

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

TO: ALL HOLDERS OF AUXILIARY POWER UNIT ASSEMBLY COMPONENT MAINTENANCE MANUAL
49-11-11

REVISION NO. 22 DATED NOV 01/03

HIGHLIGHTS

Pages which have been added or revised are outlined below together with the highlights of the revision. Remove and insert the affected pages as listed and enter Revision No. and date on the Record of Revision Sheet.

CHAPTER/SECTION

AND PAGE NO.

DESCRIPTION OF CHANGE

DESCRIPTION & OPERATION Added clarifications and updated callouts.

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501

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AUXILIARY POWER UNIT ASSEMBLY

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-31 THRU -36,-38,-39,
-41,-45 THRU -48,
-50 THRU -58,-60,-61
351T0304-1,-2

COMPONENT MAINTENANCE MANUAL
WITH
ILLUSTRATED PARTS LIST

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REVISION RECORD

- Retain this record in front of manual. On receipt of revision, insert revised pages in the manual, and enter revision number, date inserted and initial.

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TEMPORARY REVISION AND SERVICE BULLETIN RECORD

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVE	DATE OF INCORPORATION INTO MANUAL
49-7		PRR B10436 PRR B10277 PRR VDC-T0063 PRR VDC-T0183 PRR B11098 PRR VDC-T0279	APR 10/82 APR 10/82 APR 10/82 JAN 10/83 APR 10/87 APR 10/84
49-9		PRR C12505 PRR C12525 PRR C12519 PRR B11301	OCT 10/86 JUL 10/85 JUL 10/85 JUL 10/85
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INTRODUCTION

The instructions in this manual provide the information necessary to perform maintenance functions ranging from simple checks and replacement to complete shop-type repair.

This manual is divided into separate sections:

- | | |
|--|------------------------------|
| 1. Title Page | 4. List of Effective Pages |
| 2. Record of Revisions | 5. Table of Contents |
| 3. Temporary Revision &
Service Bulletin Record | 6. Introduction |
| | 7. Procedures & IPL Sections |

Refer to the Table of Contents for the page location of applicable sections. An asterisked flagnote *[] in place of the page number indicates that no special instructions are provided since the function can be performed using standard industry practices.

The beginning of the REPAIR section includes a list of the separate repairs, a list of applicable standard Boeing practices, and an explanation of the True Position Dimensioning symbols used.

An explanation of the use of the Illustrated Parts List is provided in the Introduction to that section.

All weights and measurements used in the manual are in English units, unless otherwise stated. When metric equivalents are given they will be in parentheses following the English units.

Design changes, optional parts, configuration differences and Service Bulletin modifications create alternate part numbers. These are identified in the Illustrated Parts List (IPL) by adding an alphabetical character to the basic item number. The resulting item number is called an alpha-variant. Throughout the manual, IPL basic item number references also apply to alpha-variants unless otherwise indicated.

Verification:

Disassembly April 28, 1986
Assembly April 28, 1986

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AUXILIARY POWER UNIT ASSEMBLY

DESCRIPTION AND OPERATION

1. Description

A. The auxiliary power unit assembly (APU) includes an air compressor and a generator with 96 KVA output (351T0300), or 120 KVA output (351T0304), driven by a gas turbine engine. The APU can operate while the aircraft is either on the ground or in flight. The APU supplies generator output for aircraft electrical requirements and compressed air for main engine starting and cabin environmental control.

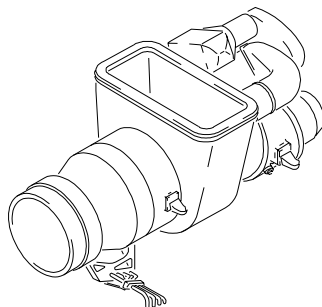
2. Leading Particulars (Approximate)

A. For APU 351T0300:

- (1) Length -- 70 inches
- (2) Width -- 25 inches
- (3) Height -- 25 inches
- (4) Weight -- 555 pounds

B. For APU 351T0304:

- (1) Length -- 60 inches
- (2) Width -- 40 inches
- (3) Height -- 36 inches
- (4) Weight -- 659 pounds



Auxiliary Power Unit Assembly
Figure 1

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DISASSEMBLY

1. Equipment

NOTE: Equivalent substitutes may be used.

- A. APU Support Cradle, A49001
- B. Lifting Eye, A49002
- C. APU Shop Handling Sling, A49005

2. Parts Replacement (IPL Fig. 1)

NOTE: The following parts are recommended for replacement. Replacement of other parts can be by in-service experience.

- A. Packing (40C, 68, 71G, 72, 78G, 79, 79H, 220, 225)

3. Disassembly

- A. Auxiliary Power Unit Assembly (IPL Fig. 1)

NOTE: The following disassembly procedures are to be accomplished with the APU mounted in APU support cradle, A49001.

- (1) Drain auxiliary power unit (APU) (180D) oil tank and replace drain plug. Tag APU to indicate oil has been drained.
- (2) Remove air inlet seal (80B) if necessary, by removing items (85A, 90).
- (3) Remove drain assembly (100) by removing items (105, 110).
- (4) Separate support assembly (115) and bracket assembly (160) on drain assembly (100) by removing items (120, 125). Remove tube assemblies (140A, 145A, 150A, 155A). Remove nutplates (165) if damaged and replacement is required.
- (5) Remove union (35) and packing (40C).

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WARNING: GENERATOR (55A) WEIGHS APPROXIMATELY 60 LBS AND SHOULD BE SUPPORTED USING LIFTING EYE A49002 DURING REMOVAL.

- (6) Remove generator (55A) by loosening nuts (60, 65) and rotating generator until nuts (65) slip through keyhole slots in generator flange. If necessary, install coverplate (Garrett P/N 3862212).
- (7) Remove seal plate (45A) by removing screws (50).
- (8) Remove chip detectors (70, 71, 77, 78) and packing (71G, 72, 78G, 79, 79H).

NOTE: The items listed in steps 3.A.(9) and 3.A.(10) are used for lifting and support of the APU. Remove only if they are damaged and require repair or replacement.

- (9) Remove bracket (5) by removing items (10A, 15).
- (10) Remove lifting pad (20) by removing items (25A, 30).
- (11) Remove dust covers (200A, 205A), fittings (210A, 215A), and O-rings (220, 225).
- (12) Remove oil quantity indicator (67) and O-ring (68), if installed.
- (13) Remove decals (235A, 240, 245, 250, 255) if damaged and require replacement.

4. Parts Replacement (IPL Fig. 2)

NOTE: The following parts are recommended for replacement. Replacement of other parts can be by in-service experience.

A. Packing (40)

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5. Disassembly

A. Auxiliary Power Unit Assembly (IPL Fig. 2)

NOTE: The following disassembly procedures are to be accomplished with the APU mounted in APU support cradle, A49001.

- (1) Drain auxiliary power unit (APU) (320) oil tank and replace drain plug. Tag APU to indicate oil has been drained.
- (2) Remove air inlet seal (70) if necessary, by removing items (75, 80).
- (3) Remove drain assembly (180) by removing items (185, 190).
- (4) Separate support assembly (210) and bracket assembly (215) on drain assembly (180) by removing items (195, 200, 205) Separate stiffener (280) from seal (270) by removing items (255, 260, 265). Remove tube assemblies (220, 225, 230, 285, 290).
- (5) Remove union (35) and packing (40).

WARNING: GENERATOR (55) WEIGHS APPROXIMATELY 60 LBS AND SHOULD BE SUPPORTED USING LIFTING EYE A49002 DURING REMOVAL.

- (6) Remove generator by loosening nuts (60, 65) and rotating generator until nuts (65) slip through keyhole slots in generator flange. If necessary, install coverplate (Garrett P/N 3862212).

NOTE: Nuts (60, 65) may remain on generator mounting studs, with nuts (60), intended as a stop for larger nuts (65).

If necessary to completely remove nut (65), first loosen three turns with a wrench, then tap lightly to release internal locking mechanism.

- (7) Remove seal plate (45) by removing screws (50).
- (8) Remove decals (325, 330) if damaged and require replacement.

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6. Parts Replacement (IPL Fig. 3)

NOTE: The following parts are recommended for replacement. Replacement of other parts can be by in-service experience.

A. Packing (40)

7. Disassembly

A. Auxiliary Power Unit Assembly (IPL Fig. 3)

NOTE: The following disassembly procedures are to be accomplished with the APU mounted in APU support cradle, A49001.

- (1) Drain auxiliary power unit (APU) (95) oil tank and replace drain plug. Tag APU to indicate oil has been drained.
- (2) Remove air inlet seal (80) if necessary, by removing items (85, 90).
- (3) Remove union (35) and packing (40).

WARNING: GENERATOR (55) WEIGHS APPROXIMATELY 60 LBS AND SHOULD BE SUPPORTED USING LIFTING EYE A49002 DURING REMOVAL.

- (4) Remove generator by loosening nuts (65) and rotating generator until nuts (65) slip through keyhole slots in generator flange. If necessary, install coverplate (Garrett P/N 3862212).

NOTE: Nuts (65) may remain on generator mounting studs.

- (5) Remove seal plate (45) by removing screws (50).
- (6) Remove bracket (5), if damaged, by removing items (10, 15).
- (7) Remove lifting pad (20), if damaged, by removing items (25, 30).
- (8) Remove decals (100) if damaged and require replacement.

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CHECK

1. Examine all parts for defects by standard industry practices.
2. Examine seal (80B, IPL Fig. 1; 70, IPL Fig. 2; 80, IPL Fig. 3) for deterioration.
3. Visually check the bracket (5, IPL Fig. 1) and the lifting pad (20, IPL Fig. 1) for obvious wear and/or defects. If bracket (5, IPL Fig. 1) and/or lifting pad (20, IPL Fig. 1) is damaged do the non-destructive inspection as shown below.
4. Penetrant check (SOPM 20-20-02) -- Welded areas of tube assemblies (155, IPL Fig. 2); lifting pad (20, IPL Fig. 1; 20, IPL Fig. 2; 20 IPL Fig. 3).
5. Magnetic particle check (SOPM 20-20-01) -- Bracket (5, IPL Fig. 1; 5, IPL Fig. 2; 5, IPL Fig. 3).
6. Visually check seal plate (45, IPL Fig. 1; 45, IPL Fig. 2; 45, IPL Fig. 3) for cracks and deterioration of rubber inserts.

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REPAIR – GENERAL

1. Content

A. This section gives details to repair Boeing proprietary parts. For repair of vendor proprietary parts, refer to applicable vendor instructions.

<u>P/N</u>	<u>NAME</u>	<u>REPAIR</u>
--	MISCELLANEOUS PARTS REFINISH	1-1

2. Standard Practices

A. Refer to these standard practices, as applicable, for details of repair procedures.

20-10-01	Repair and Refinish of High Strength Steel Parts
20-10-02	Machining of Alloy Steel
20-30-02	Stripping of Protective Finishes
20-41-01	Decoding Table for Boeing Finish Codes
20-41-02	Application of Chemical and Solvent Resistant Finishes
20-43-01	Chromic Acid Anodizing
20-44-02	Temporary Protective Coatings
20-50-05	Application of Aluminum Foil and Other Markers
20-50-08	Application of Bonded Solid Film Lubricants
20-60-02	Finishing Materials
20-60-03	Lubricants

3. Materials

NOTE: Equivalent substitutes can be used.

A. Primer -- BMS 10-11, Type 1 (SOPM 20-60-02)

B. Lubricant -- BMS 3-8 (SOPM 20-60-03)

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MISCELLANEOUS PARTS REFINISH – REPAIR 1-1

1. Repair of these parts is only replacement of the original finish. Refer to REPAIR – GENERAL for a list of applicable standard practices.

IPL FIG. & ITEM	MATERIAL	FINISH
Bracket (175, IPL Fig. 1; 215; IPL Fig. 2)	Al alloy	Chromic acid anodize and apply BMS 10-11, Type 1 primer (F-18.13).
Bracket (5, IPL Fig. 1; 5, IPL Fig. 2; 5, IPL Fig. 3)	17-4PH CRES 180 ksi minimum	Apply BMS 10-11, Type 1 primer (F-20.03). Apply BMS 3-8 solid film lubricant (F-19.10) to tapered hole, (common to cone bolt), for ground support equipment interface.
Pad (20, IPL Fig. 1; 20, IPL Fig. 2; 20, IPL Fig. 3)	Al alloy	Chromic acid anodize (F-17.04) and apply BMS-11, Type 1 primer (F-20.03).

Refinish Details
Figure 601

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1. Material

NOTE: Equivalent substitutes can be used.

- A. Anti-seize thread compound -- Bostik Never-Seez Pure Nickel Special (SOPM 20-60-03)
- B. Lockwire -- MS20995C32 (SOPM 20-60-04)
- C. Lubricant -- Acryloid HF866 (SOPM 20-60-03)
- D. Petrolatum -- VV-P-236 (SOPM 20-60-03)
- E. Grease -- BMS 3-33 or BMS 3-24 (SOPM 20-60-03)

2. Equipment

NOTE: Equivalent substitutes can be used.

- A. APU Support Cradle, A49001
- B. Lifting Eye, A49002
- C. APU Shop Handling Sling, A49005

3. Assembly

- A. Auxiliary Power Unit Assembly (IPL Fig. 1)

NOTE: The items used in steps 3.A.(1) and 3.A.(2) below are to lift and support the APU. They must be installed before you can put the APU in APU support cradle A49001.

- (1) Attach lifting pad (20) to APU with items (25A, 30). Tighten bolts (25A) to 252-300 pound-inches. Lockwire by the double twist method (SOPM 20-50-02).
- (2) Attach brackets (5) with items (10A, 15). For bracket (5) nearest generator, apply wet BMS 10-11, type 1, primer to faying surface during installation. Do not apply primer to remaining two brackets. See Fig. 701. Tighten bolts to 252-300 pound-inches. Lockwire by the double twist method (SOPM 20-50-02).
- (3) Install packing (71G, 72, 78G, 79) and chip detectors (70, 71, 77, 78). Tighten chip detector (77, 78) to 60-65 pound-inches. Lockwire chip detector (70, 71) to drain plug by the double-twist method (SOPM 20-50-02). See Figure 701 for chip detector locations.

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- (4) Put the drain pan in position to catch overflow of oil from APU generator drive pad area or generator when coverplates are removed.
- (5) If installed, remove coverplate from APU generator drive pad with three AN315C6R nuts and three AN960C16 washers. Discard these nuts and washers. Remove coverplate from generator. Keep the coverplates. Remove and discard gasket. Be sure two oil passage plugs are removed and that vendor supplied packing is installed on generator splined shaft. Lubricate spline and packing with BMS 3-33 or BMS 3-24 grease, if necessary (SB 767-49-9).
- (6) Install seal plate (45) on generator flange with screws (50). Lubricate the seal plate rubber with Acryloid HF866 lubricant before installation.

WARNING: GENERATOR (55) WEIGHS APPROXIMATELY 60 POUNDS. BE SURE TO HOLD IT UP WITH LIFTING EYE A49002.

- (7) Remove and keep the bolt from the lifting boss (Fig. 701). Install lifting eye A49002.
- (8) Install nuts (65) on the APU generator drive pad studs, but keep a minimum of 1-inch clearance between the nuts and the seal plate.
- (9) Install nuts (60) on studs to prevent unnecessary complete removal of nuts (65) during future generator (55) removal.
- (10) Install generator (55) over mounting studs and turn it to engage the keyhole slots. Tighten nuts (65) to 264-324 pound-inches or tighten nuts (65A) to 175-200 pound-inches. Tighten nuts (60) to 100 pound-inches max if installed.
- (11) Remove lifting eye A49002 and install the bolt you removed in step 3.A.(7) above.
- (12) Install packing (40C) and union (35).
- (13) If necessary, install nutplates (165) on bracket (175) with rivets (170).
- (14) Attach tube assemblies (140, 145, 150, 155) to bracket assembly (160) with support assembly (115) and items (120, 125). Tighten bolts (120) after you adjust and connect the tube assemblies.
- (15) Attach drain assembly (100) to auxiliary power unit (180) with bolts (105) and washers (110).
- (16) Install seal (80B) with bolts (85) and washers (90).
- (17) Install fittings (210, 215), O-rings (220, 225) and dustcovers (200, 205).

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- (18) If applicable, install oil quantity indicator (67) and O-ring (68).
- (19) Fill auxiliary power unit (180) with oil. Refer to the applicable maintenance manual.
- (20) If necessary, install a replacement decal (235, 240, 245, 255) (SOPM 20-50-05).
- (21) Install marker (250) over the J1 stencil on the gear box.

B. Auxiliary Power Unit Assembly (IPL Fig. 2)

NOTE: The items used in steps (1) and (2) below are to lift and support the APU. They must be installed before you can put the APU in APU support cradle A49001.

- (1) Attach lifting pad (20) to the APU with items (25, 30). Tighten bolts (25) to 252-300 pound-inches. Lockwire by the double twist method (SOPM 20-50-02).
- (2) Attach brackets (5) with items (10, 15). For bracket (5) nearest generator, apply wet BMS 10-11, type 1, primer to faying surface during installation. Do not apply primer to remaining two brackets. See Fig. 701. Tighten bolts (10) to 252-300 pound-inches. Lockwire by the double twist method (SOPM 20-50-02).
- (3) Install seal plate (45) on generator flange with screws (50). Lubricate the seal plate rubber with Acryloid HF866 lubricant before installation.

WARNING: GENERATOR (55) WEIGHS APPROXIMATELY 60 POUNDS. BE SURE TO HOLD IT UP WITH LIFTING EYE A49002.

- (4) Remove and keep the bolt from the lifting boss as shown in Fig. 701. Install lifting eye A49002.
- (5) Install nuts (65) on the APU generator drive pad studs, but keep a minimum of 1-inch clearance between the nuts and the seal plate.

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- (6) Install nuts (60) on studs to prevent unnecessary complete removal of nuts (65) during future generator (55) removal.
- (7) Install generator (55) over the mounting studs and turn it to engage the keyhole slots. Tighten nuts (65) to 175-200 pound-inches. Tighten nuts (60) to 100 pound-inches max if installed.
- (8) Remove lifting eye A49002. Install the bolt you removed in step 3.B.(4) above.
- (9) Install packing (40) and union (35).
- (10) Install stiffener (280) and seal (270) around tube assemblies (220, 225, 230, 285, 290) with items 255, 260, 265. Attach tube assemblies (220, 225, 230, 285, 290) to bracket assembly (215) with support assembly (210) and items (195, 200, 205). Tighten bolts (195, 255) after you adjust and connect the tube assemblies.
- (11) Attach drain assembly (180) to auxiliary power unit (320) with bolts (185) and washers (190).
- (12) Install seal (70) with bolts (75) and washers (80).
- (13) Fill auxiliary power unit (320) with oil. Refer to the applicable 747 maintenance manual for instructions.
- (14) If necessary, install replacement decal (325, 330) per SOPM 20-50-05.

C. Auxiliary Power Unit Assembly (IPL Fig. 3)

NOTE: You must lift and support the APU in steps 3.C.(1) and 3.C.(2) below before you install the APU in APU support cradle A49001.

- (1) Attach the lifting pad (20) to the APU (95):
 - (a) Attach the lifting pad (20) on the APU with bolts (25) and washers (30).
 - (b) Tighten the bolts (25) to 252-300 pound-inches. Apply antiseize compound to bolts (25B) and tighten them to 200-250 pound-inches.
 - (c) Lockwire the boltheads by the double-twist method (SOPM 20-50-02).

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- (2) Install the three brackets (5) on the APU (95):
 - (a) Install the three brackets (5) on the APU (95) with bolts (10) and washers (15). For the bracket (5) nearest to the generator assembly (55), apply wet BMS 10-11, type 1, primer to faying surface during installation. Do not apply primer to the remaining two brackets. See Fig. 701.
 - (b) Tighten the bolts (10) to 252-300 pound-inches. Apply antiseize compound to bolts (10A) and tighten them to 200-250 pound-inches.
 - (c) Lockwire the boltheads by the double-twist method (SOPM 20-50-02).

- (3) Install seal plate (45) on generator flange:

- (a) Lubricate the seal plate rubber with Acryloid HF866 lubricant.
- (b) Install seal plate (45) on generator flange with screws (50).

WARNING: THE GENERATOR ASSEMBLY (55) WEIGHS APPROXIMATELY 60 POUNDS. HOLD IT UP WITH LIFTING EYE A49002.

- (4) Install the generator assembly (55) on the APU (95):

- (a) Make sure to remove two oil passage plugs.
- (b) Install an M83248-1-216 O-ring on the generator splined shaft. The O-ring is supplied by the vendor.
- (c) Remove the bolt from the lifting boss. See Fig. 701 for location of the lifting boss. Keep the bolt so you can use it again.
- (d) Install the A49002 lifting eye.
- (e) Install the nuts (65) on the studs. Make sure there is a minimum of 1-inch clearance between the nuts (65) and the seal plate (45).
- (f) Install the generator assembly (55) on the studs and turn the generator assembly (55) to engage the keyhole slots.
- (g) Tighten the nuts (65) to 175-200 pound-inches.

NOTE: To make removal of the generator assembly (55) faster and easier, do not use inspection putty on the fasteners.

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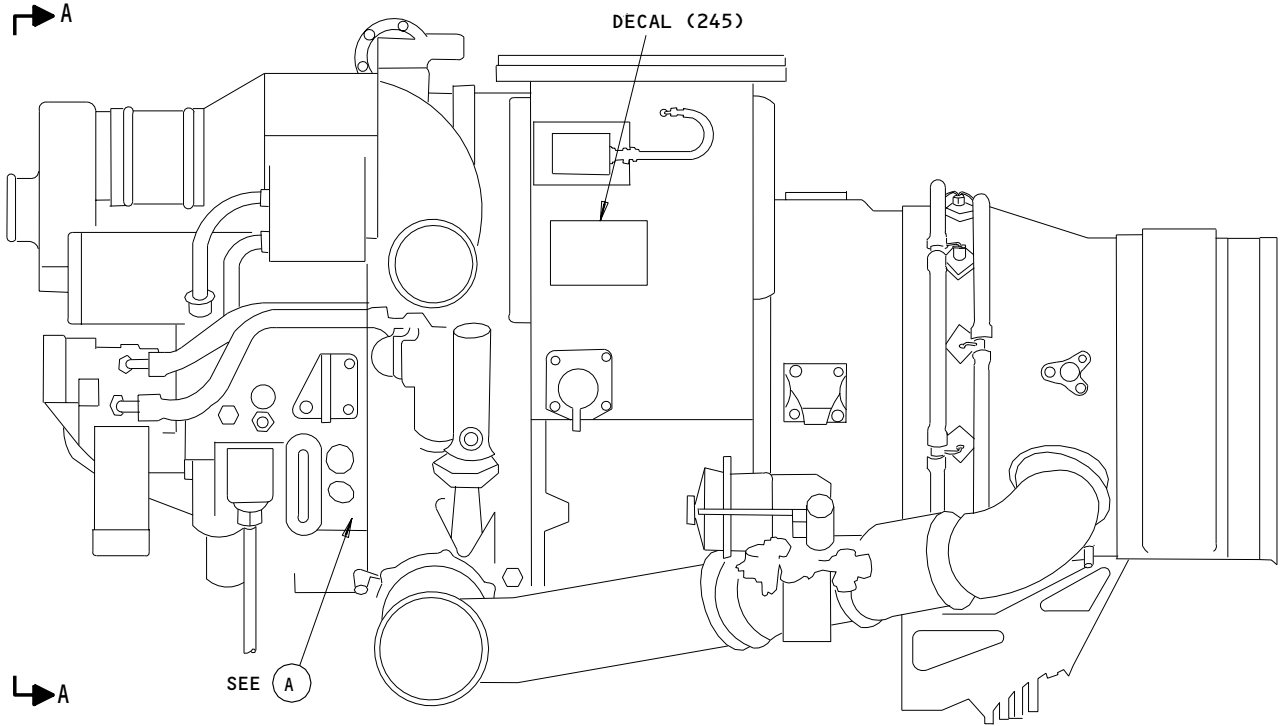
01.1

- (h) Remove the A49002 lifting eye and install the bolt you removed in step 3.C.(4)(c) above.
- (5) Install the union (35) on the APU (95):
 - (a) Install the packing (40) on the union (35) with a thin layer of petrolatum.
 - (b) Install the union (35) with the packing (40) on the APU (95).
 - (c) Tighten the union (35) to 250–280 pound-inches.
- (6) Install seal (80) with bolts (85) and washers (90).
- (7) Fill the APU (95) with oil. Refer to the applicable 767 Maintenance Manual for instructions.
- (8) If necessary, install a replacement decal (100) on the generator assembly (55) per SOPM 20–50–05.

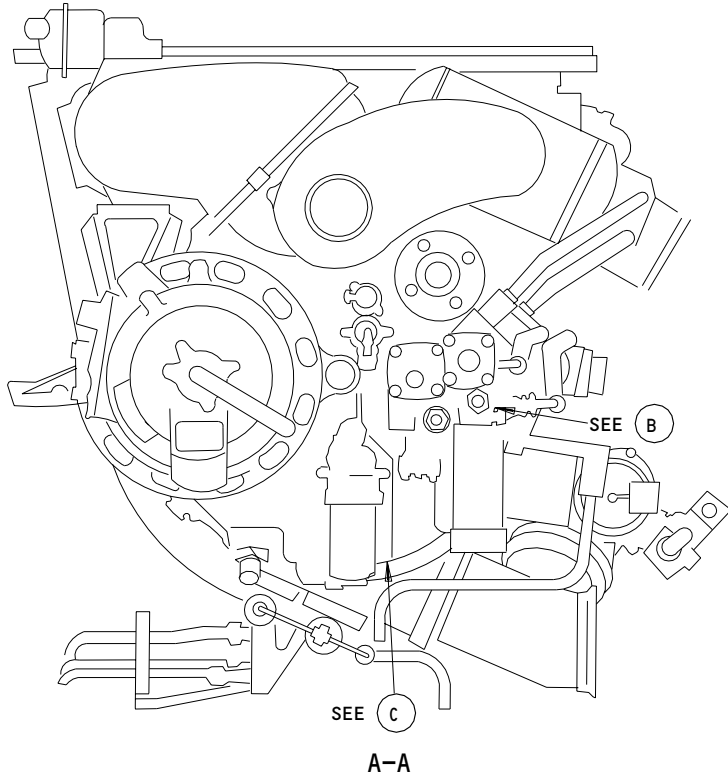
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351T0300 SHOWN

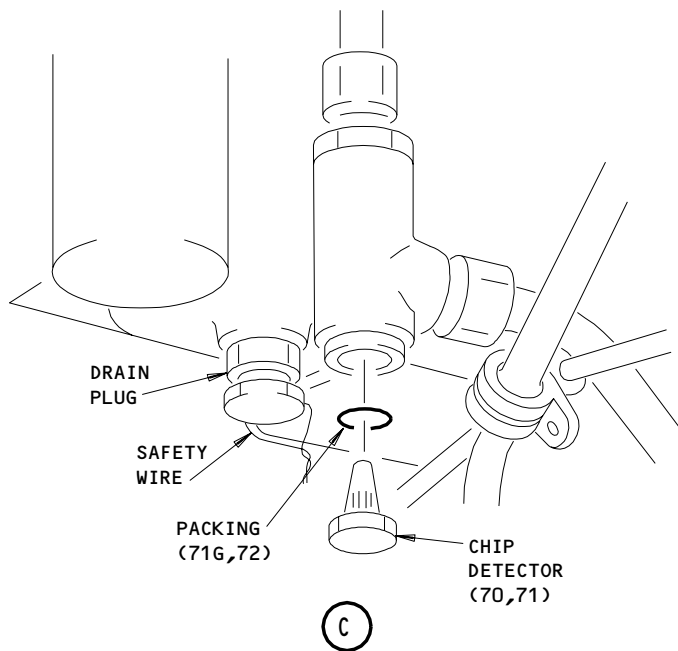
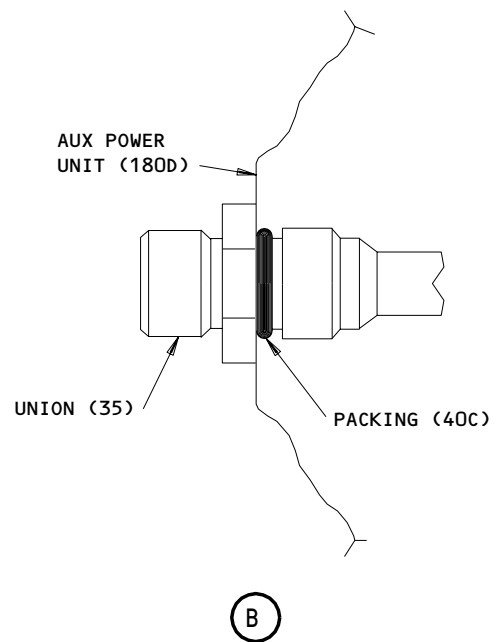
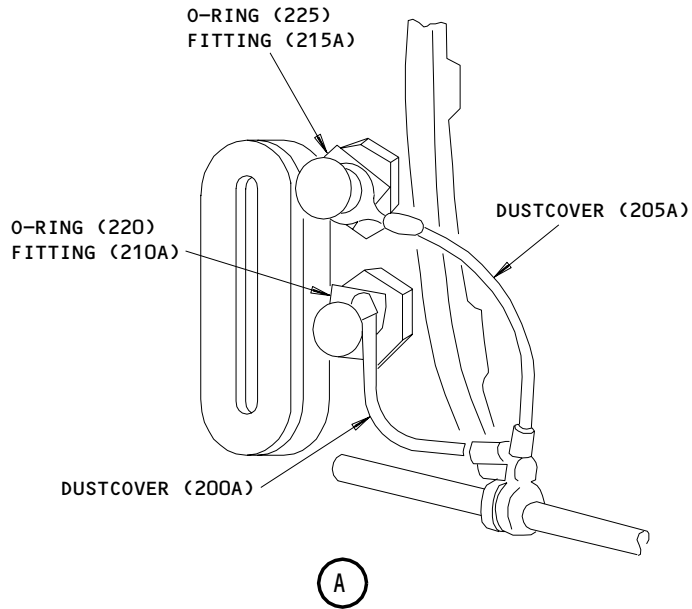


APU Assembly Details
Figure 701 (Sheet 1)

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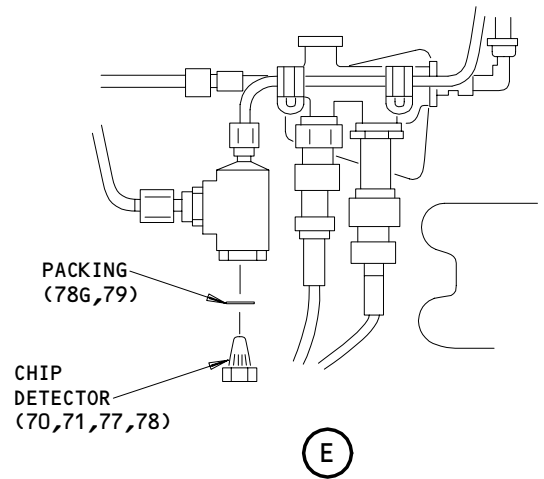
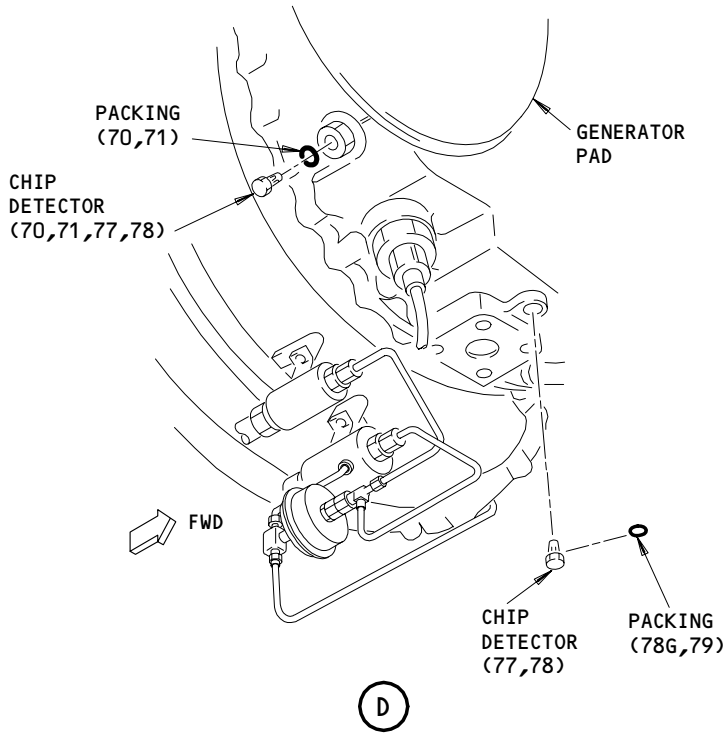
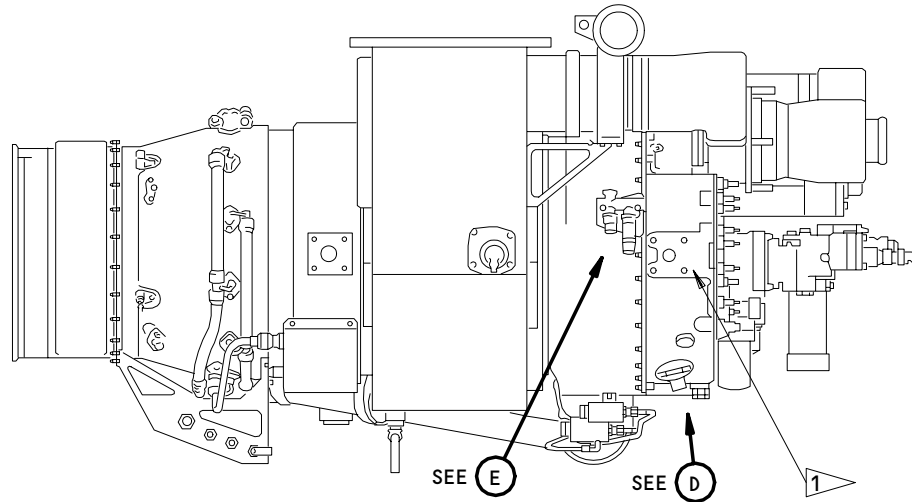
ITEM NUMBERS REFER TO IPL FIG 1

APU Assembly Details
 Figure 701 (Sheet 2)

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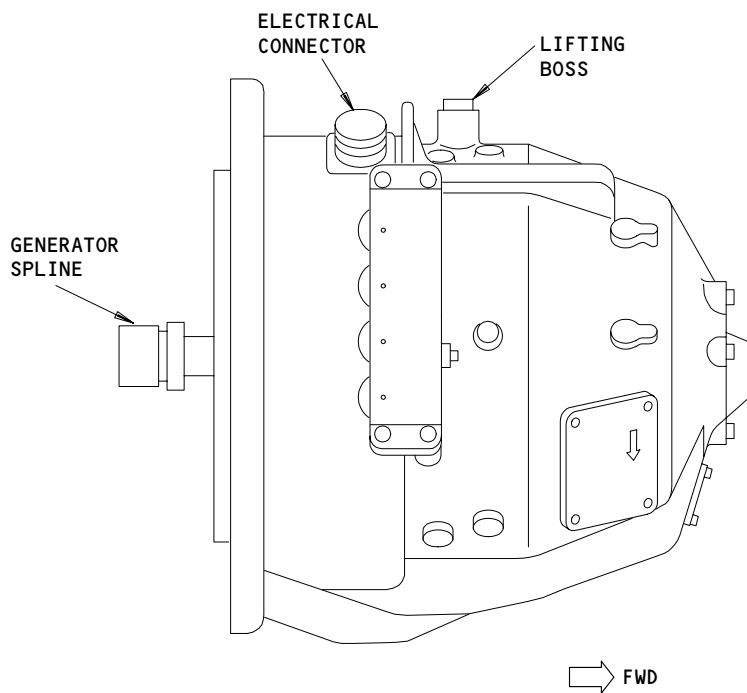


1 AT THIS LOCATION ONLY,
ATTACH BRACKET (5) WITH
WET BMS 10-11, TYPE 1,
PRIMER ON FAYING SURFACE

APU Assembly Details
Figure 701 (Sheet 3)

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APU Assembly Details
Figure 701 (Sheet 4)

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FITS AND CLEARANCES

REF IPL		NAME	TORQUE*	
FIG. NO.	ITEM NO.		POUND-INCHES	POUND-FEET
1	65	NUT	264-324	
1	65A	NUT	175-200	
1	10A	BOLT	252-300	
1	25A	BOLT	252-300	
1	60	NUT	100 MAX	
2	65	NUT	175-200	
2	10	BOLT	252-300	
2	25	BOLT	252-300	
2	60	NUT	100 MAX	
3	10	BOLT	252-300	
3	10A	BOLT	200-250	
3	25A	BOLT	252-300	
3	25B	BOLT	200-250	
3	35	UNION	250-280	
3	65	NUT	175-200	

* REFER TO SOPM 20-50-01 FOR TORQUE VALUES OF STANDARD FASTENERS.

Torque Table
Figure 801

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FITS AND CLEARANCES
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SPECIAL TOOLS, FIXTURES AND EQUIPMENT

NOTE: Equivalent substitutes may be used for listed items.

1. APU Support Cradle -- A49001
2. Lifting Eye -- A49002
3. APU Shop Handling Sling -- A49005

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SPECIAL TOOLS

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ILLUSTRATED PARTS LIST

1. This section lists and illustrates replaceable or repairable component parts. The Illustrated Parts Catalog contains a complete explanation of the Boeing part numbering system.

2. Indentures show parts relationships as follows:

Assembly

Detail Parts for Assembly

Subassembly

Attaching Parts for Subassembly

Detail Parts for Subassembly

Detail Installation Parts (Included only if installation parts may be returned to shop as part of assembly)

3. One use code letter (A, B, C, etc.) is assigned in the EFF CODE column for each variation of top assembly. All listed parts are used on all top assemblies except when limitations are shown by use code letter opposite individual part entries.

4. Letter suffixes (alpha-variants) are added to item numbers for optional parts, Service Bulletin modification parts, configuration differences (except left- and right-hand parts), product improvement parts, and parts added between two sequential item numbers. The alpha-variant is not shown on illustrations when appearance and location of all variants of the part is the same.

5. Service Bulletin modifications are shown by the notations PRE SB XXXX and POST SB XXXX.

A. When a new top assembly part number is assigned by Service Bulletin, the notations appear at the top assembly level only. The configuration differences at detail part level are then shown by use code letter.

B. When the top assembly part number is not changed by the Service Bulletin, the notations appear at the detail part level.

6. Parts Interchangeability

Optional
(OPT)

The parts are optional to and interchangeable with other parts having the same item number.

Supersedes, Superseded By
(SUPSDS, SUPSD BY)

The part supersedes and is not interchangeable with the original part.

Replaces, Replaced By
(REPLS, REPLD BY)

The part replaces and is interchangeable with, or is an alternate to, the original part.

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VENDORS

K0667 AP PRECISION HYDRAULICS
PO BOX 1 SHAW ROAD
SPEKE, LIVERPOOL, L24 9JY ENGLAND
FORMERLY V0745B

01673 AIRDROME PARTS CO
3251 AIRPORT WAY PO BOX 1867
LONG BEACH, CALIFORNIA 90801

08199 SIERRACIN-HARRISON
3020 EMPIRE AVENUE
BURBANK, CALIFORNIA 91504-3109
FORMERLY TECHNICAL IND INC OR HARRISON MFG CO DIV AXIAL CORP

11328 AEROQUIP SEE EATON AEROQUIP V00624

11815 CHERRY AEROSPACE FASTENERS DIV OF TEXTRON
1224 EAST WARNER AVENUE PO BOX 2157
SANTA ANA, CALIFORNIA 92707-0157
FORMERLY IN LOS ANGELES, CALIF, FORMERLY CHERRY FASTENERS
TOWNSEND DIV OF TEXTRON INC V71087

14798 DEUTSCH CO METAL COMPONENTS DIV
14800 SOUTH FIGUEROA STREET
GARDENA, CALIFORNIA 90248-1719
FORMERLY WEATHERHEAD V79470 FOR AEROSPACE PRODUCTS

15653 FAIRCHILD FASTENERS KAYNAR PRODUCTS DIV
800 S STATE COLLEGE BLVD
FULLERTON, CALIFORNIA 92831-3001
FORMERLY VK6405 MICRODOT AEROSP LTD; FORMERLY KAYNAR TECH
KAYNAR DIV

16632 FLEXFAB, INCORPORATED
1843 GUN LAKE ROAD
HASTINGS, MICHIGAN 49058-9275

29372 FAIRCHILD IND INC AEROSP FSTNRS DIV SOUTHBAY OPNS/TRIDAIR
3000 WEST LOMITA BLVD
TORRANCE, CALIFORNIA 90505-5103
FORMERLY CALFAX INC V11907; NEWTON INSERT CO V98004; REXNORD
INC SPECIALTY FASTENER DIV AND DELRON CO V82831; REXNORD
INC TRIDAIR IND

30974 AEROFIT PRODUCTS INC
8531 WHITAKER STREET
BUENA PARK, CALIFORNIA 90621-3129

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ILLUSTRATED PARTS LIST
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VENDORS

- 52828 REPUBLIC FASTENER MFG CORP
 1300 RANCHO CONEJO BLVD
 NEWBURY PARK, CALIFORNIA 91320-1405
 FORMERLY IN SYLMAR, CALIFORNIA
- 72962 HARVARD INDUSTRIES INC
 3 WERNER WAY SUITE 210
 LEBANON, NEW JERSEY 08833
 FORMERLY AMERACE CORP ESNA DIV
 FORMERLY ELASTIC STOP NUT IN UNION, NJ
- 81349 MILITARY SPECIFICATIONS PROMULGATED BY MILITARY
 DEPARTMENTS/AGENCIES UNDER AUTHORITY OF DEFENSE
 STANDARDIZATION MANUAL 4120 3-M
- 92215 FAIRCHILD IND INC FAIRCHILD AEROSPACE FASTENER DIV
 3010 W LOMITA BLVD
 TORRANCE, CALIFORNIA 90505-5102
 FORMERLY VOI-SHAN IN CULVER CITY, CALIF
- 95272 SARGENT IND INC STILLMAN SEAL DIV
 6020 AVENDIDA ENCINAS PO BOX 2000
 CARLSBAD, CALIFORNIA 92008-4407
 FORMERLY STILLMAN RUBBER DIV ELECTRADA CORP
 FORMERLY STILLMAN SEAL DIV OF SARGENT IND IN CULVER CITY, CA
- 97424 AMETEK AEROSPACE PRODUCTS INC
 50 FORDHAM ROAD
 WILMINGTON, MASSACHUSETTS 01887
 FORMERLY IN WEST LYNN, MASS; FORMERLY GENERAL ELEC CO
 AIRCRAFT INSTR; FORMERLY REVERE AEROSPACE IN
 WILLINGFORD, CONNECTICUT V50625
- 97484 VICKERS INC
 24 EAST GLENHOLDEN AVENUE
 GLENHOLDEN, PENNSYLVANIA 19036-2107
 FORMERLY TECHNICAL DEVELOPMENT CO
- 99167 HAMILTON SUNDSTRAND CORP
 4747 HARRISON AVE PO BOX 7002
 ROCKFORD, ILLINOIS 61125-7002
 FORMERLY SUNDSTRAND DENVER DIV V05237; V50907 & V77200
- 99193 ALLIEDSIGNAL AUXILIARY POWER
 2739 EAST WASHINGTON STREET
 PHOENIX, ARIZONA 85010-9979
 FORMERLY AIRESEARCH MFG CO OF ARIZONA; FORMERLY GARRETT
 TURBINE ENGINE; FORMERLY ALLIED-SIGNAL INC GARRETT AUX PWR

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ILLUSTRATED PARTS LIST
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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
AFP175V06		1	98	6
		1	98	6
		2	100	6
AFP175V06P		1	151	3
		2	235	3
		2	300	1
AFP175V08P		1	156	1
		2	295	1
AN960C10L		1	90	34
		2	80	34
		2	130	2
AN960XC10L		1	110	3
		1	125	2
		2	190	3
AN970-3		2	260	2
AP2097-06H		1	98	6
		2	100	6
AP2097-06HP		1	151	3
		2	235	3
		2	300	1
AP2097-08HP		1	156	1
		2	295	1
AP2097HP06		2	235	3
		2	300	1
AP2097HP08		2	295	1
AP2097H06		2	100	6
BACB30LK3-4		2	255	2
BACB30LK3U2		1	85A	34
		2	75	34
BACB30LK3U3		3	85	34
BACB30LM6HU3		3	25B	3
BACB30LM6HU4		3	10A	12
BACN10GW4AS		1	60	12
		2	60	12
BACN10JC3CM		2	135	2
		2	205	2
		2	265	2
BACN10KB3F		1	165	2
BACN10YE6N		2	240A	3
		2	310A	1
BACN10YE8N		2	305A	1
BACR15BA4		1	170	4
BACS12GM3-8		1	50	3
		2	50	3
		3	50A	3
BACS13BX06H		1	98	6
		2	100	6

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 ILLUSTRATED PARTS LIST
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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACS13BX06HP		1	151	3
		2	235	3
		2	300	1
BACS13BX08HP		1	156	1
		2	295	1
BACT11SD2F		1	99	3
		2	115	3
BACT11SV1F		1	154A	1
		2	245	2
BACT11TD1F		1	96	3
		1	153	2
		1	158	1
		2	250	1
		2	315	2
		2	315	2
BACW10BP6AC		1	15	12
		1	30	3
		2	15	12
		2	30	3
		3	15	12
		3	30	3
BAC27NAP1008		3	100	1
BAC27TAP0007		1	235A	1
		2	325	1
BAC27TAP0012		1	235B	1
BAC27TAP0013		1	245	1
BAC27TAP0014		1	245A	1
BAC27TAP0015		1	245B	1
BAC27TAP0016		1	245C	1
BAC27TAP0017		1	245D	1
BAC27TAP0018		1	245E	1
BAC27TAP0019		1	240	1
BAC27TAP0020		1	245F	1
BAC27TAP0021		1	245G	1
BAC27TAP0022		1	245H	1
BAC27TAP0023		1	245J	1
BAC27TAP0024		1	245K	1
BAC27TAP0025		1	245L	1
BAC27TAP0026		1	245M	1
BAC27TAP0027		1	245N	1
BAC27TAP0028		1	245P	1
BAC27TAP0029		1	245Q	1
BAC27TAP0030		1	245R	1
BAC27TAP0032		1	235C	1
BAC27TAP0034		1	245T	1
BAC27TAP0035		1	245U	1
BAC27TAP0036		1	245V	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BAC27TAP0037		1	245W	1
BAC27TAP0038		1	245X	1
BAC27TAP0039		1	245Y	1
BAC27TAP0043		1	250	1
		2	330	1
BAC27TAP0044		1	235D	1
BOE2036		1	80B	1
BRF100A3		1	165	2
BOE2036-0004		1	80B	1
		2	70	1
		3	80	1
DA8980-6		1	45A	1
		2	45	1
		3	45	1
DBOS13BX06H		1	98	6
		2	100	6
DBOS13BX06HP		1	151	3
		2	235	3
		2	300	1
DBOS13BX08HP		1	156	1
		2	295	1
F2000-3		1	165	2
K201AC		1	77	2
		1	78	1
MS21902J8		1	35	1
		2	35	1
		3	35	1
MS21921-6J		1	151C	3
MS21921-6S		1	98C	6
		2	105	6
MS21921-8J		1	157	1
MS28775-128		1	68	1
MS28778-6		1	220	1
MS28778-8		1	225	1
MS29512-08		3	40	1
M83248-1-908		1	40C	1
		2	40	1
		3	40A	1
M83248-2-907		1	71G	2
		1	72	1
		1	78G	2
		1	79	1
NAS1149C0316B		2	200	2

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 ILLUSTRATED PARTS LIST
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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
NAS1149C0332R		3	90	34
NAS1801-3-8		2	125	2
NAS1805-6P		1	65A	12
		2	65	12
		3	65	12
NAS514P1032-8		3	50	3
NAS6603-14		2	195	2
NAS6703-22		1	120	2
NAS6703U2		1	105	3
		2	185	3
NAS6703U3		1	85C	34
NAS6706HU3		3	25A	3
NAS6706HU4		1	10A	12
		1	25A	3
		2	10	12
		2	25	3
		3	10	12
P201		1	70	1
		1	71	2
RMF9207-3		1	165	2
S281T001-37		1	55B	1
		2	55	1
S281T001-6		1	55A	1
S281W101-7		3	55	1
S351N101-1		1	67	1
S351T020-103		1	180E	1
S351T020-105		1	180H	1
S351T020-107		1	180K	1
S351T020-109		1	180M	1
S351T020-11		1	180L	1
S351T020-13		1	180N	1
S351T020-15		1	180P	1
S351T020-200		1	180Q	1
S351T020-201		1	180R	1
S351T020-202		1	180S	1
S351T020-203		1	180T	1
S351T020-204		1	180V	1
		2	320	1
S351T020-205		1	180W	1
S351T030-1		1	80B	1
		2	70	1
		3	80	1
S351T040-6		1	45A	1
		2	45	1
		3	45	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
S351T040-8		1	45B	1
S351T200-2		3	95A	1
T8114S1032S		1	165	2
VN151A1-02		1	165	2
OMP2505-13S		1	200A	1
OMP2505-2		1	210A	1
OMP2506-13S		1	205A	1
OMP2506-2		1	215A	1
2-02903-06H		1	98	6
		2	100	6
2-02903-06HP		1	151	3
		2	235	3
		2	300	1
2-02903-08HP		1	156	1
		2	295	1
351N1101-10		2	110	1
351N1101-13		1	97	1
		2	85	1
351N1101-14		1	97C	1
		2	90	1
351N1101-17		1	97F	1
351N1101-6		2	95	1
351T0300-13		1	1M	RF
351T0300-14		1	1N	RF
351T0300-15		1	1P	RF
351T0300-16		1	1Q	RF
351T0300-17		1	1R	RF
351T0300-18		1	1S	RF
351T0300-19		1	1T	RF
351T0300-20		1	1U	RF
351T0300-21		1	1V	RF
351T0300-22		1	1W	RF
351T0300-23		1	1X	RF
351T0300-24		1	1Y	RF
351T0300-25		1	1Z	RF
351T0300-26		1	2	RF
351T0300-27		1	2A	RF
351T0300-28		1	2B	RF
351T0300-29		1	2C	RF
351T0300-31		1	2E	RF
351T0300-32		1	2F	RF
351T0300-33		1	2G	RF
351T0300-34		1	2H	RF
351T0300-35		1	2J	RF
351T0300-36		1	2K	RF

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 ILLUSTRATED PARTS LIST
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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
351T0300-38		1	2L	RF
351T0300-39		1	2M	RF
351T0300-41		1	2N	RF
351T0300-45		1	2P	RF
351T0300-46		1	2Q	RF
351T0300-47		1	2R	RF
351T0300-48		1	2S	RF
351T0300-50		1	2U	RF
351T0300-51		1	2V	RF
351T0300-52		1	2W	RF
351T0300-53		1	2X	RF
351T0300-54		1	2Y	RF
351T0300-55		1	2Z	RF
351T0300-56		1	3	RF
351T0300-57		1	3A	RF
		2	1A	RF
351T0300-58		1	3B	RF
351T0301-1		1	5	3
		2	5	3
		3	5	3
351T0302-1		1	20	1
		2	20	1
		3	20	1
351T0304-1		1	3E	RF
351T0304-1		3	1A	RF
351T0304-2		1	3F	RF
		3	1B	RF
35235VN06		1	151	3
		2	235	3
		2	300	1
35235VN08		1	156	1
		2	295	1
35235V06		1	98	6
		2	100	6
356N1002-1		2	270	1
356N1003-1		2	120	1
356N1004-1		2	175	1
356N1004-2		2	170	1
356N1004-3		2	145	2
356N1005-1		2	155	1
356N1005-3		2	150	1
		2	160	1
356N1005-4		2	165	1
356N1005-5		2	140	1
356N1006-1		2	280	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
356T0200-1		1	100	1
356T0200-2		1	100J	1
356T0200-3		2	180	1
356T0201-1		1	160	1
356T0201-2		1	175	1
356T0201-4		2	215	1
356T0202-17		1	140A	1
356T0202-18		1	150A	1
356T0202-19		1	155A	1
356T0202-20		1	145A	1
356T0202-24		1	150B	1
356T0202-25		1	145B	1
356T0202-26		1	140B	1
356T0202-30		2	285	1
356T0202-31		2	220	1
356T0202-32		2	225	1
356T0202-33		2	230	1
356T0202-34		2	290	1
356T0203-1		1	115	1
356T0203-2		1	130	1
356T0203-3		1	135	1
356T0203-4		2	210	2
356T0204-1		2	275	1
3800298-1-1		1	180Q	1
3800298-1-2		1	180R	1
3800298-1-3		1	180S	1
3800298-1-4		1	180T	1
3800298-1-5		1	180V	1
		2	320	1
3800298-1-6		1	180W	1
3800608-1		3	95	1
3800608-2		3	95A	1
381326-2		1	180D	1
381326-2-1		1	180L	1
381326-2-3		1	180P	1
381326-2-4		1	180Y	1
381364-1		1	180E	1
381364-1-1		1	180K	1
381364-1-2		1	180M	1
381364-1-3		1	180X	1
381364-2-2		1	180N	1
3876023-2		1	78L	1
624AG5HD		1	65	12
727810A		1	55A	1
727810B		1	55C	1

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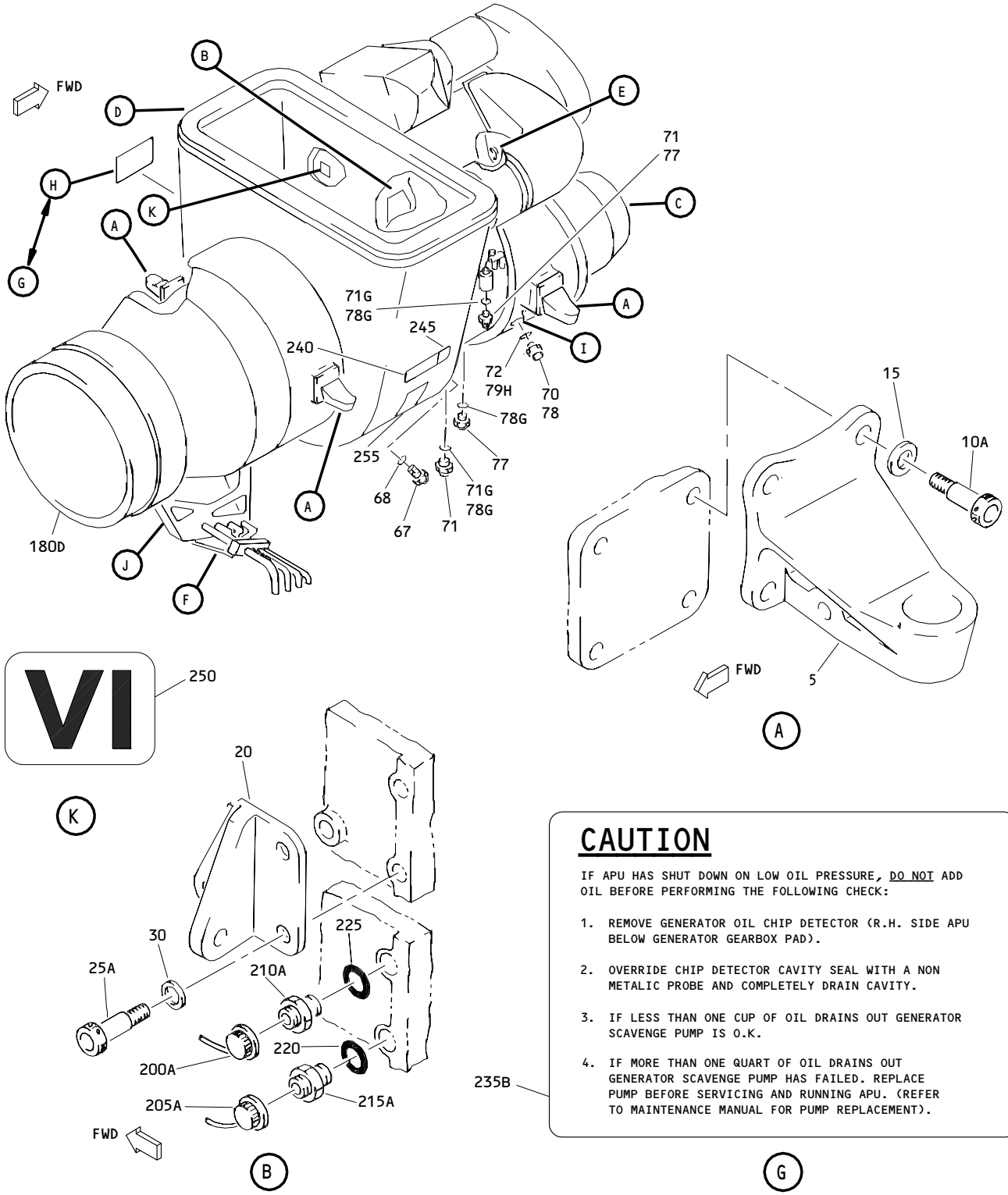
351T0300
351T0304

 **BOEING**
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MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
727810C		1	55B	1
		2	55	1
756589A		3	55	1
8TJ99GGE1		1	67	1
839		1	80B	1

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CAUTION

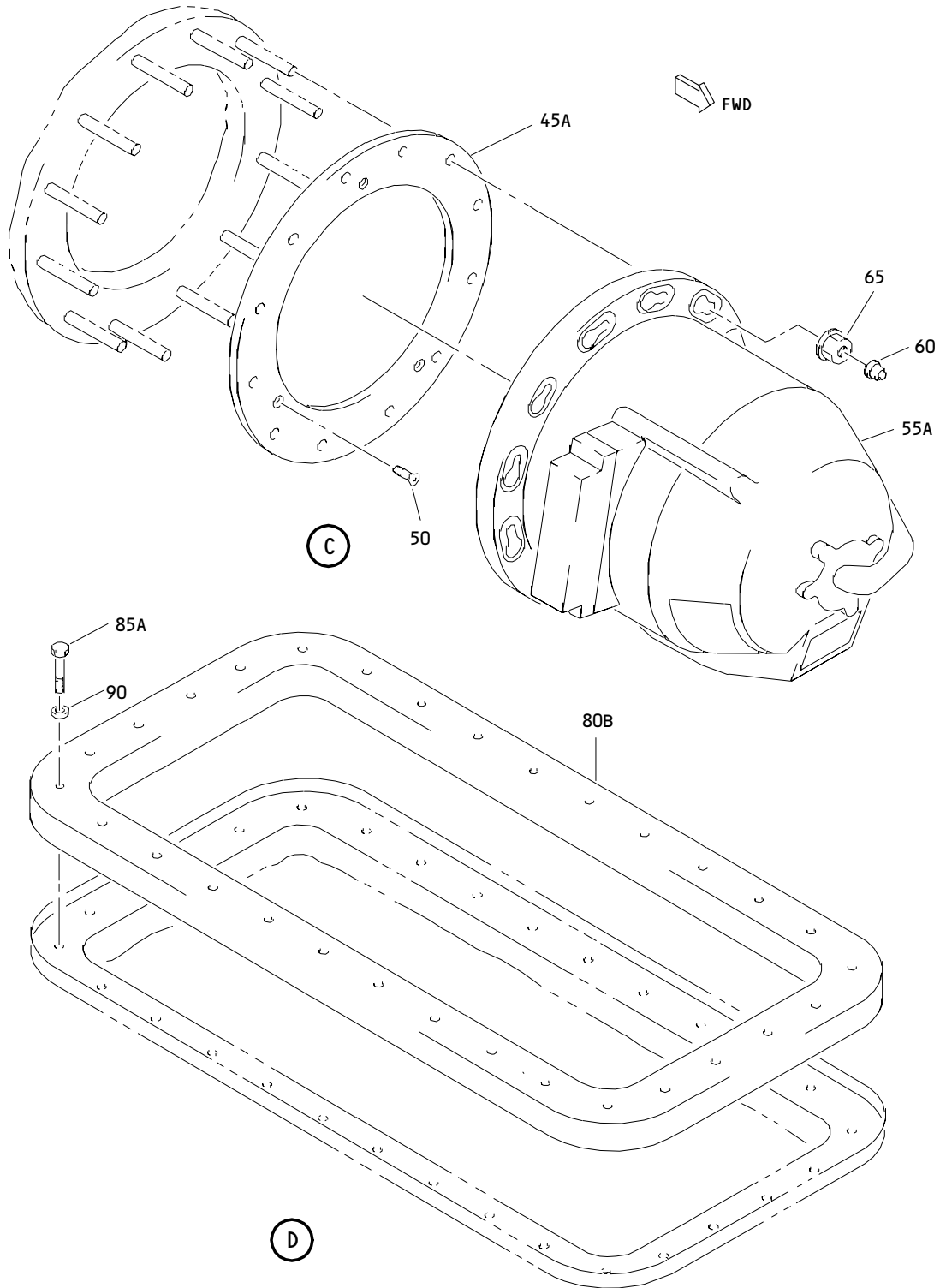
IF APU HAS SHUT DOWN ON LOW OIL PRESSURE, DO NOT ADD OIL BEFORE PERFORMING THE FOLLOWING CHECK:

1. REMOVE GENERATOR OIL CHIP DETECTOR (R.H. SIDE APU BELOW GENERATOR GEARBOX PAD).
2. OVERRIDE CHIP DETECTOR CAVITY SEAL WITH A NON METALIC PROBE AND COMPLETELY DRAIN CAVITY.
3. IF LESS THAN ONE CUP OF OIL DRAINS OUT GENERATOR SCAVENGE PUMP IS O.K.
4. IF MORE THAN ONE QUART OF OIL DRAINS OUT GENERATOR SCAVENGE PUMP HAS FAILED. REPLACE PUMP BEFORE SERVICING AND RUNNING APU. (REFER TO MAINTENANCE MANUAL FOR PUMP REPLACEMENT).

Auxiliary Power Unit Assembly
 Figure 1 (Sheet 1)

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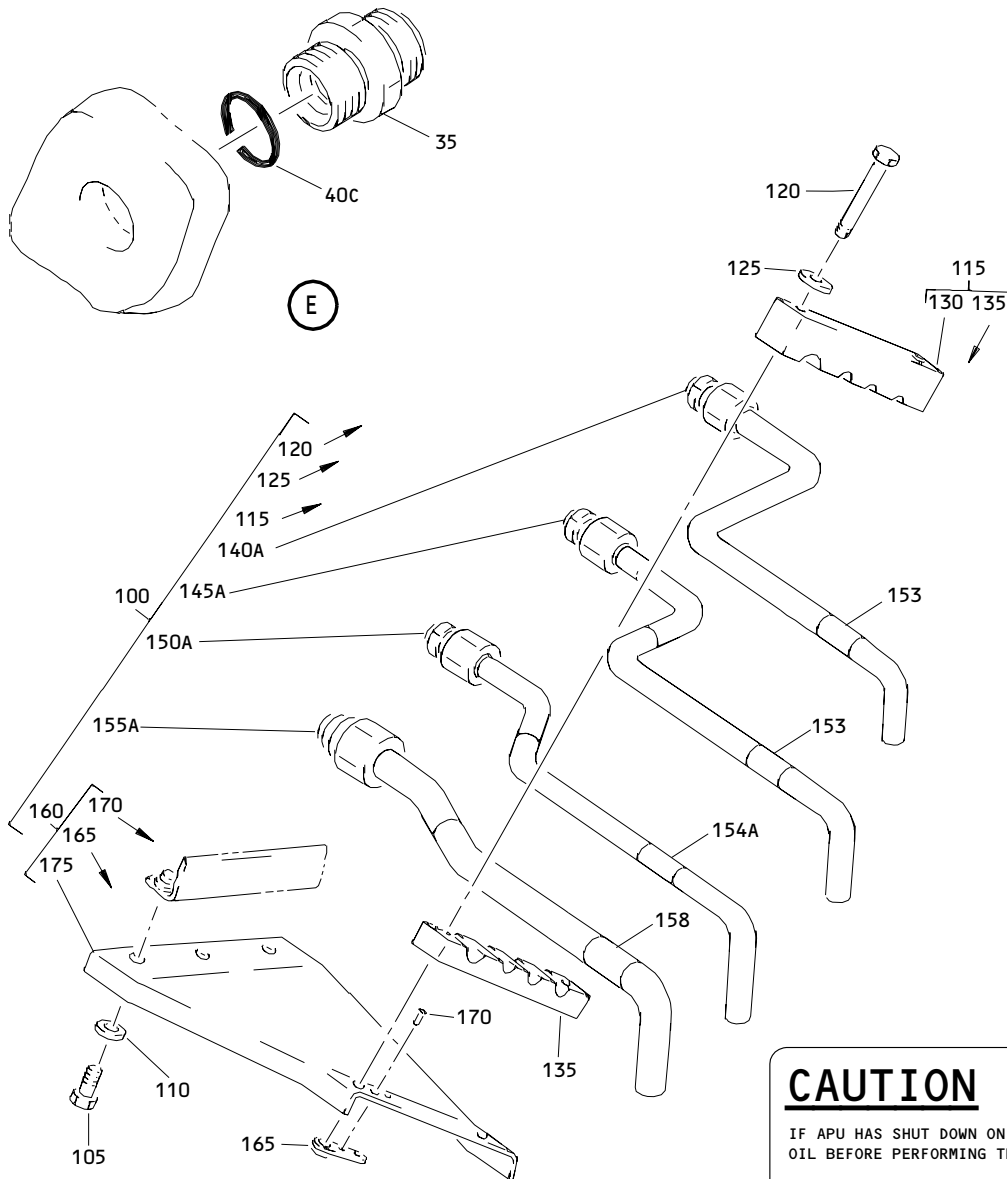
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Auxiliary Power Unit Assembly
Figure 1 (Sheet 2)

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CAUTION

IF APU HAS SHUT DOWN ON LOW OIL PRESSURE, DO NOT ADD OIL BEFORE PERFORMING THE FOLLOWING CHECK:

1. REMOVE GENERATOR OIL CHIP DETECTOR (R.H. SIDE APU BELOW GENERATOR GEARBOX PAD).
2. OVERRIDE CHIP DETECTOR CAVITY SEAL WITH A NON METALIC PROBE AND COMPLETELY DRAIN CAVITY.
3. IF LESS THAN ONE CUP OF OIL DRAINS OUT GENERATOR SCAVENGE PUMP IS O.K.
4. IF MORE THAN ONE QUART OF OIL DRAINS OUT GENERATOR SCAVENGE PUMP HAS FAILED. REPLACE PUMP BEFORE SERVICING AND RUNNING APU. (REFER TO MAINTENANCE MANUAL FOR PUMP REPLACEMENT).

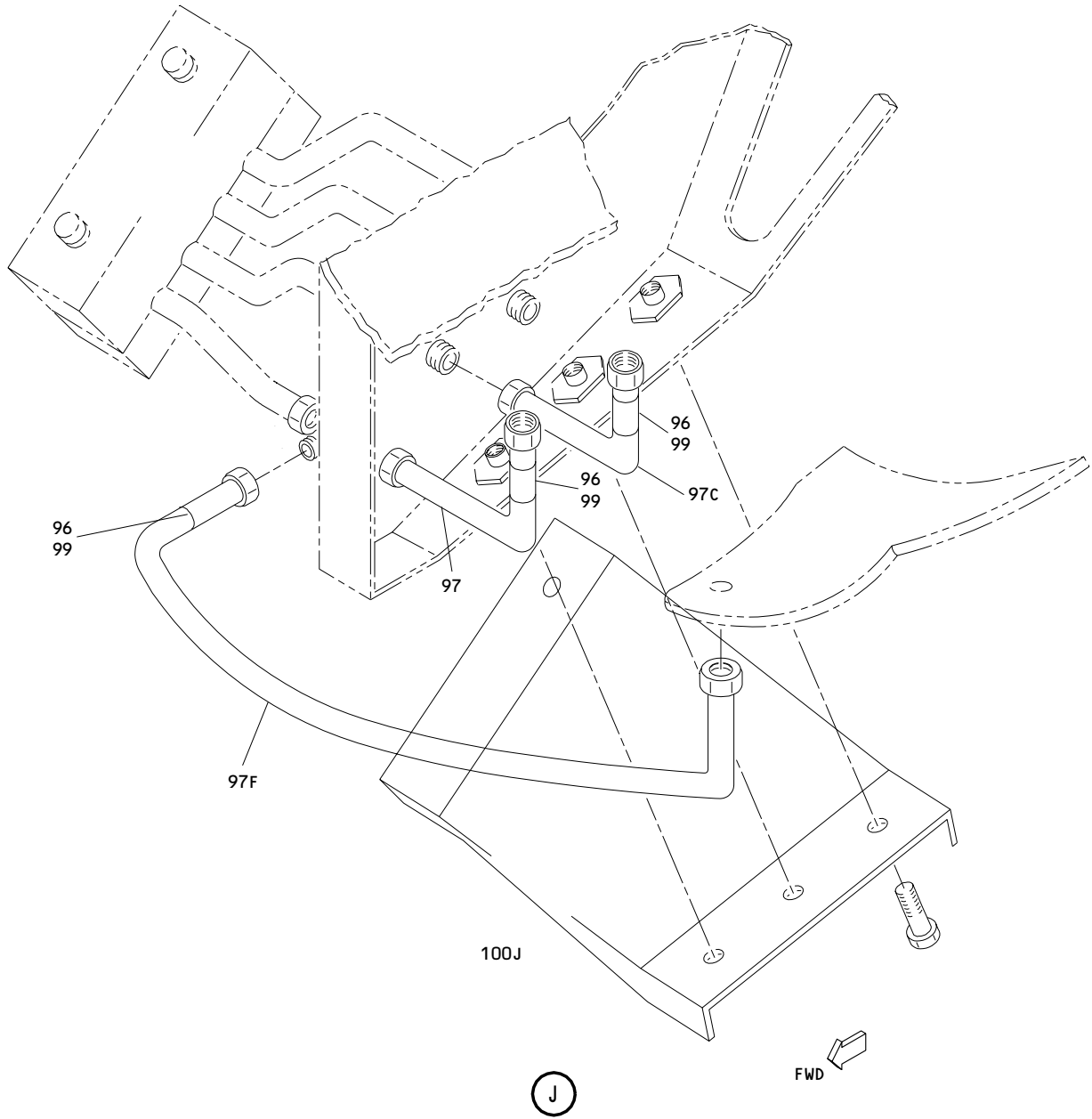
(F)

(H)

Auxiliary Power Unit Assembly
 Figure 1 (Sheet 3)

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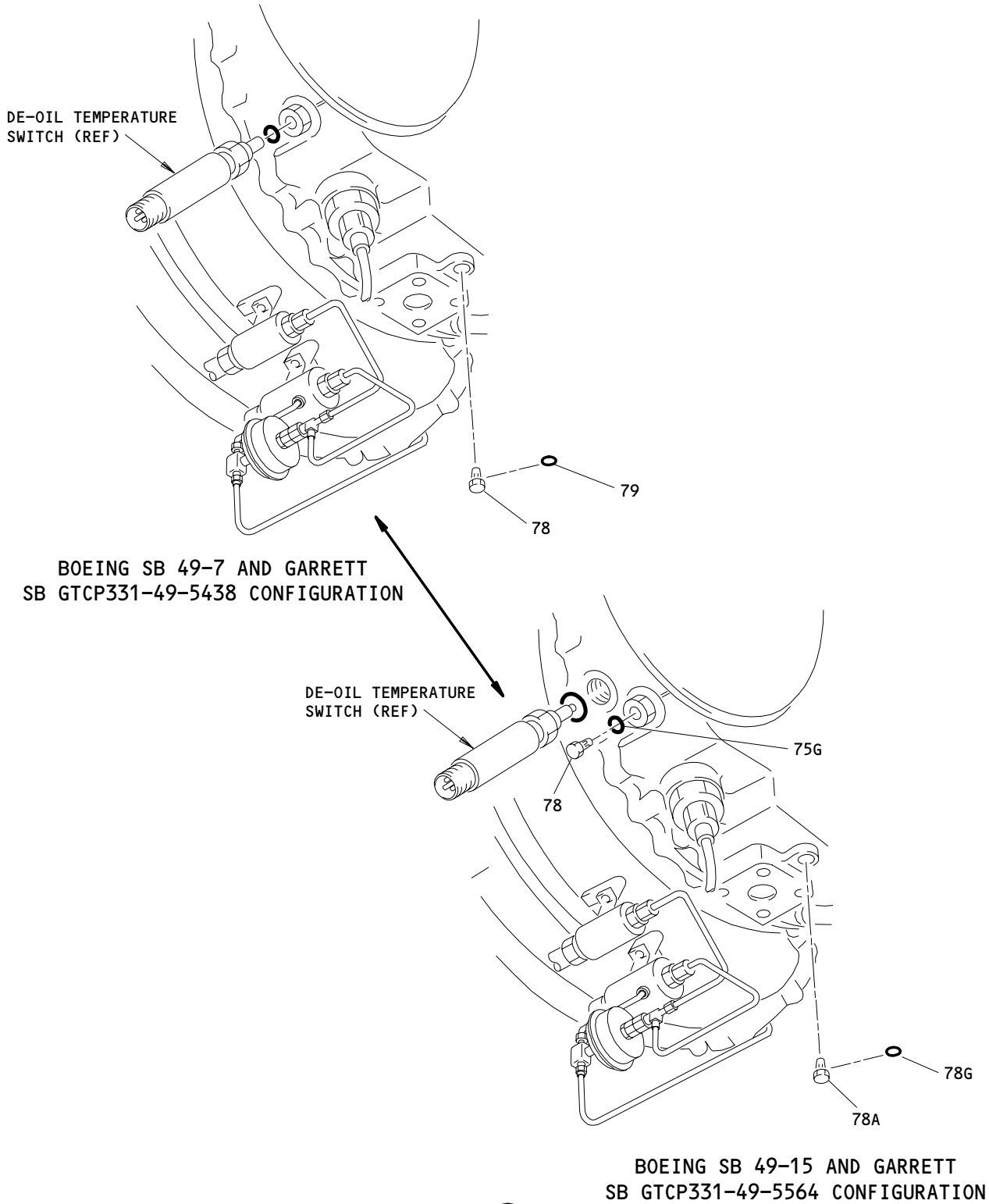
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Auxiliary Power Unit Assembly
Figure 1 (Sheet 4)

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Auxiliary Power Unit Assembly
 Figure 1 (Sheet 5)

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MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
-1	351T0300-1		DELETED		
-1A	351T0300-2		DELETED		
-1B	351T0300-3		DELETED		
-1C	351T0300-4		DELETED		
-1D	351T0300-5		DELETED		
-1E	351T0300-6		DELETED		
-1F	351T0300-7		DELETED		
-1G	351T0300-8		DELETED		
-1H	351T0300-9		DELETED		
-1J	351T0300-10		DELETED		
-1K	351T0300-11		DELETED		
-1L	351T0300-12		DELETED		
-1M	351T0300-13		POWER UNIT ASSY-AUX PWR SYS AUX	A	RF
-1N	351T0300-14		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	B	RF
-1P	351T0300-15		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	C	RF
-1Q	351T0300-16		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	D	RF
-1R	351T0300-17		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	E	RF
-1S	351T0300-18		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	F	RF
-1T	351T0300-19		POWER UNIT ASSY-AUX PWR SYS AUX	G	RF
-1U	351T0300-20		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	H	RF
-1V	351T0300-21		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	J	RF
-1W	351T0300-22		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	K	RF
-1X	351T0300-23		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	L	RF
-1Y	351T0300-24		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	M	RF
-1Z	351T0300-25		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	N	RF
-2	351T0300-26		POWER UNIT ASSY-AUX PWR SYS AUX	P	RF
-2A	351T0300-27		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	Q	RF
-2B	351T0300-28		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	R	RF

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -2C	351T0300-29		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	S	RF
-2D	351T0300-30		DELETED		
-2E	351T0300-31		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	U	RF
-2F	351T0300-32		POWER UNIT ASSY-AUX PWR SYS AUX	V	RF
-2G	351T0300-33		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	W	RF
-2H	351T0300-34		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	X	RF
-2J	351T0300-35		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	Y	RF
-2K	351T0300-36		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	Z	RF
-2L	351T0300-38		POWER UNIT ASSY-AUX PWR SYS AUX	T	RF
-2M	351T0300-39		POWER UNIT ASSY-AUX PWR SYS AUX	AA	RF
-2N	351T0300-41		POWER UNIT ASSY-AUX PWR SYS AUX	AB	RF
-2P	351T0300-45		POWER UNIT ASSY-AUX PWR SYS AUX	AC	RF
-2Q	351T0300-46		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	AE	RF
-2R	351T0300-47		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	AD	RF
-2S	351T0300-48		POWER UNIT ASSY-AUX PWR SYS AUX	AF	RF
-2T	351T0300-49		DELETED		
-2U	351T0300-50		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	AH	RF
-2V	351T0300-51		POWER UNIT ASSY-AUX PWR SYS AUX	AJ	RF
-2W	351T0300-52		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	AK	RF
-2X	351T0300-53		POWER UNIT ASSY-AUX PWR SYS AUX	AL	RF
-2Y	351T0300-54		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	AM	RF
-2Z	351T0300-55		POWER UNIT ASSY-AUX PWR SYS AUX	AN	RF
-3	351T0300-56		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	AP	RF

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -3A	351T0300-57		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE) (FOR DETAILS SEE FIG. 2)	AG	RF
-3B	351T0300-58		POWER UNIT ASSY-AUX PWR SYS AUX	AQ	RF
-3C	351T0300-60		POWER UNIT ASSY-AUX PWR SYS AUX	AR	RF
-3D	351T0300-61		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	AS	RF
-3E	351T0304-1		POWER UNIT ASSY-AUX PWR SYS (FOR DETAILS SEE FIG. 3)	AT	RF
R -3F	351T0304-2		POWER UNIT INSTL-AUX PWR SYS (FOR DETAILS SEE FIG. 3)	AU	RF
5	351T0301-1		.BRACKET-(GSE)	A-AF, AH-AS	3
10 10A	NAS6706HU5 NAS6706HU4		ATTACHING PARTS DELETED .BOLT	A-AF, AH-AS	12
15	BACW10BP6AC		.WASHER -----*-----	A-AF, AH-AS	12
20	351T0302-1		.PAD-LIFTING (GSE)	A-AF, AH-AS	1
25 25A	NAS6706HU5 NAS6706HU4		ATTACHING PARTS DELETED .BOLT -----*-----	A-AF, AH-AS	3
-25M	BAC27TAP0026		DELETED ATTACHING PARTS		
30	BACW10BP6AC		.WASHER -----*-----	A-AF, AH-AS	3
35	MS21902J8		.UNION	A-AF, AH-AS	1
40 40A 40B 40C	M832481-908 M83248-1-908 M832481-908 M83248-1-908		DELETED DELETED DELETED .PACKING- (V81349)	A-AF, AH-AS	1
45	798350		DELETED		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-45A	DA8980-6		.PLATE-SEAL (V95272) (SPEC S351T040-6) (OPT ITEM 45B)	A-M, P-S,U	1
-45B	S351T040-8		.PLATE-SEAL (OPT ITEM 45A)	A-M, P-S,U	1
-45C	DA8980-6		.PLATE-SEAL (V95272) (SPEC S351T040-6)	N,T, V-Z,A A-AF, AH-AS	1
50	BACS12GM3-8		ATTACHING PARTS .SCREW -----*-----	A-AF, AH-AS	3
55 55A	727810 727810A		DELETED .GENERATOR- (V99167) (SPEC S281T001-6) (727810A 727810B AND 727810C ARE I/W EXCEPT FOR ETOPS WHERE 727810B AND 727810C ARE APPROVED AND 727810A IS NOT APPROVED UNTIL INSPECTED /MODIFIED PER SUNDSTRAND SERVICE BULLETIN 90EG01-24-6) (OPT 727810B (V99167))	A-AE	1
-55B	727810C		.GENERATOR- (V99167) (SPEC S281T001-37) (727810A 727810B AND 727810C ARE I/W EXCEPT FOR ETOPS WHERE 727810B AND 727810C ARE APPROVED AND 727810A IS NOT APPROVED UNTIL INSPECTED /MODIFIED PER SUNDSTRAND SERVICE BULLETIN 90EG01-24-6)	AF,AH ,AK-A S	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -55C	727810B		.GENERATOR- (V99167) (SPEC S281T001-6) (727810A 727810B AND 727810C ARE I/W EXCEPT FOR ETOPS WHERE 727810B 727810C ARE APPROVED AND 727810A IS NOT APPROVED UNTIL INSPECTED /MODIFIED PER SUNDSTRAND SERVICE BULLETIN 90EG01-24-6) (OPT 727810A (V99167))	A-AE	1
-55D	727810C		.GENERATOR- (727810A 727810B AND 727810C ARE I/W EXCEPT FOR ETOPS WHERE 727810B AND 727810C ARE APPROVED AND 727810A IS NOT APPROVED UNTIL INSPECTED /MODIFIED PER SUNDSTRAND SERVICE BULLETIN 90EG01-24-6) (V99167) (SPEC S281T001-37) (OPT ITEMS 55E, 55F)	AJ	1
-55E	727810A		.GENERATOR- (727810A 727810B AND 727810C ARE I/W EXCEPT FOR ETOPS WHERE 727810B AND 727810C ARE APPROVED AND 727810A IS NOT APPROVED UNTIL INSPECTED /MODIFIED PER SUNDSTRAND SERVICE BULLETIN 90EG01-24-6) (V99167) (SPEC S281T001-6) (OPT 727810B (V99167)) (OPT ITEM 55D, 55F)	AJ	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-55F	727810B		.GENERATOR- (727810A 727810B AND 727810C ARE I/W EXCEPT FOR ETOPS WHERE 727810B AND 727810C ARE APPROVED AND 727810A IS NOT APPROVED UNTIL INSPECTED /MODIFIED PER SUNDSTRAND SERVICE BULLETIN 90EG01-24-6) (V99167) (SPEC S281T001-6) (OPT 727810A (V99167)) (OPT ITEM 55D, 55E)	AJ	1
60	BACN10GW4AS		ATTACHING PARTS .NUT	A-AF, AH-AQ	12
65	624AG5HD		.NUT- (V29372)	B-AF, AH-AM ,AP	12
-65A	NAS1805-6P		.NUT	A,AN, AQ-AS	12
			-----*-----		
67	8TJ99GGE1		.INDICATOR-OIL QTY (V97424) (SPEC S351N101-1)	N	1
68	MS28775-128		.PACKING	N	1
70	P201		.DETECTOR-CHIP (V97484)	B,C,F	1
71	P201		.DETECTOR-CHIP (V97484)	C,F,H ,L-N, Q,T,W ,Z	2
71G	M83248-2-907		.PACKING- (V81349)	C,F,H ,L-N, Q,T,W ,Z	2
72	M83248-2-907		.PACKING- (V81349)	B,C,F	1
72G	P201		DELETED		
75	P201		DELETED		
75G	M83248-2-907		DELETED		
76	M83248-2-907		DELETED		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-77	K201AC		.DETECTOR-REMOTE CHIP (V97484)	D,J,R,X,AA	2
78	K201AC		.DETECTOR-REMOTE CHIP (V97484) (PRE SB 767-49-0007 AND GTCP331-49-5438)	D	1
-78A	K201AC		.DETECTOR-REMOTE CHIP (V97484) (POST SB 767-49-0015 AND GTCP331-49-5564)	D	1
78G	M83248-2-907		.PACKING- (V81349) (OPT V02697)	D,J,R,X,AA	2
78L	3876023-2		.SWITCH-OIL TEMP (V99193) (POST SB 767-49-0015 AND GTCP331-49-5564)	D	1
79	M83248-2-907		.PACKING- (V81349) (OPT V02697) (PRE SB 767-49-0007 AND GTCP331-49-5438) (POST SB 767-49-0015 AND GTCP331-49-5564)	D	1
79H	M83248-2-907		.PACKING- (V81349) (POST SB 767-49-0015 AND GTCP331-49-5564)	D	1
80	839		DELETED		
80A	BOE2036		DELETED		
80B	BOE2036-0004		.SEAL-AIR INLET (V16632) (SPEC S351T030-1) ATTACHING PARTS	A-AF, AH-AS	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-85	NAS6703U4		DELETED		
85A	BACB30LK3U2		.BOLT	A-AF, AH-AQ ,AT	34
-85B	BACB30LK3U2		.BOLT- (OPT ITEM 85C)	AR,AS	34
-85C	NAS6703U3		.BOLT- (OPT ITEM 85B)	AR,AS	34
90	AN960C10L		.WASHER	A-AF, AH-AS	34
95	BRH10C3		DELETED		
96	BACT11TD1F		.TAPE-DRAIN	AD,AE ,AH,A K,AM, AP	3
97	351N1101-13		.TUBE ASSY	AD,AE ,AH,A K,AM, AP	1
97C	351N1101-14		.TUBE ASSY	AD,AE ,AH,A K,AM, AP	1
97F	351N1101-17		.TUBE ASSY	AD,AE ,AH,A K,AM, AP	1
-98	DB0S13BX06H		..SLEEVE- (V14798) (SPEC BACS13BX06H) (OPT 2-02903-06H (V11328)) (OPT 35235V06 (V08199)) (OPT AP2097-06H (V01673)) (OPT AFP175V06 (V30974)) (OPT AFP175V06 (V30974))	AD,AE ,AH,A K,AM, AP	2
-98C	MS21921-6S		..NUT	AD,AE ,AH,A K,AM, AP	2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-99	BACT11SD2F		..TAPE-DRAIN	AD,AE ,AH,A K,AM, AP	1
100	356T0200-1		.DRAIN ASSY	A-AC, AF,AJ ,AL,A N	1
100J	356T0200-2		.DRAIN ASSY-(VARIABLE)	AD,AE ,AH,A K,AM, AP-AR	1
105	NAS6703U2		.BOLT	A-AF, AH-AR	3
110	AN960XC10L		.WASHER	A-AF, AH-AR	3
			-----*		
115	356T0203-1		..SUPPORT ASSY	A-AF, AH-AR	1
			ATTACHING PARTS		
120	NAS6703-22		..BOLT	A-AF, AH-AR	2
125	AN960XC10L		..WASHER	A-AF, AH-AR	2
			-----*		
130	356T0203-2		...SUPPORT HALF-(MATCHED SET)	A-AF, AH-AR	1
135	356T0203-3		...SUPPORT HALF-(MATCHED SET)	A-AF, AH-AR	1
140	356T0202-1		DELETED		
140A	356T0202-17		..TUBING ASSY	A-AF, AH-AR	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -140B	356T0202-26		..TUBING ASSY	A-AF, AH-AR	1
145 145A	356T0202-3 356T0202-20		DELETED ..TUBING ASSY	A-AC, AF,AJ ,AL,A N	1
-145B	356T0202-25		..TUBING ASSY	AD,AE ,AH,A K,AM, AP-AR	1
150 150A	356T0202-6 356T0202-18		DELETED ..TUBING ASSY	A-AC, AF,AJ ,AL,A N	1
-150B	356T0202-24		..TUBING ASSY	AD,AE ,AH,A K,AM, AP-AR	1
-151	DB0S13BX06HP		...SLEEVE- (V14798) (SPEC BACS13BX06HP) (OPT 2-02903-06HP (V11328)) (OPT 35235VN06 (V08199)) (OPT AP2097-06HP (V01673)) (OPT AFP175V06P (V30974)) (OPT AFP175V06P (V30974))	A-AF, AH-AR	1
-151C	MS21921-6J		...NUT	A-AF, AH-AR	1
152 153	BACT11SW7F BACT11TD1F		DELETED ...TAPE-DRAIN (USED ON ITEMS 140A, 140B, 145A, 145B)	A-AF, AH-AR	1
154	BACT11XD1F		DELETED		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-154A	BACT11SV1F		...TAPE-VENT (USED ON ITEMS 150A, 150B)	A-AF, AH-AR	1
155	356T0202-9		DELETED		
155A	356T0202-19		..TUBING ASSY	A-AF, AH-AR	1
-156	DB0S13BX08HP		...SLEEVE- (V14798) (SPEC BACS13BX08HP) (OPT 2-02903-08HP (V11328)) (OPT 35235VN08 (V08199)) (OPT AP2097-08HP (V01673)) (OPT AFP175V08P (V30974)) (OPT AFP175V08P (V30974))	A-AF, AH-AR	1
-157	MS21921-8J		...NUT	A-AF, AH-AR	1
158	BACT11TD1F		...TAPE-DRAIN	A-AF, AH-AR	1
159	BACT11XD1F		DELETED		
160	356T0201-1		..BRACKET ASSY	A-AF, AH-AR	1
165	BRF100A3		...NUTPLATE- (V52828) (SPEC BACN10KB3F) (OPT F2000-3 (V15653)) (OPT RMF9207-3 (V72962)) (OPT T8114S1032S (V11815)) (OPT VN151A1-02 (V92215)) (OPT F2000-3 (V15653)) ATTACHING PARTS	A-AF, AH-AR	2
170	BACR15BA4		...RIVET- (SIZE DETERMINE ON INST) -----*	A-AF, AH-AR	4
175	356T0201-2		...BRACKET	A-AF, AH-AR	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
180	381326-1		DELETED		
-180A	S351T020-101		DELETED		
-180B	381324-1		DELETED		
180C	381326-3		DELETED		
180D	381326-2		.POWER UNIT-AUX (V99193) (SPEC S351T020-7)	A-D,F	1
-180E	381364-1		.POWER UNIT-AUX (V99193) (SPEC S351T020-103)	E	1
-180F	S351T020-9		DELETED		
-180G	S351T020-105		DELETED		
-180H	381364-1		.POWER UNIT-AUX (V99193) (SPEC S351T020-105)	K	1
-180J	381326-2		.POWER UNIT-AUX (V99193) (SPEC S351T020-9)	G-J,L	1
-180K	381364-1-1		.POWER UNIT-AUX (V99193) (SPEC S351T020-107)	M,S	1
-180L	381326-2-1		.POWER UNIT-AUX (V99193) (SPEC S351T020-11)	P-R,U	1

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 **BOEING**
COMPONENT
MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -180M	381364-1-2		.POWER UNIT-AUX (V99193) (SPEC S351T020-109) (OPT 381364-1-3 (V99193))	N,Y,Z	1
-180N	381364-2-2		.POWER UNIT-AUX (V99193) (SPEC S351T020-13)	W,X	1
-180P	381326-2-3		.POWER UNIT-AUX (V99193) (SPEC S351T020-15) (OPT 381326-2-4 (V99193))	T,AA	1
-180Q	3800298-1-1		.POWER UNIT-AUX (V99193) (SPEC S351T020-200)	AB,AE	1
-180R	3800298-1-2		.POWER UNIT-AUX (V99193) (SPEC S351T020-201)	AC,AD ,AH,A J	1
-180S	3800298-1-3		.POWER UNIT-AUX (V99193) (SPEC S351T020-202)	AF,AK	1
R -180T	3800298-1-4		.POWER UNIT-AUX (V99193) (S351T020-203 (3800298-1-4) AND S351T020-205 (3800298-1-6) ARE INTERCHANGEABLE WITH THE INCORPORATION OF S/B 767-49-0025) (SPEC S351T020-203)	AL,AM	1
-180U	S351T020-204		DELETED		
-180V	3800298-1-5		.POWER UNIT-AUX (V99193) (3800298-1-5 AND 3800298-1-6 ARE INTERCHANGEABLE WITH THE INCORPORATION OF S/B 767-49-0025) (SPEC S351T020-204)	AN,AP	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -180W	3800298-1-6		.POWER UNIT-AUX (V99193) (S351T020-203 (3800298-1-4) AND S351T020-205 (3800298-1-6) ARE INTERCHANGEABLE WITH THE INCORPORATION OF S/B 767-49-0025) (S351T020-204 (3800298-1-5) AND S351T020-205 (3800298-1-6) ARE INTERCHANGEABLE WITH THE INCORPORATION OF S/B 767-49-0025 (SPEC S351T020-205)	AQ-AS	1
-180X	381364-1-3		.POWER UNIT-AUX (V99193) (SPEC S351T020-109) (OPT 381364-1-2 (V99193))	N,Y,Z	1
-180Y	381326-2-4		.POWER UNIT-AUX (V99193) (SPEC S351T020-15) (OPT 381326-2-3 (V99193))	T,AA	1
200	OMP2505-13S		DELETED		
200A	OMP2505-13S		.CAP-(GSE) (VK0667)	F,L	1
205	OMP2506-13S		DELETED		
205A	OMP2506-13S		.CAP-(GSE) (VK0667)	F,L	1
210	OMP2505-2		DELETED		
210A	OMP2505-2		.FITTING-(GSE) (VK0667)	F,L	1
215	OMP2506-2		DELETED		
215A	OMP2506-2		.FITTING-(GSE) (VK0667)	F,L	1
220	MS28778-6		.PACKING-(GSE)	F	1
225	MS28778-8		.PACKING-(GSE)	F	1
230	BAC27TAP0006		DELETED		
230A	BAC27TAP0006		DELETED		
235	BAC27TAP0007		DELETED		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- 235A	BAC27TAP0007		.DECAL	B-D,F ,AB,A F,A H-AQ	1
235B	BAC27TAP0012		.DECAL	A,E	1
-235C	BAC27TAP0032		.DECAL	G-U	1
-235D	BAC27TAP0044		.DECAL	AR,AS	1
240	BAC27TAP0019		.DECAL-351T0300-	A-S, U-Z	1
245	BAC27TAP0013		.DECAL-13	A	1
-245A	BAC27TAP0014		.DECAL-14	B	1
-245B	BAC27TAP0015		.DECAL-15	C	1
-245C	BAC27TAP0016		.DECAL-16	D	1
-245D	BAC27TAP0017		.DECAL-17	E	1
-245E	BAC27TAP0018		.DECAL-18	F	1
-245F	BAC27TAP0020		.DECAL-19	G	1
-245G	BAC27TAP0021		.DECAL-20	H	1
-245H	BAC27TAP0022		.DECAL-21	J	1
-245J	BAC27TAP0023		.DECAL-22	K	1
-245K	BAC27TAP0024		.DECAL-23	L	1
-245L	BAC27TAP0025		.DECAL-24	M	1
-245M	BAC27TAP0026		.DECAL-25	N	1
-245N	BAC27TAP0027		.DECAL-26	P	1
-245P	BAC27TAP0028		.DECAL-27	Q	1
-245Q	BAC27TAP0029		.DECAL-28	R	1
-245R	BAC27TAP0030		.DECAL-29	S	1
-245S	BAC27TAP0031		DELETED		
-245T	BAC27TAP0034		.DECAL-31	U	1
-245U	BAC27TAP0035		.DECAL-32	V	1
-245V	BAC27TAP0036		.DECAL-33	W	1
-245W	BAC27TAP0037		.DECAL-34	X	1
-245X	BAC27TAP0038		.DECAL-35	Y	1
-245Y	BAC27TAP0039		.DECAL-36	Z	1

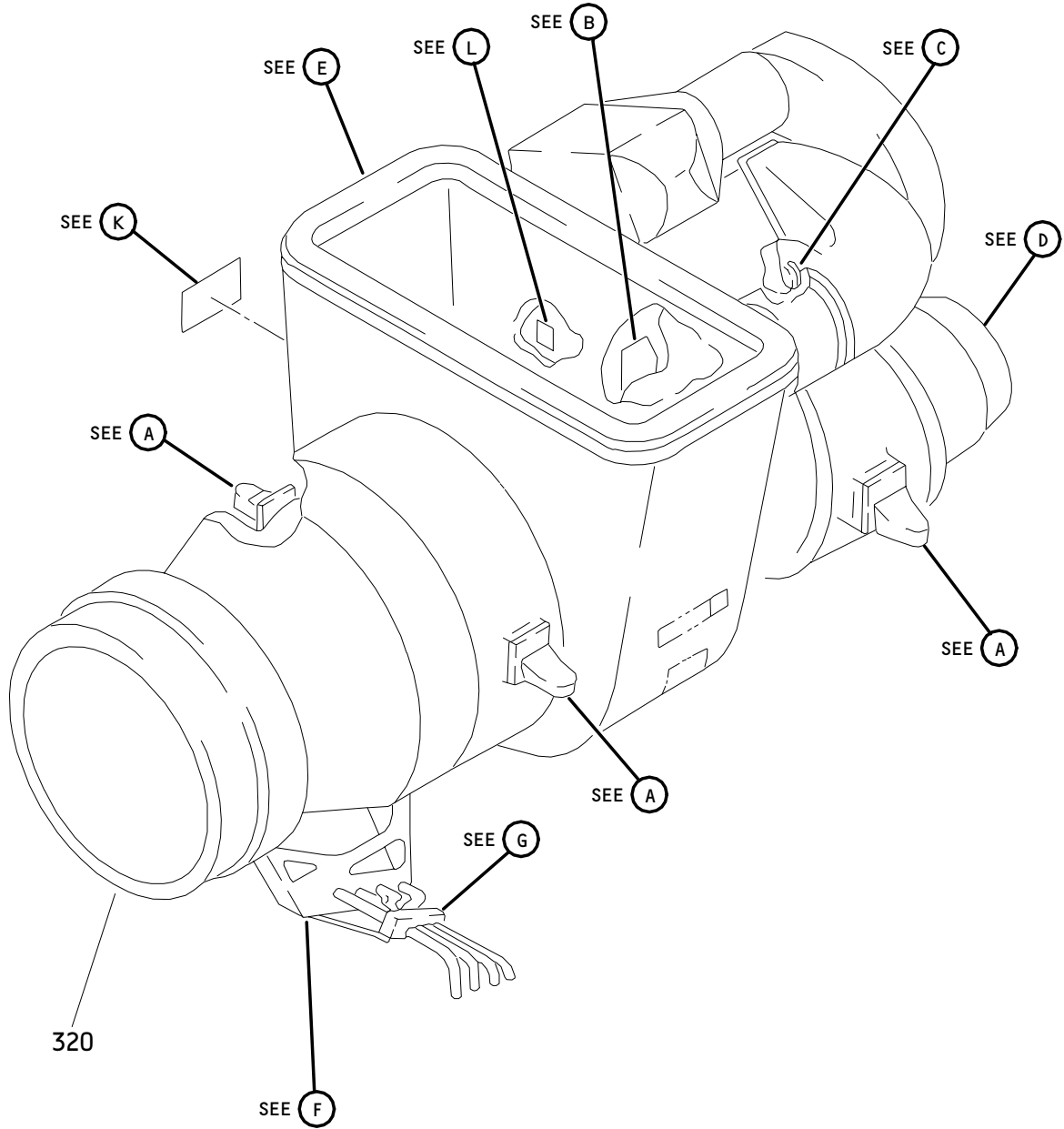
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
01-250	BAC27TAP0043		.MARKER	AC,AD,AF,AH-AS	1
255	BAC27TAP0044		DELETED		

- Item Not Illustrated

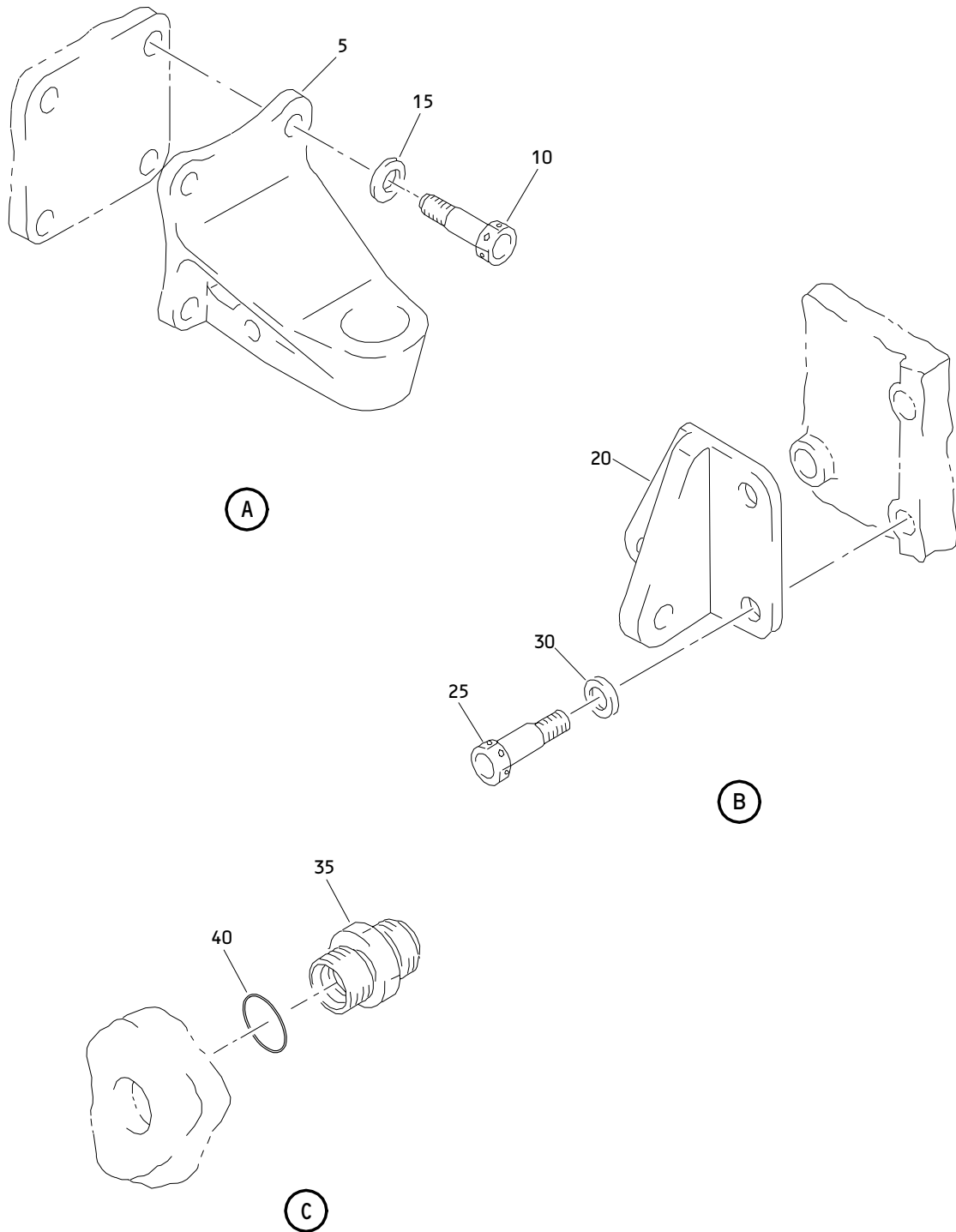
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Auxiliary Power Unit Assembly
Figure 2 (Sheet 1)

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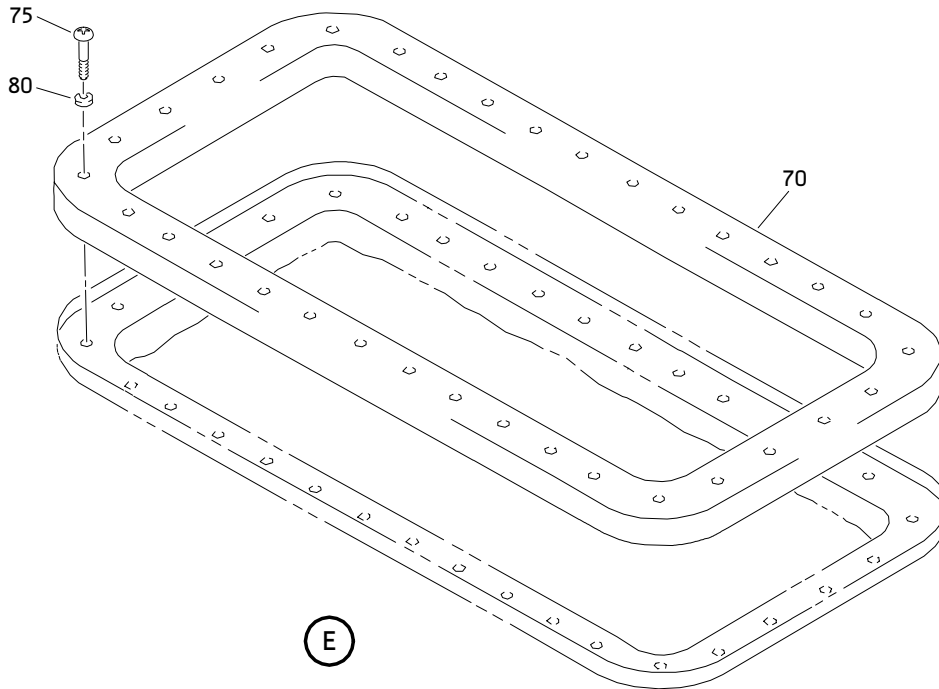
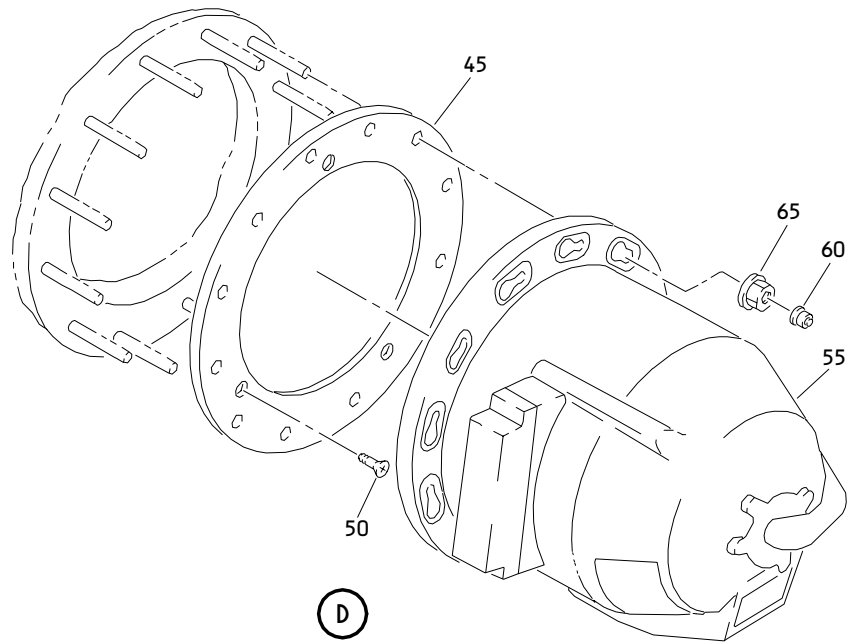
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Auxiliary Power Unit Assembly
Figure 2 (Sheet 2)

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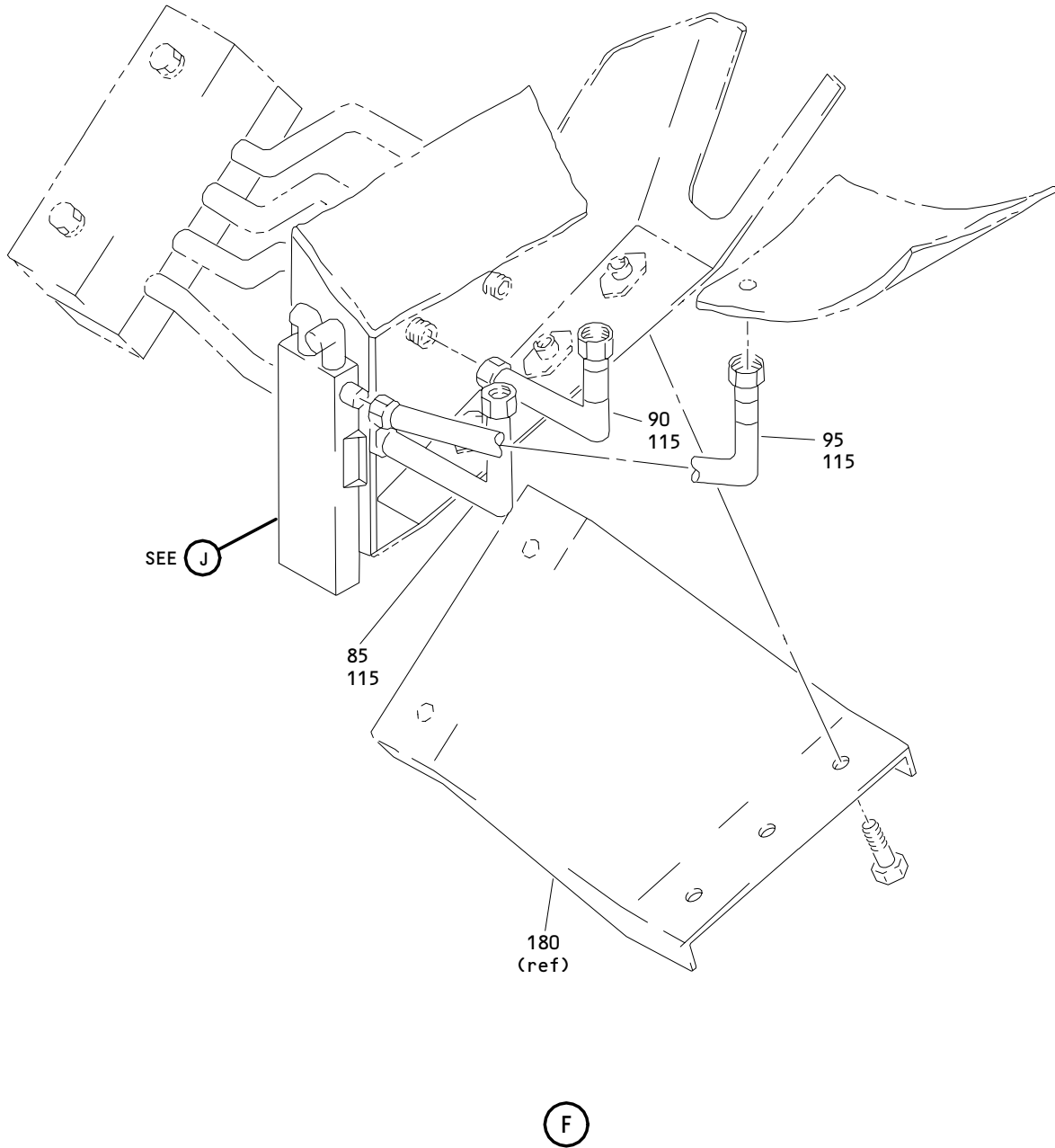
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Auxiliary Power Unit Assembly
Figure 2 (Sheet 3)

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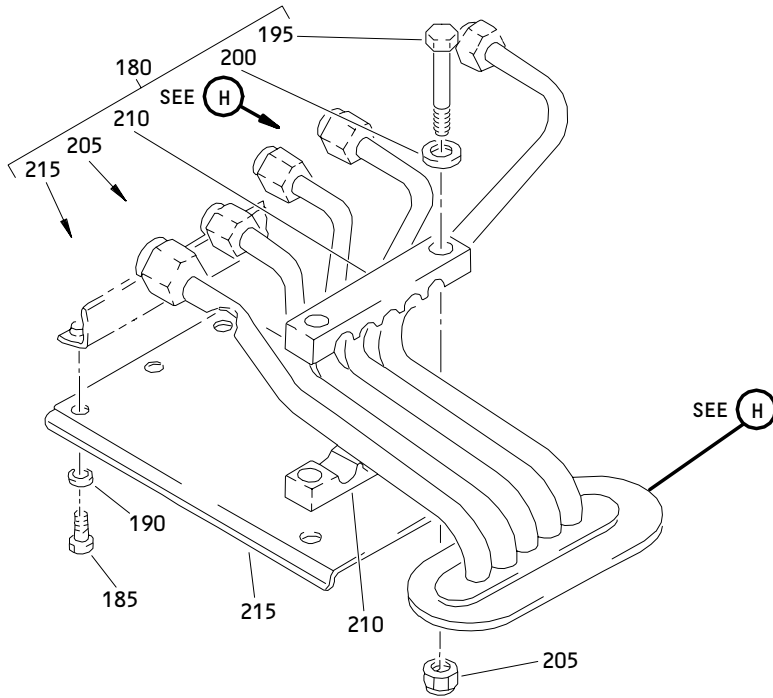
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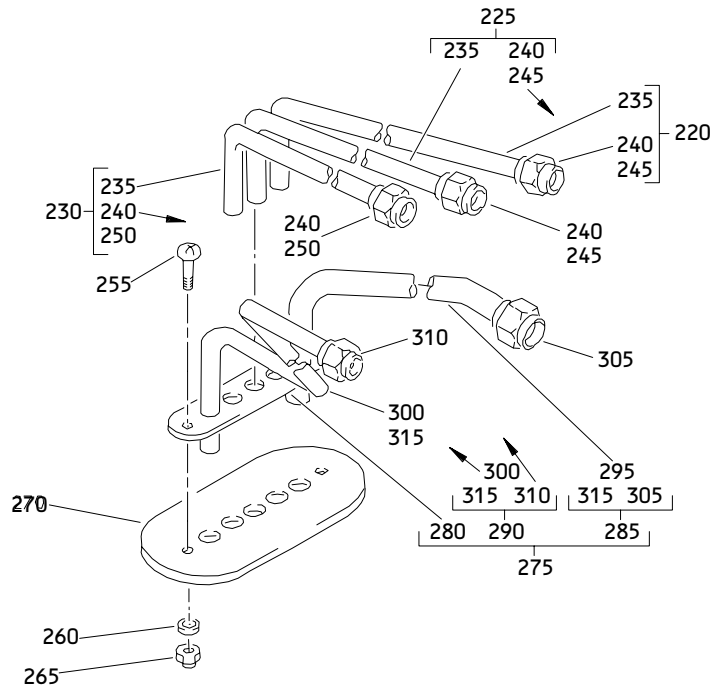
Auxiliary Power Unit Assembly
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(G)

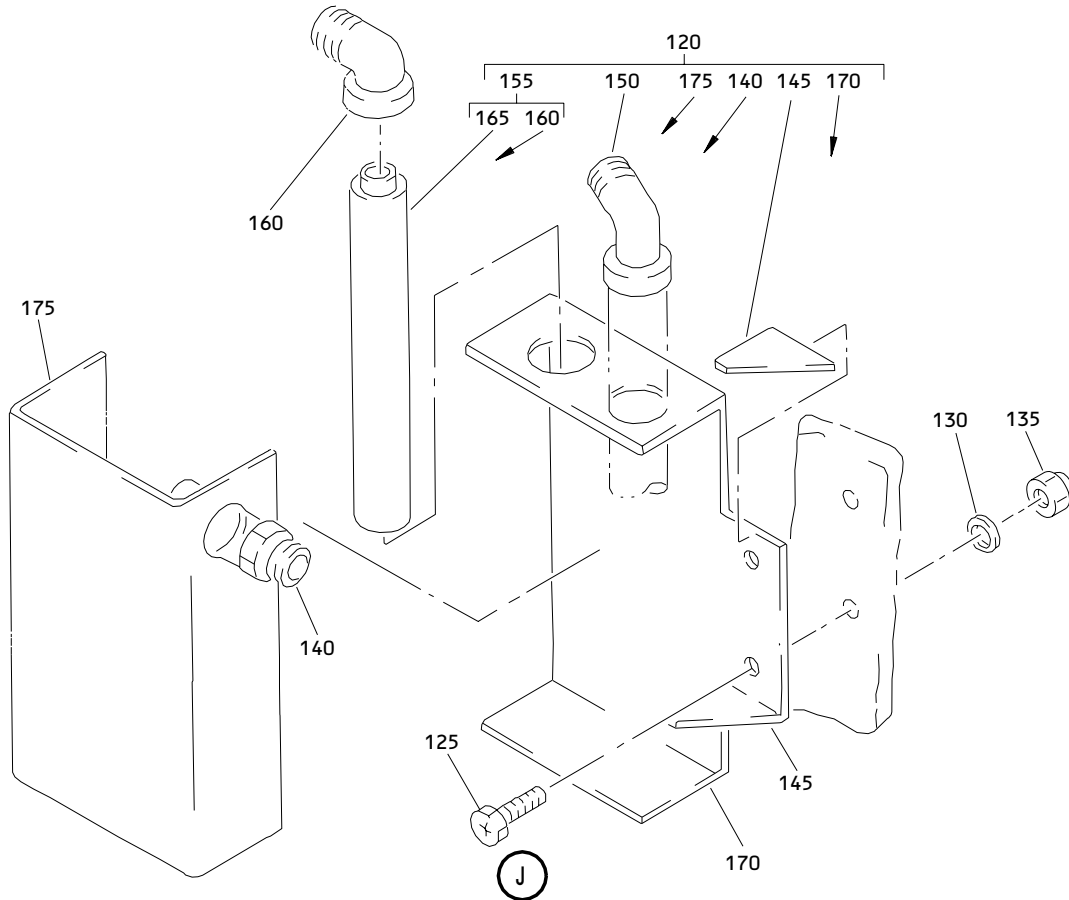


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Auxiliary Power Unit Assembly
Figure 2 (Sheet 5)

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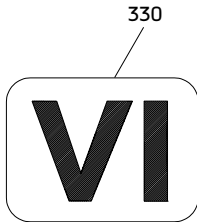
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CAUTION

IF APU HAS SHUT DOWN ON LOW OIL PRESSURE, DO NOT ADD OIL BEFORE PERFORMING THE FOLLOWING CHECK:

1. REMOVE GENERATOR OIL CHIP DETECTOR (R.H. SIDE APU BELOW GENERATOR GEARBOX PAD).
2. OVERRIDE CHIP DETECTOR CAVITY SEAL WITH A NON METALIC PROBE AND COMPLETELY DRAIN CAVITY.
3. IF LESS THAN ONE CUP OF OIL DRAINS OUT GENERATOR SCAVENGE PUMP IS O.K.
4. IF MORE THAN ONE QUART OF OIL DRAINS OUT GENERATOR SCAVENGE PUMP HAS FAILED. REPLACE PUMP BEFORE SERVICING AND RUNNING APU. (REFER TO MAINTENANCE MANUAL FOR PUMP REPLACEMENT).



(L)

(K)

Auxiliary Power Unit Assembly
 Figure 2 (Sheet 6)

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -1A	351T0300-57		POWER UNIT ASSY-AUX PWR SYS AUX (VARIABLE)	AG	RF
5	351T0301-1		.BRACKET ATTACHING PARTS	AG	3
10	NAS6706HU4		.BOLT	AG	12
15	BACW10BP6AC		.WASHER -----*	AG	12
20	351T0302-1		.PAD-LIFTING ATTACHING PARTS	AG	1
25	NAS6706HU4		.BOLT	AG	3
30	BACW10BP6AC		.WASHER -----*	AG	3
35	MS21902J8		.UNION	AG	1
40	M83248-1-908		.PACKING- (V81349)	AG	1
45	DA8980-6		.PLATE-SEAL (V95272) (SPEC S351T040-6) ATTACHING PARTS	AG	1
50	BACS12GM3-8		.SCREW -----*	AG	3
55	727810C		.GENERATOR- (V99167) (SPEC S281T001-37) ATTACHING PARTS	AG	1
60	BACN10GW4AS		.NUT	AG	12
65	NAS1805-6P		.NUT -----*	AG	12
70	BOE2036-0004		.SEAL-AIR INLET (V16632) (SPEC S351T030-1) ATTACHING PARTS	AG	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-75	BACB30LK3U2		.BOLT	AG	34
80	AN960C10L		.WASHER	AG	34
			-----*-----		
85	351N1101-13		.TUBE ASSY	AG	1
90	351N1101-14		.TUBE ASSY	AG	1
95	351N1101-6		.TUBE ASSY	AG	1
-100	DB0S13BX06H		..SLEEVE- (V14798) (SPEC BACS13BX06H) (OPT 2-02903-06H (V11328)) (OPT 35235V06 (V08199)) (OPT AP2097-06H (V01673)) (OPT AFP175V06 (V30974)) (OPT AP2097H06 (V01673))	AG	2
-105	MS21921-6S		..NUT	AG	2
-110	351N1101-10		..TUBE- (USED ON ITEM 95)	AG	1
115	BACT11SD2F		..TAPE-IDENT MARKER	AG	1
120	356N1003-1		.TANK ASSY-DRAIN ATTACHING PARTS	AG	1
125	NAS1801-3-8		.SCREW	AG	2
130	AN960C10L		.WASHER	AG	2
135	BACN10JC3CM		.NUT	AG	2
			-----*-----		
140	356N1005-5		..PLUG	AG	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
145	356N1004-3		..GUSSET	AG	2
150	356N1005-3		..ELBOW-90 DEG	AG	1
155	356N1005-1		..TUBE ASSY	AG	1
160	356N1005-3		...ELBOW-90 DEG	AG	1
165	356N1005-4		...TUBE	AG	1
170	356N1004-2		..PANEL	AG	1
175	356N1004-1		..PANEL	AG	1
180	356T0200-3		.DRAIN ASSY	AG	1
			ATTACHING PARTS		
185	NAS6703U2		.BOLT	AG	3
190	AN960XC10L		.WASHER	AG	3
			-----*		
195	NAS6603-14		..BOLT	AG	2
200	NAS1149C0316B		..WASHER	AG	2
205	BACN10JC3CM		..NUT	AG	2
210	356T0203-4		..SUPPORT HALF	AG	2
215	356T0201-4		..BRACKET	AG	1
220	356T0202-31		..TUBE ASSY	AG	1
225	356T0202-32		..TUBE ASSY	AG	1
230	356T0202-33		..TUBE ASSY	AG	1
235	DB0S13BX06HP		...SLEEVE-	AG	1
			(V14798)		
			(SPEC BACS13BX06HP)		
			(OPT 2-02903-06HP		
			(V11328))		
			(OPT 35235VN06		
			(V08199))		
			(OPT AP2097-06HP		
			(V01673))		
			(OPT AFP175V06P		
			(V30974))		
			(OPT AP2097HP06		
			(V01673))		
240	BACN10CS06SN		DELETED		
240A	BACN10YE6N		...NUT	AG	1
245	BACT11SV1F		...TAPE-IDENT VENT	AG	1
			(USED ON ITEMS 220)		
250	BACT11TD1F		...TAPE-IDENT FUEL	AG	1
			(USED ON ITEM 225, 230)		
255	BACB30LK3-4		..BOLT	AG	2
260	AN970-3		..WASHER	AG	2
265	BACN10JC3CM		..NUT	AG	2
270	356N1002-1		..SEAL	AG	1
275	356T0204-1		..TUBE ASSY	AG	1

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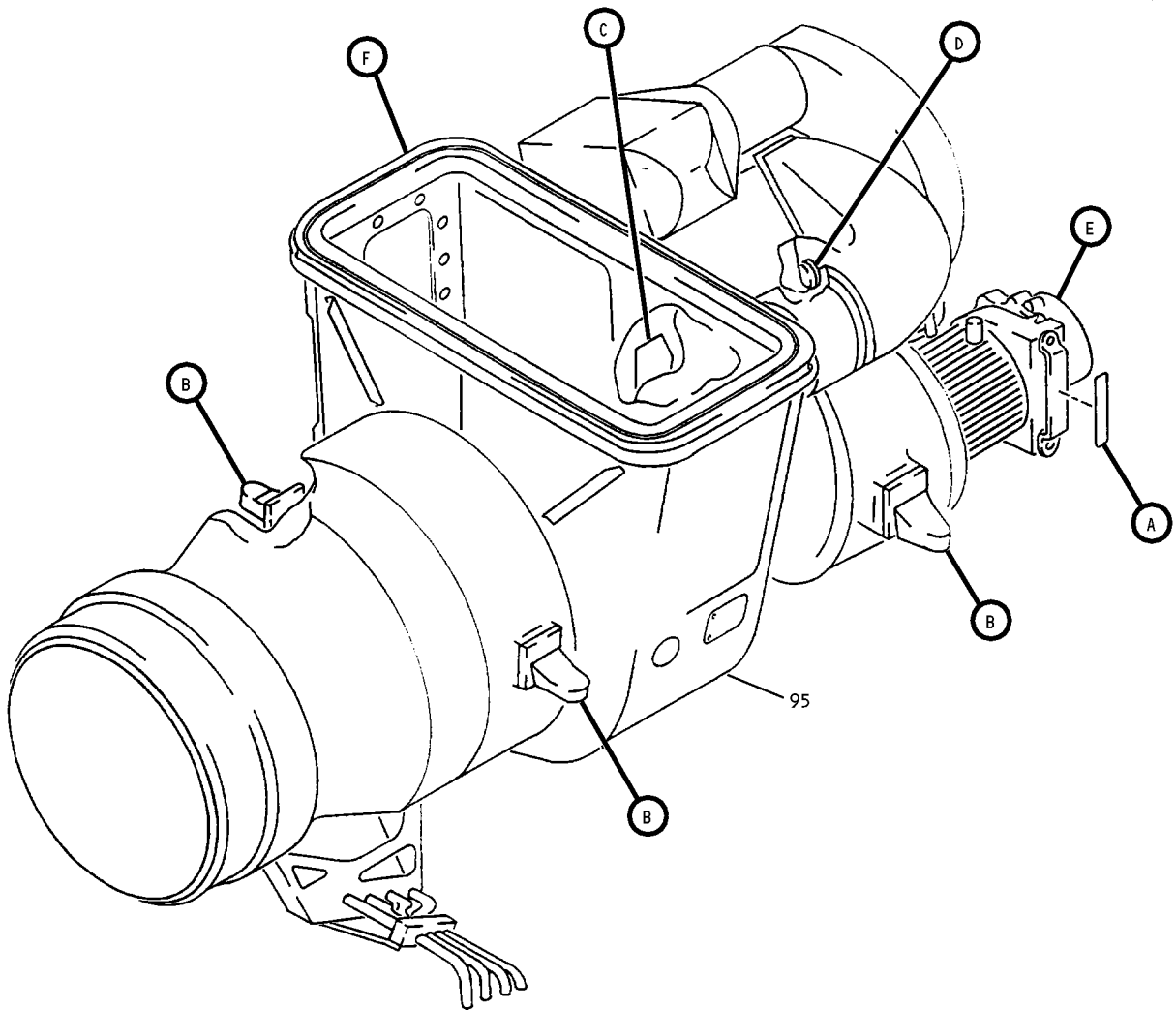
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
280	356N1006-1		...STIFFENER	AG	1
285	356T0202-30		...TUBE ASSY	AG	1
290	356T0202-34		...TUBE ASSY	AG	1
295	DB0S13BX08HP		....SLEEVE- (V14798) (SPEC BACS13BX08HP) (OPT 2-02903-08HP (V11328)) (OPT 35235VN08 (V08199)) (OPT AP2097-08HP (V01673)) (OPT AFP175V08P (V30974)) (OPT AP2097HP08 (V01673)) (USED ON ITEM 285)	AG	1
300	DB0S13BX06HP		....SLEEVE- (V14798) (SPEC BACS13BX06HP) (OPT 2-02903-06HP (V11328)) (OPT 35235VN06 (V08199)) (OPT AP2097-06HP (V01673)) (OPT AFP175V06P (V30974)) (OPT AP2097HP06 (V01673)) (USED ON ITEM 290)	AG	1
305	BACN10CS08SN		DELETED		
305A	BACN10YE8N		....NUT- (USED ON ITEM 285)	AG	1
310	BACN10CS06SN		DELETED		
310A	BACN10YE6N		....NUT- (USED ON ITEM 290)	AG	1
315	BACT11TD1F		....TAPE-IDENT FUEL	AG	1
320	3800298-1-5		.POWER UNIT-AUX (V99193) (SPEC S351T020-204)	AG	1
325	BAC27TAP0007		.DECAL	AG	1
330	BAC27TAP0043		.MARKER	AG	1

- Item Not Illustrated

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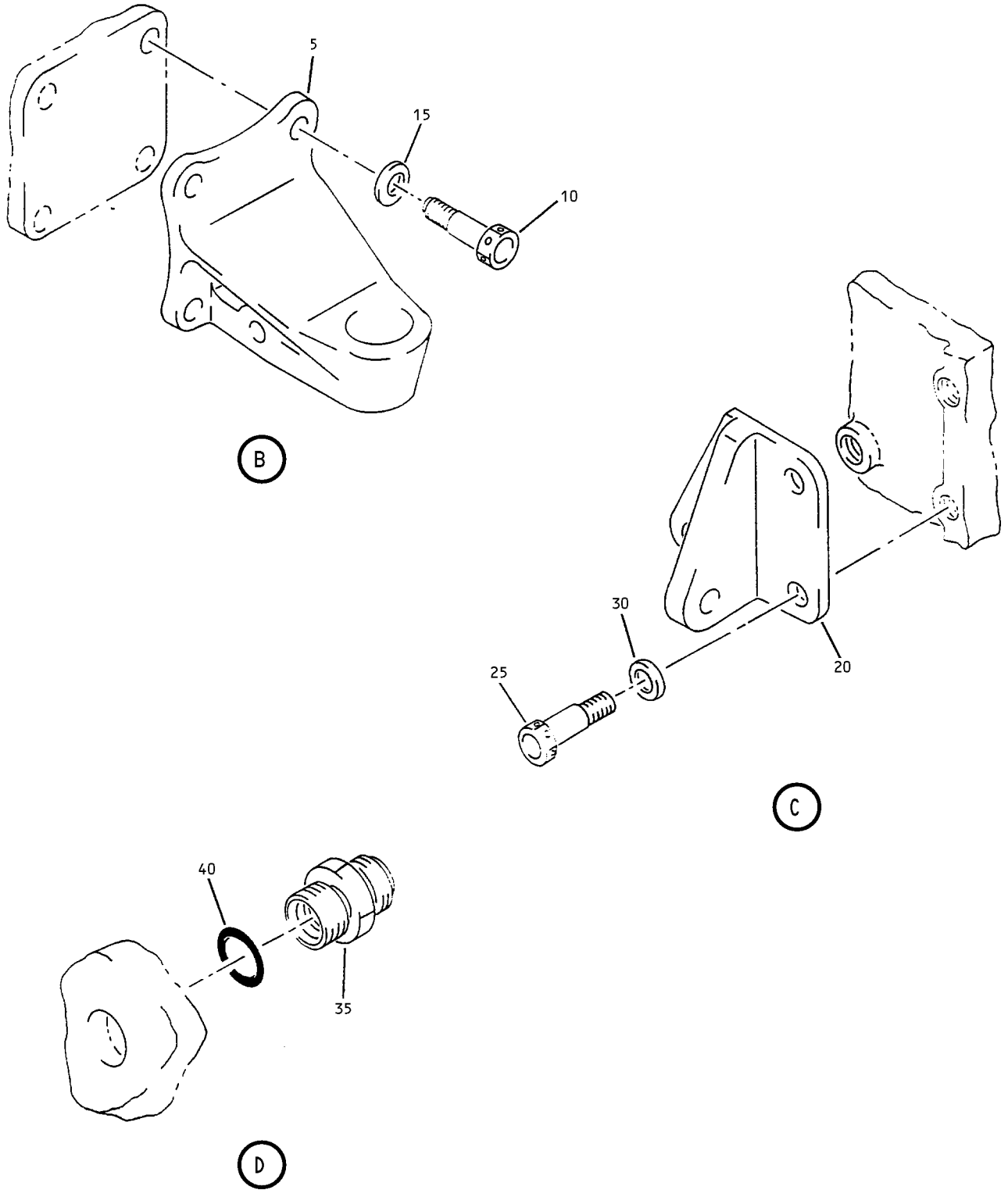
**DO NOT INSTALL WASHERS
BETWEEN THE POWER LEAD
TERMINAL & THE GENERATOR**

A

Auxiliary Power System Power Unit Assembly
Figure 3 (Sheet 1)

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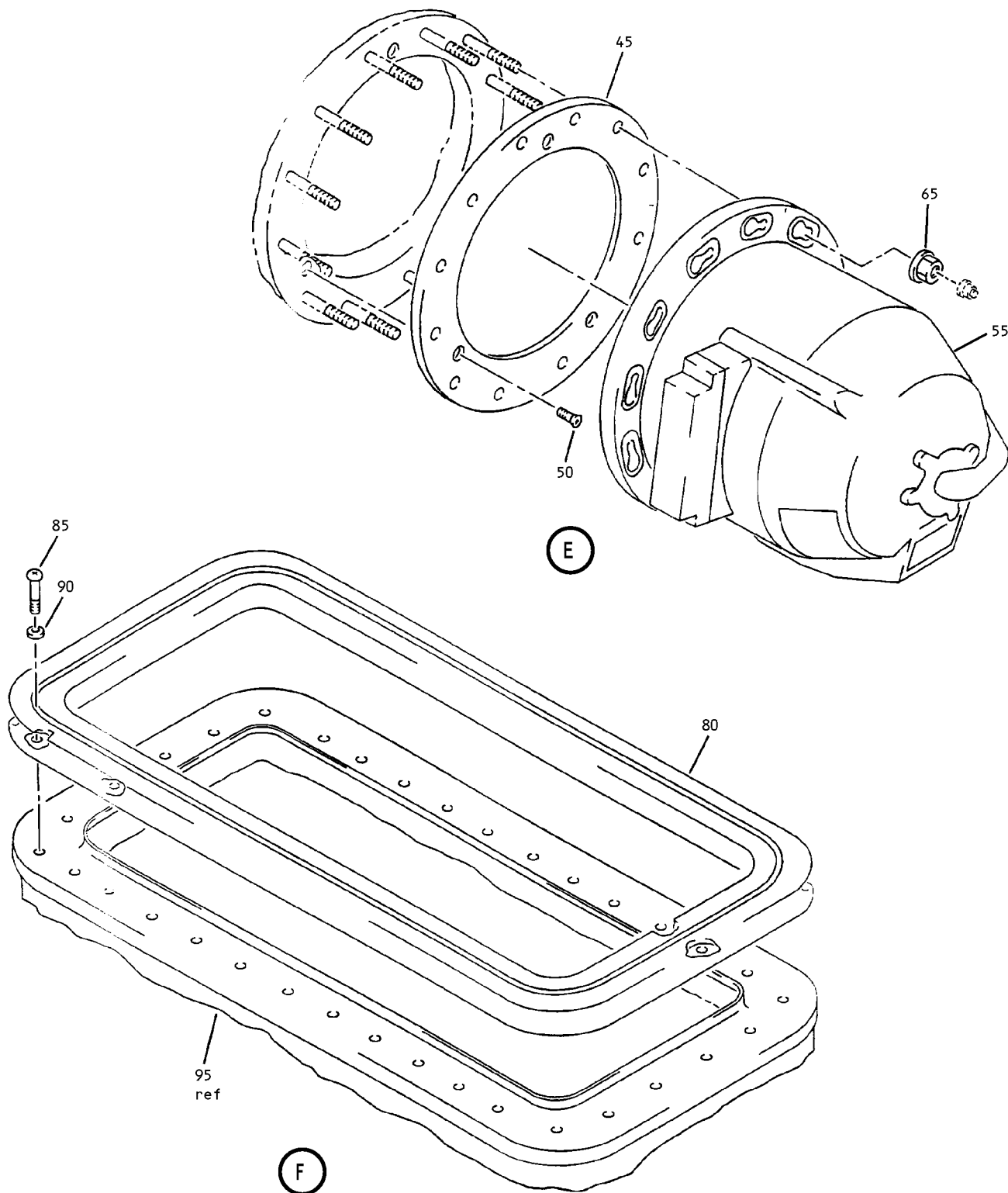
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Auxiliary Power System Power Unit Assembly
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Auxiliary Power System Power Unit Assembly
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
03-					
R -1A	351T0304-1		POWER UNIT ASSY-AUX PWR SYS	AT	RF
R -1B	351T0304-2		POWER UNIT INSTL-AUX PWR	AU	RF
	5		.BRACKET ATTACHING PARTS	AT,AU	3
	10	NAS6706HU4	.BOLT	AT	12
R -10A	BACB30LM6HU4		.BOLT	AU	12
	15	BACW10BP6AC	.WASHER -----*	AT,AU	12
	20	351T0302-1	.PAD-LIFTING ATTACHING PARTS	AT,AU	1
	25	NAS6706HU4	DELETED		
R 25A	NAS6706HU3		.BOLT	AT	3
R -25B	BACB30LM6HU3		.BOLT	AU	3
	30	BACW10BP6AC	.WASHER -----*	AT,AU	3
	35	MS21902J8	.UNION	AT,AU	1
	40	MS29512-08	.PACKING- (OPT ITEM 40A)	AT,AU	1
R -40A	M83248-1-908		.PACKING- (OPT ITEM 40)	AT,AU	1
	45	DA8980-6	.PLATE-SEAL (V95272) (SPEC S351T040-6) (OPT ITEM 45A)	AT	1
R -45A	DA8980-8		.PLATE-SEAL (V95272) (OPT ITEM 45)	AT	1
R -45B	DA8980-6		.PLATE-SEAL (V95272) (SPEC S351T040-6) ATTACHING PARTS	AU	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
03-50	NAS514P1032-8		.SCREW- (OPT ITEM 50A)	AT,AU	3
R -50A	BACS12GM3-8		.SCREW- (OPT ITEM 50) -----*	AT,AU	3
55	756589A		.GENERATOR ASSY- (V99167) (SPEC S281W101-7) ATTACHING PARTS	AT,AU	1
65	NAS1805-6P		.NUT -----*	AT,AU	12
80	BOE2036-0004		.SEAL-AIR INLET (V16632) (SPEC S351T030-1) ATTACHING PARTS	AT,AU	1
85	BACB30LK3U3		.BOLT	AT,AU	34
90	NAS1149C0332R		.WASHER -----*	AT,AU	34
95	3800608-1		.POWER UNIT-AUX (V99193) (OPT ITEM 95A)	AT,AU	1
R -95A	3800608-2		.POWER UNIT-AUX (V99193) (SPEC S351T200-2) (OPT ITEM 95)	AT,AU	1
100	BAC27NAP0018		.DECAL-DO NOT INSTALL WASHERS BETWEEN THE POWER LEAD TERMINAL AND THE GENERATOR	AT	1

- Item Not Illustrated

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