

 **BOEING**  
COMPONENT  
MAINTENANCE MANUAL

TO: ALL HOLDERS OF MAIN LANDING GEAR DOOR ASSEMBLY COMPONENT MAINTENANCE  
MANUAL 32-12-12

REVISION NO. 2 DATED NOV 01/02

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

Added door assemblies 149T6100-43, -44, -47, -48 with details for a better fit.

1

1002-1016,1047-1064

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Added clarifications and updated callouts.

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## MAIN LANDING GEAR DOOR ASSEMBLY

PART NUMBERS 149T6100-1,-2,-35,-36,-39,-40,-43,  
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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
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\*[1] Not Applicable.

\*[2] Special instructions are not required. Use standard industry practices and the instructions in SOPM 20-30-03.

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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 &<br>Service Bulletin Record | 6. Introduction              |
|  | 7. Procedures & IPL Sections |

Refer to the Table of Contents for the page location of applicable sections.

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:

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INTRODUCTION

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DESCRIPTION AND OPERATION

1. Description

A. The main landing gear door assembly includes a bonded assembly with honeycomb core, a center hinge beam assembly, a roller fitting assembly, forward and aft hinge fitting assemblies, a skid bracket assembly, a support fitting and serrated plates.

2. Operation

A. The door assembly covers the wheel well opening in the fuselage when the landing gear is in the extended or retracted position.

3. Leading Particulars (Approximate)

A. Length -- 115 inches

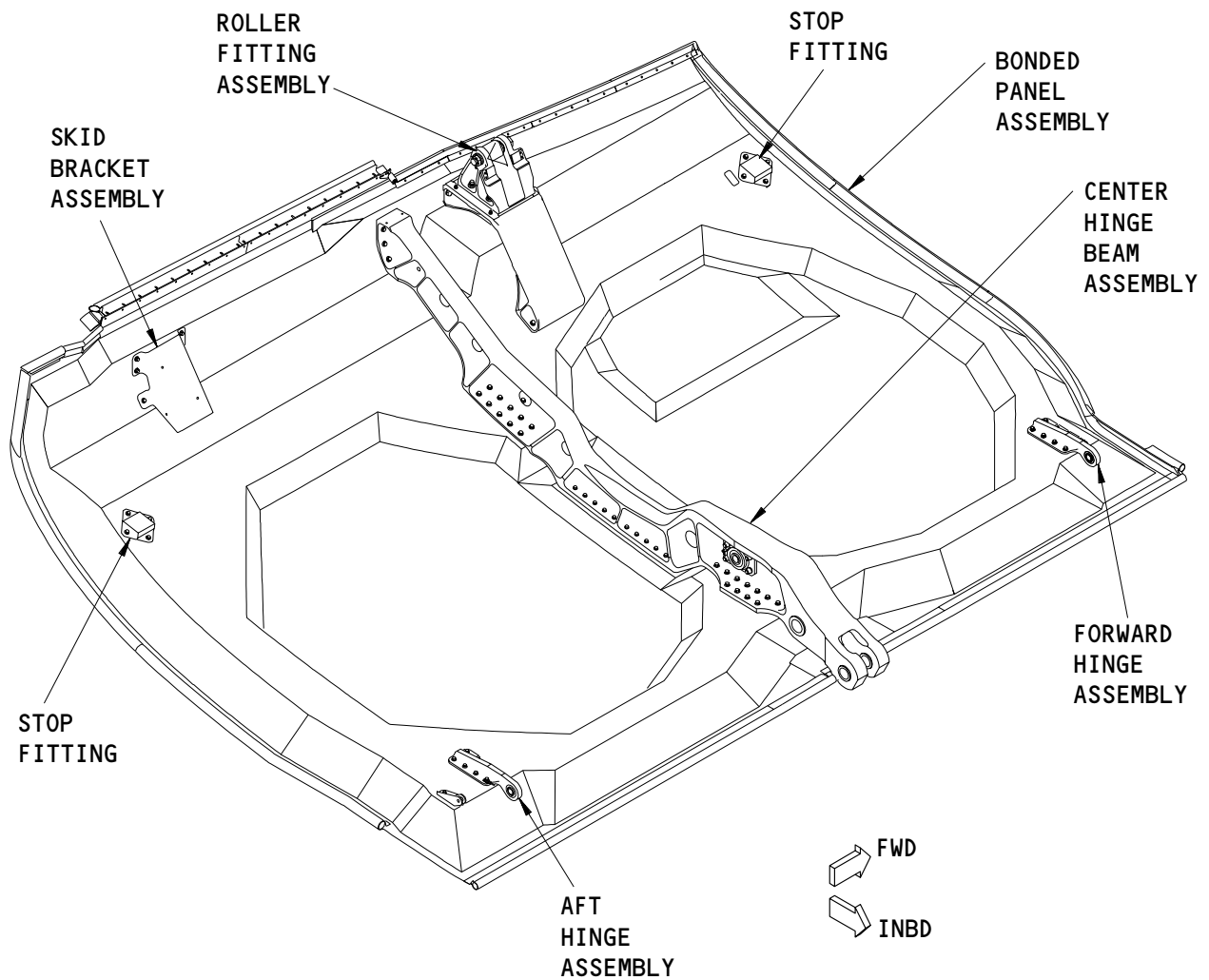
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Main Landing Gear Door Assembly  
Figure 1

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DISASSEMBLY1. General

- A. This procedure has the data necessary to disassemble the Main Landing Gear Door Assembly.
- B. Disassemble this component sufficiently to isolate the defects, do the necessary repairs, and put the component back to a serviceable condition.
- C. Refer to IPL Fig. 1 for item numbers.

2. Disassembly

## A. Procedure

- (1) Use standard industry practices to disassemble the door assembly.
- (2) Make a note of the thickness, the dimension and the location of the shims to help during assembly.

NOTE: Use a feeler gage to measure the thickness of shims before you remove the part. The shim can be damaged when removed.

If the hinge assemblies or the beam assemblies are to be removed, it is recommended that a shop tool be made to locate the centerline of the bushings or bearings.

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DISASSEMBLY

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CHECK1. General

- A. This is the minimum data necessary to find defects in the material of specified parts.
- B. Refer to FITS AND CLEARANCES for the design dimension and wear limits.
- C. Refer to the Standard Overhaul Practices Manual (SOPM) for details of the SOPM subjects identified in this procedure.
- D. Refer to IPL Fig. 1 for item numbers.

2. Check

## A. References

- (1) SOPM 20-20-01, Magnetic Particle Inspection
- (2) SOPM 20-20-02, Penetrant Methods of Inspection

## B. Procedure

- (1) Use standard industry procedures to examine all parts for defects.
- (2) Examine all parts for defects by standard industry practices. Do the penetrant check or the magnetic check if the visual check finds possible defects.
- (3) Do a Class B magnetic particle check (SOPM 20-20-01) of these parts:
  - (a) Bushing (295)
  - (b) Pin (305)
  - (c) Pin (315)
- (4) Do a penetrant check (SOPM 20-20-02) of these parts:
  - (a) Hinge (75, 80, 85, 90)
  - (b) Bracket (140, 145)
  - (c) Stop Fitting (180, 185, 190, 195)

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- (d) Support Fitting (270)
  - (e) Roller Fitting (365)
  - (f) Serrated Plate (380, 385)
  - (g) Fitting Support (420)
  - (h) Beam (525, 530)
3. Do a check of the honeycomb and the bonded parts for delamination, internal water, scratches and contour damage.
- A. If you see a delamination or a contour damage, do an ultrasonic check.
  - B. Radiographically examine the areas that you think contain water.
  - C. Examine the edges of the panels carefully for cuts and abrasions. Delamination starts very easily from damage to an edge member.
  - D. Refer to 767 Structural Repair Manual, 52-80-02, for defect limits and repair instructions.

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REPAIR – GENERAL1. General

- A. Instructions for repair, refinish, and replacement of the specified subassembly parts are included in each REPAIR when applicable:

<u>PART NUMBER</u>	<u>NAME</u>	<u>REPAIR</u>
---	REFINISH OF OTHER PARTS	1-1
149T6103	BUSHING	2-1
149T6120	HINGE ASSEMBLY	3-1, 3-2
149T6130	CENTER HINGE BEAM ASSEMBLY	4-1, 4-2
149T6140	ROLLER FITTING ASSEMBLY	5-1, 5-2
149T6905	SUPPORT LINK ATTACH ASSEMBLY	6-1, 6-2
149T6986	PIN	7-1
273T4589	VALVE BRACKET ASSEMBLY	8-1, 8-2

2. Dimensioning Symbols

- A. Standard True Position Dimensioning Symbols used in the applicable repair procedures are shown in SOPM 20-00-00.

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REFINISH OF OTHER PARTS – REPAIR 1-11. General

- A. This repair gives the data to refinish the parts which are not given in the specified repairs.
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for details of the SOPM subjects identified in this procedure.
- C. Refer to IPL Fig. 1 for item numbers.

2. Refinish of Other Parts

## A. General

- (1) Instructions for the repair of the parts listed in Table 601 are for repair of the initial finish.

## B. References

- (1) SOPM 20-30-02, Stripping of Protective Finishes
- (2) SOPM 20-30-03, General Cleaning Procedures
- (3) SOPM 20-41-01, Decoding Table for Boeing Finish Codes
- (4) SOPM 20-41-02, Application of Chemical and Solvent Resistant Finishes

## C. Procedure

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IPL FIG. & ITEM	MATERIAL	FINISH
<u>IPL Fig. 1</u>  Stop Fitting (180, 185,190,195)  Bracket Assembly (215)  Serrated Plate (380,385)  Fitting Support (420)	Aluminum alloy  Aluminum alloy  Aluminum alloy  Aluminum alloy	Boric acid-sulfuric acid anodize (F-17.31), then apply BMS 10-11, type 1 primer (F-20.02) and apply BMS 10-11, type 2 enamel (F-21.17).  Chemical treat and apply BMS 10-11, type 1 primer and BMS 10-11, type 2 enamel (F-21.16).  Boric acid-sulfuric acid anodize (F-17.31) and apply BMS 10-11, type 1 primer (F-20.02).  Boric acid-sulfuric acid anodize (F-17.31), then apply BMS 10-11, type 1 primer (F-20.02) and apply BMS 10-11, type 2 enamel (F-21.17).

Refinish Details  
 Table 601

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REPAIR 1-1

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BUSHING – REPAIR 2-1

149T6103-1

1. General

- A. This repair gives the data to refinish the bushing (295).
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for details of the SOPM subjects identified in this procedure.
- C. General repair details:
  - (1) Material: 15-5PH CRES  
180-200 KSI

2. Bushing Refinish

- (1) C00432 Primer -- BMS 10-11, Type 1 (SOPM 20-60-02)

## A. References

- (1) SOPM 20-30-02, Stripping of Protective Finishes
- (2) SOPM 20-30-03, General Cleaning Procedures
- (3) SOPM 20-41-01, Decoding Table for Boeing Finish Codes

## B. Procedure (Fig. 601)

- (1) Passivate (F-17.25) all over.
- (2) Chrome plate as shown.

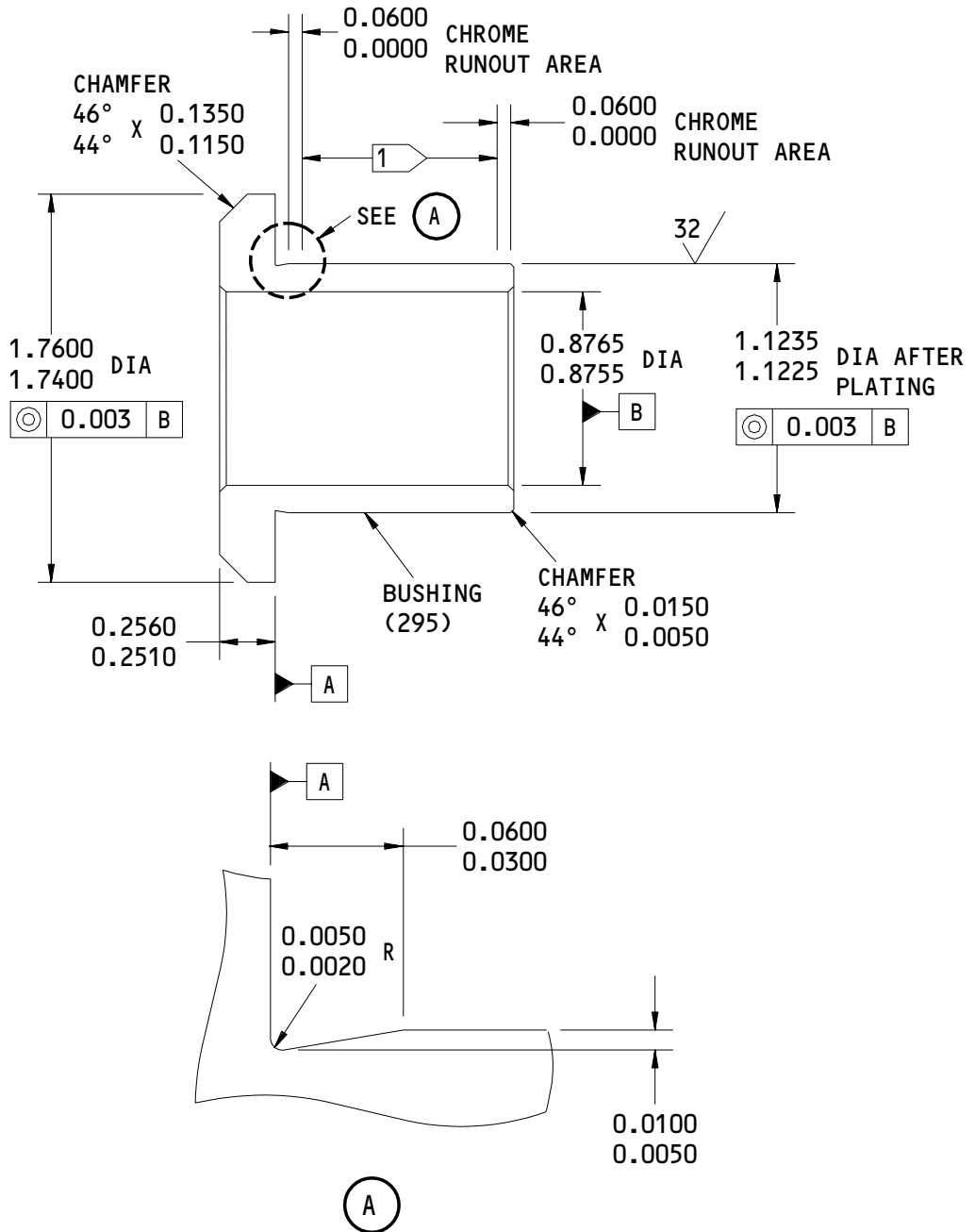
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REPAIR 2-1

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125/32 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

ITEM NUMBERS REFER TO IPL FIG. 1  
 ALL DIMENSIONS ARE IN INCHES

1 CHROME PLATE (F-15.03),  
 0.001-0.002 THICK

149T6103-1  
 Bushing Details  
 Figure 601

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REPAIR 2-1  
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HINGE ASSEMBLY - REPAIR 3-1

149T6120-1, -2, -3, -4

1. General

- A. This repair gives the data to replace the parts of the hinge assembly (45, 50, 55, 60).
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for details of the SOPM subjects identified in this procedure.
- C. Refer to IPL Fig. 1 for item numbers.
- D. General repair details:
  - (1) Material: Aluminum alloy

2. Bearing Replacement

- A. Consumable Materials
  - (1) D00294 Grease -- BMS 3-24 (SOPM 20-60-03)
  - (2) D00633 Grease -- BMS 3-33 (SOPM 20-60-03)
- B. References
  - (1) SOPM 20-30-03, General Cleaning Procedures
  - (2) SOPM 20-50-03, Bearing and Bushing Replacement
  - (3) SOPM 20-60-03, Lubricants
- C. Procedure (Fig. 601)
  - (1) Remove the old bearing.

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- (2) If you find defects on the hinge, refer to REPAIR 3-2 for repair instructions.
- (3) Install a replacement and roller swage it (SOPM 20-50-03).
- (4) Give the bearing a push-out load test, with a minimum load of 3648.5 pounds.

### 3. Lubrication Fitting Replacement

#### A. Consumable Materials

- (1) D00294 Grease -- BMS 3-24 (SOPM 20-60-03)
- (2) D00633 Grease -- BMS 3-33 (SOPM 20-60-03)

#### B. References

- (1) CMM 32-00-03, Landing Gear Parts Lubrication Fitting Replacement
- (2) SOPM 20-30-03, General Cleaning Procedures
- (3) SOPM 20-60-03, Lubricants

#### C. Procedure (Fig. 601)

- (1) Remove the old lube fitting (65).
- (2) Install replacement lubrication fitting (65) with grease (CMM 32-00-03).
- (3) Apply grease at the lube fitting until the grease comes out at the inside diameter of the bearing.

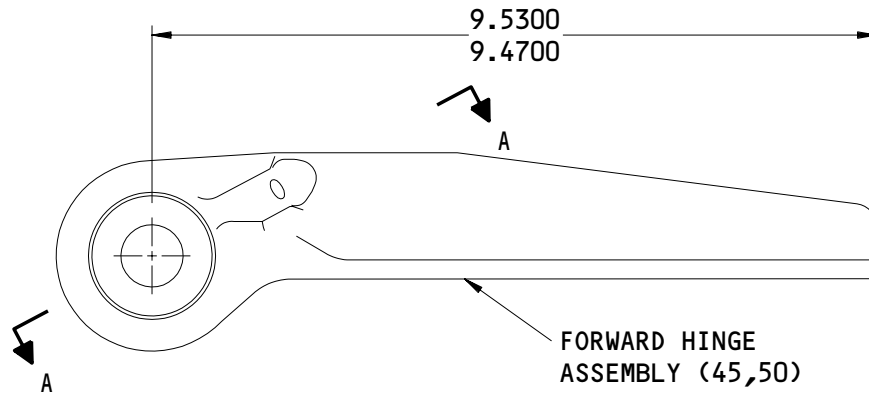
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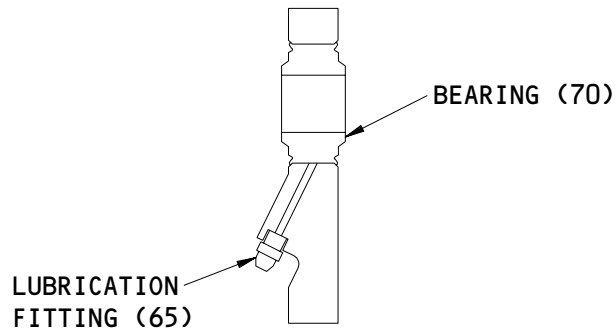
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149T6120-1 SHOWN  
149T6120-2 OPPOSITE



VIEW ROTATED  
A-A

149T6120-1,-2,-3,-4  
Hinge Assembly Repair  
Figure 601 (Sheet 1)

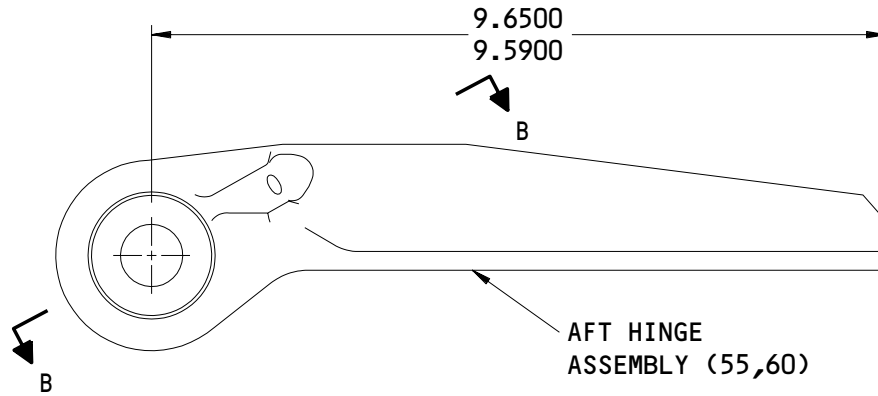
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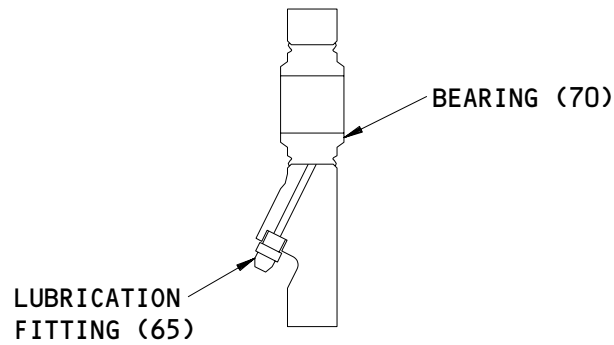
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149T6120-3 SHOWN  
149T6120-4 OPPOSITE



VIEW ROTATED  
B-B

ITEM NUMBERS REFER TO IPL FIG. 1  
ALL DIMENSIONS ARE IN INCHES

149T6120-1,-2,-3,-4  
Hinge Assembly Repair  
Figure 601 (Sheet 2)

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HINGE - REPAIR 3-2

149T6120-5, -6, -7, -8

1. General

- A. This repair gives the data to refinish the hinge (75, 80, 85, 90).
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for details of the SOPM subjects identified in this procedure.
- C. Refer to IPL Fig. 1 for item numbers.
- D. General repair details:
  - (1) Material: Aluminum alloy

2. Hinge Refinish

## A. Consumable Materials

NOTE: Equivalent materials can be used.

- (1) D00259 Primer -- BMS 10-11, Type 1 (SOPM 20-60-02)
- (2) D00260 Enamel -- BMS 10-11, Type 2 (SOPM 20-60-02)

## B. References

- (1) SOPM 20-30-02, Stripping of Protective Finishes
- (2) SOPM 20-30-03, General Cleaning Procedures
- (3) SOPM 20-41-01, Decoding Table for Boeing Finish Codes
- (4) SOPM 20-60-02, Finishing Materials

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C. Procedure (Fig. 601)

- (1) Boric - sulfuric acid anodize (F-17.31) all over.
- (2) Apply BMS 10-11, Type 1 primer (F-20.02) and BMS 10-11, Type 2 enamel (F-21.17) but not in the holes.

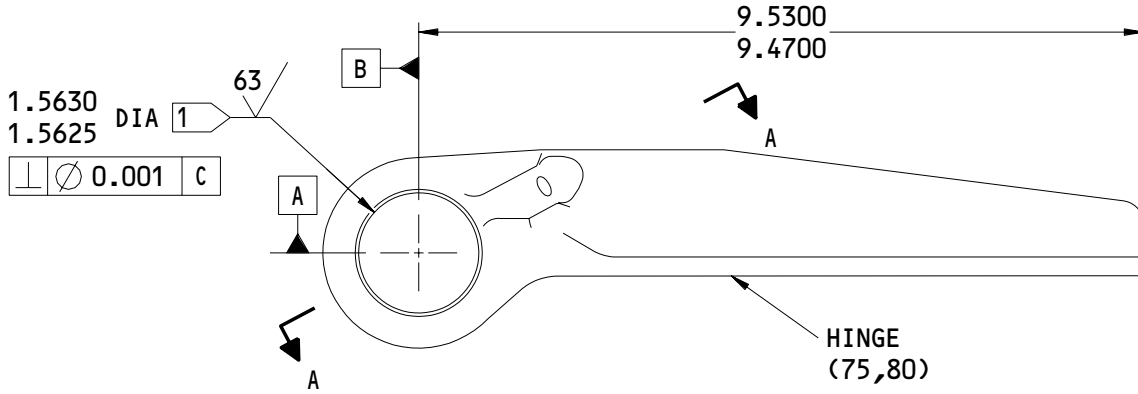
**32-12-12**

REPAIR 3-2

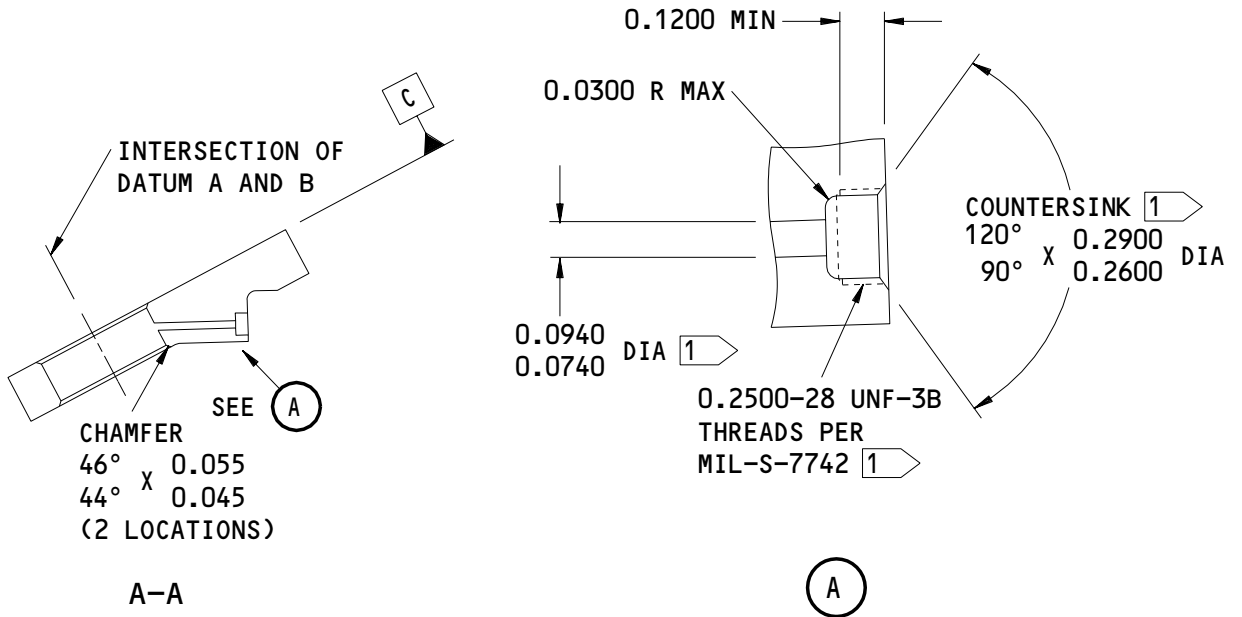
01.1

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149T6120-5 SHOWN  
 149T6120-6 OPPOSITE



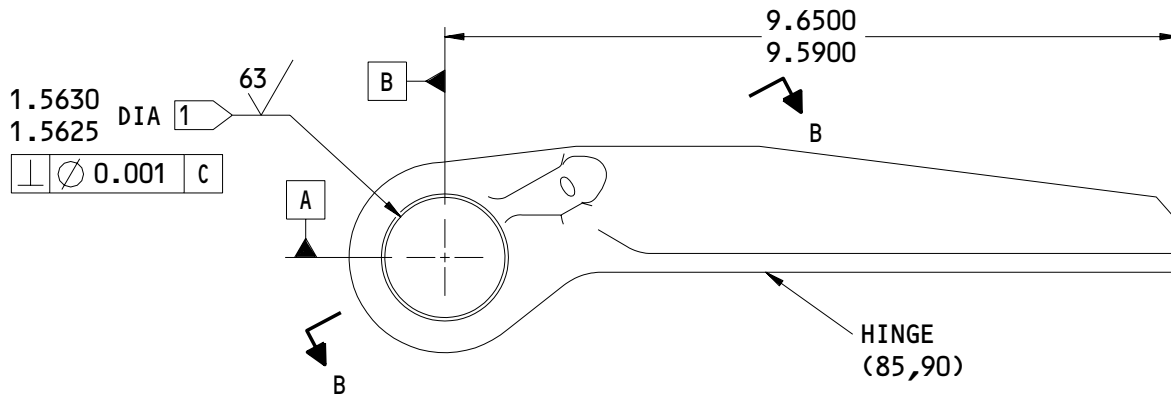
149T6120-5,-6,-7,-8  
 Hinge Repair  
 Figure 601 (Sheet 1)

**32-12-12**

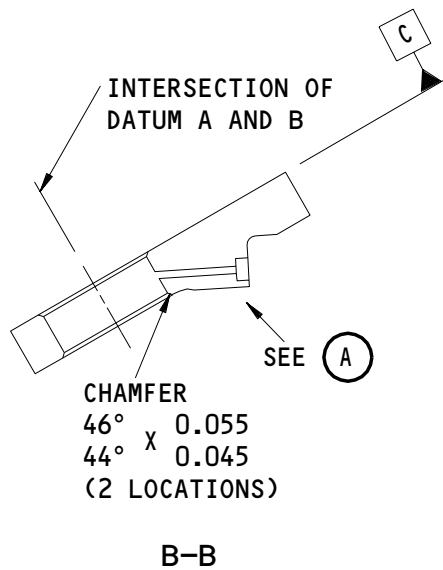
REPAIR 3-2  
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01

K28935



149T6120-7 SHOWN  
 149T6120-8 OPPOSITE



1 BORIC ACID-SULFURIC ACID ANODIZE TO THE HOLES ONLY BEFORE YOU INSTALL THE BEARING OR LUBRICATION FITTING

ITEM NUMBERS REFER TO IPL FIG. 1  
 ALL DIMENSIONS ARE IN INCHES

149T6120-5,-6,-7,-8  
 Hinge Repair  
 Figure 601 (Sheet 2)

**32-12-12**  
 REPAIR 3-2  
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HINGE BEAM ASSEMBLY – REPAIR 4-1

149T6130-1, -2

1. General

- A. This repair gives the data to replace the parts of the center hinge beam assembly (500, 505).
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for details of the SOPM subjects identified in this repair.
- C. Refer to IPL Fig. 1 for item numbers.
- D. General repair details:
  - (1) Material: Aluminum alloy

2. Bushing Replacement

- A. Consumable Materials
  - (1) D00015 Grease -- BMS 3-24 (SOPM 20-60-03)
  - (2) A00247 Sealant -- BMS 5-95 (SOPM 20-60-04)
  - (3) D00633 Grease -- BMS 3-33 (SOPM 20-60-03)
- B. References
  - (1) SOPM 20-30-03, General Cleaning Procedures
  - (2) SOPM 20-50-03, Bearing and Bushing Replacement

**32-12-12**

REPAIR 4-1

01.1

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- (3) SOPM 20-50-19, General Sealing
- (4) SOPM 20-60-03, Lubricants
- (5) SOPM 20-60-04, Miscellaneous Materials

C. Procedure (Fig. 601)

- (1) Remove the old bushings (515, 520).
- (2) If you find defects on hinge surfaces, refer to REPAIR 4-2 for repair instructions.
- (3) Install replacement bushings (515) by the shrink-fit procedure (SOPM 20-50-03) with BMS 3-33 grease.
- (4) Install replacement bushings (520) by the shrink-fit method (SOPM 20-50-03) with BMS 5-95 sealant.
- (5) Machine bushings (515, 520) to design dimensions and finish.
- (6) Apply grease at the lube fittings until you can see grease come out at the bushing bores.
- (7) Fillet seal the bushing flanges with BMS 5-95 sealant (SOPM 20-50-19).

3. Lubrication Fitting Replacement

A. Consumable Materials

- (1) D00633 Grease -- BMS 3-33 (SOPM 20-60-03)

B. Reference

- (1) SOPM 20-30-03, General Cleaning Procedures

C. Procedure (Fig. 601)

- (1) Remove the old lubrication fitting (510).
- (2) Install a replacement lubrication fitting with grease on the threads.
- (3) Tighten the lube fitting to 25-30 pound-inches.

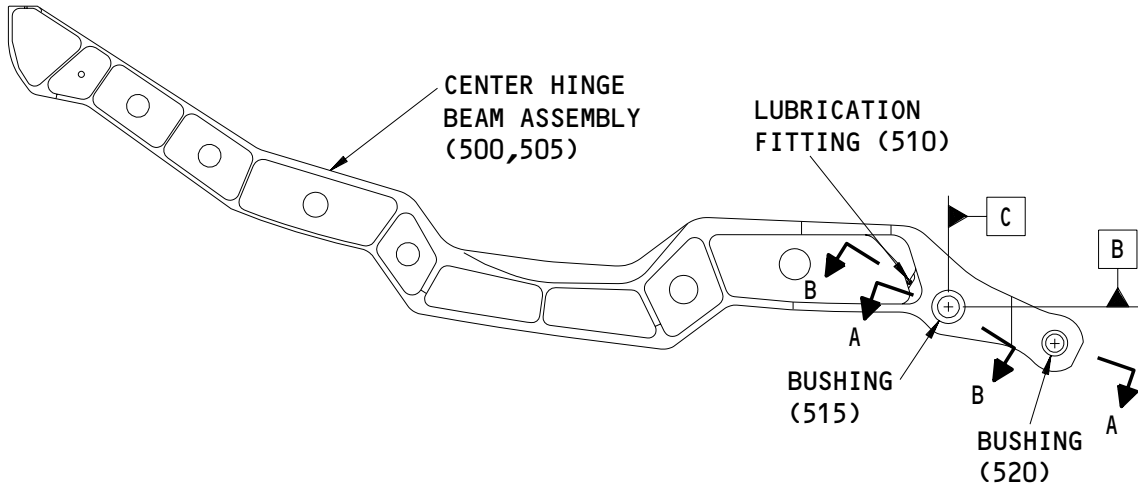
**32-12-12**

REPAIR 4-1

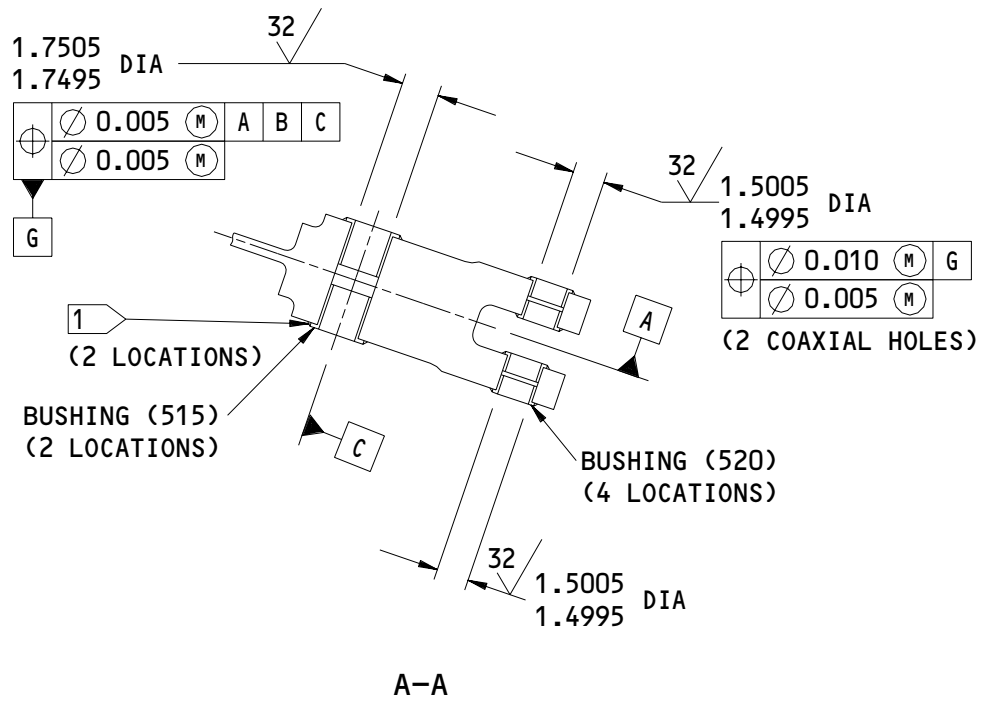
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**REAR VIEW**  
 149T6130-1 SHOWN  
 149T6130-2 OPPOSITE



149T6130-1,-2  
 Center Hinge Beam Assembly Repair  
 Figure 601 (Sheet 1)

**32-12-12**

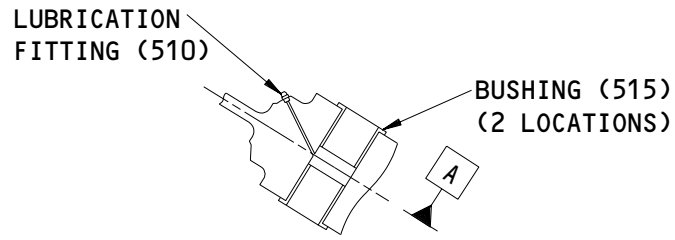
REPAIR 4-1

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K29002



B-B

1 FILLET SEAL WITH BMS 5-95 SEALANT

ITEM NUMBERS REFER TO IPL FIG. 1  
ALL DIMENSIONS ARE IN INCHES

149T6130-1,-2  
Center Hinge Beam Assembly Repair  
Figure 601 (Sheet 2)

**32-12-12**

REPAIR 4-1

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HINGE BEAM - REPAIR 4-2

149T6130-3 thru -6

1. General

- A. This repair gives the data to refinish the hinge beam (525, 530).
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for details of the SOPM subjects identified in this repair.
- C. Refer to IPL Fig. 1 for item numbers.
- D. General repair details:

- (1) Material: Aluminum alloy
- (2) Shot Peen: Shot size 0.023-0.055  
Intensity 0.010A2  
Coverage 1.0  
Do not shot peen holes for lube fittings

2. Bores for Bushings

## A. References

- (1) SOPM 20-10-03, Shot Peening
- (2) SOPM 20-20-02, Penetrant Methods of Inspection
- (3) SOPM 20-30-03, General Cleaning Procedures
- (4) SOPM 20-41-01, Decoding Table for Boeing Finish Codes
- (5) SOPM 20-42-05, Bright Cadmium Plating

## B. Procedure (Fig. 601)

- (1) Machine as required, within repair limits, to remove defects.

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REPAIR 4-2

01.1

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- | (2) Do a penetrant check (SOPM 20-20-02).
- | (3) Shot peen as indicated.
- | (4) Make oversize bushings (Fig. 602 and on) to adjust for the material removed.
- | (5) Install the bushings as shown in REPAIR 4-1.

### 3. Hinge Beam Refinish

#### A. Consumable Materials

NOTE: Equivalent materials can be used.

- (1) C00259 Primer -- BMS 10-11, Type 1 (SOPM 20-60-02)
- (2) C00260 Enamel -- BMS 10-11, Type 2 (SOPM 20-60-02)

#### B. References

- (1) SOPM 20-30-02, Stripping of Protective Finishes
- (2) SOPM 20-30-03, General Cleaning Procedures
- | (3) SOPM 20-41-01, Decoding Table for Boeing Finish Codes
- (4) SOPM 20-60-02, Finishing Materials

#### C. Procedure (Fig. 601)

- (1) Boric acid - sulfuric acid anodize (F-17.31).
- | (2) Apply BMS 10-11, Type 1 primer (F-20.02), but not in holes.
- | (3) Apply BMS 10-11, Type 2 enamel (F-21.17), but not in holes.

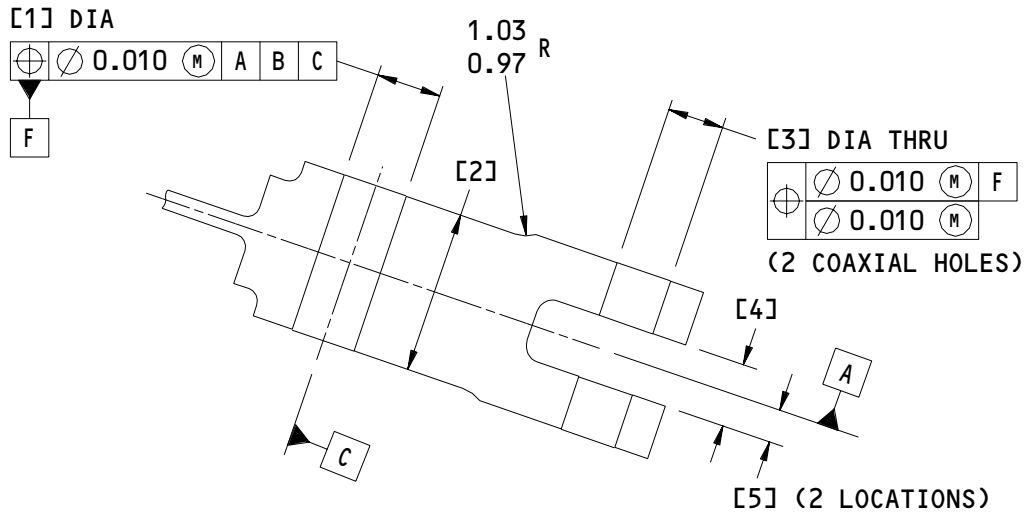
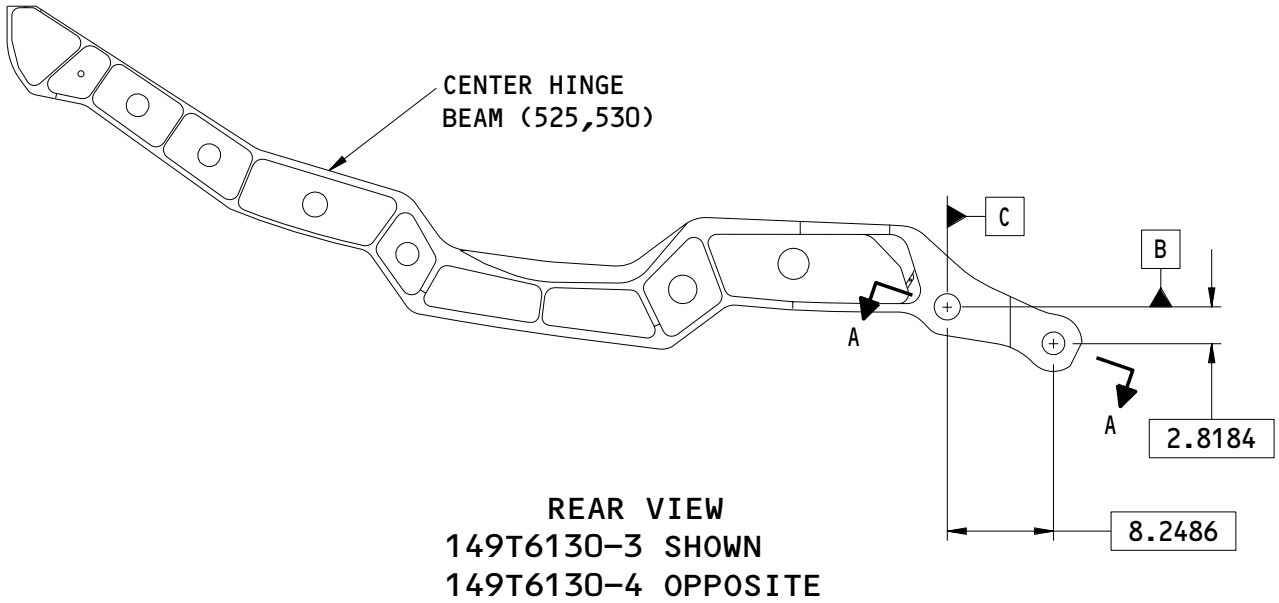
**32-12-12**

REPAIR 4-2

01.1

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A-A

149T6130-3 Thru -6  
 Center Hinge Beam Repair  
 Figure 601 (Sheet 1)


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REPAIR 4-2  
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01.1

K29065

REFERENCE NUMBER	[1]	[2]	[3]	[4]	[5]
DESIGN DIMENSION	2.0009 2.0000	5.010 4.990	1.7509 1.7500	1.990 1.970	1.710 1.690
REPAIR LIMIT	2.0609	---	1.8109	---	---

 LIMIT FOR INSTALLATION OF  
 OVERSIZE BUSHINGS

 ALL MACHINED SURFACES UNLESS  
 SHOWN DIFFERENTLY

BREAK ALL SHARP EDGES

ITEM NUMBERS REFER TO IPL FIG. 1

ALL DIMENSIONS ARE IN INCHES

149T6130-3 Thru -6  
 Center Hinge Beam Repair  
 Figure 601 (Sheet 2)

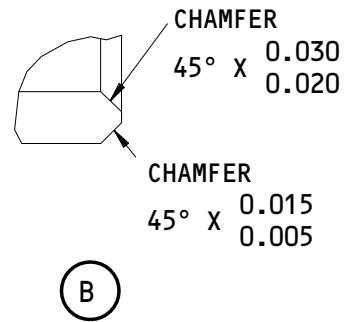
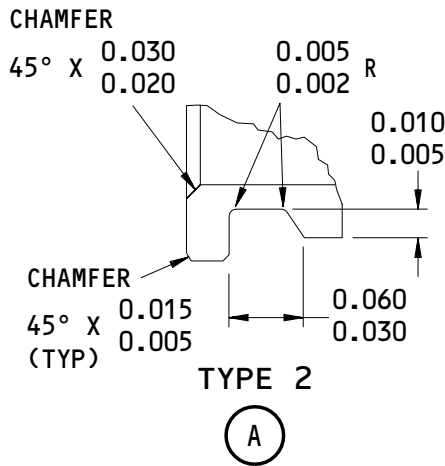
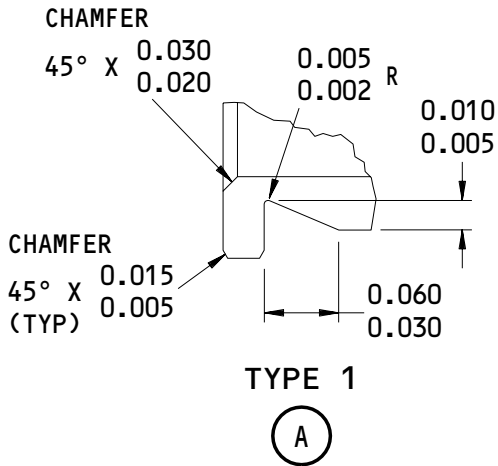
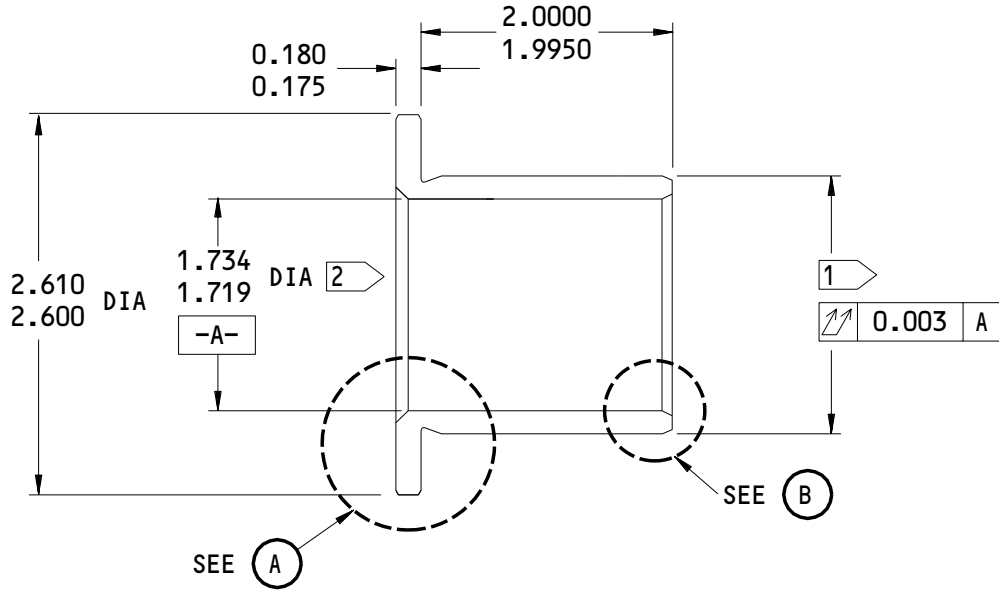
**32-12-12**

REPAIR 4-2

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01.1



1 FINISH DIAMETER AFTER PLATING IS EQUAL TO REPAIR DIAMETER OF LUG HOLE PLUS 0.0020-0.0040 INTERFERENCE

2 BEFORE PLATING

63 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

MATERIAL: AL-NI-BRONZE (AMS 4640)

FINISH: CADMIUM PLATE (F-15.06) OR ZINC-NICKEL PLATE (F-15.40)

ALL DIMENSIONS ARE AFTER PLATING UNLESS SHOWN DIFFERENTLY

ALL DIMENSIONS ARE IN INCHES

HOLE LOCATION [1] FIG. 601  
 REPLACES BUSHING (IPL FIG. 1; 515) BACB28AU28B200C

Oversize Bushing Details  
 Figure 602

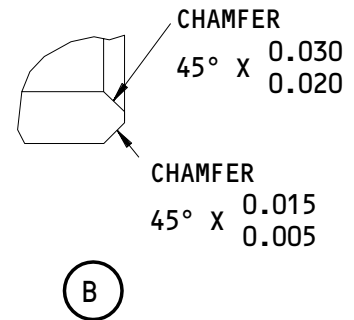
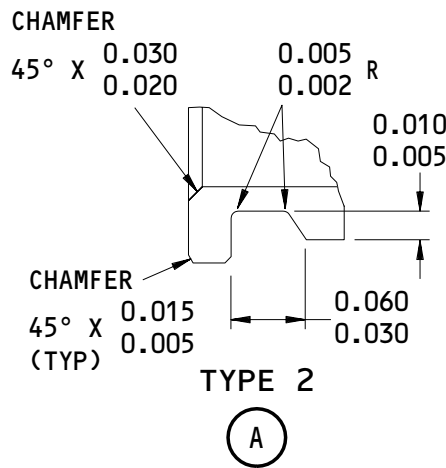
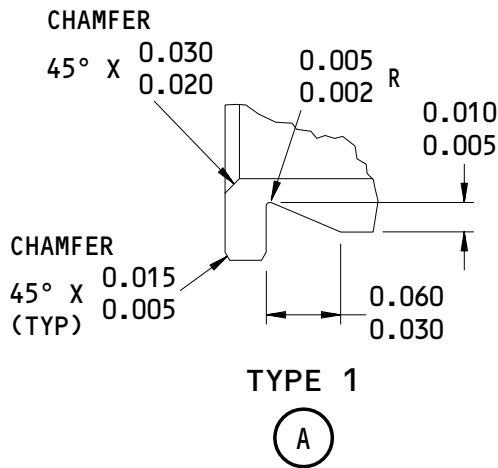
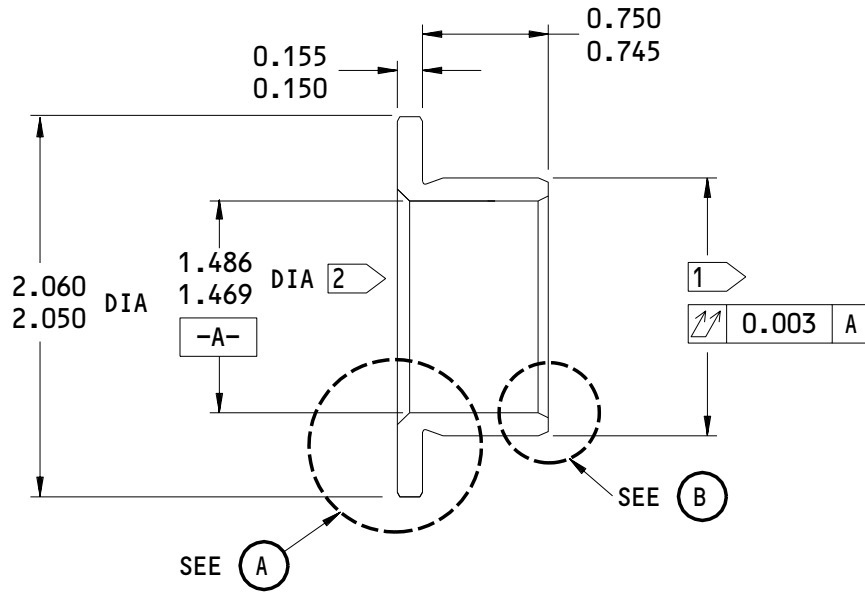
**32-12-12**

REPAIR 4-2

01.1

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1 FINISH DIAMETER AFTER PLATING IS EQUAL TO REPAIR DIAMETER OF LUG HOLE PLUS 0.0017-0.0036 INTERFERENCE

2 BEFORE PLATING

63 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

MATERIAL: AL-NI-BRONZE (AMS 4640)

FINISH: CADMIUM PLATE (F-15.06) OR ZINC-NICKEL PLATE (F-15.40)

ALL DIMENSIONS ARE AFTER PLATING UNLESS SHOWN DIFFERENTLY

ALL DIMENSIONS ARE IN INCHES

HOLE LOCATION [2] FIG. 601  
 REPLACES BUSHING (IPL FIG. 1; 520) BACB28AT24B075C

Oversize Bushing Details  
 Figure 603

**32-12-12**

REPAIR 4-2

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01.1



ROLLER FITTING ASSEMBLY – REPAIR 5-1

149T6140-1, -5

1. General

- A. This repair gives the data to replace the parts of the roller fitting assembly (330).
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for details of the SOPM subjects identified in this repair.
- C. Refer to IPL Fig. 1 for item numbers.

2. Bushing Replacement

A. Consumable Materials

- (1) A00247 Sealant -- BMS 5-95 (SOPM 20-60-04)
- (2) D00015 Grease -- BMS 3-24 (SOPM 20-60-03)
- (3) D00633 Grease -- BMS 3-33 (SOPM 20-60-03)

B. References

- (1) SOPM 20-30-03, General Cleaning Procedures
- (2) SOPM 20-50-03, Bearing and Bushing Replacement
- (3) SOPM 20-50-19, General Sealing
- (4) SOPM 20-60-03, Lubricants

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REPAIR 5-1

01.1

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(5) SOPM 20-60

C. Procedure (Fig. 601)

- (1) Remove the old bushing (340).
- (2) If you find defects on the fitting, refer to REPAIR 5-2 for repair instructions.
- (3) Install a replacement bushing by the shrink-fit procedure (SOPM 20-50-03) with BMS 3-24 grease.
- (4) Machine the bushing (340) to design dimensions and finish.
- (5) Fillet seal the bushing flanges with BMS 5-95 sealant (SOPM 20-50-19).

3. Lubrication Fitting Replacement

A. Consumable Materials

- (1) D00294 Grease -- BMS 3-24 (SOPM 20-60-03)
- (2) D00633 Grease -- BMS 3-33 (SOPM 20-60-03)

B. References

- (1) CMM 32-00-03, Landing Gear Parts Lubrication Fitting Replacement
- (2) SOPM 20-30-03, General Cleaning Procedures
- (3) SOPM 20-60-03, Lubricants

C. Procedure (Fig. 601)

- (1) Remove the old lubrication fitting (335).
- (2) Install a replacement lubrication fitting (335) with grease (CMM 32-00-03).
- (3) Apply BMS 3-24 grease at the lube fitting until the grease comes out at the inside diameter of the bearing.

**32-12-12**

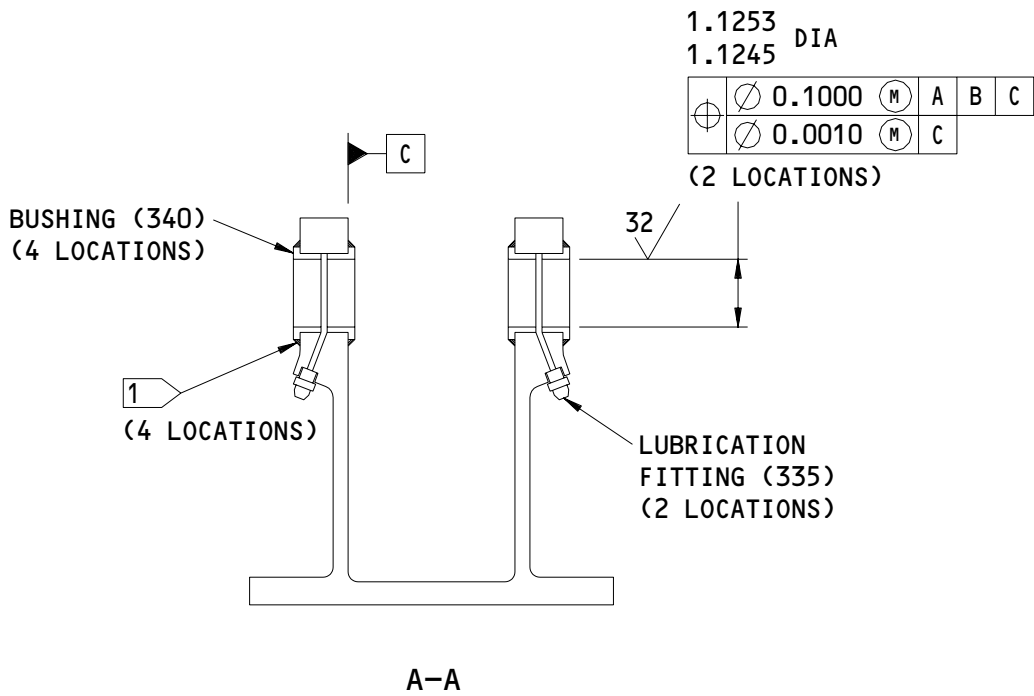
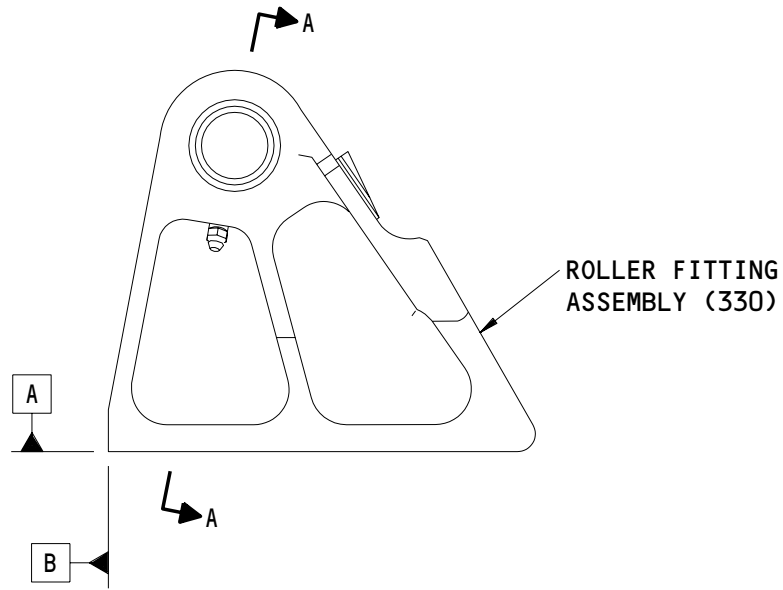
REPAIR 5-1

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1 FILLET SEAL WITH BMS 5-95 SEALANT

ITEM NUMBERS REFER TO IPL FIG. 1  
 ALL DIMENSIONS ARE IN INCHES

149T6140-1,-5  
 Roller Fitting Assembly Repair  
 Figure 601

**32-12-12**

REPAIR 5-1

01.1

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ROLLER FITTING - REPAIR 5-2

149T6140-3, -6

1. General

- A. This repair gives the data to repair and refinish the roller fitting (365).
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for details of the SOPM subjects identified in this procedure.
- C. Refer to IPL Fig. 1 for item numbers.
- D. General repair details:
  - (1) Material: Aluminum alloy
  - (2) Shot Peen: Shot size 0.023-0.055  
Intensity 0.007A2  
Coverage 2.0

2. Bores for Bushings

## A. References

- (1) SOPM 20-10-03, Shot Peening
- (2) SOPM 20-20-02, Penetrant Methods of Inspection
- (3) SOPM 20-30-03, General Cleaning Procedures
- (4) SOPM 20-41-01, Decoding Table for Boeing Finish Codes

## B. Procedure (Fig. 601)

- (1) Machine as necessary, within repair limits, to remove defects.
- (2) Do a penetrant check (SOPM 20-20-02).

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REPAIR 5-2

01.1

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- | (3) Shot peen as indicated:
- | (4) Make oversize bushings (Fig. 602) to adjust for the material removed.
- | (5) Install the bushings as shown in REPAIR 5-1.

### 3. Roller Fitting Refinish

#### A. Consumable Materials

NOTE: Equivalent material can be used.

- (1) C00259 Primer -- BMS 10-11, Type 1 (SOPM 20-60-02)
- (2) C00260 Enamel -- BMS 10-11, Type 2 (SOPM 20-60-02)

#### B. References

- (1) SOPM 20-30-02, Stripping of Protective Finishes
- (2) SOPM 20-30-03, General Cleaning Procedures
- | (3) SOPM 20-41-01, Decoding Table for Boeing Finish Codes
- (4) SOPM 20-60-02, Finishing Materials

#### C. Procedure (Fig. 601)

- (1) Boric acid - sulfuric acid anodize (F-17.31).
- | (2) Apply BMS 10-11, Type 1 primer (F-20.02), but not in holes.
- | (3) Apply BMS 10-11, Type 2 enamel (F-21.17), but not in holes.

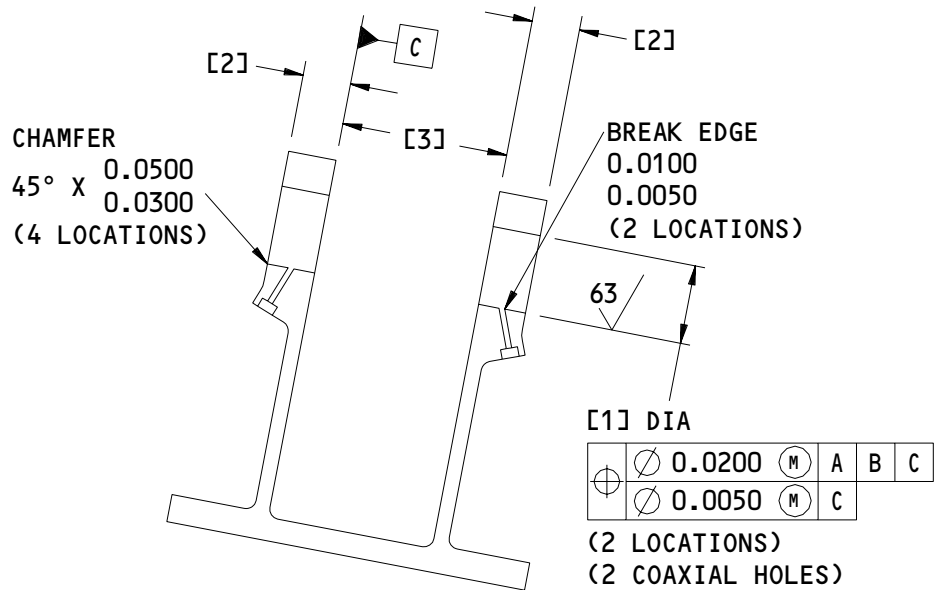
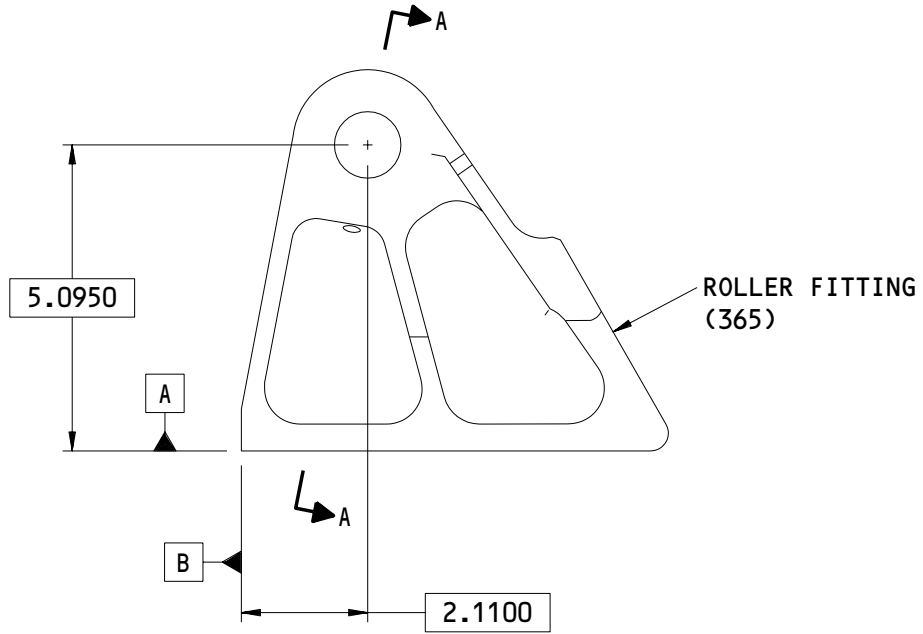
**32-12-12**

REPAIR 5-2

01.1

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A-A

149T6140-3,-6  
 Roller Fitting Repair  
 Figure 601 (Sheet 1)

**32-12-12**

REPAIR 5-2

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01.1

REFERENCE NUMBER	[1]	[2]	[3]
DESIGN DIMENSION	1.3133 1.3125	0.81 0.79	2.799 2.779
REPAIR LIMIT	1.3733	---	---

1

1 LIMIT FOR INSTALLATION OF OVERSIZE BUSHINGS

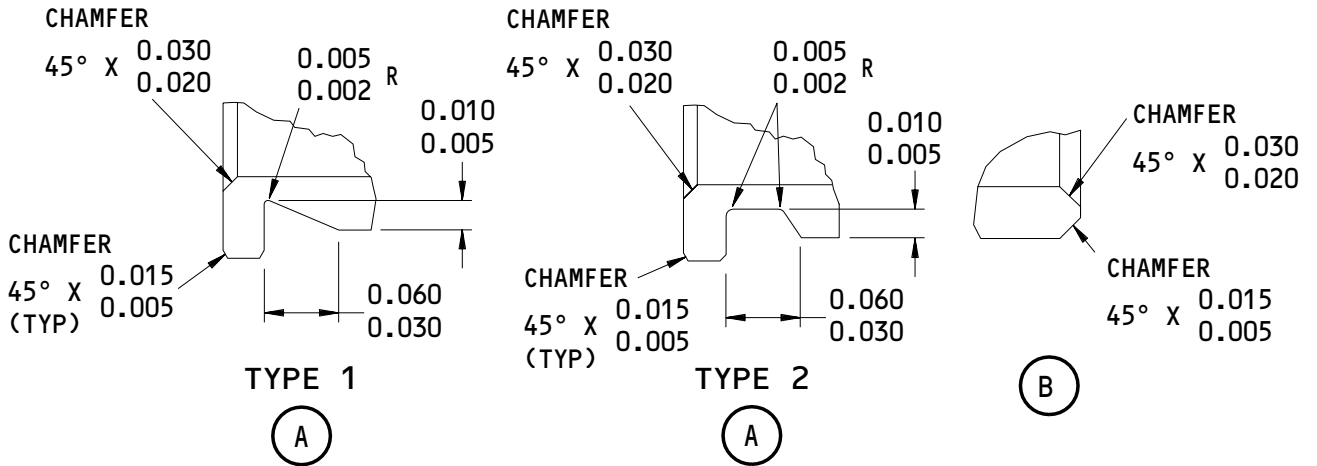
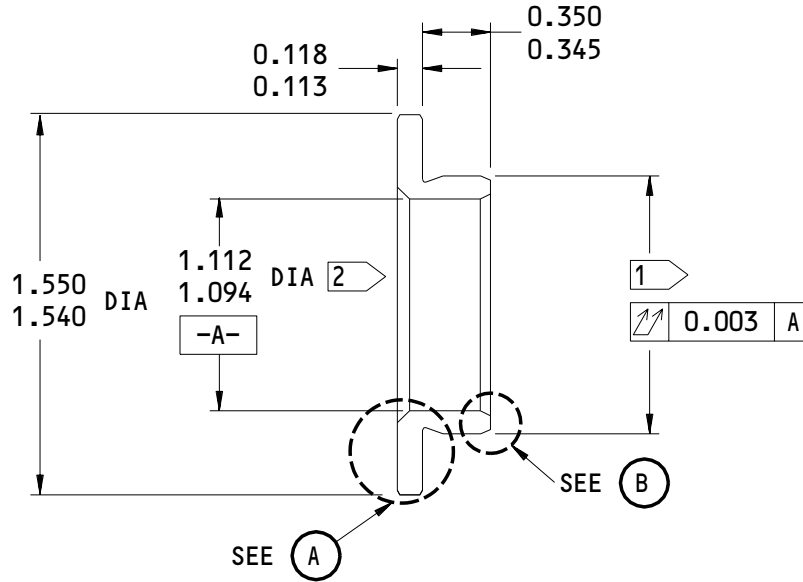
ITEM NUMBERS REFER TO IPL FIG. 1  
 ALL DIMENSIONS ARE IN INCHES

149T6140-3,-6  
 Roller Fitting Repair  
 Figure 601 (Sheet 2)

**32-12-12**

REPAIR 5-2  
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01.1



1 FINISH DIAMETER AFTER PLATING IS EQUAL TO REPAIR DIAMETER OF LUG HOLE PLUS 0.0014-0.0028 INTERFERENCE

2 BEFORE PLATING

63 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

MATERIAL: AL-NI-BRONZE (AMS 4640)

FINISH: CADMIUM PLATE (F-15.06) OR ZINC-NICKEL PLATE (F-15.40)

ALL DIMENSIONS ARE AFTER PLATING UNLESS SHOWN DIFFERENTLY

ALL DIMENSIONS ARE IN INCHES

HOLE LOCATION [1] FIG. 601  
 REPLACES BUSHING (IPL FIG. 1; 340) BACB28AT18B035C

Oversize Bushing Details  
 Figure 602

**32-12-12**

REPAIR 5-2

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01.1

SUPPORT LINK ASSEMBLY – REPAIR 6-1

149T6905-1

1. General

- A. This repair has the data to replace the bearing (265) and the lubrication fitting (260) on the support link assembly (255).
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for details of the SOPM subjects identified in this procedure.
- C. Refer to IPL Fig. 1 for item numbers.

2. Bearing Replacement

## A. Consumable Materials

NOTE: Equivalent materials can be used.

- (1) D00294 Grease -- BMS 3-24 (SOPM 20-60-03)

## B. References

- (1) SOPM 20-30-03, General Cleaning Procedures
- (2) SOPM 20-50-03, Bearing and Bushing Replacement
- (3) SOPM 20-60-03, Lubricants

## C. Procedure (Fig. 601)

- (1) Remove the old bearing (265).

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REPAIR 6-1

01.1

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- (2) If you find defects on the fitting, refer to REPAIR 6-2 for repair instructions.
- (3) Install a replacement bearing (265) with BMS 3-24 grease, and roller swage it (SOPM 20-50-03).
- (4) Give the bearing a push-out load test, with a minimum load of 4889 pounds.

### 3. Lubrication Fitting Replacement

#### A. Consumable Materials

- (1) D00294 Grease -- BMS 3-24 (SOPM 20-60-03)
- (2) D00633 Grease -- BMS 3-33 (SOPM 20-60-03)

#### B. References

- (1) CMM 32-00-03, Landing Gear Parts Lubrication Fitting Replacement
- (2) SOPM 20-30-03, General Cleaning Procedures
- (3) SOPM 20-60-03, Lubricants

#### C. Procedure (Fig. 601)

- (1) Remove the old lubrication fitting (260).
- (2) Install a replacement lubrication fitting (260) with grease (CMM 32-00-03).
- (3) Apply BMS 3-24 grease at the lube fitting until the grease comes out at the inside diameter of the bearing.

**32-12-12**

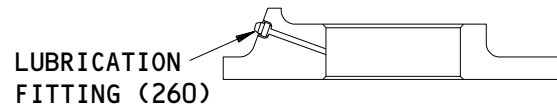
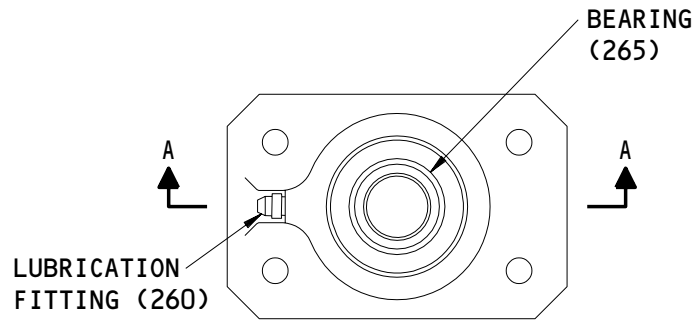
REPAIR 6-1

01.1

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(BEARING REMOVED)  
A-A

ITEM NUMBERS REFER TO IPL FIG. 1  
ALL DIMENSIONS ARE IN INCHES

149T6905-1  
Support Link Attach Assembly Repair  
Figure 601

**32-12-12**

REPAIR 6-1

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01.1

SUPPORT LINK – REPAIR 6-2

149T6905-2

1. General

- A. This repair gives the data to repair and refinish the support link (270).
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for details of the SOPM subjects identified in this procedure.
- C. Refer to IPL Fig. 1 for item numbers.
- D. General repair details:
  - (1) Material: Aluminum alloy

2. Support Link Refinish

## A. Consumable Materials

NOTE: Equivalent materials can be used.

- (1) C00259 Primer -- BMS 10-11, Type 1 (SOPM 20-60-02)
- (2) C00260 Enamel -- BMS 10-11, Type 2 (SOPM 20-60-02)

## B. References

- (1) SOPM 20-30-02, Stripping of Protective Finishes
- (2) SOPM 20-30-03, General Cleaning Procedures
- (3) SOPM 20-41-01, Decoding Table for Boeing Finish Codes
- (4) SOPM 20-60-02, Finishing Materials

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REPAIR 6-2

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C. Procedure (Fig. 601)

- (1) Boric acid - sulfuric acid anodize (F-17.31).
- | (2) Apply BMS 10-11, Type 1 primer (F-20.02), but not in holes.
- | (3) Apply BMS 10-11, Type 2 enamel (F-21.17), but not in holes.

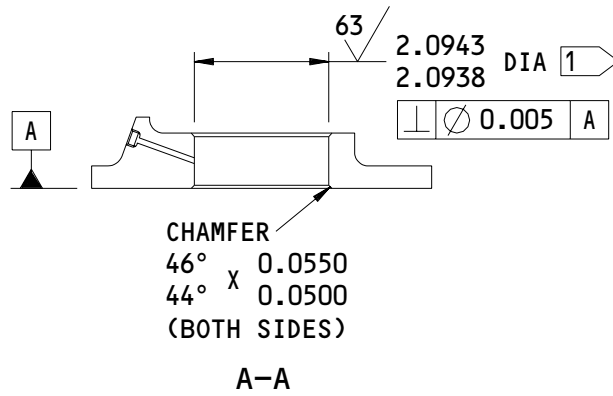
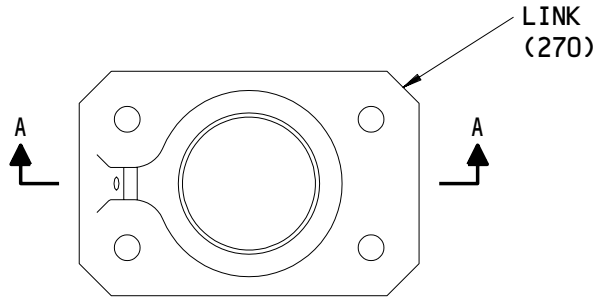
**32-12-12**

REPAIR 6-2

01.1

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1 BORIC ACID-SULFURIC ACID  
 ANODIZE (F-17.31) THE HOLE  
 AND ITS CHAMFERS

ITEM NUMBERS REFER TO IPL FIG. 1  
 ALL DIMENSIONS ARE IN INCHES

149T6905-2  
 Support Link Attach Repair  
 Figure 601

**32-12-12**

REPAIR 6-2  
 Page 603  
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01.1

PIN - REPAIR 7-1

149T6986-8

1. General

- A. This repair gives the data to repair and refinish the pin (315).
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for details of the SOPM subjects identified in this procedure.
- C. Refer to IPL Fig. 1 for item numbers.
- D. General repair details:
  - (1) Shot Peen: 0.017-0.033 Shot Size  
0.008-0.013 A2 Intensity
  - (2) Material: 4330M Steel  
220-240 ksi

2. Pin Refinish

## A. Consumable Materials

NOTE: Equivalent materials can be used.

- (1) C00259 Primer -- BMS 10-11, Type 1 (SOPM 20-60-02)

## B. References

- (1) SOPM 20-30-03, General Cleaning Procedures
- (2) SOPM 20-41-01, Decoding Table for Boeing Finish Codes
- (3) SOPM 20-60-02, Finishing Materials

## C. Procedure (Fig. 601)

- (1) Chrome plate (F-15.03) the shank OD.
- (2) Cadmium-titanium plate (F-15.01) the other outer surfaces.

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REPAIR 7-1

01.1

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- | (3) Wipe the threads and chrome plate with primer (F-19.45).

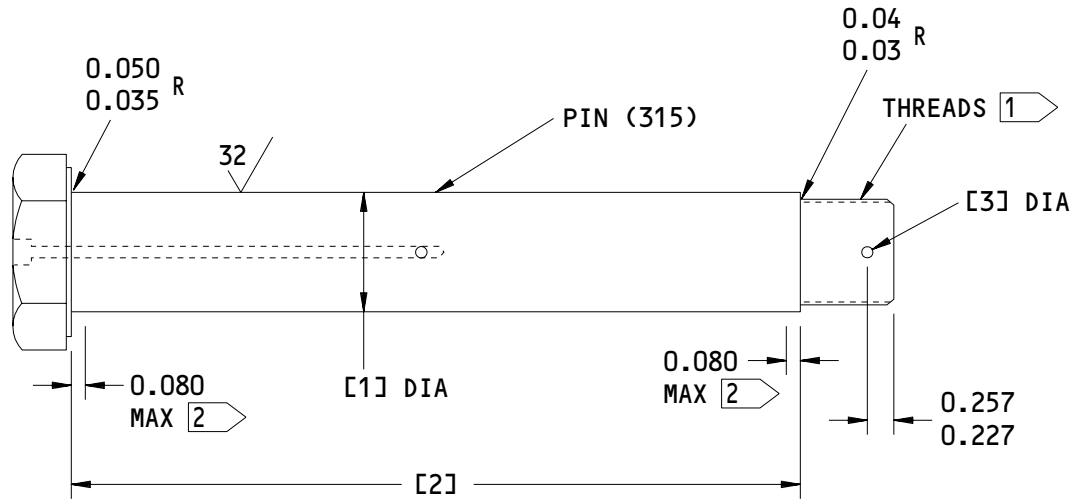
**32-12-12**

REPAIR 7-1

01.1

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REFERENCE NUMBER	[1]	[2]	[3]
DESIGN DIMENSION	0.8742 0.8736 [3]	4.910 4.890	0.151 0.141
REPAIR LIMIT	---	---	---

- [1] WIPE THE THREADS WITH PRIMER (F-19.45)
- [2] PLATING RUNOUT AREA
- [3] AFTER PLATING

ITEM NUMBERS REFER TO IPL FIG. 1  
 ALL DIMENSIONS ARE IN INCHES

149T6986-8  
 Pin Repair and Refinish  
 Figure 601

**32-12-12**  
 REPAIR 7-1  
 Page 603  
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01.1

VALVE BRACKET ASSEMBLY – REPAIR 8-1

273T4589-1,-2

1. General

- A. This repair gives the data to replace the bushings (130, 135) on the valve bracket assembly (120, 125).
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for details of the SOPM subjects identified in this procedure.
- C. Refer to IPL Fig. 1 for item numbers.

2. Bushing Replacement

## A. Consumable Materials

NOTE: Equivalent materials can be used.

- (1) A00247 Sealant -- BMS 5-95 (SOPM 20-60-04)

## B. References

- (1) SOPM 20-30-03, General Cleaning Procedures
- (2) SOPM 20-50-03, Bearing and Bushing Replacement
- (3) SOPM 20-60-04, Miscellaneous Materials

## C. Procedure (Fig. 601)

- (1) Remove the old bushings (130, 135).

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REPAIR 8-1

01.1

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- (2) If you find defects on the bracket, refer to REPAIR 8-2 for repair instructions.
- (3) Install replacement bushings (130, 135) by the shrink-fit procedure (SOPM 20-50-03).
- (4) Machine the bushings to design dimensions and finish.

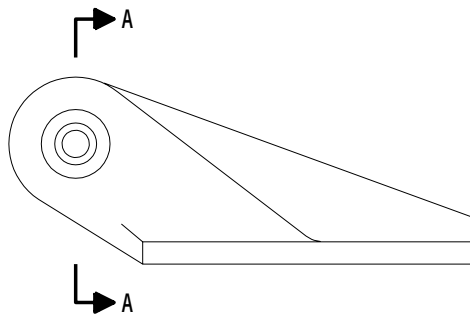
**32-12-12**

REPAIR 8-1

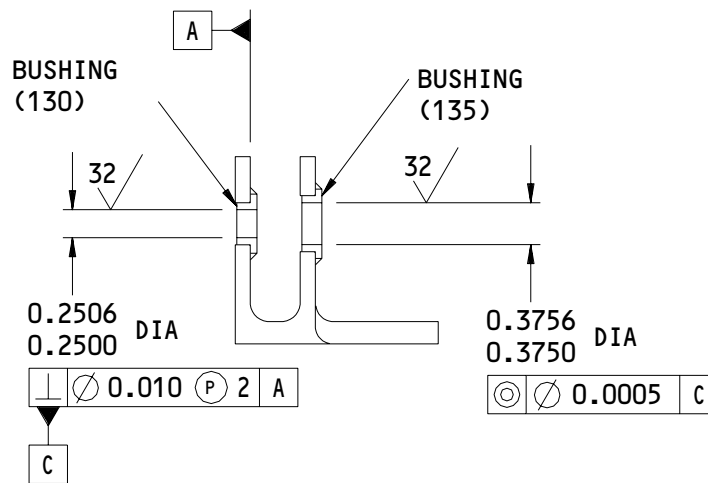
01.1

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273T4589-1 SHOWN (120)  
 273T4589-2 OPPOSITE (125)



A-A

125 ✓ ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

ITEM NUMBERS REFER TO IPL FIG. 1

ALL DIMENSIONS ARE IN INCHES

273T4589-1,-2  
 Valve Bracket Assembly Repair  
 Figure 601

**32-12-12**

REPAIR 8-1

Page 603

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01.1

VALVE BRACKET – REPAIR 8-2

273T4589-3, -4

1. General

- A. This repair gives the data to refinish the valve bracket (140, 145).
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for details of the SOPM subjects identified in this procedure.
- C. Refer to IPL Fig. 1 for item numbers.
- D. General repair details:
  - (1) Material: Aluminum alloy

2. Valve Bracket Refinish

## A. Consumable Materials

NOTE: Equivalent materials can be used.

- (1) C00259 Primer -- BMS 10-11, Type 1 (SOPM 20-60-02)
- (2) C00260 Enamel -- BMS 10-11, Type 2 (SOPM 20-60-02)

## B. References

- (1) SOPM 20-30-02, Stripping of Protective Finishes
- (2) SOPM 20-30-03, General Cleaning Procedures
- (3) SOPM 20-41-01, Decoding Table for Boeing Finish Codes
- (4) SOPM 20-41-02, Application of Chemical and Solvent Resistant Finishes
- (5) SOPM 20-43-01, Chromic Acid Anodizing
- (6) SOPM 20-60-02, Finishing Materials

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REPAIR 8-2

01.1

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## C. Procedure (Fig. 601)

- (1) Boric acid - sulfuric acid anodize (F-17.31).
- | (2) Apply BMS 10-11, Type 1 primer (F-20.02), but not in holes.
- | (3) Apply BMS 10-11, Type 2 enamel (F-21.17), but not in holes.

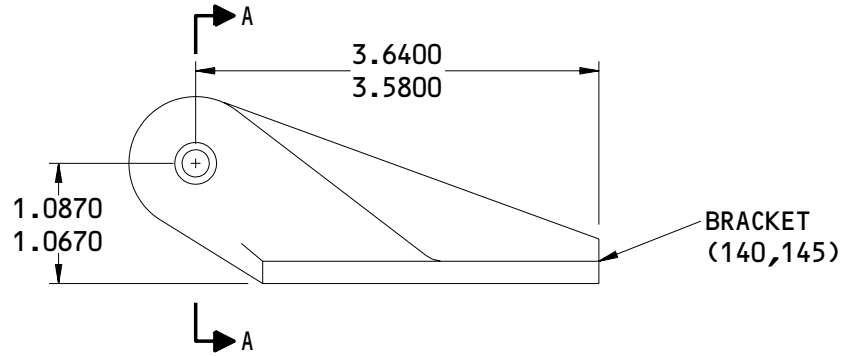
**32-12-12**

REPAIR 8-2

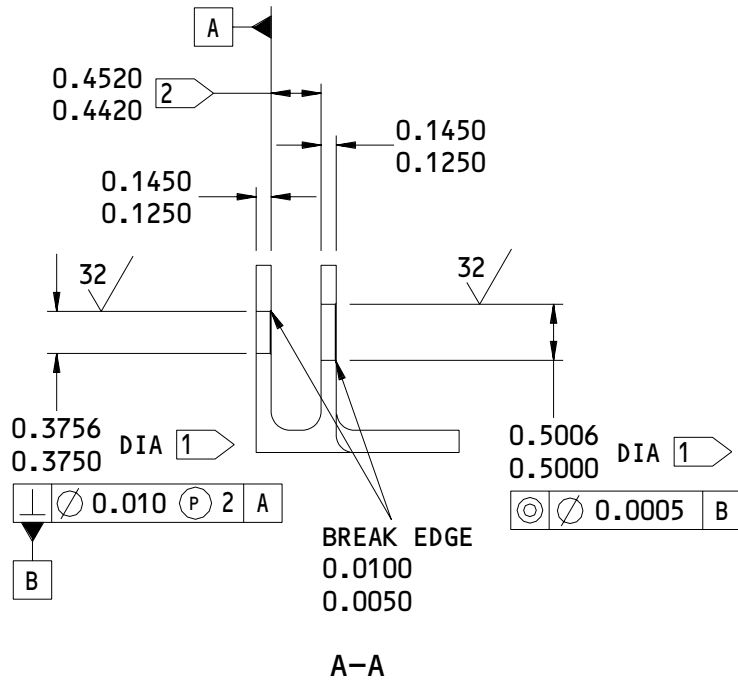
01.1

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273T4589-3 SHOWN  
 273T4589-4 OPPOSITE



- 1 NO PRIMER OF ENAMEL
- 2 THIS TOLERANCE APPLIES TO AN AREA INSIDE 0.61 MINIMUM RADIUS FROM THE CENTER OF THE HOLES

- 125 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY
- BREAK ALL SHARP EDGES
- ITEM NUMBERS REFER TO IPL FIG. 1
- ALL DIMENSIONS ARE IN INCHES

273T4589-3,-4  
 Valve Bracket Repair  
 Figure 601

**32-12-12**

REPAIR 8-2  
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01.1

ASSEMBLY1. General

- A. This procedure has the data necessary to assemble the main landing gear door assembly.
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for details of the SOPM subjects identified in this procedure.
- C. Refer to IPL Fig. 1 for item numbers.

2. Door Assembly

## A. Consumable Materials

NOTE: Equivalent material can be used.

- (1) A00247 Sealant -- BMS 5-95 (SOPM 20-60-04)
- (2) C00259 Primer - BMS 10-11 (SOPM 20-60-02)
- (3) G02309 Shim, Moldable Plastic - BMS 8-338 (SOPM 20-60-04)

## B. References

- (1) SOPM 20-11-03, Repair of Electrical Terminations and Electrical Bonding Areas
- (2) SOPM 20-50-01, Bolt and Nut Installation
- (3) SOPM 20-50-20, How to Make and Install Resin Bonded Laminated Shims and Solid Fillers
- (4) SOPM 20-60-02, Finishing Materials
- (5) SOPM 20-60-04, Miscellaneous Materials

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## C. Procedure (Fig. 701)

- (1) Use standard industry practices and these steps.

**NOTE:** We recommend that you use the same tool you used in the DISASSEMBLY section to locate the centerline of the bushings or bearings before you install the hinge assemblies or the beam assemblies.

- (2) Install the center hinge beam assembly (500, 505):

- (a) Install the shims (535 thru 590) between the center hinge beam (525, 530) and the bonded panel assembly (595, 600) with the bolts (455, 460, 465, 490), the washer (470), the nut (480) and the jumper (485).

- 1) Install the bolts (455, 460, 465, 490), the washer (470) and the nut (480) with BMS 5-95 sealant as specified by flagnote 10.

- 2) Install the shims (565 thru 590) as specified by flagnotes 4, 7 and 11.

- 3) Install the shims (535 thru 560) as specified by flagnotes 4, 8 and 11.

- 4) Tighten nut (480) to 120-150 pound-inches.

- (3) Install the forward hinge assembly (45, 50):

- (a) Install the shims (95, 100) between the panel assembly (595, 600) and the forward hinge assembly (45, 50).

- (b) Install the forward hinge assembly (45, 50) to the panel assembly (595, 600) with the bolt (20), the washer (25) and the nut (35).

- 1) Install the bolt (20), the washer (25) and the nut (35) with BMS 5-95 sealant as specified by flagnote 10.

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ASSEMBLY

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COMPONENT  
MAINTENANCE MANUAL

- 2) Tighten nut (35) to 85-95 pound-inches.
- (c) Install the forward hinge assembly (45, 50), the jumper (40) with the bolt (10), the washers (25, 30) and the nut (35).
  - 1) Install the bolt (10), the washers (25, 30) and the nut (35) with BMS 5-95 sealant as specified by flagnote 10.
  - 2) Tighten nut (35) to 85-95 pound-inches.
- (4) Install the aft hinge assembly (55, 60):
  - (a) Install the shims (95, 100) between the panel assembly (595, 600) and the aft hinge assembly (55, 60). Install these shims as specified by flagnotes 4, 5 and 11.
  - (b) Install the aft hinge assembly (55, 60) to the panel assembly (595, 600) with the bolt (20), the washer (25) and the nut (35).
    - 1) Install the bolt (20), the washer (25) and the nut (35) with BMS 5-95 sealant as specified by flagnote 10.
  - (c) Tighten nut (35) to 85-95 pound-inches.
  - (d) Install the aft hinge assembly (55, 60) and the jumper (40) with the bolt (15), the washers (25, 30) and the nut (35).
    - 1) Install the bolt (15), the washers (25, 30) and the nut (35) with BMS 5-95 sealant as specified by flagnote 10.
    - 2) Tighten nut (35) to 85-95 pound-inches.
- (5) Install the bracket assembly (120, 125):
  - (a) Install the shims (150, 155) between the panel assembly (595, 600) and the bracket assembly (120, 125). Install these shims as specified by flagnotes 4, 5 and 11.

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(b) Install the bracket assembly (120, 125) with the bolts (105), the washers (110) and the nuts (115).

1) Install the bolt (105), the washer (110) and the nut (115) with BMS 5-95 sealant as specified in flagnote 10.

2) Tighten nut (115) to 30-50 pound-inches.

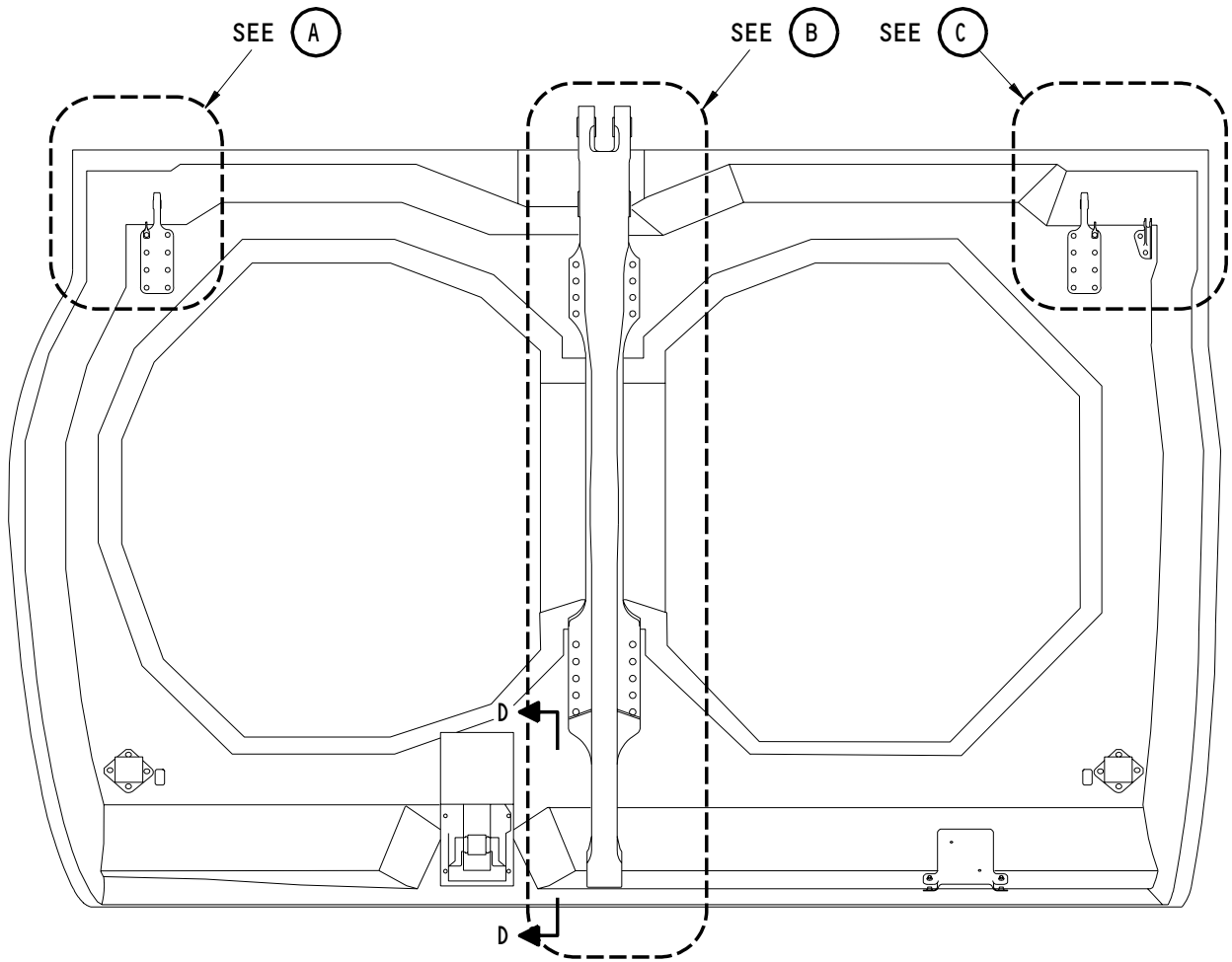
**32-12-12**

ASSEMBLY

01.1

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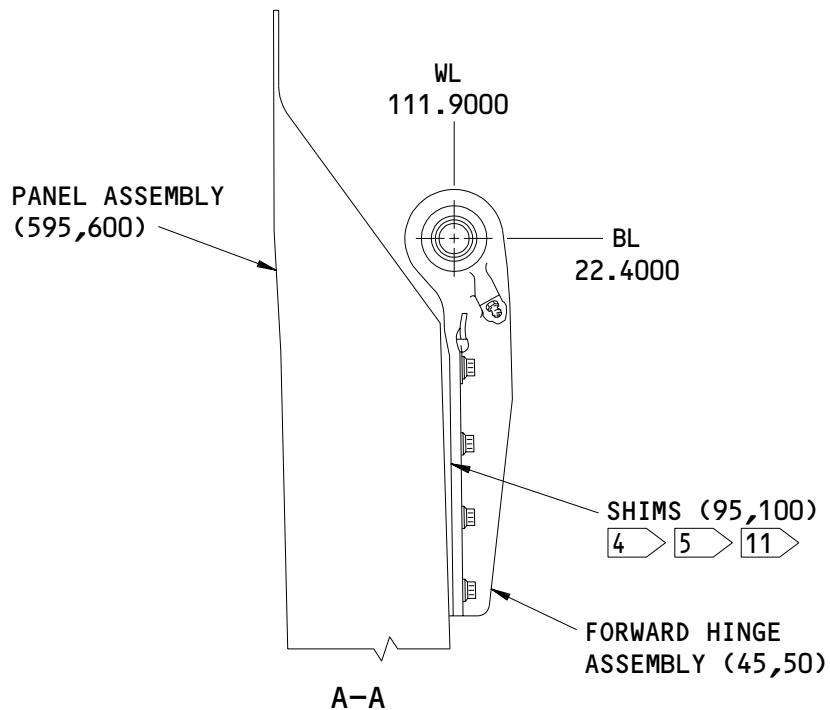
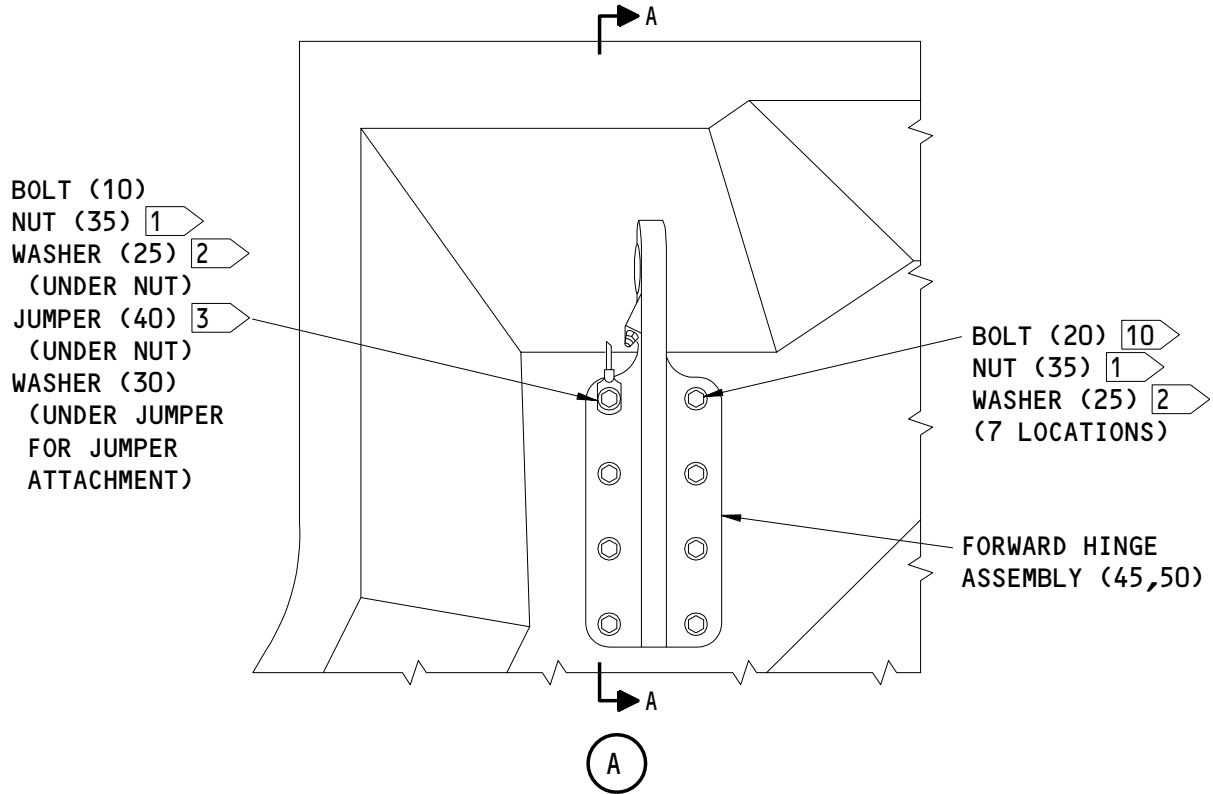
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Assembly Details  
Figure 701 (Sheet 1)

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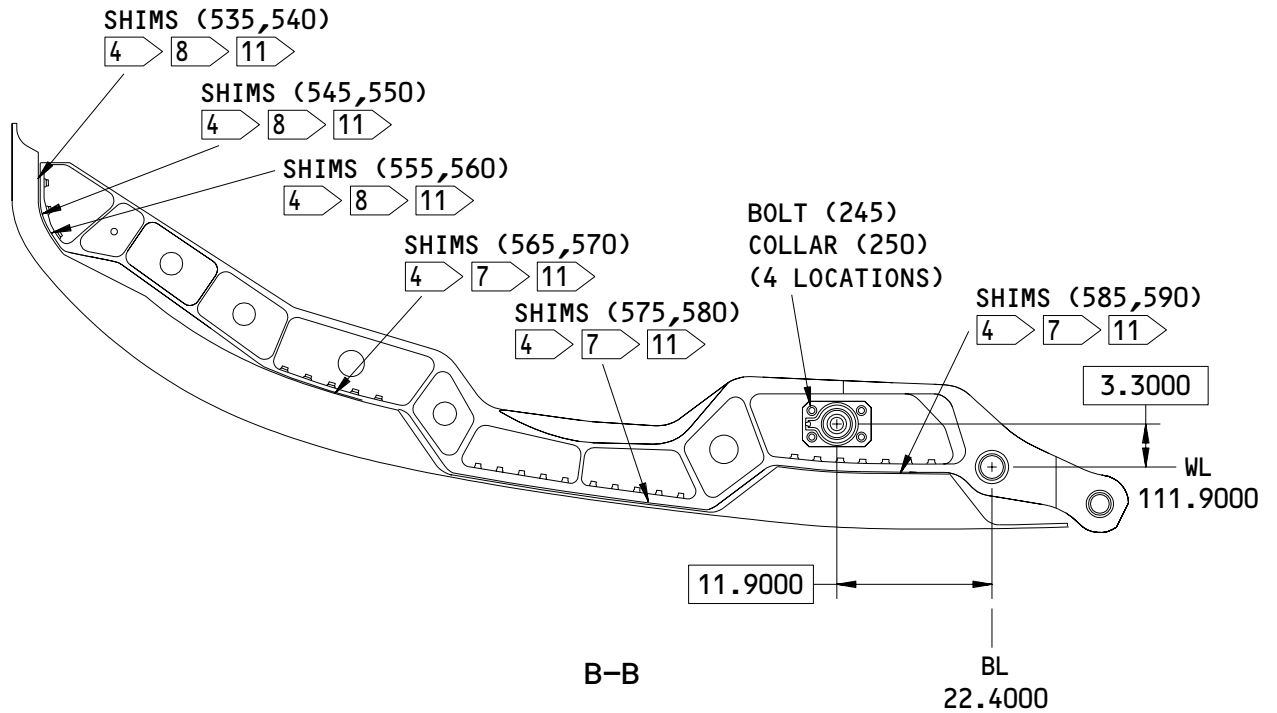
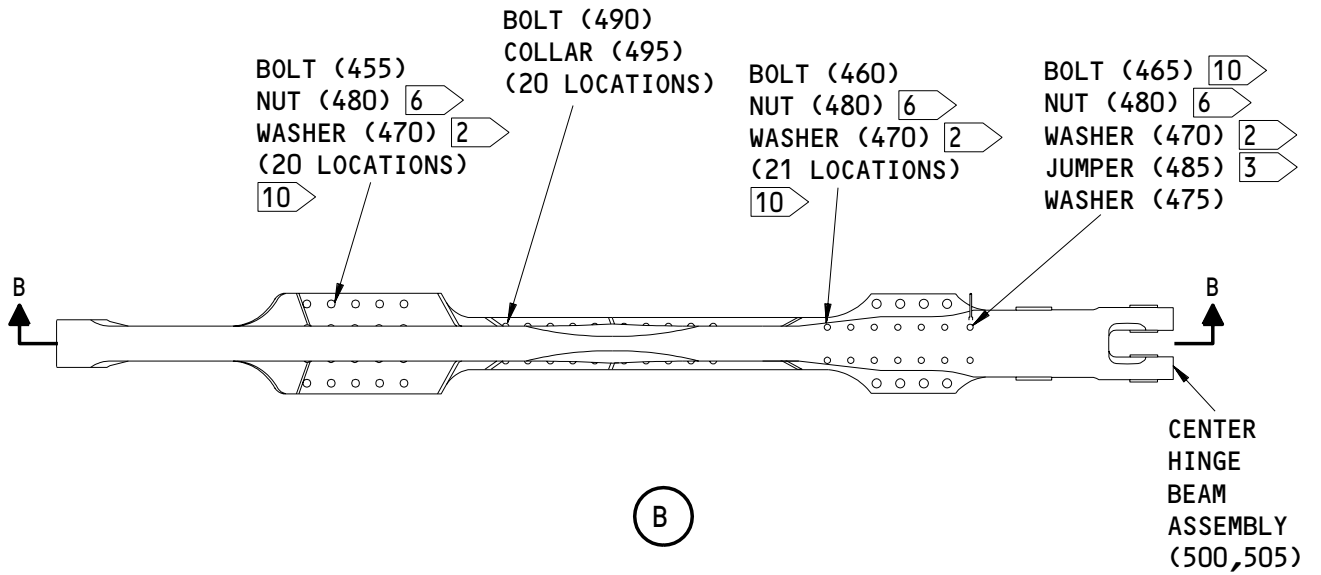
Assembly Details  
 Figure 701 (Sheet 2)

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**BOEING**  
 COMPONENT  
 MAINTENANCE MANUAL



Assembly Details  
 Figure 701 (Sheet 3)

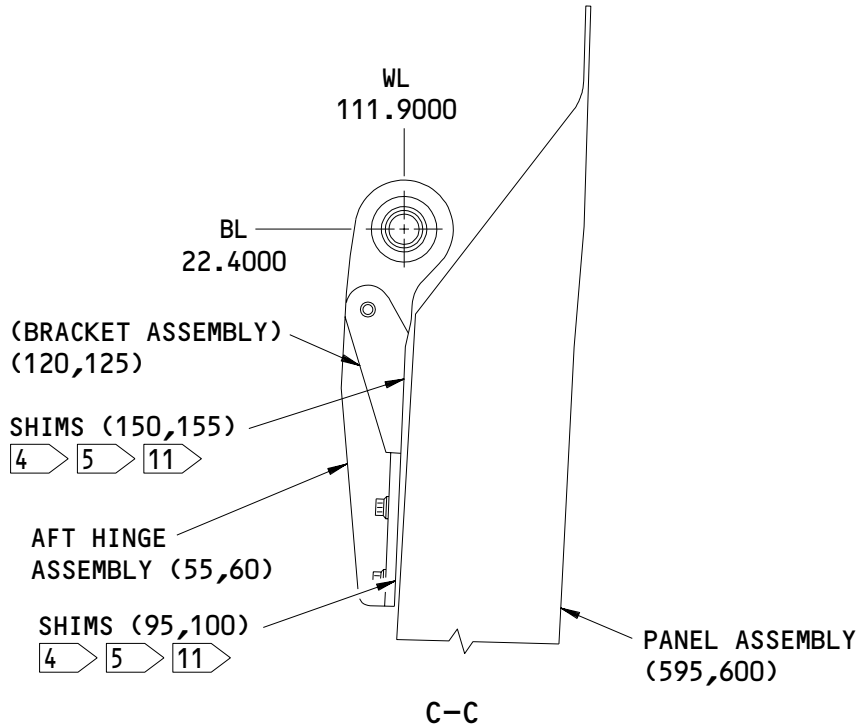
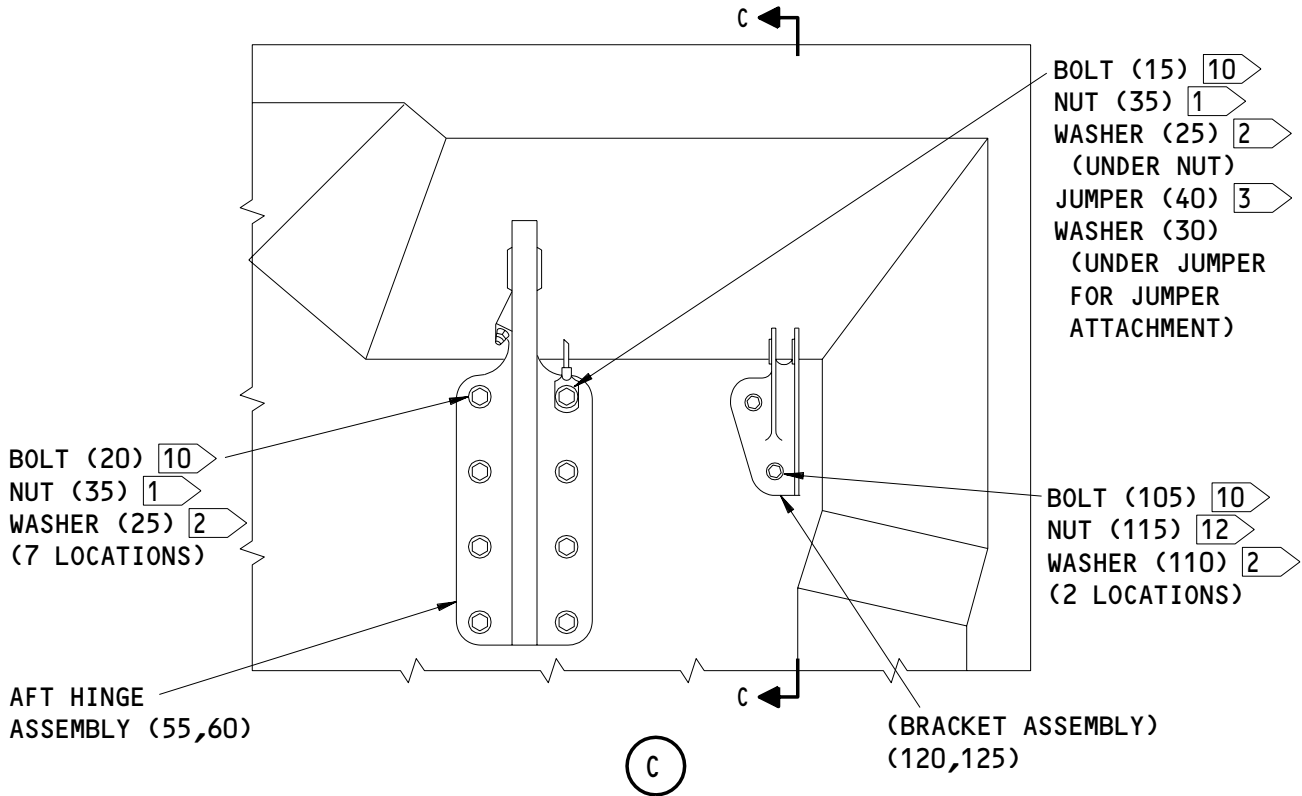
**32-12-12**

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COMPONENT  
MAINTENANCE MANUAL



Assembly Details  
Figure 701 (Sheet 4)

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**BOEING**  
 COMPONENT  
 MAINTENANCE MANUAL

- 1 TIGHTEN TO 85-95 POUND-INCHES
- 2 MAXIMUM OF THREE WASHERS IS PERMITTED UNDER THE NUT
- 3 INSTALL BONDING JUMPER (40) (SOPM 20-11-03). YOU CAN TURN THE JUMPER  $\pm 30^\circ$  FROM THE POSITION SHOWN
- 4 IF THE CLEARANCE BETWEEN THE DOOR AND THE FITTING IS GREATER THAN 0.060 INCH, INSTALL MORE SHIMS
- 5 INSTALL A MAXIMUM OF TWO SHIMS. THE TOTAL SHIM THICKNESS MUST BE 0.16 INCH MAXIMUM
- 6 TIGHTEN TO 120-150 POUND-INCHES
- 7 INSTALL A MAXIMUM OF THREE SHIMS. THE TOTAL SHIM THICKNESS MUST BE 0.20 INCH MAXIMUM
- 8 INSTALL A MAXIMUM OF FOUR SHIMS. THE TOTAL SHIM THICKNESS MUST BE 0.30 INCH MAXIMUM
- 9 INSTALL A MAXIMUM OF THREE SHIMS. THE TOTAL SHIM THICKNESS MUST BE 0.24 INCH MAXIMUM
- 10 INSTALL THE BOLTS, WASHERS AND NUTS WITH BMS 5-95 SEALANT AS SHOWN IN SOPM 20-50-19, METHOD 2
- 11 FAY SURFACE SEAL THE MATING SURFACES WITH BMS 5-95 SEALANT. IF THE CLEARANCE IS GREATER THAN 0.060 INCH, APPLY BMS 8-338 MOLDABLE PLASTIC SHIM (SOPM 20-50-20). TOUCH UP BARE SHIM EDGES WITH CHEMICAL TREAT (F-17.10), APPLY BMS 10-11, TYPE 1 PRIMER (F-20.02) AND APPLY BMS 10-11, TYPE 2 ENAMEL (F-21.17)
- 12 TIGHTEN TO 30-50 POUND-INCHES

125 / ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

ITEM NUMBERS REFER TO IPL FIG. 1

ALL DIMENSIONS ARE IN INCHES

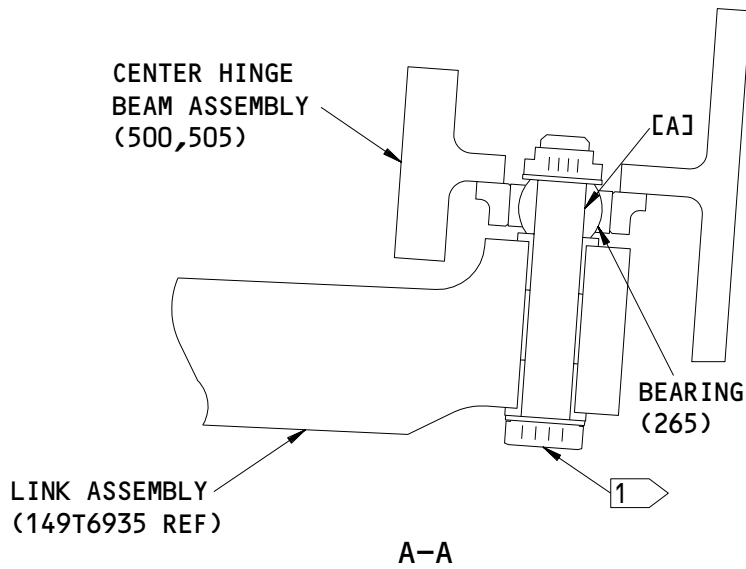
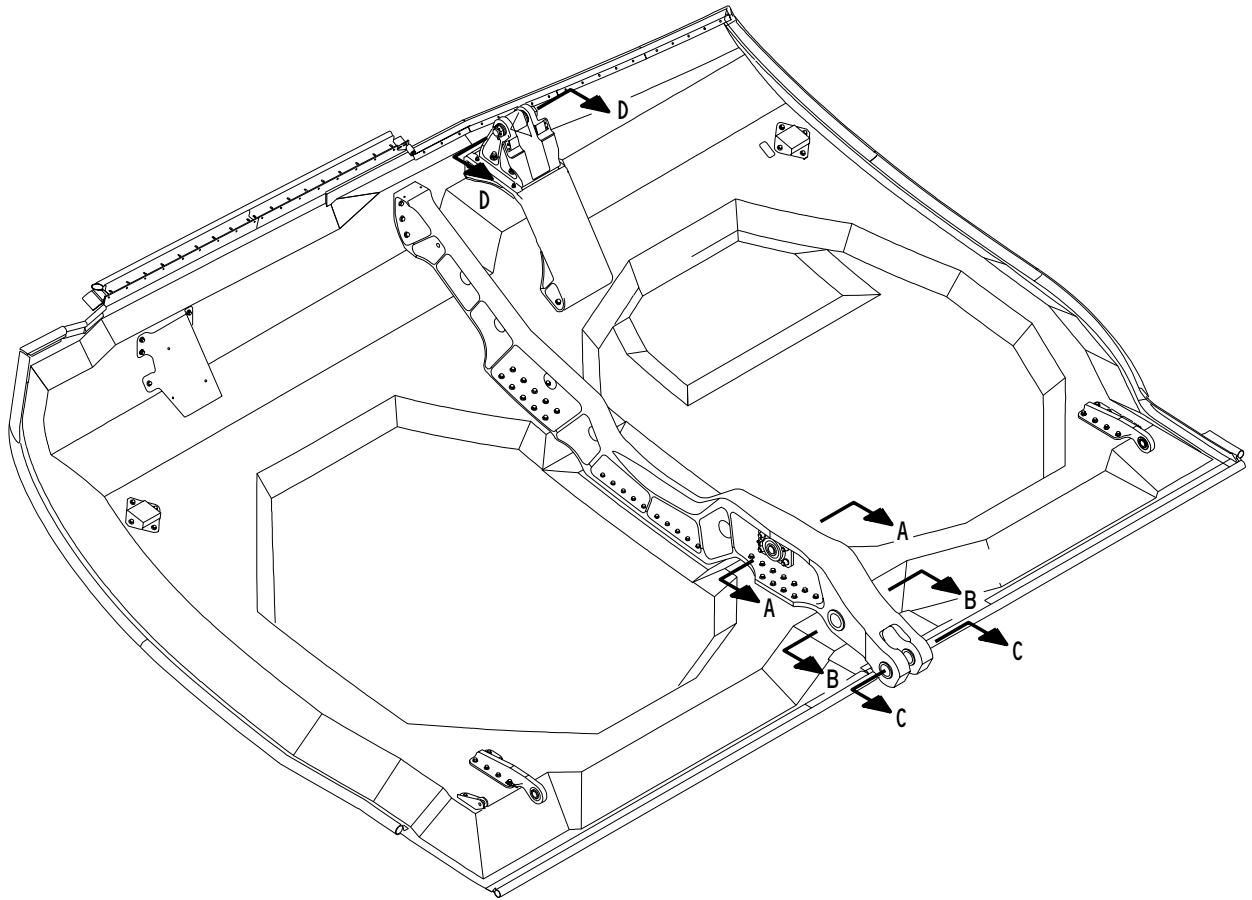
Assembly Details  
 Figure 701 (Sheet 5)

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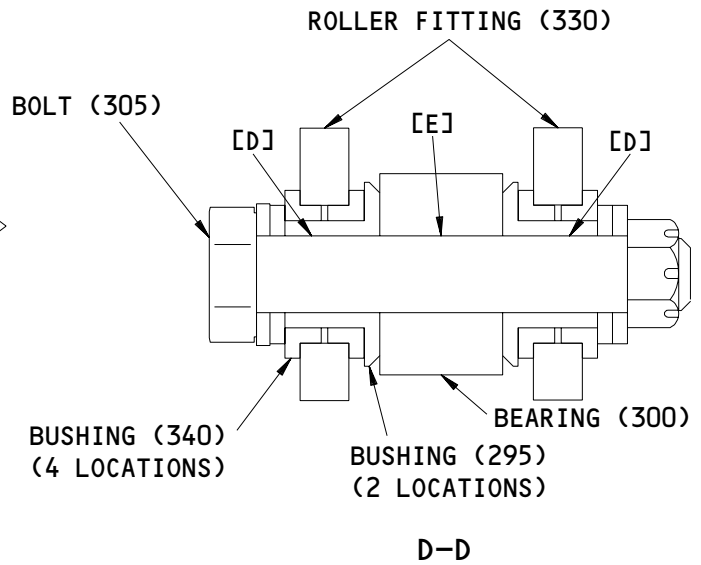
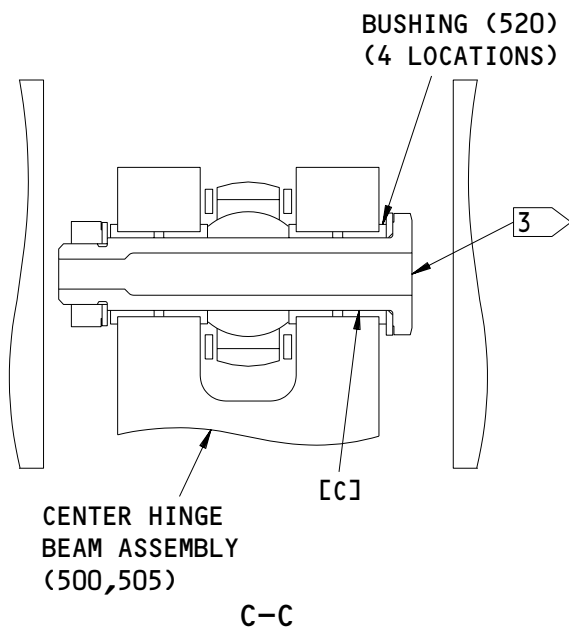
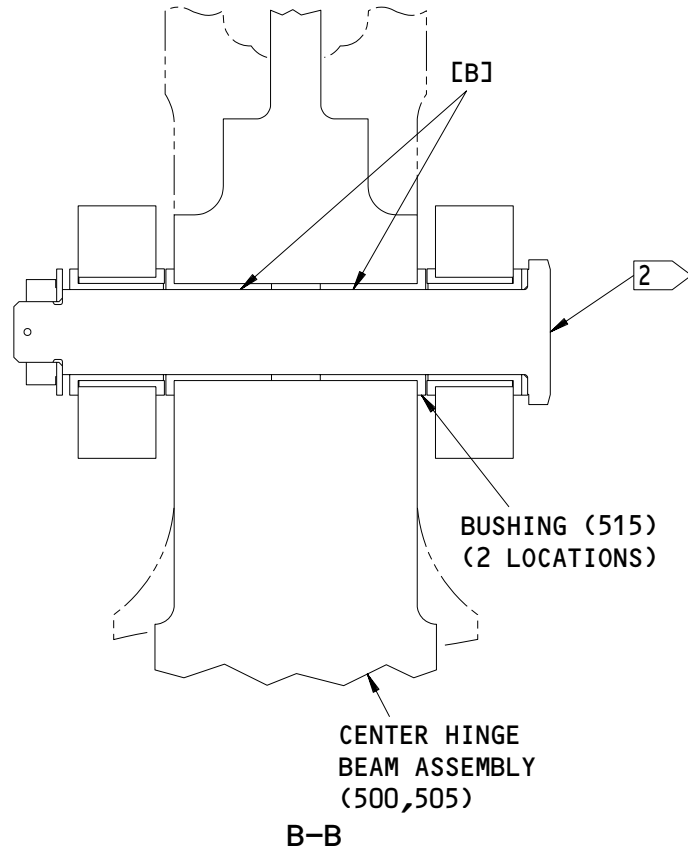
**BOEING**  
COMPONENT  
MAINTENANCE MANUAL  
FITS AND CLEARANCES



Fits and Clearances  
Figure 801 (Sheet 1)

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FITS AND CLEARANCES  
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

ITEM NUMBERS REFER TO IPL FIG. 1

Fits and Clearances  
 Figure 801 (Sheet 2)




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FITS AND CLEARANCES  
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REF LETTER	REF IPL	DESIGN DIMENSION*				SERVICE WEAR LIMIT*		
	FIG. 1, MATING ITEM NO.	DIMENSION		ASSEMBLY CLEARANCE		DIMENSION		MAXIMUM CLEARANCE
		MIN	MAX	MIN	MAX	MIN	MAX	
[A]	ID 265	1.0000	1.0005	0.0010	0.0025	0.9948	1.0042	0.0052
	OD 	0.9980	0.9990					
[B]	ID 515	1.7495	1.7505	0.0005	0.0030	1.7423	1.7562	0.0072
	OD 	1.7475	1.7490					
[C]	ID 520	1.4995	1.5005	0.0005	0.0030	1.4932	1.5053	0.0063
	OD 	1.4975	1.4990					
[D]	ID 295	0.8755	0.8765	0.0013	0.0029			
	OD 305	0.8736	0.8742					
[E]	ID 300	0.8743	0.8750	0.0001	0.0014			
	OD 305	0.8736	0.8742					

\* ALL DIMENSIONS ARE IN INCHES

-  INSTALLATION PIN 149T6986-11  
 INSTALLATION BOLT 149T6985-13  
 INSTALLATION BOLT 149T6985-12

Fits and Clearances  
 Figure 801 (Sheet 3)

**32-12-12**

FITS AND CLEARANCES  
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REF IPL		NAME	TORQUE*	
FIG. NO.	ITEM NO.		POUND-INCHES	POUND-FEET
1	35	Nut	85 - 95	
1	115	Nut	30 - 50	
1	480	Nut	120 - 150	

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

Torque Table  
 Figure 802

**32-12-12**

FITS AND CLEARANCES  
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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

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

06725 AIR INDUSTRIES CORPORATION  
12570 KNOTT STREET  
GARDEN GROVE, CALIFORNIA 92641-3932  
FORMERLY AIR INDUSTRIES OF CALIF IN GARDENA, CALIF.

06950 SCREWCORP VSI AEROSPACE PRODUCTS DIV FAIRCHILD IND DIV  
13001 EAST TEMPLE AVENUE PO BOX 730  
CITY OF INDUSTRY, CALIFORNIA 91746-1417  
FORMERLY VB0096 AND VSI CORP SCREWCORP DIV  
FORMERLY IN CULVER CITY, CALIFORNIA

07484 ACCURATE BUSHING CO INC  
443 NORTH AVENUE  
GARWOOD, NEW JERSEY 07027-1014  
FORMERLY V83132 SMITH BRG DIV OF ACCURATE BUSHING CO

08524 DEUTSCH FASTENER CORP SEE CODE V97928

1FF12 CIRCUIT SYSTEMS CO  
2621 COLORADO CIR PO BOX 171322  
ARLINGTON, TEXAS 76017

1GK47 R AND B ELECTRONICS INC  
2374 NW DALLAS STREET  
GRAND PRAIRIE, TEXAS 75050

10630 ANILLO INDUSTRIES, INCORPORATED  
2090 NORTH GLASSELL  
ORANGE, CALIFORNIA 92667  
FORMERLY WESTERN WASHER DIV OF SENG CO V87487

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

16746 SPECLINE INCORPORATED  
2230 MOUTON DR  
CARSON CITY, NV 89706  
FORMERLY IN SUN VALLEY, CAIFORNIA

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ILLUSTRATED PARTS LIST  
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**BOEING**  
 COMPONENT  
 MAINTENANCE MANUAL
VENDORS

17446 HUCK MFG CO GOV CONTRACTS LOS ANGELES DIV SUB OF FED-MOGUL  
 900 WATSON CENTER ROAD  
 CARSON, CALIFORNIA 90745

5M902 FAIRCHILD IND INC FAIRCHILD AEROSPACE FASTENER DIV  
 3016 W LOMITA BLVD  
 TORRANCE, CALIFORNIA 90505-5103  
 FMLY IN REDONDO BEACH, CALIF

56644 AURORA BEARING CO  
 970 SOUTH LAKE STREET  
 AURORA, ILLINOIS 60506-5929

56878 SPS TECHNOLOGIES INC AEROSPACE AND INDUSTRIAL PRODUCTS DIV  
 HIGHLAND AVENUE  
 JENKINTOWN, PENNSYLVANIA 19046  
 FORMERLY STANDARD PRESSED STEEL

60380 TORRINGTON CO BEARINGS DIV SUBSIDIARY OF INGERSOLL-RAND CORP  
 59 FIELD STREET PO BOX 1008  
 TORRINGTON, CONNECTICUT 06790-4942  
 FORMERLY TORRINGTON BEARING COMPANY

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

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

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

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

80539 SPS TECHNOLOGIES INC AEROSPACE PRODUCTS DIV  
 2701 SOUTH HARBOR BOULEVARD PO BOX 1259  
 SANTA ANA, CALIFORNIA 92702-1259  
 FORMERLY NUTT-SHEL DIV OF SPC WESTERN CO V80539  
 AND STANDARD PRESSED STEEL WESTERN DIV V17279

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VENDORS

9N513 VOI SHAN/CHATSWORTH DIV OF VSI CORP SUB OF FAIRCHILD IND  
CHATSWORTH, CALIFORNIA 91311-5013  
COMPANY NO LONGER WISHES TO BE CONSIDERED FOR FED CONTRCTG

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

92215 FAIRCHILD IND INC FAIRCHILD AEROSPACE FASTENER DIV  
3010 W LOMITA BLVD  
TORRANCE, CALIFORNIA 90505-5102  
FORMERLY VOI-SHAN IN CULVER CITY, CALIF

92563 MCGILL MFG CO INC BEARINGS DIV  
909 LAFAYETTE STREET  
VALPARAISO, INDIANA 46383-4210

97928 HUCK INTL INC  
3969 PARAMOUNT BLVD  
LAKEWOOD, CALIFORNIA 90712-4193

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
AS46-3		1	716	6
		1	954	3
ATL14		1	300	1
BACB10GB12GC		1	70	2
BACB10GB16GC		1	265	1
BACB28AP04P012		1	130	1
BACB28AT06A012C		1	135	1
BACB28AT18B035C		1	340	4
BACB28AT24B075C		1	520	4
BACB28AU28B200C		1	515	2
BACB30LR5-73		1	15	1
BACB30LR5-74		1	10	1
BACB30LR6-80		1	465	1
BACB30MY14K15		1	245	4
BACB30NM3K4		1	814	37
BACB30NN4K70		1	105	2
BACB30NN5K29		1	200	6
BACB30NN5K68		1	165	4
BACB30NN5K69		1	160	4
BACB30NN5K72		1	20	14
BACB30NN6K40		1	450	4
BACB30NN6K42		1	445	2
BACB30NN6K74		1	455	20
BACB30NN6K77		1	405	4
BACB30NN6K79		1	460	21
BACB30NN8K38		1	390	4
BACB30NY10K16		1	490	20
BACB30VF3K1		1	950	8
BACB30VF3K2		1	649	6
BACB30VF3K3		1	650	33
		1	712	18
		1	812	22
BACB30VF3K4		1	652	1
		1	704	13
		1	738	32
		1	808	14
BACB30VF3K5		1	654	1
		1	710	5
		1	810	7
		1	944	13
BACB30VF3K6		1	706	4
		1	816	2
BACB30VF3K7		1	708	4
		1	818	2
BACB30VF3K7		1	946	2

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACB30VF3K8		1	820	14
		1	948	1
BACB30VF3K9		1	821	5
BACB30VT5HK6		1	345	4
BACB30VT8K11		1	320	4
BACC30BH10		1	495	20
BACC30BL5		1	350	4
BACC30BL8		1	325	4
BACC30M10		1	495B	20
BACC30M14		1	250	4
BACJ40AB24-20		1	485	1
BACJ40AB26-12		1	40	2
BACN10JC8CD		1	400	4
BACN10JD114		1	280	1
BACN10KH3CD		1	692	5
BACN10MT3		1	720	6
		1	958	3
BACN10YR3CD		1	658	40
		1	718	38
		1	742	32
		1	826	103
		1	956	13
BACN10YR4CD		1	115	2
BACN10YR5CD		1	35	16
		1	175	8
		1	210	6
BACN10YR6CD		1	415	4
		1	480	48
BACP18BC04C14P		1	275	1
BACR15BA3ADC		1	690	10
BACR15BA4ADC		1	676	4
BACR15BA6AD		1	225	4
BACR15CE6AD		1	960	38

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACR15FT6KE		1	220	6
BACS40R059F069F		1	375	1
BACW10AU3		1	716	6
		1	954	3
BACW10BP14CD		1	290	1
BACW10BP3CD		1	824	37
BACW10BP3DP		1	656	40
		1	714	38
		1	740	32
		1	822	103
BACW10BP3DP		1	952	13
BACW10BP4DP		1	110	2
BACW10BP5DP		1	25	16
		1	170	8
		1	205	6
BACW10BP6DP		1	410	4
		1	470	48
BACW10BP8DP		1	395	4
BMN4122CPD8-8		1	400	4
BNG12H118C		1	70	2
BNG16H118C		1	265	1
B3OMY14K15		1	245	4
FS1651-3		1	692	5
HL10VAZ14-15		1	245	4
HL1087-10		1	495	20
HL13VAZ10-16		1	490	20
HL79-10		1	495B	20
HL79-14		1	250	4
HST10AG8-11		1	320	4
HST79-5		1	350	4
HST79-8		1	325	4
HST79CY5		1	350	4
HST79CY8		1	325	4
H19700P3		1	720	6
		1	958	3

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
H51650-8BAC		1	400	4
H52732-3CD		1	658	40
		1	718	38
		1	742	32
		1	826	103
		1	956	13
H52732-4CD		1	115	2
H52732-5CD		1	35	16
		1	175	8
		1	210	6
H52732-6CD		1	415	4
		1	480	48
K19701P3		1	716	6
		1	954	3
L801-10K16		1	490	20
MS15001-1		1	65	2
		1	260	1
		1	310	1
		1	335	2
		1	510	1
NAS1149D0516J		1	30	2
NAS1149D0616J		1	475	1
NAS1149E1490P		1	285	3
NAS1835C3P		1	934	8
NC12G10C		1	70	2
NC16G10C		1	265	1
NS202496-02		1	692	5
PLH53CD		1	658	40
		1	718	38
		1	742	32
		1	826	103
		1	956	13

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
PLH54CD		1	115	2
PLH55CD		1	35	16
		1	175	8
		1	210	6
PLH56CD		1	415	4
		1	480	48
RBEJ40AB23-12		1	40	2
RBEJ40AB24-20		1	485	1
TLN1020L3N		1	720	6
		1	958	3
TLN1020L3W		1	716	6
		1	954	3
VL310AG5-6		1	345	4
YAT14B		1	300	1
100224-20		1	485	1
100226-12		1	40	2
102F9209M3		1	692	5
102LH9074-8		1	400	4
14AL3234		1	300	1
149T6100-1		1	1A	RF
149T6100-11		1	796	2
149T6100-13		1	804	1
149T6100-15		1	806	1
149T6100-17		1	802	4
149T6100-19		1	746	3
149T6100-2		1	5	RF
149T6100-21		1	744	1
149T6100-23		1	748	1
149T6100-25		1	750	1
149T6100-27		1	756	1
149T6100-29		1	754	1
149T6100-31		1	752	1
149T6100-35		1	1B	RF
149T6100-36		1	5A	RF
149T6100-39		1	1C	RF
149T6100-40		1	5B	RF
149T6100-43		1	1D	RF
149T6100-44		1	5C	RF
149T6100-47		1	1E	RF
149T6100-48		1	5D	RF
149T6100-5		1	644	1
		1	702	4
		1	798	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
149T6100-7		1	646	1
149T6100-9		1	800	1
149T6101-1		1	585	1
149T6101-11		1	535	1
149T6101-13		1	425	1
149T6101-15		1	435	1
149T6101-17		1	95	2
149T6101-19		1	150	1
149T6101-21		1	590	2
149T6101-23		1	580	2
149T6101-25		1	570	2
149T6101-27		1	560	3
149T6101-29		1	550	3
149T6101-3		1	575	1
149T6101-31		1	540	3
149T6101-33		1	430	3
149T6101-35		1	440	3
149T6101-37		1	100	4
149T6101-39		1	155	2
149T6101-41		1	370	1
149T6101-42		1	585A	1
149T6101-43		1	590A	2
149T6101-44		1	565A	1
149T6101-45		1	570A	2
149T6101-46		1	425A	1
149T6101-47		1	430A	3
149T6101-48		1	375A	1
149T6101-49		1	370A	1
149T6101-5		1	565	1
149T6101-50		1	375B	1
149T6101-51		1	435A	1
149T6101-52		1	440A	3
149T6101-7		1	555	1
149T6101-9		1	545	1
149T6103-1		1	295	2

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
149T6110-1		1	930	1
149T6110-101		1	936	1
149T6110-102		1	938	1
149T6110-103		1	936A	1
149T6110-104		1	938A	1
149T6110-105		1	936B	1
149T6110-106		1	938B	1
149T6110-2		1	932	1
149T6110-83		1	930A	1
149T6110-84		1	932A	1
149T6110-85		1	930B	1
149T6110-86		1	932B	1
149T6120-1		1	45	1
149T6120-2		1	50	1
149T6120-3		1	55	1
149T6120-4		1	60	1
149T6120-5		1	75	1
149T6120-6		1	80	1
149T6120-7		1	85	1
149T6120-8		1	90	1
149T6130-1		1	500	1
149T6130-2		1	505	1
149T6130-3		1	525	1
149T6130-4		1	530	1
149T6130-5		1	525A	1
149T6130-6		1	530A	1
149T6140-1		1	330	1
149T6140-3		1	365	1
149T6140-5		1	330A	1
149T6140-6		1	365A	1
149T6141-1		1	420	1
149T6141-2		1	420A	1
149T6141-3		1	420B	1
149T6142-1		1	385	1
149T6142-2		1	380	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
149T6142-3		1	385A	1
149T6142-4		1	380A	1
149T6150-1		1	180	1
149T6150-2		1	185	1
149T6150-3		1	190	1
149T6150-4		1	195	1
149T6150-5		1	180A	1
149T6150-6		1	190A	1
149T6150-7		1	185B	1
149T6150-8		1	195B	1
149T6160-1		1	736	1
149T6160-10		1	684	1
149T6160-101		1	882	1
149T6160-102		1	884	1
149T6160-103		1	699	1
149T6160-105		1	701	1
149T6160-107		1	779	1
149T6160-108		1	779P	1
149T6160-109		1	731	1
149T6160-11		1	828	1
149T6160-110		1	737	1
149T6160-113		1	758A	1
149T6160-114		1	760A	1
149T6160-115		1	762A	1
149T6160-116		1	764A	1
149T6160-117		1	766A	1
149T6160-118		1	768A	1
149T6160-119		1	774A	1
149T6160-12		1	830	1
149T6160-120		1	776A	1
149T6160-121		1	770A	1
149T6160-122		1	772A	1
149T6160-13		1	854	1
149T6160-15		1	856	1
149T6160-16		1	858	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
149T6160-17		1	886	1
149T6160-19		1	888	1
149T6160-21		1	890	1
149T6160-22		1	892	1
149T6160-23		1	724	1
149T6160-25		1	758	1
149T6160-26		1	760	1
149T6160-27		1	762	1
149T6160-28		1	764	1
149T6160-29		1	766	1
149T6160-3		1	732	1
149T6160-30		1	768	1
149T6160-31		1	774	1
149T6160-32		1	776	1
149T6160-33		1	770	1
149T6160-34		1	772	1
149T6160-35		1	672	1
149T6160-36		1	674	1
149T6160-37		1	668	1
149T6160-38		1	670	1
149T6160-39		1	664	1
149T6160-4		1	734	1
149T6160-40		1	666	1
149T6160-41		1	660	1
149T6160-42		1	662	1
149T6160-43		1	659	3
149T6160-45		1	838	1
149T6160-47		1	832	1
149T6160-49		1	844	1
149T6160-5		1	728	1
149T6160-51		1	864	1
149T6160-53		1	860	1
149T6160-54		1	862	1
149T6160-55		1	866	1
149T6160-56		1	868	1
149T6160-57		1	870	1
149T6160-58		1	872	1
149T6160-59		1	874	1
149T6160-6		1	730	1
149T6160-60		1	876	1
149T6160-61		1	902	1
149T6160-63		1	904	1
149T6160-64		1	906	1
149T6160-65		1	908	1
149T6160-66		1	910	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
149T6160-67		1	700	1
149T6160-69		1	698	1
149T6160-7		1	726	1
149T6160-71		1	722	1
149T6160-73		1	778	1
149T6160-75		1	640	1
149T6160-76		1	642	1
149T6160-77		1	788	1
149T6160-78		1	790	1
149T6160-79		1	840	1
149T6160-80		1	842	1
149T6160-81		1	834	1
149T6160-82		1	836	1
149T6160-83		1	846	1
149T6160-84		1	848	1
149T6160-85		1	850	1
149T6160-86		1	852	1
149T6160-87		1	894	1
149T6160-88		1	896	1
149T6160-89		1	678	1
149T6160-9		1	682	1
149T6160-90		1	680	1
149T6160-91		1	898	1
149T6160-92		1	900	1
149T6160-93		1	780	1
149T6160-94		1	782	1
149T6160-95		1	784	1
149T6160-96		1	786	1
149T6160-97		1	878	1
149T6160-99		1	880	2
149T6161-1		1	702A	4
149T6161-2		1	746A	3
149T6161-3		1	744A	1
149T6170-1		1	215	1
149T6170-2		1	240	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
149T6170-3		1	235	1
149T6170-4		1	230	1
149T6905-1		1	255	1
149T6905-2		1	270	1
149T6912-1		1	940	1
		1	942	1
149T6913-1		1	970	1
149T6913-2		1	972	1
149T6914-1		1	962	1
149T6914-2		1	964	1
149T6914-3		1	966	1
149T6914-4		1	968	1
149T6915-1		1	686	1
149T6915-2		1	688	1
149T6915-3		1	694	1
149T6915-4		1	696	1
149T6986-5		1	305	1
149T6986-8		1	315	1
273T4589-1		1	120	1
273T4589-2		1	125	1
273T4589-3		1	140	1
273T4589-4		1	145	1
284T0860-1		1	355	1
284T0860-2		1	360	1
284T4911-11		1	157A	1
284T4911-5		1	157	1
52LH6073-02		1	720	6
		1	958	3
53488N1032		1	720	6
		1	958	3
53488W1032		1	716	6
		1	954	3

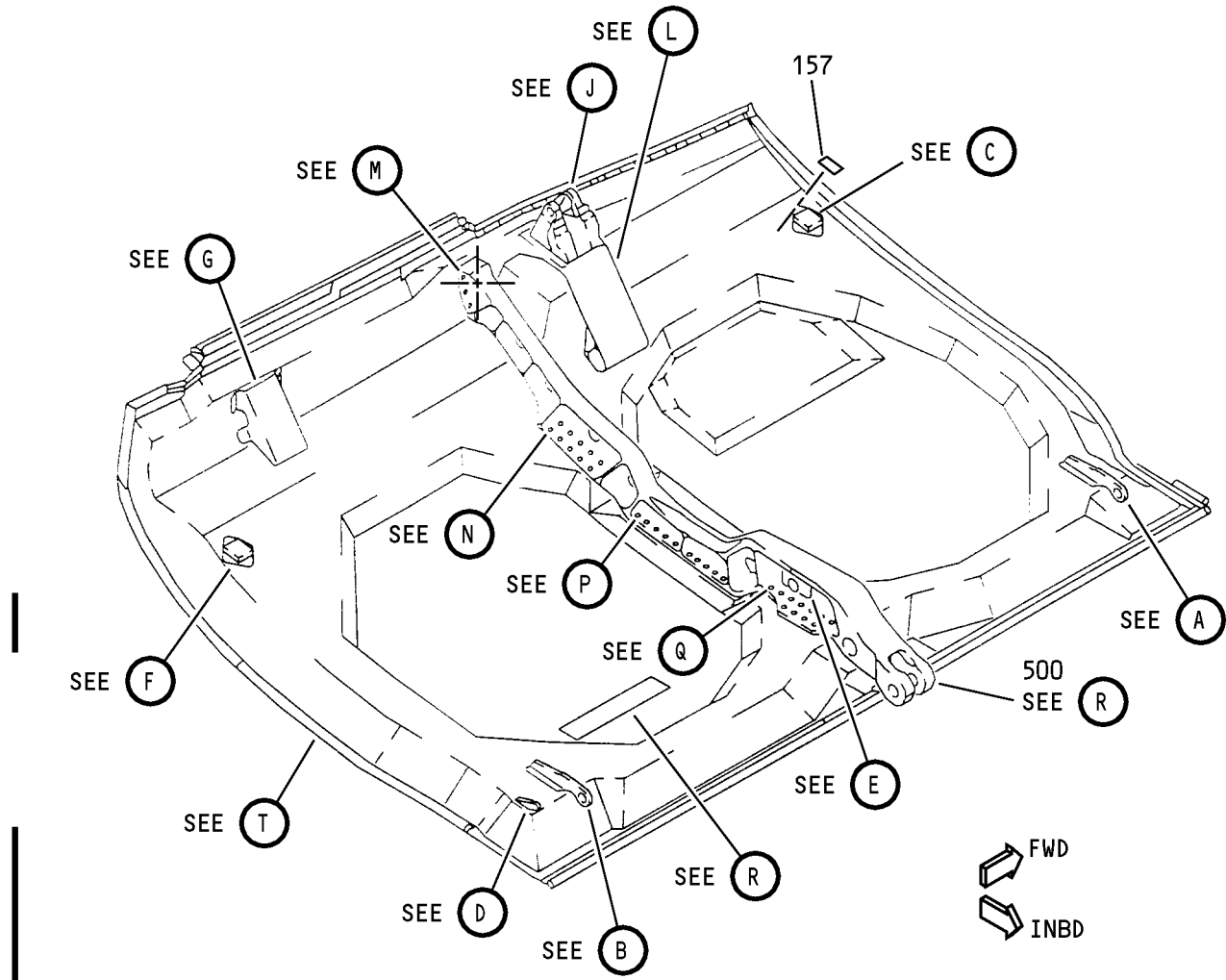
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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
6073-0		1	716	6
		1	954	3
66014-10		1	495B	20
66014-14		1	250	4
69235-820CD		1	400	4
940CW24-20		1	485	1
940CW26-12		1	40	2

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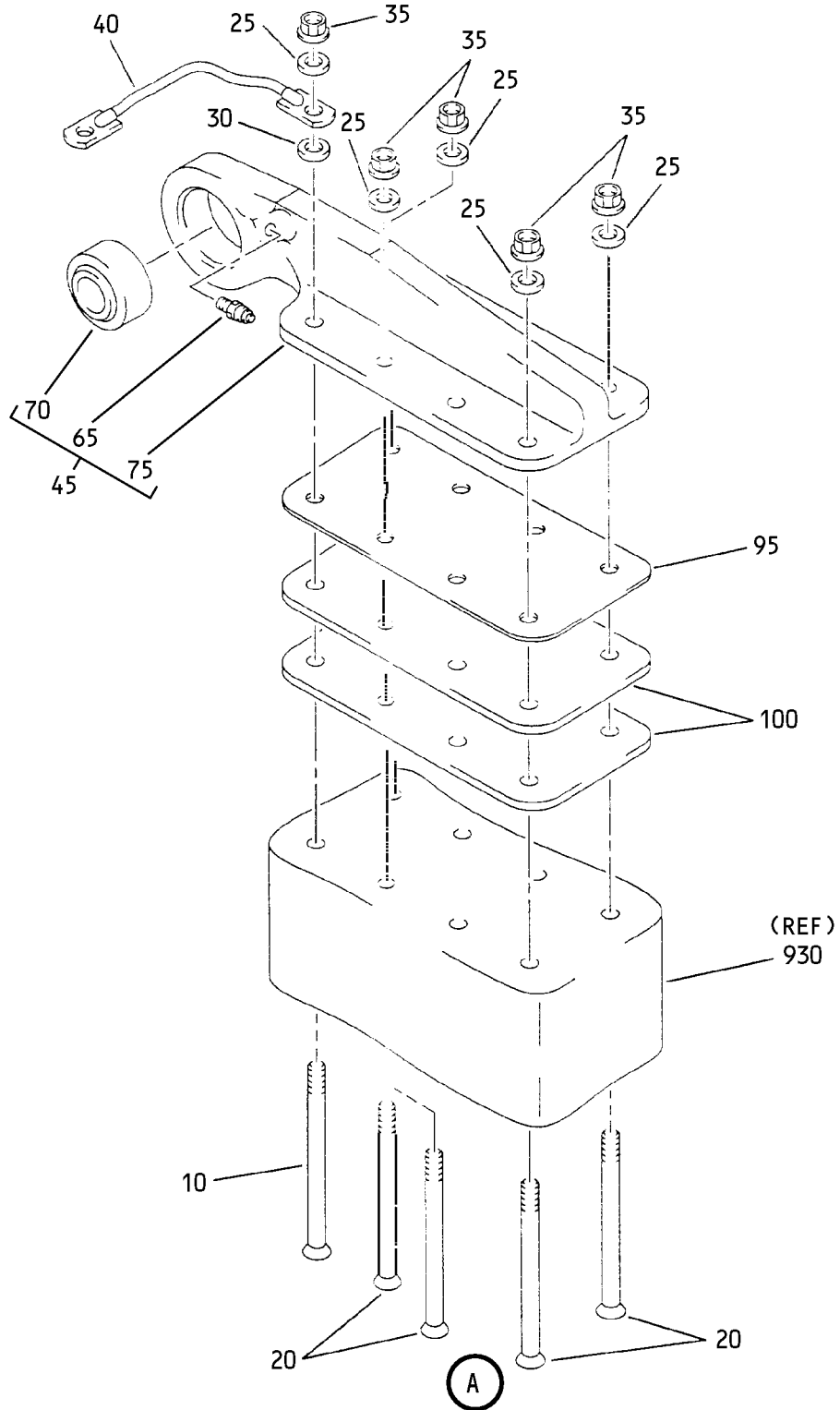


Main Landing Gear Door Assembly  
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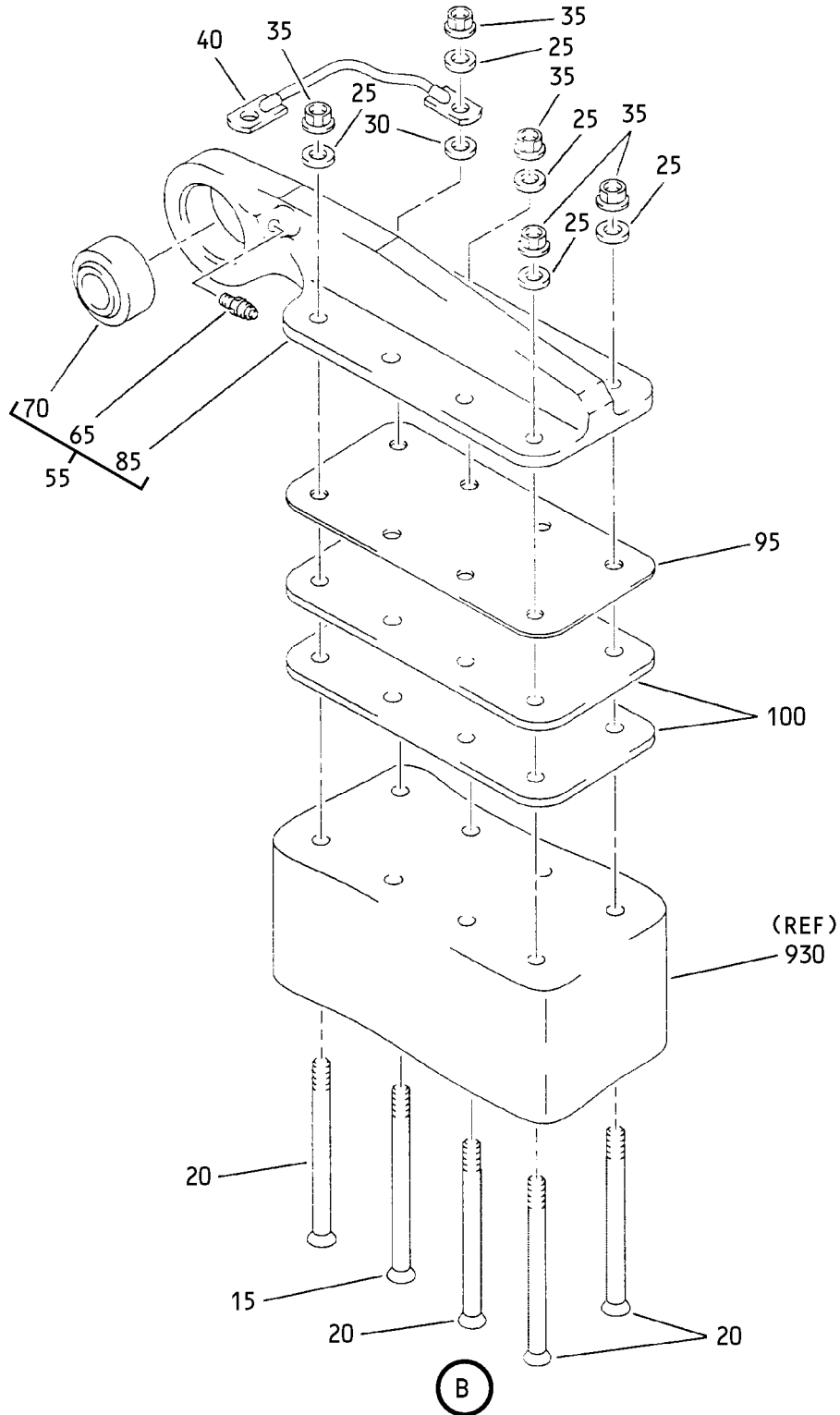
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Main Landing Gear Door Assembly  
Figure 1 (Sheet 2)

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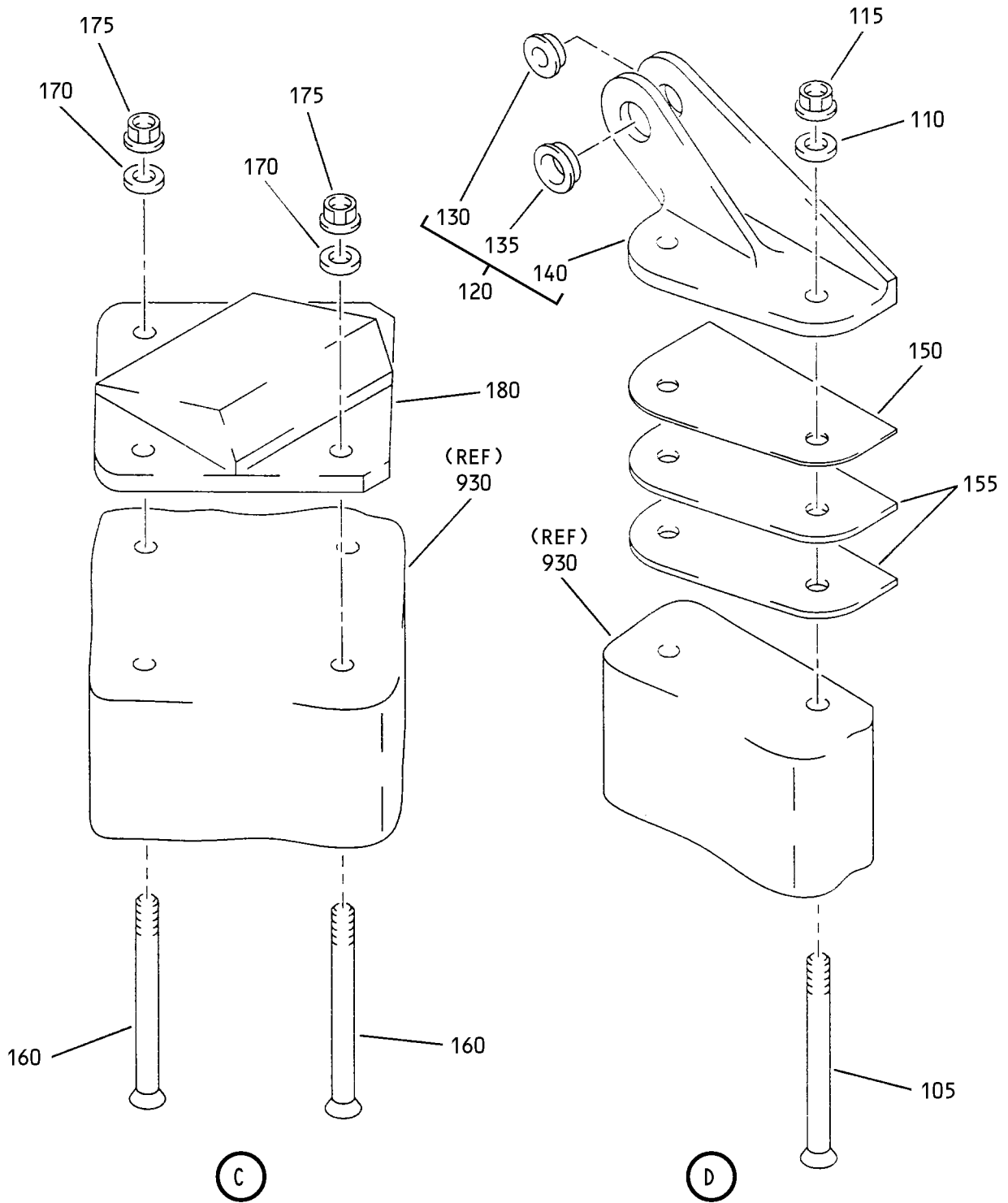
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Main Landing Gear Door Assembly  
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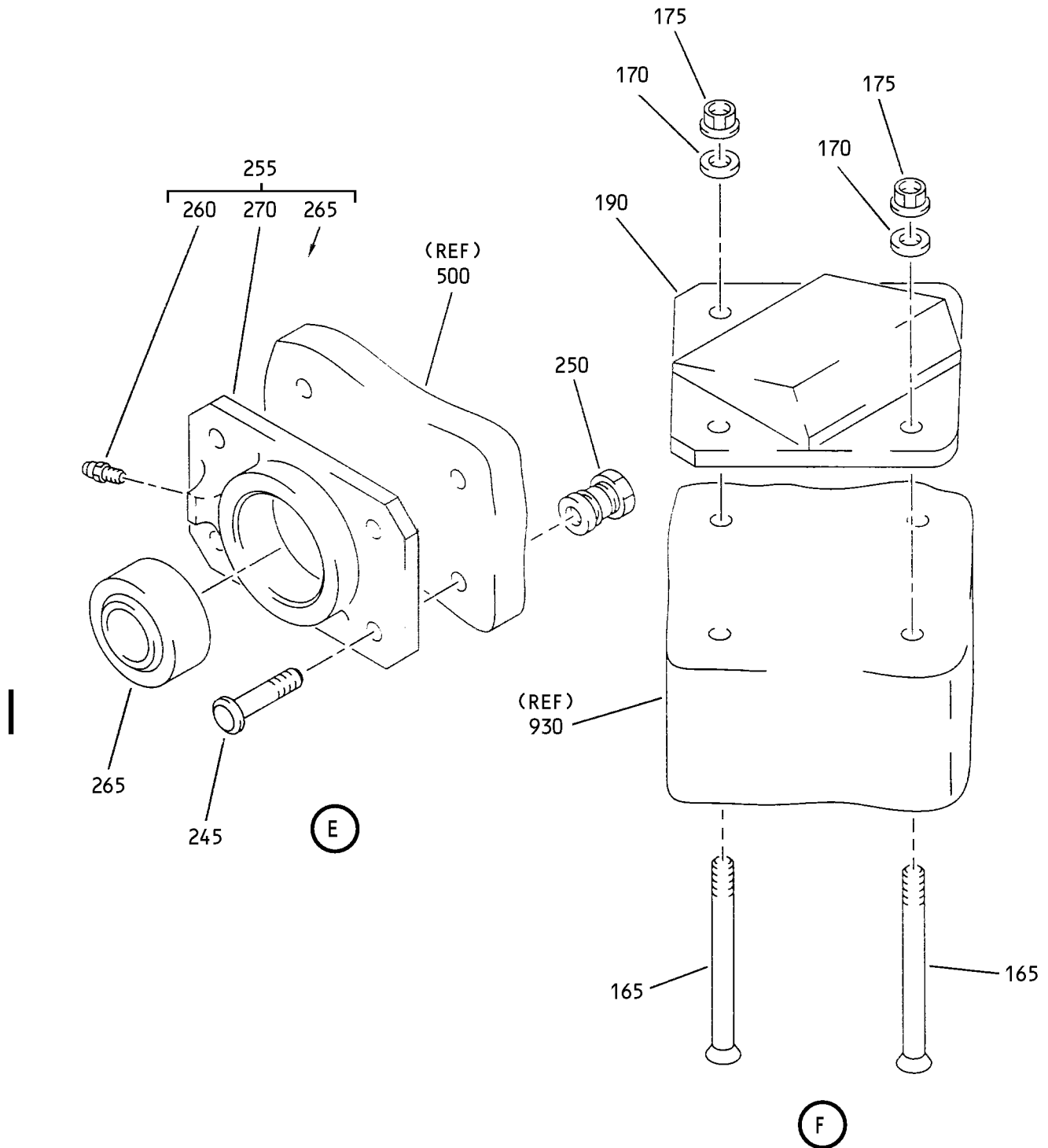
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Main Landing Gear Door Assembly  
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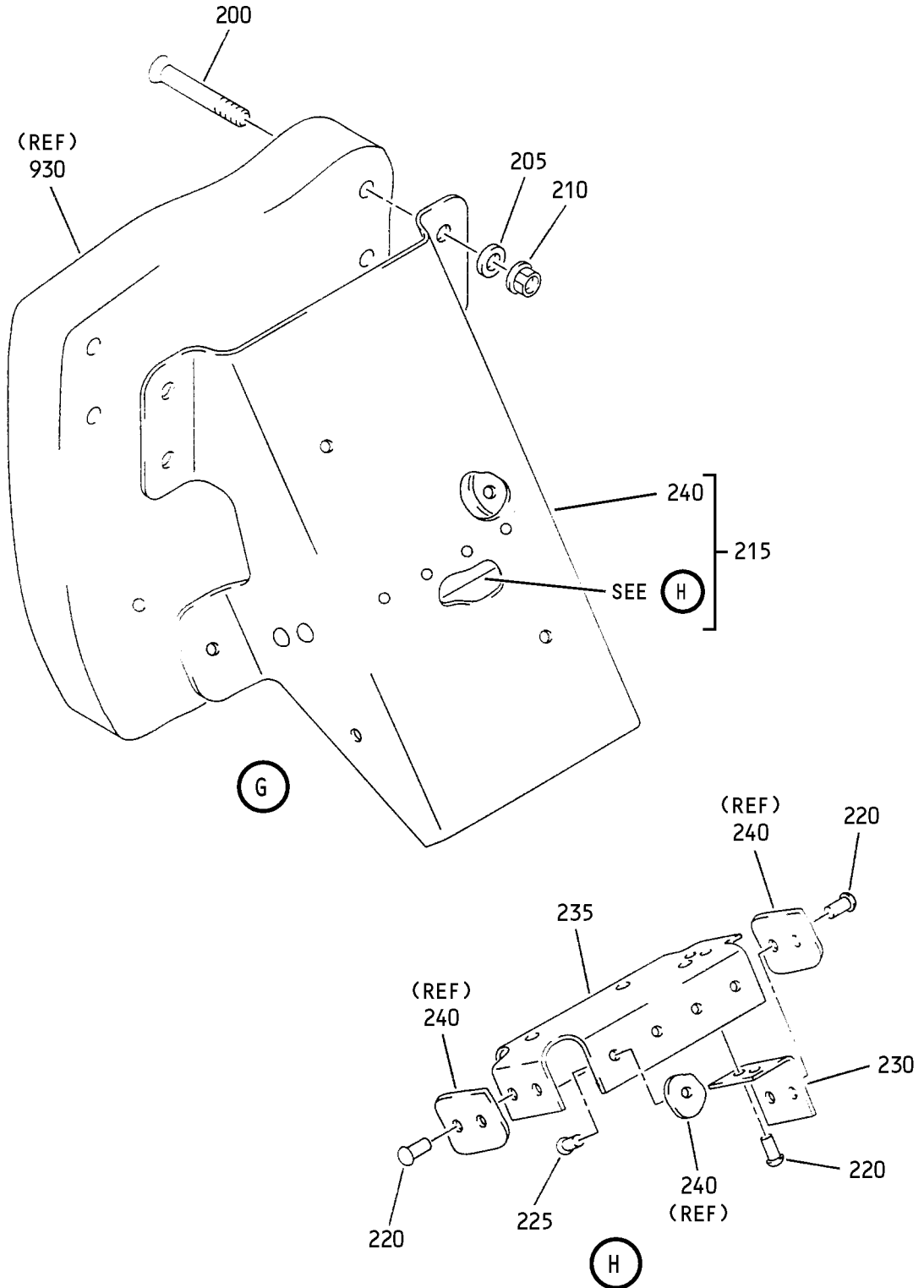
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Main Landing Gear Door Assembly  
 Figure 1 (Sheet 5)

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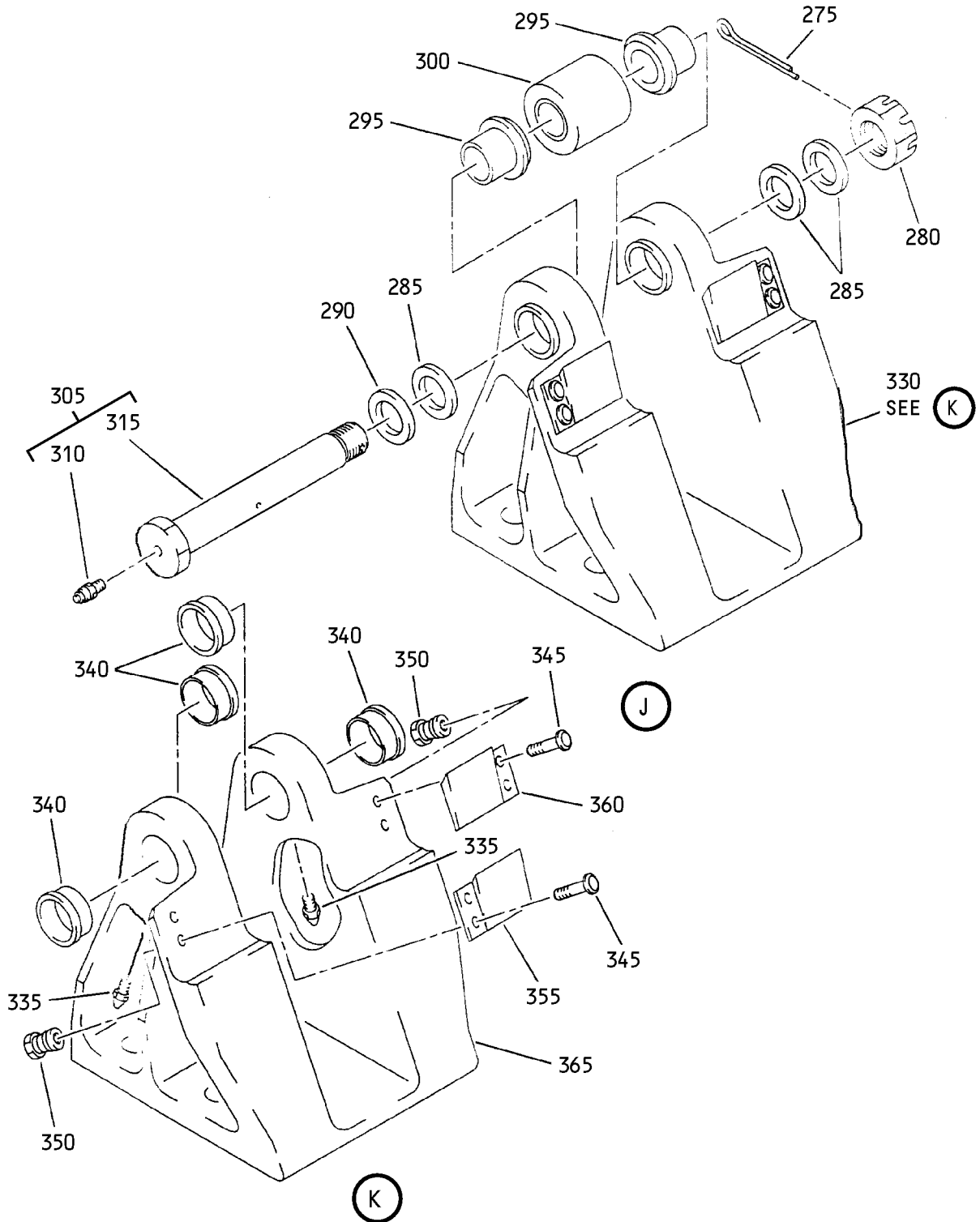


Main Landing Gear Door Assembly  
 Figure 1 (Sheet 6)

**32-12-12**

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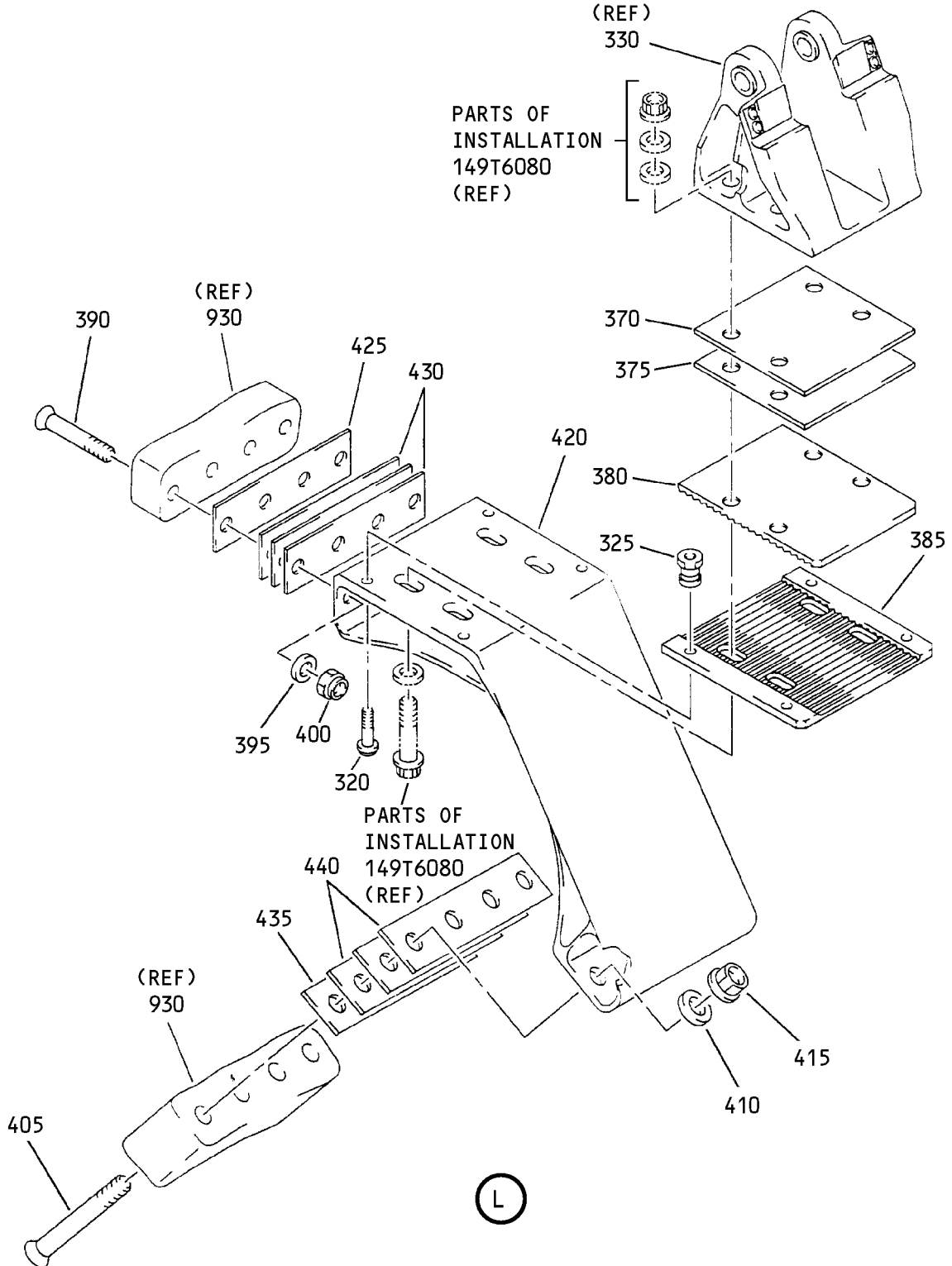




Main Landing Gear Door Assembly  
 Figure 1 (Sheet 7)

**32-12-12**

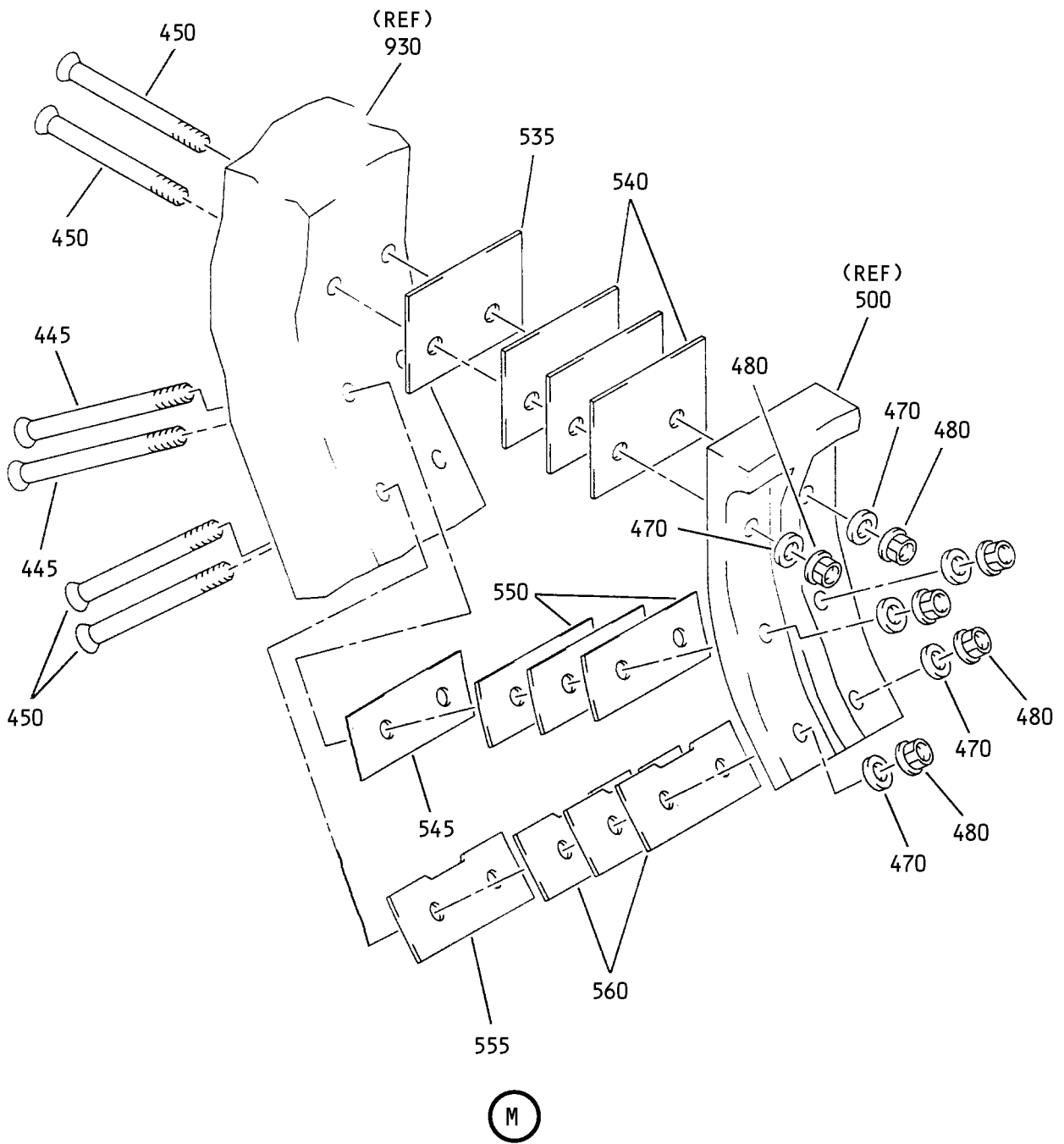
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Main Landing Gear Door Assembly  
Figure 1 (Sheet 8)

**32-12-12**

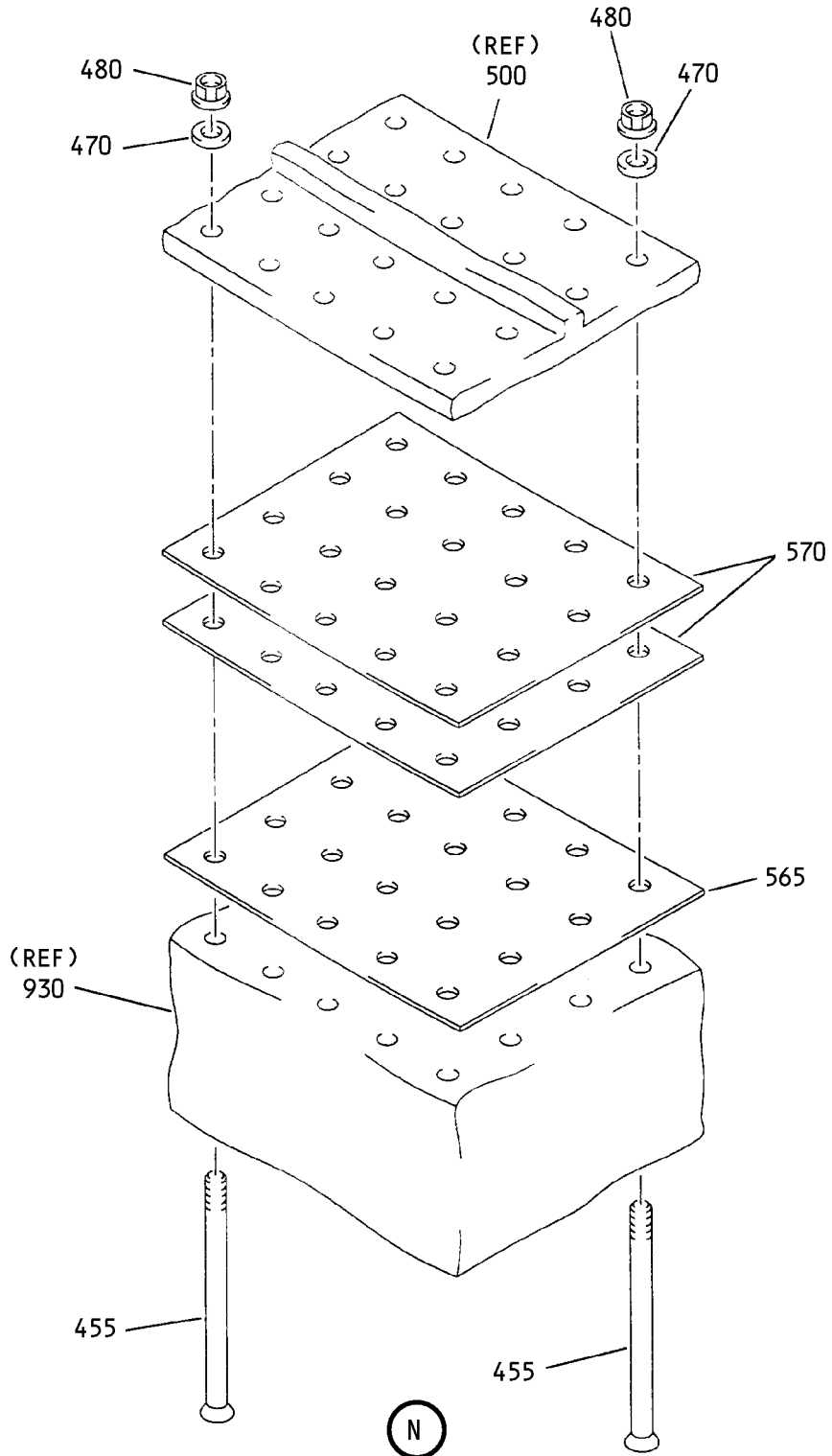
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Main Landing Gear Door Assembly  
Figure 1 (Sheet 9)

**32-12-12**

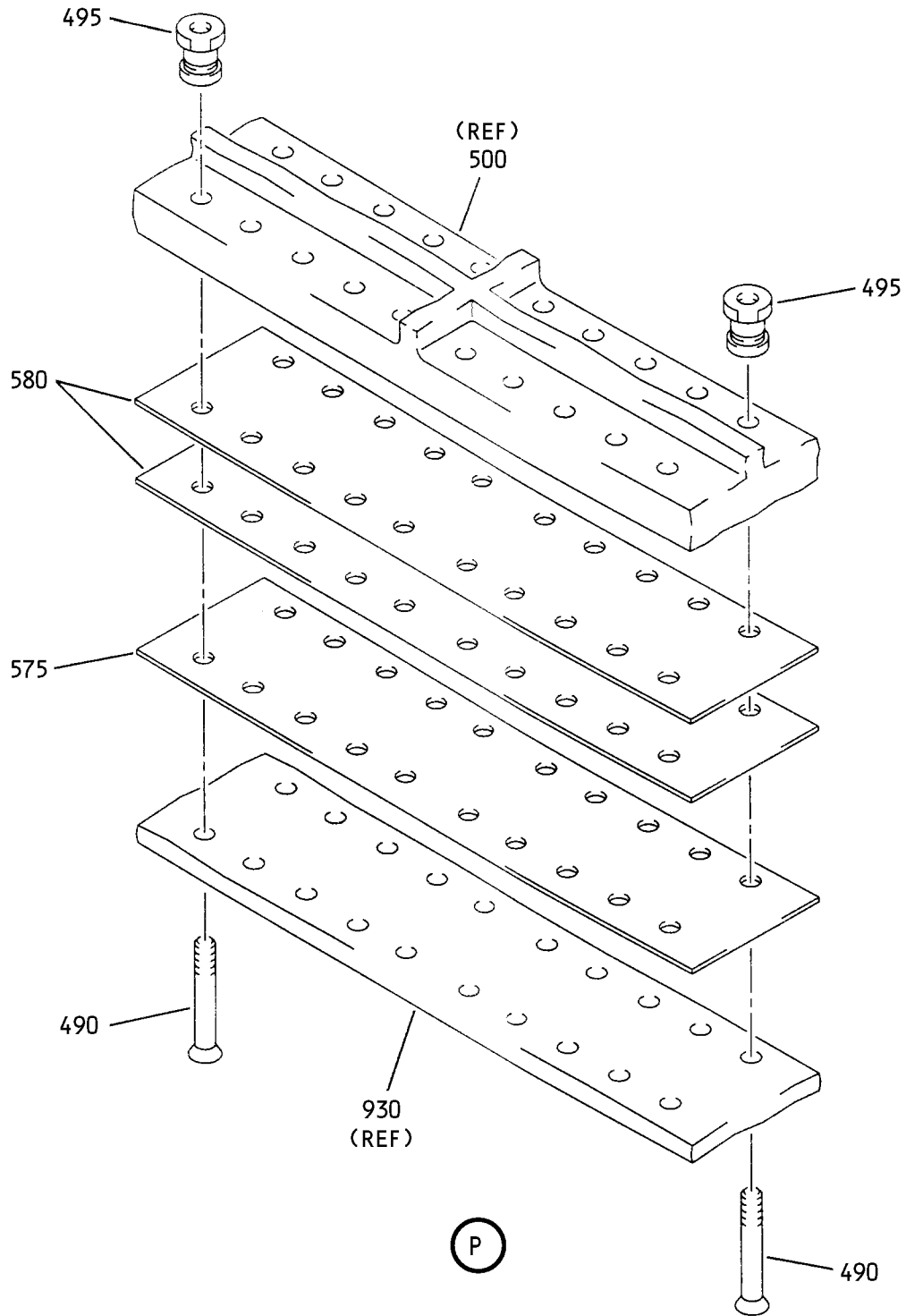
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Main Landing Gear Door Assembly  
Figure 1 (Sheet 10)

**32-12-12**

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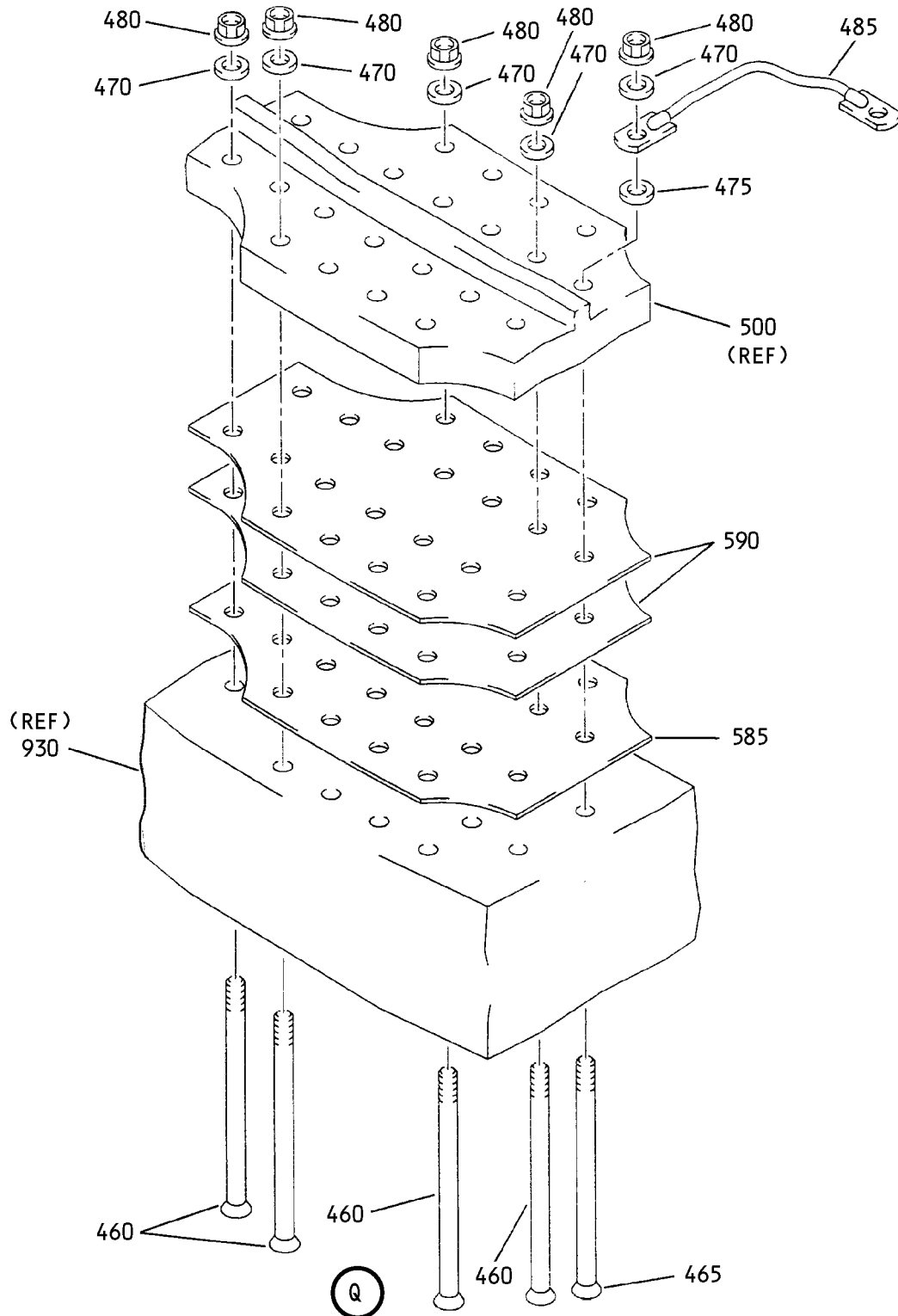


Main Landing Gear Door Assembly  
Figure 1 (Sheet 11)

**32-12-12**

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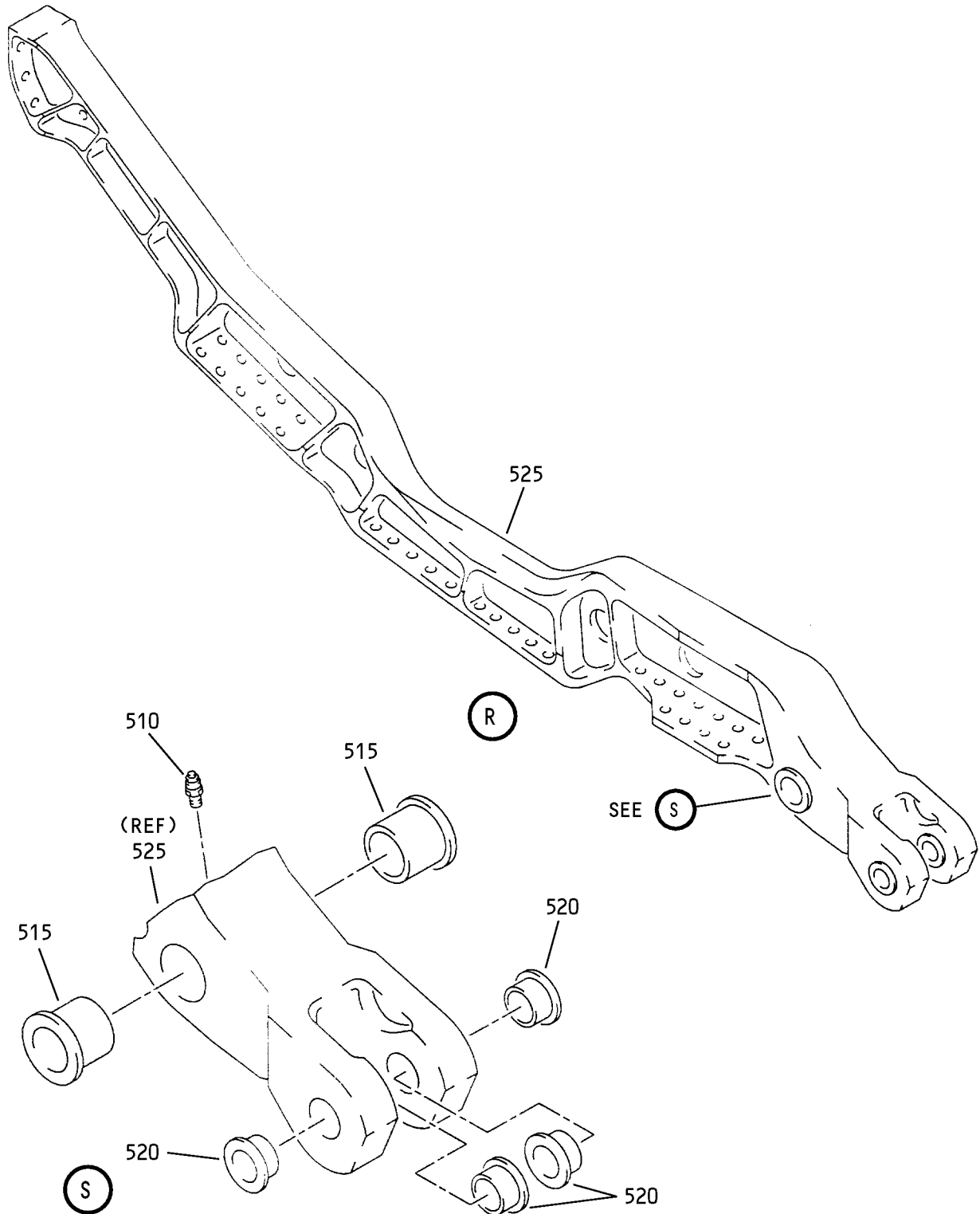
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MAINTENANCE MANUAL



Main Landing Gear Door Assembly  
Figure 1 (Sheet 12)

**32-12-12**

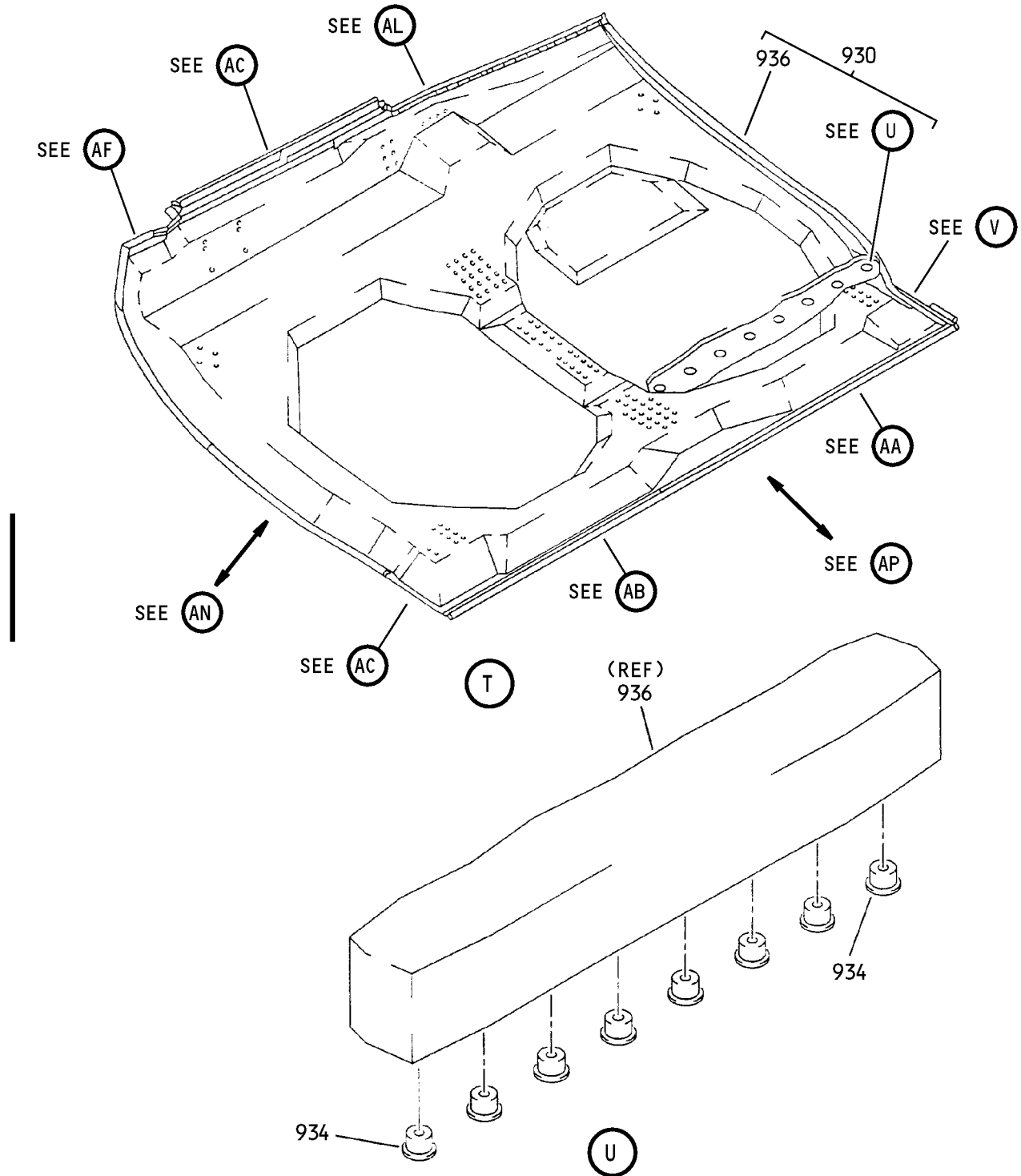
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Main Landing Gear Door Assembly  
Figure 1 (Sheet 13)

**32-12-12**

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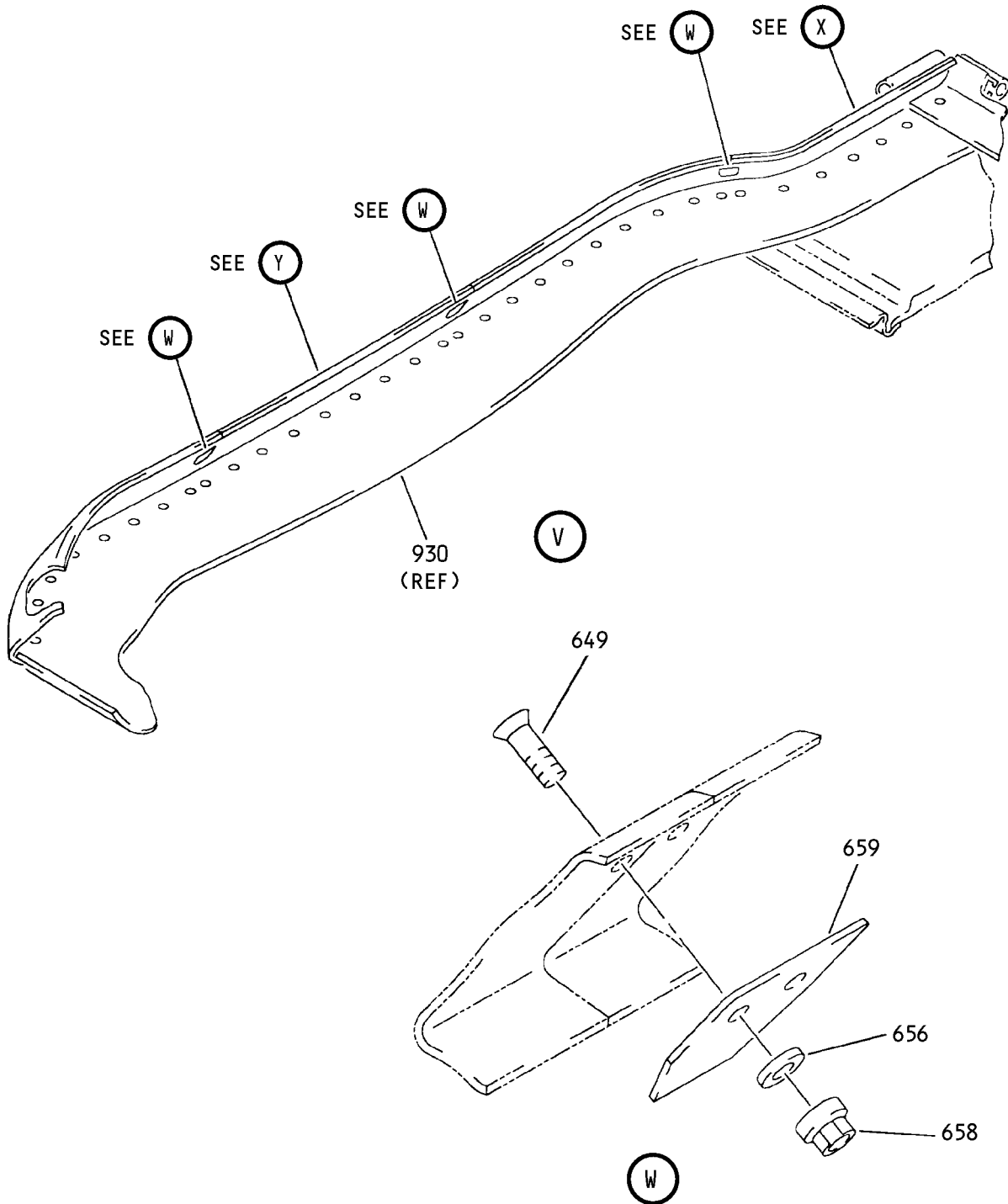


Main Landing Gear Door Assembly  
Figure 1 (Sheet 14)

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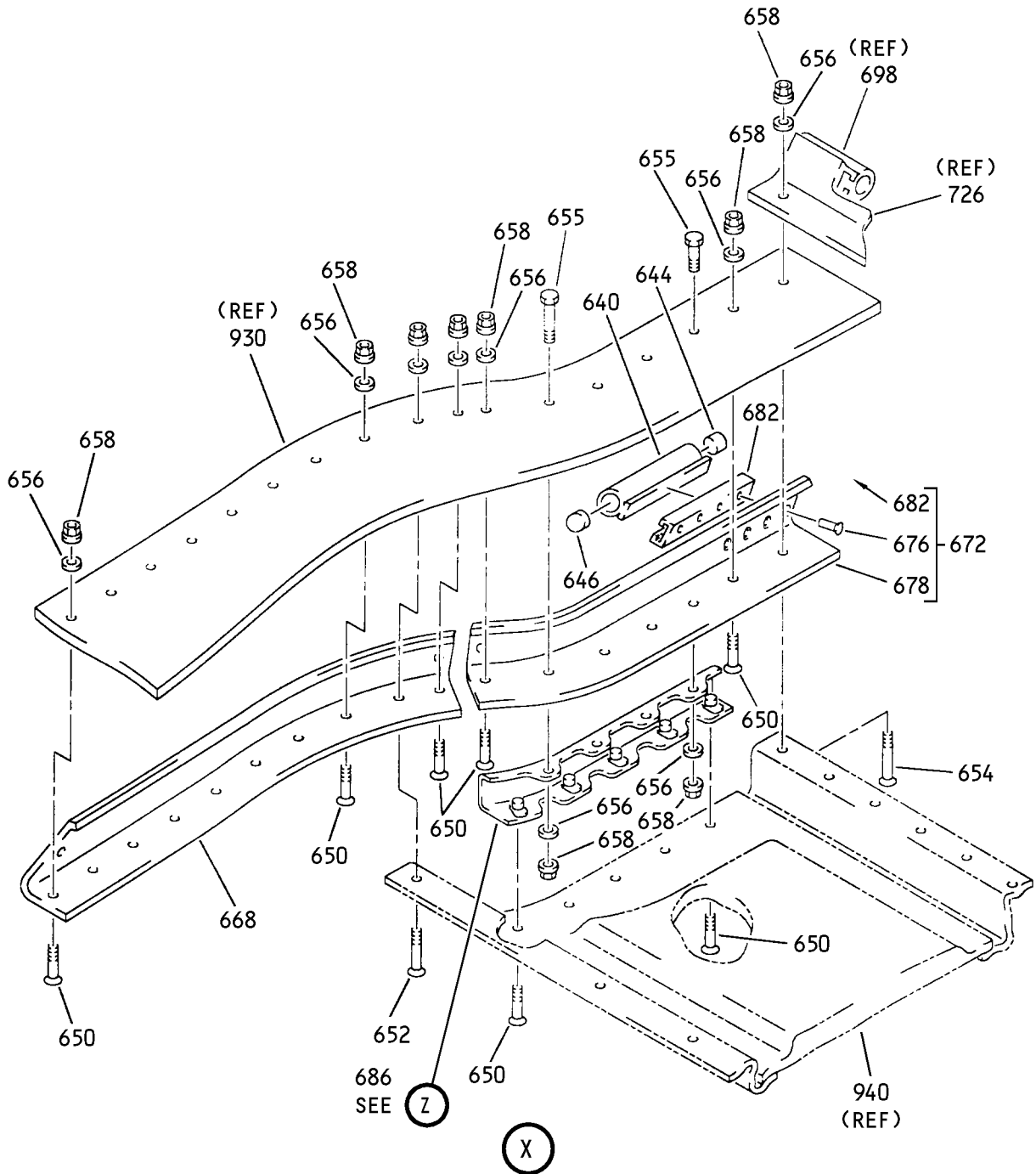




Main Landing Gear Door Assembly  
Figure 1 (Sheet 15)

**32-12-12**

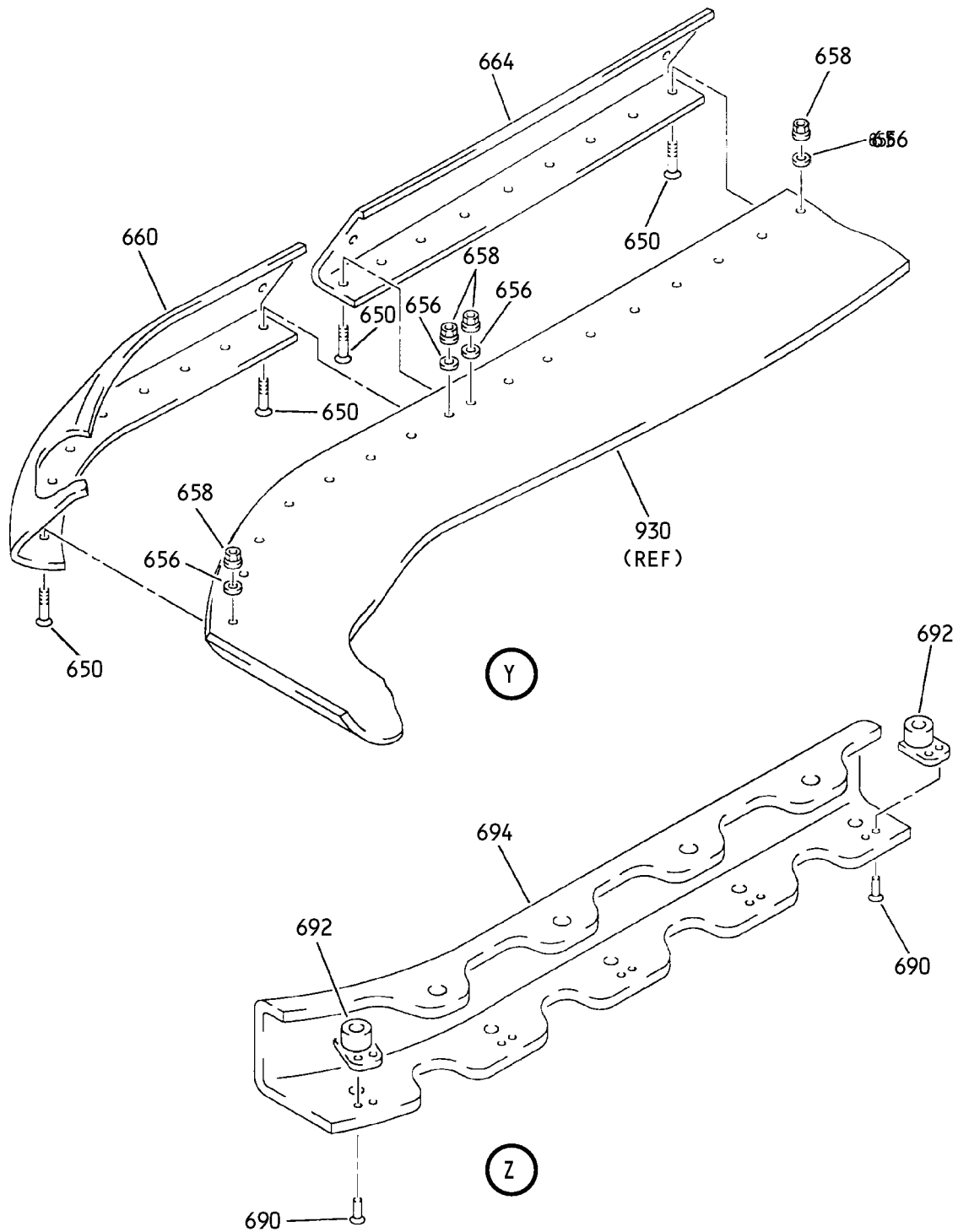
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Main Landing Gear Door Assembly  
Figure 1 (Sheet 16)

**32-12-12**

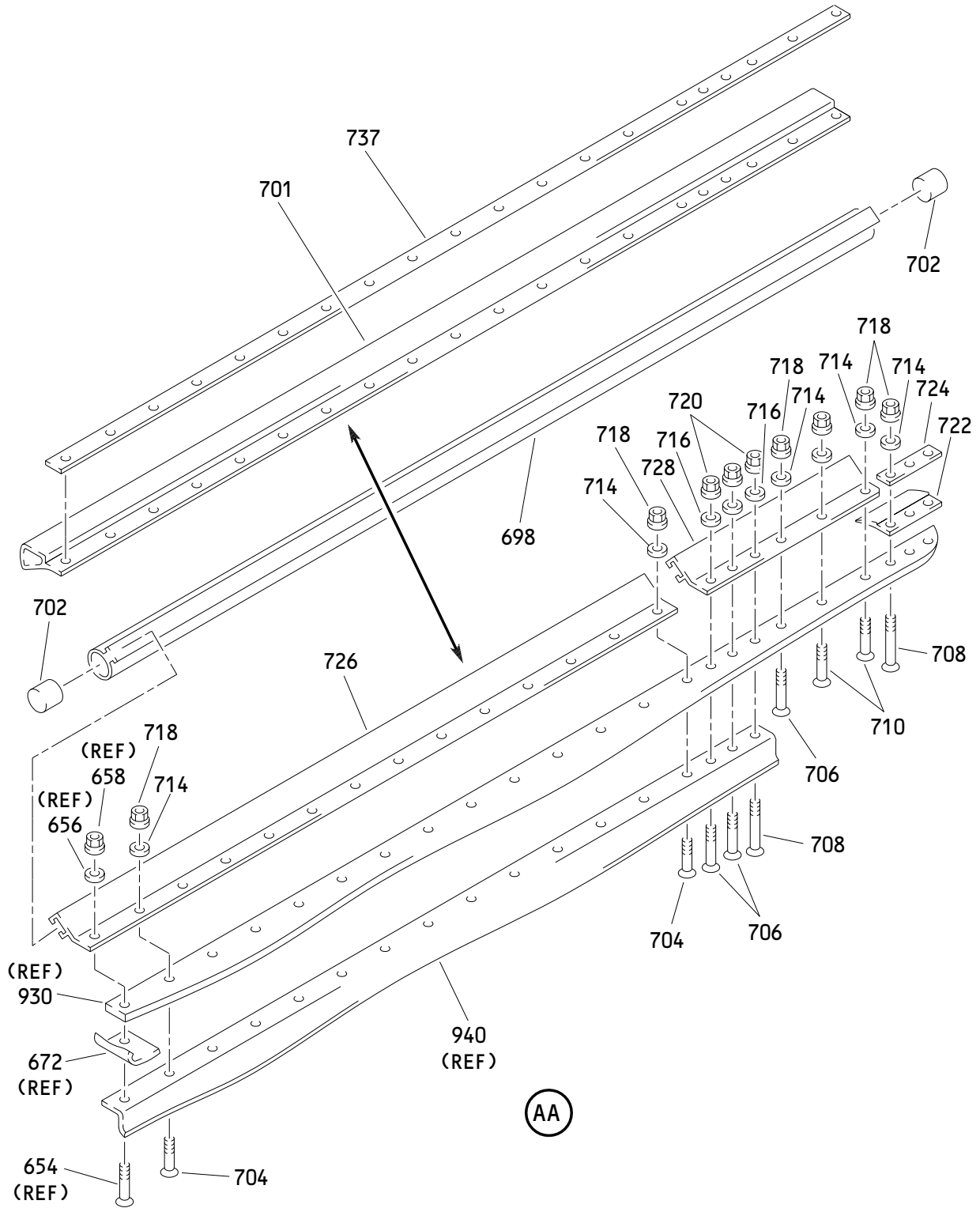
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Main Landing Gear Door Assembly  
Figure 1 (Sheet 17)

**32-12-12**

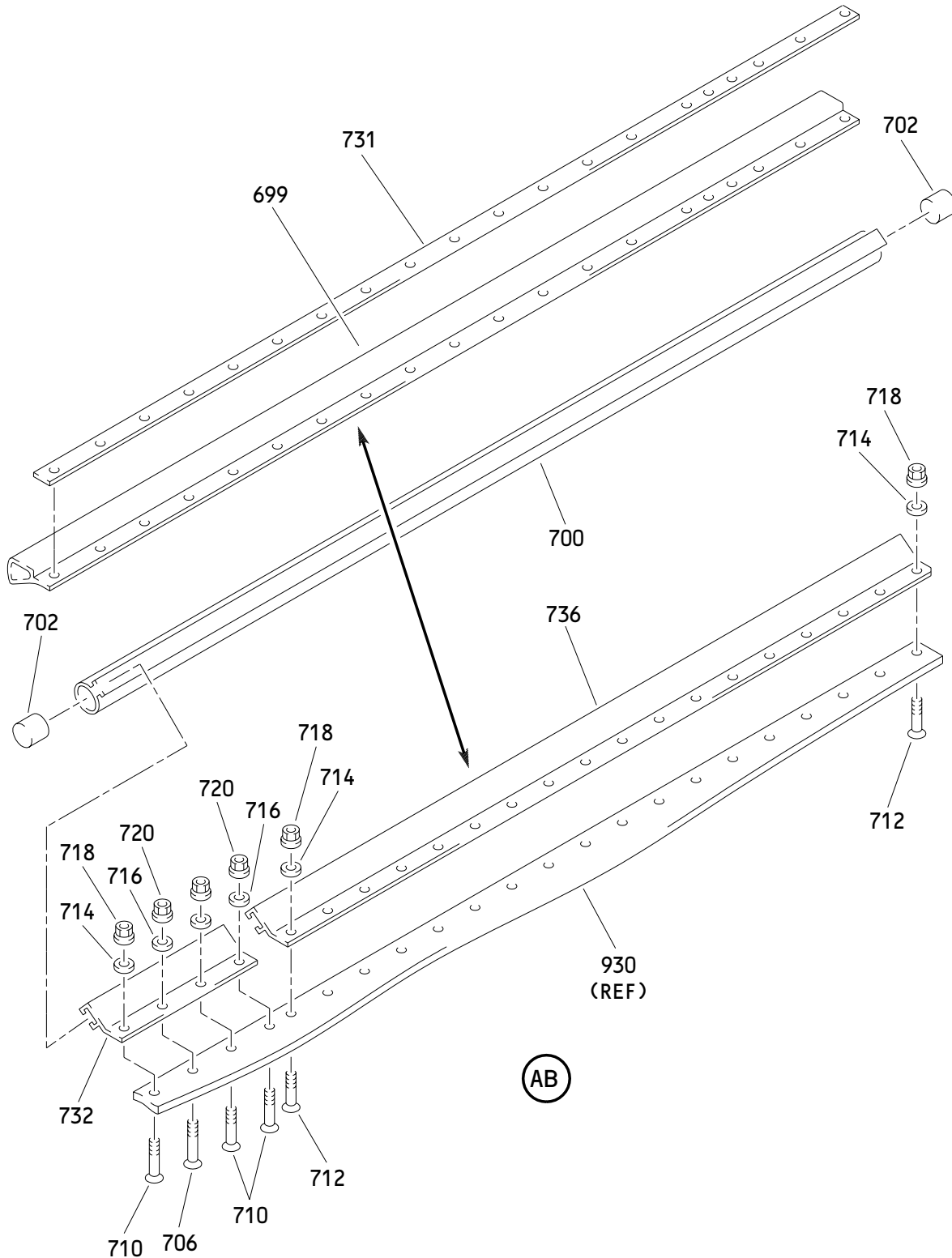
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Main Landing Gear Door Assembly  
Figure 1 (Sheet 18)

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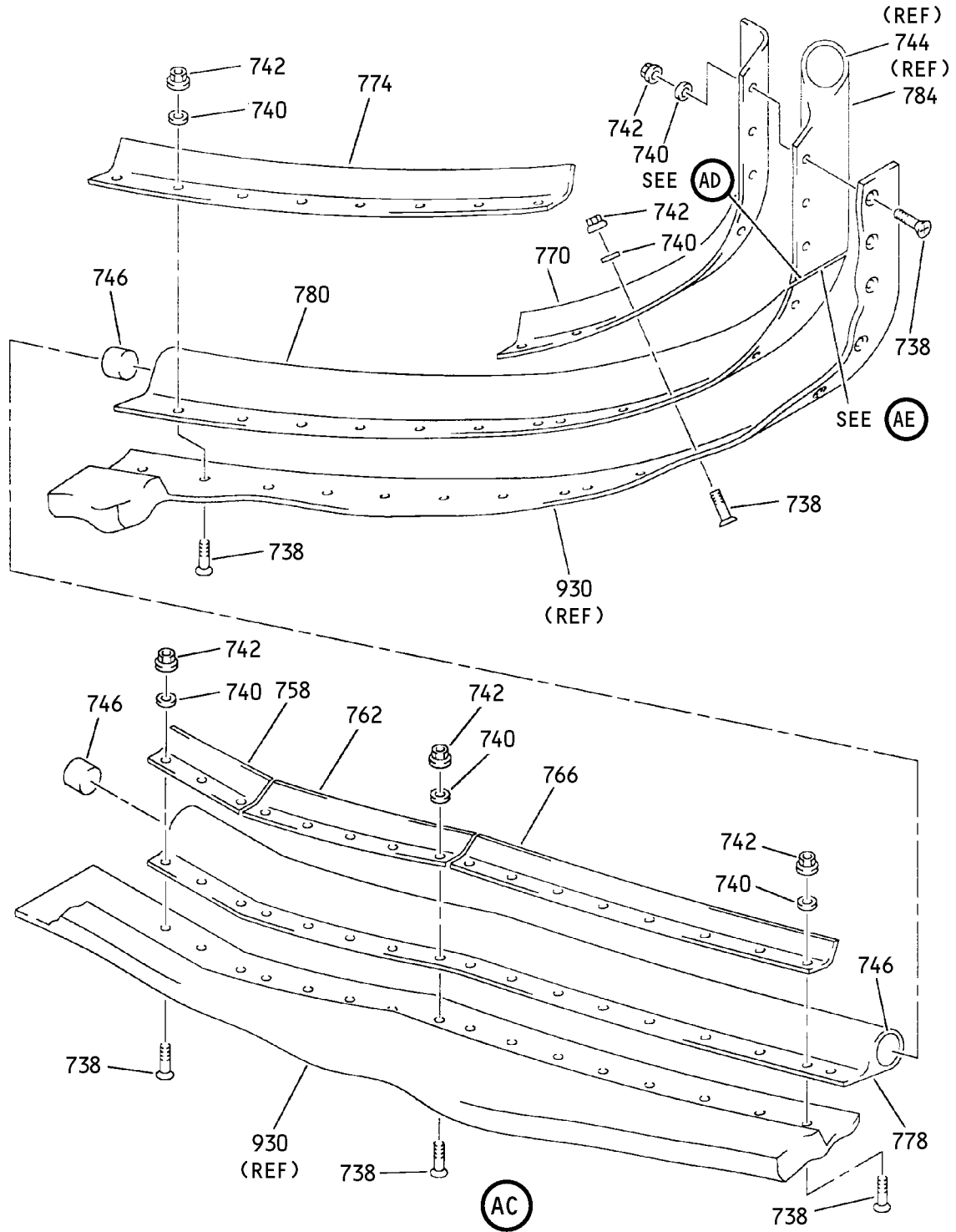


Main Landing Gear Door Assembly  
 Figure 1 (Sheet 19)

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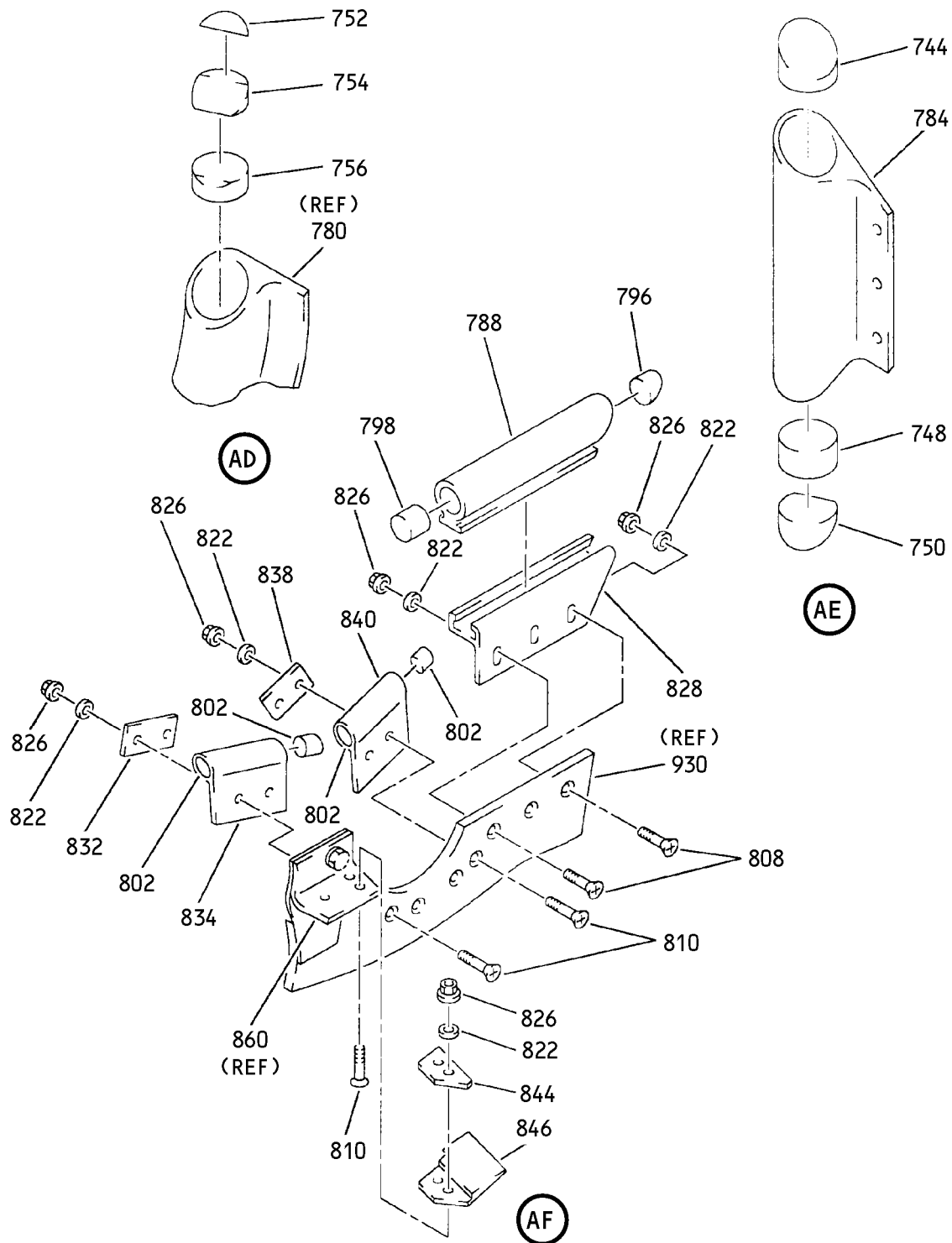
L45350



Main Landing Gear Door Assembly  
Figure 1 (Sheet 20)

**32-12-12**

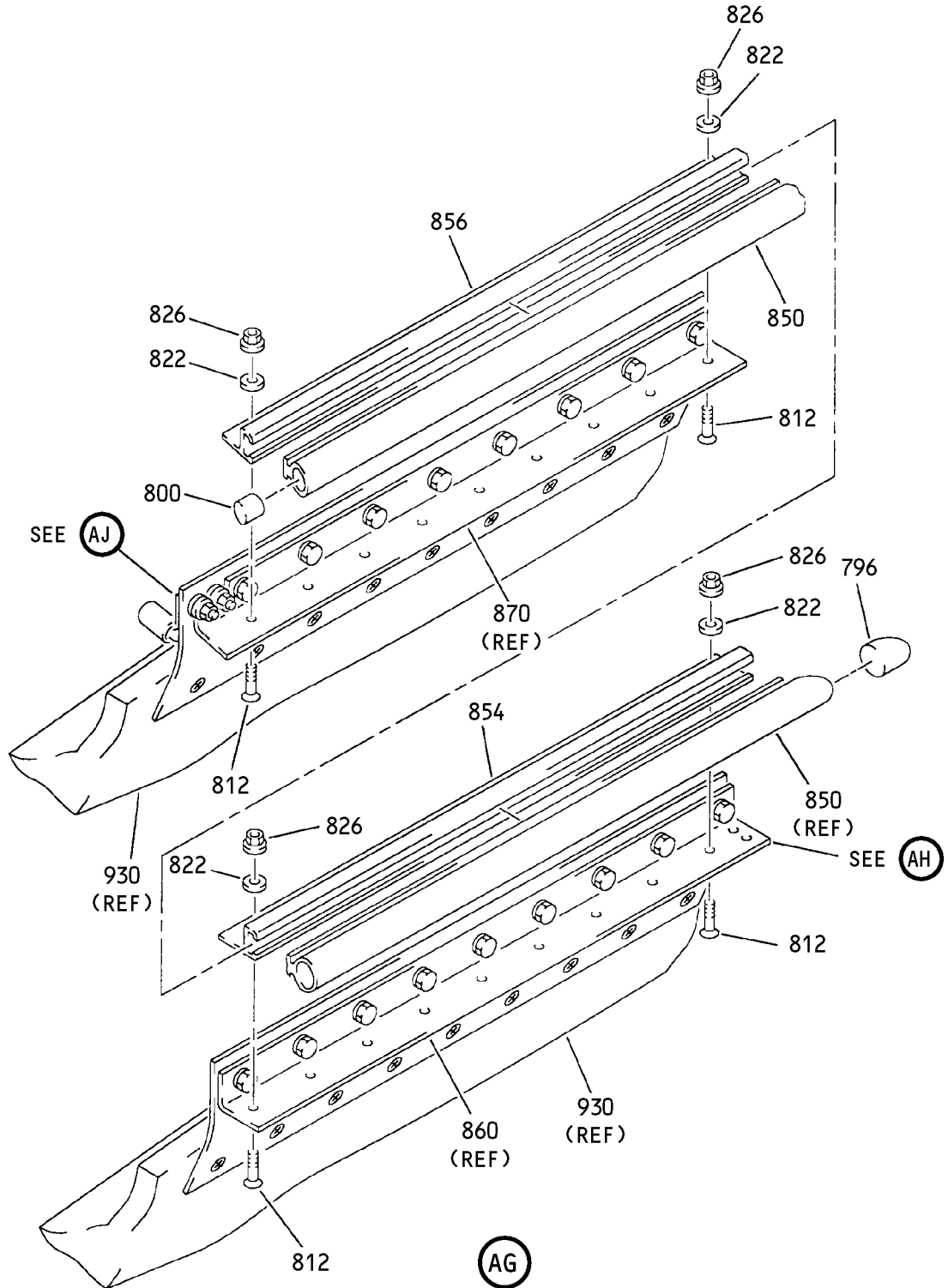
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Main Landing Gear Door Assembly  
 Figure 1 (Sheet 21)

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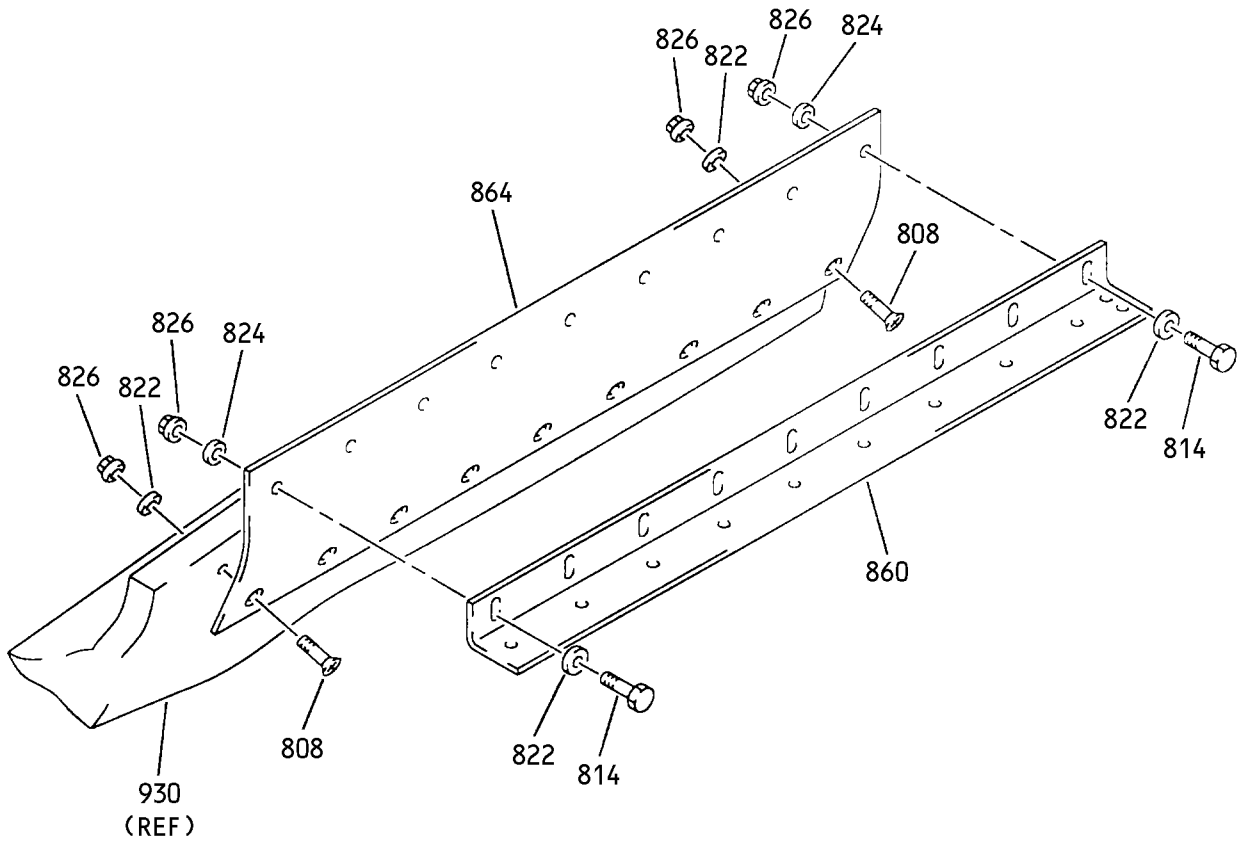


Main Landing Gear Door Assembly  
Figure 1 (Sheet 22)

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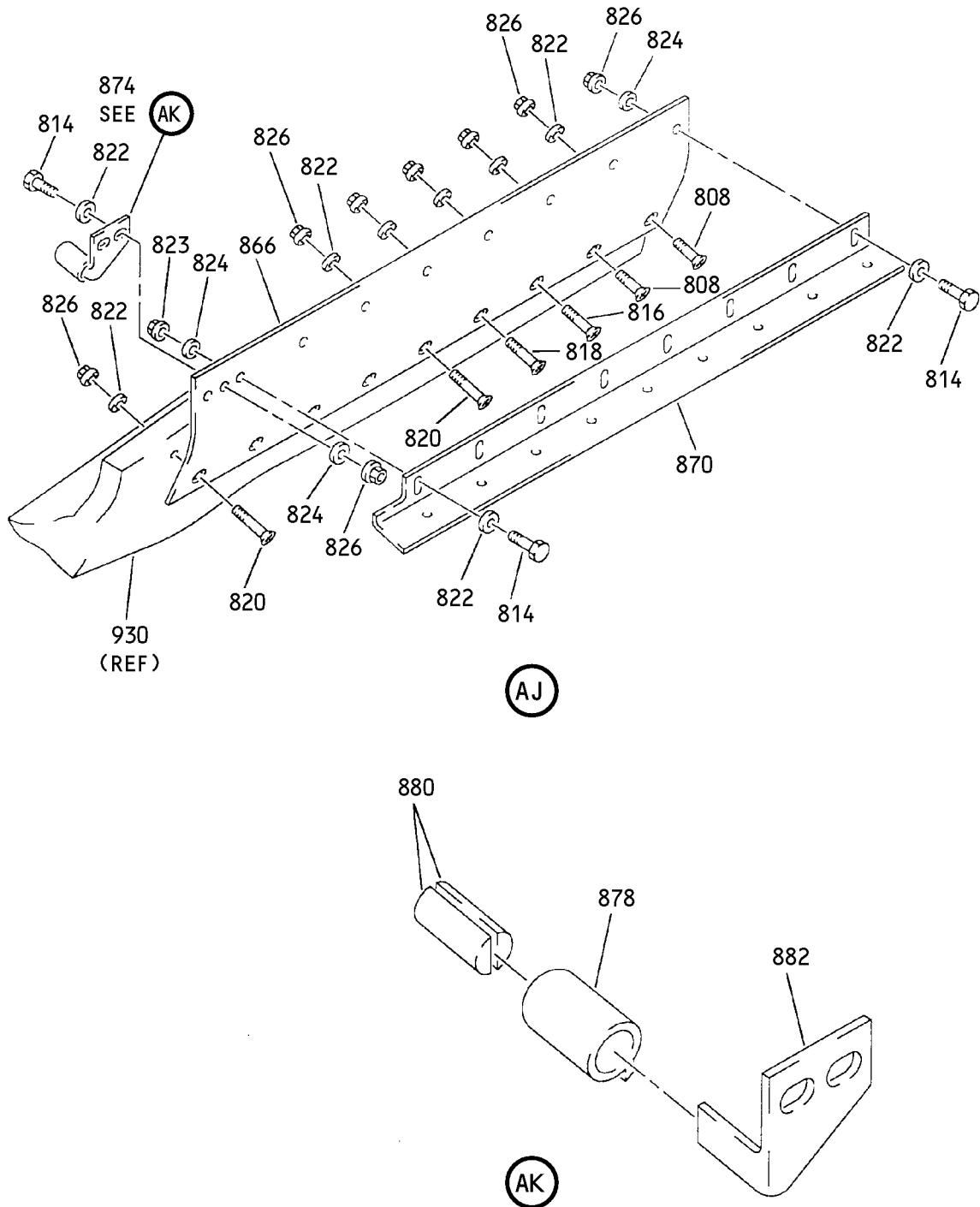


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Main Landing Gear Door Assembly  
Figure 1 (Sheet 23)

**32-12-12**

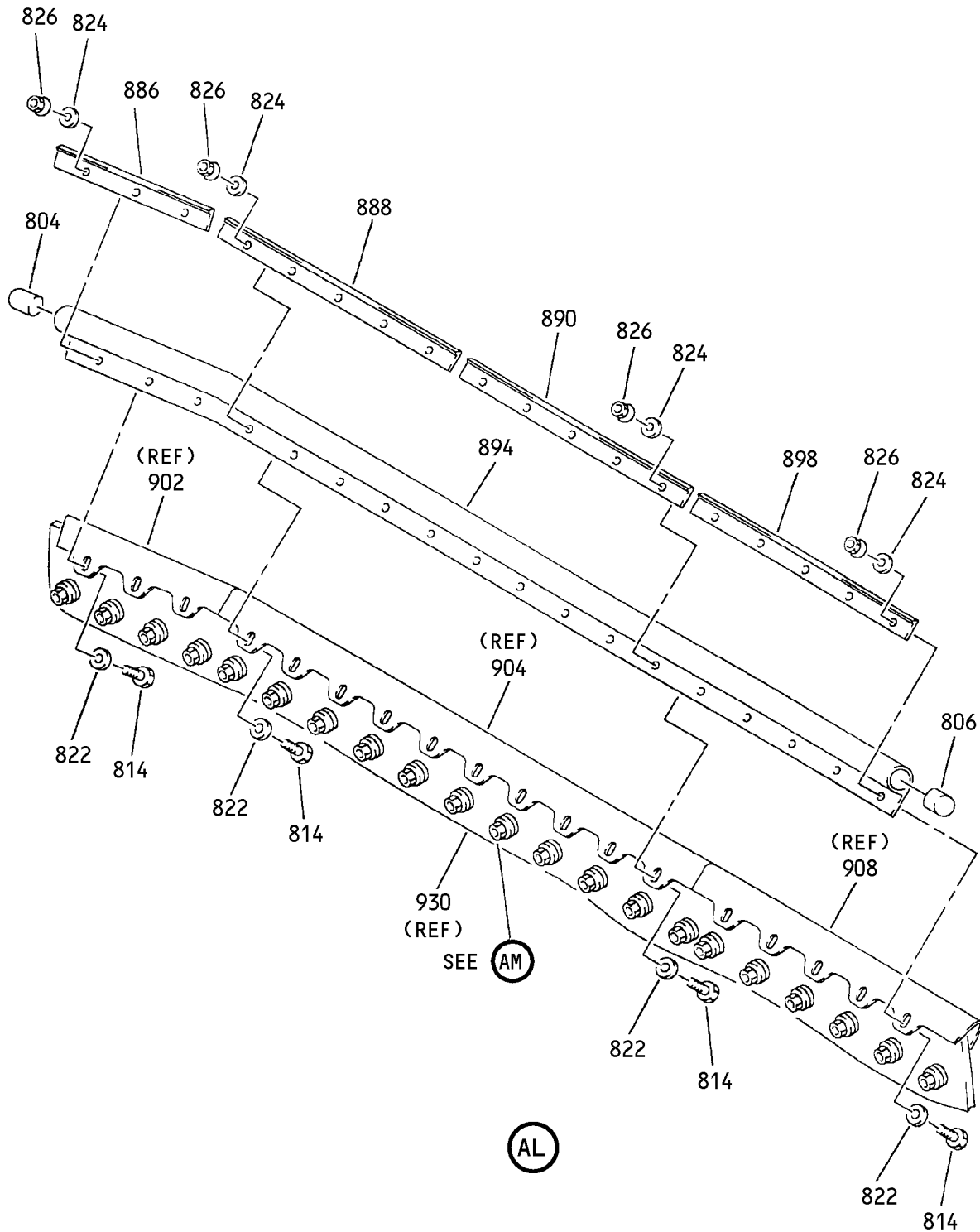
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Main Landing Gear Door Assembly  
 Figure 1 (Sheet 24)

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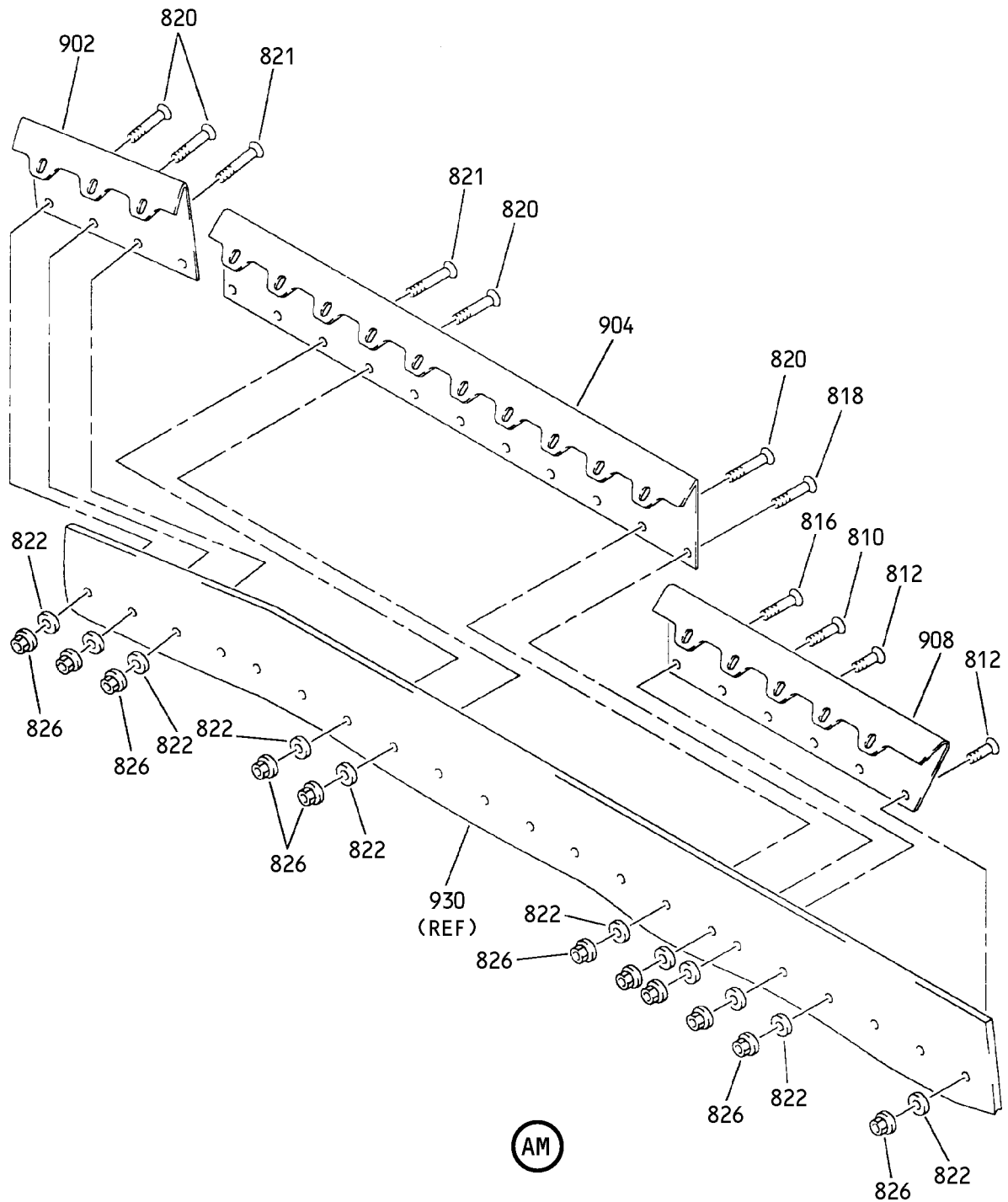


Main Landing Gear Door Assembly  
 Figure 1 (Sheet 25)

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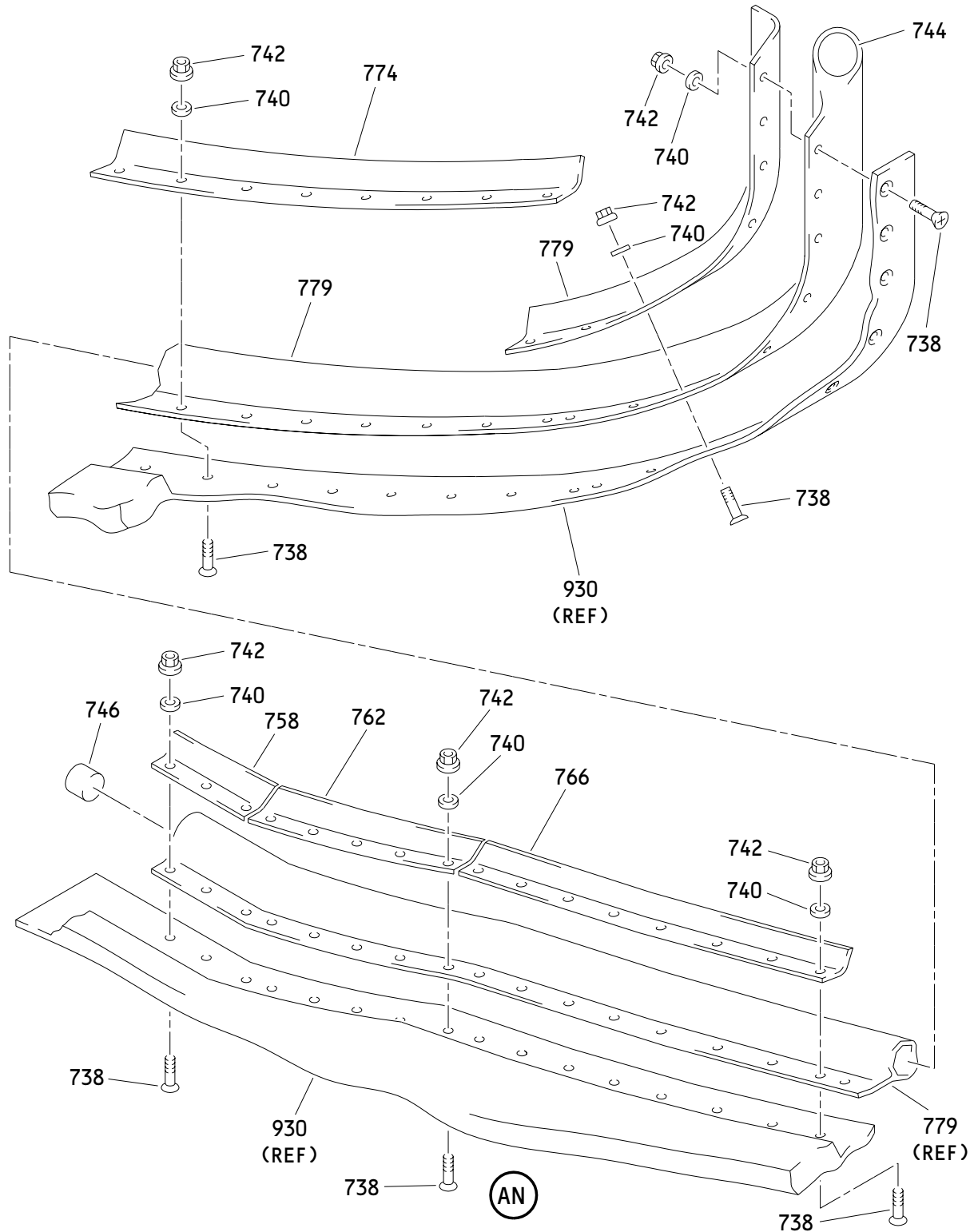
L45717



Main Landing Gear Door Assembly  
Figure 1 (Sheet 26)

**32-12-12**

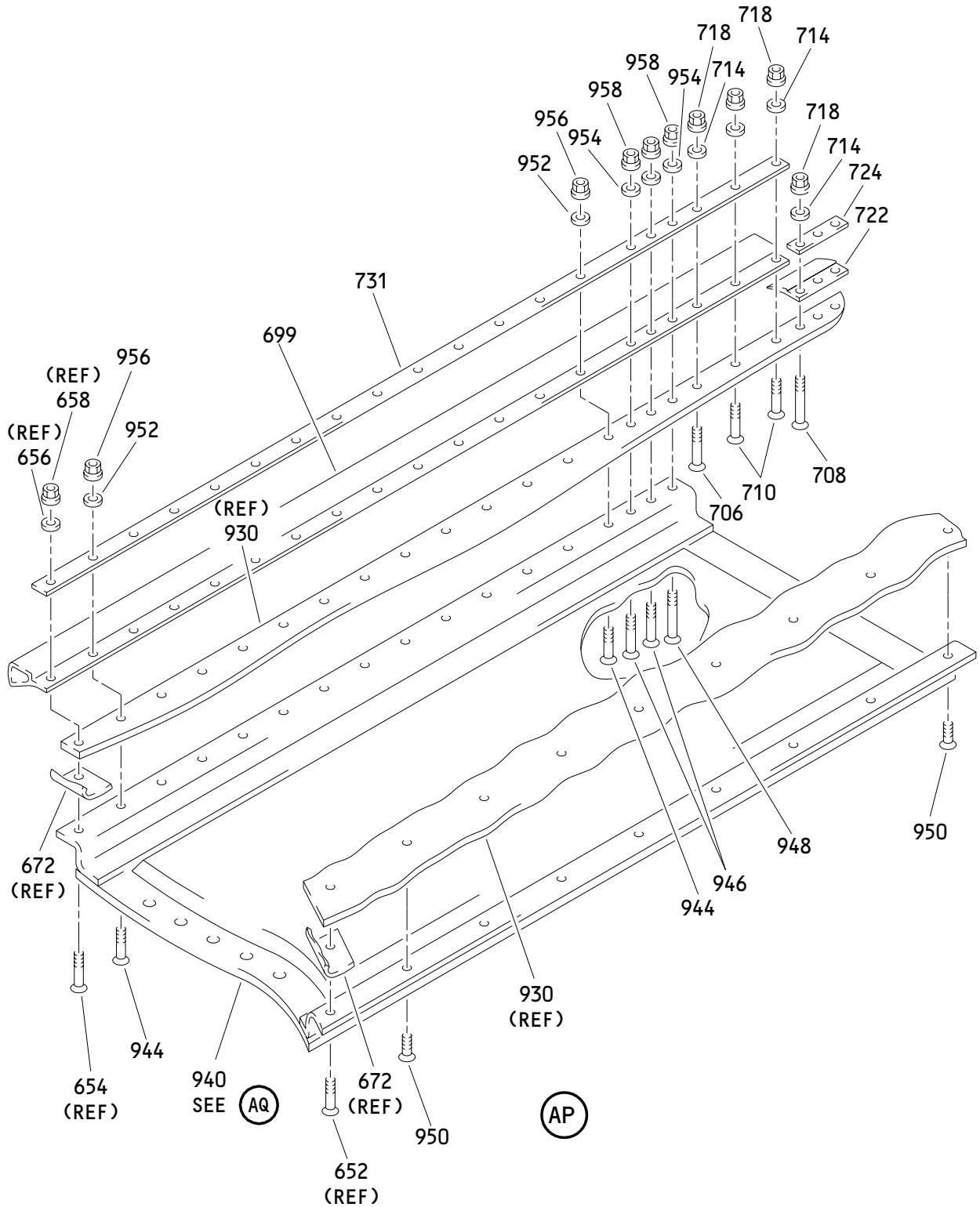
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Main Landing Gear Door Assembly  
Figure 1 (Sheet 27)

**32-12-12**

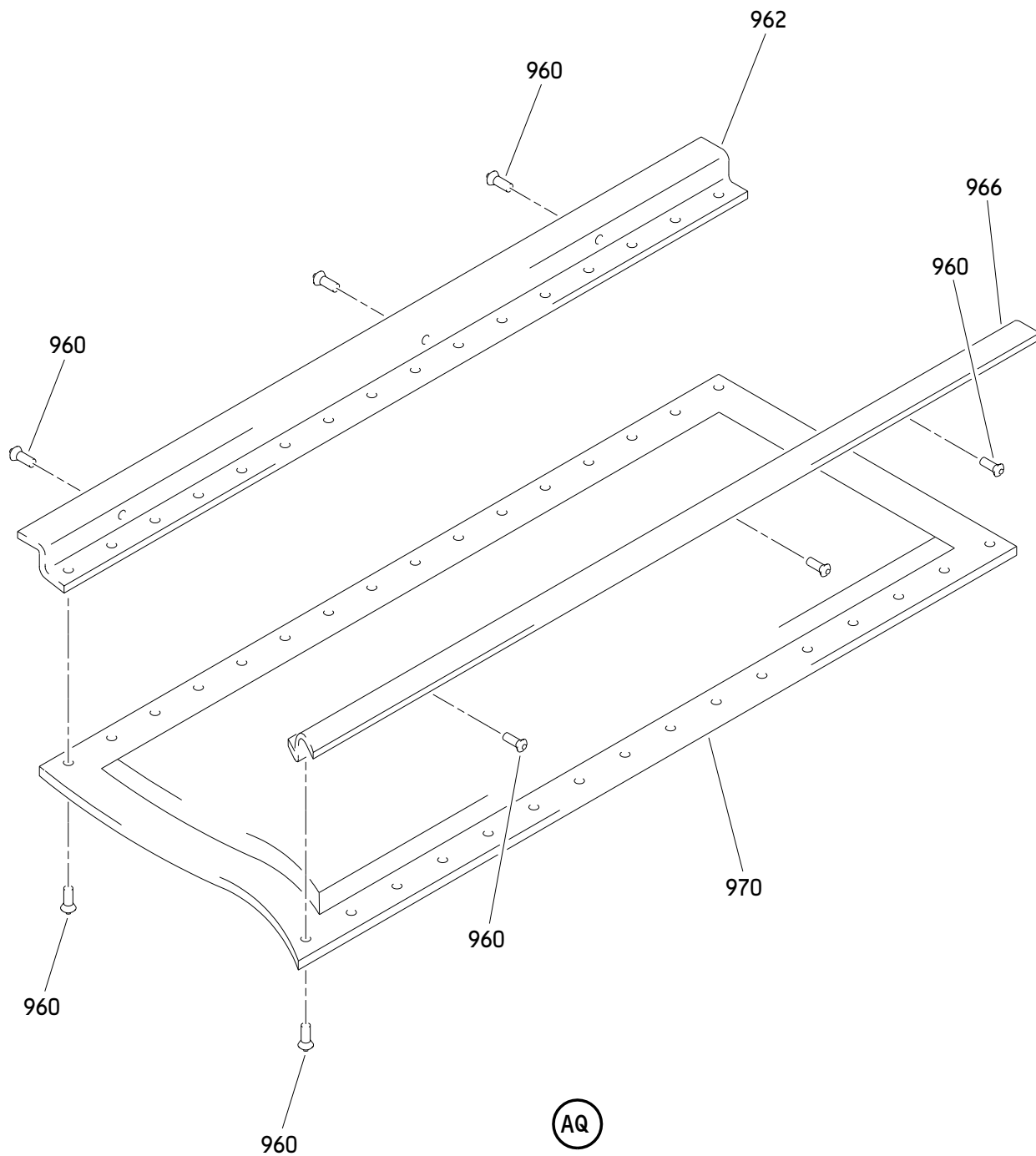
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Main Landing Gear Door Assembly  
 Figure 1 (Sheet 28)

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Main Landing Gear Door Assembly  
Figure 1 (Sheet 29)

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
-1A	149T6100-1		DOOR ASSY-MLG	A	RF
-1B	149T6100-35		DOOR ASSY-MLG	C	RF
-1C	149T6100-39		DOOR ASSY-MLG	E	RF
R -1D	149T6100-43		DOOR ASSY-MLG	G	RF
R -1E	149T6100-47		DOOR ASSY-MLG	J	RF
-5	149T6100-2		DOOR ASSY-MLG	B	RF
-5A	149T6100-36		DOOR ASSY-MLG	D	RF
-5B	149T6100-40		DOOR ASSY-MLG	F	RF
R -5C	149T6100-44		DOOR ASSY-MLG	H	RF
R -5D	149T6100-48		DOOR ASSY-MLG	K	RF
10	BACB30LR5-74		.BOLT		1
15	BACB30LR5-73		.BOLT		1
20	BACB30NN5K72		.BOLT		14
25	BACW10BP5DP		.WASHER		16
30	NAS1149D0516J		.WASHER		2
35	H52732-5CD		.NUT- (V15653) (SPEC BACN10YR5CD) (OPT PLH55CD (V62554))		16
40	940CW26-12		.JUMPER- (V91812) (SPEC BACJ40AB26-12) (OPT 100226-12 (V1FF12)) (OPT RBEJ40AB23-12 (V1GK47))		2
45	149T6120-1		.HINGE ASSY-FWD	A,C,E ,G,J	1
-50	149T6120-2		.HINGE ASSY-FWD	B,D,F ,H,K	1
55	149T6120-3		.HINGE ASSY-AFT	A,C,E ,G,J	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -60	149T6120-4		.HINGE ASSY-AFT	B,D,F ,H,K	1
65	MS15001-1		..FITTING		1
70	NC12G10C		..BEARING- (V56644) (SPEC BACB10GB12GC) (OPT BNG12H118C (V16746))		1
75	149T6120-5		..HINGE- (USED ON ITEM 45)	A,C,E ,G,J	1
-80	149T6120-6		..HINGE- (USED ON ITEM 50)	B,D,F ,H,K	1
85	149T6120-7		..HINGE- (USED ON ITEM 55)	A,C,E ,G,J	1
-90	149T6120-8		..HINGE- (USED ON ITEM 60)	B,D,F ,H,K	1
95	149T6101-17		.SHIM		2
100	149T6101-37		.SHIM		4
105	BACB30NN4K70		.BOLT		2
110	BACW10BP4DP		.WASHER		2
115	H52732-4CD		.NUT- (V15653) (SPEC BACN10YR4CD) (OPT PLH54CD (V62554))		2
120	273T4589-1		.BRACKET ASSY-VALVE	A,C,E ,G,J	1
-125	273T4589-2		.BRACKET ASSY-VALVE	B,D,F ,H,K	1
130	BACB28AP04P012		..BUSHING		1
135	BACB28AT06A012C		..BUSHING		1
140	273T4589-3		..BRACKET	A,C,E ,G,J	1
-145	273T4589-4		..BRACKET	B,D,F ,H,K	1
150	149T6101-19		.SHIM		1
155	149T6101-39		.SHIM		2
157	284T4911-5		.PLATE	A-F	1
R -157A	284T4911-11		.PLATE	G-K	1
160	BACB30NN5K69		.BOLT		4

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
165	BACB30NN5K68		.BOLT		4
170	BACW10BP5DP		.WASHER		8
175	H52732-5CD		.NUT- (V15653) (SPEC BACN10YR5CD) (OPT PLH55CD (V62554))		8
180	149T6150-1		.FITTING-STOP	A,C,E	1
R -180A	149T6150-5		.FITTING-STOP	G,J	1
-185	149T6150-2		.FITTING-STOP	B,D,F	1
-185A	149T6150-5		DELETED		
R -185B	149T6150-7		.FITTING-STOP	H,K	1
190	149T6150-3		.FITTING-STOP	A,C,E	1
R -190A	149T6150-6		.FITTING-STOP	G,J	1
-195	149T6150-4		.FITTING-STOP	B,D,F	1
-195A	149T6150-6		DELETED		
R -195B	149T6150-8		.FITTING-STOP	H,K	1
200	BACB30NN5K29		.BOLT		6
205	BACW10BP5DP		.WASHER		6
210	H52732-5CD		.NUT- (V15653) (SPEC BACN10YR5CD) (OPT PLH55CD (V62554))		6
215	149T6170-1		.BRACKET ASSY-SKID		1
220	BACR15FT6KE		..RIVET- (SIZE DETERMINE ON INST)		6
225	BACR15BA6AD		..RIVET- (SIZE DETERMINE ON INST)		4

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
230	149T6170-4		..INTERCOSTAL		1
235	149T6170-3		..CHANNEL		1
240	149T6170-2		..BRACKET		1
245	HL10VAZ14-15		.BOLT- (V60516) (SPEC BACB30MY14K15) (OPT B30MY14K15 (V97928))		4
250	HL79-14		.COLLAR- (V56878) (SPEC BACC30M14) (OPT HL79-14 (V73197)) (OPT HL79-14 (V92215)) (OPT 66014-14 (V56878)) (OPT HL79-14 (V5M902))		4
255	149T6905-1		.SUPPORT ASSY-LINK ATTACH		1
260	MS15001-1		..FITTING		1
265	NC16G10C		..BEARING- (V56644) (SPEC BACB10GB16GC) (OPT BNG16H118C (V16746))		1
270	149T6905-2		..FITTING		1
275	BACP18BC04C14P		.PIN-COTTER		1
280	BACN10JD114		.NUT		1
285	NAS1149E1490P		.WASHER		3
290	BACW10BP14CD		.WASHER		1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
295	149T6103-1		.BUSHING		2
300	ATL14		.BEARING- (V60380) (SPEC BACB10EU14) (OPT 14AL3234 (V92563)) (OPT YAT14B (V07484))		1
305	149T6986-5		.PIN ASSY-SPECIAL		1
310	MS15001-1		..FITTING		1
315	149T6986-8		..PIN		1
320	HST10AG8-11		.BOLT- (V0PTK6) (SPEC BACB30VT8K11) (OPT HST10AG8-11 (V06725)) (OPT HST10AG8-11 (V56878)) (OPT HST10AG8-11 (V73197))		4
325	HST79CY8		.COLLAR- (V73197) (SPEC BACC30BL8) (OPT HST79-8 (V92215)) (OPT HST79CY8 (V56878)) (OPT HST79CY8 (V5M902))		4
330	149T6140-1		.FITTING ASSY-ROLLER	A-D	1
-330A	149T6140-5		.FITTING ASSY-ROLLER	E-K	1
335	MS15001-1		..FITTING		2
340	BACB28AT18B035C		..BUSHING		4
345	VL310AG5-6		..BOLT- (V06950) (SPEC BACB30VT5HK6) (OPT VL310AG5-6 (V9N513)) (OPT VL310AG5-6 (V97928))		4

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-350	HST79CY5		..COLLAR- (V73197) (SPEC BACC30BL5) (OPT HST79-5 (V92215)) (OPT HST79CY5 (V56878)) (OPT HST79CY5 (V5M902))		4
355	284T0860-1		..TARGET		1
360	284T0860-2		..TARGET		1
365	149T6140-3		..FITTING	A-D	1
-365A	149T6140-6		..FITTING	E-K	1
370	149T6101-41		.SHIM	A-D	1
-370A	149T6101-49		.SHIM	E-K	1
375	BACS40R059F069F		.SHIM	A,B	1
-375A	149T6101-48		.SHIM	C,D	1
-375B	149T6101-50		.SHIM	E-K	1
380	149T6142-2		.PLATE-SERRATED	A-D	1
-380A	149T6142-4		.PLATE-SERRATED	E-K	1
385	149T6142-1		.PLATE-SERRATED	A-D	1
-385A	149T6142-3		.PLATE-SERRATED	E-K	1
390	BACB30NN8K38		.BOLT		4
395	BACW10BP8DP		.WASHER		4
400	H51650-8BAC		.NUT- (V15653) (SPEC BACN10JC8CD) (OPT 102LH9074-8 (V72962)) (OPT 69235-820CD (V92215)) (OPT BMN4122CPD8-8 (V97928))		4
405	BACB30NN6K77		.BOLT		4
410	BACW10BP6DP		.WASHER		4
415	H52732-6CD		.NUT- (V15653) (SPEC BACN10YR6CD) (OPT PLH56CD (V62554))		4
420	149T6141-1		.SUPPORT-FITTING	A-D	1
-420A	149T6141-2		.SUPPORT-FITTING (OPT ITEM 420B)	E-K	1
-420B	149T6141-3		.SUPPORT-FITTING (OPT ITEM 420A)	E-K	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
425	149T6101-13		. SHIM	A,B	1
-425A	149T6101-46		. SHIM	C-K	1
430	149T6101-33		. SHIM	A,B	3
-430A	149T6101-47		. SHIM	C-K	3
435	149T6101-15		. SHIM	A-D	1
R -435A	149T6101-51		. SHIM	E-K	1
440	149T6101-35		. SHIM	A-D	3
R -440A	149T6101-52		. SHIM	E-K	3
445	BACB30NN6K42		. BOLT		2
450	BACB30NN6K40		. BOLT		4
455	BACB30NN6K74		. BOLT		20
460	BACB30NN6K79		. BOLT		21
465	BACB30LR6-80		. BOLT		1
470	BACW10BP6DP		. WASHER		48
475	NAS1149D0616J		. WASHER		1
480	H52732-6CD		. NUT- (V15653) (SPEC BACN10YR6CD) (OPT PLH56CD (V62554))		48
485	940CW24-20		. JUMPER- (V91812) (SPEC BACJ40AB24-20) (OPT 100224-20 (V1FF12)) (OPT RBEJ40AB24-20 (V1GK47))		1
490	HL13VAZ10-16		. BOLT- (V17446) (SPEC BACB30NY10K16) (OPT L801-10K16 (VOPTK6)) (OPT HL13VAZ10-16 (V60516)) (OPT HL13VAZ10-16 (V97928)) (OPT L801-10K16 (V06725)) (OPT HL13VAZ10-16 (V92215)) (OPT HL13VAZ10-16 (V73197)) (OPT HL13VAZ10-16 (V56878))		20

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-495	HL1087-10		.COLLAR- (V56878) (SPEC BACC30BH10) (OPT HL1087-10 (V92215)) (OPT HL1087-10 (V73197)) (OPT HL1087-10 (V9N513))	A-H	20
R -495A	HL1087-10		.COLLAR- (V56878) (SPEC BACC30BH10) (OPT HL1087-10 (V92215)) (OPT HL1087-10 (V73197)) (OPT HL1087-10 (V9N513)) (OPT ITEM 495B)	J,K	20
R -495B	HL79-10		.COLLAR- (V56878) (SPEC BACC30M10) (OPT HL79-10 (V73197)) (OPT HL79-10 (V92215)) (OPT 66014-10 (V56878)) (OPT HL79-10 (V5M902)) (OPT ITEM 495A)	J,K	20
500	149T6130-1		.BEAM ASSY-CTR HINGE	A,C,E ,G,J	1
-505	149T6130-2		.BEAM ASSY-CTR HINGE	B,D,F ,H,K	1
510	MS15001-1		..FITTING		1
515	BACB28AU28B200C		..BUSHING		2
520	BACB28AT24B075C		..BUSHING		4
525	149T6130-3		..BEAM- (OPT ITEM 525A)	A,C,E ,G,J	1
-525A	149T6130-5		..BEAM- (OPT ITEM 525)	A,C,E ,G,J	1
-530	149T6130-4		..BEAM- (OPT ITEM 530A)	B,D,F ,H,K	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
-530A	149T6130-6		..BEAM- (OPT ITEM 530)	B,D,F ,H,K	1
535	149T6101-11		.SHIM		1
540	149T6101-31		.SHIM		3
545	149T6101-9		.SHIM		1
550	149T6101-29		.SHIM		3
555	149T6101-7		.SHIM		1
560	149T6101-27		.SHIM		3
565	149T6101-5		.SHIM	A,B	1
-565A	149T6101-44		.SHIM	C-K	1
570	149T6101-25		.SHIM	A,B	2
-570A	149T6101-45		.SHIM	C-K	2
575	149T6101-3		.SHIM		1
580	149T6101-23		.SHIM		2
585	149T6101-1		.SHIM	A,B	1
-585A	149T6101-42		.SHIM	C-K	1
590	149T6101-21		.SHIM	A,B	2
-590A	149T6101-43		.SHIM	C-K	2
595	149T6110-1		DELETED		
-600	149T6110-2		DELETED		
605	NAS1835C3P		DELETED		
610	149T6110-101		DELETED		
-615	149T6110-102		DELETED		
620	BAC27ECT1137		DELETED		
640	149T6160-75		.SEAL	A,C,E ,G,J	1
-642	149T6160-76		.SEAL	B,D,F ,H,K	1
644	149T6100-5		.PLUG		1
R 646	149T6100-7		.PLUG		1
648	149T6160-43		DELETED		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
649	BACB30VF3K2		.BOLT		6
650	BACB30VF3K3		.BOLT		33
652	BACB30VF3K4		.BOLT		1
654	BACB30VF3K5		.BOLT		1
656	BACW10BP3DP		.WASHER		40
658	H52732-3CD		.NUT- (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))		40
659	149T6160-43		.SPLICE		3
660	149T6160-41		.DEPRESSOR-SEAL	A,C,E ,G,J	1
-662	149T6160-42		.DEPRESSOR-SEAL	B,D,F ,H,K	1
664	149T6160-39		.DEPRESSOR-SEAL	A,C,E ,G,J	1
-666	149T6160-40		.DEPRESSOR-SEAL	B,D,F ,H,K	1
668	149T6160-37		.DEPRESSOR-SEAL	A,C,E ,G,J	1
-670	149T6160-38		.DEPRESSOR-SEAL	B,D,F ,H,K	1
672	149T6160-35		.DEPRESSOR ASSY-SEAL	A,C,E ,G,J	1
-674	149T6160-36		.DEPRESSOR ASSY-SEAL	B,D,F ,H,K	1
676	BACR15BA4ADC		..RIVET- (SIZE DETERMINE ON INST)		4
678	149T6160-89		..DEPRESSOR-SEAL	A,C,E ,G,J	1
-680	149T6160-90		..DEPRESSOR-SEAL	B,D,F ,H,K	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-682	149T6160-9		..RETAINER	A,C,E ,G,J	1
-684	149T6160-10		..RETAINER	B,D,F ,H,K	1
686	149T6915-1		.SPACER ASSY-SPRT	A,C,E ,G,J	1
-688	149T6915-2		.SPACER ASSY-SPRT	B,D,F ,H,K	1
690	BACR15BA3ADC		..RIVET- (SIZE DETERMINE ON INST)		10
692	102F9209M3		..NUTPLATE- (V72962) (SPEC BACN10KH3CD) (OPT FS1651-3 (V15653)) (OPT NS202496-02 (V80539))		5
694	149T6915-3		..SPACER	A,C,E ,G,J	1
-696	149T6915-4		..SPACER		1
698	149T6160-69		.SEAL	A-F	1
-698A	149T6160-103		DELETED		
R 699	149T6160-103		.SEAL	G-K	1
700	149T6160-67		.SEAL	A-F	1
-700A	149T6160-105		DELETED		
R 701	149T6160-105		.SEAL	G-K	1
702	149T6100-5		.PLUG	A-F	4
R -702A	149T6161-1		.PLUG	G-K	4
704	BACB30VF3K4		.BOLT		13
706	BACB30VF3K6		.BOLT		4
708	BACB30VF3K7		.BOLT		4
710	BACB30VF3K5		.BOLT		5

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
712	BACB30VF3K3		.BOLT		18
714	BACW10BP3DP		.WASHER		38
716	AS46-3		.WASHER- (V10630) (SPEC BACW10AU3) (OPT K19701P3 (V15653)) (OPT 53488W1032 (V56878)) (OPT 6073-0 (V72962)) (OPT TLN1020L3W (V08524))		6
718	H52732-3CD		.NUT- (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))		38
720	H19700P3		.NUT- (V15653) (SPEC BACN10MT3) (OPT 52LH6073-02 (V72962)) (OPT TLN1020L3N (V97928)) (OPT 53488N1032 (V56878))		6
722	149T6160-71		.SEAL		1
724	149T6160-23		.DEPRESSOR-SEAL		1
726	149T6160-7		.RETAINER-SEAL		1
728	149T6160-5		.RETAINER-SEAL	A,C,E	1
-730	149T6160-6		.RETAINER-SEAL	B,D,F	1
R 731	149T6160-109		.RETAINER-SEAL	G-K	1
732	149T6160-3		.RETAINER-SEAL	A,C,E	1
-734	149T6160-4		.RETAINER-SEAL	B,D,F ,K	1
736	149T6160-1		.RETAINER-SEAL		1
R 737	149T6160-110		.RETAINER-SEAL	G-K	1
738	BACB30VF3K4		.BOLT		32
740	BACW10BP3DP		.WASHER		32
742	H52732-3CD		.NUT- (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))		32

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
R 744	149T6100-21		. PLUG	A-F	1
R -744A	149T6161-3		. PLUG	G-K	1
R 746	149T6100-19		. PLUG	A-F	3
R -746A	149T6161-2		. PLUG	G-K	3
R 748	149T6100-23		. PLUG	A-F	1
R 750	149T6100-25		. PLUG	A-F	1
R 752	149T6100-31		. PLUG	A-F	1
R 754	149T6100-29		. PLUG	A-F	1
R 756	149T6100-27		. PLUG	A-F	1
R 758	149T6160-25		. DEPRESSOR-SEAL	A,C,E	1
R -758A	149T6160-113		. DEPRESSOR-SEAL	G,J	1
R -760	149T6160-26		. DEPRESSOR-SEAL	B,D,F	1
R -760A	149T6160-114		. DEPRESSOR-SEAL	H,K	1
R 762	149T6160-27		. DEPRESSOR-SEAL	A,C,E	1
R -762A	149T6160-115		. DEPRESSOR-SEAL	G,J	1
R -764	149T6160-28		. DEPRESSOR-SEAL	B,D,F	1
R -764A	149T6160-116		. DEPRESSOR-SEAL	H,K	1
R 766	149T6160-29		. DEPRESSOR-SEAL	A,C,E	1
R -766A	149T6160-117		. DEPRESSOR-SEAL	G,J	1
R -768	149T6160-30		. DEPRESSOR-SEAL	B,D,F	1
R -768A	149T6160-118		. DEPRESSOR-SEAL	H,K	1
R 770	149T6160-33		. DEPRESSOR-SEAL	A,C,E	1
R -770A	149T6160-121		. DEPRESSOR-SEAL	G,J	1
R -772	149T6160-34		. DEPRESSOR-SEAL	B,D,F	1
R -772A	149T6160-122		. DEPRESSOR-SEAL	H,K	1
R 774	149T6160-31		. DEPRESSOR-SEAL	A,C,E	1
R -774A	149T6160-119		. DEPRESSOR-SEAL	G,J	1
R -776	149T6160-32		. DEPRESSOR-SEAL	B,D,F	1
R -776A	149T6160-120		. DEPRESSOR-SEAL	H,K	1
R 778	149T6160-73		. SEAL	A-F	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R	01-779	149T6160-107	.SEAL	G,J	1
R	-779P	149T6160-108	.SEAL	H,K	1
	780	149T6160-93	.SEAL	A,C,E	1
	-782	149T6160-94	.SEAL	B,D,F	1
	784	149T6160-95	.SEAL	A,C,E	1
	-786	149T6160-96	.SEAL	B,D,F	1
	788	149T6160-77	.SEAL	A,C,E	1
	-790	149T6160-78	.SEAL	G,J B,D,F H,K	1
	792	149T6160-85	DELETED		
	-794	149T6160-86	DELETED		
	796	149T6100-11	.PLUG		2
	798	149T6100-5	.PLUG		1
	800	149T6100-9	.PLUG		1
	802	149T6100-17	.PLUG		4
	804	149T6100-13	.PLUG		1
	806	149T6100-15	.PLUG		1
	808	BACB30VF3K4	.BOLT		14
	810	BACB30VF3K5	.BOLT		7
	812	BACB30VF3K3	.BOLT		22
	814	BACB30NM3K4	.BOLT		37
	816	BACB30VF3K6	.BOLT		2
	818	BACB30VF3K7	.BOLT		2
	820	BACB30VF3K8	.BOLT		14
	821	BACB30VF3K9	.BOLT		5
	822	BACW10BP3DP	.WASHER		103
	824	BACW10BP3CD	.WASHER		37
	826	H52732-3CD	.NUT- (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))		103

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01-828	149T6160-11		.RETAINER-SEAL	A,C,E ,G,J	1
-830	149T6160-12		.RETAINER-SEAL	B,D,F ,H,K	1
832	149T6160-47		.DEPRESSOR-SEAL		1
834	149T6160-81		.SEAL	A,C,E ,G,J	1
-836	149T6160-82		.SEAL	B,D,F ,H,K	1
838	149T6160-45		.DEPRESSOR-SEAL		1
840	149T6160-79		.SEAL	A,C,E ,G,J	1
-842	149T6160-80		.SEAL	B,D,F ,H,K	1
844	149T6160-49		.DEPRESSOR-SEAL		1
846	149T6160-83		.SEAL	A,C,E ,G,J	1
-848	149T6160-84		.SEAL	B,D,F ,H,K	1
850	149T6160-85		.SEAL	A,C,E ,G,J	1
-852	149T6160-86		.SEAL	B,D,F ,H,K	1
854	149T6160-13		.RETAINER-SEAL		1
856	149T6160-15		.RETAINER-SEAL	A,C,E ,G,J	1
-858	149T6160-16		.RETAINER-SEAL	B,D,F ,H,K	1
860	149T6160-53		.ANGLE-SPRT	A,C,E ,G,J	1
-862	149T6160-54		.ANGLE-SPRT	B,D,F ,H,K	1
864	149T6160-51		.ANGLE-SPRT		1
866	149T6160-55		.ANGLE-SPRT	A,C,E ,G,J	1
-868	149T6160-56		.ANGLE-SPRT	B,D,F ,H,K	1
870	149T6160-57		.ANGLE-SPRT	A,C,E ,G,J	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
-872	149T6160-58		. ANGLE-SPRT	B,D,F ,H,K	1
874	149T6160-59		. DEPRESSOR ASSY-SEAL	A,C,E ,G,J	1
-876	149T6160-60		. DEPRESSOR ASSY-SEAL	B,D,F ,H,K	1
878	149T6160-97		.. SEAL		1
880	149T6160-99		.. PLUG		2
882	149T6160-101		.. DEPRESSOR-SEAL	A,C,E ,G,J	1
-884	149T6160-102		.. DEPRESSOR-SEAL	B,D,F ,H,K	1
886	149T6160-17		. DEPRESSOR-SEAL		1
888	149T6160-19		. DEPRESSOR-SEAL		1
890	149T6160-21		. DEPRESSOR-SEAL	A,C,E ,G,J	1
-892	149T6160-22		. DEPRESSOR-SEAL	B,D,F ,H,K	1
894	149T6160-87		. SEAL	A,C,E ,G,J	1
-896	149T6160-88		. SEAL	B,D,F ,H,K	1
898	149T6160-91		. DEPRESSOR-SEAL	A,C,E ,G,J	1
-900	149T6160-92		. DEPRESSOR-SEAL	B,D,F ,H,K	1
902	149T6160-61		. ANGLE-SPRT		1
904	149T6160-63		. ANGLE-SPRT	A,C,E ,G,J	1
-906	149T6160-64		. ANGLE-SPRT	B,D,F ,H,K	1
908	149T6160-65		. ANGLE-SPRT	A,C,E ,G,J	1
-910	149T6160-66		. ANGLE-SPRT	B,D,F ,H,K	1
930	149T6110-1		. PANEL ASSY-BONDED	A	1
-930A	149T6110-83		. PANEL ASSY-BONDED	C,E,G	1
R -930B	149T6110-85		. PANEL ASSY-BONDED	J	1
-932	149T6110-2		. PANEL ASSY-BONDED	B	1
-932A	149T6110-84		. PANEL ASSY-BONDED	D,F,H	1
R -932B	149T6110-86		. PANEL ASSY-BONDED	K	1
934	NAS1835C3P		.. INSERT		8
936	149T6110-101		.. CORE ASSY	A	1
-936A	149T6110-103		.. CORE ASSY	C,E,G	1
R -936B	149T6110-105		.. CORE ASSY	J	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
R -938	149T6110-102		..CORE ASSY	B	1
R -938A	149T6110-104		..CORE ASSY	D,F,H	1
R -938B	149T6110-106		..CORE ASSY	K	1
R 940	149T6912-1		.SHIELD ASSY-HEAT	A,C,E	1
R -942	149T6912-1		.SHIELD ASSY-HEAT	,G,J B,D,F ,H,K	1
			ATTACHING PARTS		
R 944	BACB30VF3K5		.BOLT		13
R 946	BACB30VF3K7		.BOLT		2
R 948	BACB30VF3K8		.BOLT		1
R 950	BACB30VF3K1		.BOLT		8
R 952	BACW10BP3DP		.WASHER		13
R 954	AS46-3		.WASHER- (V10630) (SPEC BACW10AU3) (OPT K19701P3 (V15653)) (OPT 53488W1032 (V56878)) (OPT 6073-0 (V72962)) (OPT TLN1020L3W (V08524))		3
R 956	H52732-3CD		.NUT- (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))		13

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01-958	H19700P3		.NUT- (V15653) (SPEC BACN10MT3) (OPT 52LH6073-02 (V72962)) (OPT TLN1020L3N (V97928)) (OPT 53488N1032 (V56878)) -----*		3
R 960	BACR15CE6AD		..RIVET- (SIZE DETERMINE ON INST)		38
R 962	149T6914-1		..SUPPORT	A,C,E ,G,J	1
R -964	149T6914-2		..SUPPORT	B,D,F ,H,K	1
R 966	149T6914-3		..SUPPORT	A,C,E ,G,J	1
R -968	149T6914-4		..SUPPORT	B,D,F ,H,K	1
R 970	149T6913-1		..BOND ASSY-PANEL	A,C,E ,G,J	1
R -972	149T6913-2		..BOND ASSY-PANEL	B,D,F ,H,K	1

- Item Not Illustrated

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