



# **COMPONENT MAINTENANCE MANUAL WITH ILLUSTRATED PARTS LIST**

## **AUXILIARY POWER UNIT DOOR ASSEMBLY**

### **PART NUMBER**

**148A6350-12, -14, -16, -18, -20, -26, -28, -30, -32,  
-34, -36, -38, -4, -40, -42, -46, -48, -50, -52, -54, -56,  
-58, -60, -61, -62, -63, -64**

**BOEING PROPRIETARY, CONFIDENTIAL, AND/OR TRADE SECRET**

Copyright © 1995 The Boeing Company  
Unpublished Work - All Rights Reserved

Boeing claims copyright in each page of this document only to the extent that the page contains copyrightable subject matter. Boeing also claims copyright in this document as a compilation and/or collective work.

This document includes proprietary information owned by The Boeing Company and/or one or more third parties. Treatment of the document and the information it contains is governed by contract with Boeing. For more information, contact The Boeing Company, P.O. Box 3707, Seattle, Washington 98124.

Boeing, the Boeing signature, the Boeing symbol, 707, 717, 727, 737, 747, 757, 767, 777, 787, Dreamliner, BBJ, DC-8, DC-9, DC-10, KC-10, KDC-10, MD-10, MD-11, MD-80, MD-88, MD-90, P-8A, Poseidon and the Boeing livery are all trademarks owned by The Boeing Company; and no trademark license is granted in connection with this document unless provided in writing by Boeing.

PUBLISHED BY BOEING COMMERCIAL AIRPLANES GROUP, SEATTLE, WASHINGTON, USA  
A DIVISION OF THE BOEING COMPANY  
PAGE DATE: Jul 01/2009

**52-46-12**

Page 1  
Jul 01/2009



## COMPONENT MAINTENANCE MANUAL

Revision No. 9  
Jul 01/2009

To: All holders of AUXILIARY POWER UNIT DOOR ASSEMBLY 52-46-12.

Attached is the current revision to this COMPONENT MAINTENANCE MANUAL

The COMPONENT MAINTENANCE MANUAL is furnished either as a printed manual, on microfilm, or digital products, or any combination of the three. This revision replaces all previous microfilm cartridges or digital products. All microfilm and digital products are reissued with all obsolete data deleted and all updated pages added.

For printed manuals, changes are indicated on the List of Effective Pages (LEP). The pages which are revised will be identified on the LEP by an R (Revised), A (Added), O (Overflow, i.e. changes to the document structure and/or page layout), or D (Deleted). Each page in the LEP is identified by Chapter-Section-Subject number, page number and page date.

Pages replaced or made obsolete by this revision should be removed and destroyed.

### ATTENTION

IF YOU RECEIVE PRINTED REVISIONS, PLEASE VERIFY THAT YOU HAVE RECEIVED AND FILED THE PREVIOUS REVISION. BOEING MUST BE NOTIFIED WITHIN 30 DAYS IF YOU HAVE NOT RECEIVED THE PREVIOUS REVISION. REQUESTS FOR REVISIONS OTHER THAN THE PREVIOUS REVISION WILL REQUIRE A COMPLETE MANUAL REPRINT SUBJECT TO REPRINT CHARGES SHOWN IN THE DATA AND SERVICES CATALOG.

**52-46-12**  
TRANSMITTAL LETTER  
Page 1  
Jul 01/2009

148A6350



## COMPONENT MAINTENANCE MANUAL

Location of Change

Description of Change

NO HIGHLIGHTS

**52-46-12**

HIGHLIGHTS

Page 1

Jul 01/2009



## COMPONENT MAINTENANCE MANUAL

Subject/Page	Date	Subject/Page	Date	Subject/Page	Date
TITLE PAGE		52-46-12 CLEANING (cont)		52-46-12 ILLUSTRATED PARTS LIST (cont)	
O 1	Jul 01/2009	402	BLANK	1010	Mar 01/2009
2	BLANK	52-46-12 CHECK		1011	Mar 01/2009
52-46-12 TRANSMITTAL LETTER		501	Mar 01/2009	1012	Mar 01/2009
O 1	Jul 01/2009	502	BLANK	1013	Mar 01/2009
2	BLANK	52-46-12 REPAIR - GENERAL		1014	Mar 01/2009
52-46-12 HIGHLIGHTS		601	Mar 01/2009	1015	Mar 01/2009
O 1	Jul 01/2009	602	BLANK	1016	Mar 01/2009
2	BLANK	52-46-12 REPAIR 1-1		1017	Mar 01/2009
52-46-12 EFFECTIVE PAGES		601	Mar 01/2009	1018	Mar 01/2009
1 thru 2	Jul 01/2009	602	Mar 01/2009	1019	Mar 01/2009
		603	Mar 01/2009	1020	Mar 01/2009
52-46-12 CONTENTS		604	Mar 01/2009	1021	Mar 01/2009
1	Mar 01/2006	605	Mar 01/2009	1022	Mar 01/2009
2	BLANK	606	Mar 01/2009	1023	Mar 01/2009
52-46-12 TR AND SB RECORD		52-46-12 REPAIR 2-1		1024	Mar 01/2009
1	Mar 01/2006	601	Mar 01/2009	1025	Mar 01/2009
2	BLANK	602	Mar 01/2006	1026	Mar 01/2009
52-46-12 REVISION RECORD		52-46-12 ASSEMBLY		1027	Mar 01/2009
1	Mar 01/2006	701	Mar 01/2009	1028	Mar 01/2009
2	Mar 01/2006	702	Mar 01/2009	1029	Mar 01/2009
52-46-12 RECORD OF TEMPORARY REVISIONS		703	Mar 01/2009	1030	Mar 01/2009
1	Mar 01/2006	704	BLANK	1031	Mar 01/2009
2	Mar 01/2006	52-46-12 FITS AND CLEARANCES		1032	Mar 01/2009
52-46-12 INTRODUCTION		801	Mar 01/2006	1033	Mar 01/2009
1	Mar 01/2009	802	BLANK	1034	Mar 01/2009
2	BLANK	52-46-12 SPECIAL TOOLS, FIXTURES, AND EQUIPMENT		1035	Mar 01/2009
52-46-12 DESCRIPTION AND OPERATION		901	Mar 01/2006	1036	Nov 01/2006
1	Mar 01/2006	902	BLANK	1037	Nov 01/2006
2	Mar 01/2006	52-46-12 ILLUSTRATED PARTS LIST		1038	Nov 01/2006
52-46-12 TESTING AND FAULT ISOLATION		1001	Nov 01/2008	1039	Nov 01/2006
101	Mar 01/2006	1002	Jul 01/2006	1040	Nov 01/2006
102	BLANK	1003	Nov 01/2006	1041	Nov 01/2006
52-46-12 DISASSEMBLY		1004	Jul 01/2006	1042	Nov 01/2006
301	Mar 01/2009	1005	Jul 01/2006	1043	Nov 01/2006
302	Mar 01/2009	1006	Jul 01/2006	1044	Nov 01/2006
52-46-12 CLEANING		1007	Mar 01/2006	1045	Nov 01/2006
401	Mar 01/2006	1008	Mar 01/2006	1046	Nov 01/2006
		1009	Mar 01/2009	1047	Nov 01/2006

A = Added, R = Revised, D = Deleted, O = Overflow

# 52-46-12

EFFECTIVE PAGES

Page 1

Jul 01/2009



## COMPONENT MAINTENANCE MANUAL

Subject/Page	Date	Subject/Page	Date	Subject/Page	Date
52-46-12 ILLUSTRATED PARTS LIST (cont)		52-46-12 ILLUSTRATED PARTS LIST (cont)			
1048	Nov 01/2006	1086	Mar 01/2006		
1049	Nov 01/2006	1087	Mar 01/2006		
1050	Nov 01/2006	1088	Mar 01/2006		
1051	Mar 01/2006	1089	Mar 01/2006		
1052	Mar 01/2009	1090	Mar 01/2006		
1053	Mar 01/2009	1091	Mar 01/2006		
1054	Mar 01/2009	1092	Nov 01/2006		
1055	Mar 01/2009	1093	Nov 01/2006		
1056	Mar 01/2009	1094	Nov 01/2006		
1057	Mar 01/2009	1095	Nov 01/2006		
1058	Mar 01/2009	1096	Nov 01/2006		
1059	Mar 01/2009	1097	Nov 01/2006		
1060	Mar 01/2009	1098	Nov 01/2006		
1061	Mar 01/2009	1098.1	Nov 01/2006		
1062	Mar 01/2009	1098.2	Nov 01/2006		
1063	Nov 01/2006	1098.3	Nov 01/2006		
1064	Nov 01/2006	1098.4	Nov 01/2006		
1065	Nov 01/2006	1098.5	Nov 01/2006		
1066	Nov 01/2006	1098.6	Nov 01/2006		
1067	Nov 01/2006	1098.7	Nov 01/2006		
1068	Nov 01/2006	1098.8	Nov 01/2006		
1069	Nov 01/2006	1098.9	Nov 01/2006		
1070	Nov 01/2006	1098.10	Nov 01/2006		
1071	Nov 01/2006	1098.11	Mar 01/2009		
1072	Nov 01/2006	1098.12	Mar 01/2009		
1073	Nov 01/2006	1098.13	Mar 01/2009		
1074	Nov 01/2006	1098.14	Mar 01/2009		
1075	Nov 01/2006	1098.15	Mar 01/2009		
1076	Nov 01/2006	1098.16	Mar 01/2009		
1077	Nov 01/2006	1098.17	Mar 01/2009		
1078	Nov 01/2006	1098.18	Mar 01/2009		
1079	Nov 01/2006	1098.19	Mar 01/2009		
1080	Nov 01/2006	1098.20	Mar 01/2009		
1081	Mar 01/2006	1098.21	Mar 01/2009		
1082	Mar 01/2006	1098.22	Mar 01/2009		
1083	Mar 01/2006	1098.23	Mar 01/2009		
1084	Mar 01/2006	1098.24	BLANK		
1085	Mar 01/2006				

A = Added, R = Revised, D = Deleted, O = Overflow

# 52-46-12

EFFECTIVE PAGES

Page 2

Jul 01/2009

**COMPONENT MAINTENANCE MANUAL****TABLE OF CONTENTS**

<b><u>Paragraph Title</u></b>		<b><u>Page</u></b>
AUXILIARY POWER UNIT DOOR ASSEMBLY - DESCRIPTION AND OPERATION		1
TESTING AND FAULT ISOLATION	(Not Applicable)	
DISASSEMBLY		301
CLEANING	(Not Applicable)	
CHECK		501
REPAIR		601
ASSEMBLY		701
FITS AND CLEARANCES	(Not Applicable)	
SPECIAL TOOLS, FIXTURES, AND EQUIPMENT	(Not Applicable)	
ILLUSTRATED PARTS LIST		1001

**52-46-12**

CONTENTS

Page 1

Mar 01/2006



**COMPONENT MAINTENANCE MANUAL**

**TEMPORARY REVISION AND SERVICE BULLETIN RECORD**

<b>BOEING SERVICE BULLETIN</b>	<b>BOEING TEMPORARY REVISION</b>	<b>OTHER DIRECTIVE</b>	<b>DATE OF INCORPORATION INTO MANUAL</b>
		PRR 38121	NOV 01/00
		PRR 38121-1	NOV 01/00
		PRR 35385-125	NOV 01/00
		PRR 38295-12	NOV 01/00
		PRR 38312-1	NOV 01/00
		PRR 38548	MAR 01/04

**52-46-12**

TR AND SB RECORD

Page 1

Mar 01/2006









**COMPONENT MAINTENANCE MANUAL**

All temporary revisions to this manual will be accompanied by a cover sheet bearing the temporary revision number. Enter the temporary revision number in numerical order, together with the temporary revision date, the date the temporary revision is inserted and the initials of the person filing. When the temporary revision is incorporated or cancelled, and the pages are removed, enter the date the pages are removed and the initials of the person who removed the temporary revision.

Temporary Revision		Inserted		Removed		Temporary Revision		Inserted		Removed	
Number	Date	Date	Initials	Date	Initials	Date	Initials	Number	Date	Date	Initials

**52-46-12**





## COMPONENT MAINTENANCE MANUAL

### INTRODUCTION

#### 1. General

- A. The instructions in this manual supply the data necessary to do the maintenance functions together with the test, fault isolation, repair, and replacement of the defective parts.
- B. This manual is divided into different parts:
  - (1) Title Page
  - (2) Transmittal Letter
  - (3) Highlights
  - (4) List of Effective Pages
  - (5) Table of Contents
  - (6) Temporary Revision & Service Bulletin Record
  - (7) Record of Revisions
  - (8) Record of Temporary Revisions
  - (9) Introduction
  - (10) Procedures & IPL Sections
- C. Components that can be repaired have a different repair number for each specified repair. To find the repair number location of a component, look in the Repair-General procedure at the beginning of the REPAIR section. The Repair-General procedure also has an explanation of the True Position Dimension symbols used.
- D. All dimensions, measures, quantities and weights included are in English units. When metric equivalents are given they will be in the parentheses that follow the English units.
- E. The introduction to the Illustrated Parts List (IPL) shows how the IPL data is used.
- F. Design changes, optional parts, configuration differences and Service Bulletin modifications may cause different part numbers. These part numbers are identified in the IPL with an alphabetical letter which is added to the end of the basic item number. This new item number is referred to as an alpha-variant. Throughout the manual, IPL basic item number references also apply to alpha-variants unless shown differently.
- G. The tool reference numbers found in the individual procedures and in the Special Tools, Fixtures, and Equipment section are used to identify if a tool is a standard tool (STD-XXXX), a commercial tool (COM-XXXX), or a Special Tool (SPL-XXXX). This reference number is also used to distinguish between tools with similar names in the same procedure. These reference numbers are for use in the documentation only. They are not to be used for ordering tools.

# 52-46-12

INTRODUCTION

Page 1

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

### AUXILIARY POWER UNIT DOOR ASSEMBLY - DESCRIPTION AND OPERATION

#### 1. Description

A. The auxiliary power unit (APU) door assembly is made of aluminum alloy frame extrusions and clad aluminum sheet structure. It has two hinges, three latches, two door support rods, a fire detection system, fire resistant liner and insulation, and a fluid drain system. It does not hold pressure.

#### 2. Operation

A. The latch trigger buttons disengage the door latches from the door frame fittings to let the door be manually lowered to the open position. Support rods hold the door in the open position.

B. When the door is closed, the latch handles move the latch hooks to engage with their door frame fittings to close the latches.

#### 3. Leading Particulars (Approximate)

A. Length – 70 inches

B. Width – 53 inches

C. Height – 14 inches

D. Weight – 50 pounds

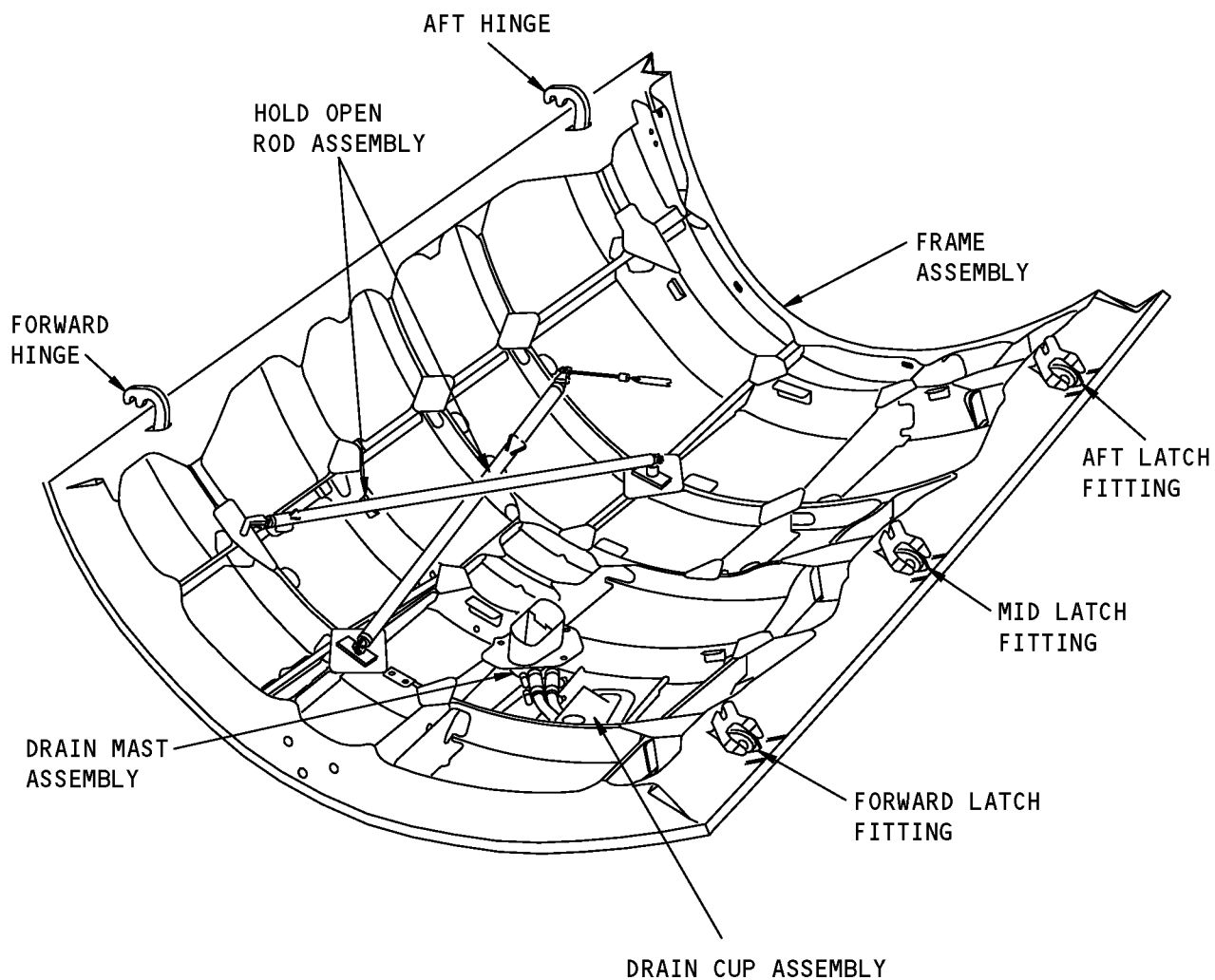
# 52-46-12

DESCRIPTION AND OPERATION

Page 1

Mar 01/2006

COMPONENT MAINTENANCE MANUAL



APU Door Assembly  
Figure 1

**52-46-12**

DESCRIPTION AND OPERATION

Page 2

Mar 01/2006



**COMPONENT MAINTENANCE MANUAL**

**TESTING AND FAULT ISOLATION**

**(NOT APPLICABLE)**

**52-46-12**

TESTING AND FAULT ISOLATION

Page 101

Mar 01/2006



## COMPONENT MAINTENANCE MANUAL

### DISASSEMBLY

#### 1. General

- A. This procedure has the data necessary to disassemble the APU 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 the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in the procedures.
- D. Refer to IPL Figure 1, IPL Figure 2 and IPL Figure 3 for item numbers.

#### 2. Disassembly

##### A. Procedure

- (1) Use standard industry practices and these steps.
- (2) Remove the insulation blankets (IPL Figure 1, 695B; IPL Figure 2, 740) from door structure.
- (3) Remove and disassemble the hold open rod assembly (IPL Figure 1, 50; IPL Figure 2, 40A; IPL Figure 3, 60) from the door structure as follows:
  - (a) Disconnect the cowl pin (IPL Figure 1, 110A; IPL Figure 2, 95; IPL Figure 3, 130) from the spring clip (IPL Figure 1, 200; IPL Figure 2, 180; IPL Figure 3, 225).
  - (b) Remove the nut (IPL Figure 1, 35; IPL Figure 2, 30; IPL Figure 3, 40), washer (IPL Figure 1, 40; IPL Figure 2, 35; IPL Figure 3, 50), spring washer (IPL Figure 1, 45), and the hold open rod assembly.
  - (c) Remove the cotter pin (IPL Figure 1, 60; IPL Figure 2, 50; IPL Figure 3, 70), nut (IPL Figure 1, 75; IPL Figure 2, 65; IPL Figure 3, 85), washers (IPL Figure 1, 70; IPL Figure 2, 60; IPL Figure 3, 80), bolt (IPL Figure 1, 65; IPL Figure 2, 55; IPL Figure 3, 75), and eyebolt (IPL Figure 1, 80; IPL Figure 2, 70; IPL Figure 3, 90).

**NOTE:** Do not disassemble the remaining components of the hold open rod assembly unless part replacement is necessary.

- (4) Remove and disassemble the hold open rod assembly (IPL Figure 1, 55; IPL Figure 2, 45; IPL Figure 3, 65) from the door structure as follows:
  - (a) Disconnect the cowl pin (IPL Figure 1, 110A; IPL Figure 2, 95; IPL Figure 3, 130) from the spring clip (IPL Figure 1, 200; IPL Figure 2, 180; IPL Figure 3, 225).
  - (b) Remove the nut (IPL Figure 1, 35; IPL Figure 2, 30; IPL Figure 3, 40), washer (IPL Figure 1, 40; IPL Figure 2, 35; IPL Figure 3, 45), spring washer (IPL Figure 1, 45), and the hold open rod assembly.
  - (c) Remove the cotter pin (IPL Figure 1, 60; IPL Figure 2, 50; IPL Figure 3, 70) nut (IPL Figure 1, 75; IPL Figure 2, 65; IPL Figure 3, 85), washers (IPL Figure 1, 70; IPL Figure 2, 60; IPL Figure 3, 80), bolt (IPL Figure 1, 65; IPL Figure 2, 55; IPL Figure 3, 75), and eyebolt (IPL Figure 1, 85; IPL Figure 2, 72; IPL Figure 3, 95).

**NOTE:** Do not disassemble the remaining components of the hold open rod assembly unless part replacement is necessary.

- (5) Remove the nuts (IPL Figure 1, 160; IPL Figure 2, 135; IPL Figure 3, 175), washers (IPL Figure 1, 155; IPL Figure 2, 130; IPL Figure 3, 170), screws (IPL Figure 1, 150; IPL Figure 2, 125; IPL Figure 3, 165), and plate (IPL Figure 1, 165) or plate assembly (IPL Figure 1, 166; IPL Figure 2, 140; IPL Figure 3, 180).

# 52-46-12

DISASSEMBLY

Page 301

Mar 01/2009





## COMPONENT MAINTENANCE MANUAL

- (6) Remove the bolts (IPL Figure 1, 170A, 175A; IPL Figure 2, 155, 160; IPL Figure 3, 195, 200), spacers (IPL Figure 1, 180, 185; IPL Figure 2, 165, 170; IPL Figure 3, 215, 220), washers (IPL Figure 1, 195; IPL Figure 2, 175; IPL Figure 3, 205, 210), and spring clip (IPL Figure 1, 200; IPL Figure 2, 180; IPL Figure 3, 225).
- (7) Remove the doubler assembly, drain mast assembly, drain cup assembly and drain from door structure as follows:
  - (a) Remove the clamps (IPL Figure 1, 485, 490; IPL Figure 2, 485, 490; IPL Figure 3, 535, 540), hose (IPL Figure 1, 495, 500; IPL Figure 2, 495; IPL Figure 3, 545) and tube (IPL Figure 2, 500; IPL Figure 3, 550).
  - (b) For APU door assemblies (IPL Figure 1, 1A thru 1F) only, remove the nuts (515), washers (510), bolts (505), doubler assembly (520), and drain mast assembly (545).
  - (c) Remove the bolts (IPL Figure 1, 560, 565; IPL Figure 2, 530, 535; IPL Figure 3, 585, 590), collars (IPL Figure 1, 570, 575; IPL Figure 2, 540, 545; IPL Figure 3, 595, 600), and drain cup assembly (IPL Figure 1, 580; IPL Figure 2, 550; IPL Figure 3, 605).
  - (d) For APU door assemblies (IPL Figure 2) only, remove the bolts (570, 575, 580), collars (585), and drain mast (590).
  - (e) For APU door assemblies (IPL Figure 3), remove bolts (625, 630, 635), collars (640) and drain mast (645).
- (8) Remove the latch stops and latch assemblies from the door structure as follows:
  - (a) Remove the bolts (IPL Figure 1, 390, 395; IPL Figure 2, 375, 380; IPL Figure 3, 425, 430), collars (IPL Figure 1, 400; IPL Figure 2, 385; IPL Figure 3, 435) and latch stops (IPL Figure 1, 405, 410, 415; IPL Figure 2, 390, 395, 400; IPL Figure 3, 440, 445, 450).
  - (b) Remove the bolts (IPL Figure 1, 420; IPL Figure 2, 405; IPL Figure 3, 455), washers (IPL Figure 1, 430; IPL Figure 2, 415; IPL Figure 3, 460), nuts (IPL Figure 1, 435; IPL Figure 2, 420; IPL Figure 3, 465), and latch assemblies (IPL Figure 1, 445; IPL Figure 2, 430; IPL Figure 3, 470).
- (9) Remove the bolts (IPL Figure 1, 5; IPL Figure 2, 5; IPL Figure 3, 5), washers (IPL Figure 1, 10, 15; IPL Figure 2, 10; IPL Figure 3, 10, 15, 20), nuts (IPL Figure 1, 20; IPL Figure 2, 15; IPL Figure 3, 25), forward hinge (IPL Figure 1, 25 or 27; IPL Figure 2, 20; IPL Figure 3, 30) and aft hinge (IPL Figure 1, 30 or 32; IPL Figure 2, 25; IPL Figure 3, 35).

# 52-46-12

DISASSEMBLY

Page 302

Mar 01/2009



COMPONENT MAINTENANCE MANUAL

CLEANING

**(NOT APPLICABLE)**

**52-46-12**

CLEANING  
Page 401

Mar 01/2006



## COMPONENT MAINTENANCE MANUAL

### CHECK

#### 1. General

- A. This procedure has the data necessary to find defects in the material of specified parts.
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in the procedure.
- C. Refer to IPL Figure 1, IPL Figure 2 and IPL Figure 3 for item numbers.

#### 2. Check

##### A. References

Reference	Title
SOPM 20-20-01	MAGNETIC PARTICLE INSPECTION
SOPM 20-20-02	PENETRANT METHODS OF INSPECTION

##### B. Procedure

- (1) Use standard industry practices to do a visual check of all the parts for defects. Do the penetrant or magnetic particle check on the parts that follow if a visual check shows possible damage or if you think there is possible damage:
  - (a) Do a magnetic particle check (SOPM 20-20-01) of these parts:
    - 1) Rod end (IPL Figure 1, 100; IPL Figure 2, 85; IPL Figure 3, 120)
    - 2) Latch stops (IPL Figure 1, 405, 410, 415; IPL Figure 2, 390, 395, 400; IPL Figure 3, 440, 445, 450)
    - 3) Hinge (IPL Figure 1, 25, 27, 30, 32; IPL Figure 2, 20, 25; IPL Figure 3, 30, 35)
  - (b) Do a penetrant check (SOPM 20-20-02) of these parts:
    - 1) End (IPL Figure 1, 130; IPL Figure 2, 115; IPL Figure 3, 150)
    - 2) Plate (IPL Figure 1, 165, 168; IPL Figure 2, 150; IPL Figure 3, 190)
    - 3) Bracket (IPL Figure 1, 230; IPL Figure 2, 210; IPL Figure 3, 255)
    - 4) Frame hinge (IPL Figure 1, 285, 290; IPL Figure 2, 270, 275; IPL Figure 3, 315, 320)
    - 5) Bearing (IPL Figure 1, 440; IPL Figure 2, 425; IPL Figure 3, 480)
    - 6) Fitting (IPL Figure 2, 605, 610; IPL Figure 3, 685, 690)
    - 7) Latch fittings (IPL Figure 1, 470, 475, 480; IPL Figure 2, 460; IPL Figure 3, 510)
    - 8) Drain (IPL Figure 1, 610)
    - 9) Edge (IPL Figure 1, 650, 685; IPL Figure 2, 665; IPL Figure 3, 750)
    - 10) Frame (IPL Figure 1, 680, 690; IPL Figure 2, 685, 735; IPL Figure 3, 780, 850)

# 52-46-12

CHECK

Page 501

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

### REPAIR

#### 1. General

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

**Table 601:**

<b>PART NUMBER</b>	<b>NAME</b>	<b>REPAIR</b>
—	REFINISH OF OTHER PARTS	1-1
148A6355	PLATE ASSEMBLY	2-1

#### 2. Dimensioning Symbols

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

# 52-46-12

REPAIR - GENERAL

Page 601

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

### REFINISH OF OTHER PARTS - REPAIR 1-1

#### 1. General

- A. This procedure has the data necessary to refinish the parts which are not given in the specified repairs.
- B. Refer to the Standard Overhaul Practice Manual (SOPM) for the SOPM subjects identified in this procedure.
- C. Refer to IPL Figure 1, IPL Figure 2 and IPL Figure 3 for item numbers.

#### 2. Refinish of Other Parts

##### A. Consumable Materials

**NOTE:** Equivalent substitutes may be used.

Reference	Description	Specification
C00175	Primer - Urethane Compatible, Corrosion Resistant (Less Than 1% Aromatic Amines)	BMS10-79, Type III
C00259	Primer - Chemical And Solvent Resistant Finish, Epoxy Resin	BMS10-11, Type I
C00700	Coating - Exterior Protective Enamel, Gray Gloss Enamel	BMS10-60, Type I, BAC 707
C00766	Primer - Nonchromated (For Non-Metallic Composites)	BMS10-103, Type 1
C00767	Coating - Anti-Static Coating	BMS10-21, Type III
C50075	Coating - Exterior Protective Enamel, Gray	BMS10-60, Type II, BAC707 Gray

##### B. References

Reference	Title
SOPM 20-30-02	STRIPPING OF PROTECTIVE FINISHES
SOPM 20-30-03	GENERAL CLEANING PROCEDURES
SOPM 20-41-01	DECODING TABLE FOR BOEING FINISH CODES
SOPM 20-60-02	FINISHING MATERIALS
SOPM 20-60-04	MISCELLANEOUS MATERIALS

##### C. Procedure

**NOTE:** For stripping of protective finishes, refer to SOPM 20-30-02. For general cleaning procedures, refer to SOPM 20-30-03. For the decoding table for Boeing finish codes, refer to SOPM 20-41-01. For finishing materials, refer to SOPM 20-60-02. For miscellaneous materials, refer to SOPM 20-60-04.

- (1) Instructions for the repair of the parts in REPAIR 1-1, Table 601 are for replacement of the original finish.

# 52-46-12

REPAIR 1-1

Page 601

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

**Table 601:** Refinish Details

IPL FIG. & ITEM	MATERIAL	FINISH
IPL Fig. 1		
Forward Hinge (25, 27)	15-5PH CRES 150-170 ksi	Cadmium plate (F-15.06). Apply primer, C00259 (F-20.02).
Aft Hinge (30, 32)	15-5PH CRES 180-200 ksi	Cadmium plate (F-15.06). Apply primer, C00259 (F-20.02).
Eyebolt (80, 85)	15-5PH CRES 150-170 ksi	Passivate (F-17.25).
Rod end (100)	15-5PH CRES 150-170 ksi or 17-4PH CRES, 140-160 ksi	Cadmium plate (F-1.20).
End (130)	Aluminum alloy	Chemical treat or chromic acid anodize and apply primer, C00259 (F-18.05).
Tube (135, 140)	Aluminum alloy	Chemical treat (F-17.08). Apply primer, C00259 (F-20.49) onto the outside surface.
Plate (165, 168)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
Spring clip (200)	Aluminum alloy	Cadmium-titanium plate (F-1.20). Do not flex the spring. Apply primer, C00259 (SRF-12.205).
Bracket (230, 235, 265, 270, 315, 365, 370, 375, 380, 385)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
Frame Hinge (285, 290)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
Latch stop (405, 410, 415)	15-5PH CRES 150-170 ksi	Cadmium plate (F-15.06). Apply primer, C00259 (F-20.02).
Bearing (440)	17-4PH CRES, 180 ksi Minimum	Cadmium plate (F-1.191).
Fitting (470, 475, 480)	Aluminum alloy	Boric acid-sulfuric acid anodize or chromic acid anodize (F-17.31). Apply primer, C00259 (F-20.03).
Doubler (540)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
Drain Mast Assembly (545)	Bonded Assembly	For the flange only: prepare the surface (SRF-14.672). Apply anti-static coating, C00767 (F-14.685). Apply primer, C00766 (F-14.692). Apply enamel coating, C00700 (F-19.39.707).
Cup Assembly (595)	321 CRES	Cadmium plate (F-15.06). Apply primer, C00259 (F-20.02).
Drain (610)	Aluminum alloy	Boric acid-sulfuric acid anodize or chromic acid anodize the inside surfaces. Apply primer, C00259 (F-20.03) on the inside surface. Apply no finish (F-25.01) on the outside surface.
Clip (615 thru 630)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
Edge (650, 685)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
Frame (680, 690)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).

# 52-46-12

REPAIR 1-1

Page 602

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

**Table 601: Refinish Details (Continued)**

IPL FIG. & ITEM	MATERIAL	FINISH
IPL Fig. 2		
Forward Hinge (20)	15-5PH CRES 180-200 ksi	Cadmium plate (F-15.06). Apply primer, C00259 (F-20.02).
Aft Hinge (25)	15-5PH CRES 180-200 ksi	Cadmium plate (F-15.06). Apply primer, C00259 (F-20.02).
Eye Bolt (70, 72)	15-5PH CRES 150-170 ksi	Passivate (F-17.25).
Rod End (85)	15-5PH CRES 150-170 ksi or 17-4 CRES 140-160 ksi	Cadmium plate (F-1.20).
End (115)	Aluminum alloy	Chemical treat or chromic acid anodize and primer, C00259 (F-18.05).
Tube (120, 122)	Aluminum alloy	Chemical treat (F-17.08). Apply primer, C00259 (F-20.49) on the outside surface.
Plate (150)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
Spring Clip (180)	Aluminum alloy	Cadmium-titanium plate (F-1.20). Do not flex the spring. Apply primer, C00259 (SRF-12.205).
Spring Clip (180A)	Aluminum alloy	Cadmium plate (F-15.06). Apply primer, C00259(F-20.02).
Bracket (210, 215, 250, 255, 300, 350, 355, 360, 365, 370, 515, 520, 525)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
Frame Hinge (270, 275)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
Latch Stop (390, 395, 400)	Aluminum alloy	Cadmium plate (F-15.06). Apply primer, C00259 (F-20.02).
Bearing (425)	17-4PH CRES 180 ksi Minimum	Cadmium plate (F-1.191).
Fitting (455, 460, 465, 605, 610)	Aluminum alloy	Boric acid-sulfuric acid anodize or chromic acid anodize (F-17.31). Apply primer, C00259 (F-20.03).
Tube (500)	Aluminum alloy	Apply no finish (F-25.01).
Drain Mast (590)	Molded Resin	Prepare the surface (SRF-14.672). Apply coating, C00767 (F-14.685). Apply primer, C00766 (F-14.692). Apply enamel coating, C00700 (F-19.39.707).
Drain Mast (590A)	Aluminum	Boric acid-sulfuric acid anodize or chromic acid anodize (F-17.31). Apply primer, C00175 (F-19.47). Apply enamel coating, C00700 (F-19.39.707).
Cup Assembly (565)	CRES	Cadmium plate (F-15.06). Apply primer, C00259 (F-20.02).
Clip (630 thru 645)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
Edge (665, 715)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).

# 52-46-12

REPAIR 1-1

Page 603

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

**Table 601: Refinish Details (Continued)**

IPL FIG. & ITEM	MATERIAL	FINISH
Frame (685, 735)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
IPL Fig. 3		
Forward Hinge (30)	15-5PH CRES 180-200 ksi	Cadmium plate (F-15.06). Apply primer, C00259 (F-20.02).
Aft Hinge (35)	15-5PH CRES 180-200 ksi	Cadmium plate (F-15.06). Apply primer, C00259 (F-20.02).
Eye Bolt (90)	15-5PH CRES 150-170 ksi	Passivate (F-17.25).
Eye Bolt (95)	15-5PH CRES 150-170 ksi	Passivate (F-17.25). Silver plate (F-15.07) the threads, overrun permissible.
Rod End (120)	15-5PH CRES 150-170 ksi or 17-4 CRES 140-160 ksi	Cadmium plate (F-1.20).
End (150)	Aluminum alloy	Chemical treat or chromic acid anodize and primer, C00259 (F-18.05).
Tube (155, 160)	Aluminum alloy	Chemical treat (F-17.08). Apply primer, C00259 (F-20.49) on the outside surface.
Plate (190)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
Spring Clip (225)	Aluminum alloy	Cadmium plate (F-15.06). Apply primer, C00259 (F-20.02).
Bracket (255, 260, 300, 350, 400, 405, 410, 415, 420, 570, 580A)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
Frame Hinge (315, 320)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
Latch Stop (440, 445, 450)	15-5PH CRES 150-170 ksi	Cadmium plate (F-15.06). Apply primer, C00259 (F-20.02).
Bearing (480)	17-4PH CRES 180 ksi minimum	Cadmium plate (F-1.191).
Fitting (505, 510, 515, 685, 690)	Aluminum alloy	Boric acid-sulfuric acid anodize or chromic acid anodize (F-17.31). Apply primer, C00259 (F-20.03).
Tube (550)	Aluminum alloy	Chemical treat (F-17.08).
Bracket (575)	Aluminum alloy	Boric acid-sulfuric acid anodize or chromic acid anodize (F-17.31). Apply primer, C00259 (F-20.03).
Drain Mast (645)	Molded resin	Prepare the surface (F-14.696). Apply anti-static coating coating, C00767 (F-14.685). Apply primer, C00766 (F-14.692). Apply gloss enamel coating, C00700 (F-19.39-707) as shown in REPAIR 1-1, Figure 601.

# 52-46-12

REPAIR 1-1

Page 604

Mar 01/2009





## COMPONENT MAINTENANCE MANUAL

**Table 601:** Refinish Details (Continued)

IPL FIG. & ITEM	MATERIAL	FINISH
Drain Mast (645A)	Plastic BMS 8-317	Prepare the surface (F-14.696). Apply anti-static coating, C00767 (F-14.685). Apply primer, C00766 (F-14.692). Apply enamel coating, C50075 (F-19.79-707). Apply finishes to the exterior surface.
Cup Assembly (620)	CRES	Cadmium plate (F-15.06). Apply primer, C00259 (F-20.02).
Clip (710 thru 725)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
Edge (750, 820)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).
Frame (780, 850)	Aluminum alloy	Chemical treat (F-17.07). Apply primer, C00259 (F-20.03).

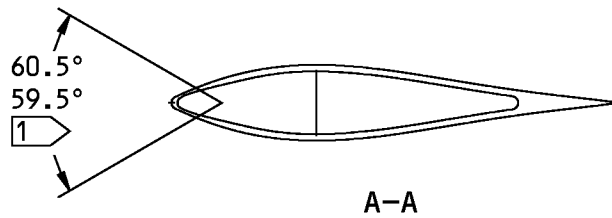
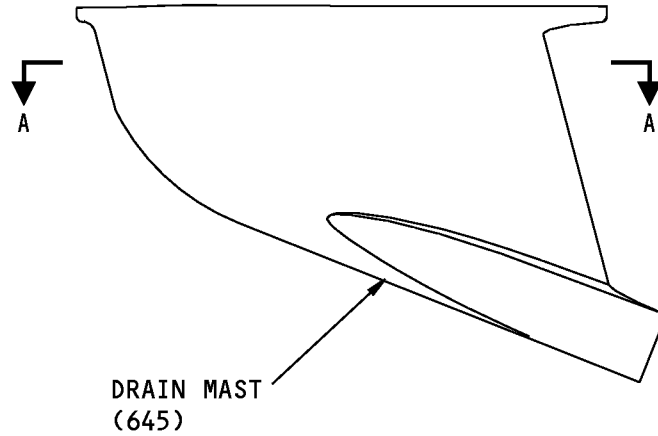
# 52-46-12

REPAIR 1-1

Page 605

Mar 01/2009

COMPONENT MAINTENANCE MANUAL



1 APPLY BMS 10-60, TYPE 2,  
 COLOR 707 GREY, 0.008-0.010  
 THICK OVERSPRAY PERMITTED

ITEM NUMBERS REFER TO IPL FIG. 3  
 ALL DIMENSIONS ARE IN INCHES

1676714 S0000306325\_V1

354A4070-2 Drain Mast Refinish  
 Figure 601

**52-46-12**

REPAIR 1-1  
 Page 606  
 Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

### PLATE ASSEMBLY - REPAIR 2-1

148A6355-164

#### 1. General

- A. This procedure has the data necessary to repair the plate assembly (IPL Figure 1, 166; IPL Figure 2, 140; IPL Figure 3, 180).
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in the procedure.
- C. Refer to IPL Figure 1, IPL Figure 2 and IPL Figure 3 for item numbers.

#### 2. Bushing Replacement

- A. Consumable Materials

**NOTE:** Equivalent substitutes may be used.

Reference	Description	Specification
A00247	Sealant - Pressure And Environmental - Chromate Type	BMS 5-95

- B. References

Reference	Title
SOPM 20-50-03	BEARING AND BUSHING REPLACEMENT
SOPM 20-60-04	MISCELLANEOUS MATERIALS

- C. Procedure (REPAIR 2-1, Figure 601)

**NOTE:** For miscellaneous materials, refer to SOPM 20-60-04.

- (1) Remove the old bushing from the plate.
- (2) Install a replacement bushing into the plate with wet sealant, A00247 as specified in SOPM 20-50-03.
- (3) Fillet seal the edges of the bushing on each side of the plate with sealant, A00247.

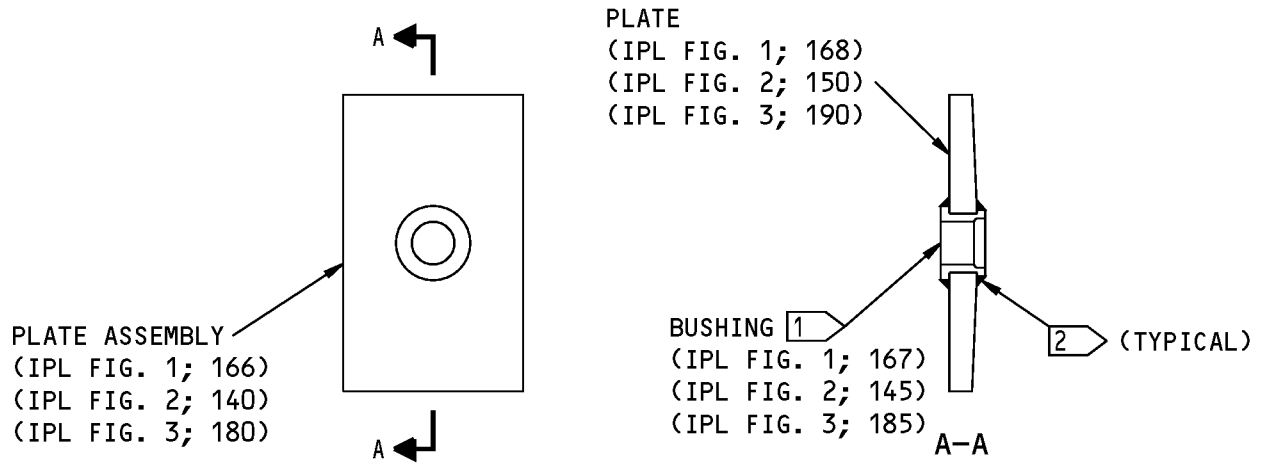
# 52-46-12

REPAIR 2-1

Page 601

Mar 01/2009

COMPONENT MAINTENANCE MANUAL



1 STAKE (SOPM 20-50-03)

2 FILLET SEAL

148A6355-164 Plate Assembly Repair  
 Figure 601

**52-46-12**

REPAIR 2-1

Page 602

Mar 01/2006



## COMPONENT MAINTENANCE MANUAL

### ASSEMBLY

#### 1. General

- A. This procedure has the necessary data to assemble the auxiliary power unit door assembly.
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.
- C. Refer to IPL Figure 1, IPL Figure 2 and IPL Figure 3 for item numbers.

#### 2. Assembly

##### A. Consumable Materials

**NOTE:** Equivalent substitutes may be used.

Reference	Description	Specification
A00247	Sealant - Pressure And Environmental - Chromate Type	BMS 5-95
C00304	Coating - Teflon Filled, Non Decorative, Sprayable Material	BMS 10-86 Type I

##### B. References

Reference	Title
SOPM 20-44-01	APPLICATION OF SPECIAL PURPOSE COATINGS AND FINISHES
SOPM 20-50-01	BOLT AND NUT INSTALLATION
SOPM 20-50-19	GENERAL SEALING
SOPM 20-60-02	FINISHING MATERIALS

##### C. Procedure

**NOTE:** For bolt and nut installation, refer to SOPM 20-50-01. For finishing materials, refer to SOPM 20-60-02.

- (1) Use standard industry practices and these steps.
- (2) Install the forward and aft hinges as follows:
  - (a) Install the forward hinge (IPL Figure 1, 25, 27; IPL Figure 2, 20; IPL Figure 3, 30) onto the door structure with bolts (IPL Figure 1, 5; IPL Figure 2, 5; IPL Figure 3, 5), washers (IPL Figure 1, 10, 15; IPL Figure 2, 10; IPL Figure 3, 10, 15, 20) and nuts (IPL Figure 1, 20; IPL Figure 2, 15; IPL Figure 3, 25).
  - (b) Install the aft hinge (IPL Figure 1, 30, 32; IPL Figure 2, 25; IPL Figure 3, 35) onto the door structure with bolts (IPL Figure 1, 5; IPL Figure 2, 5; IPL Figure 3, 5), washers (IPL Figure 1, 10, 15; IPL Figure 2, 10; IPL Figure 3, 10, 15, 20) and nuts (IPL Figure 1, 20; IPL Figure 2, 15; IPL Figure 3, 25).
- (3) Install the latch assemblies and latch stops onto the door structure as follows:

**NOTE:** The latch assembly (IPL Figure 1, 445; IPL Figure 2, 430) can be a maximum of 0.020 inch above or below the door structure.

# 52-46-12

ASSEMBLY

Page 701

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

- (a) Install the latch assembly (IPL Figure 1, 445; IPL Figure 2, 430; IPL Figure 3, 470) with bolts (IPL Figure 1, 420; IPL Figure 2, 405; IPL Figure 3, 455), washers (IPL Figure 1, 430; IPL Figure 2, 415; IPL Figure 3, 460) and nuts (IPL Figure 1, 435; IPL Figure 2, 420; IPL Figure 3, 465).
  - 1) Tighten the bolts sufficiently to compress the washers and to hold the latch assembly in the open position.
  - 2) Put a washer on each side of the latch assembly as necessary. This will put the latch assembly symmetrically with the forward latch pin fitting (IPL Figure 1, 470; IPL Figure 2, 455; IPL Figure 3, 505) and limit the structure pull down to 0.010 inch.
- (b) Install the latch stops (IPL Figure 1, 405, 410, 415; IPL Figure 2, 390, 395, 400; IPL Figure 3, 440, 445, 450) with bolts (IPL Figure 1, 390, 395; IPL Figure 2, 375, 380; IPL Figure 3, 425, 430) and collars (IPL Figure 1, 400; IPL Figure 2, 385; IPL Figure 3, 435).
- (4) Install the drain, drain cup assembly, drain mast assembly and doubler assembly onto the door structure as follows:
  - (a) Apply sealant, A00247 to bolts (IPL Figure 2, 570, 575, 580; IPL Figure 3, 625, 630, 635) and collars (IPL Figure 2, 585; IPL Figure 3, 640).
  - (b) For APU door assemblies (IPL Figure 2), install the drain mast (590) with bolts (570, 575, 580) and collars (585).
  - (c) For APU door assemblies (IPL Figure 3), install the drain mast (645) with bolts (625, 630, 635) and collars (640).
  - (d) Apply sealant, A00247 on mating surfaces of the drain cup assembly (IPL Figure 1, 580; IPL Figure 2, 550; IPL Figure 3, 605) and the door structure (SOPM 20-50-19).
  - (e) Install the drain cup assembly (IPL Figure 1, 580; IPL Figure 2, 550; IPL Figure 3, 605) with bolts (IPL Figure 1, 560, 565; IPL Figure 2, 530, 535; IPL Figure 3, 585, 590), and collars (IPL Figure 1, 570, 575; IPL Figure 2, 540, 545; IPL Figure 3, 595, 600).
  - (f) For APU door assemblies (IPL Figure 1, 1A thru 1F) only, install the doubler assembly (520), and mast drain assembly (545) with bolts (505), washers (510) and nuts (515).
  - (g) Install the tube (IPL Figure 2, 500; IPL Figure 3, 550) and hose (IPL Figure 1, 495, 500; IPL Figure 2, 495; IPL Figure 3, 545) with clamps (IPL Figure 1, 485, 490; IPL Figure 2, 485, 490; IPL Figure 3, 535, 540).
- (5) Assemble and install the hold open rod assemblies on the door structure as follows:
  - (a) Install the spring clip (IPL Figure 1, 200; IPL Figure 2, 180; IPL Figure 3, 225) with washers (IPL Figure 1, 195; IPL Figure 2, 175; IPL Figure 3, 205, 210), spacers (IPL Figure 1, 180, 185; IPL Figure 2, 165, 170; IPL Figure 3, 215, 220) and bolts (IPL Figure 1, 170A, 175A; IPL Figure 2, 155, 160; IPL Figure 3, 195, 200).
  - (b) Install the plate (IPL Figure 1, 165) or plate assembly (IPL Figure 1, 166; IPL Figure 2, 140; IPL Figure 3, 180) with screws (IPL Figure 1, 150; IPL Figure 2, 125; IPL Figure 3, 165), washers (IPL Figure 1, 155; IPL Figure 2, 130; IPL Figure 3, 170) and nuts (IPL Figure 1, 160; IPL Figure 2, 135; IPL Figure 3, 175).
  - (c) Install the eyebolt (IPL Figure 1, 85; IPL Figure 2, 72; IPL Figure 3, 90) with bolt (IPL Figure 1, 65; IPL Figure 2, 55; IPL Figure 3, 75), washers (IPL Figure 1, 70; IPL Figure 2, 60; IPL Figure 3, 80), nut (IPL Figure 1, 75; IPL Figure 2, 65; IPL Figure 3, 85) and cotter pin (IPL Figure 1, 60; IPL Figure 2, 50; IPL Figure 3, 70).

# 52-46-12

ASSEMBLY

Page 702

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

- (d) Install the hold open rod assembly (IPL Figure 1, 55; IPL Figure 2, 45; IPL Figure 3, 65) with spring washer (IPL Figure 1, 45), washer (IPL Figure 1, 40; IPL Figure 2, 35; IPL Figure 3, 45) and nut (IPL Figure 1, 35; IPL Figure 2, 30; IPL Figure 3, 40).
  - (e) Install the eyebolt (IPL Figure 1, 80; IPL Figure 2, 70; IPL Figure 3, 95) with bolt (IPL Figure 1, 65; IPL Figure 2, 55; IPL Figure 3, 75), washers (IPL Figure 1, 70; IPL Figure 2, 60; IPL Figure 3, 80), nut (IPL Figure 1, 75; IPL Figure 2, 65; IPL Figure 3, 85) and pin (IPL Figure 1, 60; IPL Figure 2, 50; IPL Figure 3, 70).
  - (f) Install the hold open rod assembly (IPL Figure 1, 50; IPL Figure 2, 40A; IPL Figure 3, 60) with spring washer (IPL Figure 1, 45), washer (IPL Figure 1, 40; IPL Figure 2, 35; IPL Figure 3, 50) and nut (IPL Figure 1, 35; IPL Figure 2, 30; IPL Figure 3, 40).
- (6) Apply coating, C00304 to all exposed surfaces of the door structure (SOPM 20-44-01).
- (7) If applicable, install the insulation blanket (IPL Figure 1, 695B; IPL Figure 2, 740) onto the door structure.
- (8) Install cowl pin (IPL Figure 1, 110A; IPL Figure 2, 95; IPL Figure 3, 130) into eyebolt (IPL Figure 1, 80, 85; IPL Figure 2, 70, 72; IPL Figure 3, 90, 95) and end (IPL Figure 1, 130, IPL Figure 2, 115; IPL Figure 3, 150) to attach holddown rod assembly (IPL Figure 1, 50, 55; IPL Figure 2, 40A, 45; IPL Figure 3, 60, 65) onto door structure.

# 52-46-12

ASSEMBLY

Page 703

Mar 01/2009



**COMPONENT MAINTENANCE MANUAL**

**FITS AND CLEARANCES**

**(NOT APPLICABLE)**

**52-46-12**

FITS AND CLEARANCES

Page 801

Mar 01/2006





**COMPONENT MAINTENANCE MANUAL**

**SPECIAL TOOLS, FIXTURES, AND EQUIPMENT**

**(NOT APPLICABLE)**

**52-46-12**

SPECIAL TOOLS, FIXTURES, AND EQUIPMENT

Page 901

Mar 01/2006



## COMPONENT MAINTENANCE MANUAL

### ILLUSTRATED PARTS LIST

#### 1. Introduction

- A. The Illustrated Parts List (IPL) contains an illustration and a list of component parts you can repair or replace. The Illustrated Parts Catalog (IPC) shows how to use the Boeing part number system.
- B. This shows how parts are related: The relation of each item to its next higher assembly (NHA) is shown in the NOMENCLATURE column. Use the indenture system that follows:

1	2	3	4	5	6	7
.	Assembly					
.	Attaching parts for assembly					
.	.	Detail parts for assembly				
.	.	Subassembly				
.	.	Attaching parts for subassembly				
.	.	.	Detail parts for subassembly			
.	.	.	Sub-subassembly			
.	.	.	Attaching parts for subassembly			
.	.	.	.	Details parts for sub-subassembly		
						Detail Installation Parts (Included only if installation parts may be sent to the shop as part of assembly)

- C. Each top assembly is given one use code letter (A, B, C, etc.) in the USAGE CODE column. All subsequent component parts in the list can have one or more of the use code letters to show effectivity to top assemblies. A component part without a use code applies to all top assemblies.
- D. An alphabetical letter is added after the item number for optional parts, parts changed by a Service Bulletin, configuration differences (except left-handed and right-handed parts), last engineering releases, and parts added between item numbers in a sequence. The alphabetical letter will not be shown on the illustration for equivalent parts of the same part number.
- E. Color-coded parts are identified with a single digit alpha following the dash number or with "SP" suffix. If the "SP" suffix is used, it represents consolidation of all color codes applicable for a given usage which are not separately listed. Orders for color-coded parts should include the registry number of the airplane for which the parts are ordered.
- F. If a part number is 15 characters long but will not fit in the part number column, the part number will be displayed with a "~" at the end of the line and will be continued on the next line. The "~" denotes that the part number continues on the next line.
- G. Parts changed by a Service Bulletin are shown by PRE SB XXXX and POST SB XXXX added to the NOMENCLATURE column.
- (1) When a new top assembly is added by a Service Bulletin, PRE SB XXXX and POST SB XXXX will be added at the top assembly level only. The configuration differences at the detail part level are shown by use code letters.
- (2) When the top assembly part number is not changed by the Service Bulletin, PRE SB XXXX and POST SB XXXX will be added at the detail level.
- H. Interchangeable Parts

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1001

Nov 01/2008



## COMPONENT MAINTENANCE MANUAL

Optional (OPT)	The part is optional to and interchangeable with other parts that have the same item number.
Replaces, Replaced by and not interchangeable with (REPLACES, REPLACED BY AND NOT INTCHG/W)	The part replaces and is not interchangeable with the initial part.
Replaces, Replaced by (REPLACES, REPLACED BY)	The part replaces and is interchangeable with, or is an alternative to, the initial part.

### VENDOR CODES

Code	Name
00624	EATON AEROQUIP INC ENGINEERED SYSTEMS DIV 300 S EAST AVE JACKSON, MICHIGAN 49203-1972 FORMERLY AEROQUIP ELBEE PLANT V99879 OR WESTERN PLANT V70128; FORMERLY AEROQUIP AEROSP DIV JACKSON PLANT; FORMERLY V11328 AEROQUIP LINAIR DIV; LAWRENCE PLANT V26622
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 SCREW CORP SEE V.S.I. CORP SCREWCORP DIVISION
08524	Replaced: [V08524] DEUTSCH FASTENER CORP SEE CODE V97928 Replaced: [V97928] SEE V17446 HUCK INTL by Code: Name and Address below 17446: HUCK INTL INC AEROSPACE FASTENER DIV 900 WATSON CENTER ROAD CARSON, CALIFORNIA 90745-4201 FORMERLY V32134 REXNORD INC; FORMERLY V97928 HUCK INTL Referenced in FORMERLY line below [17419] DEUTSCH COMPANY THE WELLS FARGO BANK BLDG 2444 WILSHIRE BLVD #600 SANTA MONICA, CALIFORNIA 90403 FORMERLY DEUTSCH FASTENER CORP V08524 FORMERLY IN LOS ANGELES

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1002

Jul 01/2006



## COMPONENT MAINTENANCE MANUAL

Code	Name
0PTK6	SPS TECHNOLOGIES INC AEROSPACE PRODUCTS DIV 5195 W 4700 SALT LAKE CITY, UTAH 94118 SEE V56878 SPS TECHNOLOGIES INC
11328	Replaced: [V11328] AEROQUIP SEE EATON AEROQUIP V00624 LINAIR ENG A TELEDYNE CO SEE TELEDYNE LINAIR ENGINEERING TELEDYNE INC SEE LINAIR ENGINEERING TELEDYNE LINAIR ENG SEE AEROQUIP CORP LINAIR DIV by Code: Name and Address below 00624: EATON AEROQUIP INC ENGINEERED SYSTEMS DIV 300 S EAST AVE JACKSON, MICHIGAN 49203-1972 FORMERLY AEROQUIP ELBEE PLANT V99879 OR WESTERN PLANT V70128; FORMERLY AEROQUIP AEROSP DIV JACKSON PLANT; FORMERLY V11328 AEROQUIP LINAIR DIV
11815	CHERRY AEROSPACE FASTENERS DIV OF TEXTRON 1224 EAST WARNER AVENUE PO BOX 2157 SANTA ANA, CALIFORNIA 92707-0157 FORMERLY IN LOS ANGELES, CALIF , FORMERLY CHERRY FASTENERS TOWNSEND DIV OF TEXTRON INC V71087
15653	ALCOA GLOBAL FASTENERS INC DIV KAYNAR PRODUCTS 800 S STATE COLLEGE BLVD FULLERTON, CALIFORNIA 92831-3001 FORMERLY VK6405 MICRODOT AEROSP LTD; FORMERLY KAYNAR TECH FORMERLY FAIRCHILD FASTENERS KAYNAR DIV
17446	HUCK INTL INC AEROSPACE FASTENER DIV 900 WATSON CENTER ROAD CARSON, CALIFORNIA 90745-4201 FORMERLY V32134 REXNORD INC; FORMERLY V97928 HUCK INTL
22013	TIGHTCO INC 2302 MARIETTA BLVD NW ATLANTA, GEORGIA 30318
22277	BELL-MEMPHIS INC 1650 CHANNEL AVENUE MEMPHIS, TENNESSEE 38113-0187 FORMERLY BELL,R.E. MFG CO V11097

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1003

Nov 01/2006



## COMPONENT MAINTENANCE MANUAL

Code	Name
26590	HOOD INDUSTRIES 4615 SHEPARD STREET BAKERSFIELD, CALIFORNIA 93309 FORMERLY IN PARAMOUNT, CALIFORNIA
52828	REPUBLIC FASTENER MFG CORP 1300 RANCHO CONEJO BLVD NEWBURY PARK, CALIFORNIA 91320-1405 FORMERLY IN SYLMAR, CALIFORNIA
56110	SWAYNE, A.D. COMPANY INC 8721 14TH SOUTH SEATTLE, WASHINGTON 98108 FORMERLY V0626B
56878	SPS TECHNOLOGIES INC AEROSPACE AND INDUSTRIAL PRODUCTS DIV 301 HIGHLAND AVE JENKINTOWN, PENNSYLVANIA 19046 FORMERLY STANDARD PRESSED STEEL FORMERLY IN SALT LAKE, UTAH
5M902	ALCOA GLOBAL FASTENERS INC, DIV OF VOI-SHAN PRODUCTS 3000 W LOMITA BLVD TORRANCE, CALIFORNIA 90505-5103 FORMERLY FAIRCHILD INC INC FAIRCHILD AEROSPACE FASTENERS DIV
60516	WEST COAST AEROSPACE INC 812 MIRAFLORES STREET SAN PEDRO, CALIFORNIA 90731-1439
62554	SIMMONDS MECAERO FASTENERS INC 1734 SEQUOIA AVENUE ORANGE, CALIFORNIA 92668
65196	CABLEWARE TECHNOLOGY INC 900 INDUSTRIAL BLVD. PO BOX 7515 NAPLES, FLORIDA 33941

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1004

Jul 01/2006



## COMPONENT MAINTENANCE MANUAL

Code	Name
72962	HARVARD INDUSTRIES INC 3 WERNER WAY SUITE 210 LEBANON, NEW JERSEY 08833 FORMERLY ESNA V7A079 FORMERLY ELASTIC STOP NUT IN UNION, NJ
73197	HI-SHEAR TECHNOLOGY CORP 2600 SKYPARK DRIVE TORRANCE, CALIFORNIA 90509
76691	NATIONAL TELEPHONE SUPPLY COMPANY 5100 SUPERIOR AVENUE CLEVELAND, OHIO 44103-1240
78189	ILLINOIS TOOL WORKS INC SHAKEPROOF DIVN ST CHARLES ROAD ELGIN, ILLINOIS 60120 FORMERLY SHAKEPROOF DIVN OF ILLINOIS TOOL WORKS B0025 FORMERLY SHAKEPROOF LOCK WASHER CO V77900
80523	BABCOCK ACCO INC ACCO CONTROLS GROUP SUB OF BABCOCK INTL 1014 ERIE STREET PO BOX 608 ADRIAN, MICHIGAN 49221-0608 FORMERLY CABLE CONTROLS DIV OF AMERICAN CHAIN AND CABLE FORMERLY ACCO IND INC CABLE CONTROLS DIV
80539	SPS TECHNOLOGIES INC DIV AERPSPACE - SANTA ANA 2701 SOUTH HARBOR BOULEVARD SANTA ANA, CALIFORNIA 92704-5803 FORMERLY NUTT-SHEL DIV OF SPC WESTERN CO V80539 AND STANDARD PRESSED STEEL WESTERN DIV V17279
81205	BOEING CO THE 7755 EAST MARGINAL WAY PO BOX 3707 SEATTLE, WASHINGTON 98124
83014	HARTWELL CORPORATION 900 SOUTH RICHFIELD ROAD PLACENTIA, CALIFORNIA 92670-6732 FORMERLY V0532B IN LOS ANGELES, CALIFORNIA

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1005

Jul 01/2006

**COMPONENT MAINTENANCE MANUAL**

<b>Code</b>	<b>Name</b>
92215	FAIRCHILD IND INC FAIRCHILD AEROSPACE FASTENER DIV 3010 W LOMITA BLVD TORRANCE, CALIFORNIA 90505-5102 FORMERLY VOI-SHAN IN CULVER CITY, CALIF
97928	Replaced: [V97928] SEE V17446 HUCK INTL by Code: Name and Address below 17446: HUCK INTL INC AEROSPACE FASTENER DIV 900 WATSON CENTER ROAD CARSON, CALIFORNIA 90745-4201 FORMERLY V32134 REXNORD INC; FORMERLY V97928 HUCK INTL
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

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1006

Jul 01/2006



## COMPONENT MAINTENANCE MANUAL

### NUMERICAL INDEX

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
102F171-3		1	225	1
		1	260	1
		1	310	2
		1	590	4
		1	645	6
		1	675	4
		1	676	4
		1	677	4
		2	205	1
		2	245	1
		2	295	2
		2	560	4
		2	660	6
		2	680	6
		2	710	4
		2	730	4
		3	250	1
		3	290	1
		3	345	2
		3	615	4
3	745	6		
3	775	6		
3	815	4		
3	845	4		
102F9201-3		1	535	5
102F9209M3		1	530	1
148A6340-3		1	545	1
148A6340-5		1	520	1
148A6340-6		1	540	1
148A6345-1		1	550	1
148A6345-2		1	555	1
148A6345-3		2	500	1
		3	550	1
148A6350-12		1	1A	RF

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1007

Mar 01/2006





## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
148A6350-14		1	1C	RF
148A6350-16		1	1D	RF
148A6350-18		1	1E	RF
148A6350-20		1	1F	RF
148A6350-26		1	1G	RF
		2	1A	RF
148A6350-28		1	1H	RF
		2	1B	RF
148A6350-30		1	1J	RF
		2	1C	RF
148A6350-32		1	1M	RF
		2	1F	RF
148A6350-34		1	1K	RF
		2	1D	RF
148A6350-36		1	1L	RF
		2	1E	RF
148A6350-38		1	1N	RF
		2	1G	RF
148A6350-4		1	1B	RF
148A6350-40		1	1P	RF
		2	1H	RF
148A6350-42		1	1Q	RF
		2	1J	RF
148A6350-46		1	1R	RF
		2	1K	RF
148A6350-48		1	1S	RF
		2	1L	RF
148A6350-50		1	1T	RF
		2	1M	RF
148A6350-52		1	1U	RF
		3	1A	RF
148A6350-54		1	1V	RF
		3	1B	RF
148A6350-56		1	1W	RF
		3	1C	RF

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1008

Mar 01/2006



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
148A6350-58		1	1X	RF
		3	1D	RF
148A6350-60		1	1Y	RF
		3	1E	RF
148A6350-61		1	1Z	RF
		3	1F	RF
148A6350-62		1	2	RF
		3	1G	RF
148A6350-63		1	2A	RF
		3	1H	RF
148A6350-64		1	2B	RF
		3	1J	RF
148A6352-1		1	50	1
148A6352-10		2	105A	1
		3	140	1
148A6352-2		1	55	1
		2	40A	1
148A6352-3		1	135	1
		2	120	1
		3	160	1
148A6352-4		1	140	1
		2	122	1
		3	155	1
148A6352-5		1	85	1
		2	72	1
		3	90	1
148A6352-6		2	45	1
148A6352-7		2	40B	1
		3	60	1
148A6352-8		2	45A	1
		3	65	1
148A6352-9		2	90A	1
		3	125	1
148A6353-110		1	655	1
148A6353-111		1	650	1

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1009

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
148A6353-112		1	635	1
148A6353-123		1	655A	1
148A6353-124		1	680A	1
148A6353-125		1	635A	1
148A6353-126		1	650A	1
148A6353-58		1	680	1
148A6353-86		2	670	1
		3	765	1
148A6353-87		2	685	1
		3	780	1
148A6353-88		2	650	1
		3	735	1
148A6353-89		2	665	1
		3	750	1
148A6354-100		1	30	1
148A6354-133		1	665	1
148A6354-138		1	685	1
148A6354-139		1	660	1
148A6354-145		1	665A	1
		2	720	1
		3	835	1
148A6354-146		1	690A	1
		2	735	1
		3	850	1
148A6354-147		1	660A	1
		2	690	1
148A6354-148		1	685A	1
		2	715	1
148A6354-153		1	27	1
		2	20	1
		3	30	1
148A6354-154		1	32	1
		2	25	1
		3	35	1
148A6354-160		2	520	1

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1010

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		3	575	1
148A6354-161		2	515	1
		3	570	1
148A6354-163		3	20	2
148A6354-167		2	270A	1
		3	315	1
148A6354-168		2	275A	1
		3	320	1
148A6354-169		3	795	1
148A6354-170		3	820	1
148A6354-77		1	285	1
		2	270	1
148A6354-78		1	290	1
		2	275	1
148A6354-96		1	690	1
148A6354-99		1	25	1
148A6355-117		1	330	1
		2	315	1
		3	365	1
148A6355-118		1	335	1
		2	320	1
		3	370	1
148A6355-120		1	340	1
148A6355-122		1	165	2
		1	168	1
		2	150	1
		3	190	1
148A6355-125		1	475	1
148A6355-126		1	480	1
148A6355-127		1	405	1
148A6355-128		1	410	1
148A6355-129		1	415	1
148A6355-130		1	235	1
		2	215	1
		3	260	1

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1011

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
148A6355-132		1	270	1
		2	255	1
		3	295	1
148A6355-133		1	265	1
		2	250	1
		3	300	1
148A6355-135		1	620	1
148A6355-136		1	615	1
		2	630	1
		3	710	1
148A6355-137		1	625	1
148A6355-140		1	370	1
		2	355	1
		3	405	1
148A6355-141		1	375	1
		2	360	1
		3	410	1
148A6355-142		1	380	1
148A6355-144		1	250	4
		2	235	4
		3	275	4
148A6355-145		1	245	6
		2	230	6
		3	280	6
148A6355-146		1	210	1
		2	190	1
		3	235	1
148A6355-147		1	215	1
		2	195	1
		3	240	1
148A6355-148		1	300	1
		2	285	1
		3	335	1
148A6355-149		1	325	1
		2	310	1

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1012

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
148A6355-150		1	365	1
		2	350	1
		3	400	1
148A6355-151		1	345	1
		2	330	1
		3	380	1
148A6355-152		1	385	1
		2	370	1
		3	420	1
148A6355-154		1	630	1
		2	645	1
		3	725	1
148A6355-156		1	470	1
148A6355-159		1	610A	1
148A6355-164		1	166	2
		2	140	2
		3	180	2
148A6355-166		1	475A	1
		2	460	1
		3	510	1
148A6355-167		1	480A	1
		2	465	1
		3	515	1
148A6355-168		1	405A	1
		2	390	1
148A6355-169		1	410A	1
		2	395	1
148A6355-170		1	415A	1
		2	400	1
148A6355-171		1	620A	1
		2	635	1
		3	715	1
148A6355-172		1	625A	1
		2	640	1
		3	720	1

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1013

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
148A6355-173		1	470A	1
		2	455	1
		3	505	1
148A6355-174		1	340A	1
		2	325	1
		3	375	1
148A6355-175		1	380A	1
		2	365	1
		3	415	1
148A6355-179		2	525	1
		3	580A	1
148A6355-191		2	605	1
		3	685	1
148A6355-192		2	610	1
		3	690	1
148A6355-194		2	312	1
		3	360	1
148A6355-198		2	180A	2
		3	225	2
148A6355-200		3	440	1
148A6355-201		3	445	1
148A6355-202		3	450	1
148A6355-64		1	610	1
148A6355-69		1	230	1
		2	210	1
		3	255	1
148A6355-98		1	315	1
		2	300	1
		3	350	1
148A6356-20		2	612	1
		3	670	1
148A6395-1		1	580	1
148A6395-11		1	595	1
148A6395-13		2	550	1
		3	605	1

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1014

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
148A6395-14		2	565	1
		3	620	1
16H40198-12		1	695B	1
16H40198-18		2	740	1
28-1C		1	115	1
		2	100	1
306-10-0030		1	495	1
		2	495	1
		3	545	1
306-8-0030		1	500	1
3502-18-04-4102		1	45	2
354A4070-1		2	590A	1
354A4070-2		2	590	1
		3	645	1
		3	645A	1
63-2892-2		1	100	1
		2	85	1
		3	120	1
65-26230-6		1	105	1
		2	90	1
66-23351-3		1	80	1
		2	70	1
		3	95	1
66-8350		1	200	2
		2	180	2
69-20293-1		1	130	1
		2	115	1
		3	150	1
69-36658-2		1	440	6
		2	425	6
		3	480	6
8-04056-2		2	110	1
		3	145	1
8-04057-4		1	115A	1
		2	100A	1

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1015

Mar 01/2009





## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
BA3-2		1	125	1
		2	110	1
		3	145	1
BACB28B5-335		1	145	2
BACB28B5-335P		1	167	1
		2	145	1
		3	185	1
BACB30LK3-11		2	470	2
		3	520	2
BACB30NM3K29		1	420	3
		2	405	3
		3	455	3
BACB30NM4K13		1	5	4
		2	5	4
BACB30NM4K16		3	5	4
BACB30NN3K4		1	505	16
BACB30NT3K13		1	170A	1
		2	155	1
		3	195	1
BACB30NT3K9		1	175A	1
		2	160	1
		3	200	1
BACB30NX5K4		3	630A	10
		3	635A	2
BACB30NX5K5		3	625A	2
BACB30NX5K6		3	660	2
BACB30NY5K4		2	575	10
		3	630	10
BACB30NY5K5		2	580	2
		3	635	2
BACB30NY5K6		2	570	2
		3	625	2
BACB30VT5K12		1	90	4
		2	75	4
		3	100	4

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1016

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		3	110	4
BACB30VT5K2		2	535	3
		3	590	3
BACB30VT5K4		1	565	3
		3	590A	3
BACB30VT6K2		2	530	3
		3	566	2
		3	585	3
BACB30VT6K4		1	395	6
		1	560	3
		2	380	6
		3	430	6
		3	585A	3
BACB30VT6K5		1	390	12
		1	450	18
		2	375	12
		2	435	18
		3	425	12
		3	485	18
BACC10JB018C026		1	490	2
BACC10JB022C030		1	485	2
		2	490	2
		3	540	2
BACC13G208-065CA		1	120	1
		2	105	1
BACC30BH5		2	585	14
		3	640	14
BACC30BH6		3	665	2
BACC30BL5		1	95	4
		1	575	3
		2	80	4
		2	545	3
		3	105	4
		3	115	4
		3	600	3

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1017

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY		
BACC30BL6		1	400	18		
		1	465	18		
		1	570	3		
		2	385	18		
		2	450	18		
		2	540	3		
		3	435	18		
		3	490	18		
		3	568	2		
		3	595	3		
		BACF3F007T022NN		1	674	4
				2	700	4
				3	805	4
BACN10JB3CD		1	225	1		
		1	260	1		
		1	310	2		
		1	590	4		
		1	645	6		
		1	675	4		
		1	676	4		
		1	677	4		
		2	205	1		
		2	245	1		
		2	295	2		
		2	560	4		
		2	660	6		
		2	680	6		
		2	710	4		
		2	730	4		
		3	250	1		
3	290	1				
3	345	2				
3	615	4				
3	745	6				
3	775	6				

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1018

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		3	815	4
		3	845	4
BACN10JD4CD		1	75	1
		2	65	1
		3	85	1
BACN10JR3CFD		1	535	5
BACN10KF3CD		1	355	2
		2	340	2
		2	342	2
		3	390	2
BACN10KF4CD		1	360	2
		2	345	2
		3	395	2
BACN10KH3CD		1	530	1
BACN10YR3CD		1	160	8
		1	435	3
		1	515	10
		2	135	8
		2	420	3
		3	175	8
		3	465	3
BACN10YR4CD		1	20	4
		1	35	2
		2	15	4
		2	30	2
		3	25	4
		3	40	2
BACN10YT3CD		2	480	2
		3	530	2
BACP18BC02A06P		1	60	1
		2	50	1
		3	70	1
BACR15BA3AD		1	220	2
		1	255	2
		1	305	4

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1019

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		1	350	4
		1	525	12
		1	585	8
		1	640	12
		1	670	8
		1	671	8
		1	672	8
		2	200	2
		2	240	2
		2	290	4
		2	335	4
		2	337	4
		2	655	12
		2	675	12
		2	705	8
		2	725	8
		3	245	2
		3	285	2
		3	340	4
		3	385	4
		3	740	12
		3	770	12
		3	840	8
BACR15BA5ADC		3	810	8
BACR15FT5D		1	241	4
		2	225	4
		2	505	16
		2	600	2
		3	270	8
		3	555	16
		3	655	12
		3	680	2
BACR15FT6D		1	205	6
		1	240	16
		1	275	18

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1020

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		1	295	4
		1	320	10
		1	460	12
		1	600	93
		2	185	6
		2	220	16
		2	260	18
		2	280	4
		2	305	10
		2	445	12
		2	510	4
		2	615	80
		3	230	6
		3	265	12
		3	305	12
		3	330	4
		3	355	10
		3	500	12
		3	560	2
		3	565	2
		3	695	18
		3	733	15
		3	763	8
		3	790	19
		3	830	14
BACR15GF5		1	673	8
BACR15GF5D		1	280	21
		1	425	12
		1	605	346
		2	265	21
		2	410	12
		2	595	2
		2	625	308
		2	695	8
		3	475	12

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1021

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		3	650	2
		3	675	2
		3	730	78
		3	755	53
		3	760	2
		3	785	88
		3	825	87
BACR15GF6D		1	455	12
		2	440	12
		2	620	6
		3	310	6
		3	495	12
		3	700	5
		3	705	1
		3	800	8
BACS12GU3K9		1	150	8
		2	125	8
		3	165	8
BACS18K10-17W		1	185	1
BACS18K10-27W		1	180	1
BACS18K10-28W		1	181A	1
		2	165	1
		3	220	1
BACS18K10-44W		1	186A	1
		2	170	1
		3	215	1
BACT14A4		1	115A	1
		2	100A	1
BACT14B2		1	125	1
		2	110	1
		3	145	1
BACW10BP3NDP		1	430	AR
		2	415	AR
		3	460	15
BACW10BP4CD		1	10	4

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1022

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
BACW10BP4NDP		1	15	4
BCREF0078		1	120	1
		2	105	1
BM2487-2		1	125	1
		1	125	1
		2	110	1
		3	145	1
BM2488A4		1	115A	1
		2	100A	1
BR3000C3D		1	355	2
		2	340	2
		2	342	2
		3	390	2
BR3000C4D		1	360	2
		2	345	2
		3	395	2
BRF200C3D		1	535	5
BRF210C3D		1	225	1
		1	260	1
		1	310	2
		1	590	4
		1	645	6
		1	675	4
		1	676	4
		1	677	4
		2	205	1
		2	245	1
		2	295	2
		2	560	4
		2	660	6
		2	680	6
		2	710	4
	2	730	4	
	3	250	1	
	3	290	1	

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1023

Mar 01/2009





## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
BRF2703D		3	345	2
		3	615	4
		3	745	6
		3	775	6
		3	815	4
		3	845	4
		1	225	1
		1	260	1
		1	310	2
		1	590	4
		1	645	6
		1	675	4
		1	676	4
		1	677	4
		2	205	1
		2	245	1
		2	295	2
		2	560	4
		2	660	6
		2	680	6
		2	710	4
		2	730	4
		3	250	1
		3	290	1
		3	345	2
		3	615	4
	3	745	6	
	3	775	6	
	3	815	4	
	3	845	4	
FS1651-3		1	530	1
H52732-3CD		1	160	8
		1	435	3
		1	515	10
		2	135	8

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1024

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
H52732-4CD		2	420	3
		3	175	8
		3	465	3
		1	20	4
		1	35	2
		2	15	4
		2	30	2
		3	25	4
		3	40	2
	H888-1		1	445
		2	430	3
		3	470	3
HI2099		1	115A	1
		2	100A	1
HI2487-2		1	125	1
		2	110	1
		3	145	1
HL1012AZ5-6		3	660	2
		3	660	2
		3	660	2
		3	660	2
		3	660	2
		3	660	2
		3	660	2
		3	660	2
		3	660	2
		3	660	2
HL1087-5		2	585	14
		2	585	14
		2	585	14
		3	640	14
		3	640	14
		3	640	14
HL1087-6		3	665	2
		3	665	2
		3	665	2
		3	665	2

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1025

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL12VAZ5-6		3	660	2
		3	660	2
		3	660	2
		3	660	2
HL13V4		2	575	10
HL13V5		2	580	2
HL13V6		2	570	2
HL13VAZ5-2		3	625	2
		3	625	2
		3	625	2
		3	625	2
		3	625	2
		3	625	2
HL13VAZ5-4		2	575	10
		2	575	10
		2	575	10
		2	575	10
		2	575	10
		2	575	10
		2	575	10
		3	630	10
		3	630	10
		3	630	10
		3	630	10
		3	630	10
		3	630	10
		3	630	10
HL13VAZ5-5		2	580	2
		2	580	2
		2	580	2
		2	580	2
		2	580	2
		2	580	2
		2	580	2
		3	635	2
		3	635	2
		3	635	2

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1026

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HL13VAZ5-6		3	635	2
		3	635	2
		2	570	2
		2	570	2
		2	570	2
		2	570	2
		2	570	2
		2	570	2
HST10AG5-12		1	90	4
		1	90	4
		1	90	4
		1	90	4
		2	75	4
		2	75	4
		2	75	4
		2	75	4
		3	100	4
		3	100	4
		3	100	4
		3	100	4
		3	110	4
		3	110	4
	3	110	4	
HST10AG5-2		2	535	3
		2	535	3
		2	535	3
		2	535	3
		3	590	3
		3	590	3
		3	590	3
HST10AG5-4		1	565	3
		1	565	3
		1	565	3

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1027

Mar 01/2009



COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HST10AG6-2		1	565	3
		3	590A	3
		3	590A	3
		3	590A	3
		3	590A	3
		2	530	3
		2	530	3
		2	530	3
		2	530	3
		3	566	2
		3	566	2
		3	566	2
		3	566	2
		3	585	3
		3	585	3
HST10AG6-4		3	585	3
		3	585	3
		1	395	6
		1	395	6
		1	395	6
		1	395	6
		1	560	3
		1	560	3
		1	560	3
		1	560	3
		2	380	6
		2	380	6
		2	380	6
		2	380	6
		3	430	6
	3	430	6	
	3	430	6	
	3	430	6	
	3	585A	3	
	3	585A	3	

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1028

Mar 01/2009



COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY	
HST10AG6-5		3	585A	3	
		3	585A	3	
		1	390	12	
		1	390	12	
		1	390	12	
		1	390	12	
		1	450	18	
		1	450	18	
		1	450	18	
		1	450	18	
		2	375	12	
		2	375	12	
		2	375	12	
		2	375	12	
		2	435	18	
		2	435	18	
		2	435	18	
		2	435	18	
	HST79-5		3	425	12
			3	425	12
		3	425	12	
		3	425	12	
		3	485	18	
		3	485	18	
		3	485	18	
		3	485	18	
		1	95	4	
		1	95	4	
		1	95	4	
		1	575	3	
		1	575	3	
	1	575	3		
	2	80	4		
	2	545	3		
	3	105	4		

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1029

Mar 01/2009



COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HST79-6		3	115	4
		3	600	3
		1	400	18
		1	400	18
		1	400	18
		1	465	18
		1	465	18
		1	465	18
		1	570	3
		1	570	3
		1	570	3
		2	385	18
		2	450	18
		2	540	3
		3	435	18
		3	490	18
		3	568	2
	HST79CY5		3	595
		1	95	4
		1	575	3
		2	80	4
		2	80	4
		2	80	4
		2	545	3
		2	545	3
		2	545	3
		3	105	4
		3	105	4
		3	105	4
		3	115	4
		3	115	4
		3	115	4
	3	600	3	
	3	600	3	
	3	600	3	

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1030

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
HST79CY6		1	400	18
		1	465	18
		1	570	3
		2	385	18
		2	385	18
		2	385	18
		2	450	18
		2	450	18
		2	450	18
		2	540	3
		2	540	3
		2	540	3
		3	435	18
		3	435	18
		3	435	18
		3	490	18
		3	490	18
		3	490	18
		3	568	2
		3	568	2
		3	568	2
3	595	3		
3	595	3		
3	595	3		
HT100-4		1	115A	1
		2	100A	1
HT200-2		1	125	1
		2	110	1
		3	145	1
K51598-3BAC		1	355	2
		2	340	2
		2	342	2
		3	390	2
K51598-4BAC		1	360	2
		2	345	2

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1031

Mar 01/2009





## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		3	395	2
K51602-3BAC		1	535	5
KCS2035		3	130A	1
L801-5K2		3	625	2
		3	625	2
L801-5K4		2	575	10
		3	630	10
		3	630	10
L801-5K5		2	580	2
		3	635	2
		3	635	2
L801-5K6		2	570	2
L802-5K6		3	660	2
MS20427M3C		2	555	8
		3	610	8
MS21919WCJ10		2	485	2
		3	535	2
MS51844-62		2	100B	1
		3	135	1
NAS1149D0416J		1	70	2
		2	60	2
		3	80	2
NAS1149D0463J		3	15	2
NAS1149D0716J		1	40	2
		2	35	2
		3	45	1
		3	50A	1
NAS1149D0716P		3	50	1
NAS1149E0316J		3	205	1
NAS1149E0316P		1	155	8
		1	195	2
		2	130	8
		2	175	2
		3	170	8
		3	205A	1

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1032

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		3	210	1
NAS1149E0316R		1	510	10
NAS1149E0416P		1	10A	4
		1	15A	4
		2	10	8
		3	10	4
NAS43DD3-36FC		2	475	2
		3	525	2
NAS6704D7		1	65	1
		2	55	1
		3	75	1
NS202441-02		1	355	2
		2	340	2
		2	342	2
		3	390	2
NS202441-048		1	360	2
		2	345	2
		3	395	2
NS202476-02		1	535	5
NS202485-02		1	225	1
		1	260	1
		1	310	2
		1	590	4
		1	645	6
		1	675	4
		1	676	4
		1	677	4
		2	205	1
		2	245	1
		2	295	2
		2	560	4
		2	660	6
		2	680	6
		2	710	4
		2	730	4

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1033

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		3	250	1
		3	290	1
		3	345	2
		3	615	4
		3	745	6
		3	775	6
		3	815	4
		3	845	4
NS202496-02		1	530	1
NUMBER2		1	110A	1
		2	95	1
		3	130	1
PLH53CD		1	160	8
		1	435	3
		1	515	10
		2	135	8
		2	420	3
		3	175	8
		3	465	3
PLH54CD		1	20	4
		1	35	2
		2	15	4
		2	30	2
		3	25	4
		3	40	2
RA2487-2		1	125	1
		2	110	1
		3	145	1
S352A200-12		1	695B	1
S352A200-18		2	740	1
ST2099		1	115A	1
		2	100A	1
ST24-4		1	115A	1
		2	100A	1
T8092C1032CD		1	535	5

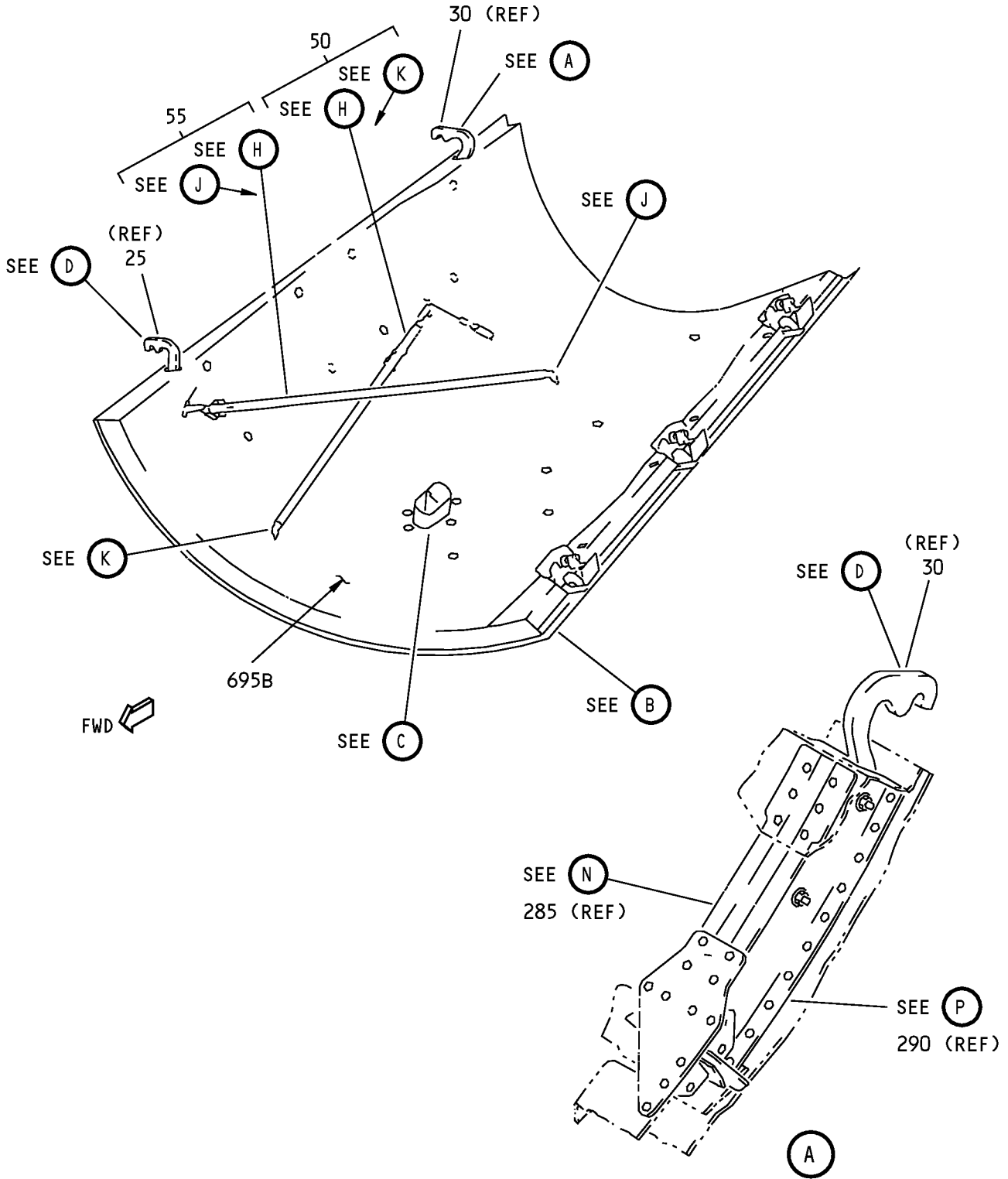
# 52-46-12

ILLUSTRATED PARTS LIST

Page 1034

Mar 01/2009

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 1 (Sheet 1 of 16)

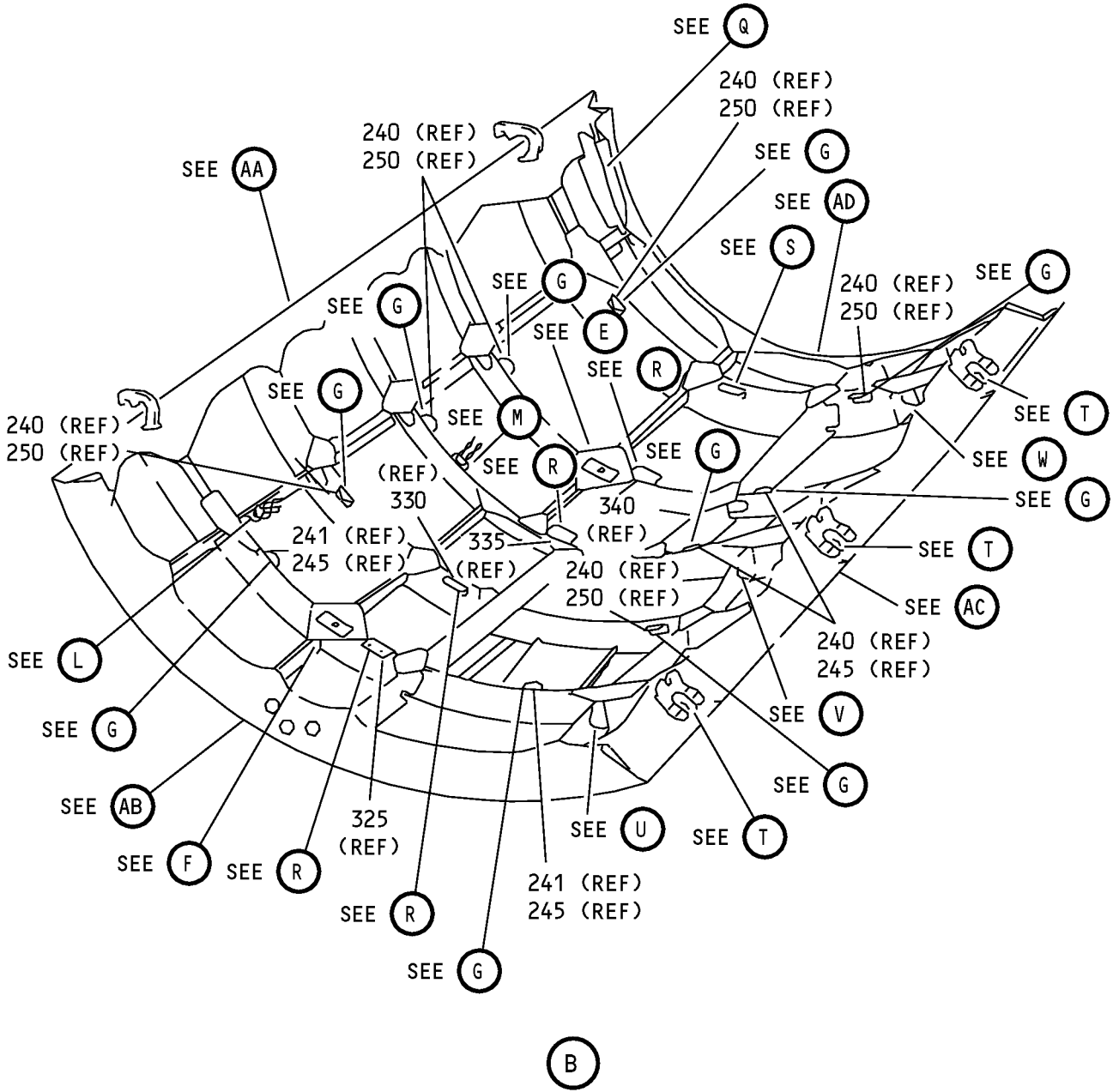
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1035

Mar 01/2009

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 1 (Sheet 2 of 16)

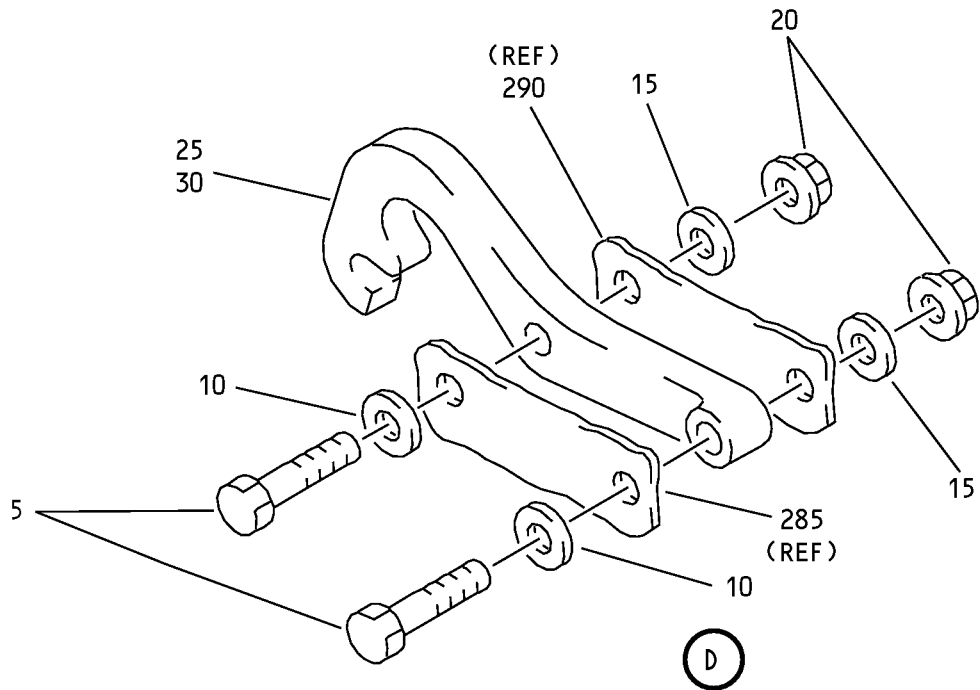
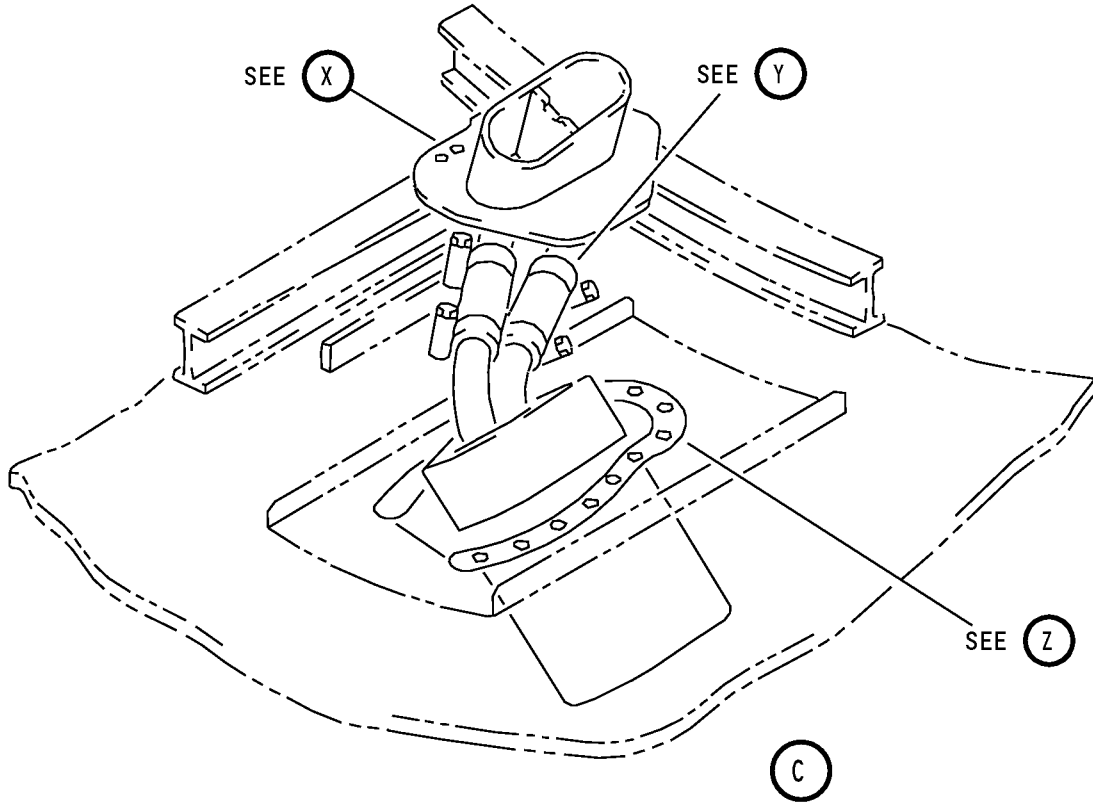
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1036

Nov 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 1 (Sheet 3 of 16)

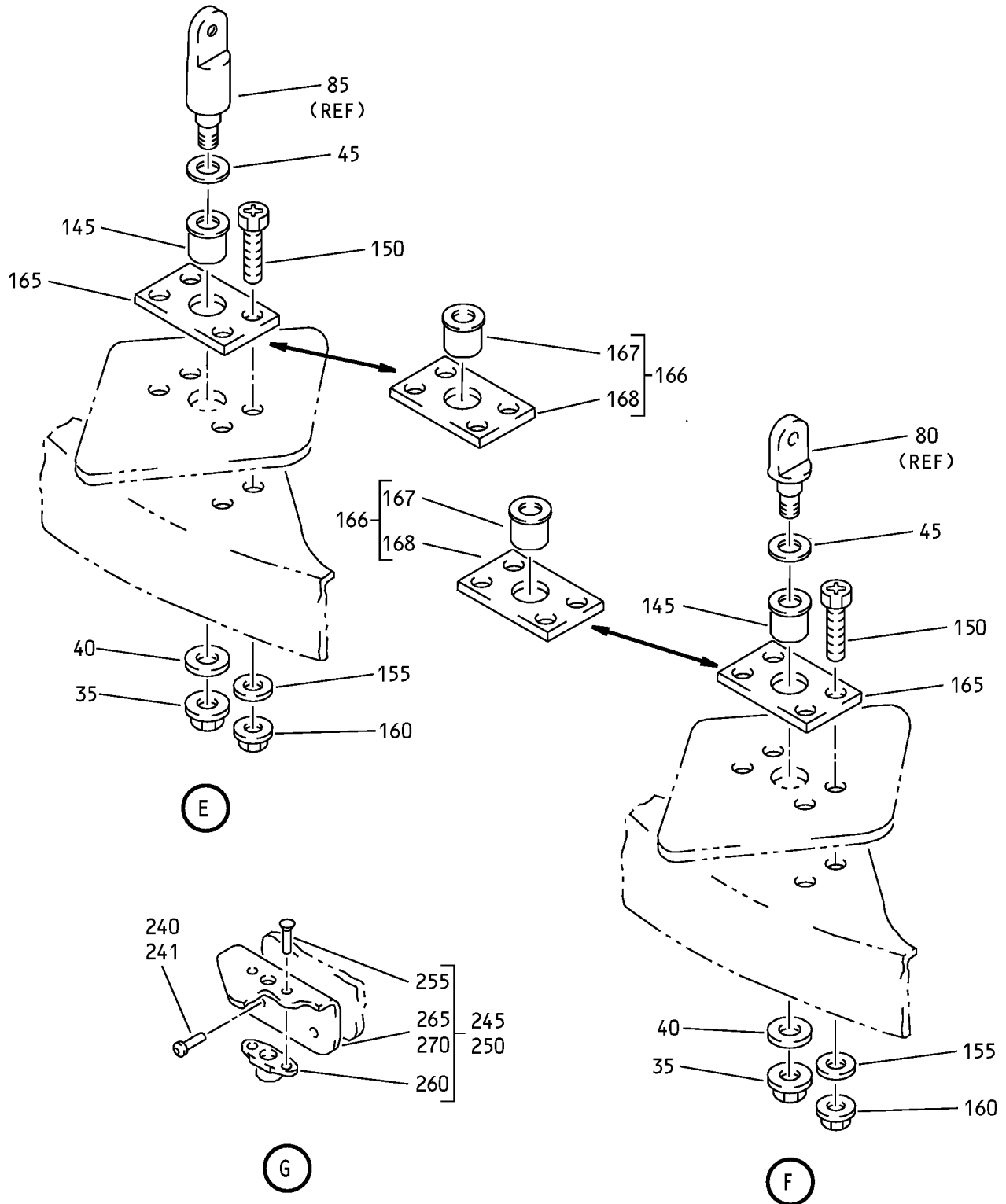
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1037

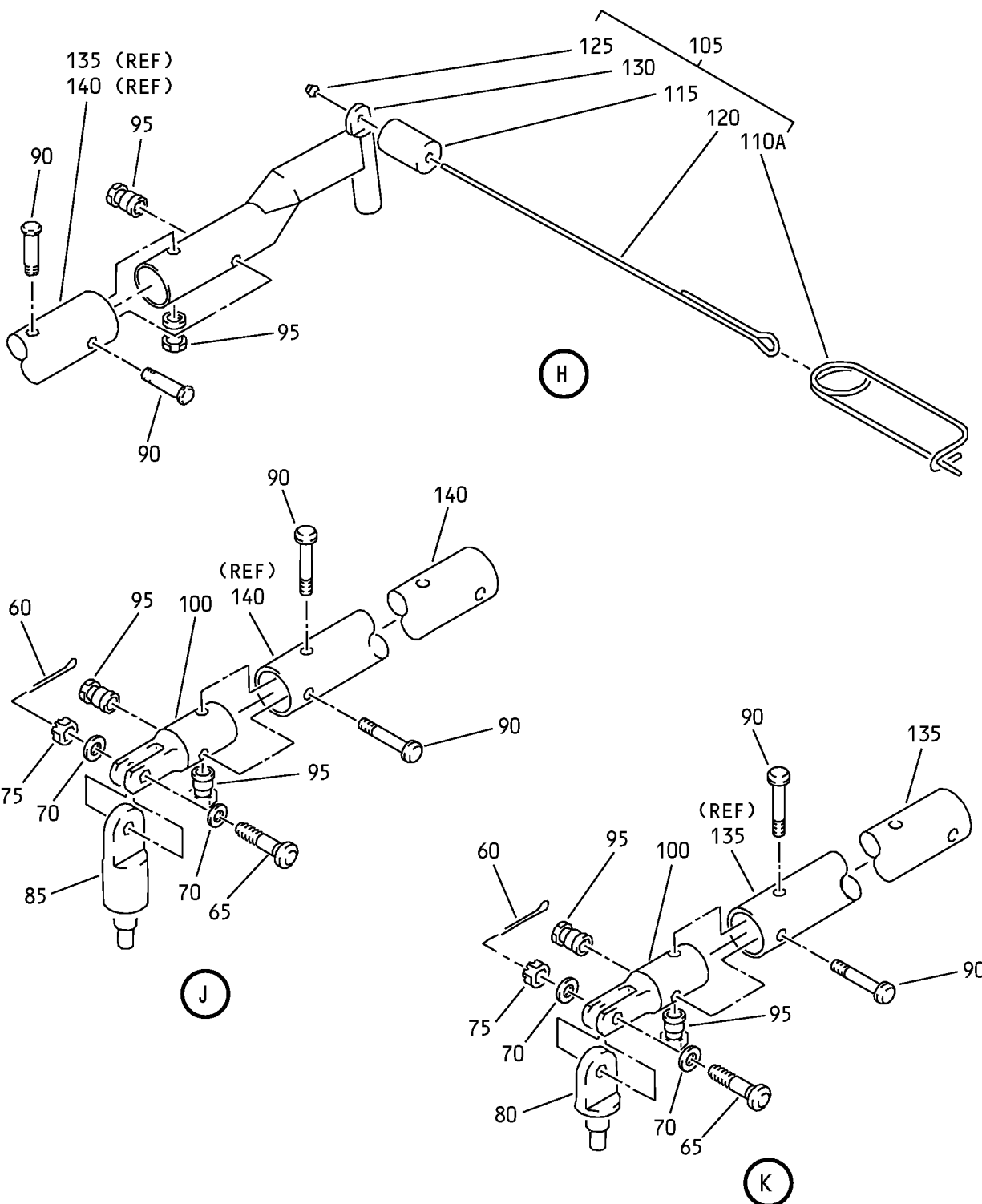
Nov 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 1 (Sheet 4 of 16)

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
 IPL Figure 1 (Sheet 5 of 16)

**52-46-12**

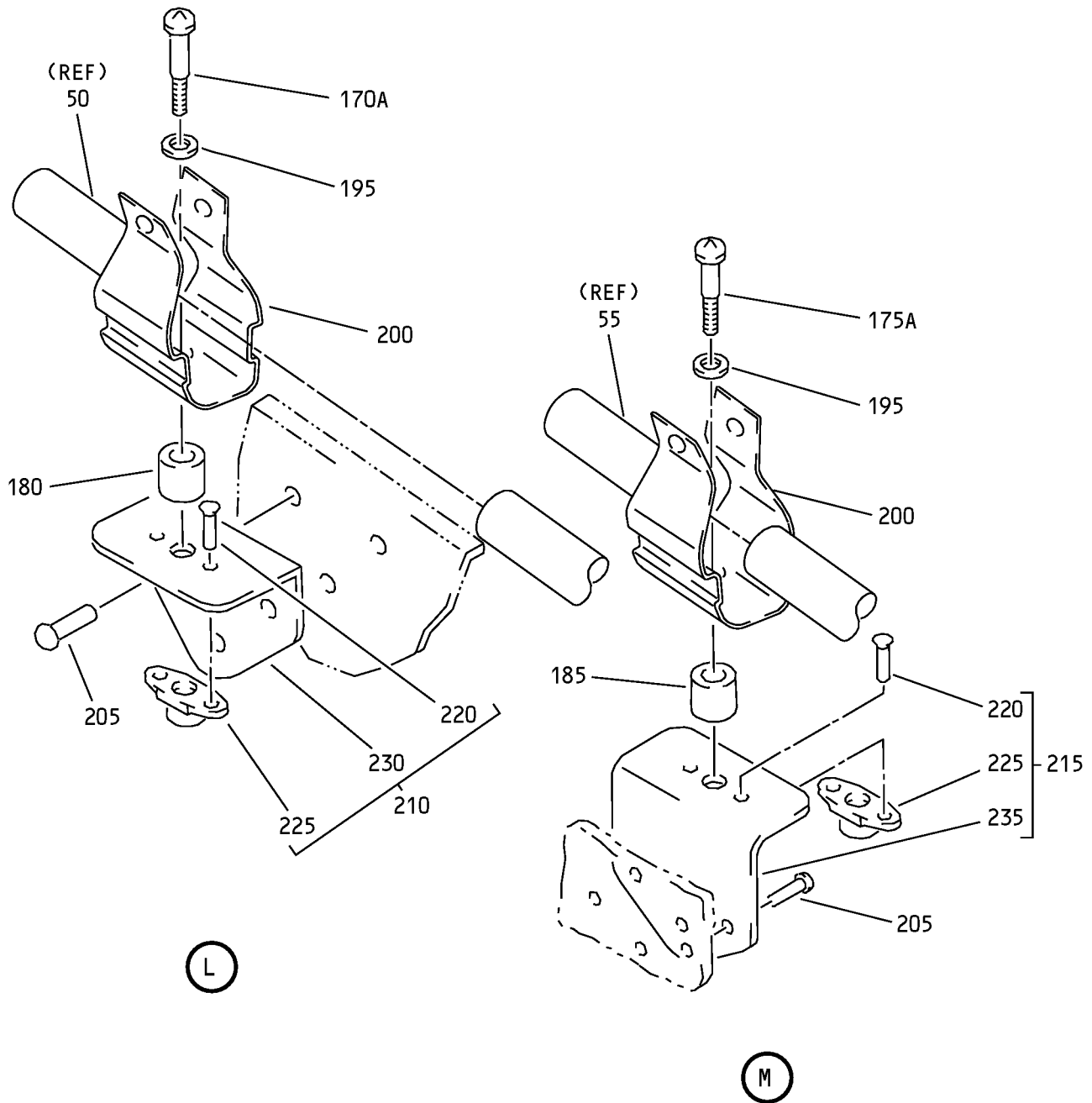
ILLUSTRATED PARTS LIST

Page 1039

Nov 01/2006



COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
 IPL Figure 1 (Sheet 6 of 16)

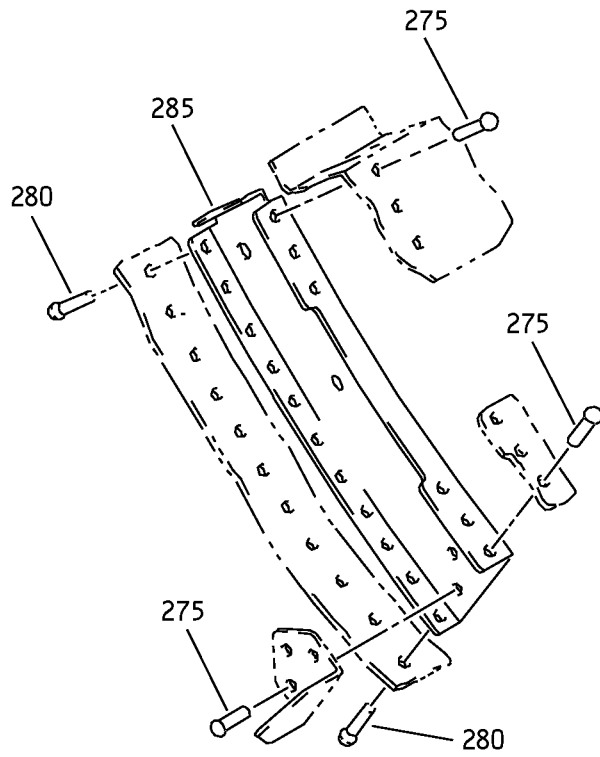
**52-46-12**

ILLUSTRATED PARTS LIST

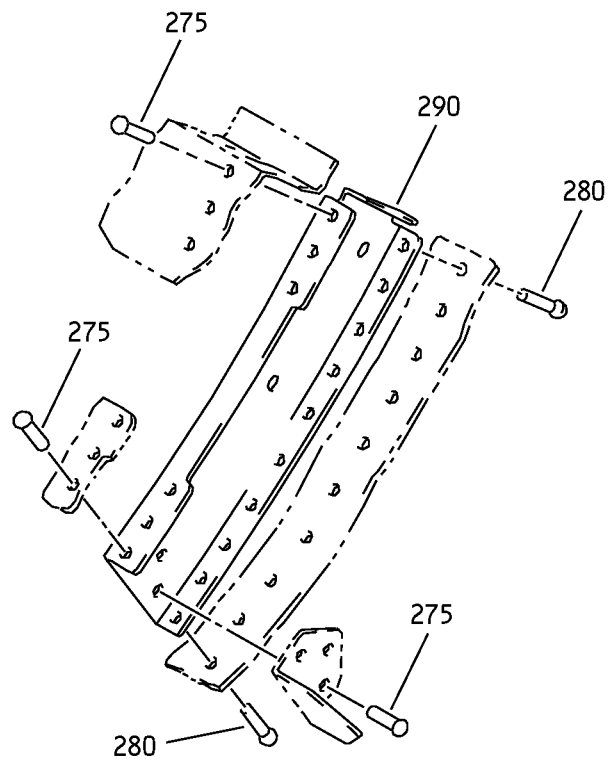
Page 1040

Nov 01/2006

COMPONENT MAINTENANCE MANUAL



N



P

Auxiliary Power Unit Door Assembly  
IPL Figure 1 (Sheet 7 of 16)

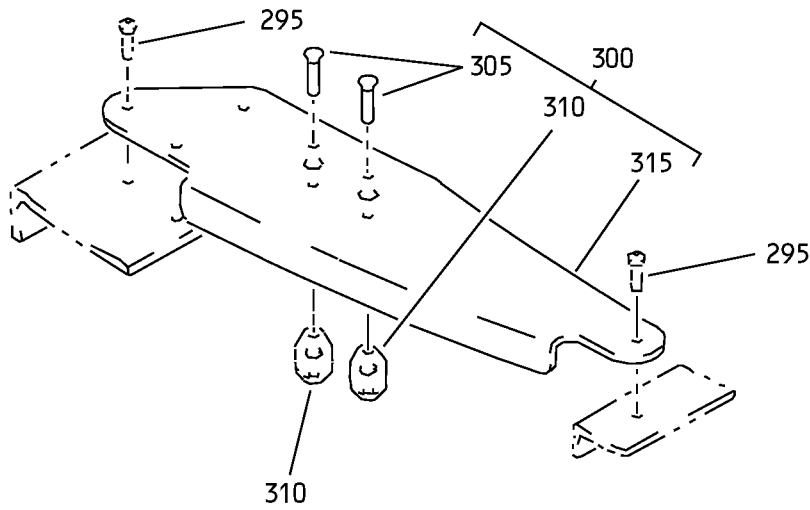
**52-46-12**

ILLUSTRATED PARTS LIST

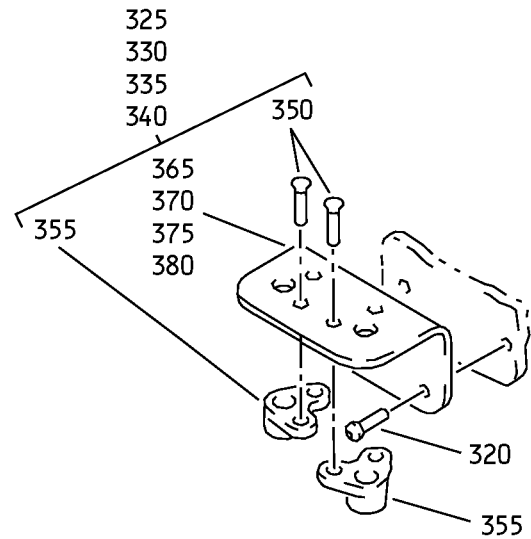
Page 1041

Nov 01/2006

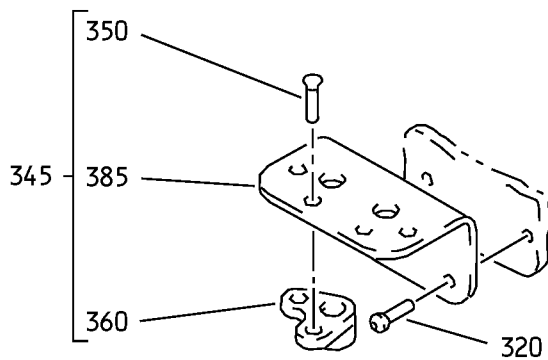
COMPONENT MAINTENANCE MANUAL



Q



R



S

Auxiliary Power Unit Door Assembly  
IPL Figure 1 (Sheet 8 of 16)

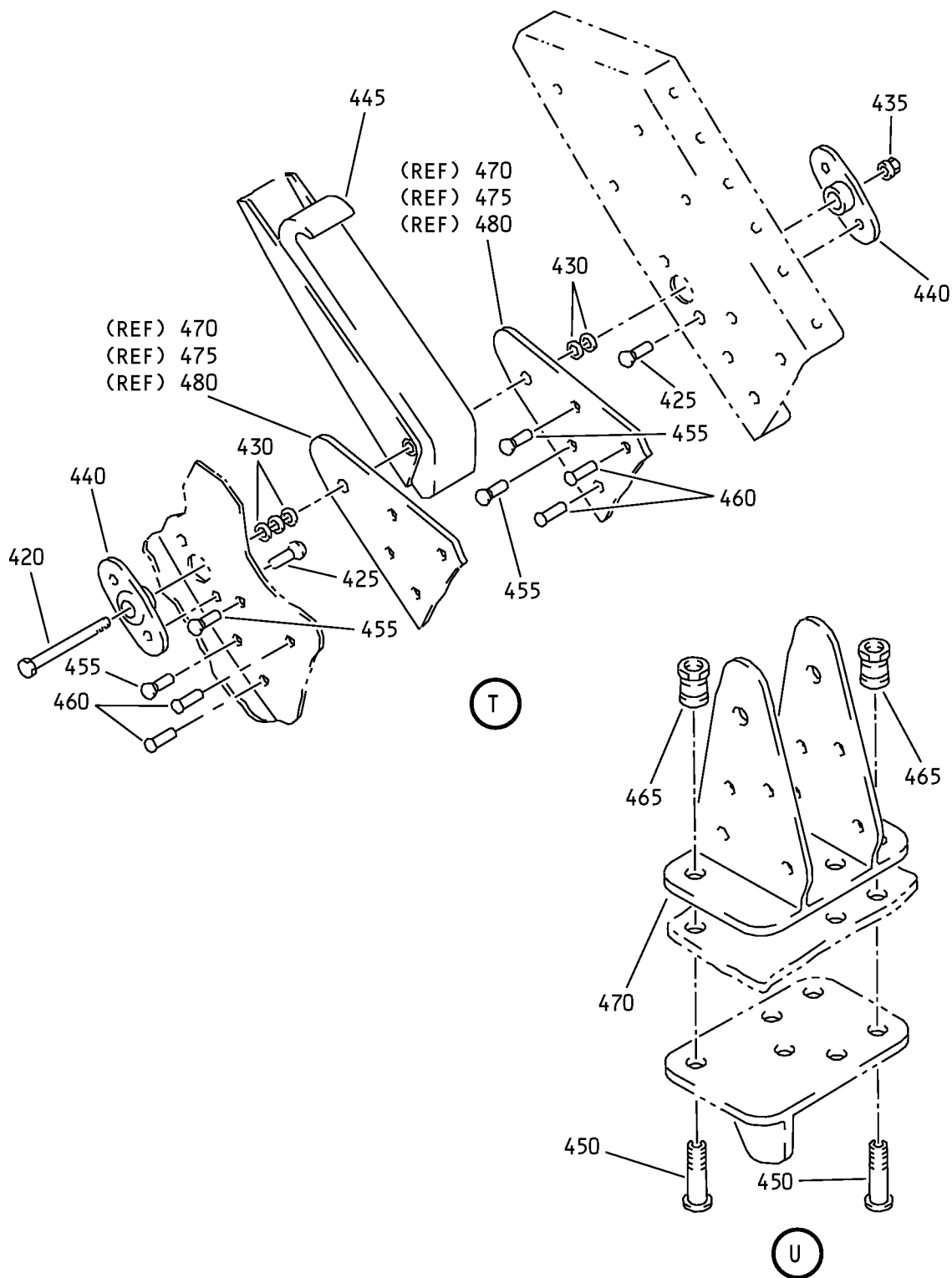
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1042

Nov 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 1 (Sheet 9 of 16)

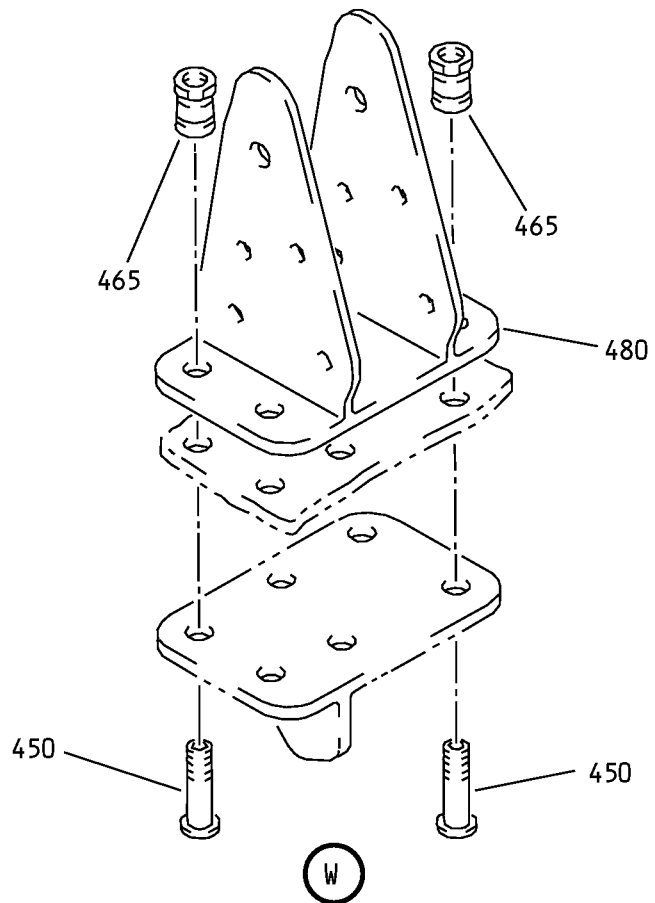
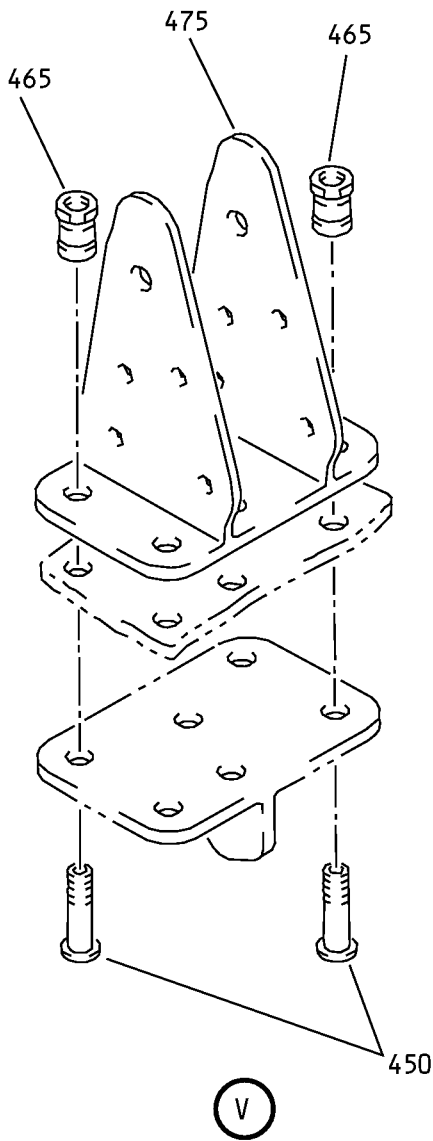
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1043

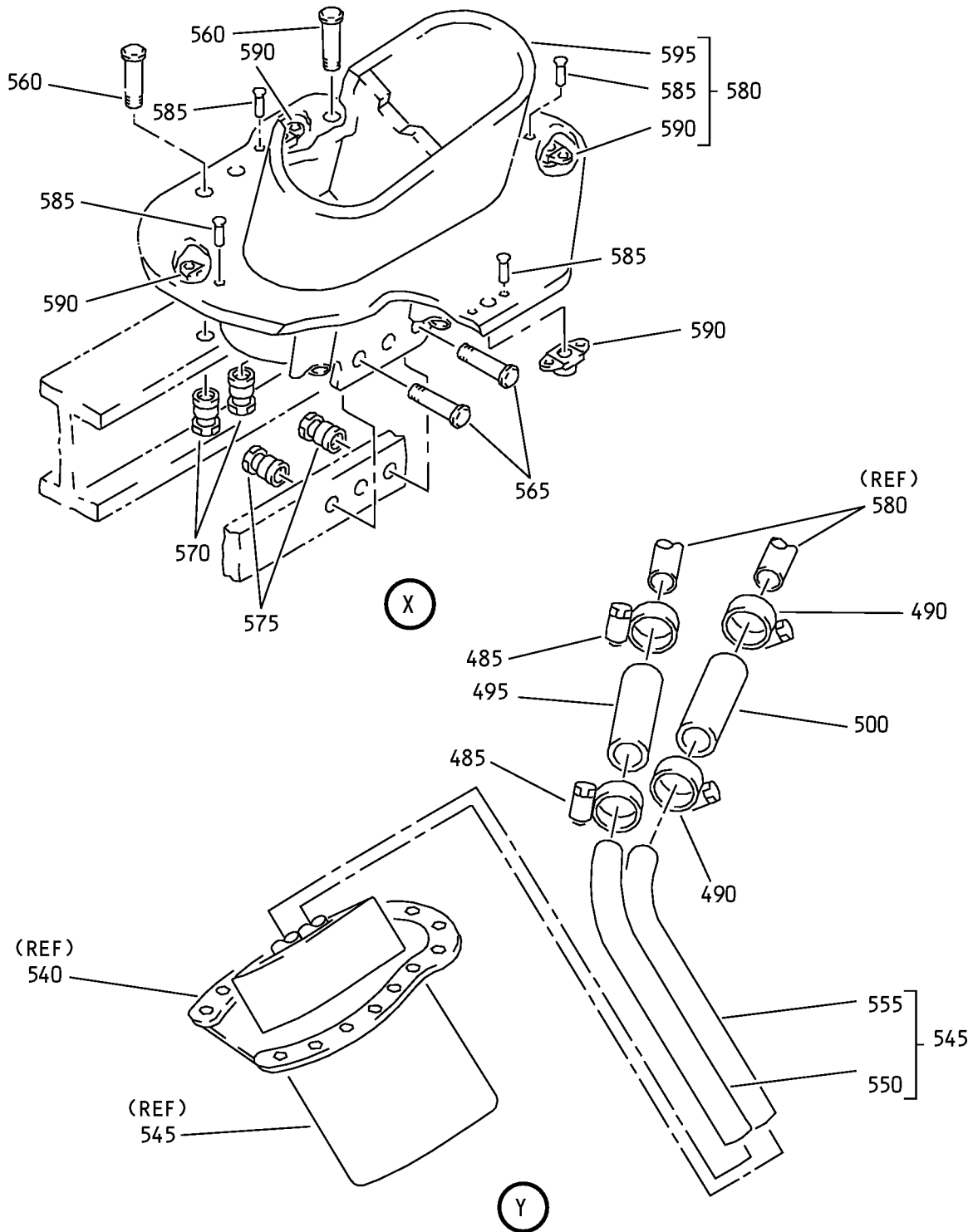
Nov 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 1 (Sheet 10 of 16)

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 1 (Sheet 11 of 16)

**52-46-12**

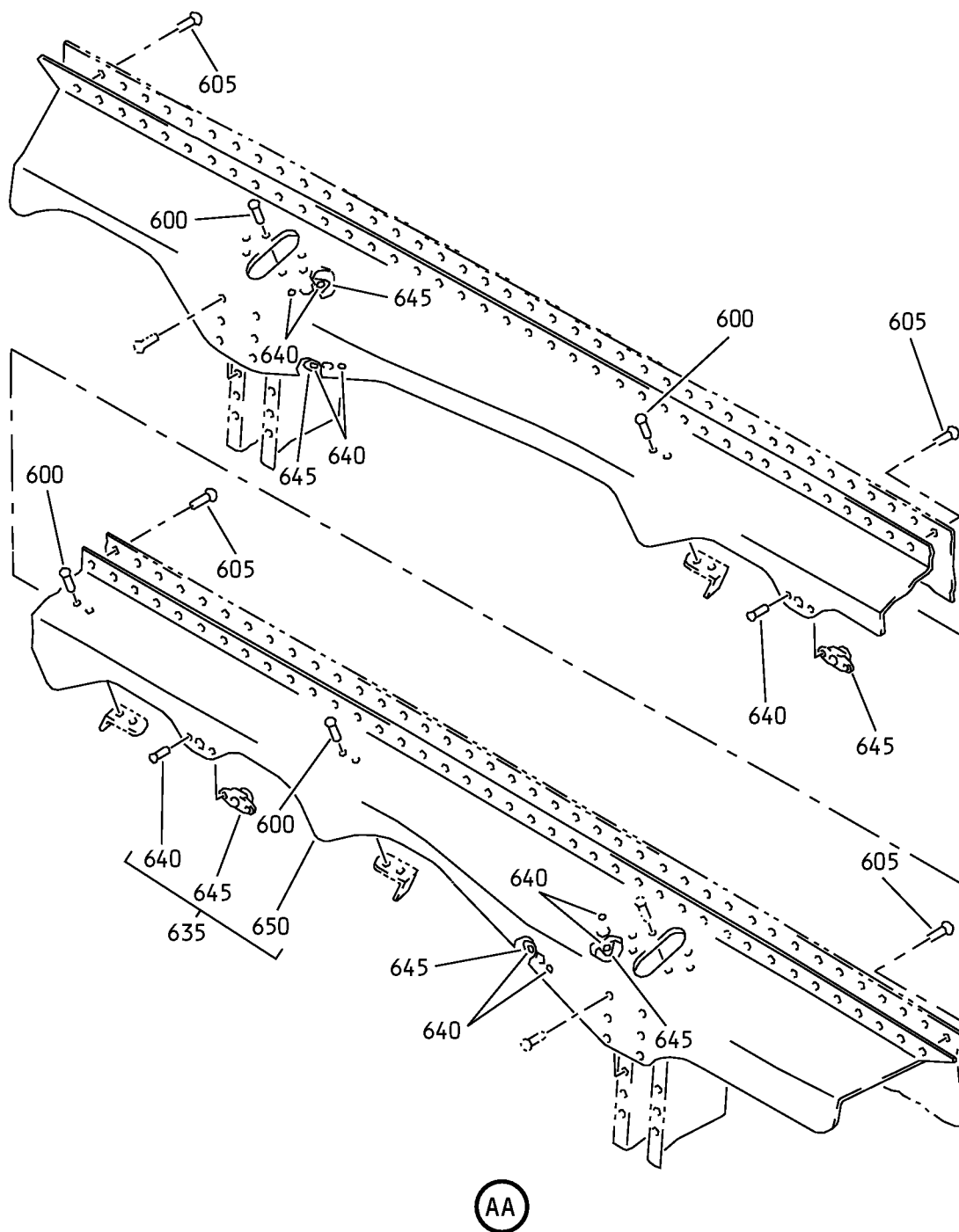
ILLUSTRATED PARTS LIST

Page 1045

Nov 01/2006



COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 1 (Sheet 13 of 16)

**52-46-12**

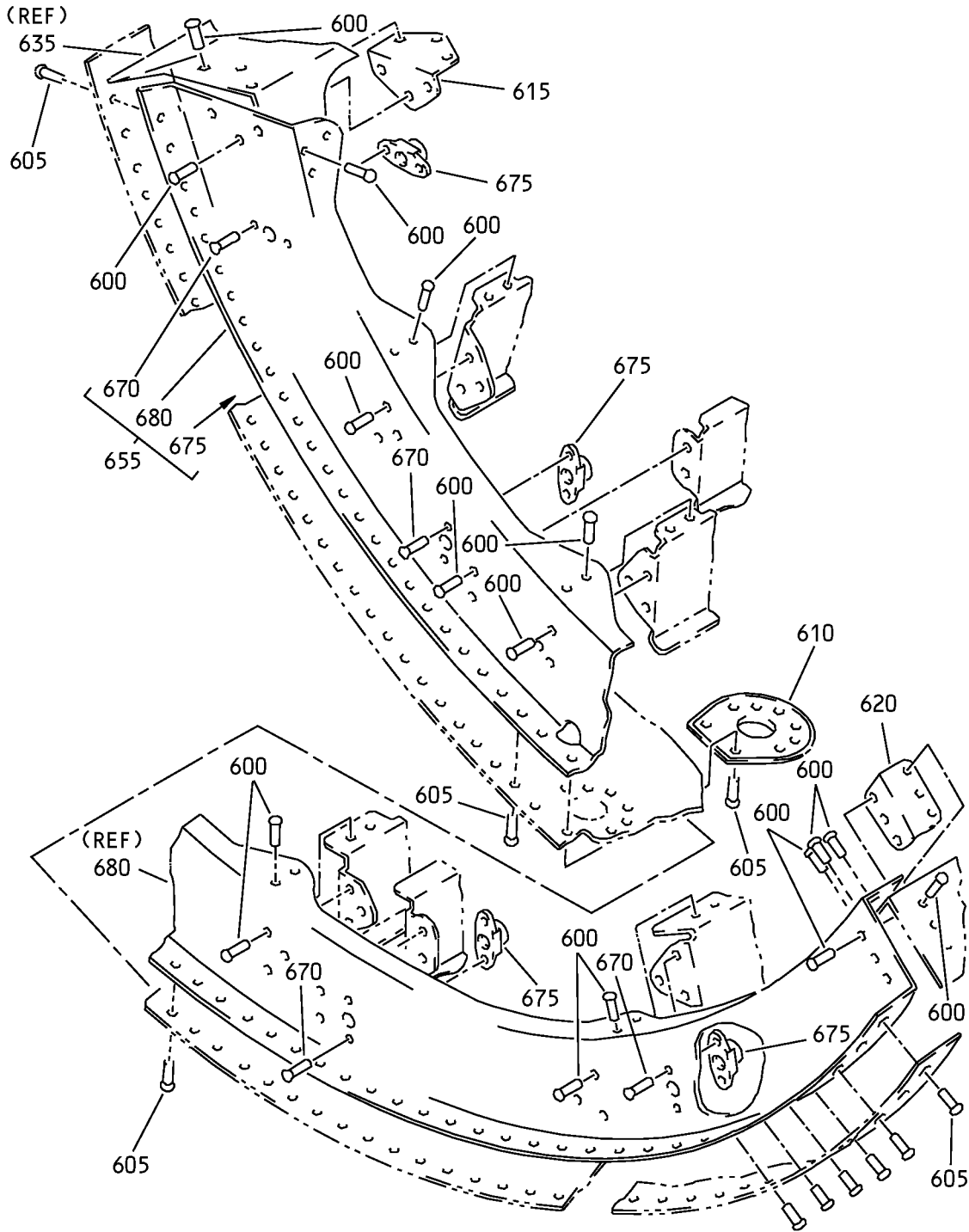
ILLUSTRATED PARTS LIST

Page 1047

Nov 01/2006



COMPONENT MAINTENANCE MANUAL



(AB)

Auxiliary Power Unit Door Assembly  
IPL Figure 1 (Sheet 14 of 16)

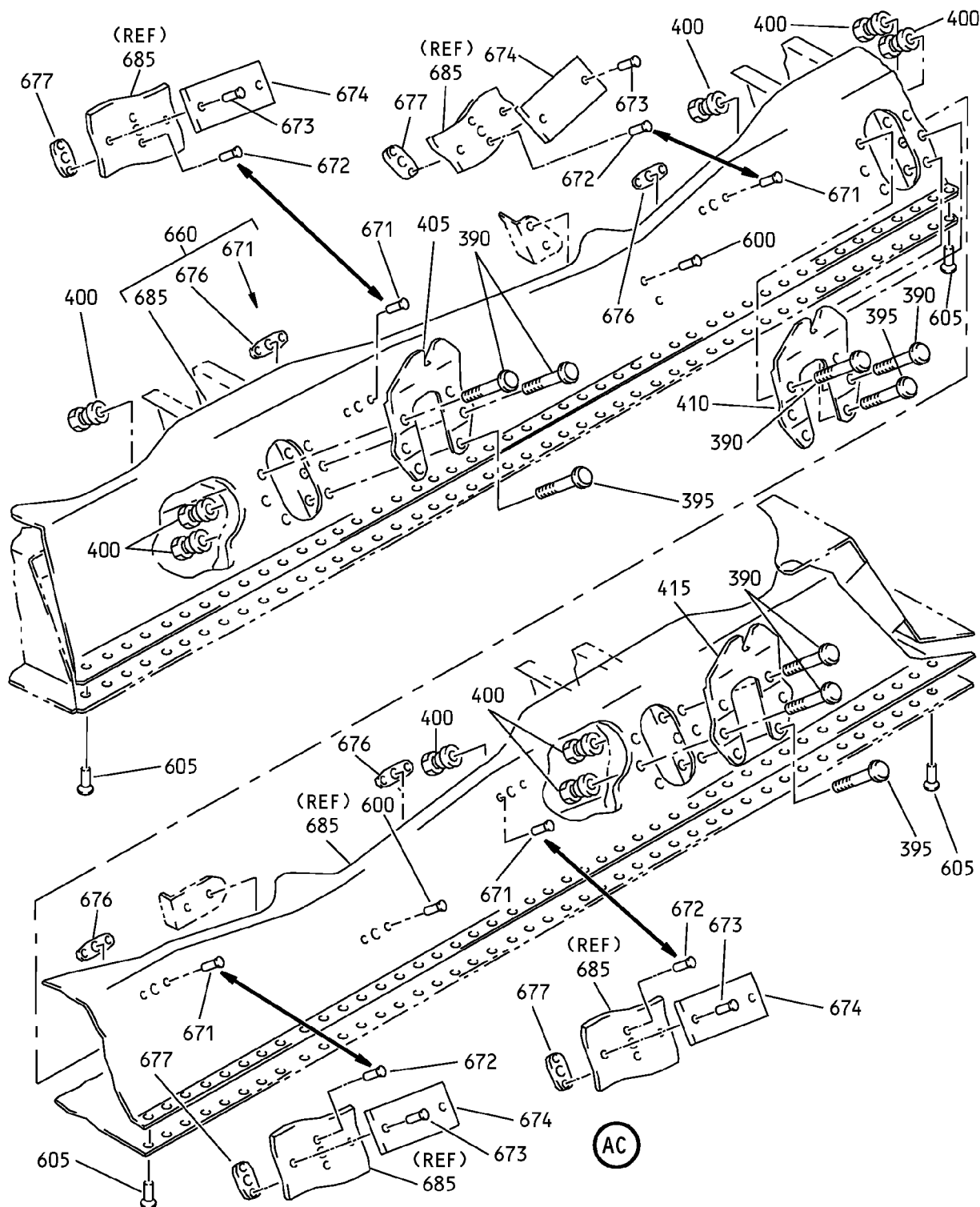
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1048

Nov 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 1 (Sheet 15 of 16)

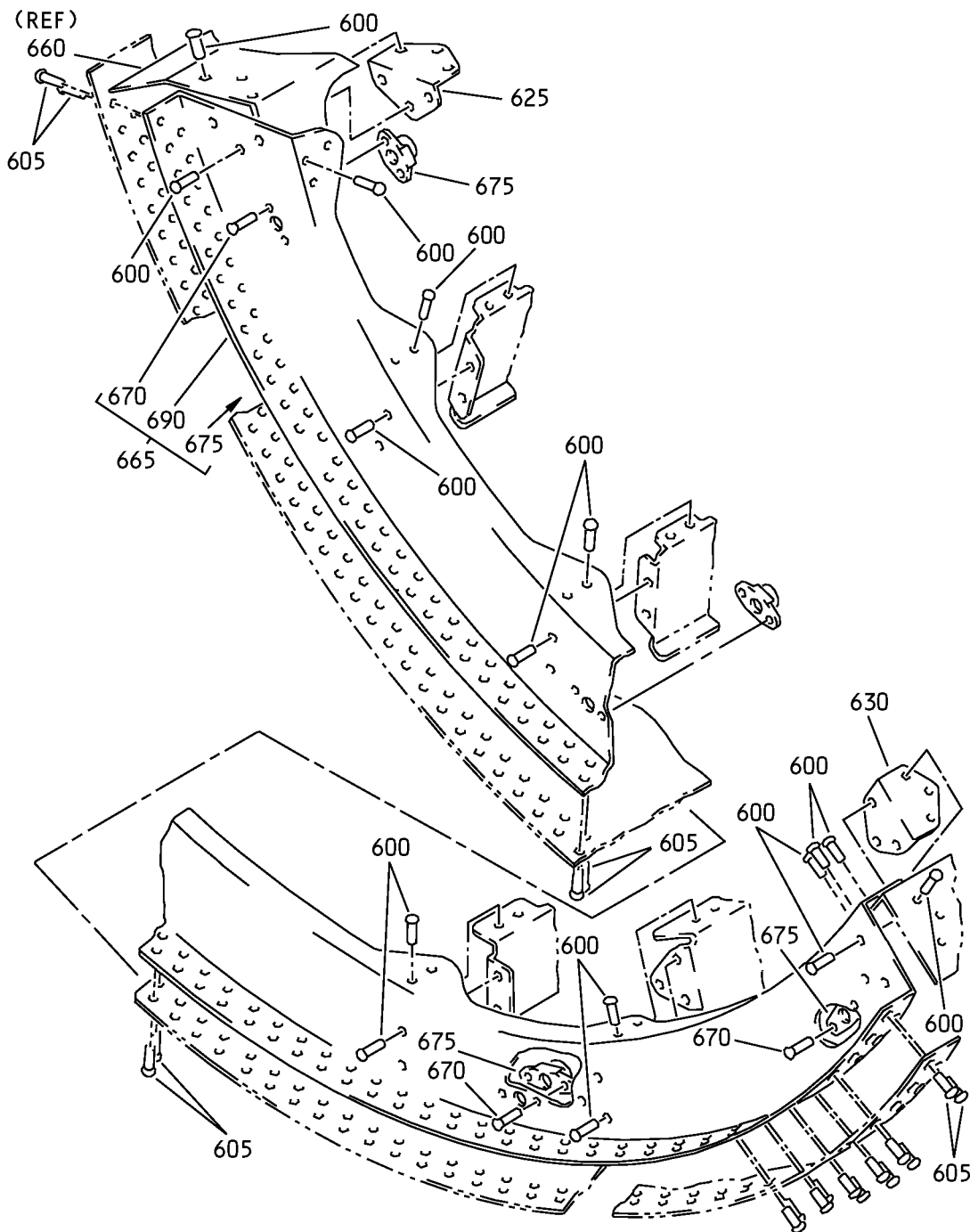
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1049

Nov 01/2006

COMPONENT MAINTENANCE MANUAL



AD

Auxiliary Power Unit Door Assembly  
IPL Figure 1 (Sheet 16 of 16)

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1050

Nov 01/2006



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1-											
-1A	148A6350-12									A	RF
-1B	148A6350-4									B	RF
-1C	148A6350-14									C	RF
-1D	148A6350-16									D	RF
-1E	148A6350-18									E	RF
-1F	148A6350-20									F	RF
-1G	148A6350-26									G	RF
-1H	148A6350-28									H	RF
-1J	148A6350-30									J	RF
-1K	148A6350-34									K	RF
-1L	148A6350-36									L	RF
-1M	148A6350-32									M	RF
-1N	148A6350-38									N	RF
-1P	148A6350-40									P	RF
-1Q	148A6350-42									Q	RF
-1R	148A6350-46									R	RF
-1S	148A6350-48									S	RF
-1T	148A6350-50									T	RF
-1U	148A6350-52									U	RF
-1V	148A6350-54									V	RF

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1051

Mar 01/2006



### COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1-											
-1W	148A6350-56									W	RF
-1X	148A6350-58									X	RF
-1Y	148A6350-60									Y	RF
-1Z	148A6350-61									Z	RF
-2	148A6350-62									AA	RF
-2A	148A6350-63									AB	RF
-2B	148A6350-64									AC	RF
5	BACB30NM4K13									A-F	4
10	BACW10BP4CD									A, B, E, F	4
-10A	NAS1149E0416P									C, D	4
15	BACW10BP4NDP									A, B, E, F	4
-15A	NAS1149E0416P									C, D	4
20	H52732-4CD									A-F	4
25	148A6354-99									A, B	1
-27	148A6354-153									C-F	1
30	148A6354-100									A, B	1
-32	148A6354-154									C-F	1
35	H52732-4CD									A-F	2
40	NAS1149D0716J									A-F	2
45	3502-18-04-4102									A, B, E, F	2
50	148A6352-1									A-F	1
55	148A6352-2									A-F	1

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1052

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1-											
60	BACP18BC02A06P									A-F	1
65	NAS6704D7									A-F	1
70	NAS1149D0416J									A-F	2
75	BACN10JD4CD									A-F	1
80	66-23351-3									A-F	1
85	148A6352-5									A-F	1
90	HST10AG5-12									A-F	4
95	HST79CY5									A-F	4
100	63-2892-2									A-F	1
105	65-26230-6									A-F	1
110	N02										
110A	NUMBER2									A-F	1
115	28-1C									A-F	1
-115A	HI2099									A-F	1

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1053

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1-											
120	BCREF0078		. . .	CABLE						A-F	1
				(V81205)							
				(BACC13G208-065CA)							
125	BA3-2		. . .	TERMINAL						A-F	1
				(V65196)							
				(SPEC BACT14B2)							
				(OPT HI2487-2 (V26590))							
				(OPT HT200-2 (V83014))							
				(OPT RA2487-2 (V80523))							
				(OPT BM2487-2 (V22277))							
				(OPT BM2487-2 (V22277))							
130	69-20293-1		. . .	END						A-F	1
135	148A6352-3		. .	TUBE						A-F	1
				(USED ON ITEM 50)							
140	148A6352-4		. .	TUBE						A-F	1
				(USED ON ITEM 55)							
145	BACB28B5-335		.	BUSHING						A, B, E, F	2
150	BACS12GU3K9		.	SCREW						A-F	8
155	NAS1149E0316P		.	WASHER						A-F	8
160	H52732-3CD		.	NUT						A-F	8
				(V15653)							
				(SPEC BACN10YR3CD)							
				(OPT PLH53CD (V62554))							
165	148A6355-122		.	PLATE						A, B, E, F	2
166	148A6355-164		.	PLATE ASSY						C, D	2
167	BACB28B5-335P		. .	BUSHING						C, D	1
168	148A6355-122		. .	PLATE						C, D	1
170	BACB30NT3K11			DELETED							
170A	BACB30NT3K13		.	BOLT						A-F	1
175	BACB30NT3K7			DELETED							
175A	BACB30NT3K9		.	BOLT						A-F	1
180	BACS18K10-27W		.	SPACER						A, B, E, F	1
-181	BACS18K10-28			DELETED							
-181A	BACS18K10-28W		.	SPACER						C, D	1
185	BACS18K10-17W		.	SPACER						A, B, E, F	1
-186	BACS18K10-44			DELETED							

-Item not Illustrated

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1054

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1-											
-186A	BACS18K10-44W		.							C, D	1
190	NAS1149B0316J										
195	NAS1149E0316P		.							A-F	2
200	66-8350		.							A-F	2
205	BACR15FT6D		.							A-F	6
210	148A6355-146		.							A-F	1
215	148A6355-147		.							A-F	1
220	BACR15BA3AD		.	.						A-F	2
225	102F171-3		.	.						A-F	1
230	148A6355-69		.	.						A-F	1
235	148A6355-130		.	.						A-F	1
240	BACR15FT6D		.							A-F	16
241	BACR15FT5D		.							A-F	4
245	148A6355-145		.							A-F	6
250	148A6355-144		.							A-F	4
255	BACR15BA3AD		.	.						A-F	2
260	102F171-3		.	.						A-F	1
265	148A6355-133		.	.						A-F	1
270	148A6355-132		.	.						A-F	1

-Item not Illustrated

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1055

Mar 01/2009





## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1-											
275	BACR15FT6D		.	RIVET						A-F	18
				(SIZE DETERMINED ON INST)							
280	BACR15GF5D		.	RIVET						A-F	21
				(SIZE DETERMINED ON INST)							
285	148A6354-77		.	HINGE-FRAME						A-F	1
290	148A6354-78		.	HINGE-FRAME						A-F	1
295	BACR15FT6D		.	RIVET						A-F	4
				(SIZE DETERMINED ON INST)							
300	148A6355-148		.	BRACKET ASSY						A-F	1
305	BACR15BA3AD		. .	RIVET						A-F	4
				(SIZE DETERMINED ON INST)							
310	102F171-3		. .	NUTPLATE						A-F	2
				(V72962)							
				(SPEC BACN10JB3CD)							
				(OPT BRF210C3D (V52828))							
				(OPT BRF2703D (V52828))							
				(OPT NS202485-02 (V80539))							
315	148A6355-98		. .	BRACKET						A-F	1
320	BACR15FT6D		.	RIVET						A-F	10
				(SIZE DETERMINED ON INST)							
325	148A6355-149		.	BRACKET ASSY-FIRE DET.						A-F	1
330	148A6355-117		.	BRACKET ASSY-FIRE DET.						A-F	1
335	148A6355-118		.	BRACKET ASSY-FIRE DET.						A-F	1
340	148A6355-120		.	BRACKET ASSY-FIRE DET.						A, B, E, F	1
-340A	148A6355-174		.	BRACKET ASSY-FIRE DET.						C, D	1
345	148A6355-151		.	BRACKET ASSY-FIRE DET.						A-F	1
350	BACR15BA3AD		. .	RIVET						A-F	4
				(SIZE DETERMINED ON INST)							
355	BR3000C3D		. .	NUTPLATE						A-F	2
				(V52828)							
				(SPEC BACN10KF3CD)							
				(OPT K51598-3BAC (V15653))							
				(OPT NS202441-02 (V80539))							
				(USED ON ITEMS 325, 330, 335, 340, 340A)							

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1056

Mar 01/2009





## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1-											
415	148A6355-129		.							A, B, E, F	1
-415A	148A6355-170		.							C, D	1
420	BACB30NM3K29		.							A-F	3
425	BACR15GF5D		.							A-F	12
430	BACW10BP3NDP		.							A-F	AR
435	H52732-3CD		.							A-F	3
440	69-36658-2		.							A-F	6
445	H888-1		.							A-F	3
450	HST10AG6-5		.							A-F	18
455	BACR15GF6D		.							A-F	12
460	BACR15FT6D		.							A-F	12
465	HST79CY6		.							A-F	18
470	148A6355-156		.							A, B, E, F	1
-470A	148A6355-173		.							C, D	1
475	148A6355-125		.							A, B, E, F	1
-475A	148A6355-166		.							C, D	1
480	148A6355-126		.							A, B, E, F	1
-480A	148A6355-167		.							C, D	1
485	BACC10JB022C030		.							A-F	2
490	BACC10JB018C026		.							A-F	2

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1058

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
1-					
495	306-10-0030		. HOSE (V00624)	A-F	1
500	306-8-0030		. HOSE (V00624)	A-F	1
505	BACB30NN3K4		. BOLT	A-F	16
510	NAS1149E0316R		. WASHER	A-F	10
515	H52732-3CD		. NUT (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))	A-F	10
520	148A6340-5		. DOUBLER ASSY	A-F	1
525	BACR15BA3AD		. . RIVET (SIZE DETERMINED ON INST)	A-F	12
530	102F9209M3		. . NUTPLATE (V72962) (SPEC BACN10KH3CD) (OPT FS1651-3 (V15653)) (OPT NS202496-02 (V80539))	A-F	1
535	BRF200C3D		. . NUTPLATE (V52828) (SPEC BACN10JR3CFD) (OPT K51602-3BAC (V15653)) (OPT NS202476-02 (V80539)) (OPT 102F9201-3 (V72962)) (OPT T8092C1032CD (V11815))	A-F	5
540	148A6340-6		. . DOUBLER	A-F	1
545	148A6340-3		. MAST ASSY-DRAIN	A-F	1
550	148A6345-1		. . TUBE	A-F	1
555	148A6345-2		. . TUBE	A-F	1
560	HST10AG6-4		. BOLT (V06725) (SPEC BACB30VT6K4) (OPT HST10AG6-4 (V73197)) (OPT HST10AG6-4 (V56878)) (OPT HST10AG6-4 (V0PTK6))	A-F	3

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1059

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1-											
565	HST10AG5-4		.	BOLT						A-F	3
				(V0PTK6)							
				(SPEC BACB30VT5K4)							
				(OPT HST10AG5-4 (V06725))							
				(OPT HST10AG5-4 (V56878))							
				(OPT HST10AG5-4 (V73197))							
570	HST79CY6		.	COLLAR						A-F	3
				(V73197)							
				(SPEC BACC30BL6)							
				(OPT HST79-6 (V56878))							
				(OPT HST79-6 (V92215))							
				(OPT HST79-6 (V5M902))							
575	HST79CY5		.	COLLAR						A-F	3
				(V73197)							
				(SPEC BACC30BL5)							
				(OPT HST79-5 (V92215))							
				(OPT HST79-5 (V56878))							
				(OPT HST79-5 (V5M902))							
580	148A6395-1		.	CUP ASSY-DRAIN						A-F	1
585	BACR15BA3AD		. .	RIVET						A-F	8
				(SIZE DETERMINED ON INST)							
590	102F171-3		. .	NUTPLATE						A-F	4
				(V72962)							
				(SPEC BACN10JB3CD)							
				(OPT BRF210C3D (V52828))							
				(OPT BRF2703D (V52828))							
				(OPT NS202485-02 (V80539))							
595	148A6395-11		. .	CUP ASSY						A-F	1
600	BACR15FT6D		.	RIVET						A-F	93
				(SIZE DETERMINED ON INST)							
605	BACR15GF5D		.	RIVET						A-F	346
				(SIZE DETERMINED ON INST)							
610	148A6355-64		.	DRAIN						A, B, E, F	1
-610A	148A6355-159		.	DRAIN						C, D	1
615	148A6355-136		.	CLIP						A-F	1
620	148A6355-135		.	CLIP						A, B, E, F	1
-620A	148A6355-171		.	CLIP						C, D	1
625	148A6355-137		.	CLIP						A, B, E, F	1
-625A	148A6355-172		.	CLIP						C, D	1

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1060

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1-											
630	148A6355-154		.	CLIP						A-F	1
635	148A6353-112		.	EDGE ASSY-ZEE						A, B, E, F	1
-635A	148A6353-125		.	EDGE ASSY-ZEE						C, D	1
640	BACR15BA3AD		..	RIVET (SIZE DETERMINED ON INST)						A-F	12
645	102F171-3		..	NUTPLATE (V72962) (SPEC BACN10JB3CD) (OPT BRF210C3D (V52828)) (OPT BRF2703D (V52828)) (OPT NS202485-02 (V80539))						A-F	6
650	148A6353-111		..	EDGE						A, B	1
-650A	148A6353-126		..	EDGE						C-F	1
655	148A6353-110		.	FRAME ASSY-STA 1091.55						A, B, E, F	1
-655A	148A6353-123		.	FRAME ASSY-STA 1091.55						C, D	1
660	148A6354-139		.	EDGE ASSY-ZEE						A, B, E, F	1
-660A	148A6354-147		.	EDGE ASSY-ZEE						C, D	1
665	148A6354-133		.	FRAME ASSY-STA 1154.70						A, B, E, F	1
-665A	148A6354-145		.	FRAME ASSY-STA 1154.70						C, D	1
670	BACR15BA3AD		..	RIVET (SIZE DETERMINED ON INST) (USED ON ITEMS 655, 655A, 665, 665A)						A-F	8
671	BACR15BA3AD		..	RIVET (SIZE DETERMINED ON INST) (USED ON ITEM 660)						A, B	8
672	BACR15BA3AD		..	RIVET (SIZE DETERMINED ON INST) (USED ON ITEM 660A)						C-F	8
673	BACR15GF5		..	RIVET (SIZE DETERMINED ON INST) (USED ON ITEM 660A)						C-F	8
674	BACF3F007T022NN		..	FILLER (USED ON ITEM 660A)						C-F	4

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1061

Mar 01/2009

**COMPONENT MAINTENANCE MANUAL**

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1- 675	102F171-3		.	.	.	.	.	.	.	A-F	4
676	102F171-3		.	.	.	.	.	.	.	A, B	4
677	102F171-3		.	.	.	.	.	.	.	C-F	4
680	148A6353-58		.	.	.	.	.	.	.	A, B	1
-680A	148A6353-124		.	.	.	.	.	.	.	C-F	1
685	148A6354-138		.	.	.	.	.	.	.	A, B	1
-685A	148A6354-148		.	.	.	.	.	.	.	C-F	1
690	148A6354-96		.	.	.	.	.	.	.	A, B	1
-690A	148A6354-146		.	.	.	.	.	.	.	C-F	1
695	16H40198-7										
695A	S352A200-12										
695B	16H40198-12		.	.	.	.	.	.	.	A-F	1

-Item not Illustrated

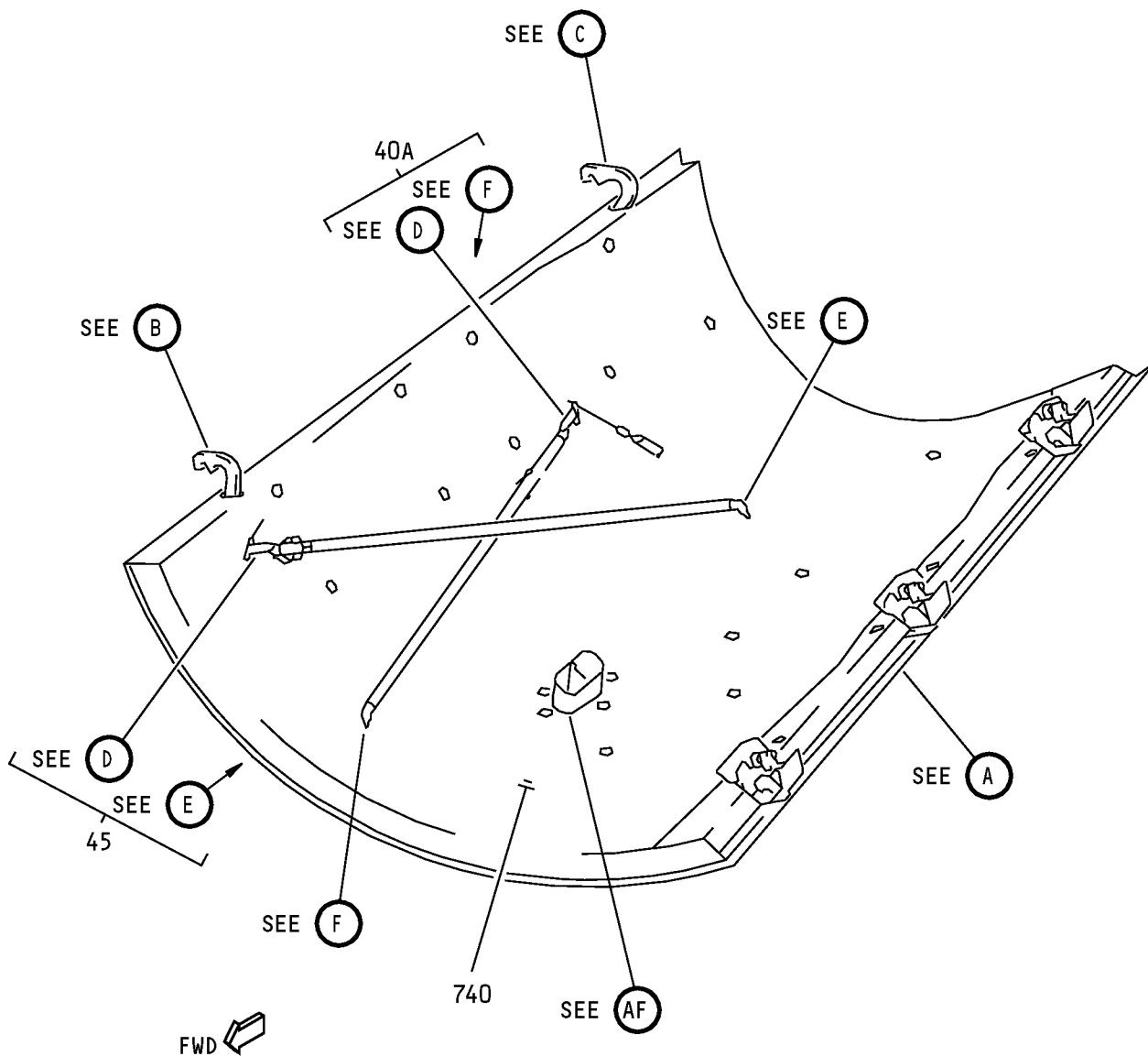
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1062

Mar 01/2009

COMPONENT MAINTENANCE MANUAL

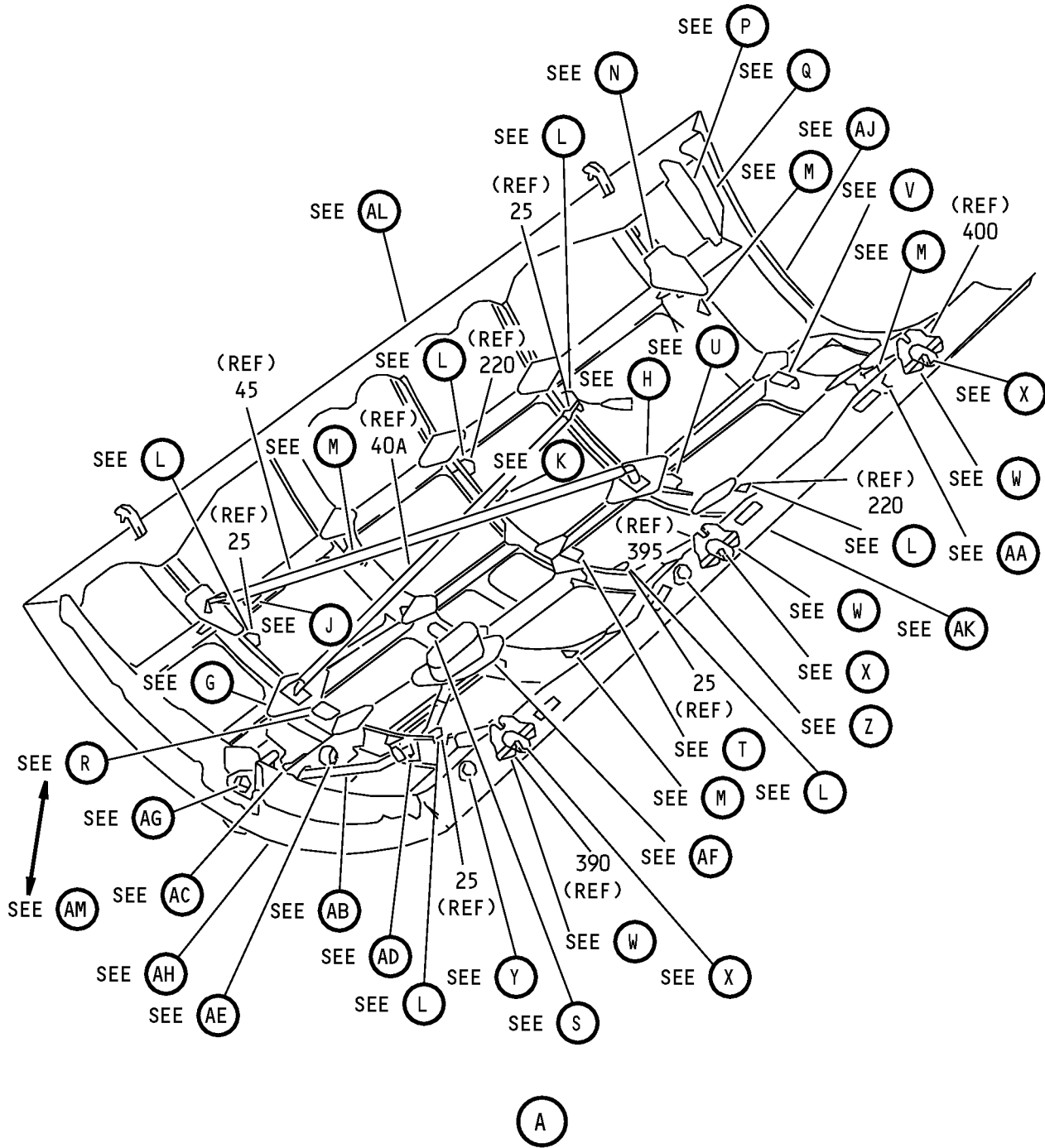


Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 1 of 18)

**52-46-12**  
ILLUSTRATED PARTS LIST  
Page 1063  
Nov 01/2006



COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 2 of 18)

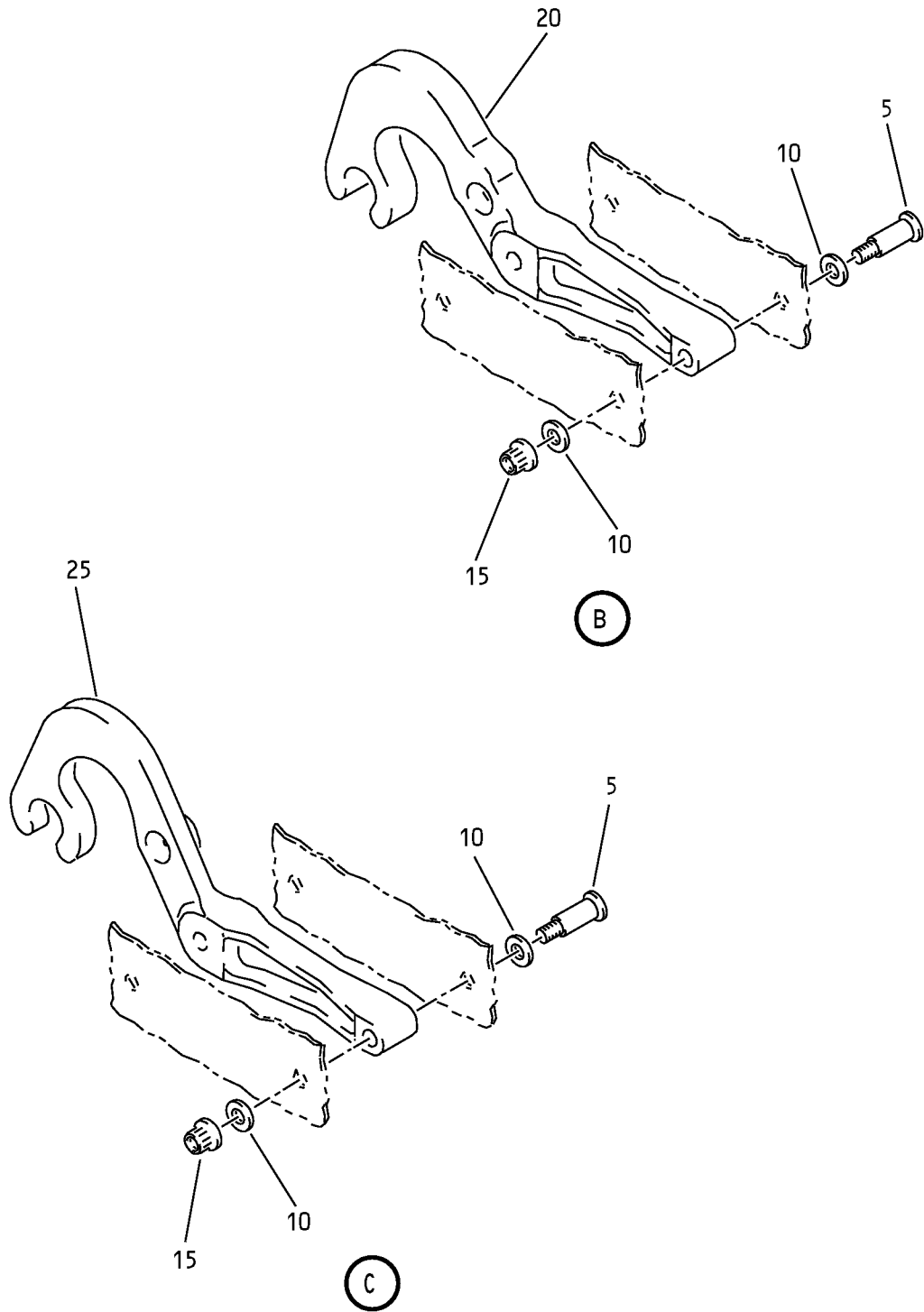
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1064

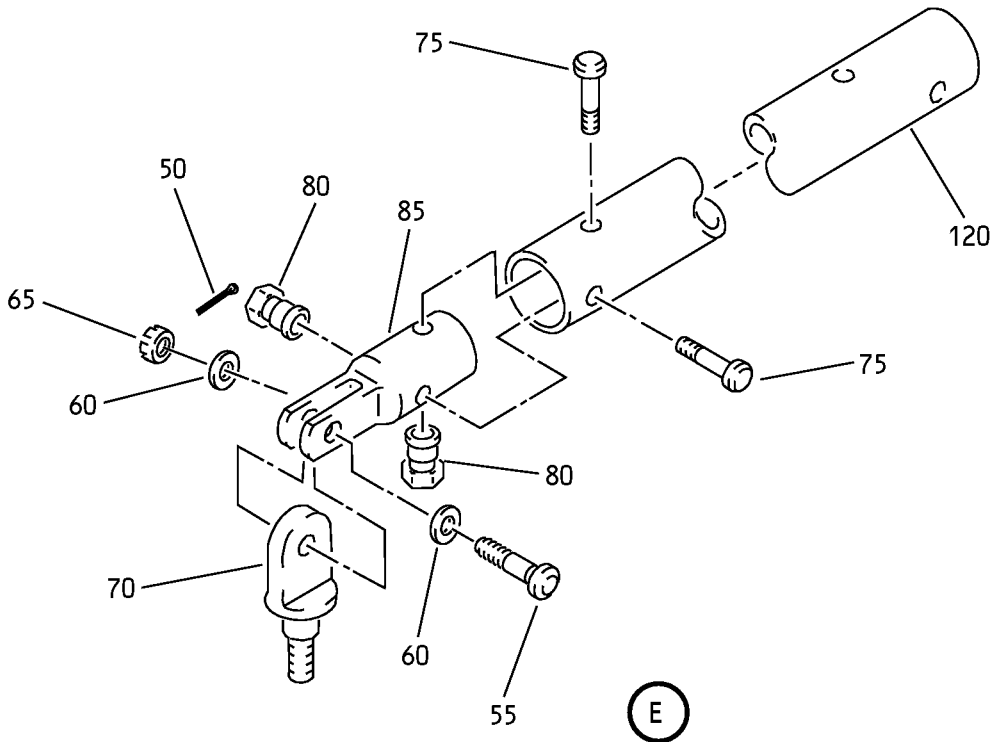
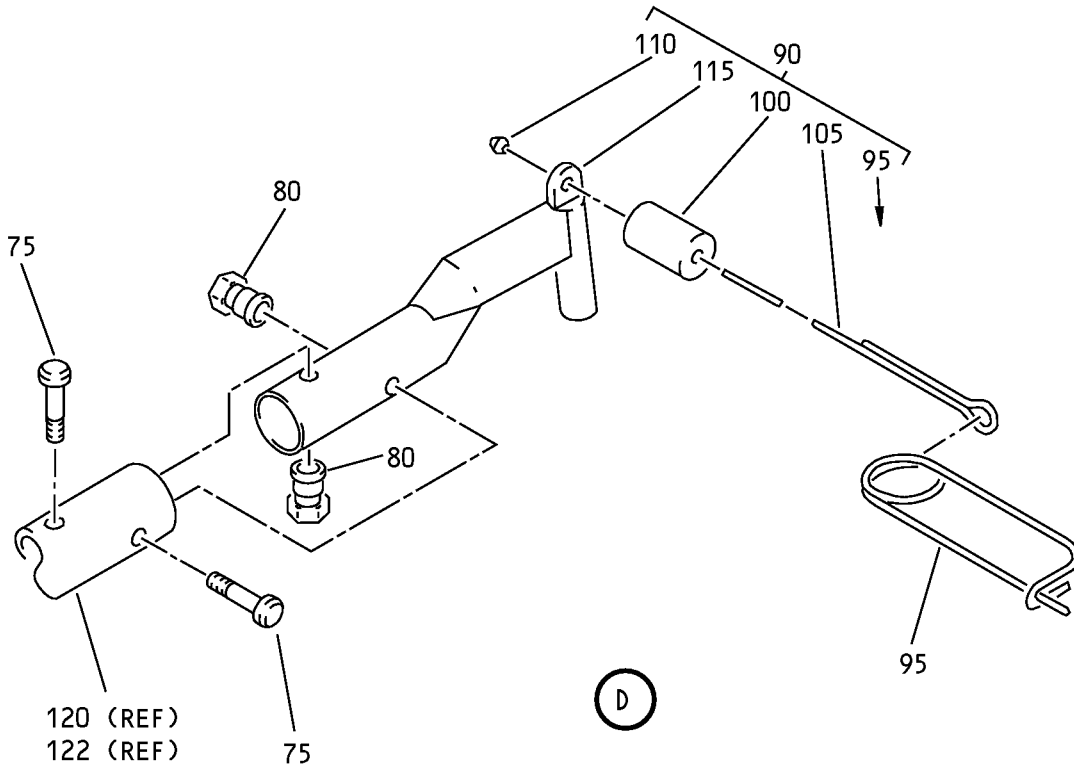
Nov 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 3 of 18)

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 4 of 18)

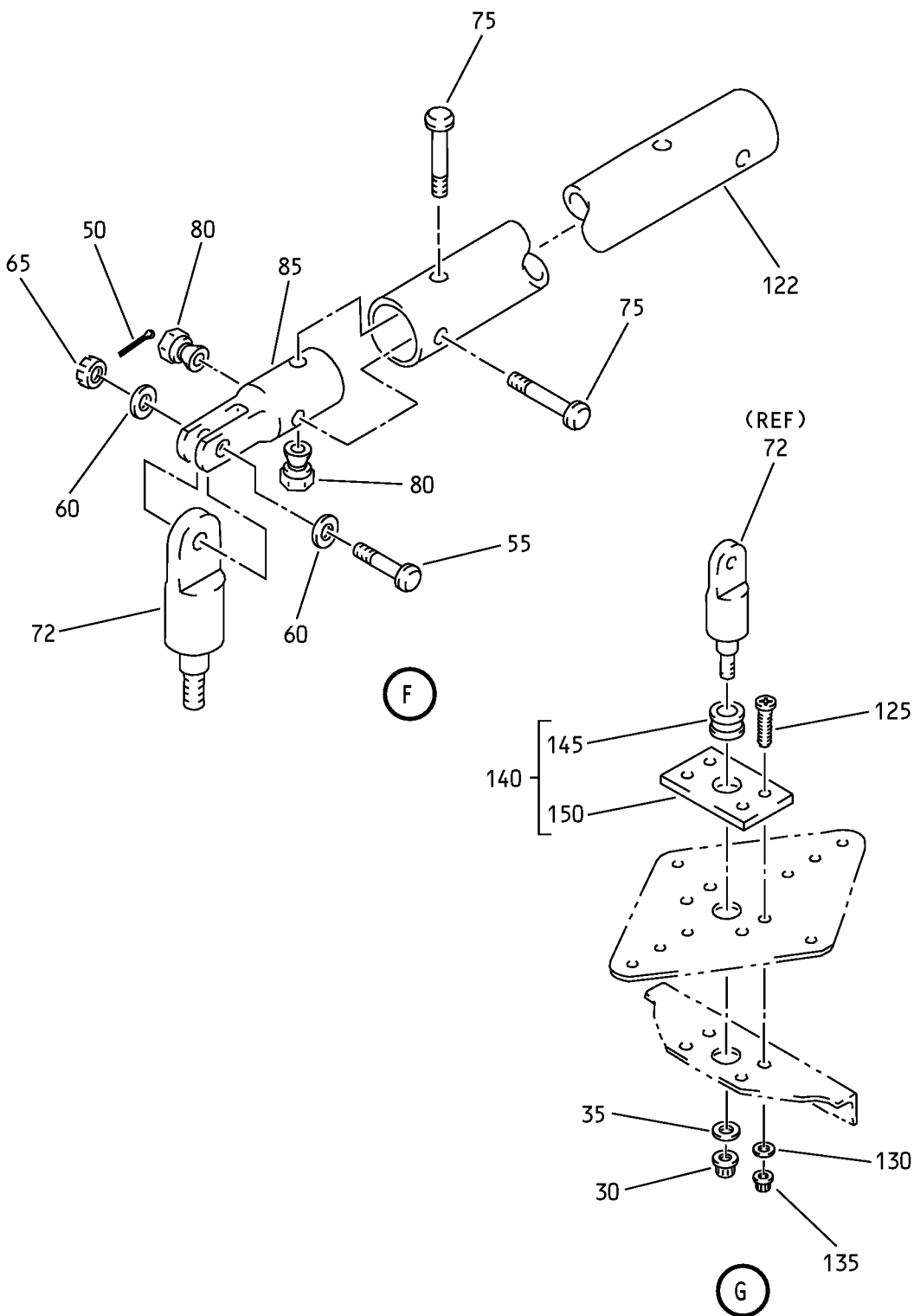
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1066

Nov 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 5 of 18)

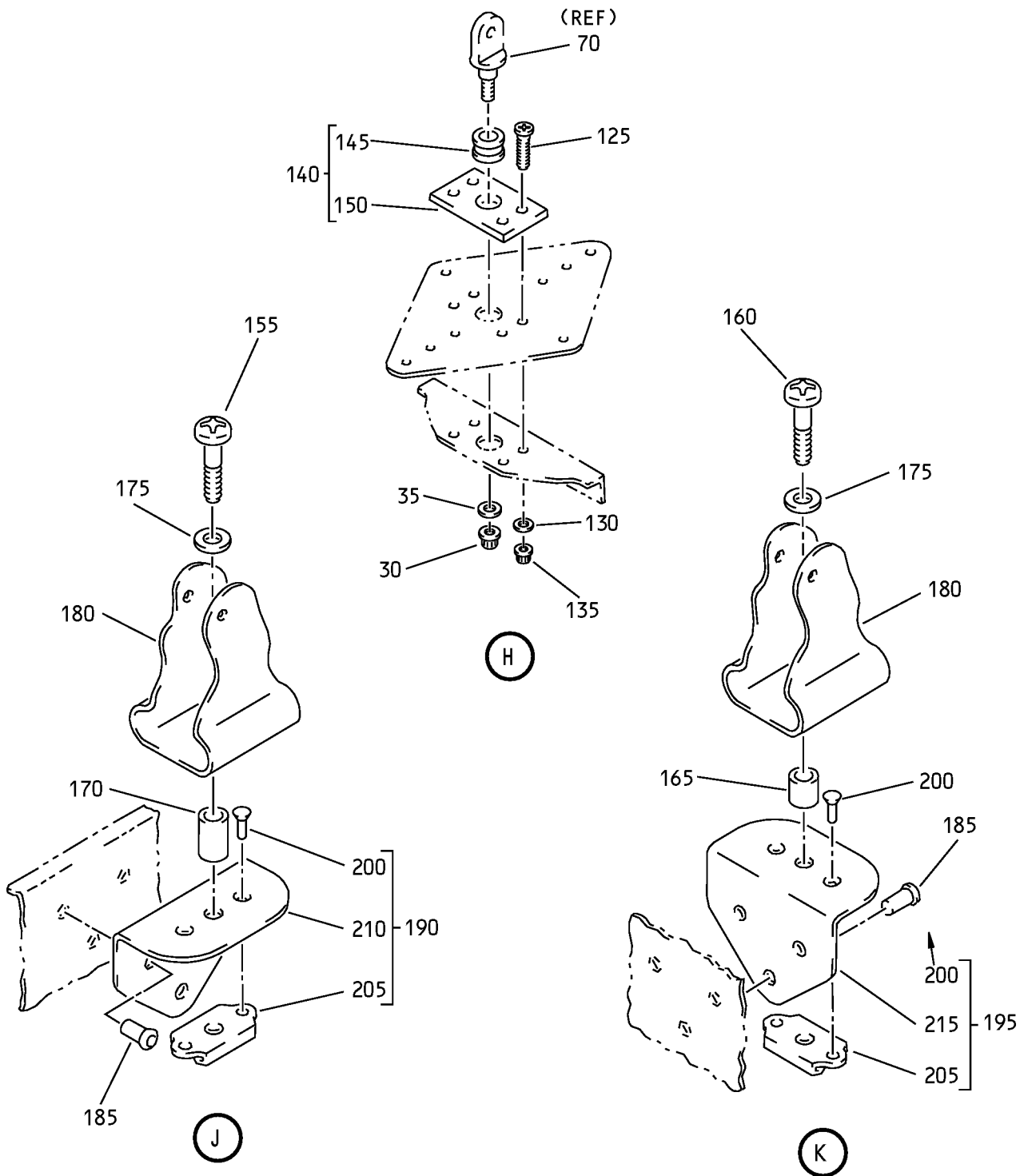
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1067

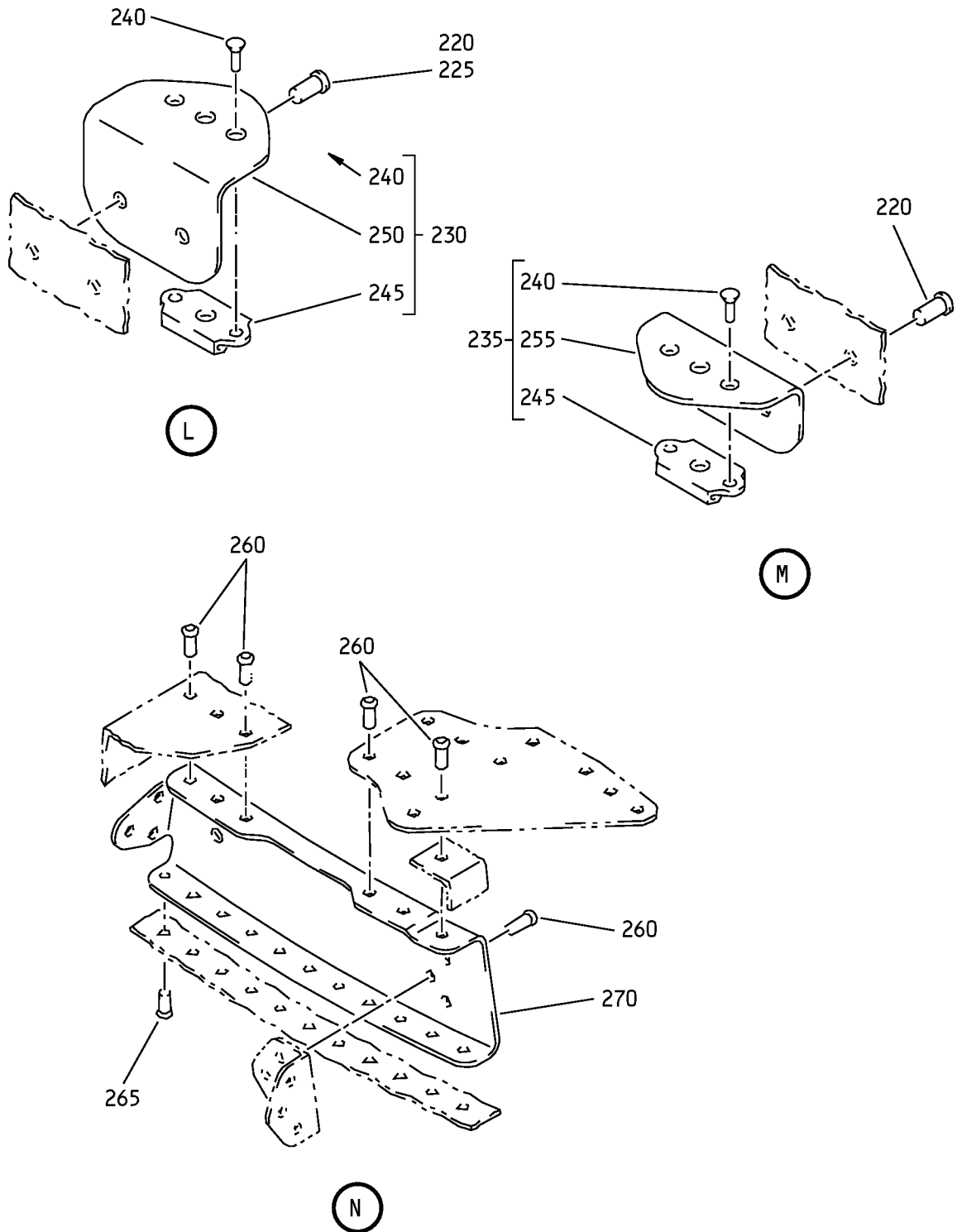
Nov 01/2006

COMPONENT MAINTENANCE MANUAL



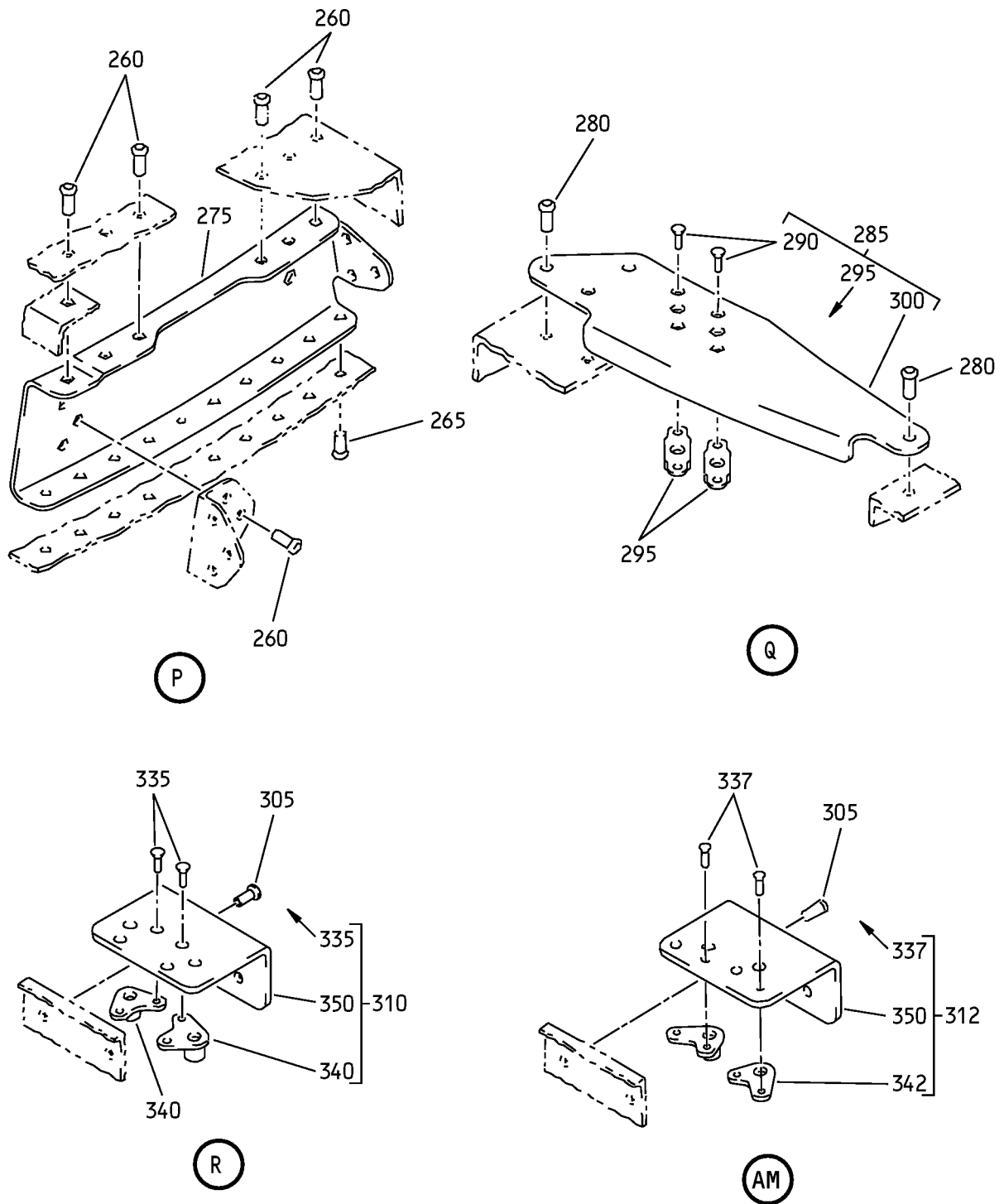
Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 6 of 18)

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 7 of 18)

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 8 of 18)

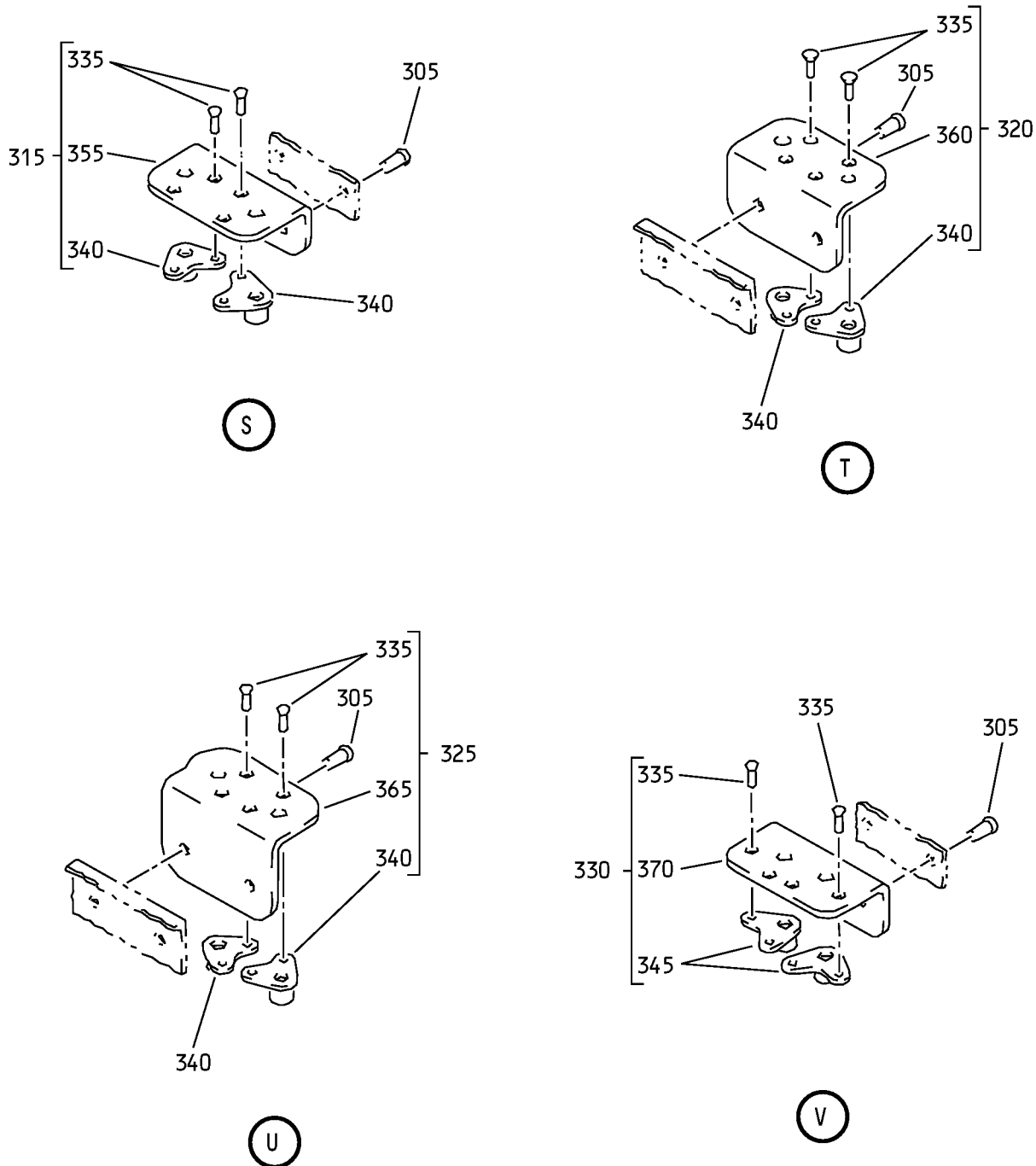
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1070

Nov 01/2006

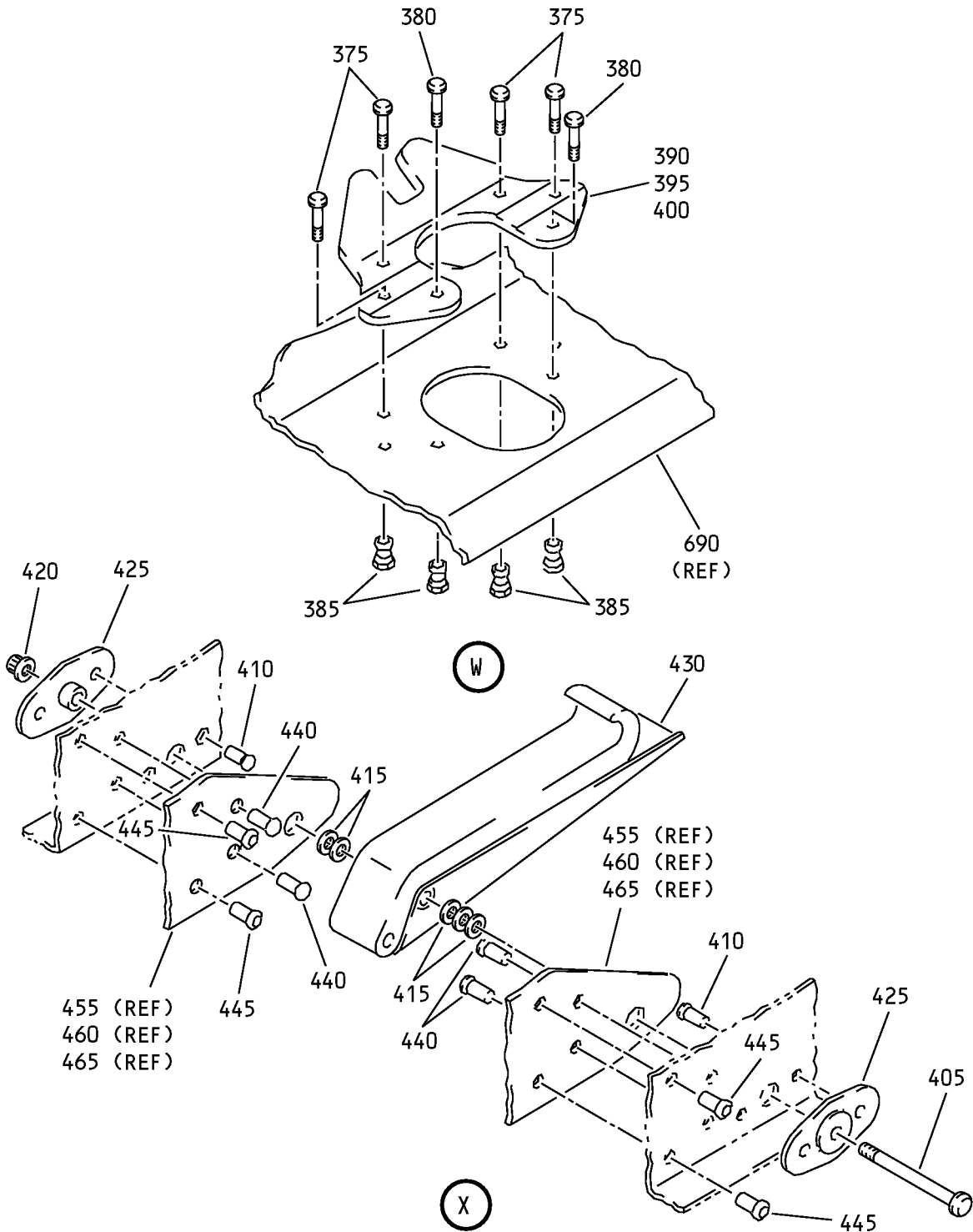
COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 9 of 18)



COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 10 of 18)

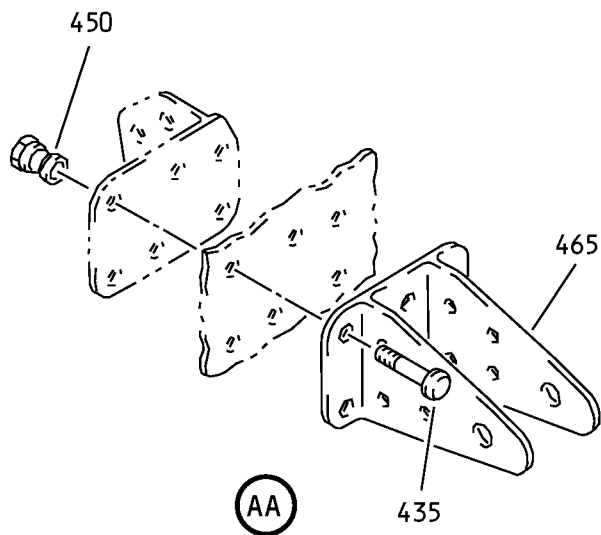
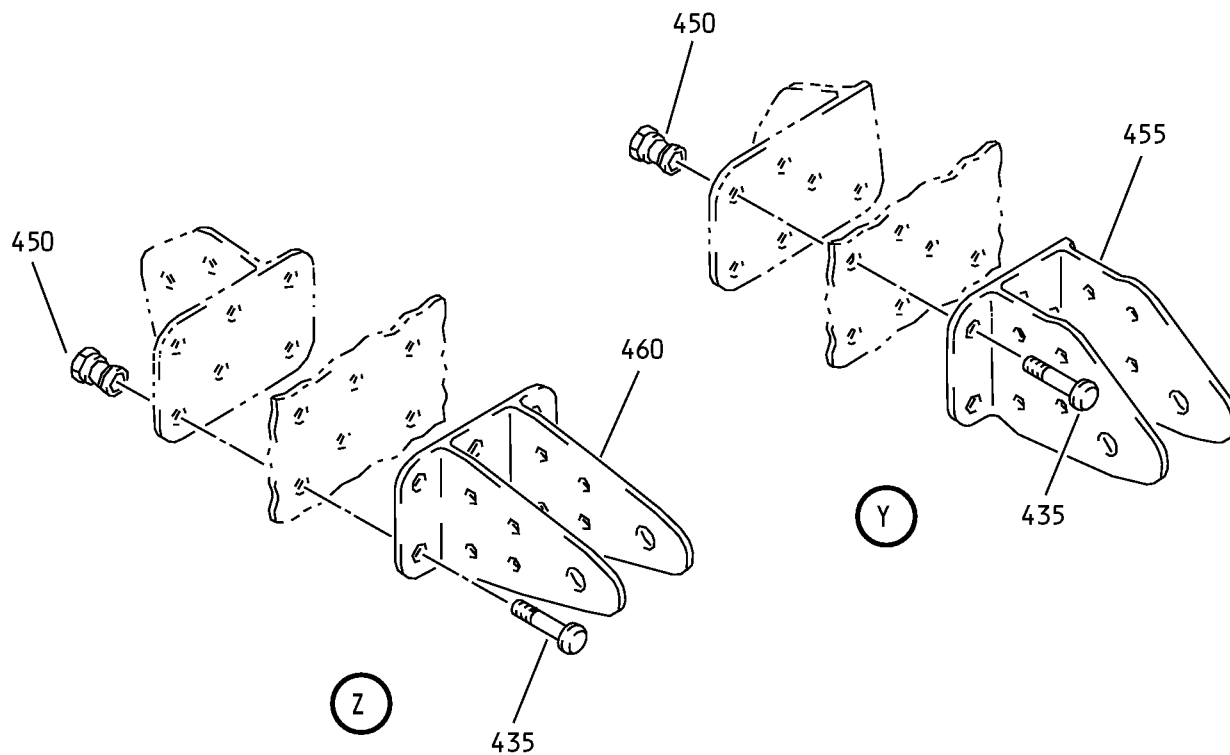
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1072

Nov 01/2006

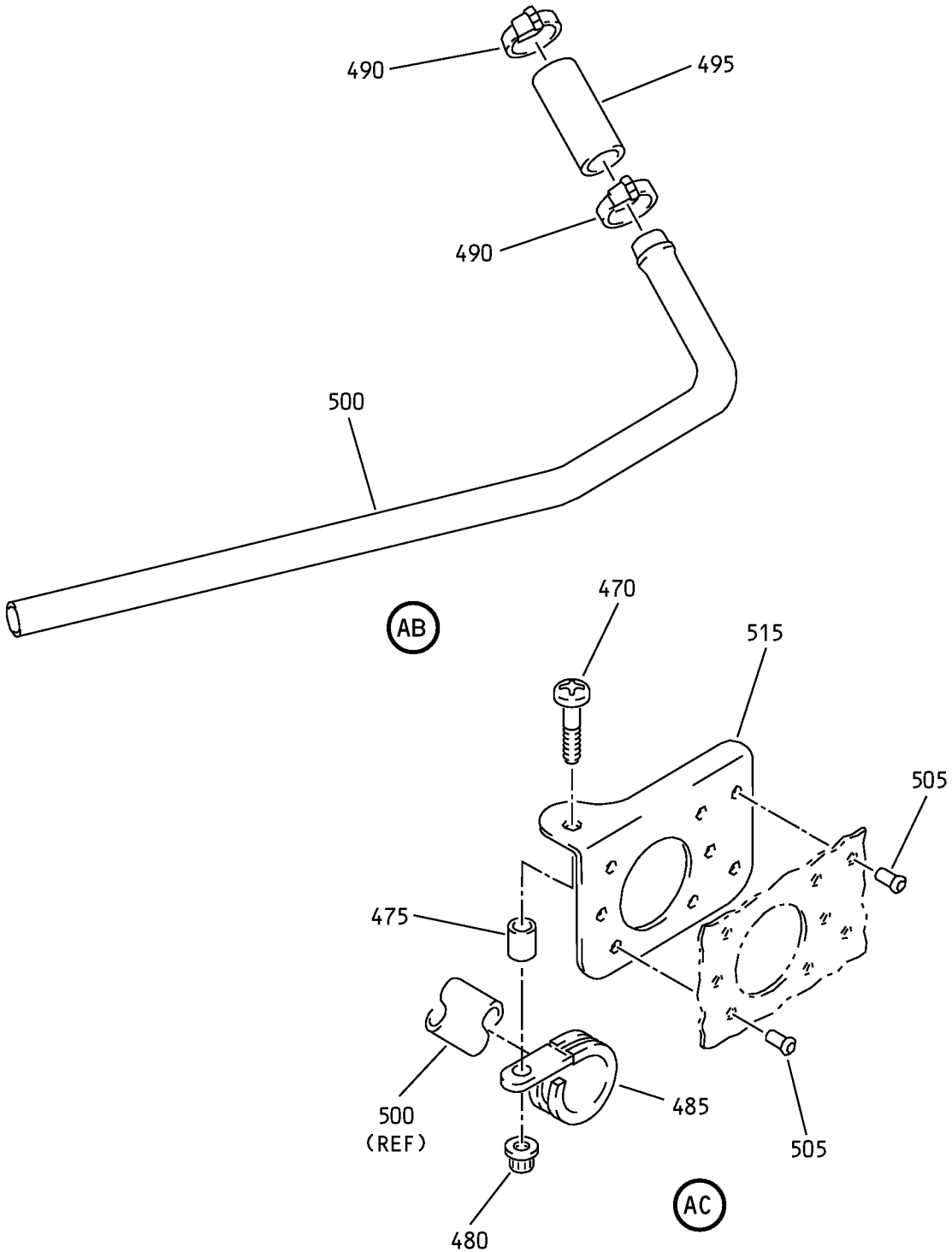
COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 11 of 18)

**52-46-12**  
ILLUSTRATED PARTS LIST  
Page 1073  
Nov 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 12 of 18)

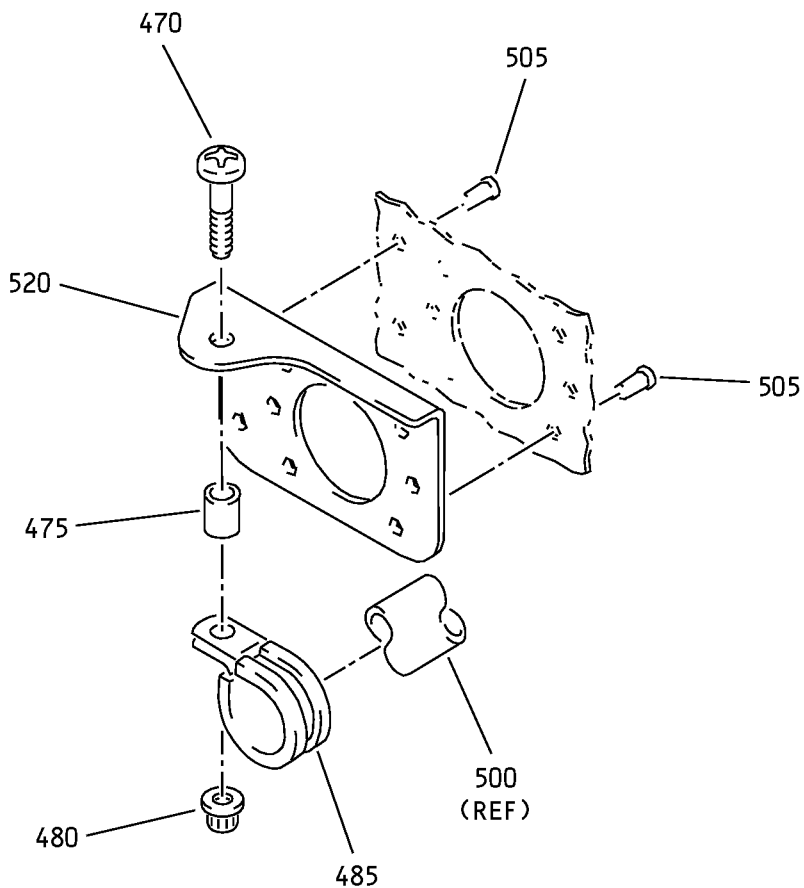
**52-46-12**

ILLUSTRATED PARTS LIST

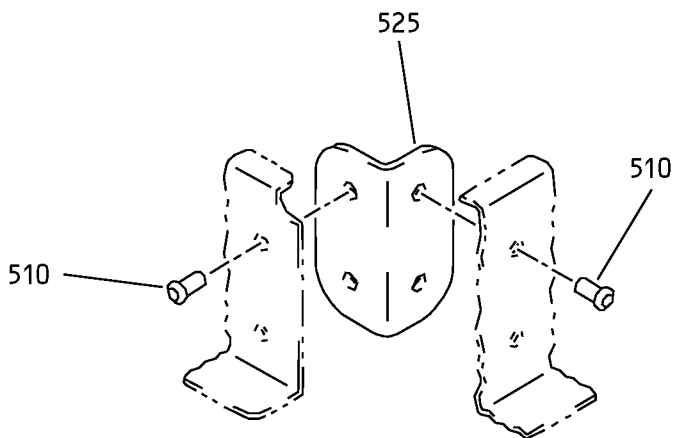
Page 1074

Nov 01/2006

COMPONENT MAINTENANCE MANUAL



AD



AE

Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 13 of 18)

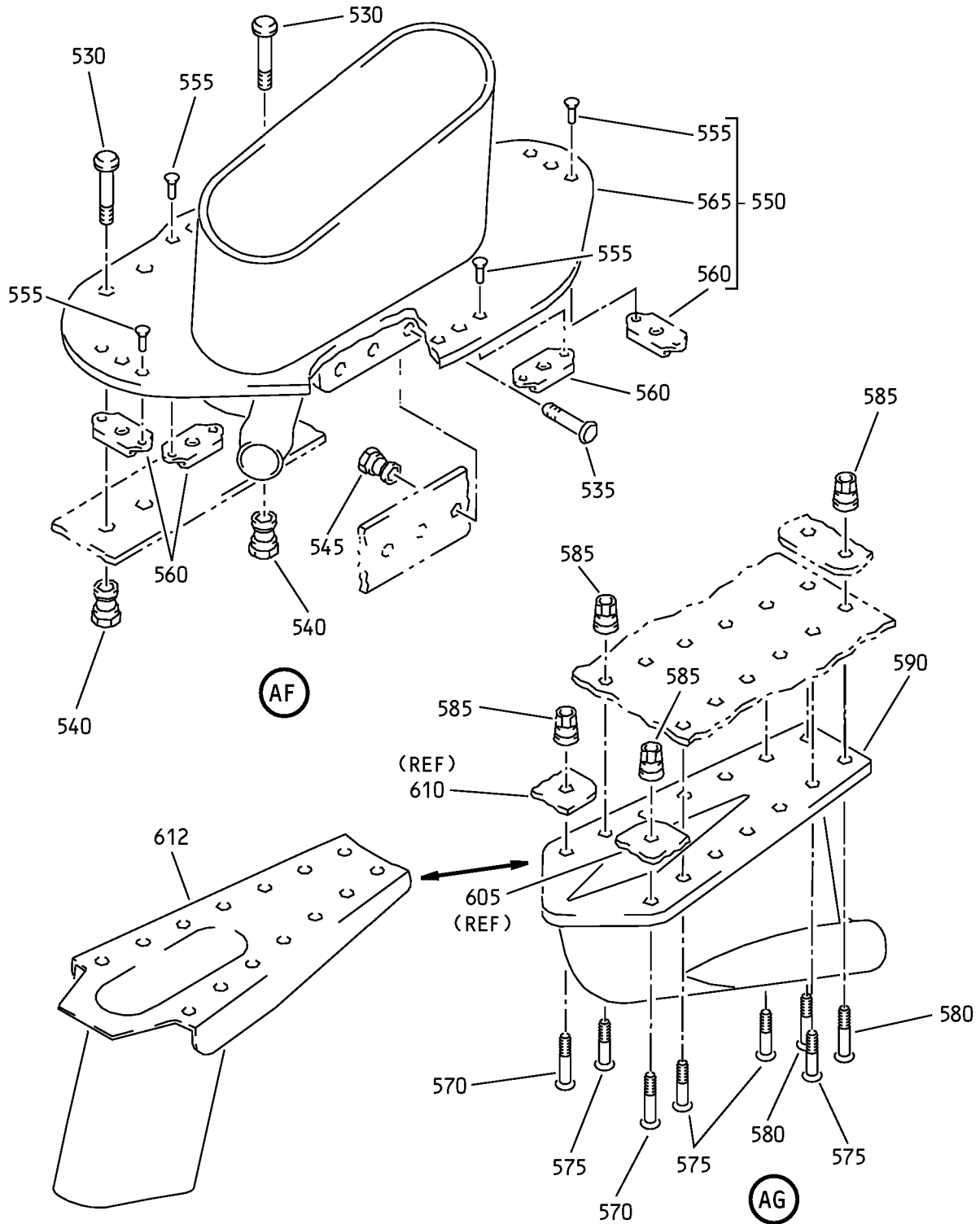
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1075

Nov 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 14 of 18)

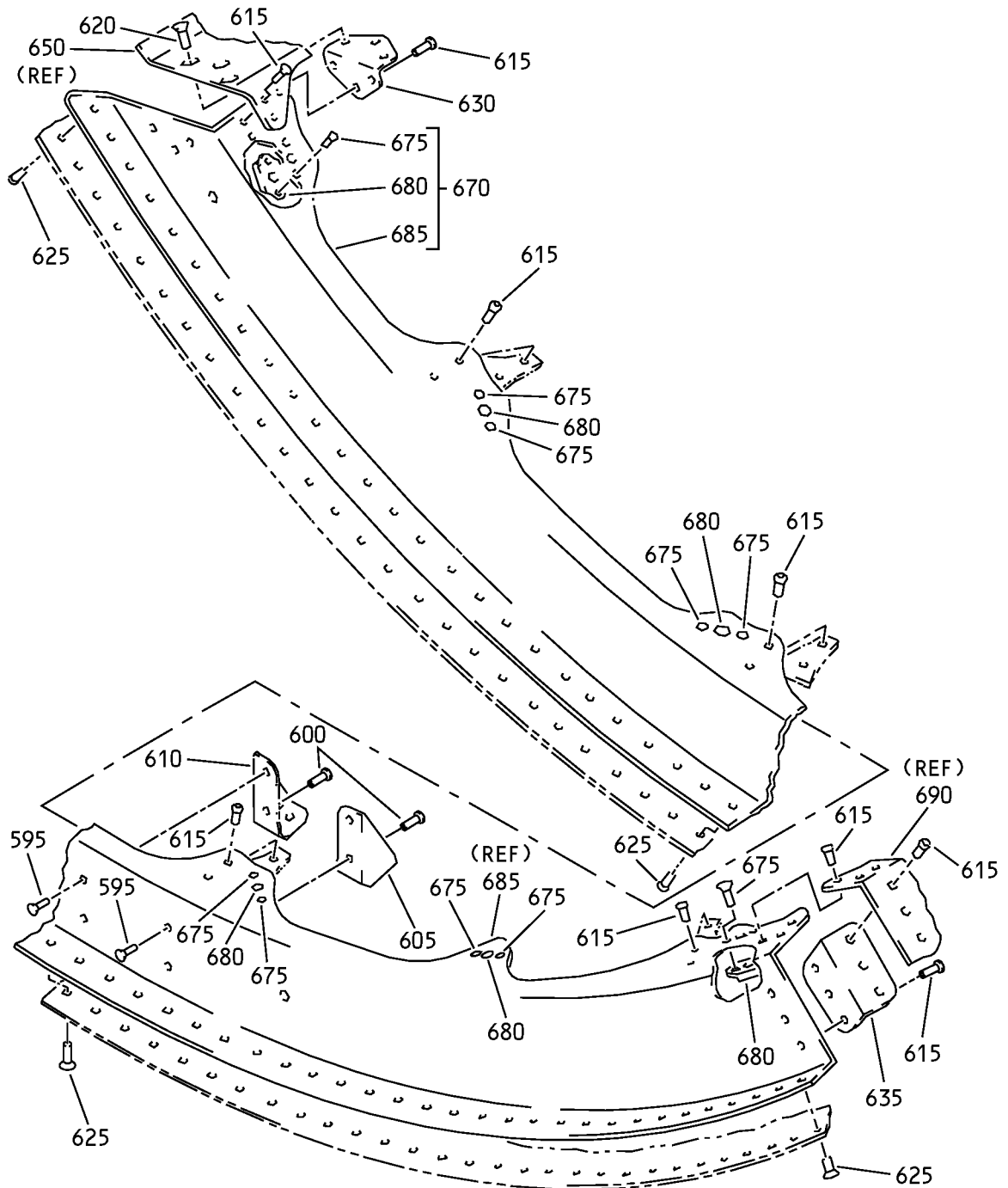
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1076

Nov 01/2006

COMPONENT MAINTENANCE MANUAL



(AH)

Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 15 of 18)

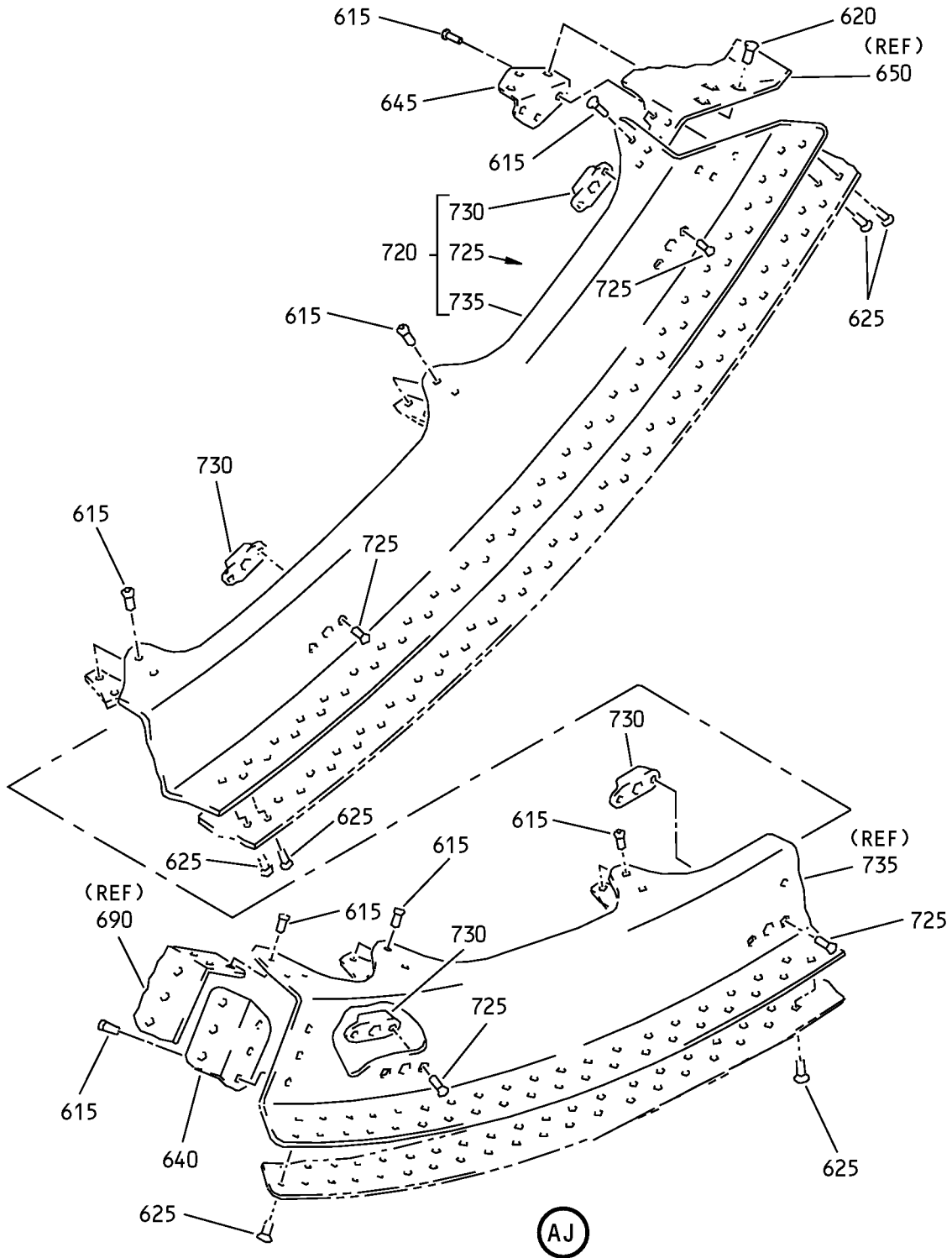
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1077

Nov 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 16 of 18)

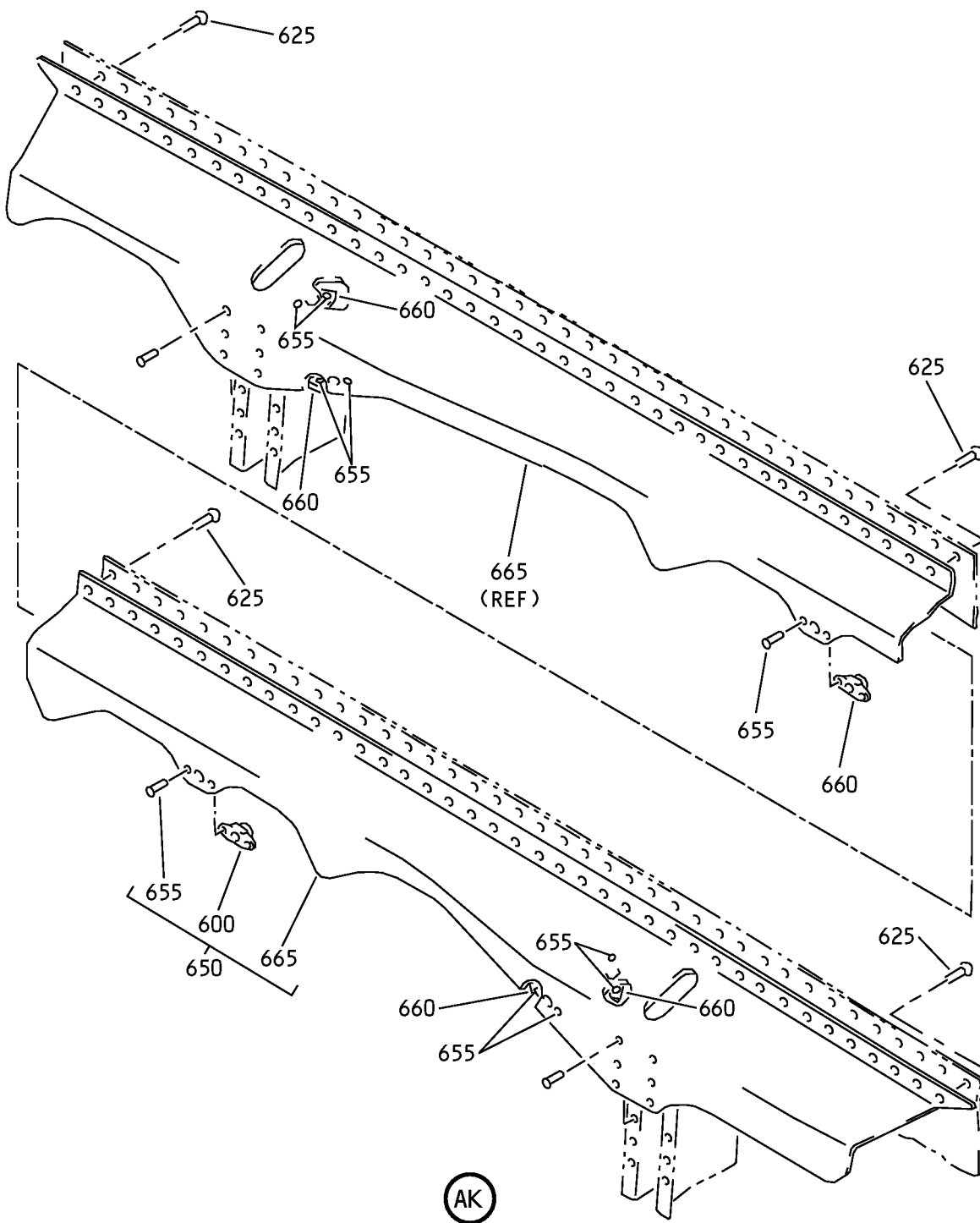
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1078

Nov 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 17 of 18)

**52-46-12**

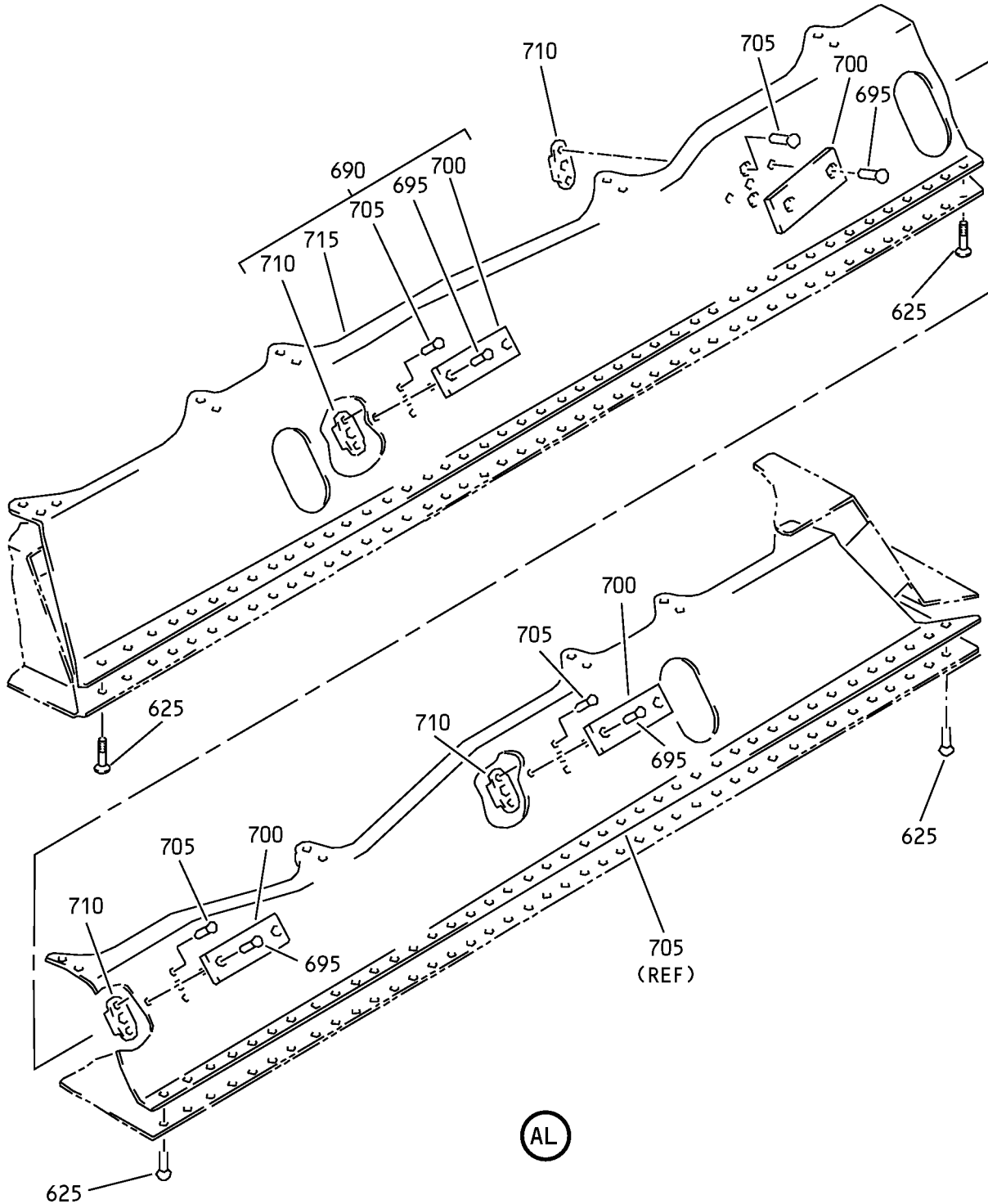
ILLUSTRATED PARTS LIST

Page 1079

Nov 01/2006



COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 2 (Sheet 18 of 18)

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1080

Nov 01/2006



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
2-											
-1A	148A6350-26									G	RF
-1B	148A6350-28									H	RF
-1C	148A6350-30									J	RF
-1D	148A6350-34									K	RF
-1E	148A6350-36									L	RF
-1F	148A6350-32									M	RF
-1G	148A6350-38									N	RF
-1H	148A6350-40									P	RF
-1J	148A6350-42									Q	RF
-1K	148A6350-46									R	RF
-1L	148A6350-48									S	RF
-1M	148A6350-50									T	RF
5	BACB30NM4K13									G-T	4
10	NAS1149E0416P									G-T	8
15	H52732-4CD									G-T	4
20	148A6354-153									G-T	1
25	148A6354-154									G-T	1
30	H52732-4CD									G-T	2
35	NAS1149D0716J									G-T	2
40	148A6352-1										
40A	148A6352-2									G-J	1
-40B	148A6352-7									K-T	1
45	148A6352-6									G-J	1
-45A	148A6352-8									K-T	1
50	BACP18BC02A06P									G-T	1
55	NAS6704D7									G-T	1
60	NAS1149D0416J									G-T	2

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1081

Mar 01/2006



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
2-											
65	BACN10JD4CD		. .	NUT						G-T	1
70	66-23351-3		. .	BOLT-EYE (USED ON ITEMS 45, 45A)						G-T	1
72	148A6352-5		. .	BOLT-EYE (USED ON ITEM 40A, 40B)						G-T	1
75	HST10AG5-12		. .	BOLT (V0PTK6) (SPEC BACB30VT5K12) (OPT HST10AG5-12 (V06725)) (OPT HST10AG5-12 (V56878)) (OPT HST10AG5-12 (V73197))						G-T	4
80	HST79CY5		. .	COLLAR (V73197) (SPEC BACC30BL5) (OPT HST79-5 (V92215)) (OPT HST79CY5 (V56878)) (OPT HST79CY5 (V5M902))						G-T	4
85	63-2892-2		. .	END-ROD						G-T	1
90	65-26230-6		. .	END ASSY-ROD						G-J	1
-90A	148A6352-9		. .	END ASSY-ROD						K-T	1
95	NUMBER2		. . .	PIN-COWL (V56110)						G-T	1
100	28-1C		. . .	SLEEVE-CABLE (V76691) (OPT ITEM 100A)						G-J	1
-100A	HI2099		. . .	TERMINAL-CABLE (V26590) (SPEC BACT14A4) (OPT HT100-4 (V83014)) (OPT ST2099 (V80523)) (OPT BM2488A4 (V22277)) (OPT 8-04057-4 (V11328)) (OPT ST24-4 (V65196)) (V56110) (OPT ITEM 100)						G-J	1
-100B	MS51844-62		. . .	SLEEVE						K-T	1
105	BCREF0078		. . .	CABLE (V81205) (BACC13G208-065CA)						G-J	1
-105A	148A6352-10		. . .	CABLE						K-T	1

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1082

Mar 01/2006



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
2-											
110	BA3-2		. . .	TERMINAL						G-T	1
				(V65196)							
				(SPEC BACT14B2)							
				(OPT HT200-2 (V83014))							
				(OPT RA2487-2 (V80523))							
				(OPT HI2487-2 (V26590))							
				(OPT 8-04056-2 (V11328))							
				(OPT BM2487-2 (V22277))							
115	69-20293-1		. . .	END						G-T	1
120	148A6352-3		. .	TUBE						G-T	1
				(USED ON ITEMS 45, 45A)							
122	148A6352-4		. .	TUBE						G-T	1
				(USED ON ITEMS 40A, 40B)							
125	BACS12GU3K9		.	SCREW						G-T	8
130	NAS1149E0316P		.	WASHER						G-T	8
135	H52732-3CD		.	NUT						G-T	8
				(V15653)							
				(SPEC BACN10YR3CD)							
				(OPT PLH53CD (V62554))							
140	148A6355-164		.	PLATE ASSY						G-T	2
145	BACB28B5-335P		. .	BUSHING						G-T	1
150	148A6355-122		. .	PLATE						G-T	1
155	BACB30NT3K13		.	BOLT						G-T	1
160	BACB30NT3K9		.	BOLT						G-T	1
165	BACS18K10-28W		.	SPACER						G-T	1
170	BACS18K10-44W		.	SPACER						G-T	1
175	NAS1149E0316P		.	WASHER						G-T	2
180	66-8350		.	CLIP-SPR						G-Q	2
-180A	148A6355-198		.	CLIP-SPR						R-T	2
185	BACR15FT6D		.	RIVET						G-T	6
				(SIZE DETERMINED ON INST)							
190	148A6355-146		.	BRACKET ASSY						G-T	1
195	148A6355-147		.	BRACKET ASSY						G-T	1
200	BACR15BA3AD		. .	RIVET						G-T	2
				(SIZE DETERMINED ON INST)							

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1083

Mar 01/2006



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
2- 205	102F171-3		. . NUTPLATE (V72962) (SPEC BACN10JB3CD) (OPT BRF210C3D (V52828)) (OPT BRF2703D (V52828)) (OPT NS202485-02 (V80539))	G-T	1
210	148A6355-69		. . BRACKET (USED ON ITEM 190)	G-T	1
215	148A6355-130		. . BRACKET (USED ON ITEM 195)	G-T	1
220	BACR15FT6D		. RIVET (SIZE DETERMINED ON INST)	G-T	16
225	BACR15FT5D		. RIVET (SIZE DETERMINED ON INST)	G-T	4
230	148A6355-145		. BRACKET ASSY	G-T	6
235	148A6355-144		. BRACKET ASSY	G-T	4
240	BACR15BA3AD		. . RIVET (SIZE DETERMINED ON INST)	G-T	2
245	102F171-3		. . NUTPLATE (V72962) (SPEC BACN10JB3CD) (OPT BRF210C3D (V52828)) (OPT BRF2703D (V52828)) (OPT NS202485-02 (V80539))	G-T	1
250	148A6355-133		. . BRACKET (USED ON ITEM 230)	G-T	1
255	148A6355-132		. . BRACKET (USED ON ITEM 235)	G-T	1
260	BACR15FT6D		. RIVET (SIZE DETERMINED ON INST)	G-T	18
265	BACR15GF5D		. RIVET (SIZE DETERMINED ON INST)	G-T	21
270	148A6354-77		. HINGE-FRAME	G-M	1
-270A	148A6354-167		. HINGE-FRAME	N-T	1
275	148A6354-78		. HINGE-FRAME	G-M	1
-275A	148A6354-168		. HINGE-FRAME	N-T	1
280	BACR15FT6D		. RIVET (SIZE DETERMINED ON INST)	G-T	4

-Item not Illustrated

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1084

Mar 01/2006



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
2-											
285	148A6355-148		.							G-T	1
290	BACR15BA3AD		.	.						G-T	4
295	102F171-3		.	.						G-T	2
300	148A6355-98		.	.						G-T	1
305	BACR15FT6D		.							G-T	10
310	148A6355-149		.							G-J	1
312	148A6355-194		.							K-T	1
315	148A6355-117		.							G-T	1
320	148A6355-118		.							G-T	1
325	148A6355-174		.							G-T	1
330	148A6355-151		.							G-T	1
335	BACR15BA3AD		.	.						G-T	4
337	BACR15BA3AD		.	.						K-T	4
340	BR3000C3D		.	.						G-T	2
342	BR3000C3D		.	.						K-T	2

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1085

Mar 01/2006

## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
2-											
345	BR3000C4D		.	.	NUTPLATE (V52828) (SPEC BACN10KF4CD) (OPT K51598-4BAC (V15653)) (OPT NS202441-048 (V80539)) (USED ON ITEM 330)					G-T	2
350	148A6355-150		.	.	BRACKET (USED ON ITEMS 310, 312)					G-T	1
355	148A6355-140		.	.	BRACKET (USED ON ITEM 315)					G-T	1
360	148A6355-141		.	.	BRACKET (USED ON ITEM 320)					G-T	1
365	148A6355-175		.	.	BRACKET (USED ON ITEM 325)					G-T	1
370	148A6355-152		.	.	BRACKET (USED ON ITEM 330)					G-T	1
375	HST10AG6-5		.		BOLT (V0PTK6) (SPEC BACB30VT6K5) (OPT HST10AG6-5 (V06725)) (OPT HST10AG6-5 (V56878)) (OPT HST10AG6-5 (V73197))					G-T	12
380	HST10AG6-4		.		BOLT (V06725) (SPEC BACB30VT6K4) (OPT HST10AG6-4 (V73197)) (OPT HST10AG6-4 (V56878)) (OPT HST10AG6-4 (V0PTK6))					G-T	6
385	HST79CY6		.		COLLAR (V73197) (SPEC BACC30BL6) (OPT HST79-6 (V92215)) (OPT HST79CY6 (V56878)) (OPT HST79CY6 (V5M902))					G-T	18
390	148A6355-168		.		STOP-LATCH					G-T	1
395	148A6355-169		.		STOP-LATCH					G-T	1
400	148A6355-170		.		STOP-LATCH					G-T	1
405	BACB30NM3K29		.		BOLT					G-T	3
410	BACR15GF5D		.		RIVET (SIZE DETERMINED ON INST)					G-T	12

-Item not Illustrated

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1086

Mar 01/2006



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY		
			1	2	3	4	5	6	7				
2-													
415	BACW10BP3NDP		.	W	A	S	H	E	R	G-T	AR		
420	H52732-3CD		.	N	U	T				G-T	3		
425	69-36658-2		.	B	E	A	R	I	N	G	G-T	6	
430	H888-1		.	L	A	T	C	H	A	S	S	G-T	3
435	HST10AG6-5		.	B	O	L	T			G-T	18		
440	BACR15GF6D		.	R	I	V	E	T		G-T	12		
445	BACR15FT6D		.	R	I	V	E	T		G-T	12		
450	HST79CY6		.	C	O	L	L	A	R	G-T	18		
455	148A6355-173		.	F	I	T	T	I	N	G	G-T	1	
460	148A6355-166		.	F	I	T	T	I	N	G	G-T	1	
465	148A6355-167		.	F	I	T	T	I	N	G	G-T	1	
470	BACB30LK3-11		.	B	O	L	T			G-T	2		
475	NAS43DD3-36FC		.	S	P	A	C	E	R	G-T	2		
480	BACN10YT3CD		.	N	U	T				G-T	2		
485	MS21919WCJ10		.	C	L	A	M	P		G-T	2		
490	BACC10JB022C030		.	C	L	A	M	P		G-T	2		
495	306-10-0030		.	H	O	S	E			G-T	1		
500	148A6345-3		.	T	U	B	E			G-T	1		
505	BACR15FT5D		.	R	I	V	E	T		G-T	16		

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1087

Mar 01/2006





## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
2-					
510	BACR15FT6D		. RIVET (SIZE DETERMINED ON INST)	G-T	4
515	148A6354-161		. BRACKET	G-T	1
520	148A6354-160		. BRACKET	G-T	1
525	148A6355-179		. BRACKET	G-T	1
530	HST10AG6-2		. BOLT (V0PTK6) (SPEC BACB30VT6K2) (OPT HST10AG6-2 (V06725)) (OPT HST10AG6-2 (V56878)) (OPT HST10AG6-2 (V73197))	G-T	3
535	HST10AG5-2		. BOLT (V0PTK6) (SPEC BACB30VT5K2) (OPT HST10AG5-2 (V06725)) (OPT HST10AG5-2 (V56878)) (OPT HST10AG5-2 (V73197))	G-T	3
540	HST79CY6		. COLLAR (V73197) (SPEC BACC30BL6) (OPT HST79-6 (V92215)) (OPT HST79CY6 (V56878)) (OPT HST79CY6 (V5M902))	G-T	3
545	HST79CY5		. COLLAR (V73197) (SPEC BACC30BL5) (OPT HST79-5 (V92215)) (OPT HST79CY5 (V56878)) (OPT HST79CY5 (V5M902))	G-T	3
550	148A6395-13		. CUP ASSY-DRAIN	G-T	1
555	MS20427M3C		. . RIVET (SIZE DETERMINED ON INST)	G-T	8
560	102F171-3		. . NUTPLATE (V72962) (SPEC BACN10JB3CD) (OPT BRF210C3D (V52828)) (OPT BRF2703D (V52828)) (OPT NS202485-02 (V80539))	G-T	4
565	148A6395-14		. . CUP ASSY	G-T	1

-Item not Illustrated

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1088

Mar 01/2006



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
2- 570	HL13VAZ5-6		. BOLT (V56878) (SPEC BACB30NY5K6) (OPT HL13VAZ5-6 (V73197)) (OPT HL13VAZ5-6 (V92215)) (OPT HL13VAZ5-6 (V97928)) (OPT L801-5K6 (V06725)) (OPT HL13VAZ5-6 (V08524)) (OPT HL13V6 (V06725)) (OPT HL13VAZ5-6 (V17446))	G-T	2
575	HL13VAZ5-4		. BOLT (V56878) (SPEC BACB30NY5K4) (OPT HL13VAZ5-4 (V73197)) (OPT HL13VAZ5-4 (V92215)) (OPT HL13VAZ5-4 (V97928)) (OPT L801-5K4 (V06725)) (OPT HL13VAZ5-4 (V08524)) (OPT HL13V4 (V06725)) (OPT HL13VAZ5-4 (V17446))	G-T	10
580	HL13VAZ5-5		. BOLT (V56878) (SPEC BACB30NY5K5) (OPT HL13VAZ5-5 (V73197)) (OPT HL13VAZ5-5 (V92215)) (OPT HL13VAZ5-5 (V97928)) (OPT L801-5K5 (V06725)) (OPT HL13VAZ5-5 (V08524)) (OPT HL13V5 (V06725)) (OPT HL13VAZ5-5 (V17446))	G-T	2
585	HL1087-5		. COLLAR (V73197) (SPEC BACC30BH5) (OPT HL1087-5 (V56878)) (OPT HL1087-5 (V9N513))	G-T	14
590	354A4070-2		. MAST-DRAIN (OPT ITEM 590A)	G-T	1
-590A	354A4070-1		. MAST-DRAIN (OPT ITEM 590)	G-T	1
595	BACR15GF5D		. RIVET (SIZE DETERMINED ON INST)	G-T	2
600	BACR15FT5D		. RIVET (SIZE DETERMINED ON INST)	G-T	2

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1089

Mar 01/2006



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY		
			1	2	3	4	5	6	7				
2-													
605	148A6355-191		.								FITTING	G-T	1
610	148A6355-192		.								FITTING	G-T	1
612	148A6356-20		.								TUBE-DROP	H-L	1
615	BACR15FT6D		.								RIVET (SIZE DETERMINED ON INST)	G-T	80
620	BACR15GF6D		.								RIVET (SIZE DETERMINED ON INST)	G-T	6
625	BACR15GF5D		.								RIVET (SIZE DETERMINED ON INST)	G-T	308
630	148A6355-136		.								CLIP	G-T	1
635	148A6355-171		.								CLIP	G-T	1
640	148A6355-172		.								CLIP	G-T	1
645	148A6355-154		.								CLIP	G-T	1
650	148A6353-88		.								EDGE ASSY-ZEE	G-T	1
655	BACR15BA3AD		.	.							RIVET (SIZE DETERMINED ON INST)	G-T	12
660	102F171-3		.	.							NUTPLATE (V72962) (SPEC BACN10JB3CD) (OPT BRF210C3D (V52828)) (OPT BRF2703D (V52828)) (OPT NS202485-02 (V80539))	G-T	6
665	148A6353-89		.	.							EDGE	G-T	1
670	148A6353-86		.								FRAME ASSY-STA 1091.55	G-T	1
675	BACR15BA3AD		.	.							RIVET (SIZE DETERMINED ON INST)	G-T	12
680	102F171-3		.	.							NUTPLATE (V72962) (SPEC BACN10JB3CD) (OPT BRF210C3D (V52828)) (OPT BRF2703D (V52828)) (OPT NS202485-02 (V80539))	G-T	6
685	148A6353-87		.	.							FRAME	G-T	1
690	148A6354-147		.								EDGE ASSY-ZEE	G-T	1
695	BACR15GF5D		.	.							RIVET (SIZE DETERMINED ON INST)	G-T	8
700	BACF3F007T022NN		.	.							FILLER	G-T	4

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1090

Mar 01/2006



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY	
			1	2	3	4	5	6	7			
2- 705	BACR15BA3AD		.	.							G-T	8
			(SIZE DETERMINED ON INST)									
710	102F171-3		.	.							G-T	4
			(V72962) (SPEC BACN10JB3CD) (OPT BRF210C3D (V52828)) (OPT BRF2703D (V52828)) (OPT NS202485-02 (V80539))									
715	148A6354-148		.	.							G-T	1
720	148A6354-145		.								G-T	1
			FRAME ASSY-STA 1154.70									
725	BACR15BA3AD		.	.							G-T	8
			(SIZE DETERMINED ON INST)									
730	102F171-3		.	.							G-T	4
			(V72962) (SPEC BACN10JB3CD) (OPT BRF210C3D (V52828)) (OPT BRF2703D (V52828)) (OPT NS202485-02 (V80539))									
735	148A6354-146		.	.							G-T	1
			FRAME									
740	16H40198-18		.								G-M	1
			PANEL-INSULATION (V22013) (SPEC S352A200-18)									

-Item not Illustrated

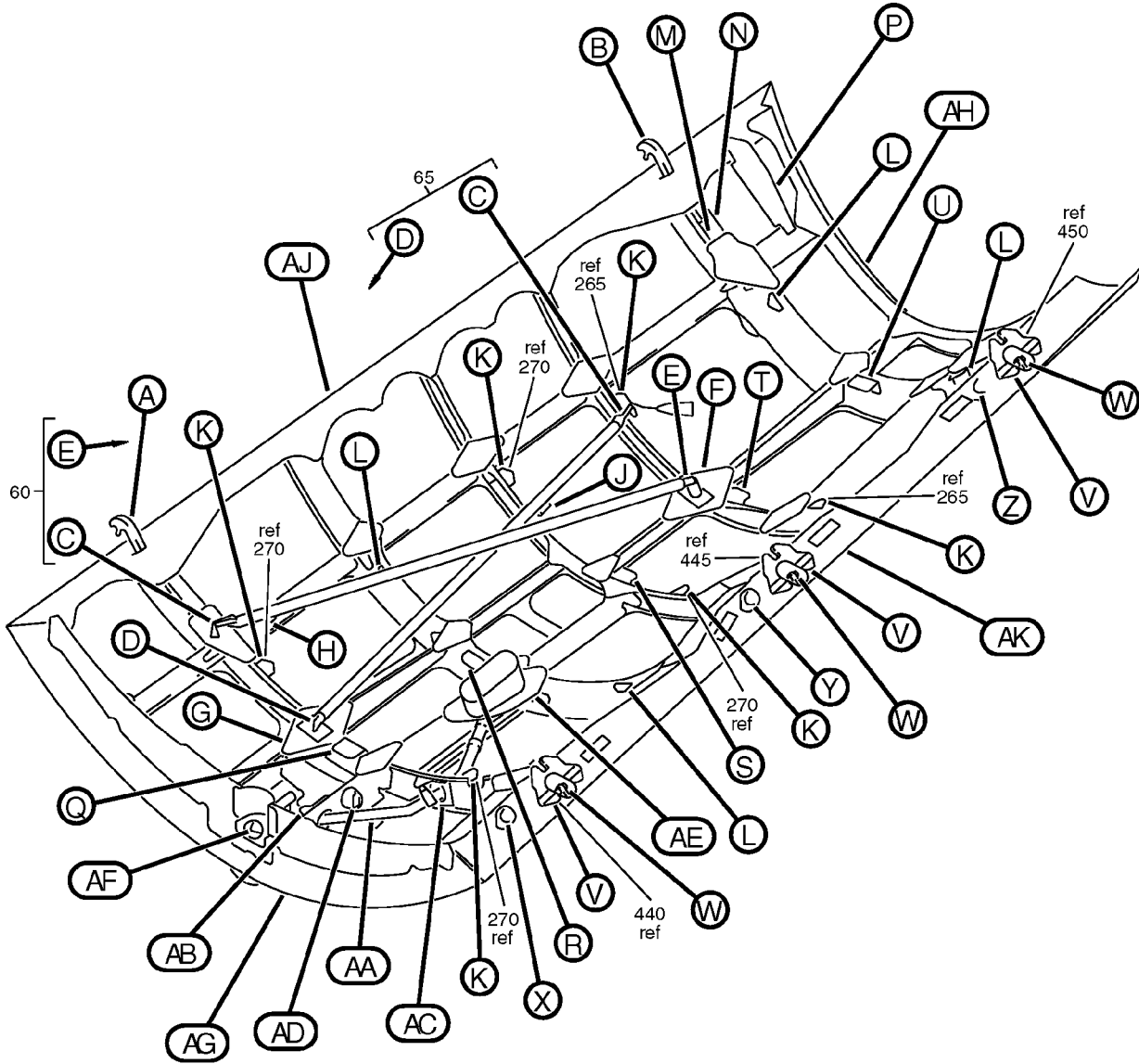
# 52-46-12

ILLUSTRATED PARTS LIST

Page 1091

Mar 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 1 of 17)

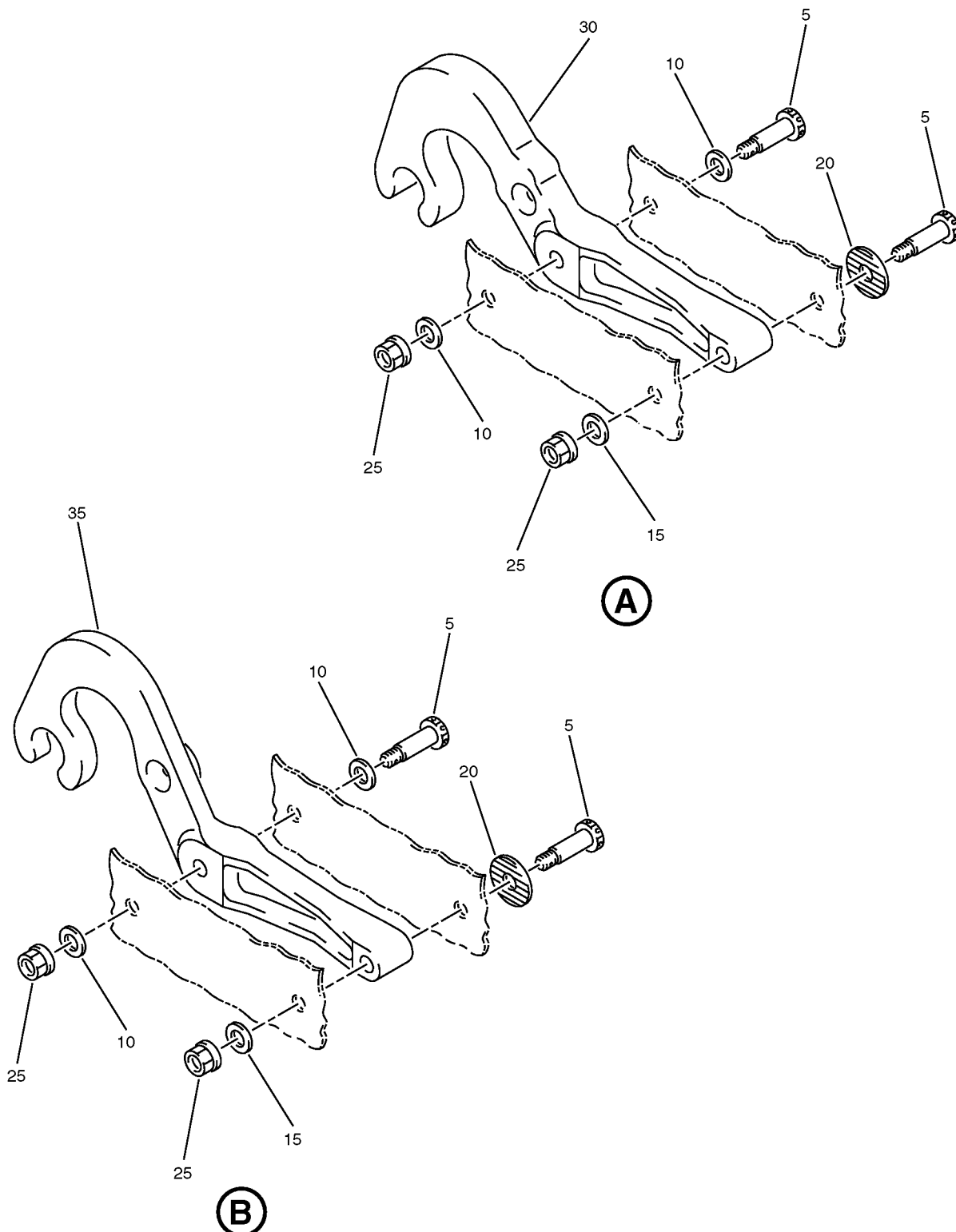
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1092

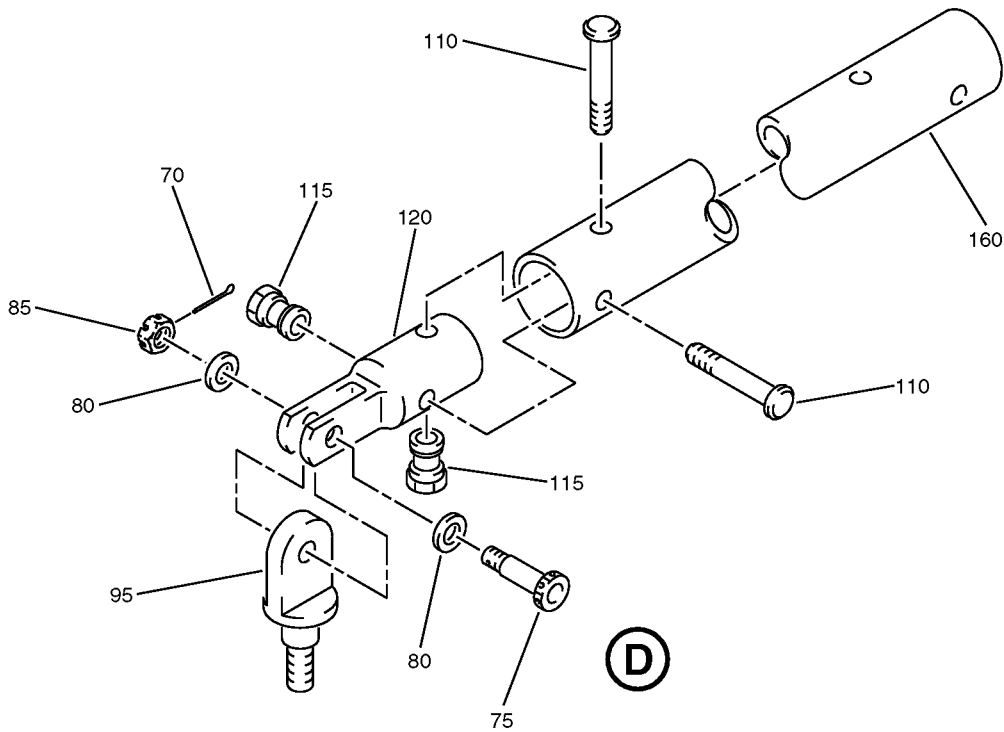
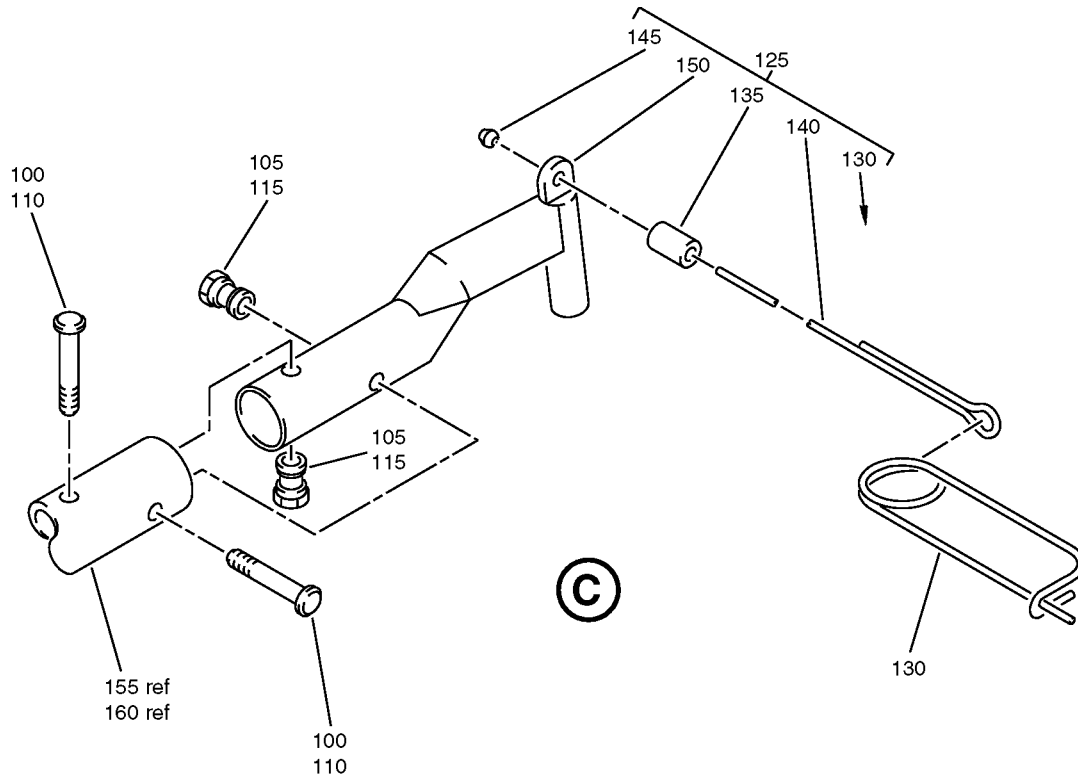
Nov 01/2006

COMPONENT MAINTENANCE MANUAL



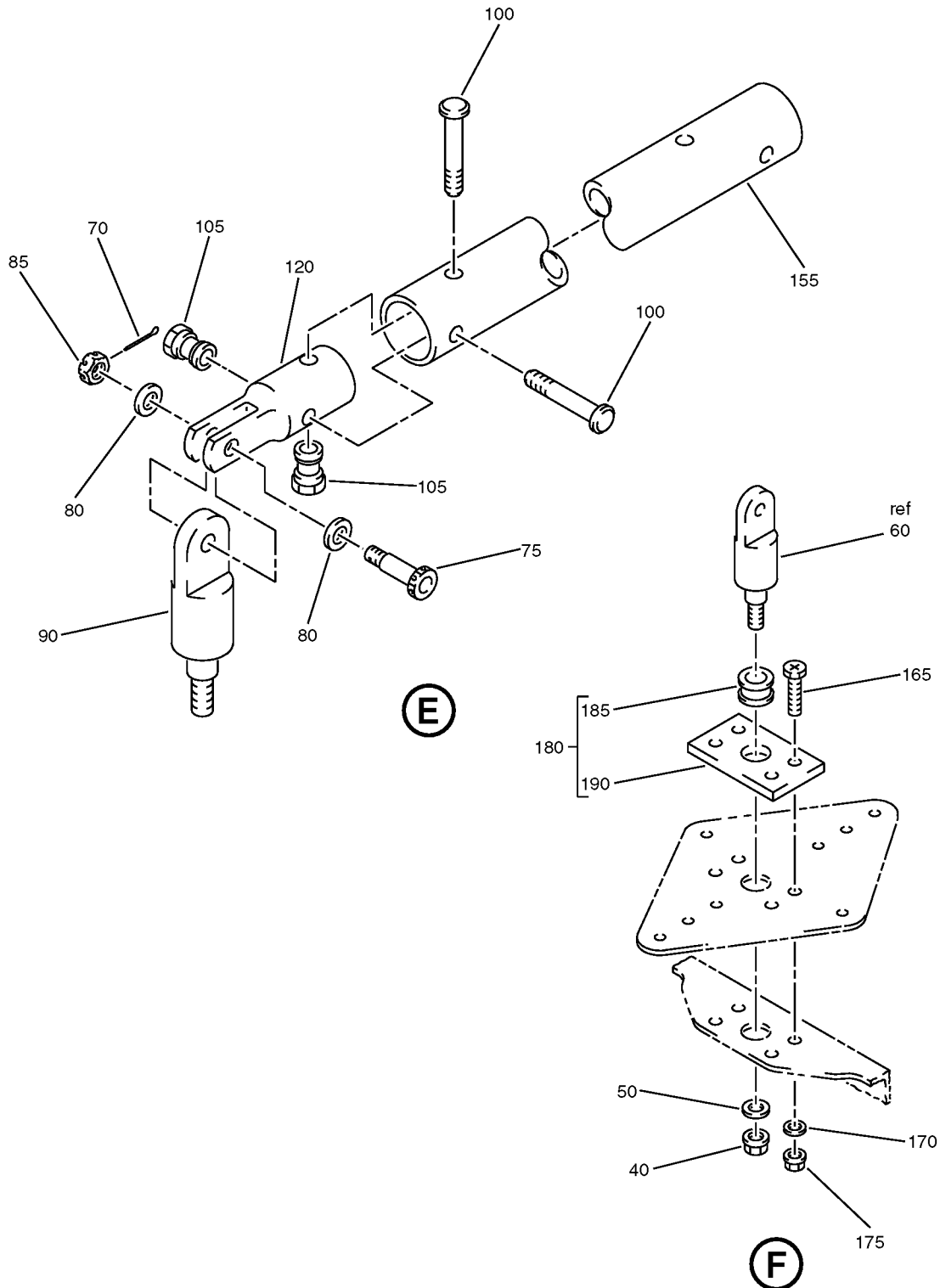
Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 2 of 17)

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 3 of 17)

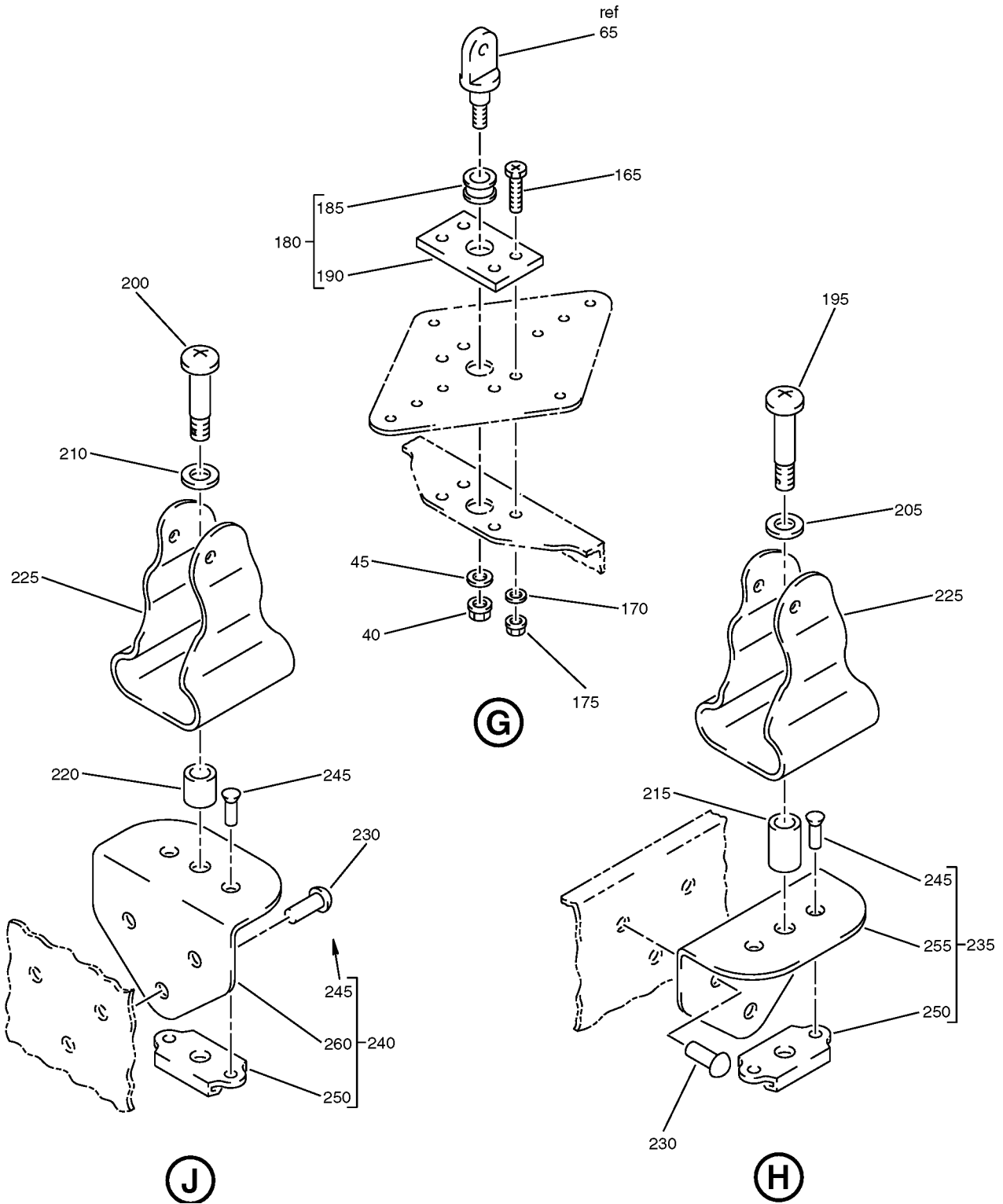
COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 4 of 17)

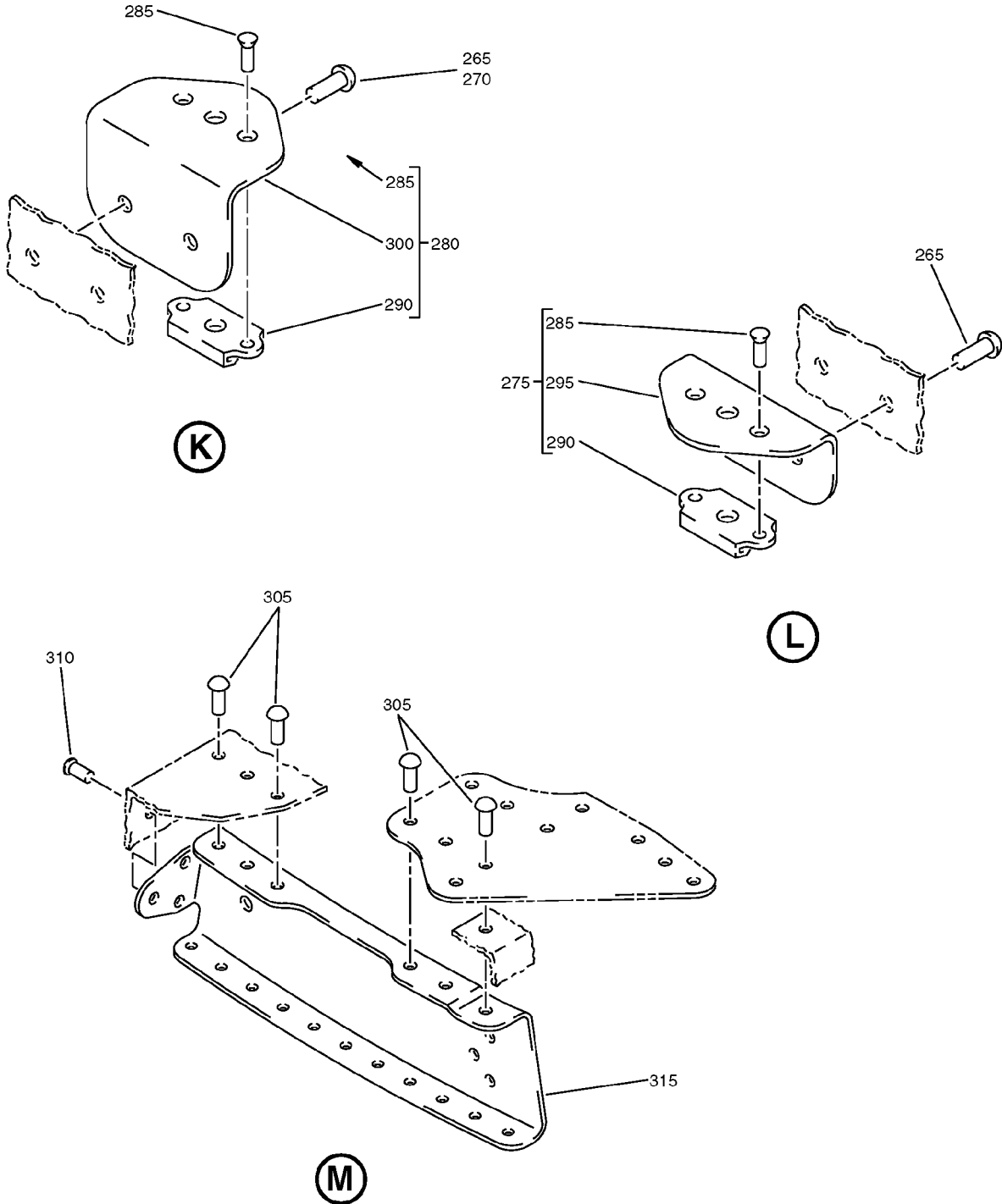


COMPONENT MAINTENANCE MANUAL



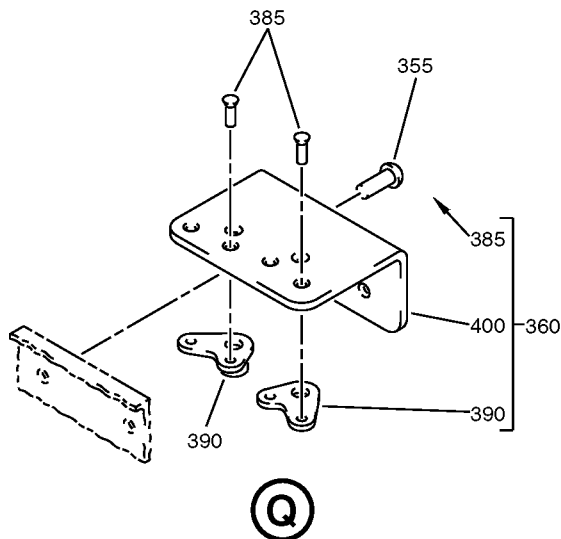
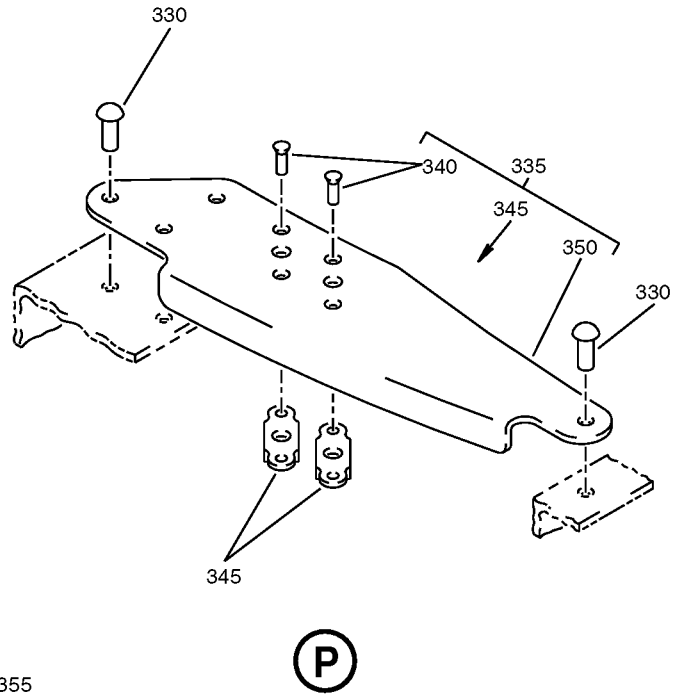
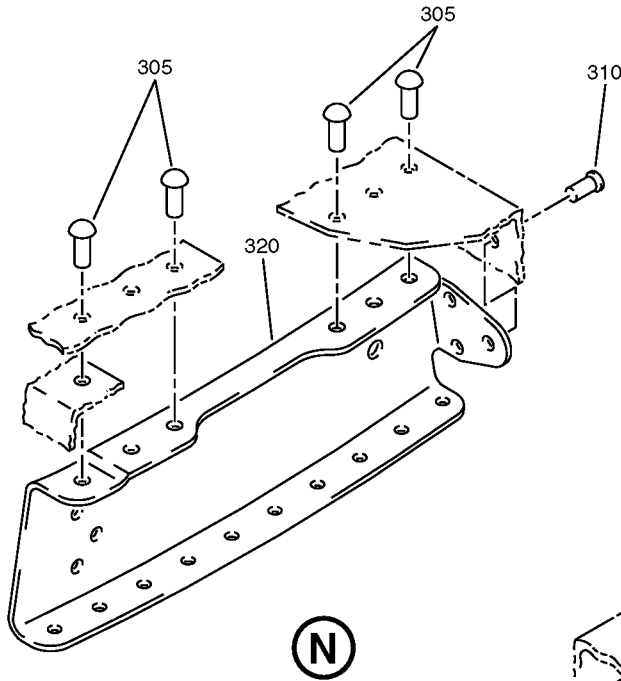
Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 5 of 17)

COMPONENT MAINTENANCE MANUAL



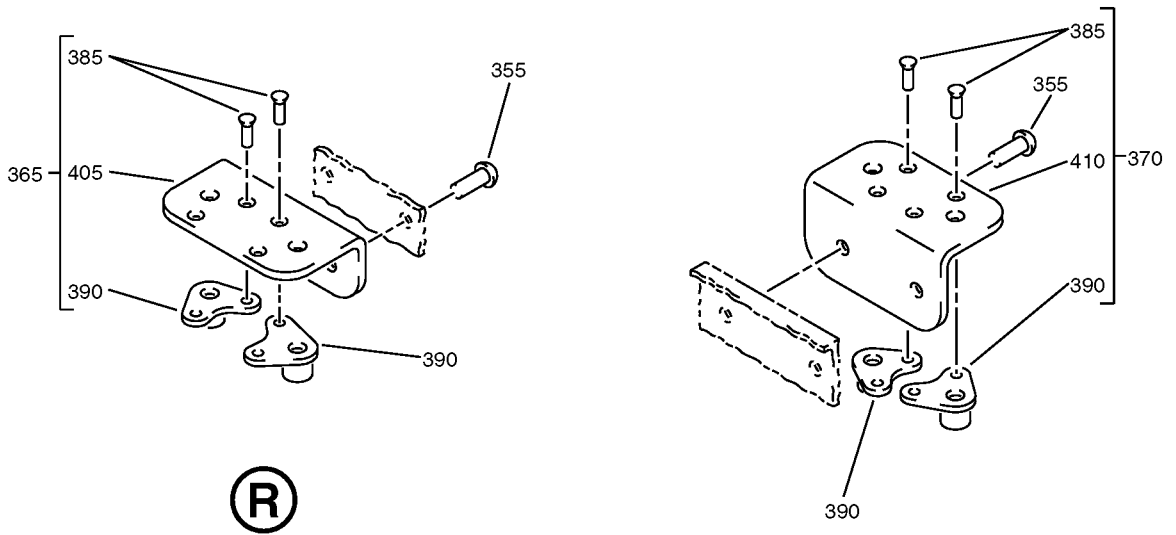
Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 6 of 17)

COMPONENT MAINTENANCE MANUAL

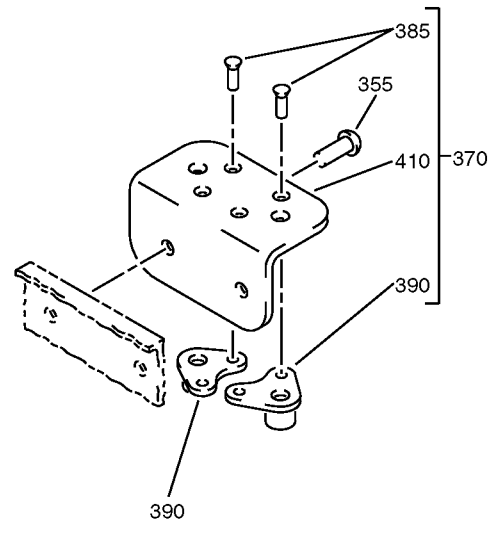


Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 7 of 17)

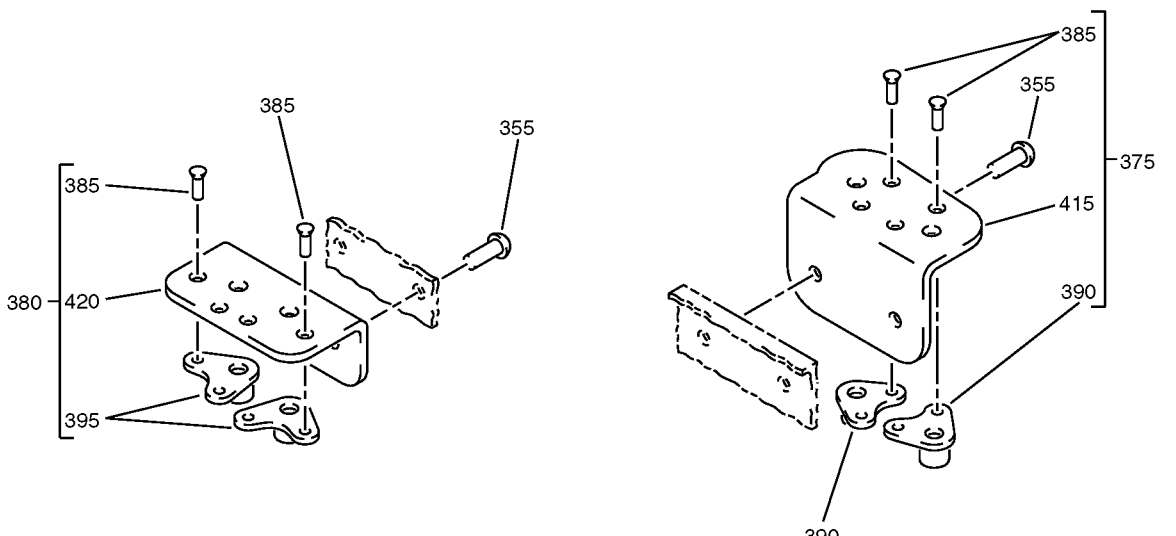
COMPONENT MAINTENANCE MANUAL



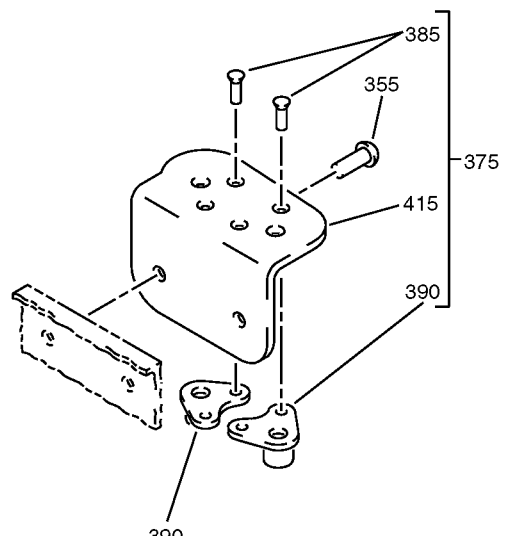
(R)



(S)



(U)

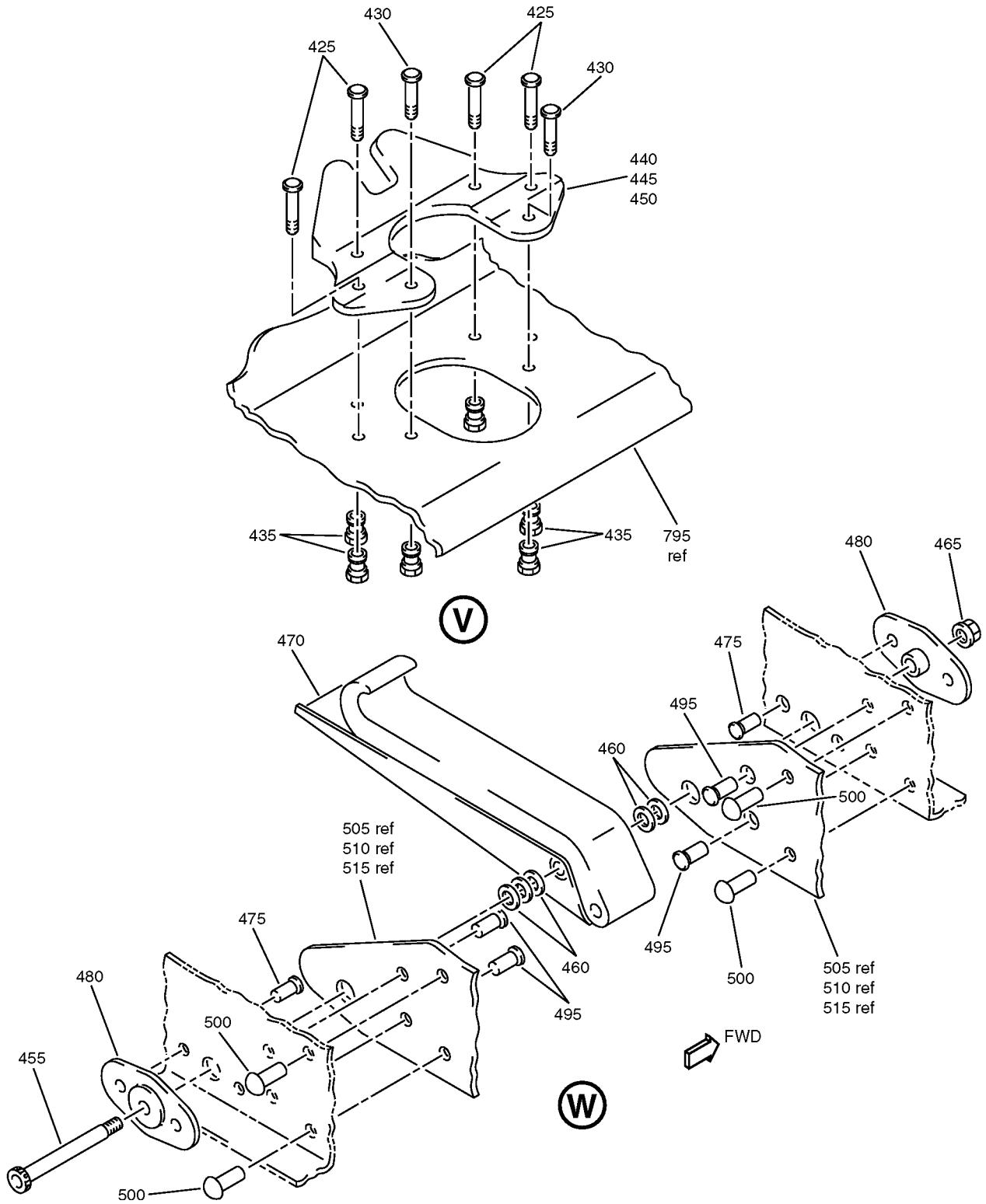


(T)

Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 8 of 17)

**52-46-12**  
ILLUSTRATED PARTS LIST  
Page 1098.1  
Nov 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 9 of 17)

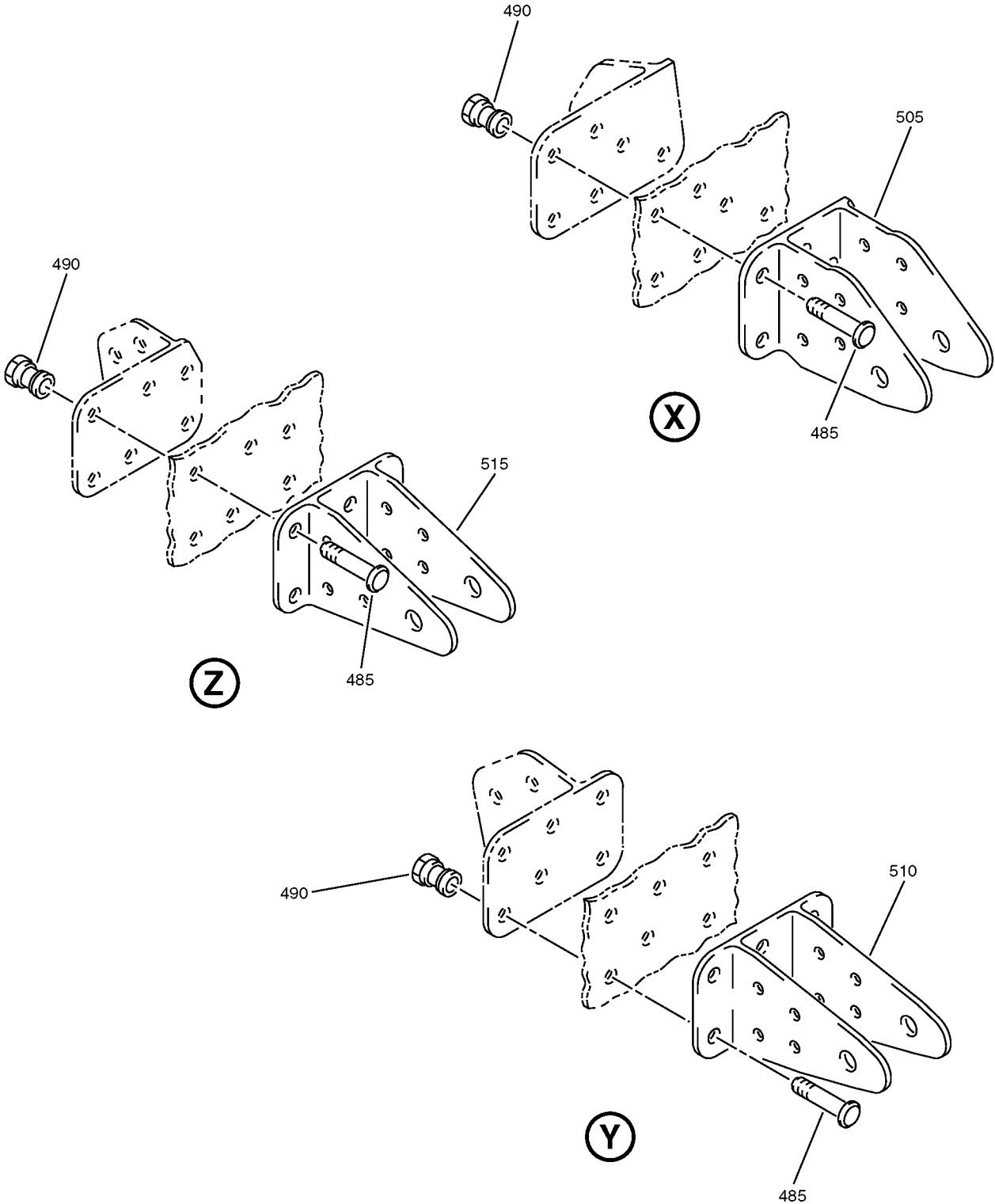
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1098.2

Nov 01/2006

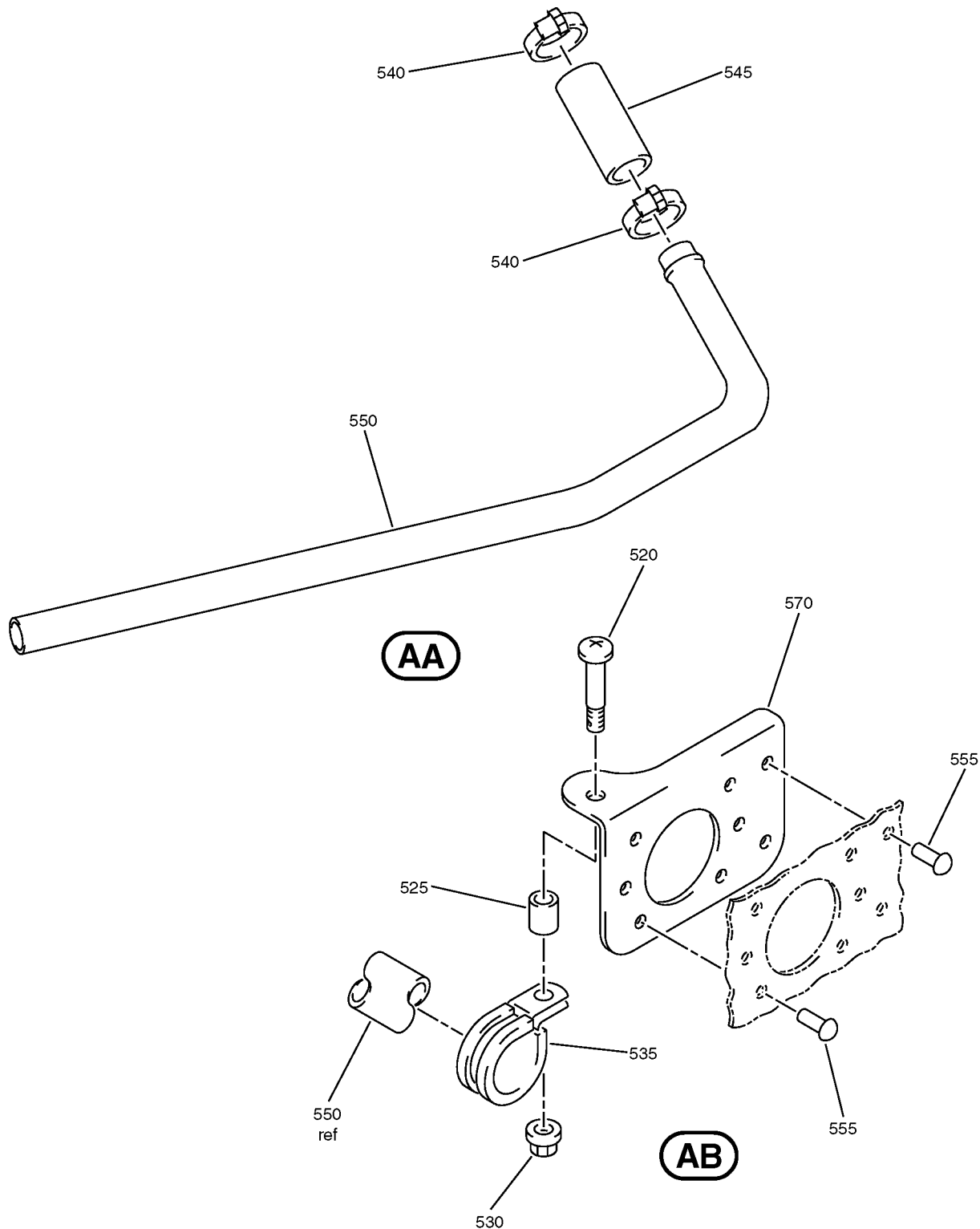
COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 10 of 17)

**52-46-12**  
ILLUSTRATED PARTS LIST  
Page 1098.3  
Nov 01/2006

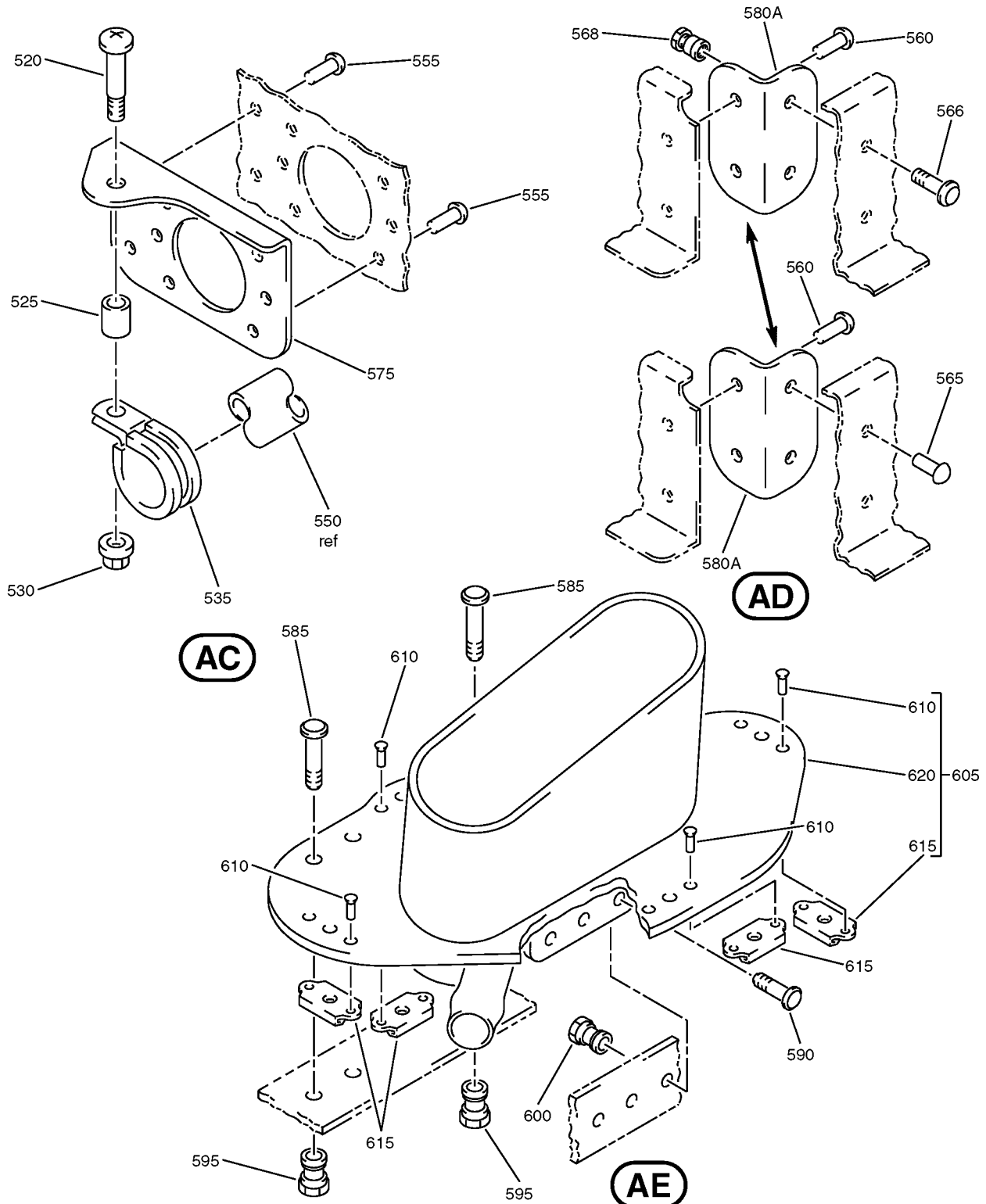
COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 11 of 17)

**52-46-12**  
ILLUSTRATED PARTS LIST  
Page 1098.4  
Nov 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 12 of 17)

**52-46-12**

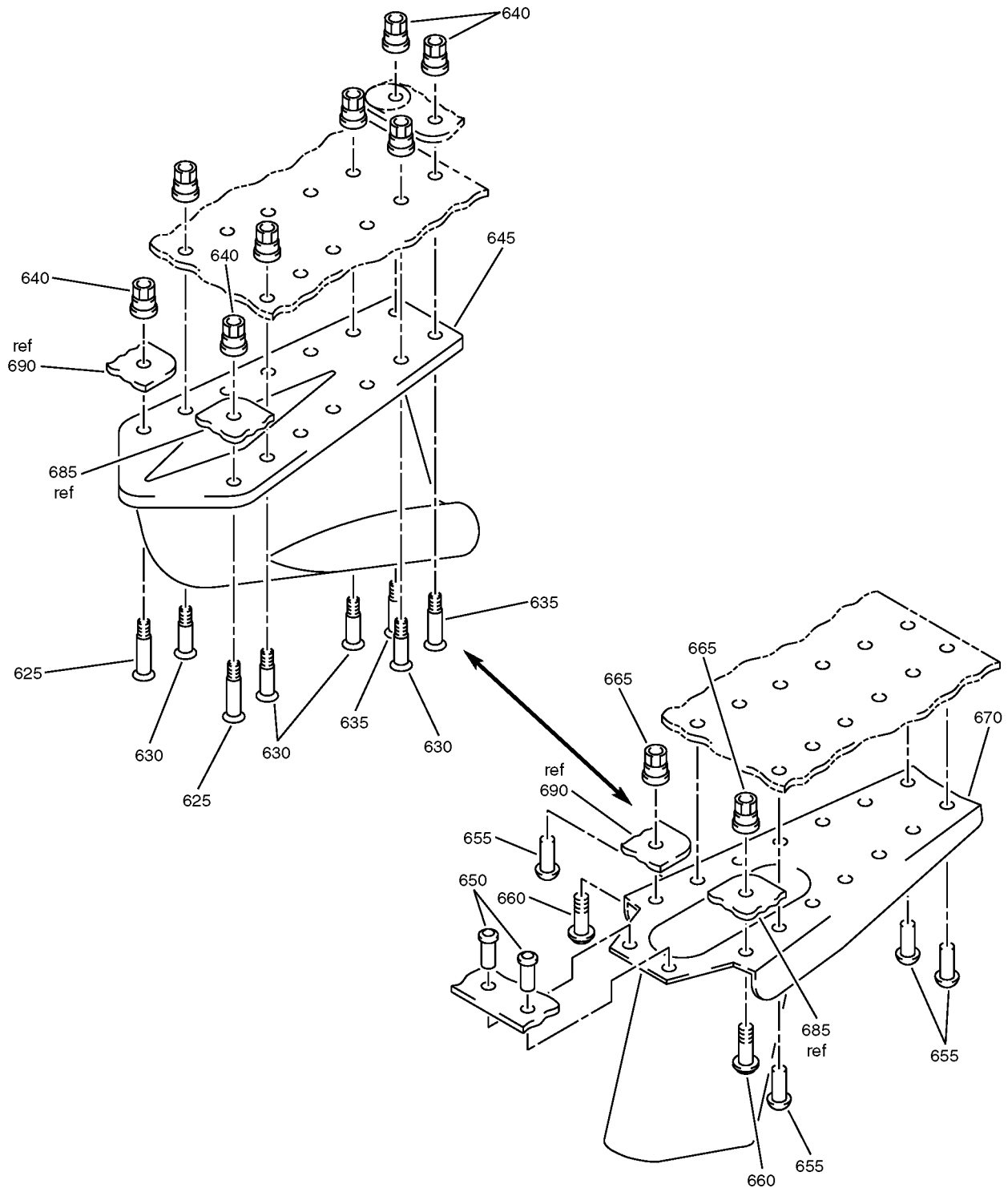
ILLUSTRATED PARTS LIST

Page 1098.5

Nov 01/2006



COMPONENT MAINTENANCE MANUAL



**AF**

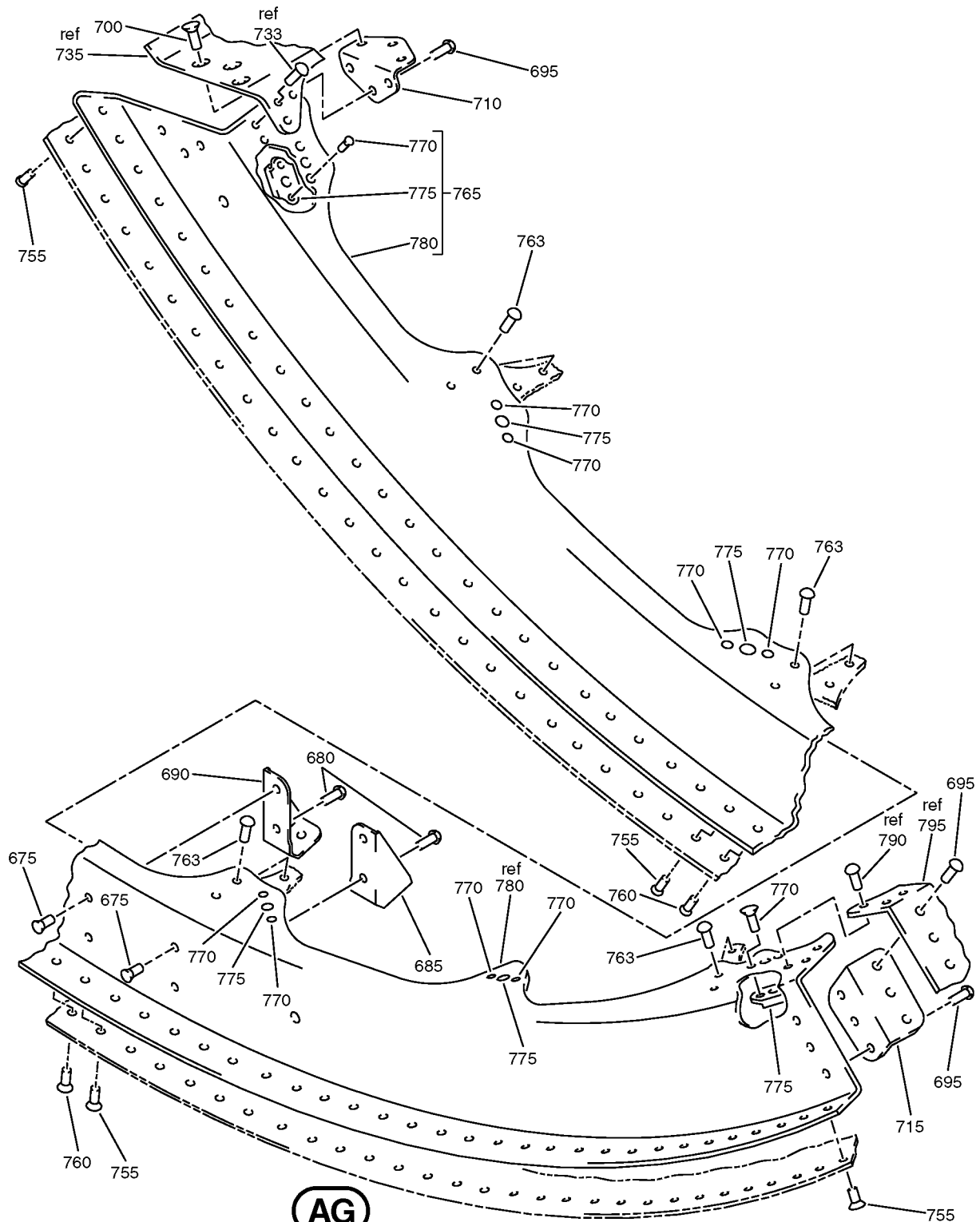
Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 13 of 17)

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1098.6

Nov 01/2006

**COMPONENT MAINTENANCE MANUAL**


**AG**  
 Auxiliary Power Unit Door Assembly  
 IPL Figure 3 (Sheet 14 of 17)

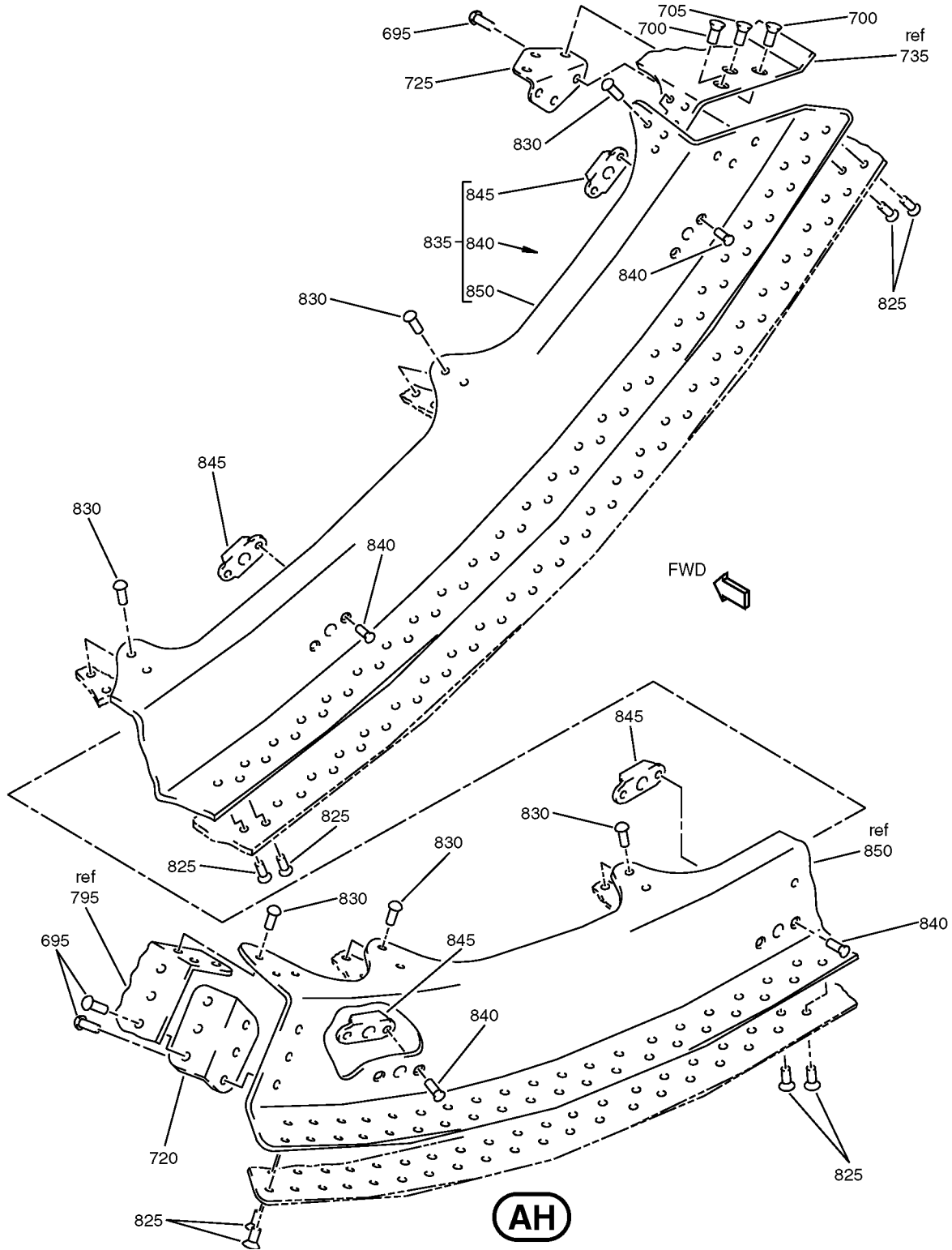
# 52-46-12

ILLUSTRATED PARTS LIST

Page 1098.7

Nov 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 15 of 17)

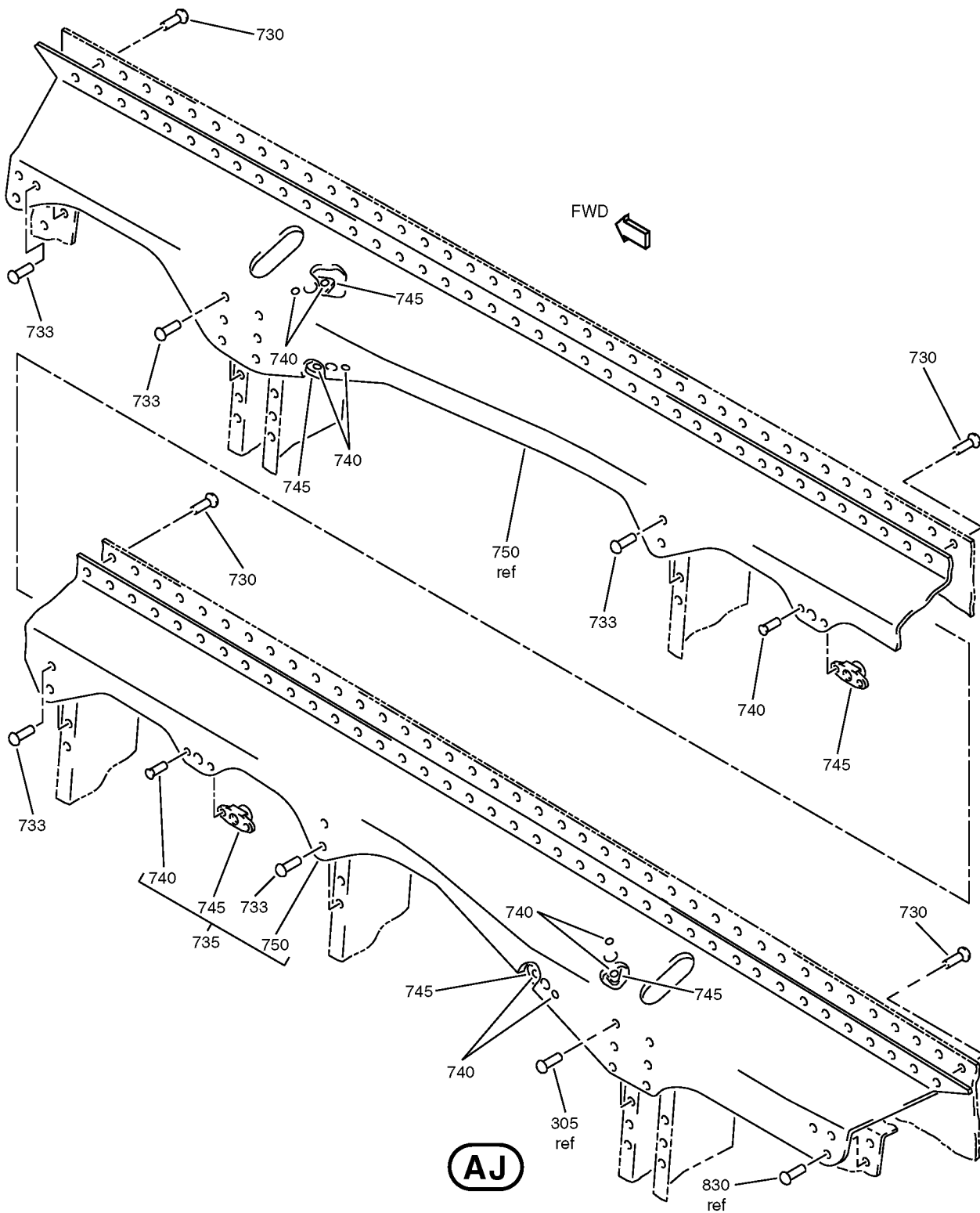
**52-46-12**

ILLUSTRATED PARTS LIST

Page 1098.8

Nov 01/2006

### COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 16 of 17)

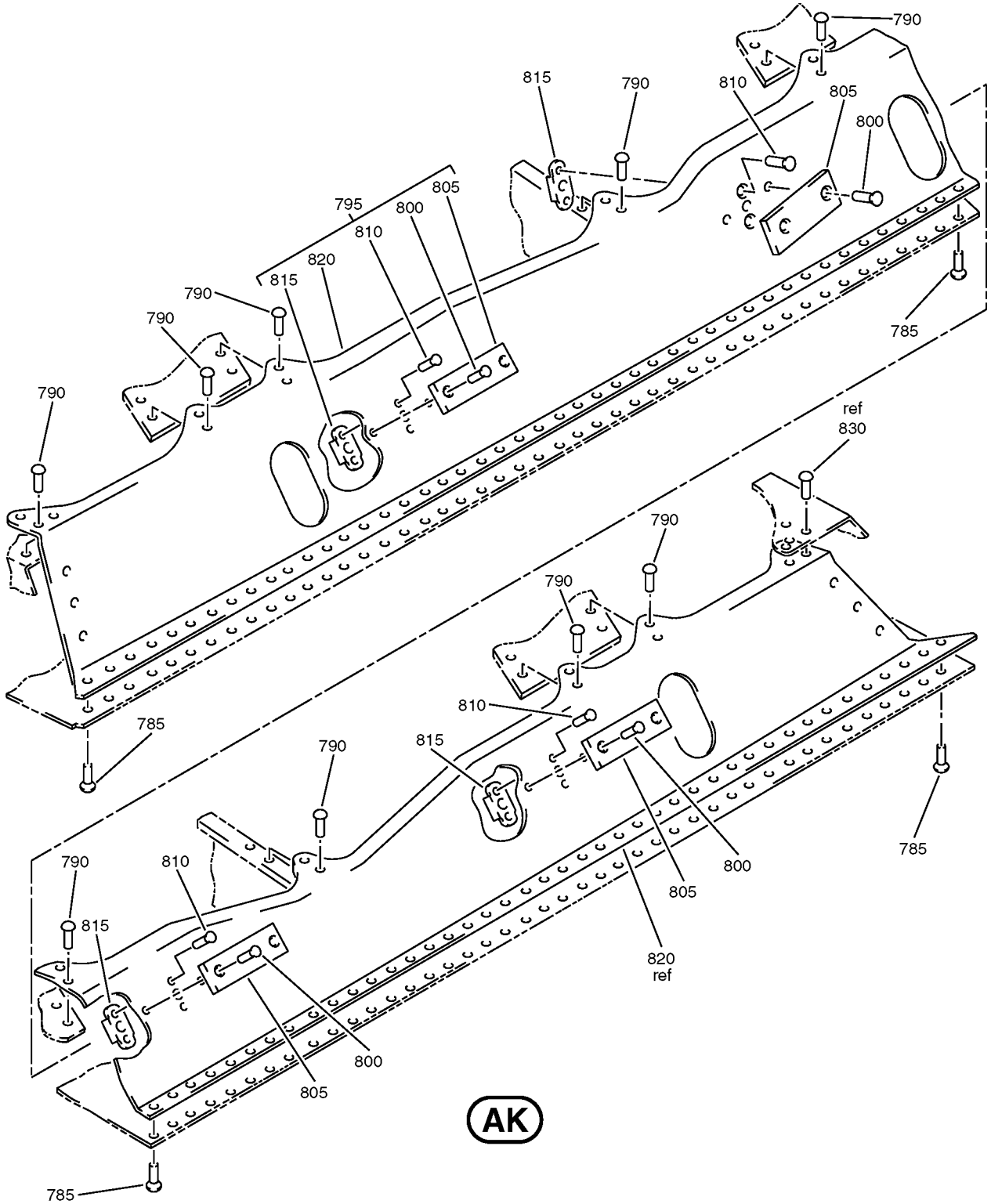
# 52-46-12

ILLUSTRATED PARTS LIST

Page 1098.9

Nov 01/2006

COMPONENT MAINTENANCE MANUAL



Auxiliary Power Unit Door Assembly  
IPL Figure 3 (Sheet 17 of 17)

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1098.10

Nov 01/2006



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
3-											
-1A	148A6350-52									U	RF
-1B	148A6350-54									V	RF
-1C	148A6350-56									W	RF
-1D	148A6350-58									X	RF
-1E	148A6350-60									Y	RF
-1F	148A6350-61									Z	RF
-1G	148A6350-62									AA	RF
-1H	148A6350-63									AB	RF
-1J	148A6350-64									AC	RF
5	BACB30NM4K16									U-AC	4
10	NAS1149E0416P									U-AC	4
15	NAS1149D0463J									U-AC	2
20	148A6354-163									U-AC	2
25	H52732-4CD									U-AC	4
30	148A6354-153									U-AC	1
35	148A6354-154									U-AC	1
40	H52732-4CD									U-AC	2
45	NAS1149D0716J									U-AC	1
50	NAS1149D0716P									U, X, Y, AB, AC	1
-50A	NAS1149D0716J									V, W, Z, AA	1
55	3502-18-04-4102										
60	148A6352-7									U-AC	1
65	148A6352-8									U-AC	1
70	BACP18BC02A06P									U-AC	1
75	NAS6704D7									U-AC	1

-Item not Illustrated

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1098.11

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
3-											
80	NAS1149D0416J		.	.	WASHER					U-AC	2
85	BACN10JD4CD		.	.	NUT					U-AC	1
90	148A6352-5		.	.	BOLT-EYE (USED ON ITEM 60)					U-AC	1
95	66-23351-3		.	.	BOLT-EYE (USED ON ITEM 65)					U-AC	1
100	HST10AG5-12		.	.	BOLT (V0PTK6) (SPEC BACB30VT5K12) (OPT HST10AG5-12 (V06725)) (OPT HST10AG5-12 (V56878)) (OPT HST10AG5-12 (V73197)) (USED ON ITEM 60)					U-AC	4
105	HST79CY5		.	.	COLLAR (V73197) (SPEC BACC30BL5) (OPT HST79-5 (V92215)) (OPT HST79CY5 (V56878)) (OPT HST79CY5 (V5M902)) (USED ON ITEM 60)					U-AC	4
110	HST10AG5-12		.	.	BOLT (V0PTK6) (SPEC BACB30VT5K12) (OPT HST10AG5-12 (V06725)) (OPT HST10AG5-12 (V56878)) (OPT HST10AG5-12 (V73197)) (USED ON ITEM 65)					U-AC	4
115	HST79CY5		.	.	COLLAR (V73197) (SPEC BACC30BL5) (OPT HST79-5 (V92215)) (OPT HST79CY5 (V56878)) (OPT HST79CY5 (V5M902)) (USED ON ITEM 65)					U-AC	4
120	63-2892-2		.	.	END-ROD					U-AC	1
125	148A6352-9		.	.	END ASSY-ROD					U-AC	1
130	NUMBER2		.	.	PIN-COWL (V56110) (OPT ITEM 130A)					U-AC	1
-130A	KCS2035		.	.	PIN-COWL (V56110) (OPT ITEM 130)					U-AC	1

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1098.12

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
3-											
135	MS51844-62		. . .					SLEEVE		U-AC	1
140	148A6352-10		. . .					CABLE		U-AC	1
145	BA3-2		. . .					TERMINAL (V65196) (SPEC BACT14B2) (OPT HT200-2 (V83014)) (OPT RA2487-2 (V80523)) (OPT HI2487-2 (V26590)) (OPT 8-04056-2 (V11328)) (OPT BM2487-2 (V22277))		U-AC	1
150	69-20293-1		. . .					END		U-AC	1
155	148A6352-4		. .					TUBE (USED ON ITEM 60)		U-AC	1
160	148A6352-3		. .					TUBE (USED ON ITEM 65)		U-AC	1
165	BACS12GU3K9		.					SCREW		U-AC	8
170	NAS1149E0316P		.					WASHER		U-AC	8
175	H52732-3CD		.					NUT (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))		U-AC	8
180	148A6355-164		.					PLATE ASSY		U-AC	2
185	BACB28B5-335P		. .					BUSHING		U-AC	1
190	148A6355-122		. .					PLATE		U-AC	1
195	BACB30NT3K13		.					BOLT		U-AC	1
200	BACB30NT3K9		.					BOLT		U-AC	1
205	NAS1149E0316J		.					WASHER		U, X, Y, AB, AC	1
-205A	NAS1149E0316P		.					WASHER		V, W, Z, AA	1
210	NAS1149E0316P		.					WASHER		U-AC	1
215	BACS18K10-44W		.					SPACER		U-AC	1
220	BACS18K10-28W		.					SPACER		U-AC	1
225	148A6355-198		.					CLIP		U-AC	2
230	BACR15FT6D		.					RIVET (SIZE DETERMINED ON INST)		U-AC	6

-Item not illustrated

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1098.13

Mar 01/2009





## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
3-											
235	148A6355-146		.							U-AC	1
240	148A6355-147		.							U-AC	1
245	BACR15BA3AD		.	.						U-AC	2
250	102F171-3		.	.						U-AC	1
255	148A6355-69		.	.						U-AC	1
260	148A6355-130		.	.						U-AC	1
265	BACR15FT6D		.							U-AC	12
270	BACR15FT5D		.							U-AC	8
275	148A6355-144		.							U-AC	4
280	148A6355-145		.							U-AC	6
285	BACR15BA3AD		.	.						U-AC	2
290	102F171-3		.	.						U-AC	1
295	148A6355-132		.	.						U-AC	1
300	148A6355-133		.	.						U-AC	1
305	BACR15FT6D		.							U-AC	12
310	BACR15GF6D		.							U-AC	6
315	148A6354-167		.							U-AC	1
320	148A6354-168		.							U-AC	1

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1098.14

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
3-											
325	148A6354-168										
330	BACR15FT6D									U-AC	4
335	148A6355-148									U-AC	1
340	BACR15BA3AD									U-AC	4
345	102F171-3									U-AC	2
350	148A6355-98									U-AC	1
355	BACR15FT6D									U-AC	10
360	148A6355-194									U-AC	1
365	148A6355-117									U-AC	1
370	148A6355-118									U-AC	1
375	148A6355-174									U-AC	1
380	148A6355-151									U-AC	1
385	BACR15BA3AD									U-AC	4
390	BR3000C3D									U-AC	2
395	BR3000C4D									U-AC	2
400	148A6355-150									U-AC	1
405	148A6355-140									U-AC	1

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1098.15

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
3-											
410	148A6355-141		.	.	BRACKET (USED ON ITEM 370)					U-AC	1
415	148A6355-175		.	.	BRACKET (USED ON ITEM 375)					U-AC	1
420	148A6355-152		.	.	BRACKET (USED ON ITEM 380)					U-AC	1
425	HST10AG6-5		.		BOLT (V0PTK6) (SPEC BACB30VT6K5) (OPT HST10AG6-5 (V06725)) (OPT HST10AG6-5 (V56878)) (OPT HST10AG6-5 (V73197))					U-AC	12
430	HST10AG6-4		.		BOLT (V06725) (SPEC BACB30VT6K4) (OPT HST10AG6-4 (V73197)) (OPT HST10AG6-4 (V56878)) (OPT HST10AG6-4 (V0PTK6))					U-AC	6
435	HST79CY6		.		COLLAR (V73197) (SPEC BACC30BL6) (OPT HST79-6 (V92215)) (OPT HST79CY6 (V56878)) (OPT HST79CY6 (V5M902))					U-AC	18
440	148A6355-200		.		STOP-LATCH					U-AC	1
445	148A6355-201		.		STOP-LATCH					U-AC	1
450	148A6355-202		.		STOP-LATCH					U-AC	1
455	BACB30NM3K29		.		BOLT					U-AC	3
460	BACW10BP3NDP		.		WASHER					U-AC	15
465	H52732-3CD		.		NUT (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))					U-AC	3
470	H888-1		.		LATCH ASSY (V83014)					U-AC	3
475	BACR15GF5D		.		RIVET (SIZE DETERMINED ON INST)					U-AC	12
480	69-36658-2		.		BEARING					U-AC	6

-Item not Illustrated

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1098.16

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
3- 485	HST10AG6-5		. BOLT (V0PTK6) (SPEC BACB30VT6K5) (OPT HST10AG6-5 (V06725)) (OPT HST10AG6-5 (V56878)) (OPT HST10AG6-5 (V73197))	U-AC	18
490	HST79CY6		. COLLAR (V73197) (SPEC BACC30BL6) (OPT HST79-6 (V92215)) (OPT HST79CY6 (V56878)) (OPT HST79CY6 (V5M902))	U-AC	18
495	BACR15GF6D		. RIVET (SIZE DETERMINED ON INST)	U-AC	12
500	BACR15FT6D		. RIVET (SIZE DETERMINED ON INST)	U-AC	12
505	148A6355-173		. FITTING-FWD LATCH PI	U-AC	1
510	148A6355-166		. FITTING-FWD LATCH PI	U-AC	1
515	148A6355-167		. FITTING-FWD LATCH PI	U-AC	1
520	BACB30LK3-11		. BOLT	U-AC	2
525	NAS43DD3-36FC		. SPACER	U-AC	2
530	BACN10YT3CD		. NUT	U-AC	2
535	MS21919WCJ10		. CLAMP	U-AC	2
540	BACC10JB022C030		. CLAMP	U-AC	2
545	306-10-0030		. HOSE (V00624)	U-AC	1
550	148A6345-3		. TUBE	U-AC	1
555	BACR15FT5D		. RIVET (SIZE DETERMINED ON INST)	U-AC	16
560	BACR15FT6D		. RIVET (SIZE DETERMINED ON INST)	U-AC	2
565	BACR15FT6D		. RIVET (SIZE DETERMINED ON INST)	U, X, Y, AB, AC	2
-565A	BACR15FT6D6		DELETED		

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1098.17

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY	
			1	2	3	4	5	6	7			
3- 566	HST10AG6-2		.	BOLT							V, W, Z, AA	2
				(V0PTK6)								
				(SPEC BACB30VT6K2)								
				(OPT HST10AG6-2 (V06725))								
				(OPT HST10AG6-2 (V56878))								
				(OPT HST10AG6-2 (V73197))								
568	HST79CY6		.	COLLAR							V, W, Z, AA	2
				(V73197)								
				(SPEC BACC30BL6)								
				(OPT HST79-6 (V92215))								
				(OPT HST79CY6 (V56878))								
				(OPT HST79CY6 (V5M902))								
570	148A6354-161		.	BRACKET							U-AC	1
575	148A6354-160		.	BRACKET							U-AC	1
580	148A6354-179			DELETED								
580A	148A6355-179		.	BRACKET							U-AC	1
585	HST10AG6-2		.	BOLT							U, X, Y, AB, AC	3
				(V0PTK6)								
				(SPEC BACB30VT6K2)								
				(OPT HST10AG6-2 (V06725))								
				(OPT HST10AG6-2 (V56878))								
				(OPT HST10AG6-2 (V73197))								
-585A	HST10AG6-4		.	BOLT							V, W, Z, AA	3
				(V06725)								
				(SPEC BACB30VT6K4)								
				(OPT HST10AG6-4 (V73197))								
				(OPT HST10AG6-4 (V56878))								
				(OPT HST10AG6-4 (V0PTK6))								
590	HST10AG5-2		.	BOLT							U, X, Y, AB, AC	3
				(V0PTK6)								
				(SPEC BACB30VT5K2)								
				(OPT HST10AG5-2 (V06725))								
				(OPT HST10AG5-2 (V56878))								
				(OPT HST10AG5-2 (V73197))								
-590A	HST10AG5-4		.	BOLT							V, W, Z, AA	3
				(V0PTK6)								
				(SPEC BACB30VT5K4)								
				(OPT HST10AG5-4 (V06725))								
				(OPT HST10AG5-4 (V56878))								
				(OPT HST10AG5-4 (V73197))								

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1098.18

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY	
			1	2	3	4	5	6	7			
3- 595	HST79CY6		.								U-AC	3
600	HST79CY5		.								U-AC	3
605	148A6395-13		.								U-AC	1
610	MS20427M3C		.	.							U-AC	8
615	102F171-3		.	.							U-AC	4
620	148A6395-14		.	.							U-AC	1
625	HL13VAZ5-2		.								U	2
-625A	BACB30NX5K5		.								X, Y, AB, AC	2

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1098.19

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE	USAGE CODE	UNITS PER ASSY
3- 630	HL13VAZ5-4		. BOLT (V56878) (SPEC BACB30NY5K4) (OPT HL13VAZ5-4 (V73197)) (OPT HL13VAZ5-4 (V92215)) (OPT HL13VAZ5-4 (V97928)) (OPT L801-5K4 (V06725)) (OPT HL13VAZ5-4 (V60516)) (OPT L801-5K4 (V0PTK6)) (OPT HL13VAZ5-4 (V17446))	U	10
-630A	BACB30NX5K4		. BOLT	X, Y, AB, AC	10
635	HL13VAZ5-5		. BOLT (V56878) (SPEC BACB30NY5K5) (OPT HL13VAZ5-5 (V73197)) (OPT HL13VAZ5-5 (V92215)) (OPT HL13VAZ5-5 (V97928)) (OPT L801-5K5 (V06725)) (OPT HL13VAZ5-5 (V60516)) (OPT L801-5K5 (V0PTK6)) (OPT HL13VAZ5-5 (V17446))	U	2
-635A	BACB30NX5K4		. BOLT	X, Y, AB, AC	2
640	HL1087-5		. COLLAR (V73197) (SPEC BACC30BH5) (OPT HL1087-5 (V56878)) (OPT HL1087-5 (V9N513))	U, X, Y, AB, AC	14
645	354A4070-2		. MAST-DRAIN	U	1
-645A	354A4070-8		. MAST-DRAIN	X, Y, AB, AC	1
650	BACR15GF5D		. RIVET (SIZE DETERMINED ON INST)	V, W, Z, AA	2
655	BACR15FT5D		. RIVET (SIZE DETERMINED ON INST)	V, W, Z, AA	12

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1098.20

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY	
			1	2	3	4	5	6	7			
3- 660	HL1012AZ5-6		.	BOLT (V97928) (SPEC BACB30NX5K6) (OPT HL12VAZ5-6 (V73197)) (OPT HL12VAZ5-6 (V92215)) (OPT HL12VAZ5-6 (V97928)) (OPT L802-5K6 (V06725)) (OPT HL12VAZ5-6 (V56878)) (OPT HL1012AZ5-6 (V0PTK6)) (OPT HL1012AZ5-6 (V06725)) (OPT HL1012AZ5-6 (V06950)) (OPT HL1012AZ5-6 (V17446)) (OPT HL1012AZ5-6 (V56878)) (OPT HL1012AZ5-6 (V60516)) (OPT HL1012AZ5-6 (V73197))							V, W, Z, AA	2
665	HL1087-6		.	COLLAR (V73197) (SPEC BACC30BH6) (OPT HL1087-6 (V56878)) (OPT HL1087-6 (V92215)) (OPT HL1087-6 (V9N513))							V, W, Z, AA	2
670	148A6356-20		.	TUBE-DROP							V, W, Z, AA	1
675	BACR15GF5D		.	RIVET (SIZE DETERMINED ON INST)							U-AC	2
680	BACR15FT5D		.	RIVET (SIZE DETERMINED ON INST)							U-AC	2
685	148A6355-191		.	FITTING							U-AC	1
690	148A6355-192		.	FITTING							U-AC	1
695	BACR15FT6D		.	RIVET (SIZE DETERMINED ON INST)							U-AC	18
700	BACR15GF6D		.	RIVET (SIZE DETERMINED ON INST)							U, X, Y, AB, AC	5
705	BACR15GF6D		.	RIVET (SIZE DETERMINED ON INST)							U-AC	1
710	148A6355-136		.	CLIP							U-AC	1
715	148A6355-171		.	CLIP							U-AC	1
720	148A6355-172		.	CLIP							U-AC	1
725	148A6355-154		.	CLIP							U-AC	1

-Item not Illustrated

**52-46-12**

ILLUSTRATED PARTS LIST

Page 1098.21

Mar 01/2009





## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
3-											
730	BACR15GF5D		.							U-AC	78
733	BACR15FT6D		.							U-AC	15
735	148A6353-88		.							U-AC	1
740	BACR15BA3AD		.	.						U-AC	12
745	102F171-3		.	.						U-AC	6
750	148A6353-89		.	.						U-AC	1
755	BACR15GF5D		.							U-AC	53
760	BACR15GF5D		.							U, X, Y, AB, AC	2
763	BACR15FT6D		.							U-AC	8
765	148A6353-86		.							U-AC	1
770	BACR15BA3AD		.	.						U-AC	12
775	102F171-3		.	.						U-AC	6
780	148A6353-87		.	.						U-AC	1
785	BACR15GF5D		.							U-AC	88
790	BACR15FT6D		.							U-AC	19
795	148A6354-169		.							U-AC	1
800	BACR15GF6D		.	.						U-AC	8
805	BACF3F007T022NN		.	.						U-AC	4

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1098.22

Mar 01/2009



## COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
3-											
810	BACR15BA5ADC		.	.	RIVET (SIZE DETERMINED ON INST)					U-AC	8
815	102F171-3		.	.	NUTPLATE (V72962) (SPEC BACN10JB3CD) (OPT BRF210C3D (V52828)) (OPT BRF2703D (V52828)) (OPT NS202485-02 (V80539))					U-AC	4
820	148A6354-170		.	.	ZEE					U-AC	1
825	BACR15GF5D		.	.	RIVET (SIZE DETERMINED ON INST)					U-AC	87
830	BACR15FT6D		.	.	RIVET (SIZE DETERMINED ON INST)					U-AC	14
835	148A6354-145		.	.	FRAME ASSY					U-AC	1
840	BACR15BA3AD		.	.	RIVET (SIZE DETERMINED ON INST)					U-AC	8
845	102F171-3		.	.	NUTPLATE (V72962) (SPEC BACN10JB3CD) (OPT BRF210C3D (V52828)) (OPT BRF2703D (V52828)) (OPT NS202485-02 (V80539))					U-AC	4
850	148A6354-146		.	.	FRAME					U-AC	1

-Item not Illustrated

# 52-46-12

ILLUSTRATED PARTS LIST

Page 1098.23

Mar 01/2009