

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

TO: ALL HOLDERS OF AUXILIARY POWER SYSTEM INTAKE PORT AND DOOR ASSEMBLY
COMPONENT MAINTENANCE MANUAL 49-15-12

REVISION NO. 4 DATED NOV 01/99

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

TITLE PAGE

Incorporated latest engineering change that added

1

353T0100-9, -11 thru -15, and -19 port and door top assemblies.

TR & SB RECORD

1

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REPAIR-GEN

601

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AUXILIARY POWER SYSTEM INTAKE
PORT AND DOOR ASSEMBLY

PART NUMBERS 353T0100-3,-4,-6,-9,
-11 THRU -15,-19

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.

REVISION NUMBER	REVISION DATE	DATE FILED	BY	REVISION NUMBER	REVISION DATE	DATE FILED	BY


BOEING
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TEMPORARY REVISION AND SERVICE BULLETIN RECORD

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVE	DATE OF INCORPORATION INTO MANUAL
		PRR B10694 PRR B10954 PRR B11571 PRR B11872 PRR B11571-1	APR 10/86 OCT 01/87 JAN 01/89 NOV 01/99 NOV 01/99

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*1014	NOV 01/99	01.1	*1053	NOV 01/99	01.1
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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:

Assembly: Feb. 17, 1983

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INTRODUCTION

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AUXILIARY POWER SYSTEM INTAKE PORT AND DOOR ASSEMBLY

DESCRIPTION AND OPERATION

1. Description and Operation

A. The auxiliary power system intake port and door assembly consists of a hinged door and honeycomb-core port assembly. The door is controlled by an actuator rod assembly located beneath the port and attached to a hinged fitting assembly in the middle of the door.

2. Leading Particulars (Approximate)

Length -- 20 inches

Width -- 20 inches

Height -- 22 inches

Weight -- 43 pounds

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DESCRIPTION & OPERATION

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DISASSEMBLY

1. Use standard industry practices for disassembly of this component, and the additional procedures in following steps:
- |2. Note thickness of shim (705, 706, IPL Fig. 1) for reference during assembly.
- |3. Note thickness and number of shims (588A, 589) for reference during assembly.

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CLEANING

CAUTION: DO NOT VAPOR DEGREASE GRAPHITE/ARAMID EPOXY STRUCTURES WITH CHLORINATED CLEANING AGENTS SUCH AS METHYLENE CHLORIDE, TRICHLOROETHYLENE, AND TRICHLOROETHANE. CHLORINATED CLEANING AGENTS WILL CAUSE DAMAGE TO GRAPHITE/ARAMID EPOXY STRUCTURES.

1,1,1 - TRICHLOROETHANE IS ONE OF THE SOLVENTS ALLOWED FOR CLEANING COMPOSITE COMPONENTS. DO NOT SUBMERGE PARTS IN THE SOLVENT OR ALLOW STANDING SOLVENT ON THE PARTS OR DAMAGE MAY OCCUR. USE 1,1,1, - TRICHLOROETHANE ONLY AS A WIPE SOLVENT.

1. Clean all parts in accordance with standard industry practices (Ref 20-30-03) except for graphite/aramid epoxy structures.
2. Clean bearings per Cleaning and Relubricating Antifriction Bearings (Ref 20-30-01).

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CHECK

1. Check all parts for obvious defects in accordance with standard industry practices.
2. Magnetic particle check per 20-20-01 -- Nut (70, IPL Fig. 1), fitting (170, 416B).
3. Penetrant check per 20-20-02 -- Container (115), leading edge (285), fillers (290, 295), fittings (309, 325, 365, 600, 615, 630, 645), flange (775).
4. Check graphite/aramid honeycomb epoxy bonded panels for evidence of delamination, internal water, scratches, and contour defects.
 - A. Examine for delamination ultrasonically.
 - B. Examine areas suspected of containing water radiographically to determine extent of damage.
 - C. Examine edges of panel carefully for cuts and abrasions. Delamination starts very easily from damage to an edge member of honeycomb panel.
5. Refer to 767 Structural Repair Manual, 51-70-03, for allowable damage data.
6. Refer to Fits and Clearances for service wear limits.

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CHECK

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REPAIR – GENERAL1. Content

- A. Repair, refinish and replacement procedures are included in separate repair sections as follows:

<u>P/N</u>	<u>NAME</u>	<u>REPAIR</u>
353T0103	FITTING ASSEMBLY	1-1
353T0101	FITTING ASSEMBLY	2-1
353T0102-1	FITTING ASSEMBLY	3-1
353T0104	FITTING ASSEMBLY	4-1
353T0106	PORT ASSEMBLY	5-1
- -	MISCELLANEOUS PARTS	6-1
353T0102-6	FITTING ASSEMBLY	7-1

2. Standard Practices

- A. Refer to the following standard practices overhaul manuals, as applicable, for details of procedures in individual repairs.

20-30-02 Stripping of Protective Finishes
 20-30-03 General Cleaning Procedures
 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
 20-50-03 Bearing Installation and Retention
 20-50-11 Application of Aerodynamic Smoothing Sealant

3. Materials

NOTE: Equivalent substitutes may be used.

- A. Conditioner, Static -- Dexter 28-C-1 (Ref 20-60-02)
- B. Enamel -- BMS 10-60, BAC707 gray gloss (Ref 20-60-02)
 -- BMS 10-11, type 2, BAC702 white gloss (Ref 20-60-02)
- C. Primer -- BMS 10-11, type 1 (Ref 20-60-02)
 -- BMS 10-79, type 2 (Ref 20-60-02)
 -- BMS 10-79, type 3 (Ref 20-60-02)

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- D. Sealant -- BMS 5-95, class B (Ref 20-60-04)
- E. Surfacer -- Dexter 8-W-5 (Ref 20-60-02)

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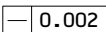
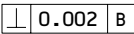
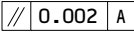
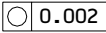
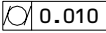
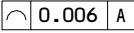
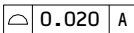
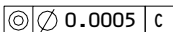
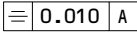
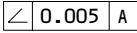
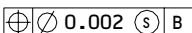
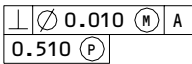


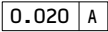
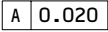
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COMPONENT MAINTENANCE MANUAL

- STRAIGHTNESS
- ▭ FLATNESS
- ⊥ PERPENDICULARITY (OR SQUARENESS)
- // PARALLELISM
- ROUNDNESS
- ⊘ CYLINDRICITY
- ⌒ PROFILE OF A LINE
- △ PROFILE OF A SURFACE
- ◎ CONCENTRICITY
- ≡ SYMMETRY
- ∠ ANGULARITY
- ↗ RUNOUT
- ↗ TOTAL RUNOUT
- ⊔ COUNTERBORE OR SPOTFACE
- ∇ COUNTERSINK

- ⊕ THEORETICAL EXACT POSITION OF A FEATURE (TRUE POSITION)
- ∅ DIAMETER
- S ∅ SPHERICAL DIAMETER
- R RADIUS
- SR SPHERICAL RADIUS
- () REFERENCE
- BASIC (BSC) OR DIM A THEORETICALLY EXACT DIMENSION USED TO DESCRIBE SIZE, SHAPE OR LOCATION OF A FEATURE FROM WHICH PERMISSIBLE VARIATIONS ARE ESTABLISHED BY TOLERANCES ON OTHER DIMENSIONS OR NOTES.
- A- DATUM
- Ⓜ MAXIMUM MATERIAL CONDITION (MMC)
- Ⓛ LEAST MATERIAL CONDITION (LMC)
- Ⓢ REGARDLESS OF FEATURE SIZE (RFS)
- Ⓟ PROJECTED TOLERANCE ZONE
- FIM FULL INDICATOR MOVEMENT

EXAMPLES

<p> STRAIGHT WITHIN 0.002</p> <p> PERPENDICULAR TO B WITHIN 0.002</p> <p> PARALLEL TO A WITHIN 0.002</p> <p> ROUND WITHIN 0.002</p> <p> CYLINDRICAL SURFACE MUST LIE BETWEEN TWO CONCENTRIC CYLINDERS, ONE OF WHICH HAS A RADIUS 0.010 INCH GREATER THAN THE OTHER</p> <p> EACH LINE ELEMENT OF THE SURFACE AT ANY CROSS SECTION MUST LIE BETWEEN TWO PROFILE BOUNDARIES 0.006 INCH APART RELATIVE TO DATUM PLANE A</p> <p> SURFACES MUST LIE WITHIN PARALLEL BOUNDARIES 0.02 INCH APART AND EQUALLY DISPOSED ABOUT TRUE PROFILE</p>	<p> CONCENTRIC TO C WITHIN 0.0005 DIAMETER</p> <p> SYMMETRICAL WITH A WITHIN 0.010</p> <p> ANGULAR TOLERANCE 0.005 WITH A</p> <p> LOCATED AT TRUE POSITION WITHIN 0.002 DIA RELATIVE TO DATUM B, REGARDLESS OF FEATURE SIZE</p> <p> AXIS IS TOTALLY WITHIN A CYLINDER OF 0.010-INCH DIAMETER, PERPENDICULAR TO, AND EXTENDING 0.510-INCH ABOVE, DATUM A, MAXIMUM MATERIAL CONDITION</p> <p> THEORETICALLY EXACT DIMENSION IS 2.000</p> <p style="text-align: center;">OR</p> <p> BSC</p> <p> </p>
<p>NOTE: DATUM MAY APPEAR AT EITHER SIDE OF TOLERANCE FRAME</p>	

True Position Dimensioning Symbols
Figure 601

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REPAIR-GENERAL

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FITTING ASSEMBLY - REPAIR 1-1

353T0103-3

NOTE: Refer to REPAIR-GENERAL for list of applicable standard practices.

1. Bushings (165) Replacement (IPL Fig. 1)

- A. Remove bushings.
- B. Check hole for damage or corrosion and repair if necessary per 2..
- C. Install bushings per 20-50-03.

2. Repair

- A. Repair hole for bushings (165, IPL Fig. 1).
 - (1) Machine fitting (170, IPL Fig. 1), as required to remove discrepancies, per Fig. 601.
 - (2) Magnetic particle check per 20-20-01.
 - (3) Refinish per 3.A..
 - (4) Fabricate oversize bushings per Fig. 601.

3. Refinish

- A. Fitting (170) -- Passivate (F-17.09). Material: 15-5PH CRES, 180-200 ksi.

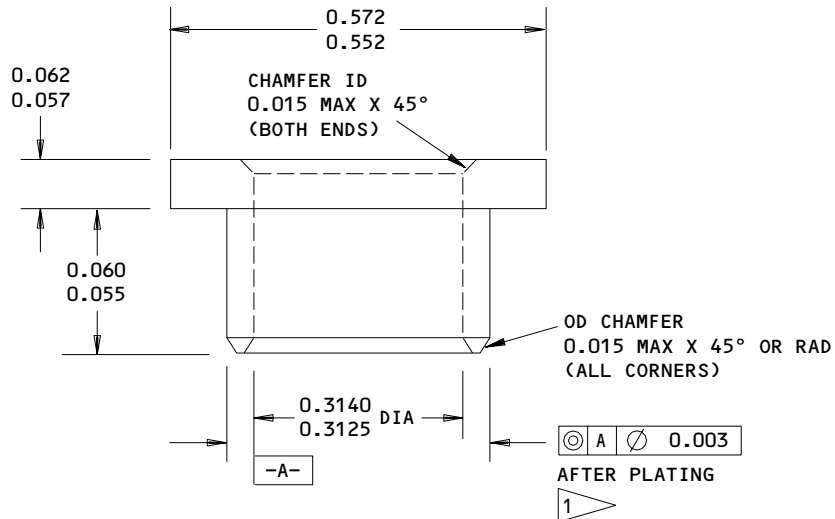
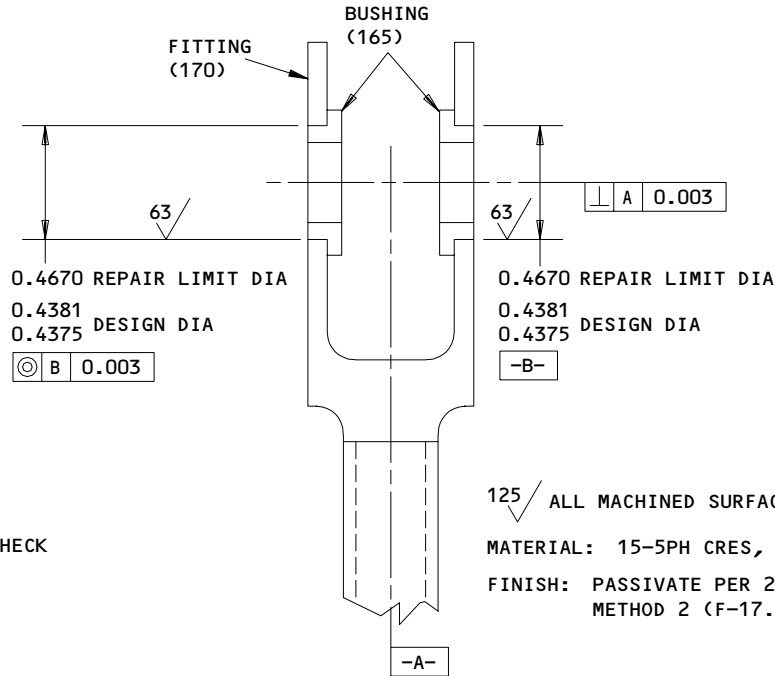
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REPLACEMENT BUSHING FOR BUSHING (165)

 DECIMAL TOLERANCE: ± 0.010

1 FINISH DIA (REPAIR DIA OF FITTING PLUS
0.0000-0.0011 INTERFERENCE)

63 ALL MACHINED SURFACES

MATERIAL: 17-4PH CRES, HT TR 180-200 KSI

FINISH: PASSIVATE

ALL DIMENSIONS ARE IN INCHES

353T0103-3
Fitting Assembly Repair
Figure 601

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FITTING ASSEMBLY - REPAIR 2-1

353T0101-1, -2, -3, -4, -17, -19

NOTE: Refer to REPAIR-GENERAL for list of applicable standard practices.

1. Bushing (595, 610, 625, 640, 647) Replacement (IPL Fig. 1)

A. Remove bushings.

B. Install bushings per 20-50-03 using wet BMS 5-95, class B sealant.

2. Refinish

A. Fittings (600, 615, 630, 645, 648) -- Chromic acid anodize, type 1, and apply a layer of BMS 10-11, type 1 primer (F-18.13). Apply BMS 10-60, BAC707 gray gloss enamel (SRF-14.9813). Do not put primer and enamel in bushing holes. Material: Aluminum alloy.

B. Fitting (648) -- Boric acid-sulfuric acid anodize (F-17.31). Apply BMS 10-79, type 3 primer (F-19.39). Apply BMS 10-60, BAC 707 gray gloss enamel (SRF-14.9813). Do not put primer and enamel in bushing holes. Material: Aluminum alloy.

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FITTING ASSEMBLY – REPAIR 3-1

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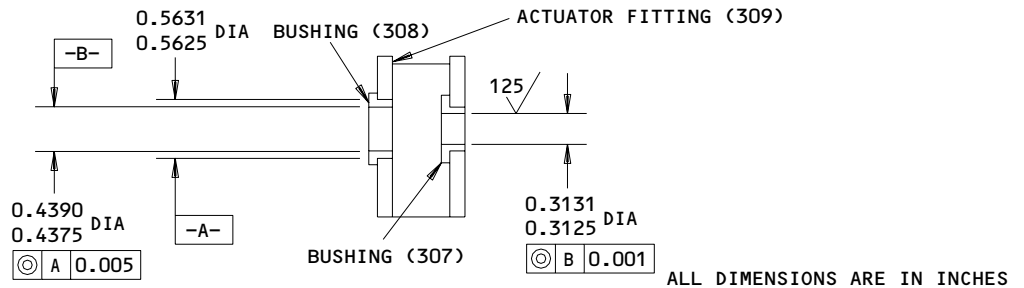
NOTE: Refer to REPAIR-GENERAL for list of applicable standard practices.

1. Bushing (307, 308) Replacement (IPL Fig. 1)

- A. Remove bushings.
- B. Install bushings per 20-50-03 using wet BMS 5-95, class B sealant.
- C. Machine bushing as shown in Fig. 601.
- D. Fillet seal entire periphery of bushing flanges using BMS 5-95, class B sealant.

2. Refinish

- A. Fitting (309) -- Chromic acid anodize, type 1, and apply one coat BMS 10-11, type 1 primer (F-18.13) omitting primer in bushing holes. Apply BMS 10-60 BAC707 gray gloss enamel (SRF-14.9813) omitting enamel in bushing holes but topcoating fillet seal around bushings. Material: Aluminum alloy.



353T0102-1
 Bushing Installation
 Figure 601

FITTING ASSEMBLY - REPAIR 4-1

353T0104-1, -2, -11, -13, -15

NOTE: Refer to REPAIR-GENERAL for list of applicable standard practices.

1. Bearing (320A, 360A, 415A) Replacement (IPL Fig. 1)

A. Remove bearing.

B. Install bearing and roller swage as shown in 20-50-03.

2. Refinish

A. Fitting (325, 365, 416, 416A) -- Chromic acid anodize, type 1, and apply a layer of BMS 10-11, type 1 primer (F-18.13). Do not put primer in bearing holes. Apply BMS 10-60 BAC707 gray gloss enamel (SRF-14.9813). Do not put enamel in bushing holes. Material: Aluminum alloy.

B. Fitting (416B) -- Passivate (F-17.25). Material: 15-5PH CRES

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REPAIR 4-1

01.1

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PORT ASSEMBLY – REPAIR 5-1

353T0106-1, -3, -5, -7, -8, -9, -11, -12

NOTE: Refer to REPAIR – GENERAL for list of applicable standard practices.

1. Bushing Repair (595, 610, 625, 640, IPL Fig. 1)

- A. Attach four fitting assemblies (590, 605, 620, 635) to fairing (580).
See Assembly 2.D.(4).
- B. Machine bores of bushings as shown in Fig. 601.
- C. Fillet seal around flanges of bushings with BMS 5-95 sealant.
- D. Topcoat fillet seal with BMS 10-60, BAC 707 gray gloss enamel (SRF-14.9813).

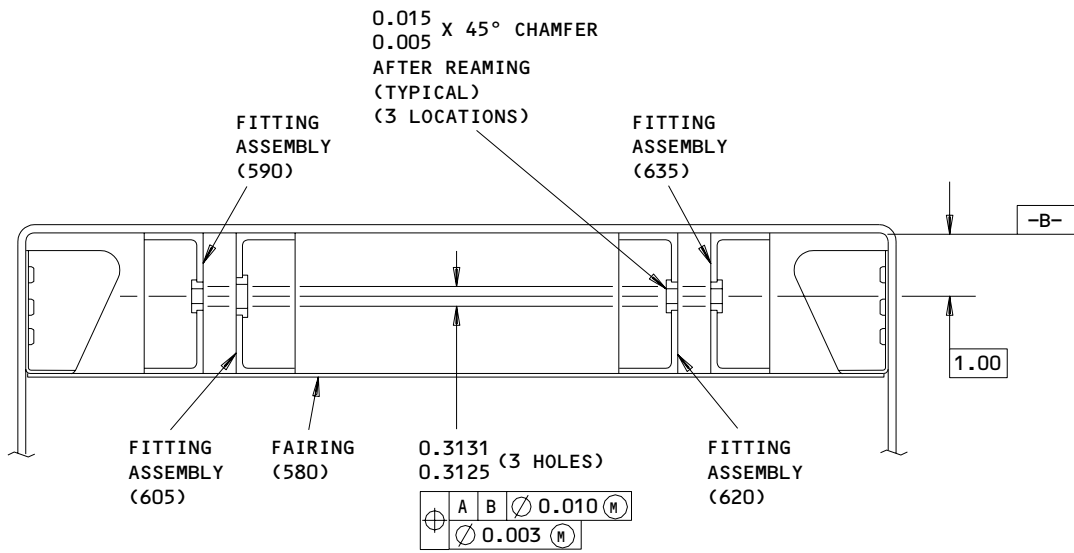
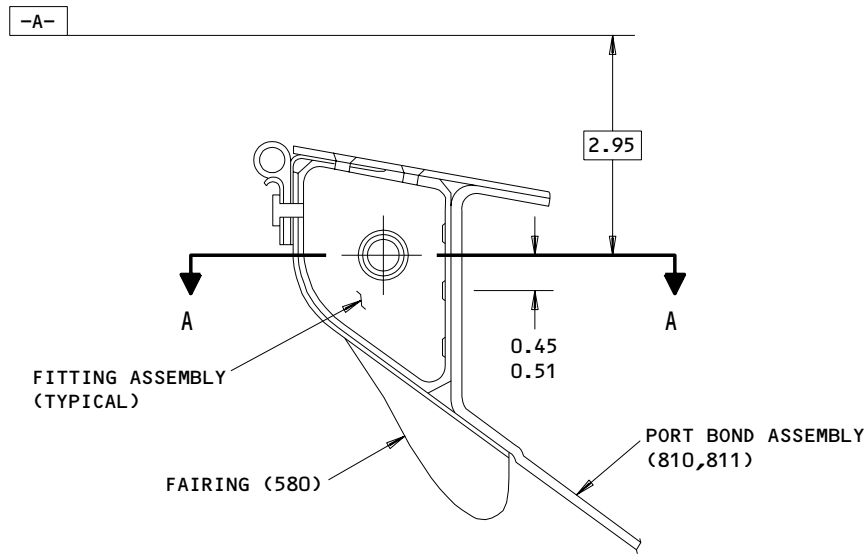
49-15-12

REPAIR 5-1

01.1

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(VIEW ROTATED 90° CCW)

A-A

ALL DIMENSIONS ARE IN INCHES

Bushing Machining
 Figure 601

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REPAIR 5-1

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BOEING
 COMPONENT
 MAINTENANCE MANUAL
MISCELLANEOUS PARTS - REPAIR 6-1

1. Repair of parts listed in Fig. 601 consists of restoration of the original finish.

IPL FIG. & ITEM	MATERIAL	FINISH
<u>Fig. 1</u>		
Nut (70)	15-5 PH CRES 180-200 ksi	Passivate (F-17.09). Apply two coats BMS 10-11, type 1 primer (F-20.03) per Fig. 602.
Channel (95)	Al alloy	Chemically treat or chromic acid anodize (F-17.01). Apply two coats BMS 10-11, type 1 primer (F-20.03) all over.
Doubler (110), Container (115) Splice strap (795), Container (800)	Al alloy	Chromic acid anodize and apply one coat BMS 10-11, type 1 primer (F-18.13). Apply one coat BMS 10-11, type 2 enamel, BAC702 white gloss (F-21.03).
Door assembly (215)	--	Apply one coat BMS 10-60, type 2 enamel, BAC707 gray gloss (F-19.39-707) all over, except omit from outside skin surface and spherical bearings.
Cover panel (240), Skin (270), Cover (455), Front fairing (650)	Al alloy	Apply colorless chemical coating (F-14.011) all over.
Doubler (275,280) Channel (345,385) Bracket (395) Retainer (475,505, 515,760), Angle (530A,545, 550), Flange (560, 565), Bracket (700), Spacer(740)	Al alloy	Chemically treat and apply one coat BMS 10-11, type 1 primer (F-18.06) all over.

Refinish Details
 Figure 601 (Sheet 1)

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REPAIR 6-1

01.1

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IPL FIG. & ITEM	MATERIAL	FINISH
Leading edge (285)	Al alloy	Chromic acid anodize, and apply one coat BMS 10-11, type 1 primer (F-18.13). Apply BMS 10-60, BAC707 gray gloss enamel (SRF-14.9813) all over.
Filler (290, 295) Skin (297)	Al alloy	Chromic acid anodize, and apply one coat BMS 10-11, type 1 primer (F-18.13) all over.
Hinge back-up (335, 375)	Al alloy	Chromic acid anodize (F-17.04) and apply one coat BMS 10-11, type 1 primer (F-20.02) all over.
Fairing (580)	Al alloy	Chemically treat and apply one coat BMS 10-11, type 1 primer (F-18.06) all over. Apply one coat BMS 10-11, type 2 enamel, BAC702 white gloss (F-21.03) all over.
Plate (735)	Al alloy	Chemically treat and apply one coat BMS 10-11, type 1 primer (F-18.06). Apply BMS 10-60, BAC707 gray gloss enamel (SRF-14.9813) all over.
Flange (775)	Al alloy	Chromic acid anodize and apply one coat BMS 10-11, type 1 primer (F-18.13) all over. Apply one coat BMS 10-11, type 2 enamel, BAC702 white gloss (F-21.03) per Fig. 603.
Bond assembly (835A, 835B, 845, 845A)	Graphite and Kevlar fabric/epoxy	Apply Dexter 28-C-1 static conditioner plus Dexter 8-W-5 surfacer (SRF-14.672) to concave side only. Apply one coat BMS 10-79, type 2 primer and one coat BMS 10-60, type 2 enamel, BAC707 gray gloss (F-19.40) to concave side only. Apply two coats BMS 10-11, type 1 primer (F-20.03) to convex side only.

Refinish Details
 Figure 601 (Sheet 2)

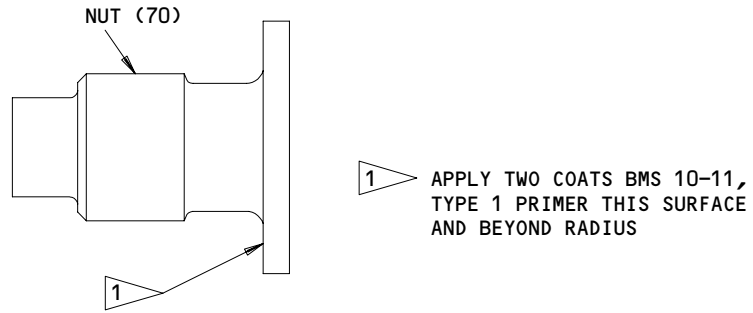
49-15-12

REPAIR 6-1

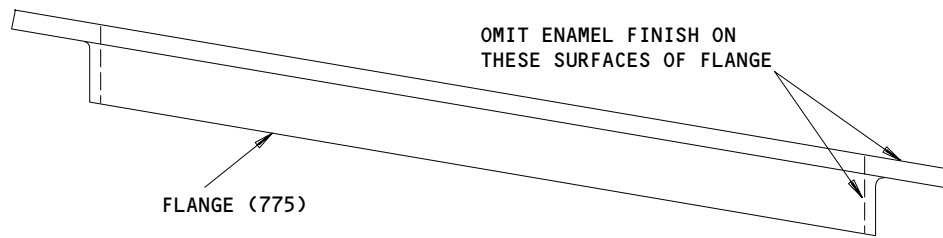
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BOEING
COMPONENT
MAINTENANCE MANUAL



Nut Refinish
Figure 602



Flange Refinish
Figure 603

24519

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REPAIR 6-1

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FITTING ASSEMBLY – REPAIR 7-1

353T0102-6, -7

NOTE: Refer to REPAIR-GENERAL for list of applicable standard practices.

1. Bushing (877, 878) Replacement (IPL Fig. 1)

A. Remove bushings.

B. Install bushings as shown in 20-50-03 with wet BMS 5-95 class B sealant.

C. Machine bushings as shown in Fig. 601.

D. Apply fillet seal to periphery of bushings with BMS 5-95 sealant.

2. Refinish

A. Fitting (879) -- Chromic acid anodize and apply a layer of BMS 10-11, type 1 primer (F-18.13). Apply BMS 10-60 BAC707 gray gloss enamel (SRF-14.9813). Topcoat fillet seal around bushings. Material: Al alloy

B. Fitting (879A) -- Boric acid-sulfuric acid anodize (F-17.31). Apply BMS 10-79, type 3 primer (F-19.47). Apply BMS 10-60 BAC707 gray gloss enamel (F-19.39.707). Do not put primer and enamel in bushing holes. Material: Aluminum alloy.

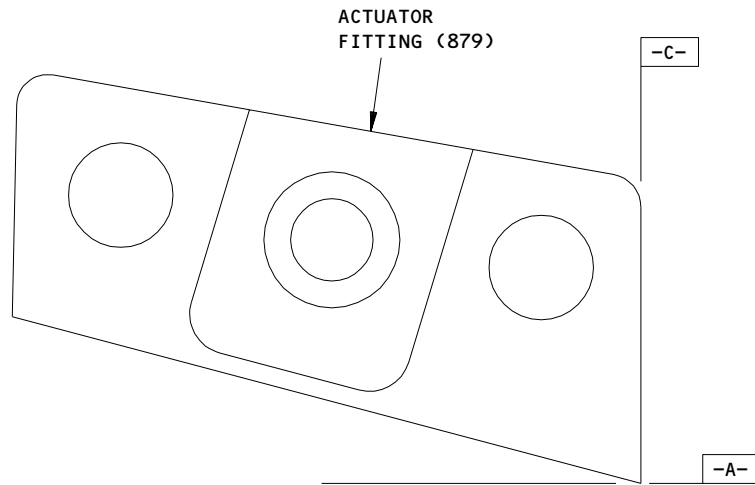
49-15-12

REPAIR 7-1

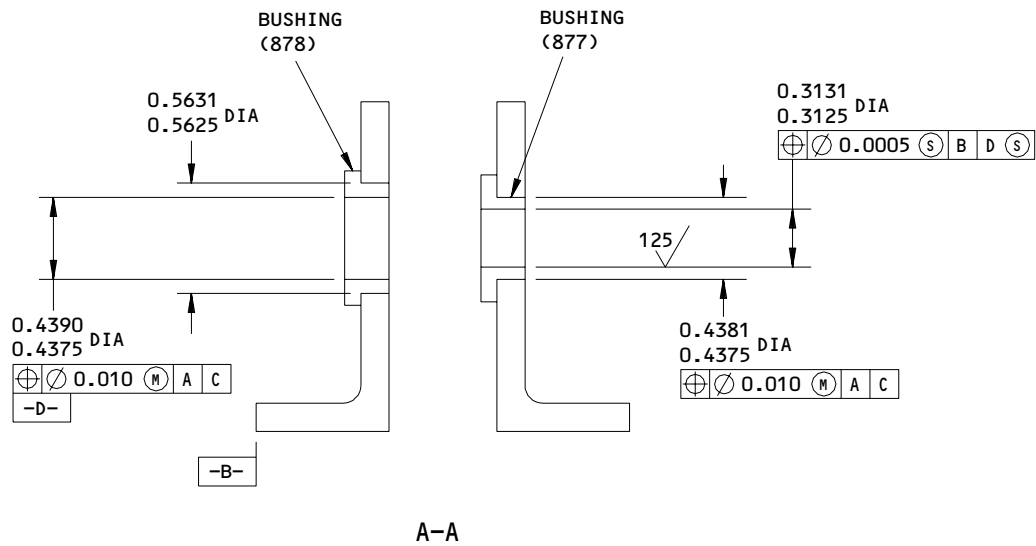
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353T0102-6 SHOWN
 353T0102-7 SIMILAR



ALL DIMENSIONS ARE IN INCHES

353T0102-6,-7
 Bushing Installation
 Figure 601

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REPAIR 7-1

01.1

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ASSEMBLY

1. Materials

NOTE: Equivalent substitutes may be used.

- A. Adhesive -- Type 44 (Ref 20-50-12)
 -- Type 68 (Ref 20-50-12)
 -- Type 70 (Ref 20-50-12)
 -- Type 82 (Ref 20-50-12)
- B. Lockwire -- MS20995C32
 -- MS20995NC32
- C. Primer -- BMS 10-11, type 1 (Ref 20-60-02)
- D. Sealant -- BMS 5-79 (Ref 20-60-04)
 -- BMS 5-95 (Ref 20-60-04)

2. Equipment

NOTE: Equivalent substitutes may be used.

- A. F-70312-48 -- Crowfoot wrench

3. Assembly (IPL Fig. 1)

- A. Use standard industry practices for assembly of this component, and the additional procedures in following steps.
- B. Assemble seal assembly (720).
 - (1) Bond washers (750) to rubber spacer (755) as shown in 20-50-12, with type 60 adhesive.
- C. Assemble port bond assembly (810 or 811).
 - (1) Bond joggle faying surfaces between bond assemblies (835A, 842, 845) as shown in 20-50-12, with type 82 adhesive (optional: type 70 adhesive), before fastener installation.
- D. Assemble port assembly (420).
 - (1) Fay surface seal and wet install all fasteners through a combination of aluminum and graphite with BMS 5-95 sealant.

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ASSEMBLY
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- (2) Delaminate shim (705, 706) if and as necessary as shown in Disassembly. Nominal thickness of shim is 0.03 inch. After delamination, apply BMS 10-11, type 1 primer to shim, and install either wet or dry.

CAUTION: SEAL ASSEMBLY (720) IS OFF-SET AND MUST BE INSTALLED CORRECTLY OR ACTUATOR CANNOT FUNCTION.

- (3) Install seal assembly.
- (4) Use shims (588A, 589) if and as required to maintain door assembly (215) alignment. (See Disassembly.)
- (5) Bond following components as shown in 20-50-12, with type 68 adhesive.
 - (a) Duct seal (805) to port bond assembly (810, 811). Install duct seal (805) so that outer edge of seal is 0.20 inch inside outer edge of duct.
 - (b) Door seal assembly (655) to port bond assembly (810, 811).
- (6) Fill cavities with BMS 5-95 sealant:
 - (a) Between door seal assembly (655) and port bond assembly (810, 811).
 - (b) Between fairings (425, 425A) and port bond assembly (810, 811).
- (7) Bond following components as shown in 20-50-12, with type 44 adhesive.
 - (a) Fairings (425, 425A, 650) to port bond assembly (810, 811).
- (8) Install seals (480, 510, 520) and retainers (475, 505, 515) so that top of each seal is tangent to outer mold line of cover (455).

NOTE: Do not install bolts (430, 435) tightly; cover (455) must be removed temporarily when assembling port and door assembly (1).
- (9) Lockwire (MS20995C32) bolts (460, 461) as shown in 20-50-02 with double-twist procedure.

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E. Assemble door assembly (215).

- (1) Fill gaps as shown in 20-50-11 with BMS 5-79 sealant:
 - (a) Between leading edge (285) and door top skin (270).
 - (b) Between leading edge (285) and door bottom skin (297).
- (2) Do not tighten screws (225); access panel assemblies (220) must be removed temporarily when assembling port and door assembly (1).

F. Assemble port and door assembly (1).

- (1) Install jumpers (30, 140) and spacers (25, 27) onto lower container assembly (75). Clean and install jumpers (30, 140) as shown in 20-11-03.
- (2) Install actuator assembly (880A) into fork fitting assembly (160) with bolt (145), washer (155) and nut (150).
- (3) Install actuator assembly (880A) buildup into lower container assembly (75) with nuts (70, 60, 55) and washer (65).
- (4) Install jumper (140) onto actuator assembly (880A).
- (5) Attach electrical connection from actuator assembly (880A) to lower container assembly (75) with screw (35A), washers (40B) and nuts (45A).
- (6) Install lower container assembly (75) into port assembly (420) with clamp (50).
- (7) Tighten the clamp (50) to 160-180 pound-inches.
- (8) Remove cover (455) from port assembly (420) for installation of door assembly (215).
- (9) Install door assembly (215) into port assembly (420) with bolts (175, 200), bushing (190), washers (180, 205), nuts (185, 210) and cotter pins (195).

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- (10) Use a 0.10 inch feeler gauge to measure the distance between the left door sideplate (as viewed from the front of the aircraft) and the inlet part sidewall. The gap should be no greater than 0.10 inch (Fig. 702).

If the gap between the left door sideplate and the inlet port sidewall is greater than 0.10 inch, the door sideplate must be adjusted. If the door sideplate requires adjustment, the door assembly must be removed and the sideplates bent outward to the appropriate amount for the required gap.

- (11) Remove access panel assembly (220) from door assembly (215) for installation of actuator assembly (880A).
- (12) Install actuator assembly (880A) into door assembly (215) with bolt (865A, 865B), bushing (867, 867A), washer (870) and nut (875, 875A).

CAUTION: STROKE LENGTH OF ACTUATOR ASSEMBLY (880A) HAS BEEN PREADJUSTED AND WILL STOP AT EITHER END OF 4.10 ±0.04 INCHES TRAVEL IN EITHER DIRECTION. DO NOT REMOVE COVER FROM ACTUATOR ASSEMBLY (880A) TO ADJUST STROKE LENGTH.

- (13) When the actuator assembly (880A) is in the down position, the door assembly (215) should be down flush with the port assembly (420, 420B) within +0.00/-0.06 inches. Adjust door assembly (215) with nuts (55, 60) and fork fitting assembly (160). Use crowfoot wrench (F-70312-48) for adjustment of nut (60). Install lockwire (MS20995NC32) as shown in 20-50-02 with double-twist procedure.

CAUTION: DO NOT OVER-TORQUE MANUAL/ELECTRICAL SELECTOR SHAFT AND MANUAL DRIVE. IF RESISTANCE IS FELT, ACTUATOR DAMAGE MAY RESULT. SEE APU INTAKE DOOR MANUAL OPERATION DECAL.

- (14) Hand crank actuator in both directions to check for proper door sealing and possible mechanical binding (Fig. 701).
- (a) Insert 1/4 inch square drive through access hole in housing into the manual/electrical selector shaft located on the lower end of the actuator. Push inward and rotate counter clockwise (approximately 90°) until manual drive socket is exposed. Do not exceed 10 pound-inches torque.
- (b) Insert square drive into revealed socket and turn counterclockwise to extend actuator and clockwise to retract. Rotate until a sharp torque rise is felt. Do not exceed 65 pound-inches torque.
- (c) Insert square drive into manual/electrical selector shaft. Push inward and rotate clockwise until manual drive socket is covered.

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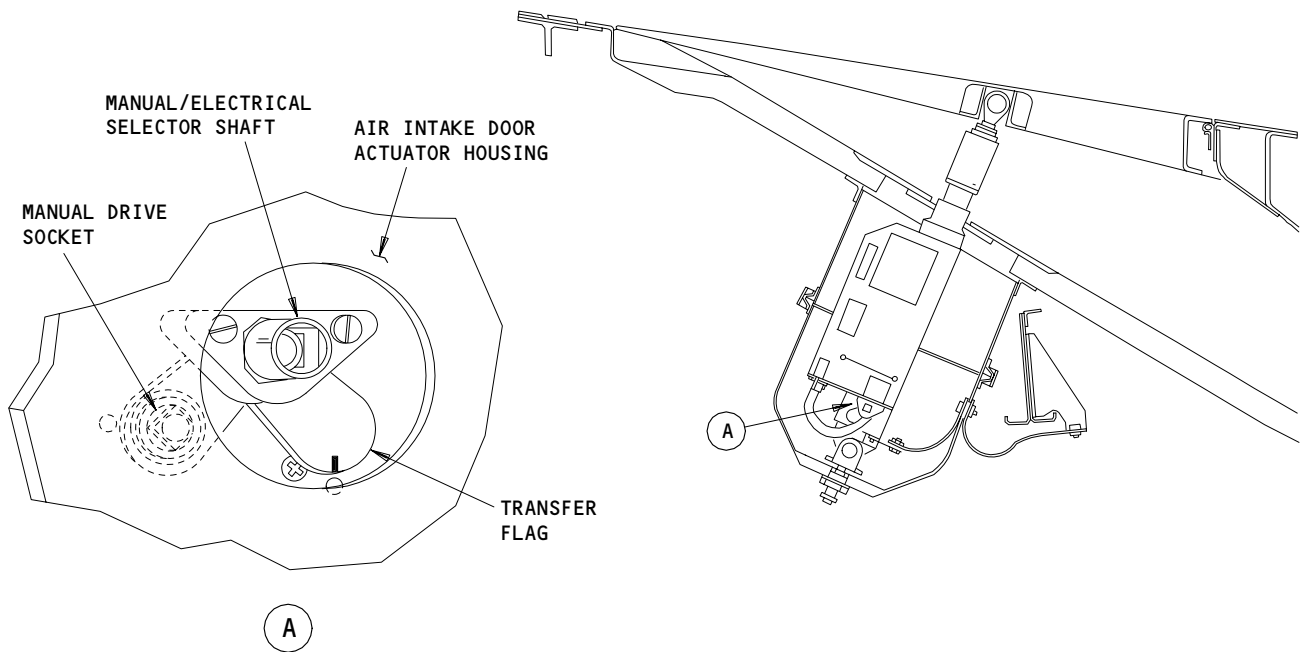
ASSEMBLY

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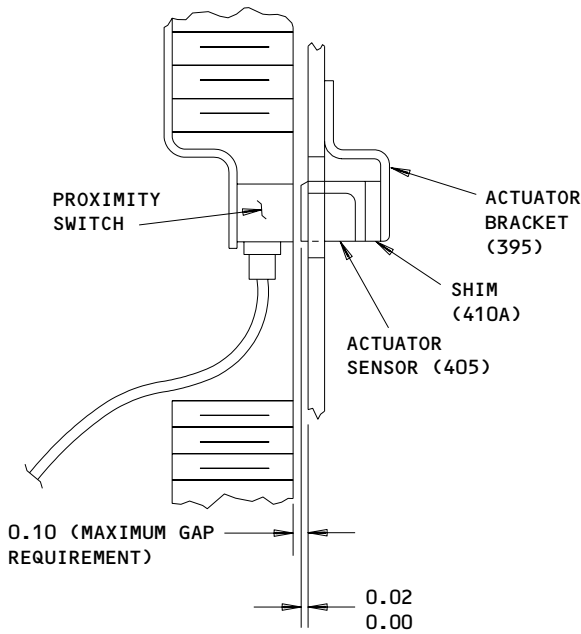
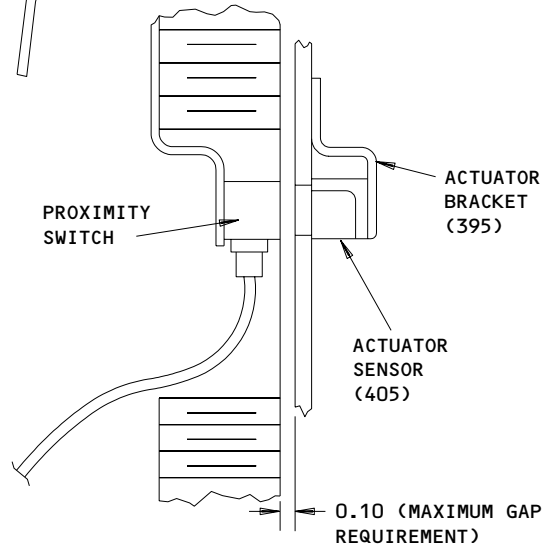
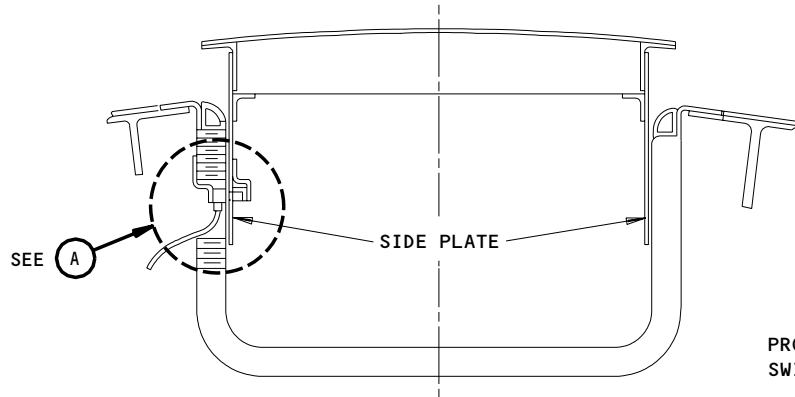
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- (15) Install lockwire (MS20995NC32) to bolts (310B), which attach the door angle fitting assemblies (315, 355).
- (16) Re-install cover (455) into port assembly (420).
- (17) Re-install access panel assembly (220) into door assembly (215).



Port and Door Assembly
 Figure 701

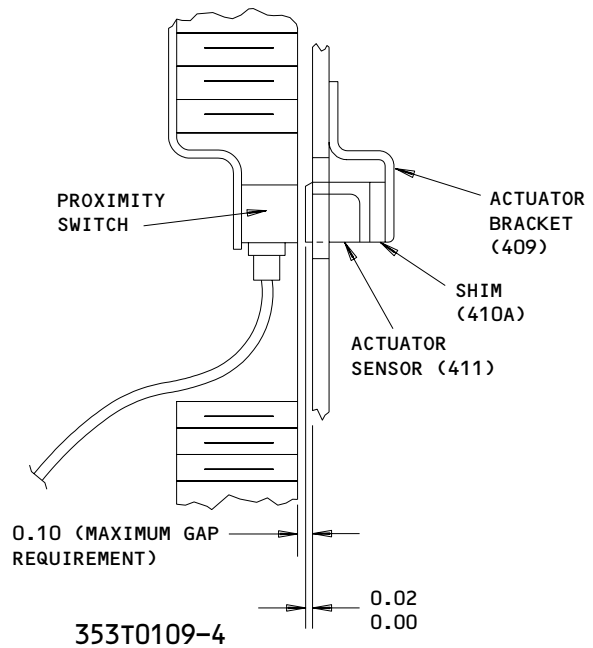


353T0109-5002,-5003

(A)

353T0109-5001

(A)



353T0109-4

(A)

ALL DIMENSIONS ARE IN INCHES

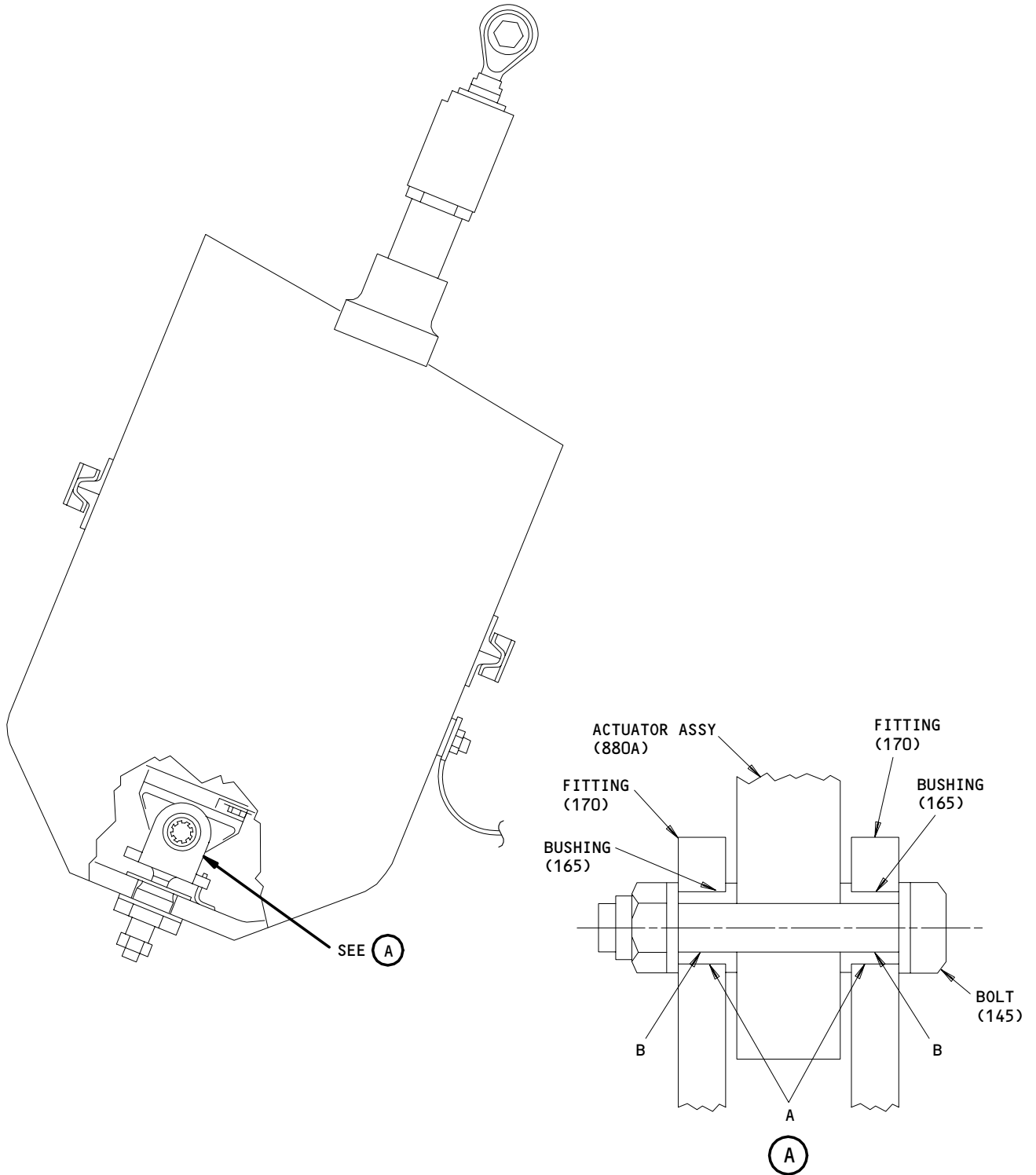
Door Assembly
 Figure 702

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ASSEMBLY
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
FITS AND CLEARANCES



Fits and Clearances
Figure 801 (Sheet 1)

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FITS AND CLEARANCES
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Ref Letter Fig.801	Mating Item No. IPL Fig.1	Design Dimension				Service Wear Limit		
		Dimension		Assembly Clearance 		Dimension		Maximum Clearance
		Min	Max	Min	Max	Min	Max	
A	ID 170	0.4375	0.4381	-0.0011	0.0000		0.0000	0.0000
	OD 165	0.4381	0.4386					
B	ID 165	0.3125	0.3140	0.0005	0.0030	0.3048	0.3203	0.0155
	OD 145	0.3110	0.3120					

 NEGATIVE VALUES DENOTE INTERFERENCE FIT

ALL DIMENSIONS ARE IN INCHES

 Fits and Clearances
 Figure 801 (Sheet 2)

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 FITS AND CLEARANCES
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FITS AND CLEARANCES

FOR TORQUE VALVES OF STANDARD FASTENERS, REFER TO 20-50-01			
Item No. IPL Fig. 1	Name	TORQUE	
		Pound-Inches	Pound-Feet
50	CLamp	160-180	

Torque Table
 Figure 802

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FITS AND CLEARANCES

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SPECIAL TOOLS

1. F-70312-48 Crowfoot wrench

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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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ILLUSTRATED PARTS LIST

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VENDORS

S0352 NIPPON MINIATURE BEARING CO LTD
TOKYO, JAPAN

S4096 SHIMADZU SEISAKUSHO
KYOTO, JAPAN

OPTK6 SPS TECHNOLOGIES INC AEROSPACE PRODUCTS DIV
5195 W 4700 SPO BOX 18459
KEARNS, UTAH 84118

00624 AEROQUIP CORP AEROSPACE DIV JACKSON PLANT
300 SOUTH EAST AVENUE
JACKSON, MICHIGAN 49203-1972

06725 AIR INDUSTRIES CORPORATION
12570 KNOTT STREET
GARDEN GROVE, CALIFORNIA 92641-3932

07096 BURKE RUBBER CO PUROSIL DIV
1810 SOUTH SHAMROCK AVENUE PO BOX 5023
MONROVIA, CALIFORNIA 91016-4251

08524 DEUTSCH FASTENER CORP SEE CODE V97928

11815 CHERRY AEROSPACE FASTENERS DIV OF TEXTRON
1224 EAST WARNER AVENUE PO BOX 2157
SANTA ANA, CALIFORNIA 92707-0157

15653 KAYNAR TECHNOLOGY KAYNAR DIV
800 SOUTH STATE COLLEGE BLVD PO BOX 3001
FULLERTON, CALIFORNIA 92634-3001

15860 NEW HAMPSHIRE BALL BEARINGS, INCORPORATED ASTRO DIVISION
155 LEXINGTON AVENUE
LACONIA, NEW HAMPSHIRE 03246-2937

27238 BRISTOL INDUSTRIES
630 EAST LAMBERT ROAD PO BOX 630
BREA, CALIFORNIA 92621-4119

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ILLUSTRATED PARTS LIST
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**BOEING**
COMPONENT
MAINTENANCE MANUALVENDORS

5M902 FAIRCHILD IND INC FAIRCHILD AEROSPACE FASTENER DIV
3016 W LOMITA BLVD
TORRANCE, CALIFORNIA 90505-5103

50294 NEW HAMPSHIRE BALL BEARINGS INC
9730 INDEPENDENCE AVENUE PO BOX 2515
CHATSWORTH, CALIFORNIA 91311-4323

50632 KAMATICS CORP SUB OF KAMAN CORP
1335 BLUE HILLS ROAD
BLOOMFIELD, CONNECTICUT 06002-1304

52828 REPUBLIC FASTENER MFG CORP
1300 RANCHO CONEJO BLVD
NEWBURY PARK, CALIFORNIA 91320-1405

53551 ALLFAST FASTENING SYSTEMS INC
15200 EAST DON JULIAN ROAD PO BOX 3166
CITY OF INDUSTRY, CALIFORNIA 91745-1001

56878 SPS TECHNOLOGIES INC AEROSPACE AND INDUSTRIAL PRODUCTS DIV
HIGHLAND AVENUE
JENKINTOWN, PENNSYLVANIA 19046

60516 WEST COAST AEROSPACE INC
812 MIRAFLORES STREET
SAN PEDRO, CALIFORNIA 90731-1439

60980 ELASTOMERIC SILICONE PRODUCTS INC
2010 LAFAYETTE AVENUE P.O. BOX 887
MCMINNVILLE, OREGON 97128-9333

62554 SIMMONDS MECAERO FASTENERS INC
1734 SEQUOIA AVENUE
ORANGE, CALIFORNIA 92668

71087 BOOTS ACFT NUT DIV TOWNSEND CO SEE TEXTRON INC CHERRY
FASTENER TOWNSEND DIV V11815

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VENDORS

72962 HARVARD INDUSTRIES INC
3 WERNER WAY SUITE 210
LEBANON, NEW JERSEY 08833

73134 IMO INDUSTRIES INC HEIM BEARINGS DIV
60 ROUND HILL ROAD PO BOX 430
FAIRFIELD, CONNECTICUT 06430

73197 HI-SHEAR TECHNOLOGY CORP
2600 SKYPARK DRIVE
TORRANCE, CALIFORNIA 90509

74867 INDUSTRIAL PRESS INC
200 MADISON AVENUE
NEW YORK, NEW YORK 10016-3902

75345 KIRKHILL RUBBER CO
300 EAST CYPRESS STREET
BREA, CALIFORNIA 92621-4007

80539 SPS TECHNOLOGIES INC AEROSPACE PRODUCTS DIV
2701 SOUTH HARBOR BOULEVARD PO BOX 1259
SANTA ANA, CALIFORNIA 92702-1259

91812 JANCO CORPORATION
3111 WINONA AVENUE,PO BOX 3038
BURBANK, CALIFORNIA 91504-2543

91929 HONEYWELL INC MICRO SWITCH DIV
11 WEST SPRING STREET
FREEPORT, ILLINOIS 61032

92215 FAIRCHILD IND INC FAIRCHILD AEROSPACE FASTENER DIV
3010 W LOMITA BLVD
TORRANCE, CALIFORNIA 90505-5102

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VENDORS

95272 SARGENT IND INC STILLMAN SEAL DIV
6020 AVENDIDA ENCINAS PO BOX 2000
CARLSBAD, CALIFORNIA 92008-4407

97613 SARGENT CONTROLS & AEROSPACE/KAHR BEARING DIV
5675 W BURLINGAME RD
TUCSON, ARIZONA 85743

97928 DEUTSCH FASTENER CORP
3969 PARAMONT BOULEVARD
LAKEWOOD, CALIFORNIA 90712-4193

98625 AEROQUIP CORP AEROSPACE DIV MARMON PLANT SEE AEROQUIP
CORP AEROSPACE DIV V00624

98996 OLYMPIA FASTENING INV SEE V53551

99564 GULTON INDUSTRIES INC S-C-D DIV
1644 WHITTIER AVE
COSTA MESA, CALIFORNIA 92627-4415

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
ADB5V301N		1	415C	2
ADB5V301NC		1	320A	1
		1	360A	1
		1	415A	1
		1	415D	2
AF5141-3-1		1	803	28
AF5171-3-3		1	440B	26
		1	465B	16
AF5171-3-4		1	440C	26
AN960-416		1	205	1
AN960-516		1	180	1
AN960-516L		1	155	2
AN960C10L		1	825	44
		1	826C	22
AN960C1216L		1	65	1
AN960C516		1	870	1
AN960C8L		1	823	2
AN960D10L		1	15	4
		1	130	2
AN960PD10L		1	311	4
		1	351	4
		1	463	8
		1	695	2
		1	696	2
BACB10FB05G		1	415C	2
BACB10FB05GC		1	320A	1
		1	360A	1
		1	415A	1
		1	415D	2
BACB28AK05-030		1	190	1
BACB28AK05-032		1	867A	1
BACB28AP05P009		1	595	1
		1	625	1
		1	640	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACB28AP05P015		1	307	1
		1	877	1
BACB28AT07B015C		1	878A	1
BACB28X5C009		1	595A	1
		1	647	2
BACB28X5E006		1	165	2
BACB28X7C009		1	610	1
BACB28X7C015		1	308	1
BACB28X7M015		1	878	1
BACB28Y5E034		1	867	1
BACB30FM5-3		1	300	8
BACB30HA6-6		1	725	8
BACB30LH3-3		1	430A	5
BACB30LH3-4		1	435A	8
BACB30LH3U2		1	801	6
BACB30LH4-10		1	211	4
BACB30LR3-3		1	430	5
BACB30LR3-4		1	435	8
BACB30MY5K3		1	535	6
		1	555	6
		1	585	12
BACB30NM3K4		1	412	8
BACB30NW5K3		1	575	15
BACB30NX6K18		1	710	12
BACB30NX6K20		1	710A	12
BACB30NX6K5		1	820	22
BACB30NZ5K4		1	813A	2
BACB30PW5D15		1	200	1
BACB30VT5K3		1	535A	6
		1	555A	6
		1	585A	12

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACB30VT6K3		1	821	22
BACB30VU5K4		1	813	2
BACB30YP5K3		1	575A	15
BACC30AB5S		1	537	6
		1	557	6
		1	577	15
		1	587	12
BACC30AB6S		1	830	22
BACC30AG5A		1	828A	2
BACC30BL6		1	715A	12
BACC30BS5S		1	537A	6
		1	557A	6
		1	577A	15
		1	587A	12
		1	828	2
BACC30BS6S		1	831	22
BACC30M5		1	303	8
BACC30M6		1	715	12
BACC30P6		1	730	8
BACF34D4B3		1	225	16
BACF34D4R		1	230	16
BACF34D4R8-01		1	245	16
BACG20AF2B2		1	702	1
BACJ40D10-16		1	140	2
BACJ40D10-28		1	30	2
BACN10JC04		1	680	2
BACN10JC3		1	20	2
		1	135	2
BACN10JD4		1	210	1
BACN10JN3CM		1	803G	14
		1	808	4
BACN10JP3A		1	313A	4
		1	353A	4
BACN10JR3CFD		1	450A	1
		1	470A	4
BACN10JR3F		1	450	1
		1	470	4
BACN10KH3		1	445	12
		1	472	4
BACN10KH3CD		1	445A	12
		1	472A	4
BACN10YR04CD		1	45B	4

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACN10YR3CD		1	20B	2
BACN10ZC4CD		1	212A	4
BACP18BC02C06P		1	195A	1
BACR10AL4AC		1	213A	4
BACR15BA3KE		1	235	32
		1	312	8
		1	352	8
BACR15BA4AD		1	407A	3
		1	417L	50
BACR15BA4D		1	90B	2
		1	390A	3
BACR15BA5D		1	252	8
BACR15BA5KE		1	250	92
BACR15BB4D		1	100A	24
		1	107A	9
		1	770A	23
		1	780A	23
		1	790A	8
BACR15CE5KE		1	525A	8
		1	540A	8
		1	570A	16
BACR15DR3-3		1	440B	26
		1	465B	16
BACR15DR3-4		1	440C	26
BACR15DR3A1		1	803	28
BACR15FT4AD		1	408A	2
BACR15FT4KE		1	400	2
BACR15FT5KE		1	340	5
		1	380	5
BACR15FT6KE		1	330	4
		1	370	4
BACR15GA6-4		1	814	2
		1	815	2
BACR15GA6-6		1	815A	2

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACS12BE04C5		1	35A	4
BACS12CK04-5		1	35B	4
BACS40R005E016F		1	410A	1
BACS40R0095B025		1	589	2
BACS40R08C016F		1	705A	1
BACS40R08C021F		1	706	1
BACS40R08C16F		1	705	1
BACS40R095B25F		1	588A	1
BACW10BN3AC		1	413A	8
BACW10BN3UC		1	826E	22
BACW10BN6UC		1	826B	22
BACW10BP3ACU		1	826D	22
BACW10BP5AP		1	180A	1
BACW10BP5DP		1	180B	1
		1	870A	1
BACW10BP6ACU		1	826A	22
BAC27TAP0011		1	862A	1
BAC27TAP0033		1	862B	1
BH00312-04		1	45B	4
BRFM20C3M		1	803G	14
		1	808	4
BRF200A3		1	450	1
		1	470	4
BRF200C3D		1	450A	1
		1	470A	4
BRH10A04		1	680	2
BRH10A3		1	20	2
		1	135	2
BRH30C04		1	45B	4
BRM200A3		1	313A	4
		1	353A	4

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
B30NW5K3		1	575	15
CCR264CS3-1TT		1	803	28
CCR264SS3-3		1	440B	26
		1	465B	16
CCR2643-4		1	440C	26
E2B2		1	702	1
FS1651-3		1	445A	12
		1	472A	4
F29779-3		1	445	12
		1	472	4
F5000-3BAC		1	450	1
		1	470	4
G6940-2B2		1	702	1
HL10VAZ5-3		1	535	6
		1	555	6
		1	585	12
HL11VAZ5-3		1	575	15
HL12-18		1	710	12
HL12-20		1	710A	12
HL12-5		1	820	22
HL12VAZ6-18		1	710	12
HL12VAZ6-20		1	710A	12
HL12VAZ6-5		1	820	22
HL18PB5-3		1	300	8
HL23-6-6		1	725	8
HL236-6		1	725	8
HL523AZ5-4		1	813A	2
HL70-5		1	303	8
HL77-6		1	730	8
HL79-6		1	715	12
HL97DU5		1	537	6
		1	557	6
		1	577	15
		1	587	12
HL97DU6		1	830	22
HST10AG5-3		1	535A	6
		1	555A	6
		1	585A	12
HST10AG6-3		1	821	22

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
HST1094DU5		1	537A	6
		1	557A	6
		1	577A	15
		1	587A	12
		1	828	2
HST1094DU5S		1	831	22
HST1094DU6		1	828	2
HST1094KP5S		1	813	2
HST11AG5-4		1	715A	12
HST79-6		1	715A	12
HST79CY6		1	320A	1
HTFB05GC		1	360A	1
		1	415A	1
HTFB05V		1	415C	2
HTFB05VC		1	320A	1
		1	360A	1
		1	415A	1
		1	415D	2
H10-04BAC		1	680	2
H10-3BAC		1	20	2
		1	135	2
H2B2		1	702	1
H52732-04CD		1	45B	4
H52732-3CD		1	20B	2
KNDB5-62		1	415C	2
KNDB5-70		1	320A	1
		1	360A	1
		1	415A	1
		1	415D	2
KSC145700BZ5GC		1	320A	1
		1	360A	1
		1	415A	1
		1	415D	2
K51602-3BAC		1	450A	1
		1	470A	4
LH3858-40		1	45B	4
L802-6K18		1	710	12
L802-6K20		1	710A	12
L802-6K5		1	820	22
L803-5K3		1	575	15
L804-5K4		1	813A	2
MF1001-3BAC		1	803G	14
		1	808	4
MF53050-3DL		1	803G	14
		1	808	4

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
MK1000-3BAC		1	313A	4
		1	353A	4
MS20426A3		1	807	8
MS21042L04		1	45A	4
MS21042L3		1	20A	2
		1	135A	2
MS24665-134		1	195	1
NAS1149C0316R		1	826F	22
NAS1149DN432J		1	40B	4
NAS1149D0316H		1	15A	4
NAS1149D0316J		1	463A	8
NAS1149E0432P		1	205A	1
NAS1149E0532P		1	155A	2
NAS1149E1232P		1	65A	1
NAS1395-3L		1	419	8
NAS1399D4-3		1	417P	20
NAS1399D4-4		1	417T	2
NAS1423-12		1	60	1
NAS1423C12		1	60A	1
NAS1739E5-2		1	265	78
NAS1739E5-3		1	260	26
NAS1739E5-4		1	255	34
NAS1801-3-5		1	690A	2
		1	691	2
NAS1802-3-9		1	801H	8
		1	806G	4
NAS1805-5		1	150	1
		1	185	1
		1	875	1
NAS1805-5L		1	150A	1
		1	185A	1
		1	875A	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
NAS1832-3-5		1	843	2
		1	850	2
NAS509-6		1	55	1
NAS563-15		1	125	2
NAS563-25		1	10	2
NAS577B4A		1	212	4
NAS578-4A		1	213	4
NAS600-5		1	675	2
NAS607-4-4P		1	417	1
		1	417A	2
NAS6603H5		1	460	4
NAS6603H6		1	461	4
NAS6703-7		1	310A	4
		1	350A	4
NAS6703D7		1	10A	2
NAS6703H5		1	460A	4
NAS6703H6		1	461A	4
NAS6703H7		1	310B	4
		1	350B	4
NAS6705-11		1	145	1
NAS6705-14		1	175	1
NAS6705-15		1	865B	1
NAS6705-16		1	865A	1
NK1005158-10		1	105	1
		1	785	1
NRRS05FBG		1	415C	2
NRRS05FBGC		1	320A	1
		1	360A	1
		1	415A	1
		1	415D	2
NS103197-02		1	313A	4
		1	353A	4
NS103203-02		1	450	1
		1	470	4
NS103218SE02		1	803G	14
		1	808	4

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
NS103225-02		1	445	12
		1	472	4
NS202101-02		1	20	2
		1	135	2
NS202101-40		1	680	2
NS202476-02		1	450A	1
		1	470A	4
NS202496-02		1	445A	12
		1	472A	4
PLH504CD		1	45B	4
PLH53CD		1	20B	2
RMA9201M3		1	313A	4
		1	353A	4
RMF9201-3		1	450	1
		1	470	4
RMF9209M3		1	445	12
		1	472	4
RMLH9075-3W		1	20	2
		1	135	2
RMLH9075-40W		1	680	2
RV541A3-1		1	803	28
RV571A3-3		1	440B	26
		1	465B	16
RV571A3-4		1	440C	26
SZ6924-2B2		1	702	1
S353T010-1		1	880A	1
S353T010-4		1	880B	1
S353T010-6		1	880D	1
T6S1032J		1	20	2
		1	135	2
T6S440J		1	680	2
T6113C440		1	45B	4
T8076S1032		1	313A	4
		1	353A	4
T8091S1032		1	450	1
		1	470	4

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
T8092C1032CD		1	450A	1
		1	470A	4
T8125C3C		1	803G	14
		1	808	4
VN152A1-02		1	450	1
		1	470	4
VN202A1-02		1	313A	4
		1	353A	4
VN252D02		1	803G	14
VN252D02		1	808	4
VN303A02		1	20	2
		1	135	2
VN303A40		1	680	2
WC22-5-3		1	300	8
WES05G		1	415C	2
WES05GC		1	415D	2
102F9201-3		1	450A	1
		1	470A	4
102F9209M3		1	445A	12
		1	472A	4
109F9201M3		1	803G	14
		1	808	4
192-4-3		1	225	16
1941-4		1	230	16
353T0100-11		1	1D	RF
353T0100-12		1	1E	RF
353T0100-13		1	1F	RF
353T0100-14		1	1G	RF
353T0100-15		1	1H	RF
353T0100-19		1	1J	RF
353T0100-3		1	1	RF
353T0100-4		1	1A	RF
353T0100-6		1	1B	RF
353T0100-9		1	1C	RF
353T0101-1		1	590	1
353T0101-17		1	646	1
353T0101-18		1	648	1
353T0101-19		1	590A	1
353T0101-2		1	605	1
353T0101-3		1	620	1
353T0101-4		1	635	1
353T0101-5		1	600	1
353T0101-6		1	615	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
353T0101-7		1	630	1
353T0101-8		1	645	1
353T0102-1		1	305	1
353T0102-2		1	309	1
353T0102-5		1	879	1
353T0102-6		1	876	1
353T0102-7		1	876A	1
353T0102-8		1	879A	1
353T0103-3		1	160	1
353T0103-4		1	170	1
353T0104-1		1	355	1
353T0104-11		1	414	1
353T0104-12		1	416	1
353T0104-13		1	414A	1
353T0104-14		1	416A	2
353T0104-15		1	414C	1
353T0104-16		1	416B	2
353T0104-2		1	315	1
353T0104-3		1	365	1
353T0104-4		1	325	1
353T0106-1		1	420	1
353T0106-10		1	805A	1
353T0106-11		1	420G	1
353T0106-12		1	420H	1
353T0106-13		1	687	1
353T0106-14		1	687A	1
353T0106-2		1	805	1
353T0106-3		1	420A	1
353T0106-5		1	420B	1
353T0106-7		1	420C	1
353T0106-8		1	420D	1
353T0106-9		1	420E	1
353T0107-3		1	110	1
353T0107-4		1	75	1
353T0107-5		1	115	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
353T0107-6		1	103	1
353T0108-1		1	765	1
353T0108-2		1	800	1
353T0108-3		1	775	1
353T0108-4		1	795	1
353T0109-1		1	215	1
353T0109-10		1	417F	1
353T0109-12		1	417K	1
353T0109-3		1	220	2
353T0109-5001		1	217	1
353T0109-5002		1	217A	1
353T0109-5003		1	217B	1
353T0109-8		1	417H	1
353T0110-1		1	655	1
353T0110-10		1	655A	1
353T0110-11		1	670A	1
353T0110-2		1	670	1
353T0110-3		1	665	1
353T0110-4		1	660	1
353T0111-2		1	290	1
353T0111-3		1	295	1
353T0112-1		1	285	1
353T0114-1		1	810	1
353T0114-10		1	855	1
353T0114-11		1	835A	1
353T0114-12		1	810A	1
353T0114-13		1	845A	1
353T0114-18		1	835C	1
353T0114-19		1	811	1
353T0114-20		1	842	1
353T0114-28		1	842A	1
353T0114-29		1	811B	1
353T0114-6		1	845	1
353T0114-7		1	860	1
353T0114-9		1	840	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
353T0115-1		1	335	1
		1	375	1
353T0115-32		1	515	1
353T0115-35		1	475	1
353T0115-36		1	505	1
353T0115-37		1	560	1
353T0115-38		1	565	1
353T0115-40		1	395	1
		1	409	1
353T0115-41		1	700	1
353T0115-42		1	480	1
353T0115-49		1	520	1
353T0115-50		1	510	1
353T0115-61		1	425	1
		1	864	1
353T0115-62		1	385	1
353T0115-63		1	345	1
353T0115-67		1	425A	1
		1	864H	1
353T0115-71		1	530A	1
353T0115-72		1	701	1
353T0115-73		1	703	1
353T0115-74		1	530B	1
353T0115-75		1	409B	1
353T0115-76		1	530C	1
353T0116-1		1	455	1
353T0116-10		1	650	1
		1	863	1
353T0116-11		1	240	2
353T0116-2		1	275	1
353T0116-3		1	280	1
353T0116-5		1	545	1
353T0116-6		1	550	1
353T0116-7		1	580	1
353T0116-8		1	270	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
353T0116-9		1	297	1
353T0117-1		1	720	1
353T0117-2		1	745	1
353T0117-3		1	755	1
353T0117-4		1	750	2
353T0118-1		1	735	1
353T0118-2		1	740	1
353T0118-3		1	760	1
353T0118-5		1	717	1
353T0118-6		1	717A	1
353T0119-1		1	418	1
353T0119-10		1	418D	1
353T0119-11		1	419K	1
353T0119-3		1	419H	1
353T0119-8		1	418C	1
353T0119-9		1	419J	1
353T0120-1		1	802	2
353T0121-1		1	804	2
353T0122-1		1	417C	2
353T0123-1		1	805K	2
353T0150-1		1	70	1
353T0151-1		1	27	1
353T0151-2		1	25	1
353T0153-1		1	762	1
4566-800		1	50	1
60B40018-32		1	405	1
		1	411	1
60B40018-42		1	685	1
		1	688	1
60B40018-43		1	685B	1
		1	688A	1
62550-5-3		1	300	8
66014-5		1	303	8
66014-6		1	715	12
66015-6		1	730	8
69B98809-3		1	95	1
701-2B2		1	702	1
71FR1		1	405	1
		1	411	1
732-13870-01		1	880A	1
740D10-16		1	140	2
740D10-28		1	30	2
80724-440		1	45B	4
8102-0401		1	685	1
		1	688	1
8102-0402		1	685B	1
		1	688A	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
8112-0401		1	405	1
		1	411	1
96-02		1	20	2
		1	135	2
96-40		1	680	2

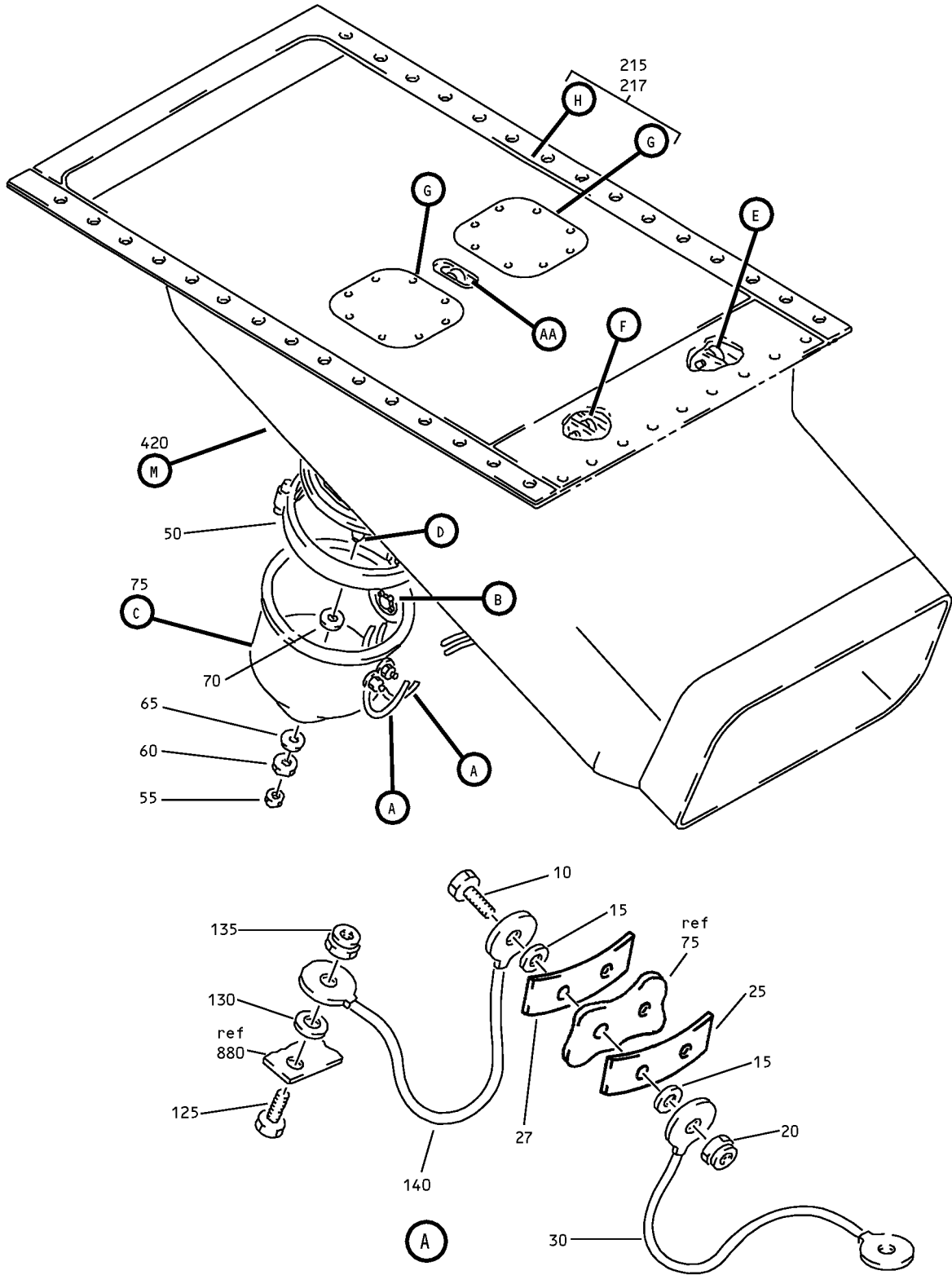
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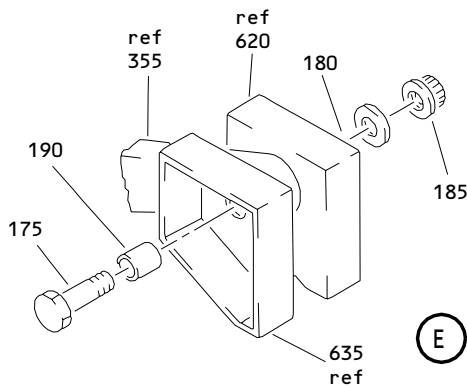
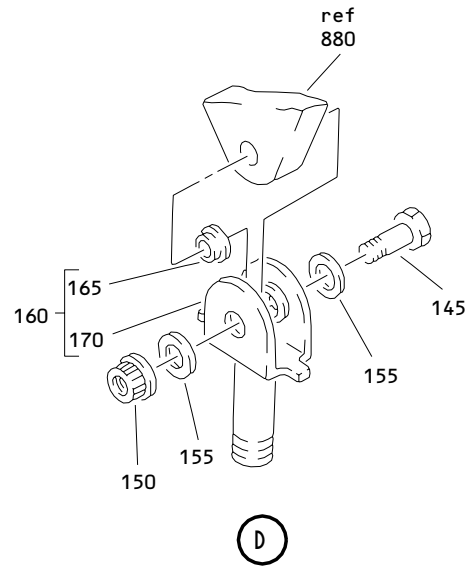
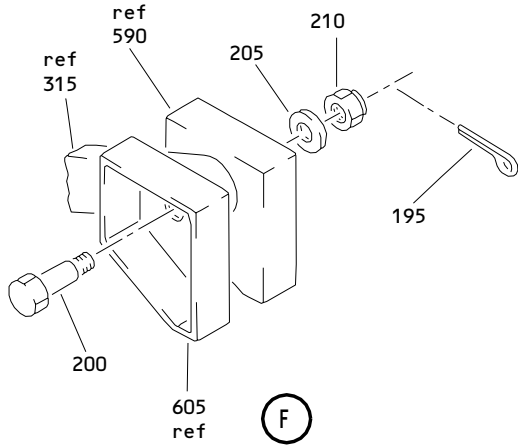
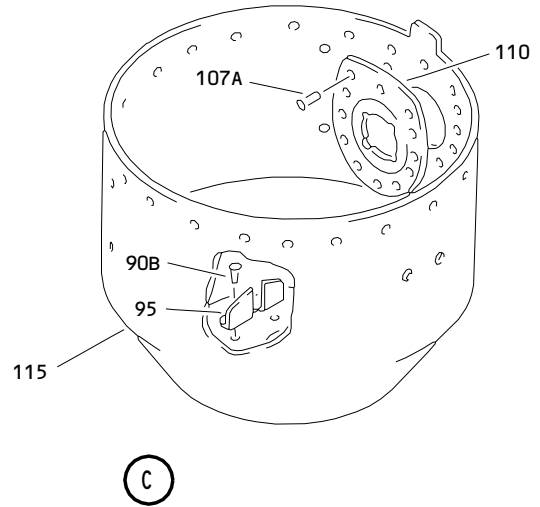
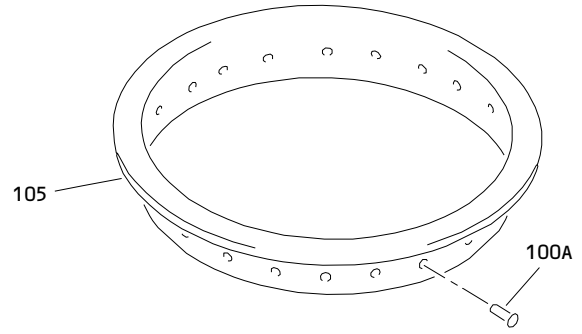
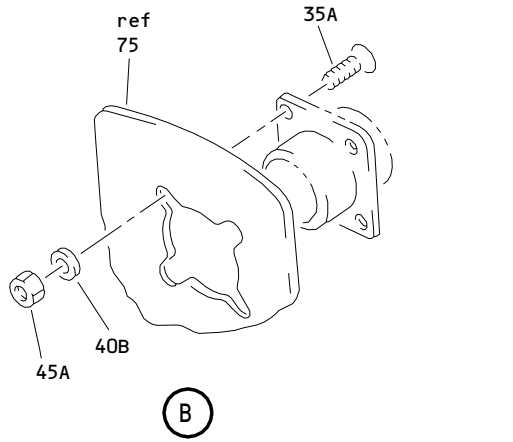
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Auxiliary Power System Intake Port and Door Assembly
 Figure 1 (Sheet 1)

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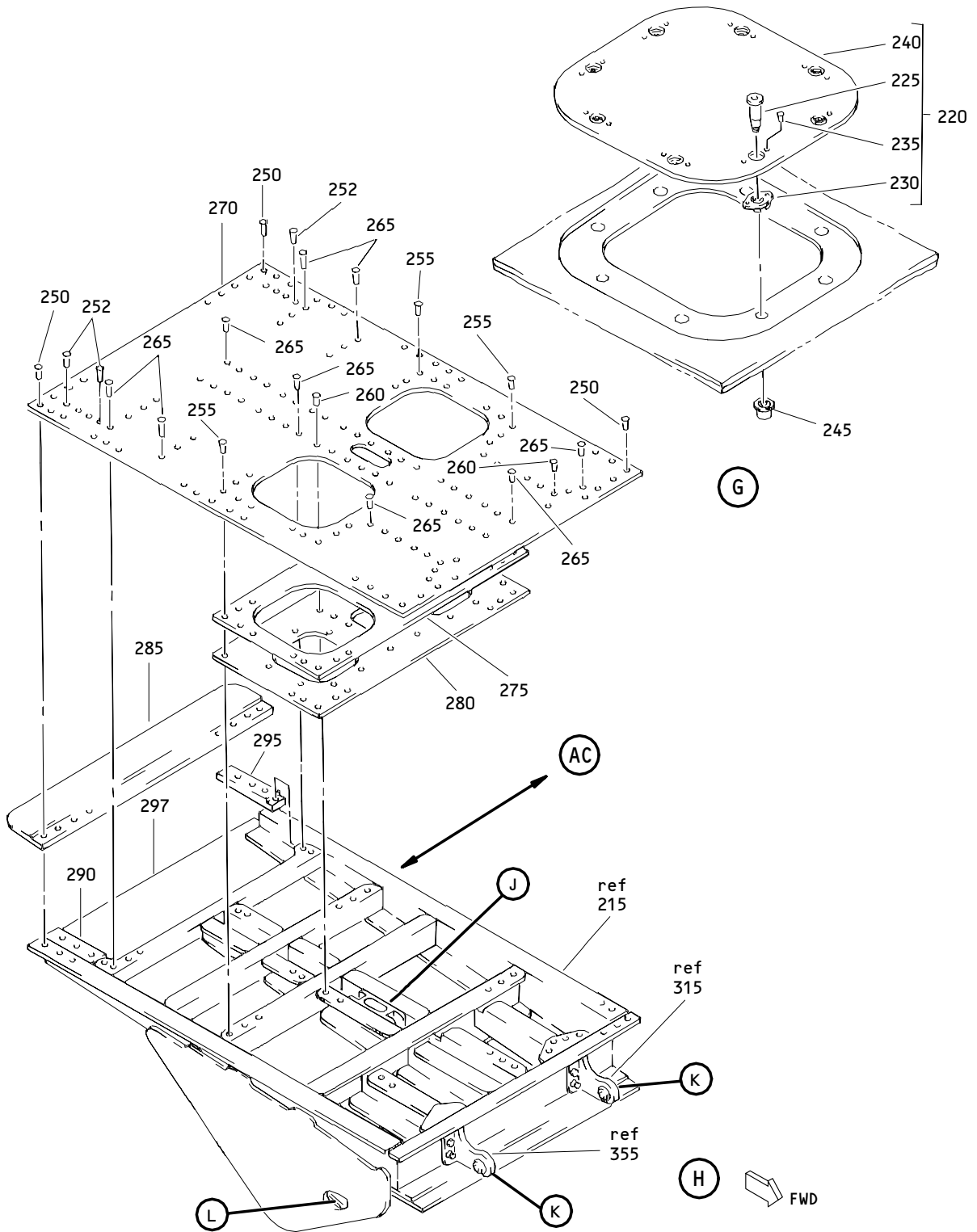
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 Figure 1 (Sheet 2)

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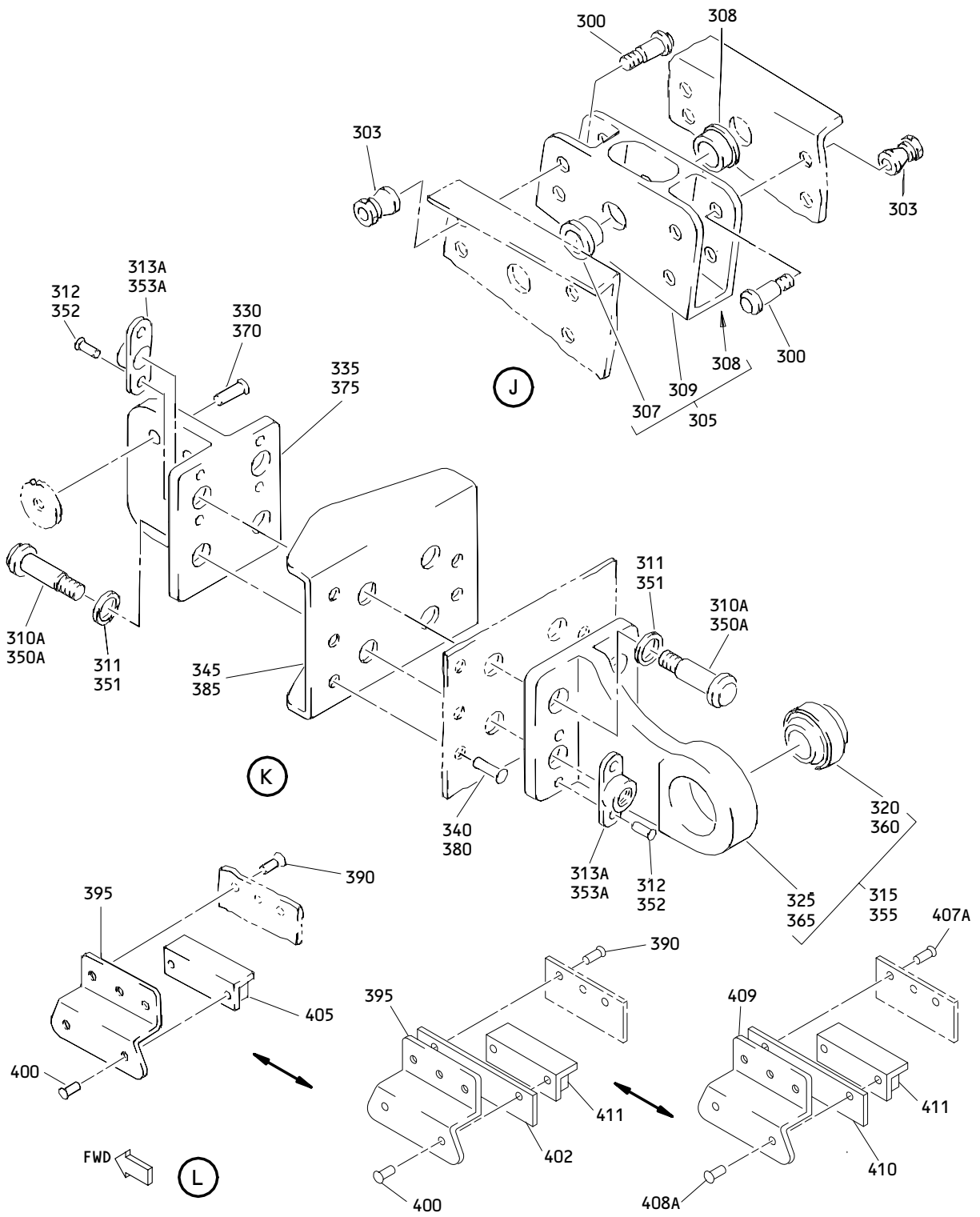
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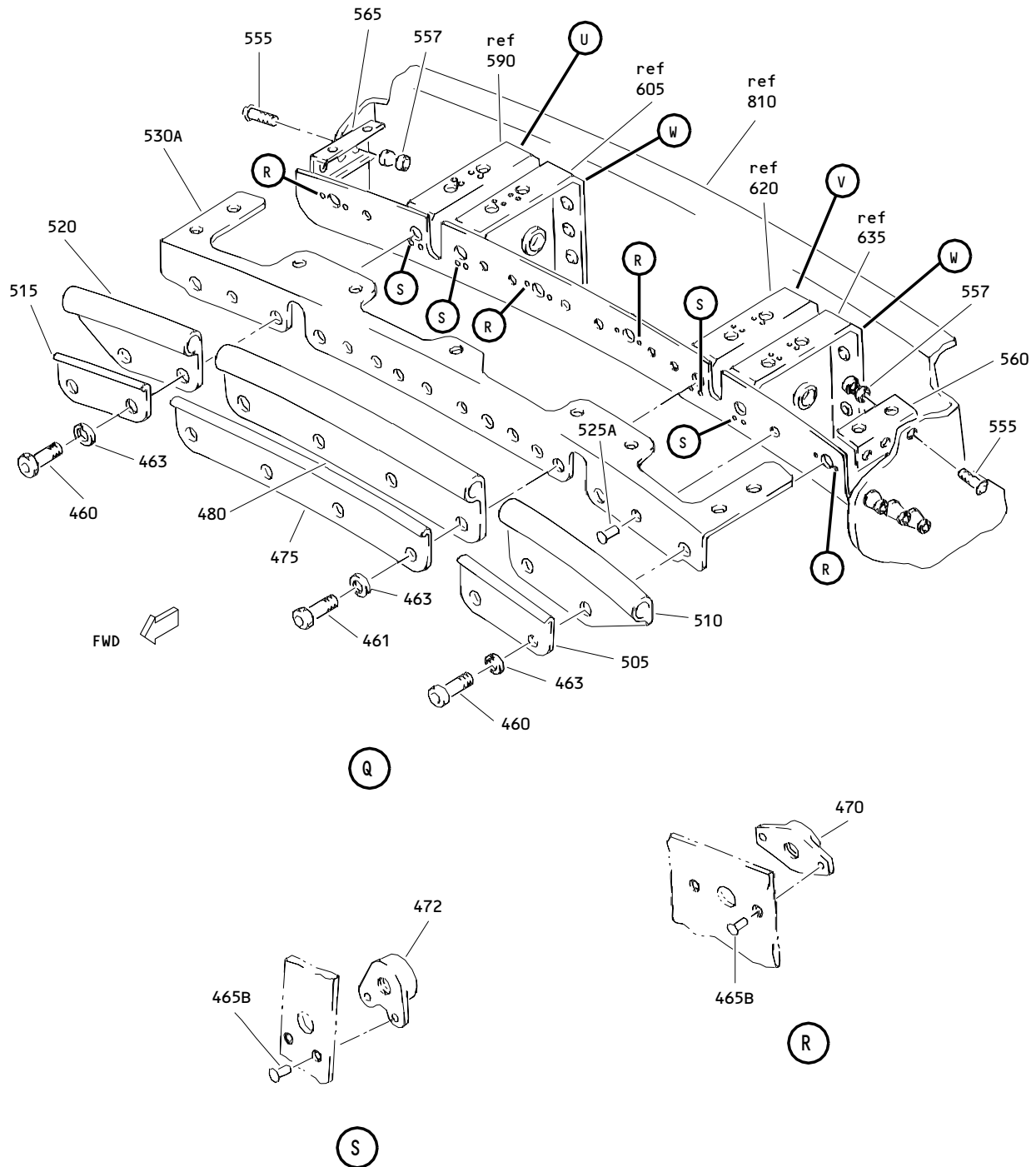
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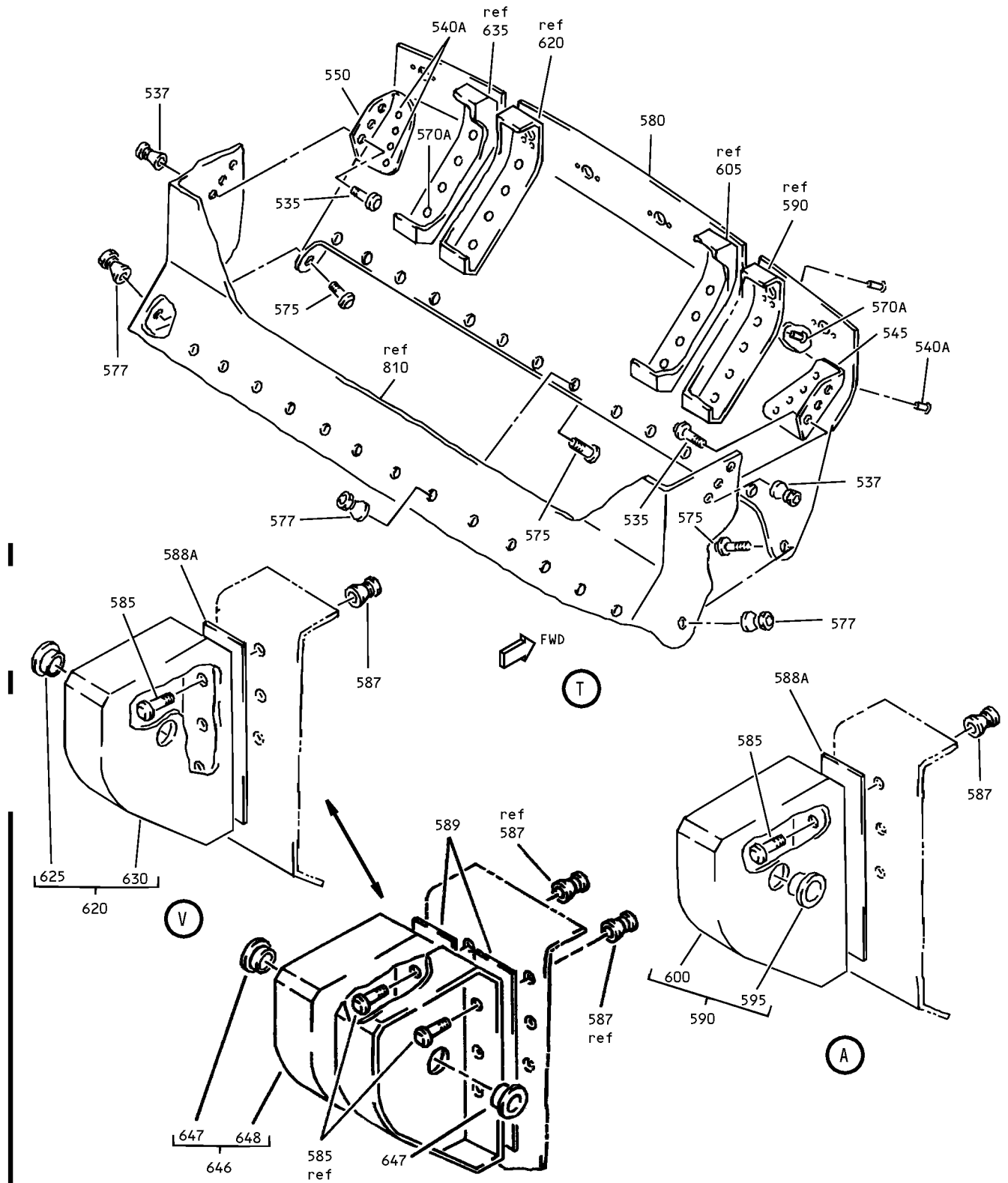


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 Figure 1 (Sheet 6)

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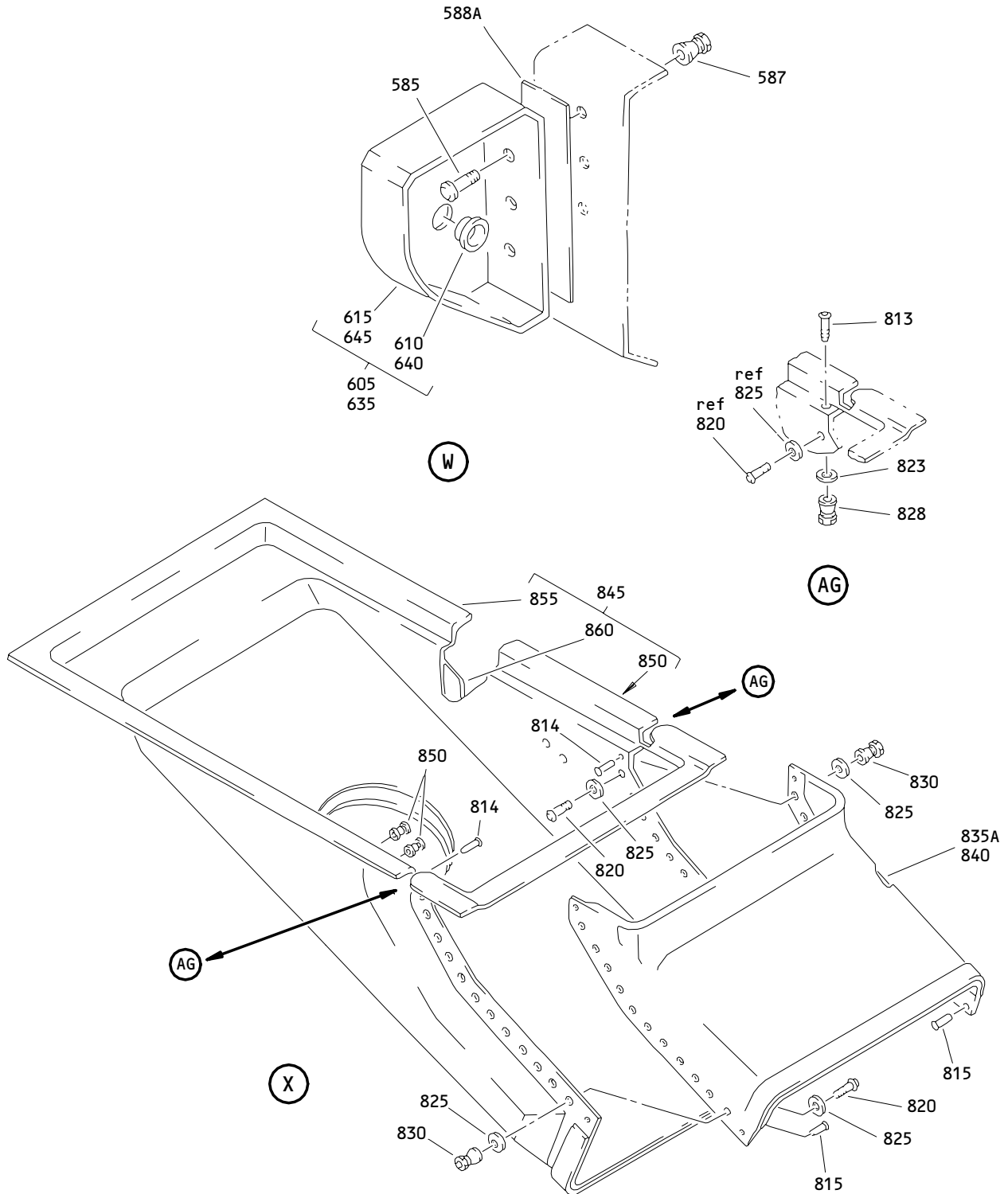
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Auxiliary Power System Intake Port and Door Assembly
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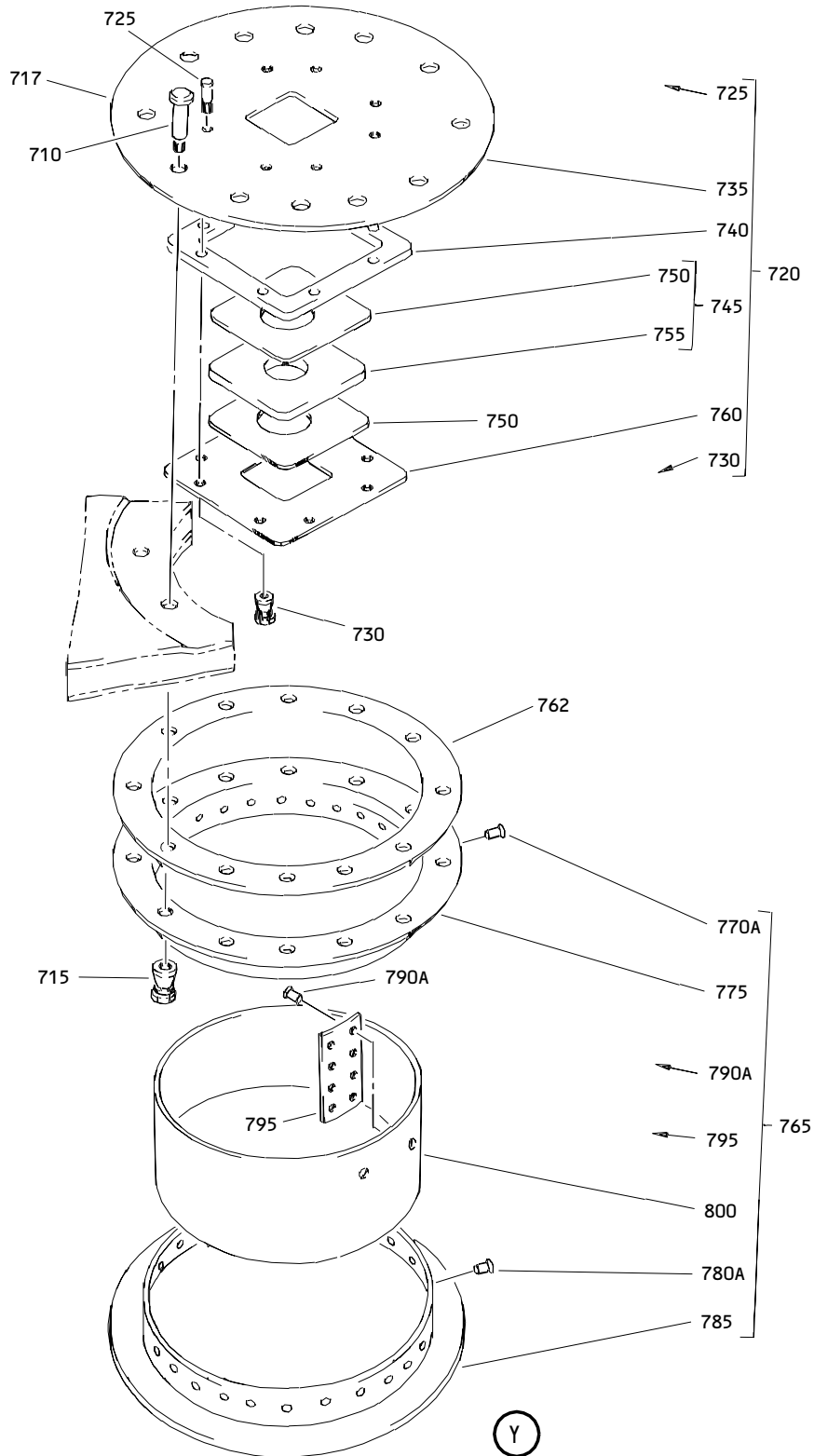
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**COMPONENT
MAINTENANCE MANUAL**
**APU
INLET DOOR ACTUATOR
MANUAL OPERATION**
TO OPEN DOOR

1. DISCONNECT ELECTRICAL CONNECTOR AT CONTAINER.
2. ROTATE TRANSFER FLAG SOCKET COUNTERCLOCKWISE 103°. THIS UNCOVERS MANUAL DRIVE SOCKET AND PUTS ACTUATOR IN MANUAL MODE.
-DO NOT EXCEED 10 IN-LBS OF TORQUE-
3. ROTATE MANUAL DRIVE SOCKET COUNTERCLOCKWISE UNTIL A SHARP TORQUE RISE IS FELT - DO NOT EXCEED 65 IN-LBS OF TORQUE - DOOR IS NOW OPEN

TO CLOSE INLET DOOR

PERFORM ITEMS ABOVE IN REVERSE ORDER.

CAUTION

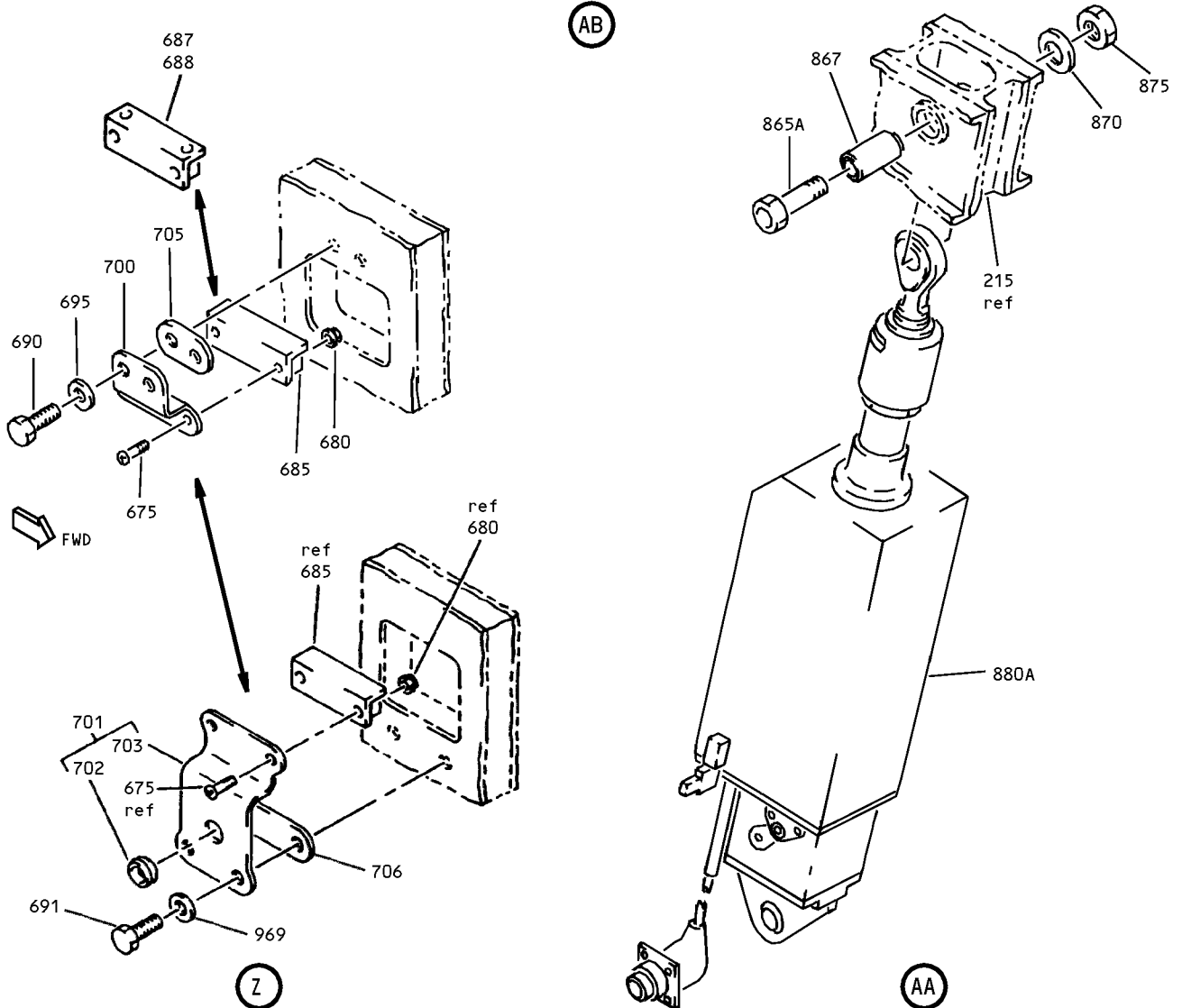
IF NOTED TORQUE LIMITS ARE EXCEEDED, DAMAGE TO TRANSFER FLAG OR INTERNAL DAMAGE TO ACTUATOR MAY RESULT.

 MANUAL DRIVE
SOCKET

TRANSFER FLAG

 TRANSFER FLAG
SOCKET

862A

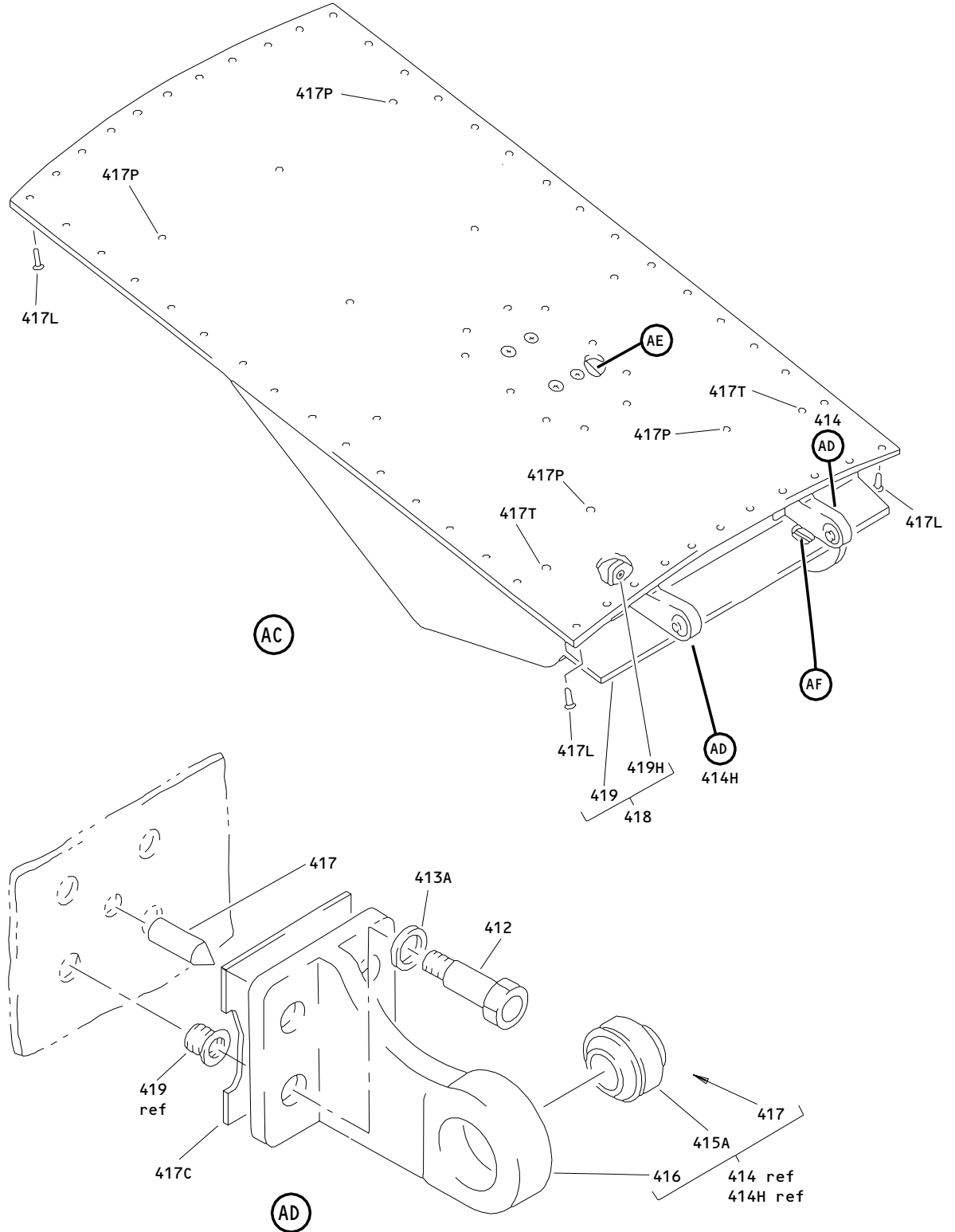

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Figure 1 (Sheet 10)**
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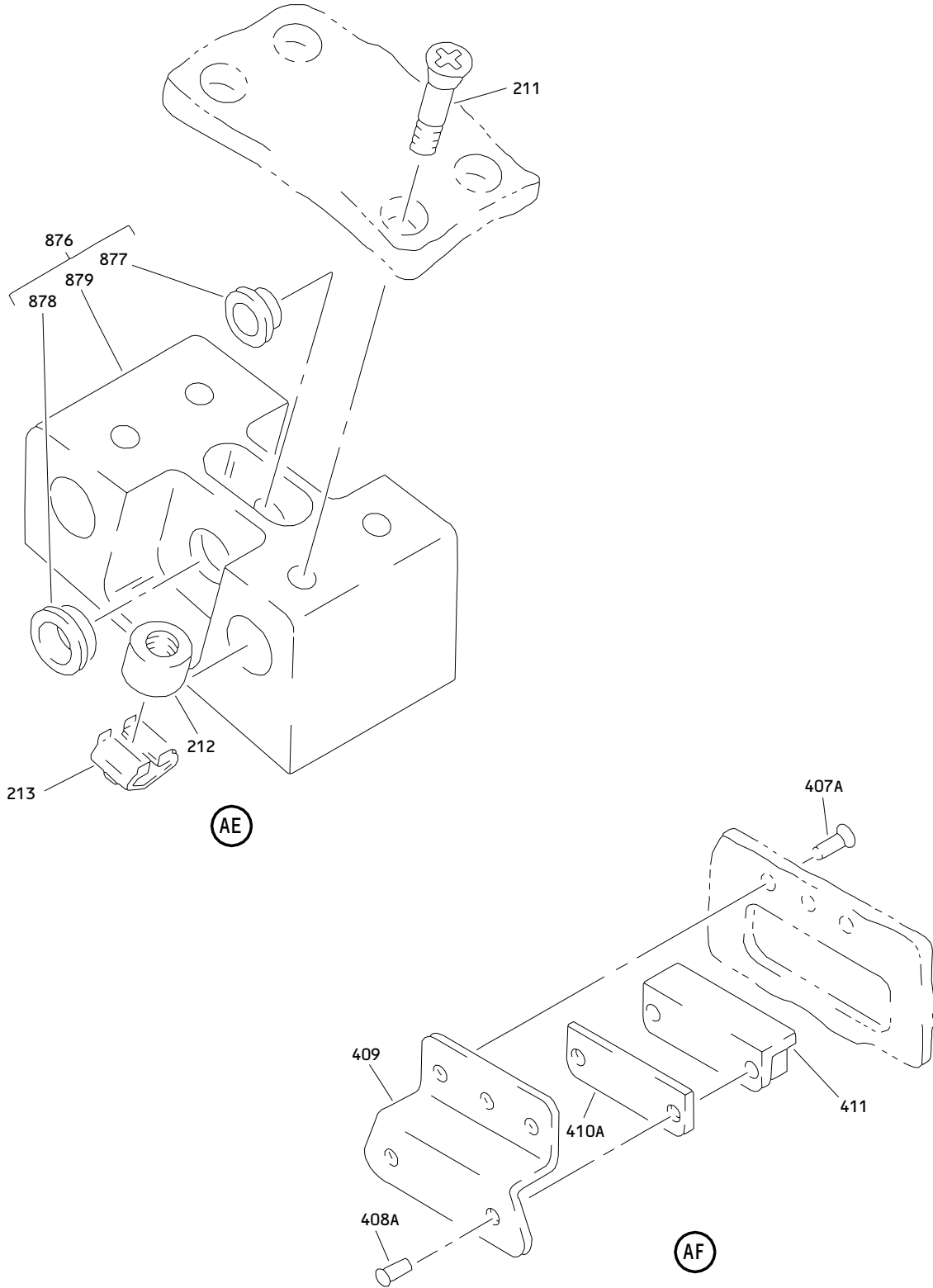
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Auxiliary Power System Intake Port and Door Assembly
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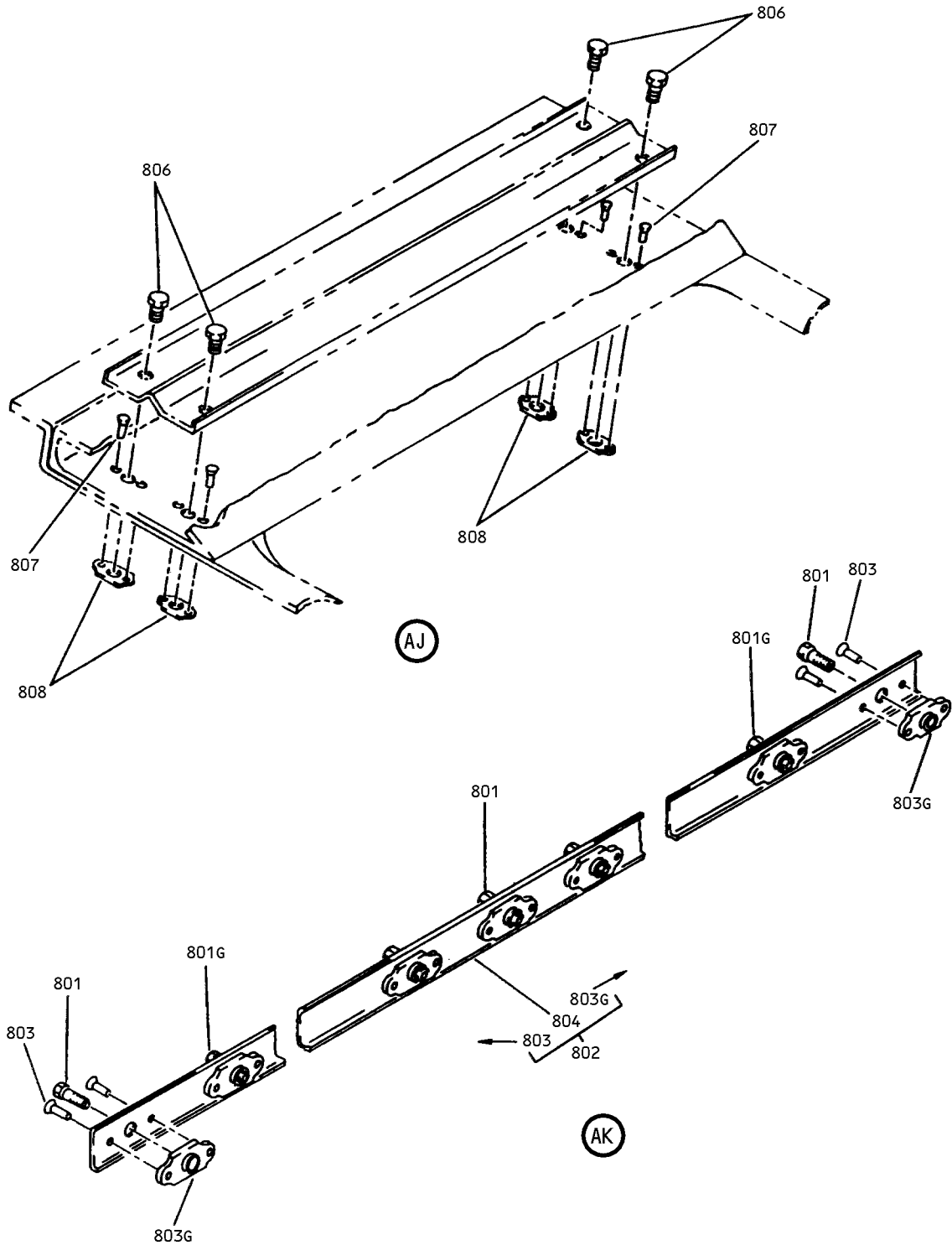
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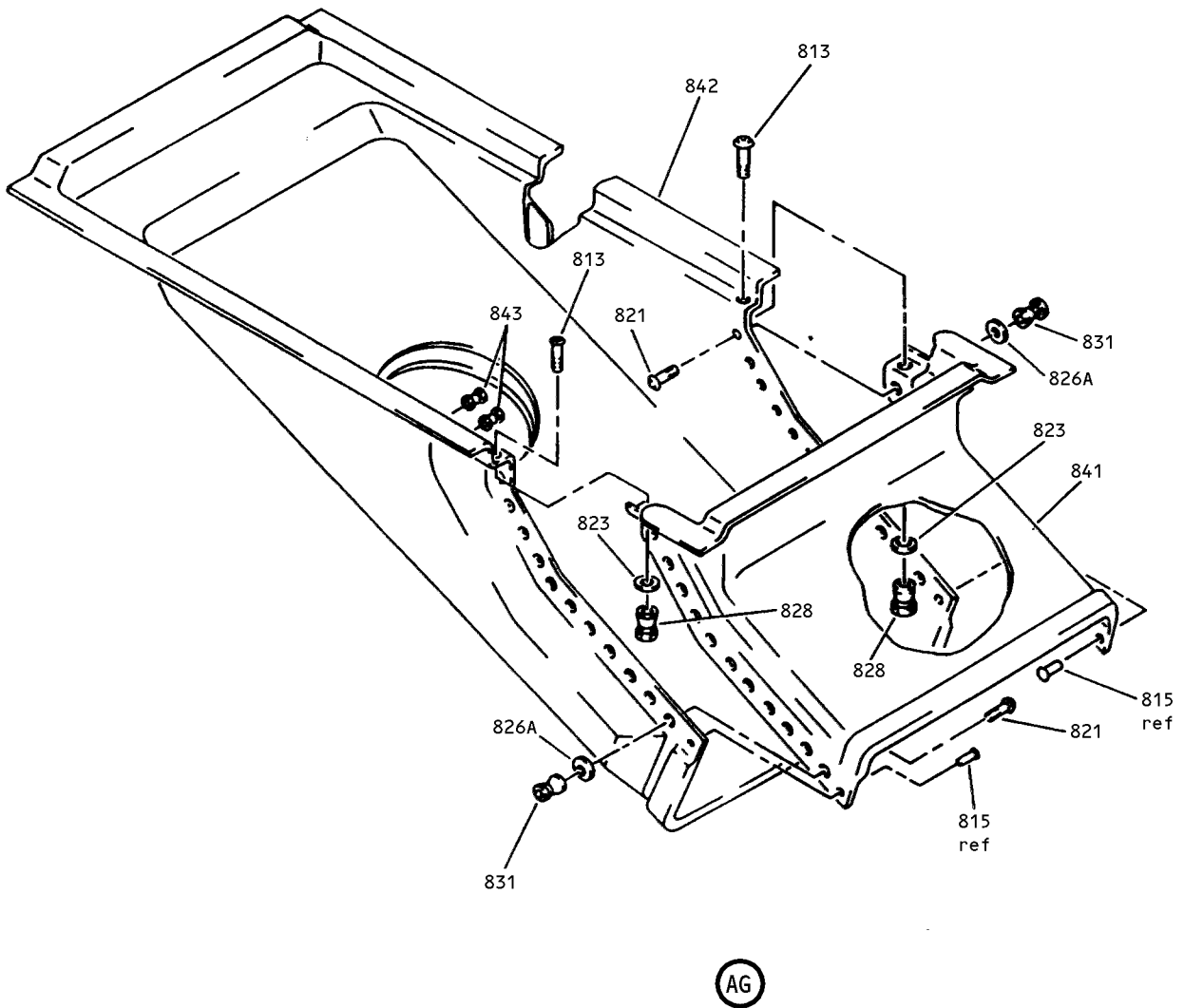
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -1	353T0100-3		PORT AND DOOR ASSY-AUX PWR SYS INTAKE	A	RF
-1A	353T0100-4		PORT AND DOOR ASSY-AUX PWR SYS INTAKE	B	RF
-1B	353T0100-6		PORT AND DOOR ASSY-AUX PWR SYS INTAKE	C	RF
-1C	353T0100-9		PORT AND DOOR ASSY-AUX PWR SYS INTAKE	D	RF
-1D	353T0100-11		PORT AND DOOR ASSY-AUX PWR SYS INTAKE	E	RF
-1E	353T0100-12		PORT AND DOOR ASSY-AUX PWR SYS INTAKE	F	RF
-1F	353T0100-13		PORT AND DOOR ASSY-AUX PWR SYS INTAKE	G	RF
-1G	353T0100-14		PORT AND DOOR ASSY-AUX PWR SYS INTAKE	H	RF
-1H	353T0100-15		PORT AND DOOR ASSY-AUX PWR SYS INTAKE	J	RF
-1J	353T0100-19		PORT AND DOOR ASSY-AUX PWR SYS INTAKE	K	RF
10	NAS563-25		.BOLT	A-J	2
-10A	NAS6703D7		.BOLT	K	2
15	AN960D10L		.WASHER	A-J	4
-15A	NAS1149D0316H		.WASHER	K	4
20	H10-3BAC		.NUT- (V15653) (SPEC BACN10JC3) (OPT NS202101-02 (V80539)) (OPT RMLH9075-3W (V72962)) (OPT T6S1032J (V71087)) (OPT VN303A02 (V92215)) (OPT 96-02 (V80539)) (OPT BRH10A3 (V52828))	A,B,D	2
-20A	MS21042L3		.NUT	C,E-J	2
-20B	H52732-3CD		.NUT- (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))	K	2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
25	353T0151-2		.SPACER		1
27	353T0151-1		.SPACER		1
30	740D10-28		.JUMPER- (V91812) (SPEC BACJ40D10-28)		2
35	BACS12BF04C5		DELETED		
35A	BACS12BE04C5		.SCREW	A-J	4
-35B	BACS12CK04-5		.SCREW	K	4
40	AN960PD4		DELETED		
-40A	AN960JD4		DELETED		
40B	NAS1149DN432J		.WASHER		4
45	H10-04BAC		DELETED		
45A	MS21042L04		.NUT	C,E-J	4
-45B	H52732-04CD		.NUT- (V15653) (SPEC BACN10YR04CD) (OPT BH00312-04 (V27238)) (OPT BRH30C04 (V52828)) (OPT LH3858-40 (V72962)) (OPT T6113C440 (V11815)) (OPT 80724-440 (V56878)) (OPT PLH504CD (V62554))	A,B,D K	4
50	4566-800		.CLAMP- (V00624)		1
55	NAS509-6		.NUT	A-J	1
-55A	NAS509-6C		.NUT	K	1
60	NAS1423-12		.NUT	A-J	1
-60A	NAS1423C12		.NUT	K	1
65	AN960C1216L		.WASHER	A-J	1
-65A	NAS1149E1232P		.WASHER	K	1
70	353T0150-1		.NUT		1
75	353T0107-4		.CONTAINER ASSY-LWR		1
80A	BACR15BB4D		DELETED		
85	BAC27TAP0001		DELETED		
90B	BACR15BA4D		..RIVET- (SIZE DETERMINE ON INST)		2
95	69B98809-3		..CHANNEL		1
100A	BACR15BB4D		..RIVET- (SIZE DETERMINE ON INST)		24

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
103	353T0107-6		..SHIM		AR
105	NK1005158-10		..FLANGE- (V98625)		1
107A	BACR15BB4D		..RIVET- (SIZE DETERMINE ON INST)		9
110	353T0107-3		..DOUBLER		1
115	353T0107-5		..CONTAINER		1
120	353T0151-1		DELETED		
125	NAS563-15		.BOLT	A-J	2
130	AN960D10L		.WASHER	A-J	2
135	H10-3BAC		.NUT- (V15653) (SPEC BACN10JC3) (OPT NS202101-02 (V80539)) (OPT RMLH9075-3W (V72962)) (OPT T6S1032J (V71087)) (OPT VN303A02 (V92215)) (OPT 96-02 (V80539)) (OPT BRH10A3 (V52828))	A,B,D	2
-135A	MS21042L3		.NUT	C,E-J	2
140	740D10-16		.JUMPER- (V91812) (SPEC BACJ40D10-16)		2
145	NAS6705-11		.BOLT		1
150	NAS1805-5		.NUT	A,B,D	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
-150A	NAS1805-5L		.NUT	C,E-K	1
155	AN960-516L		.WASHER	A-J	2
-155A	NAS1149E0532P		.WASHER	K	2
160	353T0103-3		.FITTING ASSY-FORK		1
165	BACB28X5E006		..BUSHING		2
170	353T0103-4		..FITTING-FORK		1
175	NAS6705-14		.BOLT		1
180	AN960-516		.WASHER	A,B,D	1
-180A	BACW10BP5AP		.WASHER	C,E-J	1
-180B	BACW10BP5DP		.WASHER	K	1
185	NAS1805-5		.NUT	A,B,D	1
-185A	NAS1805-5L		.NUT	C,E-K	1
190	BACB28AK05-030		.BUSHING		1
195	MS24665-134		.PIN-COTTER	A-J	1
-195A	BACP18BC02C06P		.PIN-COTTER	K	1
200	BACB30PW5D15		.BOLT		1
205	AN960-416		.WASHER	A-J	1
-205A	NAS1149E0432P		.WASHER	K	1
210	BACN10JD4		.NUT	A-J	1
-210A	BACN10JD4CD		.NUT	K	1
211	BACB30LH4-10		.BOLT	C,E-J	4
212	NAS577B4A		.NUT	C,E-J	4
-212A	BACN10ZC4CD		.NUT	K	4
213	NAS578-4A		.RETAINER	C,E-J	4
-213A	BACR10AL4AC		.RETAINER	K	4
215	353T0109-1		.DOOR ASSY- (FOR SPARES USE 353T0109-10 DOOR ASSY PLUS (1) 353T0102-6 FTG ASSY WITH (1) NAS6705-15 BOLT, (1) NAS1805-5L NUT, (1) BACW10BP5AP WASHER, (4) BACB30LH4-10 BOLT, (4) NAS577B4A BARREL NUT, (4) NAS578-4A RETAINER, PLUS (2) 353T0104-13 HINGE WITH (8) BACB30NM3K4 BOLT, (8) BACW10NB3AC WASHER, (1) 353T0153-1 SPACER, (20) BACB30NX6K20 HYL0K, (20) BACC30M6 COLLAR)	A,B,D	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-217	353T0109-5001		..DOOR ASSY-AIR INTAKE (REPLD BY ITEMS 217A, 217B)	A,B,D	1
-217A	353T0109-5002		..DOOR ASSY-AIR INTAKE (REPLS ITEM 217) (REPLD BY ITEM 217B)	A,B,D	1
-217B	353T0109-5003		..DOOR ASSY-AIR INTAKE (REPLS ITEMS 217, 217A)	A,B,D	1
220	353T0109-3		...PANEL ASSY-ACCESS	A,B,D	2
225	192-4-3		....SCREW- (V92215) (SPEC BACF34D4B3) (OPT 1920-4-3 (V80539))	A,B,D	8
230	1941-4		....RETAINER- (V80539) (SPEC BACF34D4R) (OPT 1941-4 (V92215))	A,B,D	8
235	BACR15BA3KE		....RIVET- (SIZE DETERMINE ON INST)	A,B,D	16
240	353T0116-11		....PANEL-COVER	A,B,D	1
245	BACF34D4R8-01		...RECEPTACLE ASSY	A,B,D	16
250	BACR15BA5KE		...RIVET- (SIZE DETERMINE ON INST)	A,B,D	92
252	BACR15BA5D		...RIVET- (SIZE DETERMINE ON INST)	A,B,D	8
255	NAS1739E5-4		...RIVET	A,B,D	34
260	NAS1739E5-3		...RIVET	A,B,D	26
265	NAS1739E5-2		...RIVET	A,B,D	78

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
270	353T0116-8		...SKIN-DOOR TOP	A,B,D	1
275	353T0116-2		...DOUBLER	A,B,D	1
280	353T0116-3		...DOUBLER	A,B,D	1
285	353T0112-1		...EDGE-LEADING	A,B,D	1
290	353T0111-2		...FILLER	A,B,D	1
295	353T0111-3		...FILLER	A,B,D	1
297	353T0116-9		...SKIN-DOOR BOTTOM	A,B,D	1
300	HL18PB5-3		...BOLT- (V56878) (SPEC BACB30FM5-3) (OPT HL18PB5-3 (V73197)) (OPT HL18PB5-3 (V92215)) (OPT HL18PB5-3 (V97928)) (OPT HL18PB5-3 (V80539)) (OPT WC22-5-3 (V60516)) (OPT 62550-5-3 (V56878)) (OPT HL18PB5-3 (V60516)) (OPT HL18PB5-3 (V08524))	A,B,D	8
303	HL70-5		...COLLAR- (V56878) (SPEC BACC30M5) (OPT HL70-5 (V73197)) (OPT HL70-5 (V92215)) (OPT 66014-5 (V56878))	A,B,D	8
305	353T0102-1		...FITTING ASSY-ACTUATOR	A,B,D	1
307	BACB28AP05P015		....BUSHING	A,B,D	1
308	BACB28X7C015	BUSHING	A,B,D	1
309	353T0102-2	FITTING	A,B,D	1
310A	NAS6703-7		...BOLT- (USED ON ITEM 217)	A,B,D	4

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -310B	NAS6703H7		...BOLT- (USED ON ITEM 217A)	A,B,D	4
311	AN960PD10L		...WASHER	A,B,D	4
312	BACR15BA3KE		...RIVET- (SIZE DETERMINE ON INST)	A,B,D	8
313A	BRM200A3		...NUTPLATE- (V52828) (SPEC BACN10JP3A) (OPT MK1000-3BAC (V15653)) (OPT NS103197-02 (V80539)) (OPT RMA9201M3 (V72962)) (OPT T8076S1032 (V11815)) (OPT VN202A1-02 (V92215))	A,B,D	4
315	353T0104-2		...FITTING ASSY-DOOR ANGLE	A,B,D	1
320	ADB5V301N		DELETED		
320A	ADB5V301NC		...BEARING- (V15860) (SPEC BACB10FB05GC) (OPT HTFB05VC (V50294)) (OPT KNDB5-70 (V97613)) (OPT KSC145700BZ5GC (V50632)) (OPT NRRS05FBGC (V73134)) (OPT HTFB05GC (VS0352))	A,B,D	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
325	353T0104-4		....FITTING-HINGE	A,B,D	1
330	BACR15FT6KE		...RIVET- (SIZE DETERMINE ON INST)	A,B,D	4
335	353T0115-1		...HINGE-BACKUP	A,B,D	1
340	BACR15FT5KE		...RIVET- (SIZE DETERMINE ON INST)	A,B,D	5
345	353T0115-63		...CHANNEL	A,B,D	1
350A	NAS6703-7		...BOLT- (USED ON ITEM 217)	A,B,D	4
-350B	NAS6703H7		...BOLT- (USED ON ITEM 217A)	A,B,D	4
351	AN960PD10L		...WASHER	A,B,D	4
352	BACR15BA3KE		...RIVET- (SIZE DETERMINE ON INST)	A,B,D	8
353A	BRM200A3		...NUTPLATE- (V52828) (SPEC BACN10JP3A) (OPT MK1000-3BAC (V15653)) (OPT NS103197-02 (V80539)) (OPT RMA9201M3 (V72962)) (OPT T8076S1032 (V11815)) (OPT VN202A1-02 (V92215))	A,B,D	4
355	353T0104-1		...FITTING ASSY-DOOR ANGLE	A,B,D	1
360	ADB5V301N		DELETED		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-360A	ADB5V301NC		....BEARING- (V15860) (SPEC BACB10FB05GC) (OPT HTFB05VC (V50294)) (OPT KNDB5-70 (V97613)) (OPT KSC145700BZ5GC (V50632)) (OPT NRRS05FBGC (V73134)) (OPT HTFB05GC (VS0352))	A,B,D	1
365	353T0104-3		....FITTING-HINGE	A,B,D	1
370	BACR15FT6KE		...RIVET- (SIZE DETERMINE ON INST)	A,B,D	4
375	353T0115-1		...HINGE-BACKUP	A,B,D	1
380	BACR15FT5KE		...RIVET- (SIZE DETERMINE ON INST)	A,B,D	5
385	353T0115-62		...CHANNEL	A,B,D	1
390	BACR15BA4KE		DELETED		
390A	BACR15BA4D		...RIVET- (SIZE DETERMINE ON INST)	A,B,D	3
395	353T0115-40		...BRACKET-ACTR	A,B,D	1
400	BACR15FT4KE		...RIVET- (SIZE DETERMINE ON INST)	A,B,D	2
405	8112-0401		...SENSOR-ACTR (V99564) (SPEC 60B40018-32) (OPT 71FR1 (91929))	C,E,F ,G,H	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -405A	71FR1		...SENSOR-ACTR (V91929) (SPEC 60B40018-32) (OPT 8112-0401 (99564))	C,E,F ,G,H	1
406	353T0109-4		DELETED		
407	BACR15BA4KE		DELETED		
407A	BACR15BA4AD		.RIVET- (SIZE DETERMINE ON INST)	C,E-J	3
408	BACR15FT4KE		DELETED		
408A	BACR15FT4AD		.RIVET- (SIZE DETERMINE ON INST)	C,E-J	2
409	353T0115-40		.BRACKET-ACTR	C,E,F	1
-409A	353T0115-75		DELETED		
-409B	353T0115-75		.BRACKET-ACTR	G-J	1
410	BACS40R5E17F		DELETED		
410A	BACS40R005E016F		.SHIM	C,E-J	1
411	8112-0401		.SENSOR-ACTR (V99564) (SPEC 60B40018-32) (OPT 71FR1 (V91929))	C,E-J	1
412	BACB30NM3K4		.BOLT	C,E-K	8
413	BACW10BN5AC		DELETED		
413A	BACW10BN3AC		.WASHER	C,E-K	8
414	353T0104-11		.FITTING ASSY-HINGE (OPT ITEM 414A)	C,E-H	1
-414A	353T0104-13		.FITTING ASSY-HINGE (OPT ITEM 414)	C,E-H	1
-414B	353T0104-13		.FITTING ASSY-HINGE	J	1
-414C	353T0104-15		.FITTING ASSY-HINGE	K	1
414H	353T0104-13		.FITTING ASSY-HINGE	C,E-J	1
-414J	353T0104-15		.FITTING ASSY-HINGE	K	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- 415 415A	ADB5V301N ADB5V301NC		DELETED ..BEARING- (V15860) (SPEC BACB10FB05GC) (OPT HTFB05VC (V50294)) (OPT KNDB5-70 (V97613)) (OPT KSC145700BZ5GC (V50632)) (OPT NRRS05FBGC (V73134)) (OPT HTFB05GC (VS0352)) (USED ON ITEM 414)	C,E-J	1
-415B -415C	ADB5V301NC ADB5V301N		DELETED ..BEARING- (V15860) (SPEC BACB10FB05G) (OPT HTFB05V (V50294)) (OPT KNDB5-62 (V97613)) (OPT KSC145700BZG5 (V50632)) (OPT NRRS05FBG (V73134)) (OPT WES05G (V73134)) (USED ON ITEMS 414A, 414B, 414H)	C,E-J	1
-415D	ADB5V301NC		...BEARING- (V15860) (SPEC BACB10FB05GC) (OPT HTFB05VC (V50294)) (OPT KNDB5-70 (V97613)) (OPT KSC145700BZ5GC (V50632)) (OPT NRRS05FBGC (V73134)) (OPT WES05GC (V73134))	K	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-416	353T0104-12		..HINGE-FITTING (USED ON ITEM 414)	C,E-J	1
-416A	353T0104-14		..HINGE-FITTING (USED ON ITEMS 414A, 414B, 414H)	C,E-J	1
-416B	353T0104-16		..HINGE-FITTING	K	1
417	NAS607-4-4P		..PIN- (USED ON ITEM 414)	C,E-J	1
-417A	NAS607-4-4P		..PIN- (USED ON ITEMS 414A, 414B, 414H)	C,E-J	1
-417B	NAS607-4-4P		..PIN	K	1
417C	353T0122-1		.SHIM	C,E-K	AR
-417F	353T0109-10		.DOOR ASSY-AIR INTAKE (FOR SPARES USE 353T0109-10 DOOR ASSY PLUS (1) 353T0102-6 FTG ASSY WITH (1) NAS6705-15 BOLT, (1) NAS1805-5L NUT, (1) BACW10BP5AP WASHER, (4) BACB30LH4-10 BOLT, (4) NAS577B4A BARREL NUT, (4) NAS578-4A RETAINER, PLUS (2) 353T0104-13 HINGE WITH (8) BACB30NM3K4 BOLT, (8) BACW10NB3AC WASHER, (1) 353T0153-1 SPACER, (20) BACB30NX6K20 HYLOK, (20) BACC30M6 COLLAR)	E-J	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- 417G -417H	353T0109-9 353T0109-8		DELETED .DOOR ASSY-AIR INTAKE (FOR SPARES USE 353T0109-10 DOOR ASSY PLUS (1) 353T0102-6 FTG ASSY WITH (1) NAS6705-15 BOLT, (1) NAS1805-5L NUT, (1) BACW10BP5AP WASHER, (4) BACB30LH4-10 BOLT, (4) NAS577B4A BARREL NUT, (4) NAS578-4A RETAINER, PLUS (2) 353T0104-13 HINGE WITH (8) BACB30NM3K4 BOLT, (8) BACW10NB3AC WASHER, (1) 353T0153-1 SPACER, (20) BACB30NX6K20 HYL0K, (20) BACC30M6 COLLAR)	C	1
417J -417K 417L	BACR15BA4AD 353T0109-12 BACR15BA4AD		DELETED .DOOR ASSY ..RIVET- (SIZE DETERMINE ON INST)	K C,E-K	1 50
417M 417N 417P 417S 417T	NAS1399D4 NAS1399D4-2 NAS1399D4-3 353T0109-5 NAS1399D4-4		DELETED DELETED ..RIVET DELETED ..RIVET	C,E-K C,E-K	20 2
418 -418A -418B -418C	353T0119-1 353T0119-4 353T0119-6 353T0119-8		..DOOR ASSY DELETED DELETED ..DOOR ASSY	C C E-J	1 1 1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
-418D	353T0119-10		..DOOR ASSY	K	1
419	NAS1395-3L		...INSERT	C,E-K	8
419H	353T0119-3		...DOOR	C	1
-419J	353T0119-9		...DOOR	E-J	1
-419K	353T0119-11		...DOOR	K	1
420	353T0106-1		.PORT ASSY	A	1
-420A	353T0106-3		.PORT ASSY	B	1
-420B	353T0106-5		.PORT ASSY	C,D	1
-420C	353T0106-7		.PORT ASSY	E	1
-420D	353T0106-8		.PORT ASSY	F,G	1
-420E	353T0106-9		.PORT ASSY	H	1
-420F	353T0106-9		DELETED		
-420G	353T0106-11		.PORT ASSY	J	1
-420H	353T0106-12		.PORT ASSY	K	1
425	353T0115-61		..FAIRING-SIDE	C-H	1
425A	353T0115-67		..FAIRING-SIDE	C-H	1
430	BACB30LR3-3		..BOLT	A-J	5
-430A	BACB30LH3-3		..BOLT	K	5
435	BACB30LR3-4		..BOLT	A-J	8
-435A	BACB30LH3-4		..BOLT	K	8
440A	BACR15CE3KE		DELETED		
440B	AF5171-3-3		..RIVET- (V53551) (SPEC BACR15DR3-3) (OPT CCR264SS3-3 (V11815)) (OPT RV571A3-3 (V98996))	A-J	26
-440C	AF5171-3-4		..RIVET- (V53551) (SPEC BACR15DR3-4) (OPT CCR2643-4 (V11815)) (OPT RV571A3-4 (V98996))	K	26

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-445	NS103225-02		..NUTPLATE- (V80539) (SPEC BACN10KH3) (OPT RMF9209M3 (V72962)) (OPT F29779-3 (V15653))	A-J	12
-445A	102F9209M3		..NUTPLATE- (V72962) (SPEC BACN10KH3CD) (OPT FS1651-3 (V15653)) (OPT NS202496-02 (V80539))	K	12
450	F5000-3BAC		..NUTPLATE- (V15653) (SPEC BACN10JR3F) (OPT NS103203-02 (V80539)) (OPT RMF9201-3 (V72962)) (OPT T8091S1032 (V11815)) (OPT VN152A1-02 (V92215)) (OPT BRF200A3 (V52828))	A-J	1
-450A	BRF200C3D		..NUTPLATE- (V52828) (SPEC BACN10JR3CFD) (OPT K51602-3BAC (V15653)) (OPT NS202476-02 (V80539)) (OPT 102F9201-3 (V72962)) (OPT T8092C1032CD (V11815))	K	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
455	353T0116-1		..COVER		1
460	NAS6603H5		..BOLT	A-J	4
-460A	NAS6703H5		..BOLT	K	4
461	NAS6603H6		..BOLT	A-J	4
-461A	NAS6703H6		..BOLT	K	4
463	AN960PD10L		..WASHER	A-J	8
-463A	NAS1149D0316J		..WASHER	K	8
465A	BACR15CE3KE		DELETED		
465B	AF5171-3-3		..RIVET-		16
			(V53551)		
			(SPEC BACR15DR3-3)		
			(OPT CCR264SS3-3		
			(V11815))		
			(OPT RV571A3-3		
			(V98996))		
470	F5000-3BAC		..NUTPLATE-	A-J	4
			(V15653)		
			(SPEC BACN10JR3F)		
			(OPT NS103203-02		
			(V80539))		
			(OPT RMF9201-3		
			(V72962))		
			(OPT T8091S1032		
			(V11815))		
			(OPT VN152A1-02		
			(V92215))		
			(OPT BRF200A3		
			(V52828))		
-470A	BRF200C3D		..NUTPLATE-	K	4
			(V52828)		
			(SPEC BACN10JR3CFD)		
			(OPT K51602-3BAC		
			(V15653))		
			(OPT NS202476-02		
			(V80539))		
			(OPT 102F9201-3		
			(V72962))		
			(OPT T8092C1032CD		
			(V11815))		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-472	NS103225-02		..NUTPLATE- (V80539) (SPEC BACN10KH3) (OPT RMF9209M3 (V72962)) (OPT F29779-3 (V15653))	A-J	4
-472A	102F9209M3		..NUTPLATE- (V72962) (SPEC BACN10KH3CD) (OPT FS1651-3 (V15653)) (OPT NS202496-02 (V80539))	K	4
475	353T0115-35		..RETAINER-SEAL		1
480	353T0115-42		..SEAL- (MFD FROM EXTR RUBBER BAC1530-3 X 7.5)		1
485	NAS6603H6		DELETED		
490	AN960PD10L		DELETED		
495A	BACR1KCE3KE		DELETED		
495B	AF5171-3-3		DELETED		
500	NS103225-02		DELETED		
505	353T0115-36		..RETAINER-SEAL		1
510	353T0115-50		..SEAL- (MFD FROM EXTR RUBBER BAC1530-3 X 3.8)		1
515	353T0115-32		..RETAINER-SEAL		1
520	353T0115-49		..SEAL- (MFD FROM EXTR RUBBER BAC1530-3 X 3.8)		1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-525A	BACR15CE5KE		..RIVET- (SIZE DETERMINE ON INST)		8
530	353T0115-39		DELETED		
530A	353T0115-71		..ANGLE	A-E	1
-530B	353T0115-74		..ANGLE	F-J	1
-530C	353T0115-76		..ANGLE	K	1
535	HL10VAZ5-3		..BOLT- (V60516) (SPEC BACB30MY5K3) (OPT HL10VAZ5-3 (VOPTK6))	A-J	6
-535A	HST10AG5-3		..BOLT- (VOPTK6) (SPEC BACB30VT5K3) (OPT HST10AG5-3 (V06725)) (OPT HST10AG5-3 (V56878)) (OPT HST10AG5-3 (V73197))	K	6
537	HL97DU5		..COLLAR- (V73197) (SPEC BACC30AB5S) (OPT HL97DU5 (V92215)) (OPT HL97DU5 (V56878))	A-J	6
-537A	HST1094DU5		..COLLAR- (V73197) (SPEC BACC30BS5S)	K	6
540A	BACR15CE5KE		..RIVET- (SIZE DETERMINE ON INST)		8
545	353T0116-5		..ANGLE		1
550	353T0116-6		..ANGLE		1
555	HL10VAZ5-3		..BOLT- (V60516) (SPEC BACB30MY5K3) (OPT HL10VAZ5-3 (VOPTK6))	A-J	6

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -555A	HST10AG5-3		..BOLT- (V0PTK6) (SPEC BACB30VT5K3) (OPT HST10AG5-3 (V06725)) (OPT HST10AG5-3 (V56878)) (OPT HST10AG5-3 (V73197))	K	6
557	HL97DU5		..COLLAR- (V73197) (SPEC BACC30AB5S) (OPT HL97DU5 (V92215)) (OPT HL97DU5 (V56878))	A-J	6
-557A	HST1094DU5		..COLLAR- (V73197) (SPEC BACC30BS5S)	K	6
560	353T0115-37		..FLANGE		1
565	353T0115-38		..FLANGE		1
570A	BACR15CE5KE		..RIVET- (SIZE DETERMINE ON INST)		16
575	HL11VAZ5-3		..BOLT- (V56878) (SPEC BACB30NW5K3) (OPT B30NW5K3 (V97928)) (OPT HL11VAZ5-3 (V73197)) (OPT HL11VAZ5-3 (V92215)) (OPT HL11VAZ5-3 (V97928)) (OPT L803-5K3 (V06725)) (OPT HL11VAZ5-3 (V0PTK6)) (OPT HL11VAZ5-3 (V60516))	A-J	15
-575A	BACB30YP5K3		..BOLT	K	15

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-577	HL97DU5		..COLLAR- (V73197) (SPEC BACC30AB5S) (OPT HL97DU5 (V92215)) (OPT HL97DU5 (V56878))	A-J	15
-577A	HST1094DU5		..COLLAR- (V73197) (SPEC BACC30BS5S)	K	15
580	353T0116-7		..FAIRING		1
585	HL10VAZ5-3		..BOLT- (V60516) (SPEC BACB30MY5K3) (OPT HL10VAZ5-3 (VOPTK6))	A-J	12
-585A	HST10AG5-3		..BOLT- (VOPTK6) (SPEC BACB30VT5K3) (OPT HST10AG5-3 (V06725)) (OPT HST10AG5-3 (V56878)) (OPT HST10AG5-3 (V73197))	K	12
587	HL97DU5		..COLLAR- (V73197) (SPEC BACC30AB5S) (OPT HL97DU5 (V92215)) (OPT HL97DU5 (V56878))	A-J	12
-587A	HST1094DU5		..COLLAR- (V73197) (SPEC BACC30BS5S)	K	12

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
588A	BACS40R095B25F		..SHIM		AR
589	BACS40R0095B025		..SHIM	K	AR
590	353T0101-1		..FITTING ASSY-HINGE	A-J	1
-590A	353T0101-19		..FITTING ASSY-HINGE	K	1
595	BACB28AP05P009		...BUSHING	A-J	1
-595A	BACB28X5C009		...BUSHING	K	1
600	353T0101-5		...FITTING		1
605	353T0101-2		..FITTING ASSY-HINGE		1
610	BACB28X7C009		...BUSHING		1
615	353T0101-6		...FITTING		1
620	353T0101-3		..FITTING ASSY-HINGE	A-J	1
625	BACB28AP05P009		...BUSHING	A-J	1
630	353T0101-7		...FITTING	A-J	1
635	353T0101-4		..FITTING ASSY-HINGE	A-J	1
640	BACB28AP05P009		...BUSHING	A-J	1
645	353T0101-8		...FITTING	A-J	1
646	353T0101-17		..FITTING ASSY-HINGE	K	1
647	BACB28X5C009		...BUSHING	K	2
648	353T0101-18		...FITTING	K	1
650	353T0116-10		..FAIRING-FRONT	C-H	1
655	353T0110-1		..SEAL ASSY-DOOR	A,B	1
-655A	353T0110-10		..SEAL ASSY-DOOR	C-K	1
660	353T0110-4		...COVERING-SEAL		1
665	353T0110-3		...REINFORCEMENT-SEAL		1
670	353T0110-2		...SEAL	A,B	1
-670A	353T0110-11		...SEAL	C-K	1
675	NAS600-5		..SCREW	A-J	2
680	H10-04BAC		..NUT-	A-J	2
			(V15653)		
			(SPEC BACN10JC04)		
			(OPT NS202101-40		
			(V80539))		
			(OPT RMLH9075-40W		
			(V72962))		
			(OPT T6S440J		
			(V11815))		
			(OPT VN303A40		
			(V92215))		
			(OPT 96-40		
			(V80539))		
			(OPT BRH10A04		
			(V52828))		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-685	8102-0401		..SENSOR- (V99564) (SPEC 60B40018-42) (OPT ITEM 685B)	A-H	1
-685A	60B40018-43		DELETED		
-685B	8102-0402		..SENSOR- (V99564) (SPEC 60B40018-43) (OPT ITEM 685)	A-H	1
687	353T0106-13		..KIT ASSY-SUB (OPT ITEM 687A)	J	1
-687A	353T0106-14		..KIT ASSY-SUB (OPT ITEM 687)	J	1
688	8102-0401		...SENSOR- (V99564) (SPEC 60B40018-42) (OPT ITEM 688A)	J	1
-688A	8102-0402		...SENSOR- (V99564) (SPEC 60B40018-43) (OPT ITEM 688)	J	1
690	NAS563C11		DELETED		
690A	NAS1801-3-5		..SCREW- (USED WITH ITEMS 700, 700A)	A-G	2
691	NAS1801-3-5		..SCREW- (USED WITH ITEMS 701, 701A)	C-J	2
695	AN960PD10L		..WASHER- (USED WITH ITEMS 700, 700A)	A-G	2
696	AN960PD10L		..WASHER- (USED WITH ITEMS 701, 701A)	C-J	2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-700	353T0115-41		..BRACKET-SENSOR	A,B	1
-700A	353T0115-41		..BRACKET-SENSOR (ITEM 811 TOGETHER WITH ITEM 701 AND ITEM 706 OPT ITEM 810B TOGETHER WITH ITEM 700A AND ITEM 705A)	C-G	1
-700B	353T0115-72		DELETED		
701	353T0115-72		..BRACKET ASSY-SENSOR (ITEM 811 TOGETHER WITH ITEM 701 AND ITEM 706 OPT ITEM 810B TOGETHER WITH ITEM 700A AND ITEM 705A)	C-G	1
-701A	353T0115-72		..BRACKET ASSY-SENSOR	H,J	1
702	BACG20AF2B2		...GROMMET- (V07096) (SPEC BACG20AF2B2) (OPT BACG20AF2B2 (V74867)) (OPT BACG20AF2B2 (V75345)) (OPT BACG20AF2B2 (V95272)) (OPT G6940-2B2 (V75345)) (OPT SZ6924-2B2 (V95272)) (OPT 701-2B2 (V07096)) (OPT E2B2 (V60980)) (OPT H2B2 (V60980))	C-J	1
703	353T0115-73		...BRACKET	C-J	1
705	BACS40R08C16F		..SHIM	A,B	1
-705A	BACS40R08C016F		..SHIM- (ITEM 811 TOGETHER WITH ITEM 701 AND ITEM 706 OPT ITEM 810B TOGETHER WITH ITEM 700A AND ITEM 705A)	C-G	1
-705B	BACS40R08C021F		DELETED		
-705C	BACS40R08C016F		DELETED		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-706	BACS40R08C021F		..SHIM- (ITEM 811 TOGETHER WITH ITEM 701 AND ITEM 706 OPT ITEM 810B TOGETHER WITH ITEM 700A AND ITEM 705A)	C-G	1
-706A	BACS40R08C021F		..SHIM	E,F,H J	1
710	HL12VAZ6-18		..BOLT- (V56878) (SPEC BACB30NX6K18) (OPT HL12VAZ6-18 (V73197)) (OPT HL12VAZ6-18 (V92215)) (OPT HL12VAZ6-18 (V97928)) (OPT L802-6K18 (V06725)) (OPT HL12-18 (V06725)) (OPT HL12VAZ6-18 (V97928))	A-D	12
-710A	HL12VAZ6-20		..BOLT- (V56878) (SPEC BACB30NX6K20) (OPT HL12VAZ6-20 (V73197)) (OPT HL12VAZ6-20 (V92215)) (OPT HL12VAZ6-20 (V97928)) (OPT L802-6K20 (V06725)) (OPT HL12-20 (V06725)) (OPT HL12VAZ6-20 (V97928))	E-K	12

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01-715	HL79-6		..COLLAR- (V56878) (SPEC BACC30M6) (OPT HL79-6 (V73197)) (OPT HL79-6 (V92215)) (OPT 66014-6 (V56878))	A-J	12
R -715A	HST79CY6		..COLLAR- (V73197) (SPEC BACC30BL6) (OPT HST79-6 (V92215)) (OPT HST79CY6 (V56878)) (OPT HST79CY6 (V5M902))	K	12
717	353T0118-5		..PLATE	J	1
-717A	353T0118-6		..PLATE	K	1
720	353T0117-1		..SEAL ASSY	A-H	1
725	HL23-6-6		...BOLT- (V73197) (SPEC BACB30HA6-6) (OPT HL236-6 (V92215)) (OPT HL23-6-6 (V60516))	A-H	8
730	HL77-6		...COLLAR- (V56878) (SPEC BACC30P6) (OPT HL77-6 (V73197)) (OPT HL77-6 (V92215)) (OPT 66015-6 (V56878)) (OPT HL77-6 (V5M902))	A-H	8
735	353T0118-1		...PLATE	A-H	1
740	353T0118-2		...SPACER	A-H	1
745	353T0117-2		...SEAL ASSY	A-H	1
750	353T0117-4	WASHER	A-H	2
755	353T0117-3	SPACER-RUBBER	A-H	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
760	353T0118-3		...RETAINER-SEAL	A-H	1
762	353T0153-1		..SPACER	E-K	1
765	353T0108-1		..CONTAINER ASSY-UPR		1
770A	BACR15BB4D		...RIVET- (SIZE DETERMINE ON INST)		23
775	353T0108-3		...FLANGE		1
780A	BACR15BB4D		...RIVET- (SIZE DETERMINE ON INST)		23
785	NK1005158-10		...FLANGE- (V98625)		1
790A	BACR15BB4D		...RIVET- (SIZE DETERMINE ON INST)		8
795	353T0108-4		...STRAP-SPLICE		1
800	353T0108-2		...CONTAINER		1
801	BACB30LH3U2		..BOLT	C-K	6
801G	NAS1801-3-9		DELETED		
801H	NAS1802-3-9		..SCREW	C-K	8
802	353T0120-1		..CHANNEL ASSY	C-K	2
R 803	AF5141-3-1		...RIVET- (V53551) (SPEC BACR15DR3A1) (OPT RV541A3-1 (V98996)) (OPT CCR264CS3-1TT (V11815))	C-K	14
803G	BRFM20C3M		...NUTPLATE- (V52828) (SPEC BACN10JN3CM) (OPT MF1001-3BAC (V15653)) (OPT NS103218SE02 (V80539)) (OPT VN252D02 (V92215)) (OPT 109F9201M3 (V72962)) (OPT T8125C3C (V11815)) (OPT 109F9201M3 (V72962)) (OPT MF53050-3DL (V15653))	C-K	7

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
804	353T0121-1		...CHANNEL	C-K	1
805	353T0106-2		..SEAL-DUCT	A-G	1
-805A	353T0106-10		..SEAL-DUCT	H-K	1
805K	353T0123-1		..SEAL-PORT EXIT	H-K	2
806	NAS1801-3-9		DELETED		
806G	NAS1802-3-9		..SCREW	C-K	4
807	MS20426A3		..RIVET-	C-K	8
			(SIZE DETERMINE ON INST)		
			(NHA 353T0106)		
808	BRFM20C3M		..NUTPLATE-	C-K	4
			(V52828)		
			(SPEC BACN10JN3CM)		
			(OPT MF1001-3BAC		
			(V15653))		
			(OPT NS103218SE02		
			(V80539))		
			(OPT VN252D02		
			(V92215))		
			(OPT 109F9201M3		
			(V72962))		
			(OPT T8125C3C		
			(V11815))		
			(OPT 109F9201M3		
			(V72962))		
			(OPT MF53050-3DL		
			(V15653))		
810	353T0114-1		..BOND ASSY-PORT	A	1
-810A	353T0114-12		..BOND ASSY-PORT	B	1
-810B	353T0114-12		..BOND ASSY-PORT	C-G	1
			(ITEM 811 TOGETHER WITH		
			ITEM 701 AND ITEM 706		
			OPT ITEM 810B TOGETHER		
			WITH ITEM 700A AND ITEM		
			705A)		
-810C	353T0114-19		DELETED		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-811	353T0114-19		..BOND ASSY-PORT (ITEM 811 TOGETHER WITH ITEM 701 AND ITEM 706 OPT ITEM 810B TOGETHER WITH ITEM 700A AND ITEM 705A)	C-G	1
-811A	353T0114-19		..BOND ASSY-PORT	H,J	1
-811B	353T0114-29		..BOND ASSY-PORT	K	1
813	HST11AG5-4		...BOLT- (V06725) (SPEC BACB30VU5K4) (OPT HST11AG5-4 (V73197)) (OPT HST11AG5-4 (V0PTK6)) (OPT HST11AG5-4 (V56878)) (USED ON ITEMS 811, 811A)	C-J	2
-813A	HL523AZ5-4		...BOLT- (V56878) (SPEC BACB30NZ5K4) (OPT L804-5K4 (V06725)) (OPT HL523AZ5-4 (V0PTK6)) (OPT HL523AZ5-4 (V60516)) (OPT HL523AZ5-4 (V56878)) (OPT HL523AZ5-4 (V73197)) (OPT HL523AZ5-4 (V97928)) (OPT HL523AZ5-4 (V06725)) (USED ON ITEMS 810A, 810B)	B-G	2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
814	BACR15GA6-4		...RIVET	A	2
815	BACR15GA6-4		...RIVET- (USED ON ITEMS 811, 811A, 811B)	C-K	2
-815A	BACR15GA6-6		...RIVET- (USED ON ITEMS 810A, 810B)	B-G	2
820	HL12VAZ6-5		...BOLT- (V56878) (SPEC BACB30NX6K5) (OPT HL12VAZ6-5 (V73197)) (OPT HL12VAZ6-5 (V92215)) (OPT HL12VAZ6-5 (V97928)) (OPT L802-6K5 (V06725)) (OPT HL12-5 (V06725)) (OPT HL12VAZ6-5 (V97928)) (USED ON ITEMS 810A, 810B)	B-G	22
821	HST10AG6-3		...BOLT- (VOPTK6) (SPEC BACB30VT6K3) (OPT HST10AG6-3 (V06725)) (OPT HST10AG6-3 (V56878)) (OPT HST10AG6-3 (V73197)) (USED ON ITEMS 811, 811A, 811B)	C-K	22

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-823	AN960C8L		...WASHER- (USED ON ITEMS 811, 811A)	C-J	2
825	AN960C10L		...WASHER- (USED ON ITEMS 810A, 810B)	B-G	44
826 826A	BACW10BP6NAPU BACW10BP6ACU		DELETED ...WASHER- (OPT ITEM 826B, 826C) (USED ON ITEMS 811, 811A)	C-J	22
-826B	BACW10BN6UC		...WASHER- (OPT ITEM 826A) (USED ON ITEMS 811, 811A)	C-J	22
-826C	AN960C10L		...WASHER- (OPT ITEM 826A) (USED ON ITEMS 811, 811A)	C-J	22
-826D	BACW10BP3ACU		...WASHER- (OPT ITEMS 826E, 826F)	K	22
-826E	BACW10BN3UC		...WASHER- (OPT ITEMS 826D, 826F)	K	22
-826F	NAS1149C0316R		...WASHER- (OPT ITEMS 826D, 826E)	K	22
828	HST1094KP5S		...COLLAR- (V73197) (SPEC BACC30BS5S) (OPT HST1094DU5S (V73197)) (USED ON ITEMS 811, 811A)	C-J	2
-828A	BACC30AG5A		...COLLAR- (USED ON ITEMS 810A, 810B)	B-G	2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-830	HL97DU6		...COLLAR- (V73197) (SPEC BACC30AB6S) (OPT HL97DU6 (V92215)) (OPT HL97DU6 (V56878)) (USED ON ITEMS 810A, 810B)	B-G	22
831	HST1094DU6		...COLLAR- (V73197) (SPEC BACC30BS6S) (USED ON ITEMS 811, 811A, 811B)	C-K	22
835A	353T0114-11		...BOND ASSY-PORT	A	1
-835B	353T0114-8		DELETED		
-835C	353T0114-18		...BOND ASSY-PORT (USED ON ITEMS 810A, 810B)	B-G	1
840	353T0114-9		....FILLER-UPR		1
842	353T0114-20		...BOND ASSY-PORT (USED ON ITEMS 811, 811A)	C-J	1
-842A	353T0114-28		...BOND ASSY-PORT	K	1
843	NAS1832-3-5		....INSERT	C-J	2
845	353T0114-6		...BOND ASSY-PORT	A	1
-845A	353T0114-13		...BOND ASSY-PORT (USED ON ITEMS 810A, 810B)	B-G	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
850	NAS1832-3-5		....INSERT	B-G	2
855	353T0114-10		....FILLER-LWR	A-G	1
860	353T0114-7		....CORE	A-G	1
862A	BAC27TAP0011		..DECAL-	A	1
			(REPLD BY ITEM 862B)		
862B	BAC27TAP0033		..DECAL-	A	1
			(REPLS ITEM 862A)		
-862C	BAC27TAP0033		..DECAL	B-K	1
863	353T0116-10		.FAIRING-SKIN, FRONT	J,K	1
864	353T0115-61		.FAIRING-SKIN, SIDE	J,K	1
864H	353T0115-67		.FAIRING-SKIN, SIDE	J,K	1
865A	NAS6705-16		.BOLT	A,B,D	1
-865B	NAS6705-15		.BOLT	C,E-K	1
867	BACB28Y5E034		.BUSHING	A,B,D	1
-867A	BACB28AK05-032		.BUSHING	C,E-K	1
870	AN960C516		.WASHER	A-J	1
-870A	BACW10BP5DP		.WASHER	K	1
875	NAS1805-5		.NUT	A,B,D	1
-875A	NAS1805-5L		.NUT	C,E-K	1
876	353T0102-6		.FITTING ASSY	C,E-J	1
-876A	353T0102-7		.FITTING ASSY	K	1
877	BACB28AP05P015		..BUSHING	C,E-K	1
878	BACB28X7M015		..BUSHING	C,E-J	1
-878A	BACB28AT07B015C		..BUSHING	K	1
879	353T0102-5		..FITTING	C,E-J	1
-879A	353T0102-8		..FITTING	K	1
880A	732-13870-01		.ACTUATOR ASSY-	A	1
			(REPLD BY ITEM 880B)		
			(VS4096)		
			(SPEC S353T010-1)		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -880B	732-13870-04		.ACTUATOR ASSY- (REPLS ITEM 880A) (VS4096) (SPEC S353T010-4)	A	1
-880C	732-13870-04		.ACTUATOR ASSY- (REPLD BY ITEM 880D) (VS4096) (SPEC S353T010-4)	B	1
-880D	732-13870-06		.ACTUATOR ASSY- (REPLS ITEM 880C) (VS4096) (SPEC S353T010-6) (OPT S353T010-6 (VS4096))	B	1
-880E	732-13870-06		.ACTUATOR ASSY- (VS4096) (SPEC S353T010-6) (OPT S353T010-6 (VS4096))	C-J	1
-880F	732-13870-13		.ACTUATOR ASSY- (VS4096)	K	1

- Item Not Illustrated

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