	X3177-	
10017-		40 -207	1	X3277-	
10017-		41 -38	1	D10LLT	



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Staff Number	Work Number	Flavor & Index Number	Qty Per Air	Source Code	Weight (lbs)
10175		11 -170	1	XAFZZ-	
10176-1		11 -1	1	XAFZZ-	
10177-1		11 -177	1		
10177-1		11 -177	1	XAFZZ-	
10177-2		11 -177	1	XAFZZ-	
10178		11 -178	1	XAFZZ-	
10179		11 -179	1	XAFZZ-	
10180		11 -180	1	XAFZZ-	
10181		11 -181	1	XAFZZ-	
10182		11 -182	1	XAFZZ-	
10183		11 -183	1	XAFZZ-	
10184		11 -184	1	XAFZZ-	
10185		11 -185	1	XAFZZ-	
10186-1		11 -186	1	XAFZZ-	
10187		11 -187	1	XAFZZ-	
10188		11 -188	1	XAFZZ-	
10189		11 -189	1	XAFZZ-	
10190		11 -190	1	XAFZZ-	
10191		11 -191	1	XAFZZ-	
10192		11 -192	1	XAFZZ-	
10193		11 -193	1	XAFZZ-	
10194		11 -194	1	XAFZZ-	
10195-1		11 -195	1	XAFZZ-	
10196-1		11 -196	1	XAFZZ-	
10197		11 -197	1	XAFZZ-	
10198		11 -198	1	XAFZZ-	
10199		11 -199	1	XAFZZ-	
10200		11 -200	1	XAFZZ-	
10201		11 -201	1	XAFZZ-	
10202-2		11 -202	1	XAFZZ-	
10203		11 -203	1	XAFZZ-	
10204		11 -204	1	XAFZZ-	
10205		11 -205	1	XAFZZ-	
10206-1		11 -206	1	XAFZZ-	
10207		11 -207	1	XAFZZ-	
10208		11 -208	1	XAFZZ-	
10209		11 -209	1	XAFZZ-	
10210		11 -210	1	XAFZZ-	
10211		11 -211	1	XAFZZ-	
10212		11 -212	1	XAFZZ-	
10213		11 -213	1	XAFZZ-	
10214		11 -214	1	XAFZZ-	
10215		11 -215	1	XAFZZ-	
10216		11 -216	1	XAFZZ-	
10217		11 -217	1	XAFZZ-	
10218		11 -218	1	XAFZZ-	
10219		11 -219	1	XAFZZ-	
10220		11 -220	1	XAFZZ-	
10221		11 -221	1	XAFZZ-	
10222		11 -222	1	XAFZZ-	
10223		11 -223	1	XAFZZ-	
10224		11 -224	1	XAFZZ-	
10225		11 -225	1	XAFZZ-	
10226		11 -226	1	XAFZZ-	
10227		11 -227	1	XAFZZ-	
10228		11 -228	1	XAFZZ-	
10229		11 -229	1	XAFZZ-	
10230		11 -230	1	XAFZZ-	
10231		11 -231	1	XAFZZ-	
10232		11 -232	1	XAFZZ-	
10233		11 -233	1	XAFZZ-	
10234		11 -234	1	XAFZZ-	
10235		11 -235	1	XAFZZ-	
10236		11 -236	1	XAFZZ-	
10237		11 -237	1	XAFZZ-	
10238		11 -238	1	XAFZZ-	
10239		11 -239	1	XAFZZ-	
10240		11 -240	1	XAFZZ-	
10241		11 -241	1	XAFZZ-	
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10295		11 -295	1	XAFZZ-	
10296		11 -296	1	XAFZZ-	
10297		11 -297	1	XAFZZ-	
10298		11 -298	1	XAFZZ-	
10299		11 -299	1	XAFZZ-	
10300		11 -300	1	XAFZZ-	





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102353		13 - 243	3	XADZZ-	
102354-1		23 - 280	1	XAFZZ-	
102354-2		21 - 241	1	XAFZZ-	
102354-3		3 - 32	1	XAFZZ-	
102354-4		3 - 33	1	XAFZZ-	
102364		14 - 16	1	XAFZZ-	
102368		12 - 7	1	XAFZZ-	
102370		12 - 1	1		
102372		1 - 51	1	XBFZZ-	
102372		12 - 12	1		
102374		1 - 14	1	AAAAA-	
102374		12	REF	PAFZZN	
102378		23 - 22	1	XAFZZ-	
102379		23 - 52	1	PAFZZN	
102407		1 - 31	1		
102407		33	REF		
102404		23 - 66	1	XADZZ-	
102421		23 - 6	1	XAFZZ-	
102471		31 - 55	1	XADZZ-	
102433		23 - 57	1	XAFZZ-	
102434		12 - 69	2	XAFZZ-	
102451-2		2 - 65	1		
102451-2		22 - 7	REF		
102454		24 - 14	2		
102455		3 - 4	1	XC----	
102465		1 - 37	REF		
102465		35	REF		
102465-1		35 - 1	1	AAAAA-	
102465-10		35 - 49	1	AAAAA-	
102465-12		35 - 59	1	AAAAA-	
102465-3		35 - 11	1	AAAAA-	
102465-4		25 - 16	1	AAAAA-	
102465-5		35 - 21	1	AAAAA-	
102465-6		25 - 27	1	AAAAA-	
102465-7		25 - 23	1	AAAAA-	
102465-9		35 - 44	1	AAAAA-	
102467		20 - 307	1	XPDZZ-	
102468		20 - 77	1	XBDZZ-	
102468		20 - 308	1		
102469		20 - 90	1	XBDZZ-	
102469		20 - 311	1		
102470		20 - 315	1	XBDZZ-	

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102400		00 - 000	1	PAF000	
102401		10 - 100	1	XPF000	
102402		20 - 200	1	PAF000	
102403		30 - 300	1	XPF000	
102404		40 - 400	1	PAF000	
102405		50 - 500	1	XPF000	
102406		60 - 600	1	PAF000	
102407		70 - 700	1	XPF000	
102408		80 - 800	1	PAF000	
102409		90 - 900	1	XPF000	
102410		00 - 000	1	PAF000	
102411		10 - 100	1	XPF000	
102412		20 - 200	1	PAF000	
102413		30 - 300	1	XPF000	
102414		40 - 400	1	PAF000	
102415		50 - 500	1	XPF000	
102416		60 - 600	1	PAF000	
102417		70 - 700	1	XPF000	
102418		80 - 800	1	PAF000	
102419		90 - 900	1	XPF000	
102420		00 - 000	1	PAF000	
102421		10 - 100	1	XPF000	
102422		20 - 200	1	PAF000	
102423		30 - 300	1	XPF000	
102424		40 - 400	1	PAF000	
102425		50 - 500	1	XPF000	
102426		60 - 600	1	PAF000	
102427		70 - 700	1	XPF000	
102428		80 - 800	1	PAF000	
102429		90 - 900	1	XPF000	
102430		00 - 000	1	PAF000	
102431		10 - 100	1	XPF000	
102432		20 - 200	1	PAF000	
102433		30 - 300	1	XPF000	
102434		40 - 400	1	PAF000	
102435		50 - 500	1	XPF000	
102436		60 - 600	1	PAF000	
102437		70 - 700	1	XPF000	
102438		80 - 800	1	PAF000	
102439		90 - 900	1	XPF000	
102440		00 - 000	1	PAF000	
102441		10 - 100	1	XPF000	
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102447		70 - 700	1	XPF000	
102448		80 - 800	1	PAF000	
102449		90 - 900	1	XPF000	
102450		00 - 000	1	PAF000	
102451		10 - 100	1	XPF000	
102452		20 - 200	1	PAF000	
102453		30 - 300	1	XPF000	
102454		40 - 400	1	PAF000	
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102459		90 - 900	1	XPF000	
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102461		10 - 100	1	XPF000	
102462		20 - 200	1	PAF000	
102463		30 - 300	1	XPF000	
102464		40 - 400	1	PAF000	
102465		50 - 500	1	XPF000	
102465-1		7 - 50	1	XPF000	
102465-2		6 - 40	1	XPF000	
102465-3		6 - 54A	1	XPF000	
102465-4		7 - 47	1	XPF000	
102466-1		- 20	1	XPF000	
102466-2		6 - 20	1	XPF000	
102467		7 - 51	1	XPF000	
102470		3 - 147	1	XPF000	
102727	3 330118472 B	12 - 55	1	PAFZZN	
102766		20 - 04	1	XPFZZ-	
102767		20 - 05	1	XPFZZ-	
102768		20 - 00	1	PAFLLT	
102826-1		13 - 144	1	XPFZZ-	
102826-2		12 - 145	1	XPFZZ-	
102904		20 - 05	1	XPFZZ-	
102905-1		1 - 20A	1	XPFZZ-	
102905-2		20 - 05	1	XPFZZ-	
102905-3		1 - 30	1	PAFZZN	

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102905-2		29	REF		
102905-3		1 -100	OPT		
102905-3		29	OPT		
102914		33 -58	1	XADZZ-	
102922		22 -84	1		
102923		20 -112	1	PAFLLT	
102923		22	REF		
102925		26 -59	1	PAFZZN	
102926		1 -27	1		
102926		26	REF		
102929		23 -6	1		
102967		12 -11	1	XAFZZ-	
102968		12 -14	2	XAFZZ-	
102969		12 -8	1	XAFZZ-	
102969-3		12 -12	AR	XAFZZ-	
102969-4		12 -13	AR	XAFZZ-	
103079		17 -7	1	XBFZZ-	
103081		15 -7	1	XBFZZ-	
103147		25 -21	1	XBFZZ-	
103173		2 -67	1	XC----	
103187		2 -18	1	XC---	
103193		25 -12	2	XBFZZ-	
103194		25 -13	2	XBFZZ-	
103235		1 -34	1	PAFDDT	
103235		33	REF		
103263		25 -10	2		
103319		35 -5	1	AAAAF-	
103320		35 -39	1	AAAAF-	
103321		35 -54	1	AAAAF-	
103390-1		1 32	1	PAFDDT	
103390-1		31	REF		
103395-1		1 -29A	OPT		
103395-1		28	OPT		
103395-2		1 -29	1		
103395-2		28	REF		
103412		20 -8A	1		
103592	5930 9017422	1 -35	1	PAFZZN	
103592		34	REF		
103607		3 -120	1		
103618		1 -23	1		
103618		25	REF		
103659		1 -18	1		
103659		23	REF	PADZZN	
103721		20-181A	1		
1091-2		22 -70	4		
1091-2		26 -57	2	XBFZZ-	
10936MOD150		13-173B	1		
116251		13 -298	1		

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1185-4CN02050	5340 2007224	20 -49	1	XBDZZ-	
1191-3CN0285	5340 5973302	20 -269	4	XBFZZ-	
12705N5C16C		20 -346	2		
134XL037	303080118473P	20 -92	1	PAFZZN	
139	5340 9897250	20-217B	1	PAFZZN	
14ECA10C4-12V		13 -236	1	XBDZZ-	
140J1		3 -104	5	XBFZZ-	
144		13 -194	2	PADZZN	
150D336X9020B2	5910 9518044	7 -5	2	PAFZZN	
150D336X9020B2		8 -8	1		
150D685X9035B2	5910 8094701	29 -11	1	PAFZZN	
150D685X9050B2	5910 2125967	21 -11	6	PAFZZN	
15259	5940 2262756	13 -198	1	XBFZZ-	
154-911		3 -124	1	PAFZZN	
1555-1	6145 1478515	4 -74	AR	XBFZZN	
1557-1		4 -75	AR	XBFZZN	
16-10-201-11	5325 2251420	2 -21	1	PAFZZN	
16-10-201-11		2 -36A	1		
16ECA10C4-4-12V		13 -228	1	XBDZZ-	
160-3747-01-04		8 -61	9	PAFZZN	
160-3747-01-04		16 -52	2		
1625-2R	5935 0269400	14 -5	1	PAFZZN	
1625-4R	5935 0269402	13-275F	1		
170DC		4 -30	4		
170DC		4 -37	1	PAFZZN	
170DC		21 -31	4		
172HC		21 -28	4	XBFZZ-	
1727M12F05A1032		1 -21	3		
180-7337-02-05		6 -90	3	PAFZZN	
180-7337-02-05		7 -96	3		
2-012		13-144C	6		
2-012		13-145E	6		
2HW40D0-111		12 -5	2	XAFZZ-	
2N3715	5961 9932145	7 -57	1	PAFZZN	
2N3741	5961 4197558	21 -2	2		
2N3767	5961 4774829	7 -50	1	PAFZZN	
2N3767		21 -1	2		
2N3791	5961 8828506	4 -35	1	PAFZZN	
2N3791		6 -45	1		
2N3904	5961 8928706	6 -54I	1		
2N3904		7 -54	2		
2N3904		8 -33	1		
2N3906	5961 9310372	5 -16	1	PAFZZN	
2N3906		6 -53	2		
2N3906		7 -41	4		

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Page Number	Stock Number	Figure & Index Number	Qty Per Aft	Source Code	Repair Code
2N3906		8	-34	1	
2N3906		11	-52	1	
2N3906		22	-36	1	
2N4399	5961 4426082	4	-20	4	PAFZZN
2N4399		6	-54	1	
2N4921	5961 0581192	16	-19	3	PAFZZN
2N4921		27	-20	7	
2N5679	5961N0649586F	21	-20	2	
2N5680	5961002757574	5	-15	1	PAFZZN
2N5680		6	-52	2	
2N5681	5961 0988104	7	-61	1	PAFZZN
2N5681		21	-19	2	
2N5886	5961 1708048	7	-42	1	PAFZZN
2N6275		21	-3	4	PAFZZN
2004	5940 1557152	4	-56	2	PAFZZN
2009	5940 0862358	4	-51	1	PAFZZN
204CB	5999 9315931	21	-25	2	PAFZZN
2104-10-00	5940 5337741	3	-41	8	PAFZZN
225P10591YD3	5910 4671383	9	-1	1	PAFZZN
229-8		4	-7	2	PAFZZN
229-8		4	-11D	2	
229-9		4	-9	2	PAFZZN
229-9		4	-11F	2	
2315N063		13	-268A	2	
24878-10N	5930N0649647F	18	-18	1	PAFZZN
250-12-30-170	5935 9126827	3	-83	2	PAFZZN
250-22-30-170	5935 9173453	3	-87	1	PAFZZN
252-15-30-160	5935 1860932	14	-50	1	PAFZZN
2532B	5962N0649585F	11	-31	7	PAFZZN
2556		3	-17	1	PAFZZN
2556		3	-21G	1	
2556		11	-166	1	
2694	5325005139747	4	-76	AR	XBFZZ-
28CONT12DC	5945N0649667F	13	-56	1	PAFZZN
28420-187A12		20	-343	4	XBDZZ-
28420-187A20		20	-344	4	
28420-187A8		20	-274	2	
28420-1875313		10	-189	1	
28420-375A28		20	-349	2	XBDZZ-
296	6145 6696642	6	-98	AR	XBFZZN
296		7	-103	AR	
296		9	-29	AR	
3012	5940 5494912	9	-16	1	PAFZZN
303053-001		13	-180	6	XBFZZ-



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Part Number	Stock Number	Figure & Index Number	Qty Per Ass	Source Code	Repair Code
3071-1		14 -6	AR	XBFZZN	
3071-2		14 -7	AR	XBFZZN	
311015	5920 0120151	9 -13	1	PAFZZN	
312		4 -18	AR		
312		4 -19F	AR		
312005	5920002961519	9 -12	1	PAFZZN	
312010	5920003089743	9 -9	3		
313003	5920 4360031	3 -131	1	PAFZZN	
313004	5920 2847466	25 -1	1		
313010	5920 5384737	25 -3	1	PAFZZN	
320135	5940 5497310	13 -277	2	PAFZZN	
320574	5940008145357	9 -30	2	PAFZZN	
321019		35 -56	6		
321620	5940 7234929	13 -278	4	PAFZZN	
32188	5940 6663411	3 -31	1	PAFZZN	
32188		10 -5	REF		
3282W1-103	5905 0139568	11-157B	2		
3329H105		22 -45	1	PADZZN	
3339P1-204		16 -42	1	PAFZZN	
3339W103		22 -53	1	PADZZN	
3365-20		35 -4	AR		
3365-20		35 -10	AR		
3365-20		35 -15	AR		
3365-20		35 -26	AR		
3365-20		35 -58	AR		
3365-40	6145 6106987	35 -20	AR		
3365-40		35 -32	AR		
3365-40		35 -38	AR		
3365-40		35 -43	AR		
3365-40		35 -48	AR		
3365-40		35 -53	AR		
3365-40		35 -62	AR		
3389W1-501		5 -22	1	PAFZZN	
3389W1-501		6 -69	1		
3389W1-501		7 -72	2		
3389W1-502		6 -84	1	PAFZZN	
34124	5940 5495982	4 -8	1	PAFZZN	
34124		4 -11F	1		
3417-3000		35 -6	10	PAFZZN	
342012A	5920 7081149	25 -2	1	PAFZZN	
342014A	5920 1381799	3 -132	1	XBFZZ-	
3421-3000		35 -12	3		
3428-1002	5935 5491692	26 -19	1		
3428-3005		33 -1	1	PAFZZN	

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Part Number	Stock Number	Figure & Index Number	Qty Per Ass	Source Code	Repair Code
3428-20		20 -230	1	XAFZZ-	
3432-1002	5935004573735	19 -2	1	PAFZZN	
3432-1002		27 -16	1		
3432-1002		32 -10	1		
3432-3005		33 -4	1	PAFZZN	
3435-0000		35 -8	19		
3435-0000		35 -19	2		
3435-0000		35 -24	3		
3435-0000		35 -30	3		
3435-0000		35 -36	3		
3435-0000		35 -42	2		
3435-0000		35 -47	2		
3435-0000		35 -57	1		
3435-0000		35 -14	2	XBFZZ-	
3439-0000		35 -3	2	XBFZZ-	
3439-0000		35 -9	7		
3439-0000		35 -25	1		
3439-0000		35 -31	1		
3439-0000		35 -37	1		
3439-0000		35 -52	2		
3439-0000		35 -61	1		
3461-0000		35 -7	1		
3461-0001		35 -1A	3	PAFZZN	
3464-0001		35 -29	5	PAFZZN	
35-001		20 -70	1	XBDZZ-	
351-11-04-001	5940 5837744	20 -93	1	XBFZZ-	
353-11-12-001	5940 1092597	3 -97	1	PAFZZN	
353-12-05-001		20 -97	1	XBFZZ-	
353-12-06-001	5940 2015663	20 -101	1	XBFZZ-	
354-12-03-001	5940 2047182	3 -105	1	PAFZZN	
355-11-03-001	5940 1710395	4 -66	1	PAFZZN	
356-11-04-001	5940 3313081	3 -90	1	PAFZZN	
3585-02CN0172	5340 4624226	20 -316	2	XBDZZ-	
3585-04CN0112	5340 6317897	20 -182	1	XBDZZ-	
3585-04CN0168	5340 6317894	20 -272	6	XBFZZ-	
3585-04CN0224	5340 8274024	20 -262	3	PAFZZN	
3585-06CN0207	5340 8154930	20 -41	8	XBFZZ-	
3585-06CN0207		20 -50	25		
3585-06CN0276	5340 5588826	20 -190	2	PAFZZN	
3585-06CN0276		20 -258	17		
3585-06CN0276		20 -263	11		
3585-06CN0345	5340 3269780	20 -183	1	XBDZZ-	
3585-2CN0246	5340 1429959	20 -81	4	XBDZZ-	
3585-2CN0246		20 -259	5		

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3585-2CNO246		20 -264	5		
3585-2CNO246		20 -273	2		
3585-2CNO246		20 -314	4		
3585-2CNO246		20 -317	8		
3585-2CNO328	5340 7216936	20 -271	2	XBFZZ-	
3585-4CNO250	5340 9991181	20 -260	3	PAFZZN	
3585-4CNO250		20 -265	3		
3585-4CNO250		20 -353	2		
3591-3CNO285	5340 8007874	20 -51	4	XBDZZ-	
3591-3CNO285		20 -87A	2		
3591-3CNO285		20 -318	2		
360104G010CF2A	5910 1514625	3 -57	1	PAFZZN	
360213G040CC2A	5910 1063661	3 -42	2	PAFZZN	
365-11-03-010	9905 2877984	4 -67	1	PAFZZN	
39D128G015FL4	5910 0621462	6 -4	1	PAFZZN	
39D128G015FL4		7 -11	2		
39D157G050FL4	5910 8905711	6 -1	1	PAFZZN	
39D157G050EL4		7 -2	1		
39D308G030JS4	5910 2407660	6 -14	1	PAFZZN	
39D408G015JL4	5910 1892766	6 -2	1	PAFZZN	
39D408G015JL4		7 -9	2		
39D506G050EE4	5910 4424911	6 -27	1	PAFZZN	
39D506G050EE4		7 -23	1		
4-171	5940 5837744	20 -119	1	PAFZZN	
4-171		20 -122	1		
4-171	5940 5837744	20 -323	1		
4009	5962 1131372	21 -24	2	PAFZZN	
4018	5305007356813	20 -185	2	PAFZZN	
4326		1 -5	4		
450-2320-01-03	5935001734853	21 -30	4	PAFZZN	
450-3704-01-03		29 -13	4		
456-07-35-003	5935 9989281	3 -148	3	PAFZZN	
456-07-35-003		14 -49	1		
4586-1	5910 6491271	3 -43	1	XBFZZ-	
4586-1		3 -50A	1		
4586-2	5910 8465918	3 -52	2	XBFZZ-	
4586-2		3 -57A	1	XBFZZ-	
4730	5905 2366127	9 -15	1		
48P12	5910 6688181	3 -65	2	PAFZZN	
4801	5961 0032506	6 -48	1	ZBFZZN	
4801	5961 0032506	6 -54C	1		
4801		7 -48	1		
4801		7 -59	1		
4810	5961 8928706	7 -52	1		

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4814-1-0516	5940 9025611	9 -31	4	PAFZZN	
5-64X1-2MCP		20 -37	1	XBDZZ-	
5-64X1-2MCP		20 -45	6		
56A033	5910 1140747	21 -10	2	PAFZZN	
5GAS1C	5910 8285705	13 -101	1		
5011-2-2		3 -95	2	XBFZZ-	
505-6-018	5940 8495332	13 -60	1	PAFZZN	
5105-18	5310 5968173	20 -137	1	PAFZZN	
511-101800-50		3 -143	2		
5133-25	5365 2633831	13 -9	1	PAFFZN	
5133-25		13 -34	2		
5133-25		13 -48	2		
5133-25		13-144A	2		
5133-25		13-145A	1		
5133-25		13 -191	2		
5133-37	5365 6221799	20 -88	1	XBDZZ-	
5133-9H	5365 5433981	20 -181	2	XBDZZ-	
5144-25	5265 8524329	13 -299	1	XBFZZ-	
521-9165	5961005942853	8 -23	7	PAFZZN	
5262	5935 2953129	25 -5	1	PAFZZN	
5353	5975 9046222	25 -11	2	XBFZZ-	
549-0104		16 -15	4		
5555-25	5365 6190825	13-145C	1	XBDZZ-	
5555-25		13 -229	1		
5610-11-20		26 -21	2		
5610-11-20		27 -18	2		
5610-11-20		32 -12	2		
5610-13		20 -60	2	XAFZZ-	
570-1581-05-91-0		13 -119	2	XBFZZ-	
5702-208-015		20 -34	2	XBDZZ-	
5702-66-030		20 -83	4	XBDZZ-	
5702-66-030		20 -313	4		
5710-52-10	5365 9481163	20 -39	1	XBDZZ-	
5710-52-30		13-142A	1		
5710-52-5		13 -230	1	PADZZN	
5735-000Y5F103M		29 -1	10		
5857-1		4 -77	AR	XBFZZN	
5857-2		7 -104	AR	XBFZZN	
5857-4		9 -34	AR	XBFZZ-	
5857-5		9 -35	AR	XBFZZ-	
5858-2		9 -36	AR	XBFZZ-	
5858-9		9 -37	AR	XBFZZ-	
5859-1		10 -6	AR	XBFZZN	
5859-2		9 -38	AR	XBFZZN	

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5859-9		9 -40	AR	XBFZZN	
6-140	5940 1962530	25 -15	1	PAFZZN	
6-32	5340 4551121	13 -133	2	XBFZZ-	
6A3-150F03712	3020 6115494	20 -89	1	XBDZZ-	
6A3-150F03712		20 -327	1		
6A3-160F03708		20 -90	1	XBDZZ-	
6R3-070-037		20 -91	1	XBDZZ-	
6R3-070-037		20 -329	1		
60-354A	3610006201887	20 -330	1	PAFZZN	
6016-211-0		21 -21	4	PAFZZN	
6101SS0632		34 -5	4	XBFZZ-	
61134-1	5940004349165	20 -231	2	XAFZZ-	
6141-16		33 -27	2	XBFZZ-	
6171	5940 5438076	13 -120	1	XBFZZ-	
65-175	4935 4628465	3 -111	1	PAFZZN	
65-175		14 -20	1		
65-175		34 -6	1		
6877-9		6 -99	AR	XBFZZN	
7B4P030		20 -354	2	XBDZZ-	
702-11608		20-217A	1	XBFZZ-	
702-12412		20 -333	4	XBFZZ-	
7009-362-0		21 -26	2	PAFZZN	
7101SYCBE		18 -19	3	PAFZZN	
7101SYCBE		24 -10	5	PAFZZN	
7105SWV3		16 -50	2	PAFZZN	
7108S7CBE		18 -20	1		
715397 1A		12 -17	1	PAFLLT	
74-13-108-13	5310 1575686	13 -202	7	XBFZZ-	
7402K3	5930 5196280	17 -14	1	PAFZZN	
749-0808-001		19 -1	1	XAFZZ-	
78RS8	5935 1618695	20 -334	1	PAFZZN	
78RS8		20 -105	1	PAFZZN	
79-10-102-22	5340 3726289	2 -25	1	PAFZZN	
79-19-122-15		2 -26	1	XBFZZ-	
79NE040	5310 9746507	2 -38	2		
79NM408-82	5310 4669952	13 -154	2	XBFZZ-	
79NM408-82		13-156B	1		
79NM50	5310008197228	20 -127	2	PAFZZN	
79NM50		20 -174	2		
79NM62	5310 061886	20 -252	1	XBFZZ-	

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8047		4 -19E	AR		
8047		4 -78	AR	XBFZZN	
8080-1G3	5935 9311829	4 -24	4		
8080-1G3		4 -36	1	PAFZZN	
811-000X5R0502K	5910 4655557	21 -9	2	PAFZZN	
8121-050-651- 473M	5910 1311351	26 -5	4		
8121-050-651- 473M	5910001311351	33 -34	4	PAFZZN	
8121-100-651- 473M	5910 2334493	22 -4	17	PAFZZN	
8161SS0440		21 -37	2	PAFZZN	
829		4 -10	AR		
829		4 -11G	AR		
829		4 -32	AR		
829		4 -43	AR		
829		6 -30	AR		
829		6 -47	AR		
829		6 -54B	AR		
829		7 -29	AR		
829		7 -49	AR		
829		7 -53	AR		
829		7 -60	AR		
829		9 -8	AR		
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829		21 -29	AR		
829		21 -32	AR		
831	5340 8099879	20 -233	4	XAFZZ-	
832NKS056-2C		13 -70A	2		
8511SS0632-7		14 -42	4		
8517SS0832-7		14 -33	3		
8578SS0832-7	5340 1829921	23 -8	1		
8581SS0832		14 -12	2	XBFZZ-	
8586A0832-16	5340 0543615	13 -203	3	XBFZZ-	
85861-2		20 -232	12		
86F152MA	5910 5743828	3 -5	2	PAFZZN	
8697SS1032		3 -66	1	XBFZZ-	
8764SS1032		13 -89	2	XBFZZ-	
898-1R2-2K		11 -150	2	PAFZZN	
898-1R2-2K		17 -31	1		
898-1R2-2K		32 -44	1		
898-1R6-8K	5905 5587472	27 -33	1	PAFZZN	

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899-3R220	5905 2083793	27 -37	3	PAFZZN	
899-3R33	5905 2430045	27 -34	2	PAFZZN	
9M66-1603B		13 -33	2		
9M66-1603B		13 -49	2		
9M66-1603B		13 -142	2		
9M66-1603B		13 -145B	1		
9M66-1603B		13 -300	1		
9M66-1603B		13 -192	2		
9XR10-1	5935 0074121	13 -97	1	PAZZN	
9XR10-4	5935 1470369	8 -31	1	PAZZN	
9X31-0308		20 -202	2	XB0ZZ-	
9X31-0408		13 -93	3		
9X31-0408		13 -122	7	PAFZZN	
9Y31-0424		20 -52	2	XB0ZZ-	
9Y35-03-08		20 -191	2	AB0ZZ-	
90C9	5340 8881986	2 -9	4	PAFZZN	
9259A257-16	5365 4976355	1 -10	4	PAFZZN	
93	6240 0142454	20 -124	3	PAFZZN	
9314PC	5962 5837993	11 -58	1		
9314PC		11 -61	1		
9322DM	5962 1624464	11 -26	6	PAFZZN	
9322DM		26 -42	4		
9322DM		29 -33	5		
9322PC	5962 5987757	11 -62	2	PAFZZN	
9322PC		27 -41	2		
9505-06		2 -66	22	XBFZZ-	
9505-06		13-260A	2		
9753SS0832		13 -153	2	XBFZZ-	
9753SS0832		13-156A	1		
9754N0832		3 -13	1		
9754N0832		3 -21C	1		
9754SS0832		13 -68	4	XBFZZ-	
9754SS0832		13 -123	1		
9756N0832		11 -165	1		
99P60972		14 -4	1	XAFZZ-	
995-2A3910		22 -63	1		

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1A26	1 - 65	100 1 1 1 1 1 1 1 1
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1A230	1 - 30	1A2300C
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1A237	1 - 37	66F30-R
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1A259	1 - 59	66F30-R
1A260	1 - 60	1A2600C
1A261	1 - 61	66F30-R
1A262	1 - 62	1A2620C
1A263	1 - 63	66F30-R
1A264	1 - 64	1A2640C
1A265	1 - 65	66F30-R
1A266	1 - 66	1A2660C
1A267	1 - 67	66F30-R
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1A269	1 - 69	66F30-R
1A270	1 - 70	1A2700C
1A271	1 - 71	66F30-R
1A272	1 - 72	1A2720C
1A273	1 - 73	66F30-R
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1A275	1 - 75	66F30-R
1A276	1 - 76	1A2760C
1A277	1 - 77	66F30-R
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1A279	1 - 79	66F30-R
1A280	1 - 80	1A2800C
1A281	1 - 81	66F30-R
1A282	1 - 82	1A2820C
1A283	1 - 83	66F30-R
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1A285	1 - 85	66F30-R
1A286	1 - 86	1A2860C
1A287	1 - 87	66F30-R
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1A289	1 - 89	66F30-R
1A290	1 - 90	1A2900C
1A291	1 - 91	66F30-R
1A292	1 - 92	1A2920C
1A293	1 - 93	66F30-R
1A294	1 - 94	1A2940C
1A295	1 - 95	66F30-R
1A296	1 - 96	1A2960C
1A297	1 - 97	66F30-R
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1A299	1 - 99	66F30-R
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1A55 (1U)	11	SN74193N
1A56 (1V)	11	SN74193N
1A57 (1W)	11	SN747N
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1A60 (1Z)	11	SN7438N
1A61 (2A)	11	SN7474N
1A62 (2B)	11	SN7474N
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1A65 (2E)	11	SN74193N
1A66 (2F)	11	SN7404N
1A67 (2G)	11	SN7474N
1A68 (2H)	11	SN7474N
1A69 (2I)	11	SN7474N
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1A71 (2K)	11	SN7474N
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1A99 (3M)	11	SN7474N
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1 6 3 (5A)	1 1	SN7474N
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1 4 2 (5Z)	1 1	SN74193N
1 4 1 (6L)	1 1	SN74H108N
1 4 0 (6M)	1 1	SN74193
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1 3 4 (13A)	1 1	SN7437N
1 3 2 (13L)	2 4	SN74153N
1 3 6 (13M)	1 1	SN7485N
1 3 1 (13N)	1 1	SN7442N
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1 3 3 (13T)	1	SN74193N
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1 3 4 (13V)	1 1	SN74193N
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1 4 3 (14M)	1 1	SN7485N
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1 4 4 (14P)	1 1	SN7430N
1 4 3 (14R)	1 1	SN7404N
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1 5 3 (15N)	1 1	SN7442N
1 5 3 (15P)	1 1	SN7442N
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1 4 5 (18A)	11	SN74193N
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1 4 2 (18N)	11	9322PC
1 4 2 (18P)	11	SN7474N
1 4 3 (18R)	11	SN7404N
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1 1 3 (20Y)	11	SN74151N
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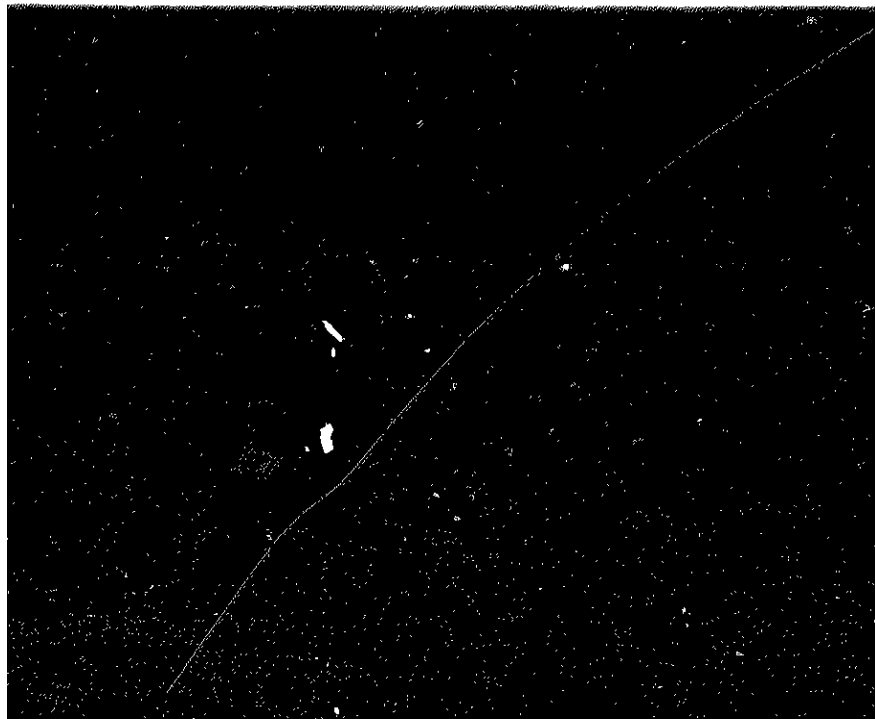


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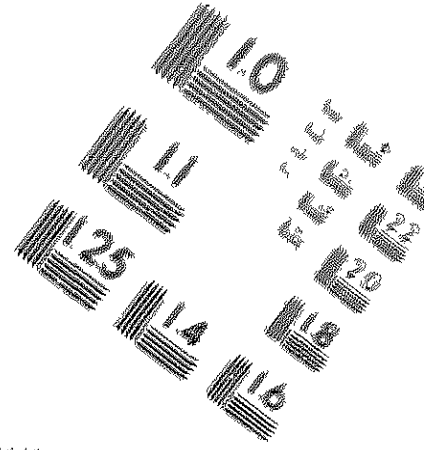
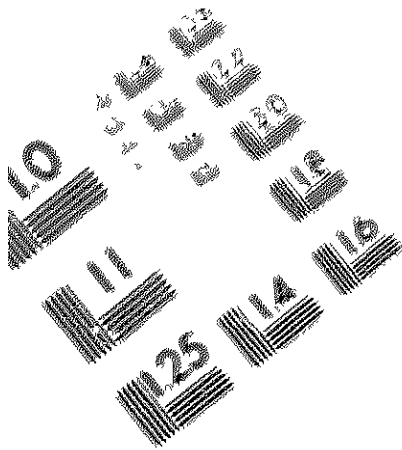






DEPARTMENT OF THE ARMY

MICROFORM  
FIELD TARGET



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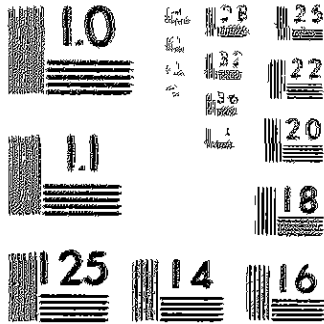
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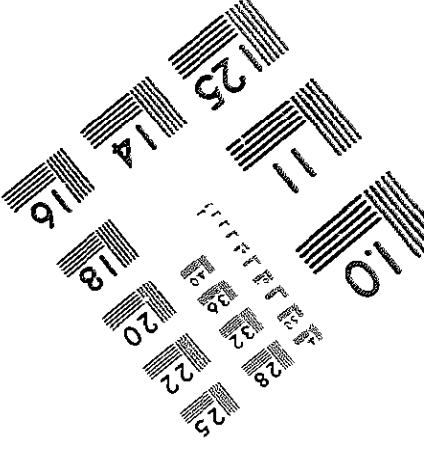
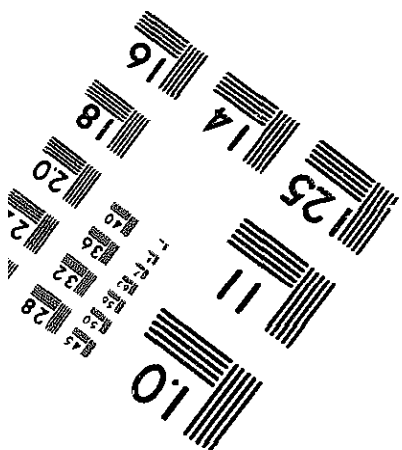
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200 MM



250 MM