



COMPONENT MAINTENANCE MANUAL WITH ILLUSTRATED PARTS LIST

MAIN GEAR CUSTOMER END ITEM

PART NUMBER

**001A6103-1, -10, -11, -12, -13, -14, -15, -16, -17, -18,
-19, -2, -20, -21, -22, -23, -24, -25, -26, -27, -28, -29,
-3, -30, -31, -32, -33, -34, -4, -5, -6, -7, -8, -9**

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32-11-16

**COMPONENT MAINTENANCE MANUAL**

Revision No. 14
Jul 01/2009

To: All holders of MAIN GEAR CUSTOMER END ITEM 32-11-16.

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.

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TRANSMITTAL LETTER

Page 1

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**COMPONENT MAINTENANCE MANUAL****Location of Change**

32-11-16

DESCRIPTION AND
OPERATION
ASSEMBLY**Description of Change**

Added some details of the Brake Temperature Monitoring System (BTMS).

Changed the data in the Consumable Materials list.

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HIGHLIGHTS

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

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1098.13	Mar 01/2007				
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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.

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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.

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INTRODUCTION

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MAIN LANDING GEAR CUSTOMER END ITEM - DESCRIPTION AND OPERATION

1. Description

- I A. The Main Landing Gear Customer End Item starts with the main landing gear component assembly
- I and adds hydraulic plumbing, hoses, brackets, electrical sensors, junction boxes and wire harnesses.

2. Operation

- I A. The component assembly is the primary structure of the main landing gear. The landing gear
- I absorbs loads when the airplane is landing, taxiing and on the ground. The hydraulic plumbing and
- I hose installations supply hydraulic fluid to operate the landing gear. The electrical sensors and
- I installations provide electronic input and output to the wire harness cockpit for positioning and
- I control of the landing gear and, in some cases, to monitor the temperature of the brakes.

3. Leading Particulars (Approximate)

- A. Length – 32 inches
- B. Width – 41 inches
- C. Height – 70 inches
- D. Weight – 500 pounds

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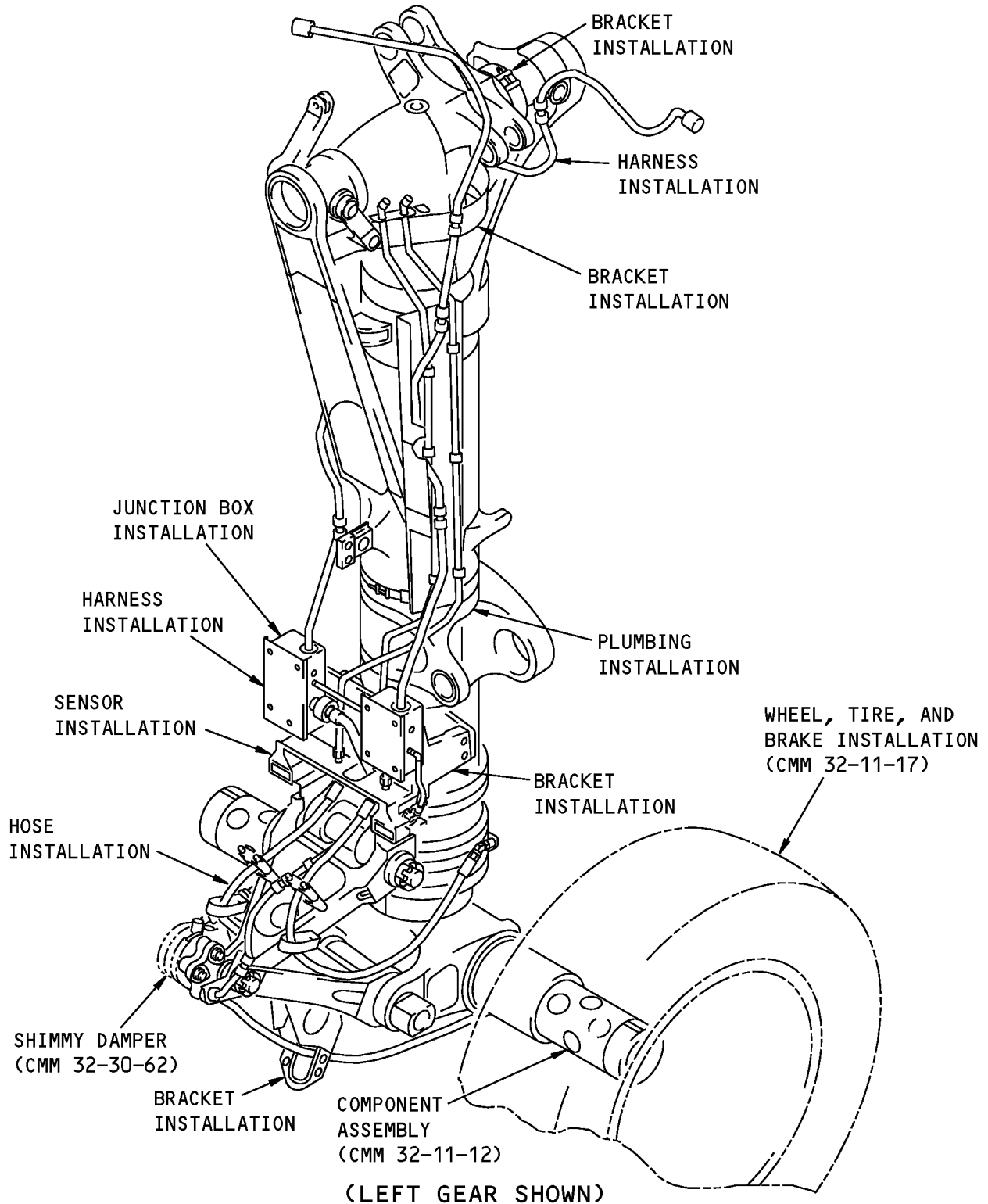
DESCRIPTION AND OPERATION

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Main Landing Gear Customer End Item
Figure 1

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DESCRIPTION AND OPERATION

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TESTING AND FAULT ISOLATION

1. General

- A. This procedure tells how to do a test of the electrical items after an overhaul or for fault isolation.
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.
- C. Refer to IPL Figure 1 for item numbers.

2. Testing and Fault Isolation

A. Special Tools

NOTE: Equivalent substitutes can be used.

- (1) Main landing gear holding fixture – C32037-1

B. References

- (1) BAC5154, In-Process Electrical Testing

C. Procedure (TESTING AND FAULT ISOLATION, Figure 101)

- (1) To make access to components easier, put the main landing gear unit in the holding fixture.
- (2) For the connector noted by flagnote 1, do the Shock Strut Wire Bundle Test (Wiring with Connectors). Before you attach the junction box cover, do the following test per BAC 5154 Level 1 (Wiring with Connectors) unless shown differently.

- (a) Make note of cautions, current, voltage, pin number restrictions.

- (b) The aircraft connector is defined as:

- 1) D46004P, D46006P, D46014P or D46016P

- (c) The antiskid connector is defined as:

- 1) D11120, D11122, D11124 or D11126

- (d) Test the connectors in the following pairs:

CAUTION: APPLY CONTINUITY TEST TO THE ABOVE CONNECTOR PIN PAIRS LISTED ONLY. 0.5 MILLIAMPER MAXIMUM TEST IS ACCEPTABLE.

- 1) D46004P-D11120, D46006P-D11122, D46014P-D11126 or D46016P-D11124

- (e) Test the continuity between the airplane connector and antiskid connector.

- 1) Airplane connector pin 1 to antiskid connector pin 1.

- 2) Airplane connector pin 3 to antiskid connector pin 3.

- (f) Test the insulation resistance between pin 1 thru pin 4 of the airplane connector and its connector shell. Apply the insulation resistance test between:

- 1) Pins 1, 2, and 3 to pin 4;

- 2) Pins 1 and 2 to pin 3;

- 3) Pin 1 to pin 2.

CAUTION: APPLY THE INSULATION RESISTANCE TEST TO THE FOUR PINS NOTED ABOVE AND THE AIRPLANE CONNECTOR SHELL ONLY. THE PINS NOT LISTED ABOVE SHOULD NOT BE INSULATION RESISTANCE TESTED.

- (g) Test the airplane connector resistance.

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TESTING AND FAULT ISOLATION

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- 1) Airplane connector pin 5 to pin 7, 20-40 ohms.
- 2) Airplane connector pin 6 to pin 7, 330-366 ohms.

CAUTION: APPLY THIS CAPACITANCE TEST ONLY TO THE PINS NOTED BELOW.

- (h) Test the capacitance of the dead-ended shield (BAC5154 Level 2).
 - 1) The capacitance between airplane connector pin 1 and pin 2 to pin 3 can be measured with ac or dc.
- (3) For the connector noted by flagnote 2, do the side strut wire bundle test (pin to pin resistance).
 - (a) Test the pin to pin resistance per BAC 5154 Level 2 (wiring with connectors):
 - 1) The airplane connector is defined as D46002P, D46008P, D46012P or D46018P.

CAUTION: APPLY THIS RESISTANCE TEST ONLY TO THE PINS NOTED BELOW.

- 2) Check the resistance between the following two connector pin pairs:
 - a) Airplane connector, pin 1 to pin 3, 20-40 ohms.
 - b) Airplane connector, pin 2 to pin 3, 330-366 ohms.
- (4) Use the other flagnotes in TESTING AND FAULT ISOLATION, Figure 101 as necessary, to make electrical connections.

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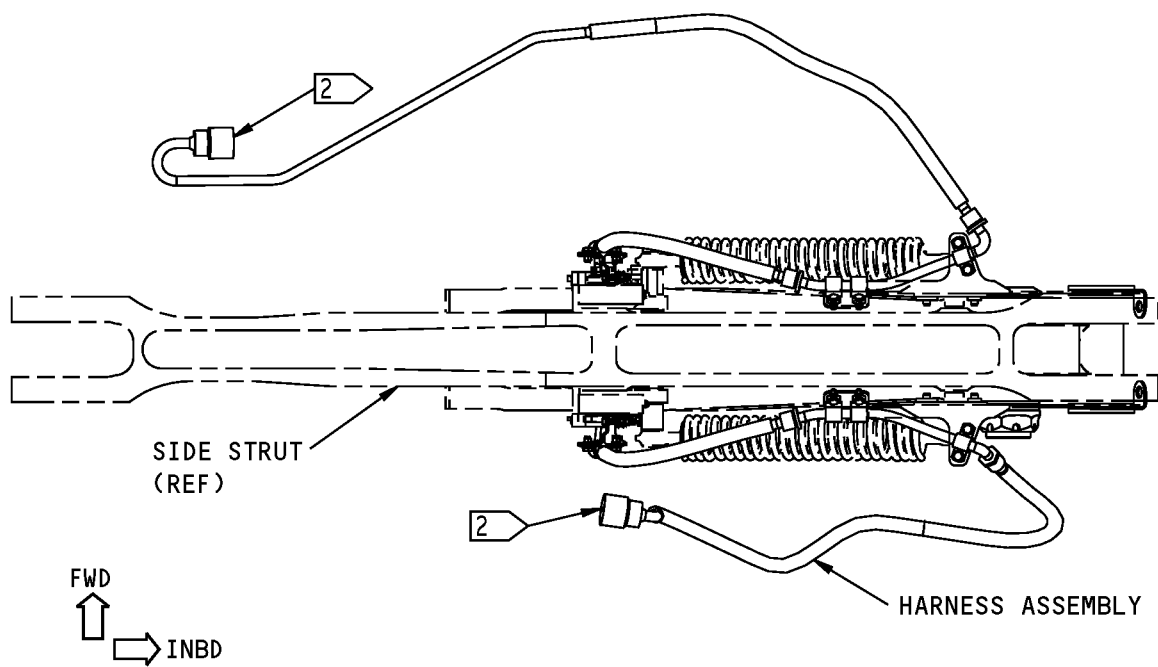
TESTING AND FAULT ISOLATION

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287A6108-3,-603
HARNESS INSTALLATION - LEFT SIDE

Shock Strut Wire Bundle Test
Figure 101 (Sheet 1 of 7)

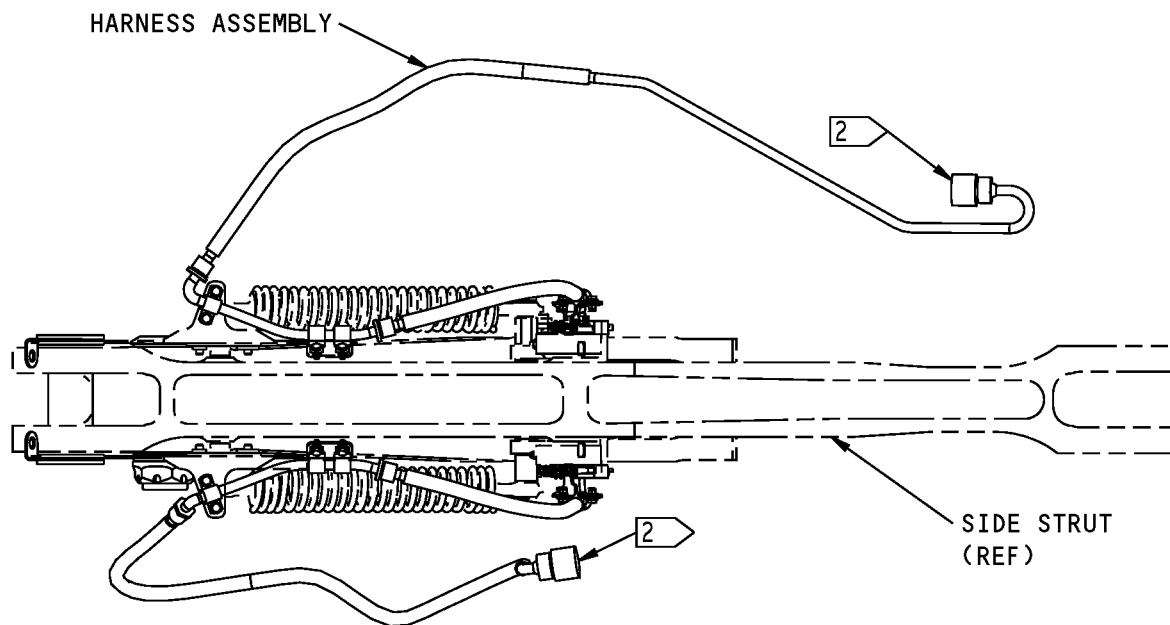
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287A6108-4,-604
HARNESS INSTALLATION - RIGHT SIDE

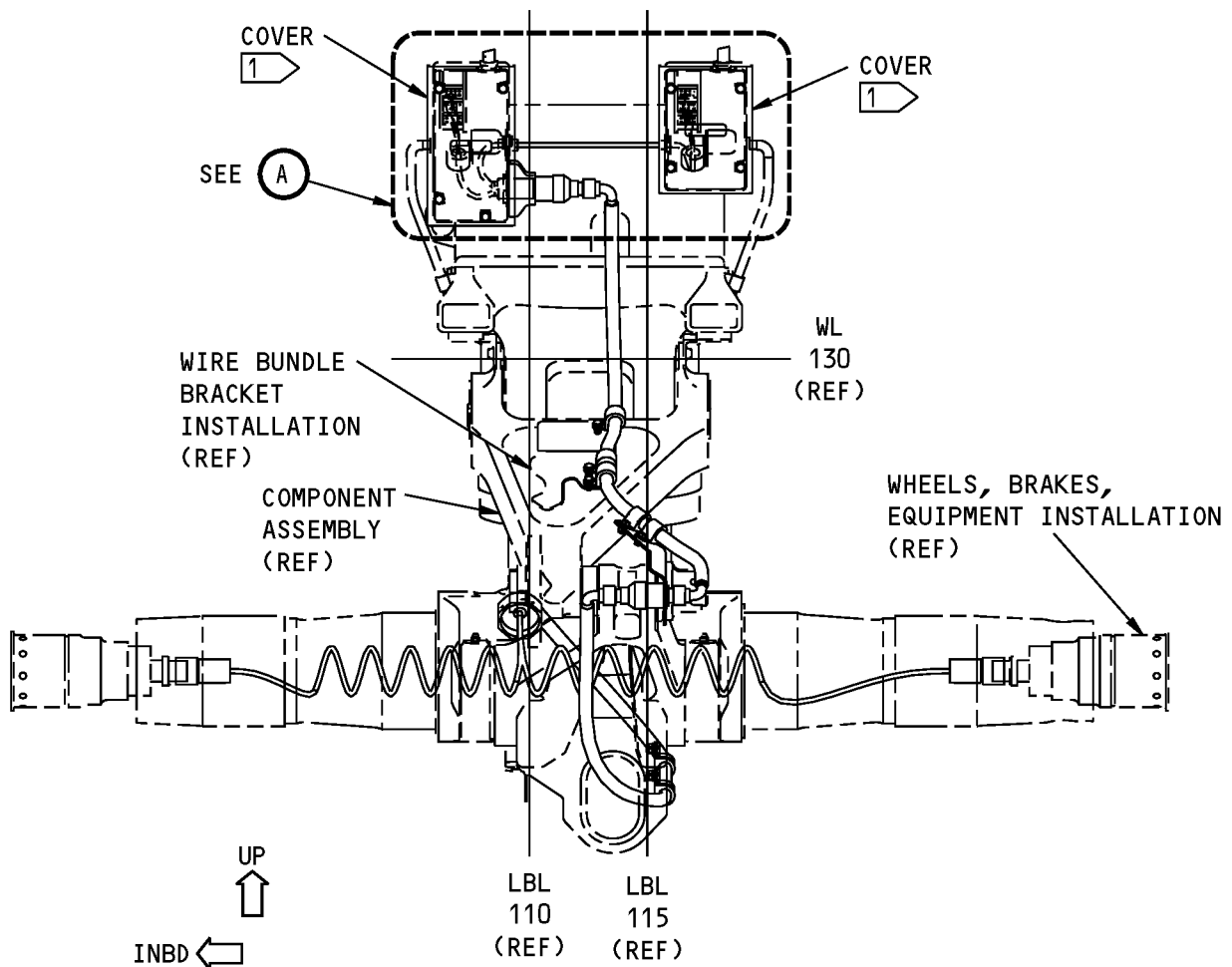
Shock Strut Wire Bundle Test
Figure 101 (Sheet 2 of 7)

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287A6108-5,-9,-13,-19,-21
HARNESS INSTALLATION - LEFT MAIN GEAR
FRONT VIEW

Shock Strut Wire Bundle Test
 Figure 101 (Sheet 3 of 7)

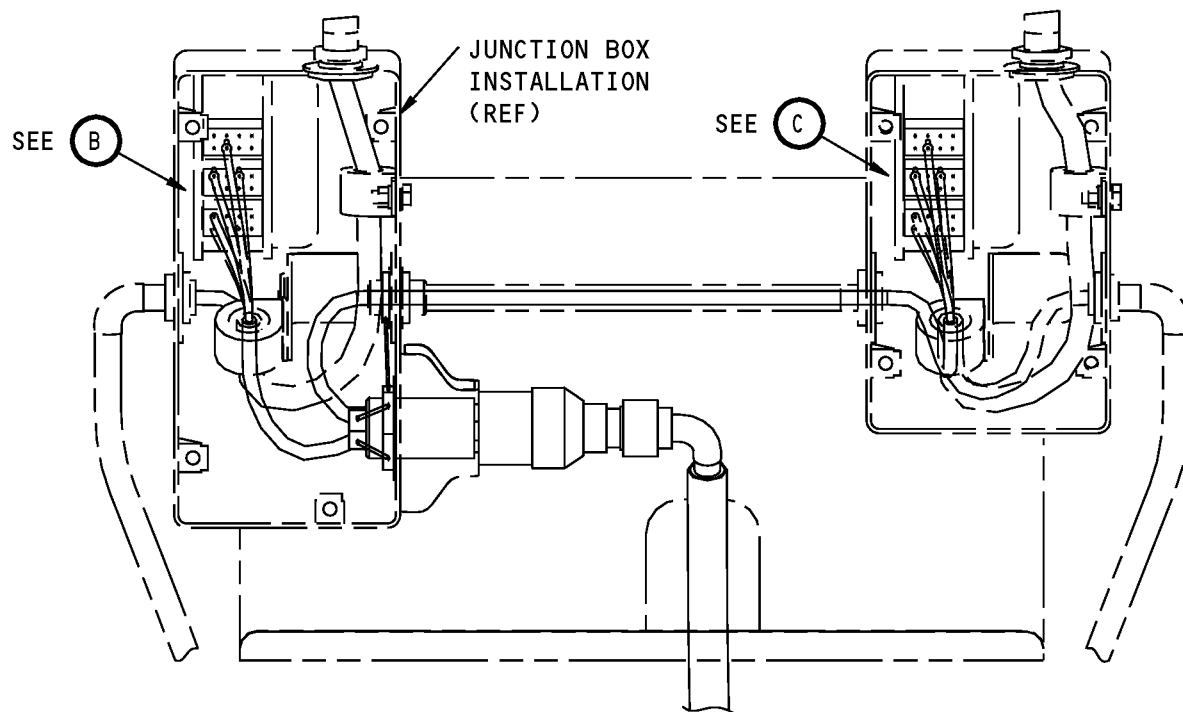
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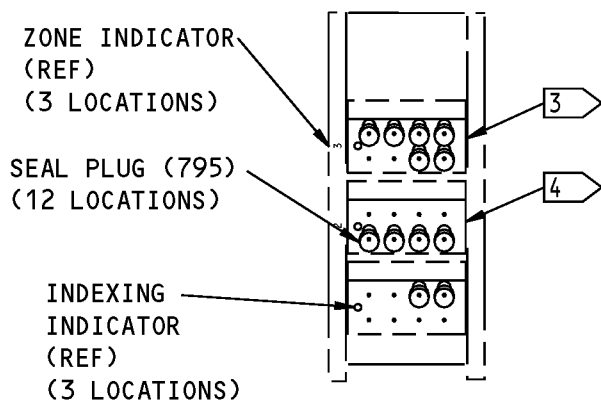
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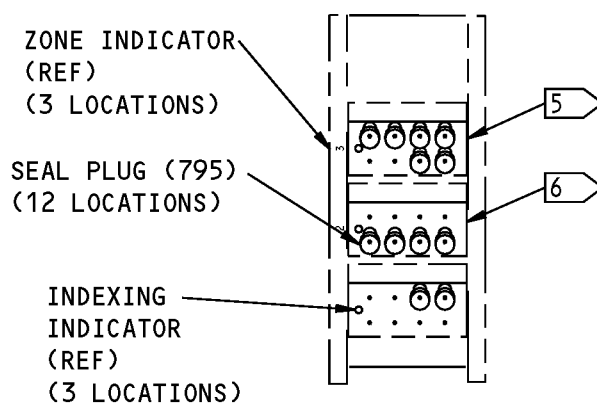


287A6127-11 and 287A6127-13
NOT SHOWN FOR CLARITY

(A)



(B)



(C)

Shock Strut Wire Bundle Test
Figure 101 (Sheet 4 of 7)

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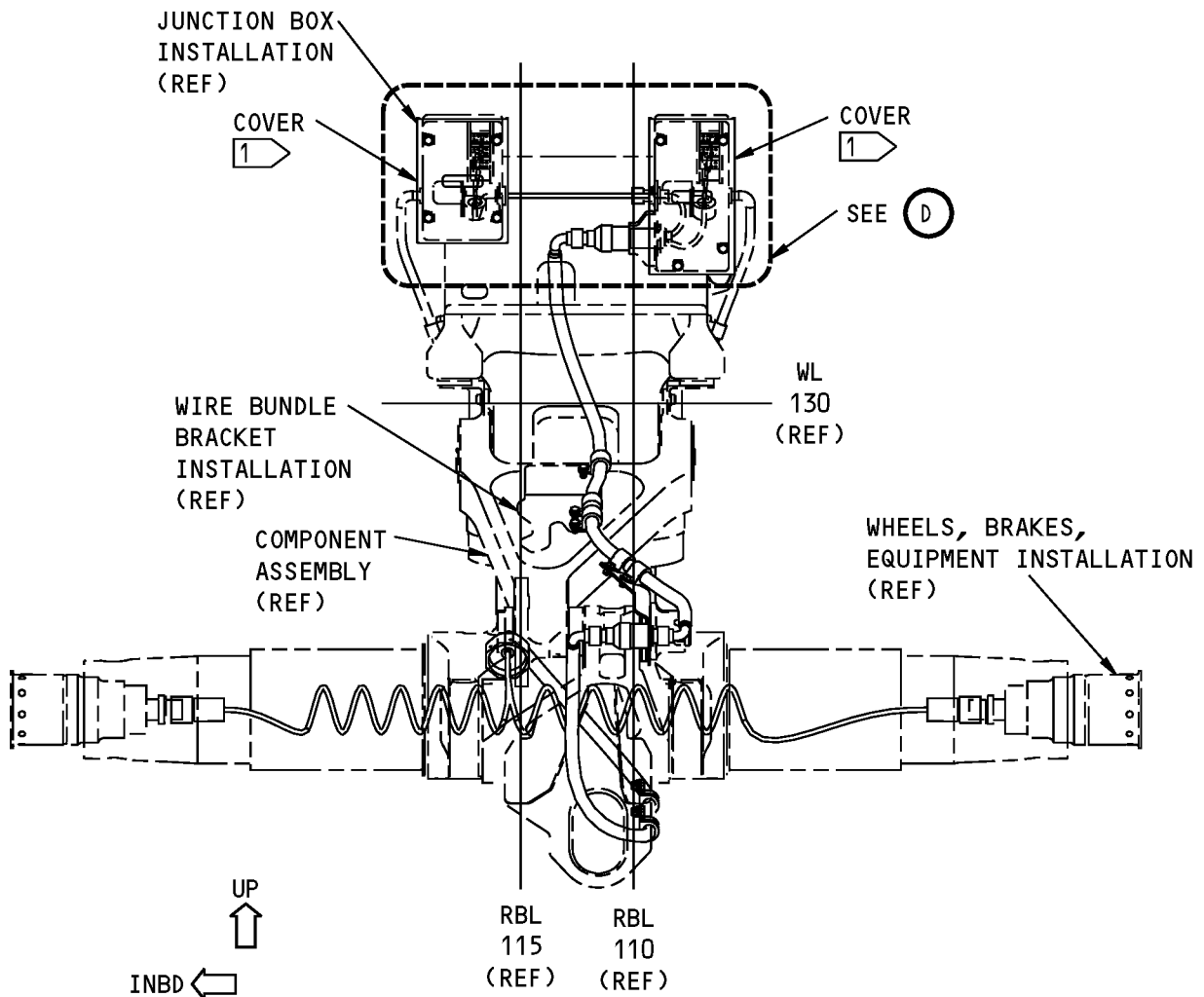
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287A6108-6,-10,-14,-20,-22
HARNESS INSTALLATION - RIGHT MAIN GEAR
FRONT VIEW

Shock Strut Wire Bundle Test
Figure 101 (Sheet 5 of 7)

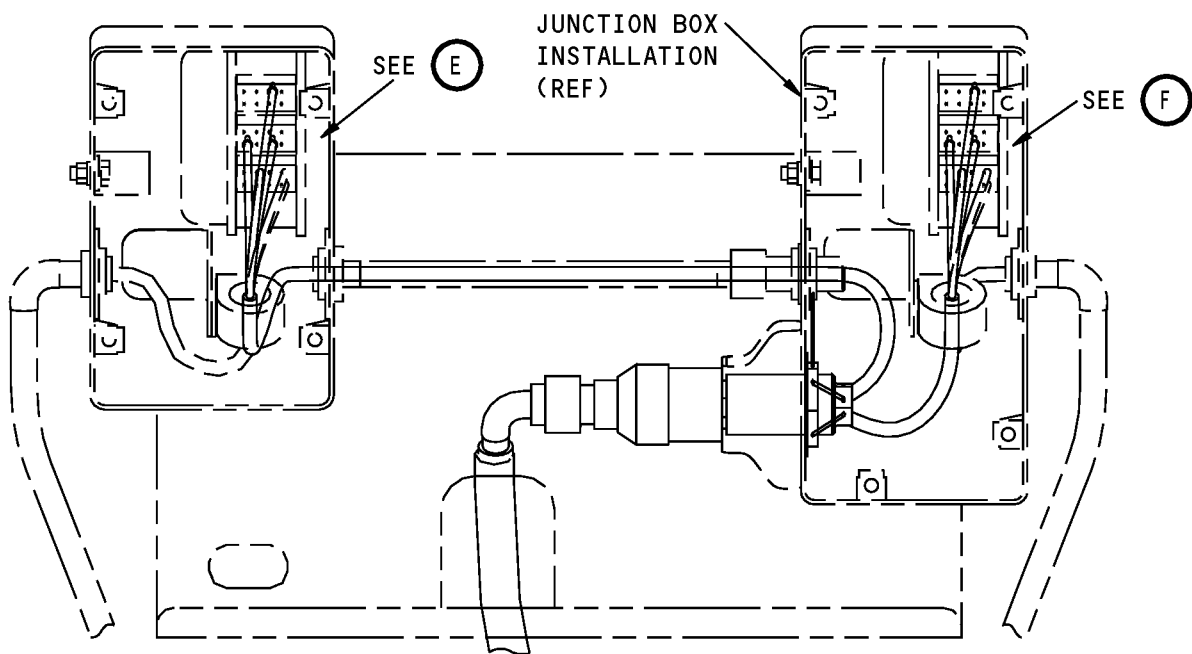
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TESTING AND FAULT ISOLATION

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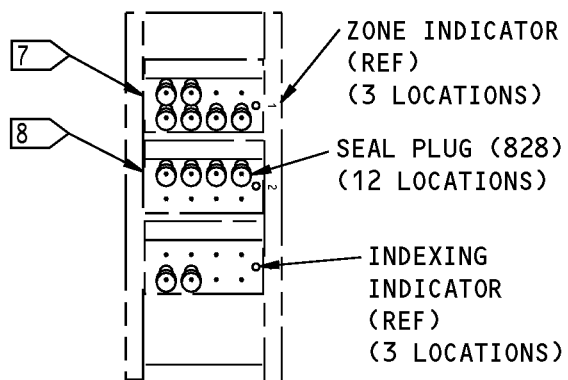
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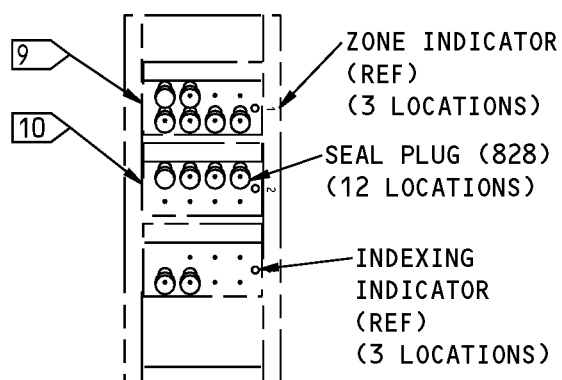


(D)

287A6127-11 and 287A6127-14
NOT SHOWN FOR CLARITY



(E)



(F)

Shock Strut Wire Bundle Test
Figure 101 (Sheet 6 of 7)

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- 1 FOR THIS CONNECTOR, USE TEST PROCEDURE STEP C. (2)
- 2 FOR THIS CONNECTOR, USE TEST PROCEDURE STEP C. (3)
- 3 INSERT THE PIN FROM THE SHIELD OF WIRES W7136-2201R AND W7136-2201B IN LOCATION B ON M81714/3-DB1 AS SHOWN IN BAC5166
- 4 INSERT THE PINS OF THE FOLLOWING WIRES IN M81714/3-DD1 AS SHOWN IN BAC5166. INSERT WIRE W7136-2201B IN LOCATION G. INSERT WIRE W7136-2201R IN LOCATION E
- 5 INSERT THE PIN FROM THE SHIELD OF WIRES W7134-2201R AND W7134-2201B IN LOCATION B ON M81714/3-DB1 AS SHOWN IN BAC5166
- 6 INSERT THE PINS OF THE FOLLOWING WIRES IN M81714/3-DD1 AS SHOWN IN BAC5166. INSERT WIRE W7134-2201B IN LOCATION G. INSERT WIRE W7134-2201R IN LOCATION E
- 7 INSERT THE PIN FROM THE SHIELD OF WIRES W8234-2201R AND W8234-2201B IN LOCATION B ON M81714/3-DB1 AS SHOWN IN BAC5166
- 8 INSERT THE PINS OF THE FOLLOWING WIRES IN M81714/3-DD1 AS SHOWN IN BAC5166. INSERT WIRE W8234-2201B IN LOCATION G. INSERT WIRE W8234-2201R IN LOCATION E
- 9 INSERT THE PIN FROM THE SHIELD OF WIRES W8236-2201R AND W8235-2201B IN LOCATION B ON M81714/3-DB1 AS SHOWN IN BAC5166
- 10 INSERT THE PINS OF THE FOLLOWING WIRES IN M81714/3-DD1 AS SHOWN IN BAC5166. INSERT WIRE W8236-2201B IN LOCATION G. INSERT WIRE W8236-2201R IN LOCATION E

ITEM NUMBERS REFER TO IPL FIG. 1

ALL DIMENSIONS ARE IN INCHES

Shock Strut Wire Bundle Test
Figure 101 (Sheet 7 of 7)

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TESTING AND FAULT ISOLATION

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DISASSEMBLY

1. General

- A. This procedure tells how to disassemble the main gear customer end item.
- B. Disassemble this component sufficiently to isolate the defects, do the necessary repairs, and put the component back to a serviceable condition.
- C. Refer to IPL Figure 1 thru IPL Figure 5 for item numbers.

2. Disassembly

A. References

Reference	Title
CMM 32-11-12	MAIN LANDING GEAR COMPONENT ASSEMBLY
CMM 32-30-62	MAIN GEAR SHIMMY DAMPER ASSEMBLY

B. Special Tools

NOTE: Equivalent substitutes can be used.

- (1) Main landing gear holding fixture – C32037-1

C. Procedure

- (1) Use standard industry procedures and these steps. To make access to components easier, put the main landing gear unit in the holding fixture.
- (2) Make notes of the thickness and position of shims to help during assembly.
- (3) When you disconnect electrical connections, make notes of locations to help during assembly.
- (4) Refer to CMM 32-11-12 for overhaul of shimmy damper installation fasteners (IPL Figure 2). Refer to CMM 32-30-62 for overhaul of the shimmy damper assembly.

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DISASSEMBLY

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CLEANING

(NOT APPLICABLE)

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CLEANING
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CHECK

1. General

- A. This procedure tells how to find defects in the specified parts.
- B. Refer to FITS AND CLEARANCES for the design dimension and wear limits.
- C. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.
- D. Refer to IPL Figure 1 thru IPL Figure 5 for item numbers.

2. Check

A. References

Reference	Title
SOPM 20-20-02	PENETRANT METHODS OF INSPECTION

B. Procedure

- (1) Examine all parts by standard industry practices.
- (2) Do a penetrant check (SOPM 20-20-02) of these parts:
 - (a) IPL Figure 1
 - 1) Fitting (168, 171, 174, 177)
 - 2) Spacer (84)
 - (b) IPL Figure 5
 - 1) Fittings (115, 120, 125, 130)
 - 2) Spacer (180)

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CHECK

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REPAIR

1. General

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

Table 601:

PART NUMBER	NAME	REPAIR
—	REFINISH OF OTHER PARTS	1-1

2. Dimensioning Symbols

- A. Standard True Position Dimensioning Symbols used in the applicable repair procedures are shown in REPAIR-GENERAL, Figure 601.



COMPONENT MAINTENANCE MANUAL

—	STRAIGHTNESS	$\oplus$	THEORETICAL EXACT POSITION OF A FEATURE (TRUE POSITION)
$\square$	FLATNESS	$\varnothing$	DIAMETER
$\perp$	PERPENDICULARITY (OR SQUARENESS)	$s \varnothing$	SPHERICAL DIAMETER
//	PARALLELISM	R	RADIUS
$\bigcirc$	ROUNDNESS	SR	SPHERICAL RADIUS
$\bigcirc$	CYLINDRICITY	()	REFERENCE
$\frown$	PROFILE OF A LINE	BASIC (BSC) OR	A THEORETICALLY EXACT DIMENSION USED TO DESCRIBE SIZE, SHAPE OR LOCATION OF A FEATURE FROM WHICH PERMISSIBLE VARIATIONS ARE ESTABLISHED BY TOLERANCES ON OTHER DIMENSIONS OR NOTES.
$\triangle$	PROFILE OF A SURFACE	DIM	
$\odot$	CONCENTRICITY	-A-	DATUM
$\equiv$	SYMMETRY	$\textcircled{M}$	MAXIMUM MATERIAL CONDITION (MMC)
$\angle$	ANGULARITY	$\textcircled{L}$	LEAST MATERIAL CONDITION (LMC)
$\nearrow$	RUNOUT	$\textcircled{S}$	REGARDLESS OF FEATURE SIZE (RFS)
$\nearrow$	TOTAL RUNOUT	$\textcircled{P}$	PROJECTED TOLERANCE ZONE
$\sqcup$	COUNTERBORE OR SPOTFACE	FIM	FULL INDICATOR MOVEMENT
$\surd$	COUNTERSINK	TIR	TOTAL INDICATOR READING

EXAMPLES

$\boxed{— 0.002}$	STRAIGHT WITHIN 0.002	$\boxed{\odot \varnothing 0.0005 \text{ C}}$	CONCENTRIC TO C WITHIN 0.0005 DIAMETER
$\boxed{\perp 0.002 \text{ B}}$	PERPENDICULAR TO B WITHIN 0.002	$\boxed{\equiv 0.010 \text{ A}}$	SYMMETRICAL WITH A WITHIN 0.010
$\boxed{\parallel 0.002 \text{ A}}$	PARALLEL TO A WITHIN 0.002	$\boxed{\angle 0.005 \text{ A}}$	ANGULAR TOLERANCE 0.005 WITH A
$\boxed{\bigcirc 0.002}$	ROUND WITHIN 0.002	$\boxed{\oplus \varnothing 0.002 \textcircled{S} \text{ B}}$	LOCATED AT TRUE POSITION WITHIN 0.002 DIA RELATIVE TO DATUM B, REGARDLESS OF FEATURE SIZE
$\boxed{\bigcirc 0.010}$	CYLINDRICAL SURFACE MUST LIE BETWEEN TWO CONCENTRIC CYLINDERS, ONE OF WHICH HAS A RADIUS 0.010 INCH GREATER THAN THE OTHER	$\boxed{\perp \varnothing 0.010 \textcircled{M} \text{ A}}$ $\boxed{0.510 \textcircled{P}}$	AXIS IS TOTALLY WITHIN A CYLINDER OF 0.010-INCH DIAMETER, PERPENDICULAR TO, AND EXTENDING 0.510-INCH ABOVE, DATUM A, MAXIMUM MATERIAL CONDITION
$\boxed{\frown 0.006 \text{ A}}$	EACH LINE ELEMENT OF THE SURFACE AT ANY CROSS SECTION MUST LIE BETWEEN TWO PROFILE BOUNDARIES 0.006 INCH APART RELATIVE TO DATUM PLANE A	$\boxed{2.000}$	THEORETICALLY EXACT DIMENSION IS 2.000
$\boxed{\triangle 0.020 \text{ A}}$	SURFACES MUST LIE WITHIN PARALLEL BOUNDARIES 0.02 INCH APART AND EQUALLY DISPOSED ABOUT TRUE PROFILE	OR 2.000 BSC	
NOTE: DATUM MAY APPEAR AT EITHER SIDE OF TOLERANCE FRAME		$\boxed{0.020 \text{ A}}$ $\boxed{\text{A} 0.020}$	

True Position Dimensioning Symbols
Figure 601

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REPAIR - GENERAL

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REFINISH OF OTHER PARTS - REPAIR 1-1

1. General

- A. This procedure refinishes the parts which are not in the other repairs.
- 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, IPL Figure 3, IPL Figure 4, and IPL Figure 5 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
C50075	Coating - Exterior Protective Enamel, Gray	BMS10-60, Type II, BAC707 Gray

B. References

Reference	Title
CMM 32-11-12	MAIN LANDING GEAR COMPONENT ASSEMBLY
SOPM 20-30-02	STRIPPING OF PROTECTIVE FINISHES
SOPM 20-41-01	DECODING TABLE FOR BOEING FINISH CODES
SOPM 20-60-02	FINISHING MATERIALS

C. Procedure

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

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

Table 601: Refinish Details

IPL FIG. & ITEM	MATERIAL	FINISH
IPL Fig. 1		
Tubes (39, 42, 51, 54)	21Cr-6Ni-9Mn CRES	No finish (F-25.01).

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REPAIR 1-1

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Table 601: Refinish Details (Continued)

IPL FIG. & ITEM	MATERIAL	FINISH
Spacer (84)	Al alloy	Chemical treat (F-17.08) and apply primer, C00175 (F-19.47) all over. Apply enamel coating, C50075 (F-19.39-707) on the exterior only, and not in the holes.
Bracket (96)	Al alloy	Chemical treat and apply primer, C00175 (F-17.08 and F-19.47) all over. Apply enamel coating, C50075 (F-19.39-707) on the exterior only, and not in the holes.
Brackets (162, 165)	Al alloy	Chemical treat (F-17.08) and apply primer, C00175 (F-19.47) all over. Apply enamel coating, C50075 (F-19.39-707) on the exterior only.
Fittings (168, 171, 174, 177)	Al alloy	Boric acid-sulfuric acid anodize or chromic acid anodize (F-17.31). Apply primer, C00175 and enamel coating, C50075 (F-19.47 and F-19.39-707), but not in the holes.
Brackets (285, 290J, 312, 315, 402, 405, 429, 432, 435, 438, 453, 471, 504, 507, 513, 543, 546, 547, 549, 552)	Al alloy	Boric acid-sulfuric acid anodize or chromic acid anodize (F-17.31). Apply primer, C00175 (F-19.47) and enamel coating, C50075 (F-19.39-707).
Clips (294, 297)	Al alloy	Boric acid-sulfuric acid anodize or chromic acid anodize (F-17.31). Apply primer, C00175 (F-19.47) and enamel coating, C50075 (F-19.39-707).
Target (345)	HYMU 80 annealed steel or Moly Permalloy No. 1 steel	Cadmium plate and apply primer (F-16.01).
Bracket (360)	Al alloy	Boric acid-sulfuric acid anodize or chromic acid anodize (F-17.31). Apply primer, C00259 (F-20.02) and enamel coating, C50075 (F-14.9813, which replaces SRF-14.9813).
Spacer (399)	Plastic	No finish (F-25.01).
Spacers (450, 510)	Nylon plastic	No finish (F-25.01).
Plate (611J)	Al alloy	Boric acid-sulfuric acid anodize or chromic acid anodize (F-17.31). Apply primer, C00259 (F-20.03).
Swivel support (615)	Al alloy	Boric acid-sulfuric acid anodize or chromic acid anodize (F-17.31). Apply primer, C00175 (F-19.47) and enamel coating, C50075 (F-19.39-707)
Brackets (626J, 626K, 674J, 674K)	301 CRES, 1/4 hard	Passivate (F-17.25).
Doublers (636, 639, 684, 687)	301 CRES, 1/4 hard	Passivate (F-17.25).

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Table 601: Refinish Details (Continued)

IPL FIG. & ITEM	MATERIAL	FINISH
Bases (642, 645, 690, 693)	302, 304, 305, or 347 CRES.	Passivate (F-17.25). Apply primer, C00259 (F-18.12) to the interior surface within approximately 1/2 inch of the three holes for the rivets that attach terminal block (612, 663). (The finished painted area here will be approximately 1 inch by 2.6 inches.) Apply primer, C00259 (F-18.12), primer, C00175 (F-19.47) and enamel coating, C50075 (F-19.39-707) to the back of the part. Paint in the holes is acceptable if a BACB30NM3K2 bolt can go in up to the head. On base (642, 645), apply primer, C00259 (F-18.12) to the exterior surface within approximately 1/2 inch of the two holes for the rivets that attach swivel support (615). (The finished painted area here will be approximately 1 inch by 2.5 inches.)
Covers (855, 858, 861)	301 CRES, 1/4 hard	Passivate (F-17.25).
Fittings (870, 903)	304L or 316L CRES	Passivate (F-17.25).
Bracket (897)	301 CRES, 1/4 hard	Cadmium plate (F-15.06). Apply primer, C00175 (F-19.47) and enamel coating, C50075 (F-19.39-707).
IPL Fig. 2 (Refer to CMM 32-11-12)		
IPL Fig. 3		
Tubes (100, 105, 110, 130, 135, 140, 145)	21Cr-6Ni-9Mn CRES	No finish (F-25.01).
IPL Fig. 4		
Guides (35, 40, 45)	Plastic	No finish (F-25.01).
Bracket (50)	Al alloy	Boric acid-sulfuric acid anodize or chromic acid anodize (F-17.31). Apply primer, C00259 (F-20.02) and enamel coating, C00700 (F-14.9813, which replaces SRF-14.9813).
IPL Fig. 5		
Brackets (105, 110)	Al alloy	Chemical treat (F-17.08) and apply primer, C00175 (F-19.47) all over. Apply enamel coating, C50075 (F-19.39-707) on the exterior only.
Brackets (185, 684, 687)	Al alloy	Chemical treat (F-17.08) and apply primer, C00175 (F-19.47) all over. Apply enamel coating, C50075 (F-19.39-707) on the exterior only, and not in the holes.

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REPAIR 1-1

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ASSEMBLY

1. General

- A. Use this procedure to assemble the main landing gear customer end item.
- B. Refer to the Standard Overhaul Practices Manual (SOPM) for the SOPM subjects identified in this procedure.
- C. Refer to IPL Figure 1 for item numbers.

2. Assembly

- A. Consumable Materials

NOTE: Equivalent substitutes may be used.

Reference	Description	Specification
C50056	Compound - Nondrying Resin Mix Corrosion Inhibiting Material	BMS 3-27
G50136	Paste - Corrosion Inhibiting, Non-drying	BMS 3-38

- B. References

Reference	Title
CMM 32-11-12	MAIN LANDING GEAR COMPONENT ASSEMBLY
SOPM 20-50-01	BOLT AND NUT INSTALLATION
SOPM 20-60-02	FINISHING MATERIALS
SOPM 20-60-04	MISCELLANEOUS MATERIALS

- C. Special Tools

NOTE: Equivalent substitutes can be used.

- (1) C32037-1 – Main landing gear holding fixture

- D. Procedure

NOTE: For bolt and nut installation, refer to SOPM 20-50-01. For finishing materials, refer to SOPM 20-60-02. For miscellaneous materials, refer to SOPM 20-60-04.

- (1) Use standard industry procedures and these steps. To make assembly easier, use the holding fixture to hold the unit as you put it together.
- (2) To assemble the main gear component installation, refer to CMM 32-11-12.
- (3) Install the bracket installations (105, 108, 180, 183) on the main gear component assembly (ASSEMBLY, Figure 701 thru ASSEMBLY, Figure 703).
- (4) Assemble the bracket installation (375, 378, 456, 459) (ASSEMBLY, Figure 704).
- (5) Attach the junction box installation (555, 558) onto the main gear component assembly (ASSEMBLY, Figure 705, ASSEMBLY, Figure 706).
- (6) Attach the sensor installation (318, 318A, 318B, 321, 321A, 321B) to the main gear component assembly (ASSEMBLY, Figure 707). Apply a thin layer of corrosion inhibiting non-drying paste, G50136 or compound, C50056 to thread reliefs, threads, and washer faces before assembly. Wipe off unwanted compound.

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ASSEMBLY

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- (7) Attach the hose installation (63, 66) onto the main gear component assembly (ASSEMBLY, Figure 708, , ASSEMBLY, Figure 709, ASSEMBLY, Figure 710, ASSEMBLY, Figure 711). Install all bolts with corrosion inhibiting non-drying paste, G50136 or compound, C50056 on the threads and shanks.
- (8) Install the harness installations (726, 729, 831, 834) onto the main gear component assembly (ASSEMBLY, Figure 712 thru ASSEMBLY, Figure 715). You can twist the flexible conduits $\pm 10^\circ$ from the rest position as necessary, to let you attach the end fittings to the mating connectors.
- (9) Install the plumbing installation (12, 15) onto the main gear component assembly.

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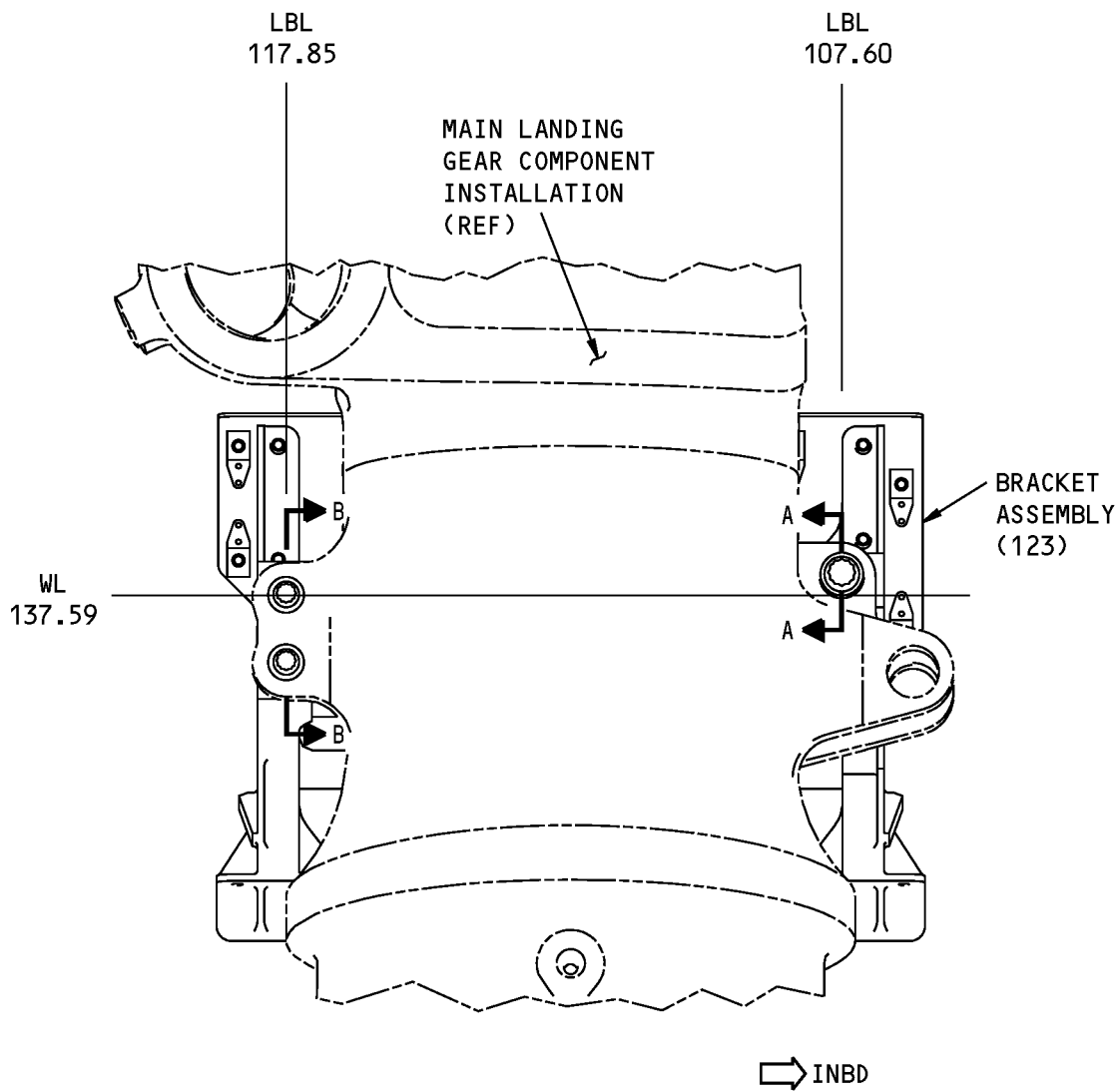
ASSEMBLY

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274A1910-1
(REAR VIEW)

274A1910-1,-2 Bracket Installation
Figure 701 (Sheet 1 of 4)

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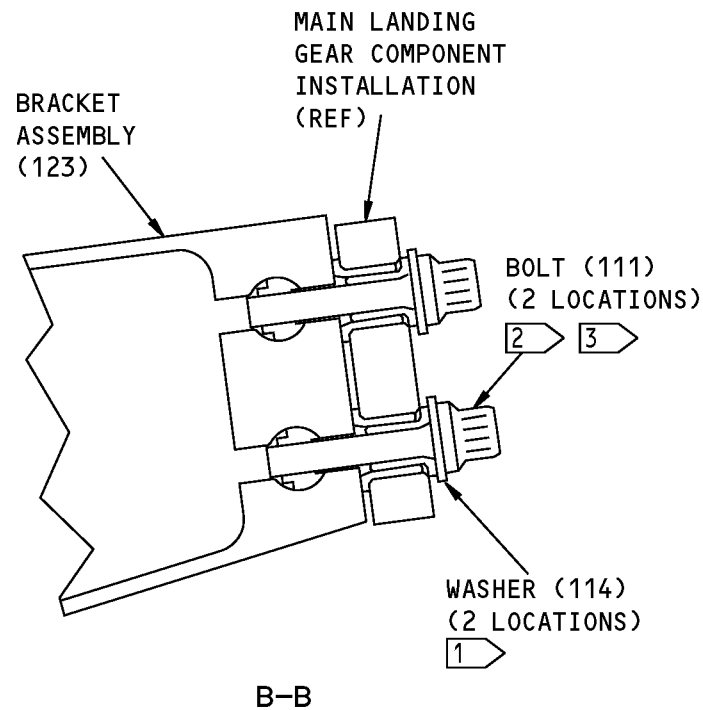
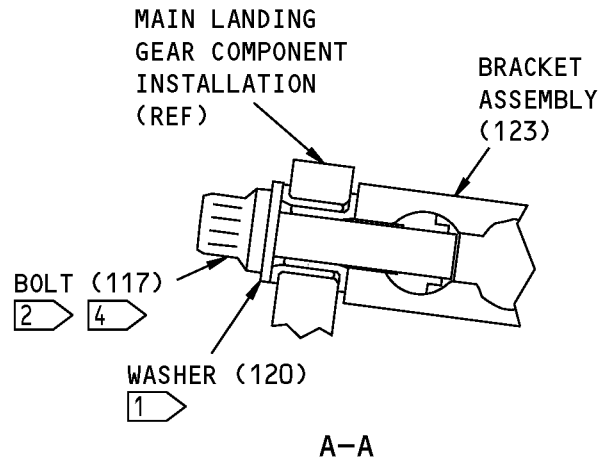
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



274A1910-1,-2 Bracket Installation
Figure 701 (Sheet 2 of 4)

32-11-16

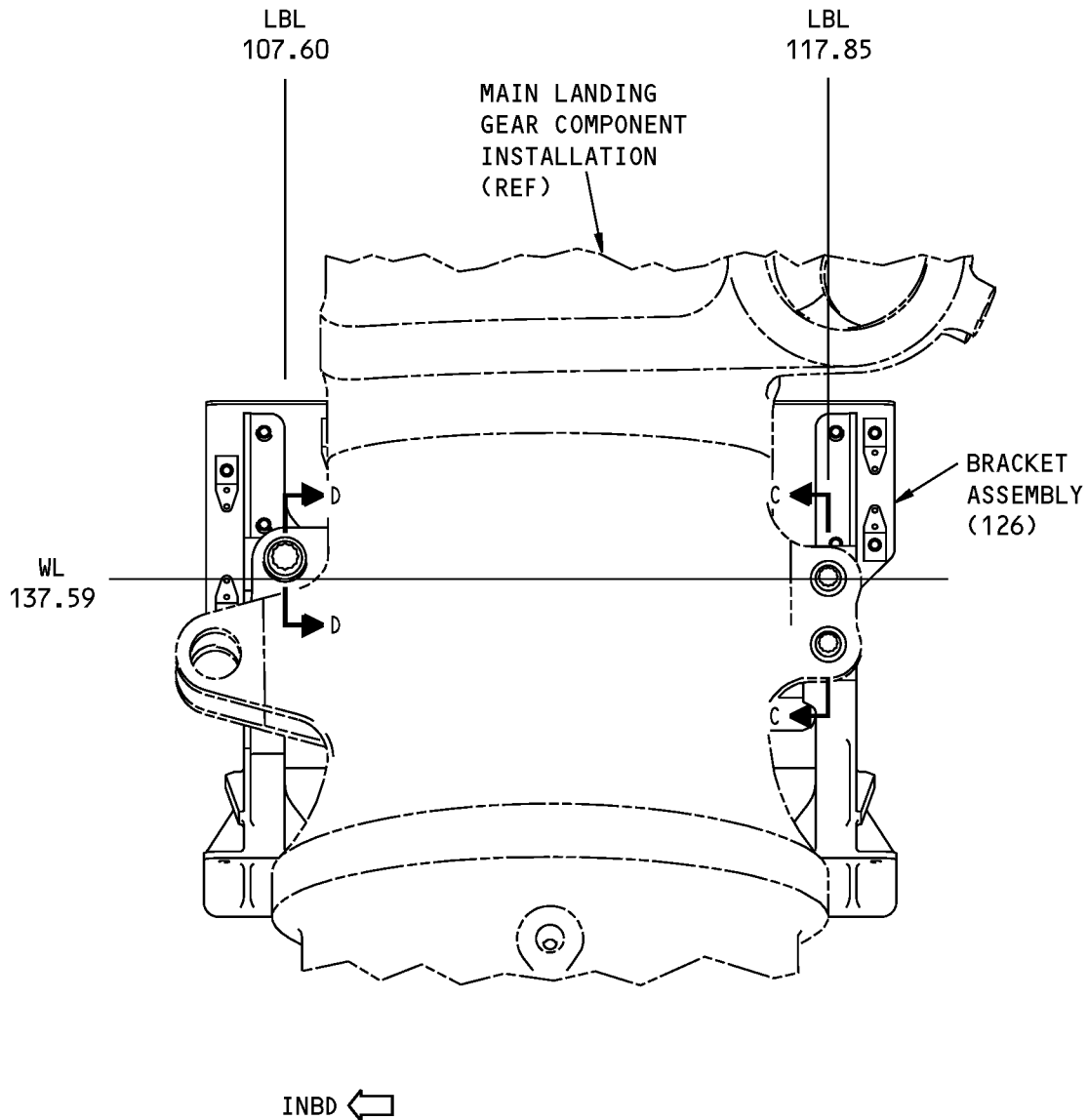
ASSEMBLY

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274A1910-2
(REAR VIEW)

274A1910-1,-2 Bracket Installation
Figure 701 (Sheet 3 of 4)

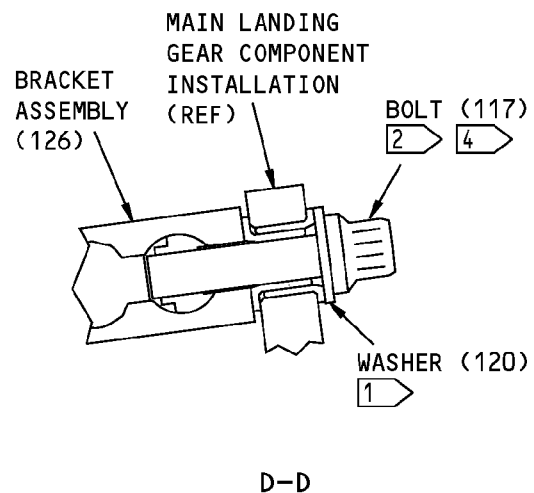
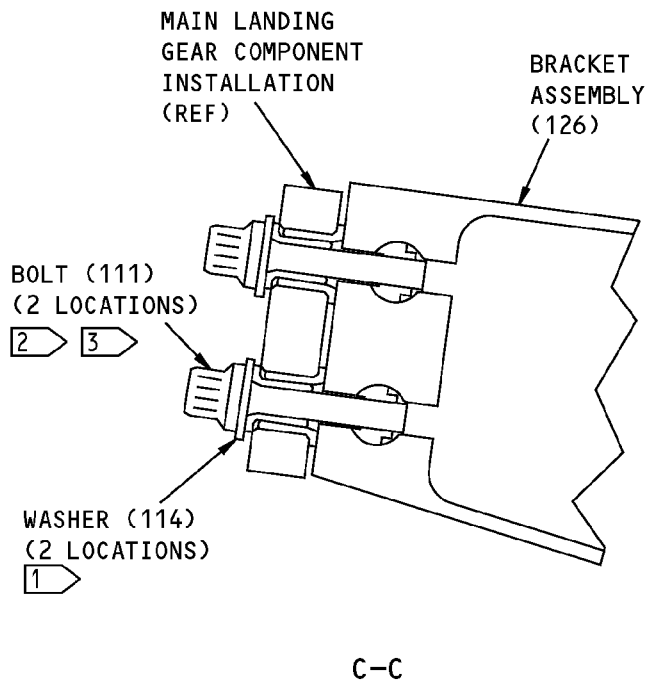
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ASSEMBLY

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- 1 INSTALL THE WASHER WITH ITS COUNTERSINK AGAINST THE BOLT HEAD
- 2 INSTALL THE BOLT WITH BMS 3-38 OR BMS 3-27 COMPOUND ON THE THREADS AND THE SHANK
- 3 TIGHTEN THE BOLT TO 50-75 POUND-INCHES
- 4 TIGHTEN THE BOLT TO 100-175 POUND-INCHES

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

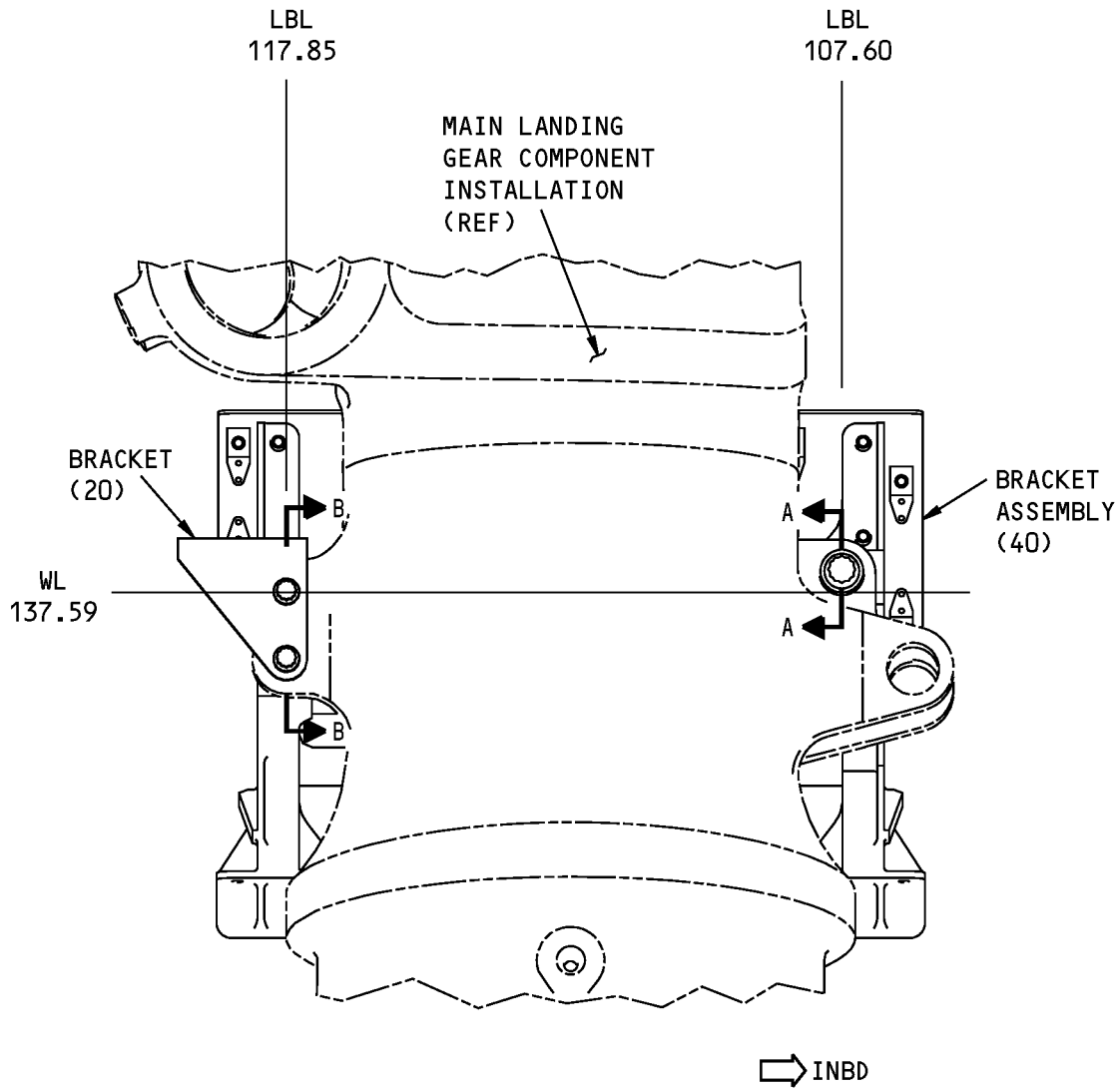
274A1910-1,-2 Bracket Installation
Figure 701 (Sheet 4 of 4)

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ASSEMBLY
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274A1910-3
(REAR VIEW)

274A1910-3,4 Bracket Installation
Figure 702 (Sheet 1 of 4)

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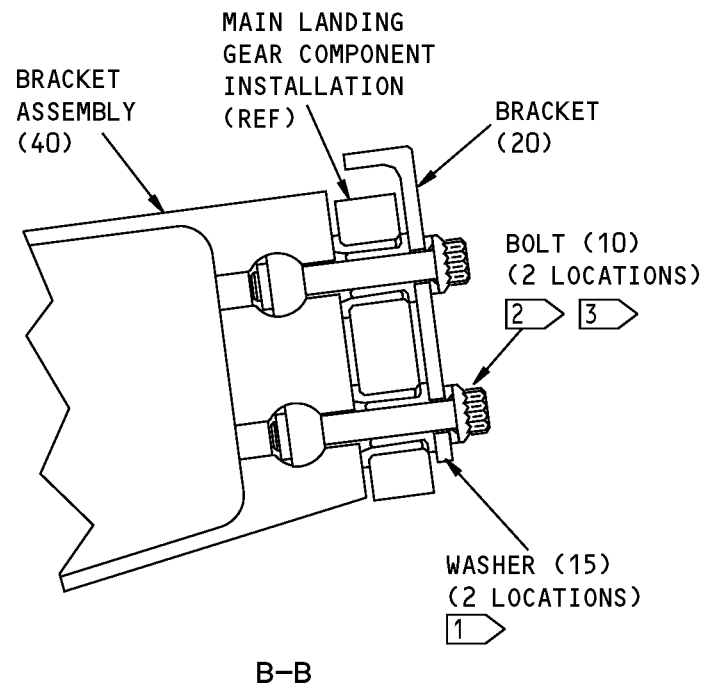
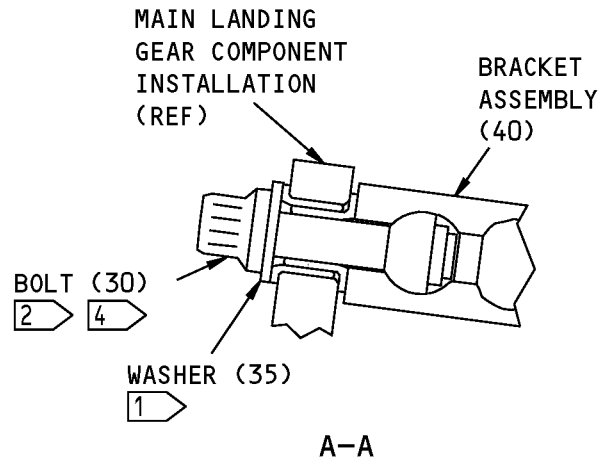
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



274A1910-3,-4 Bracket Installation
Figure 702 (Sheet 2 of 4)

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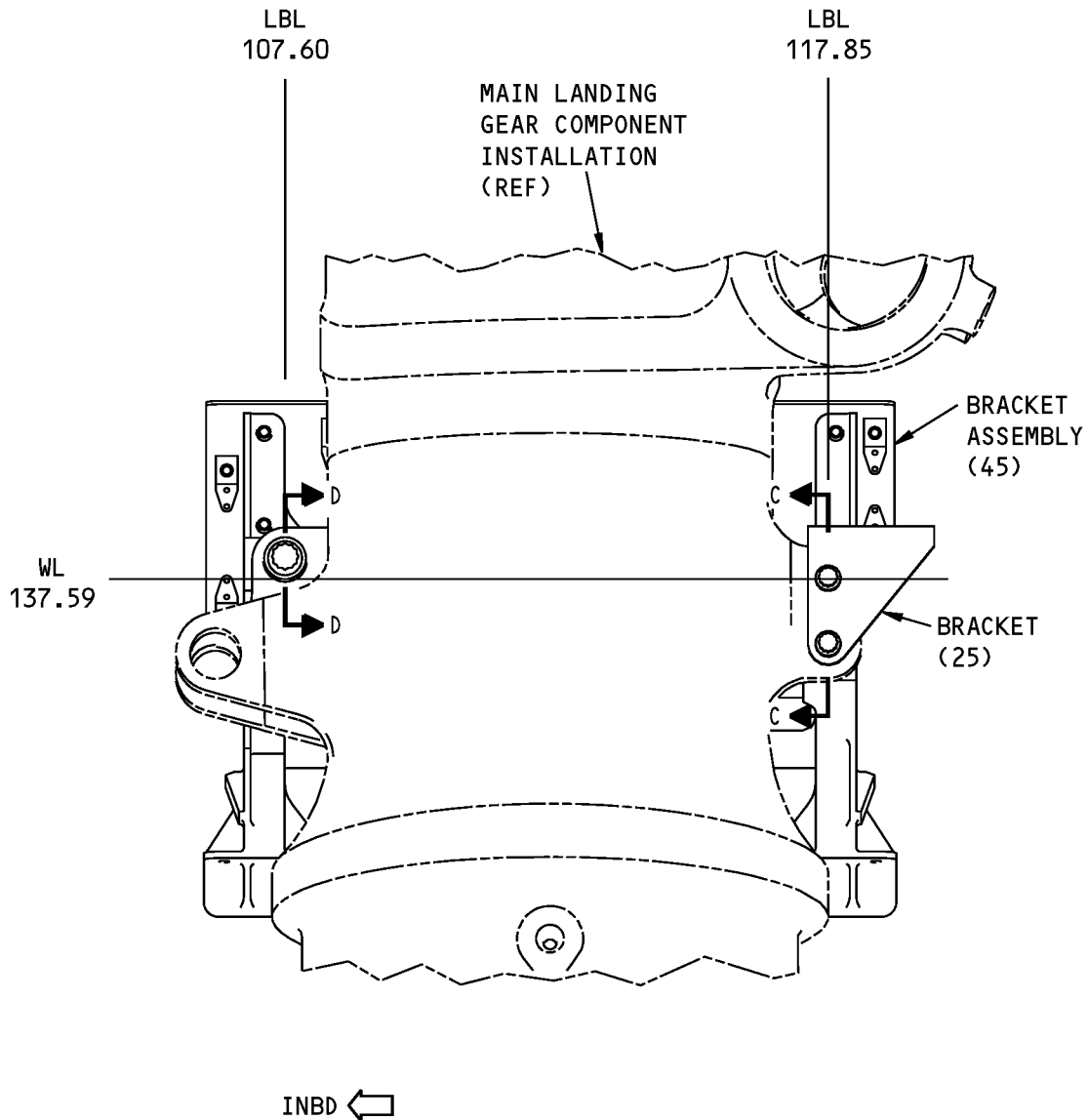
ASSEMBLY

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274A1910-4
(REAR VIEW)

274A1910-3,4 Bracket Installation
Figure 702 (Sheet 3 of 4)

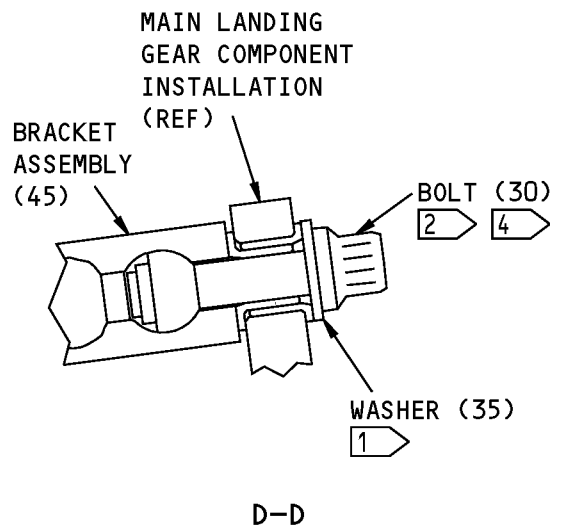
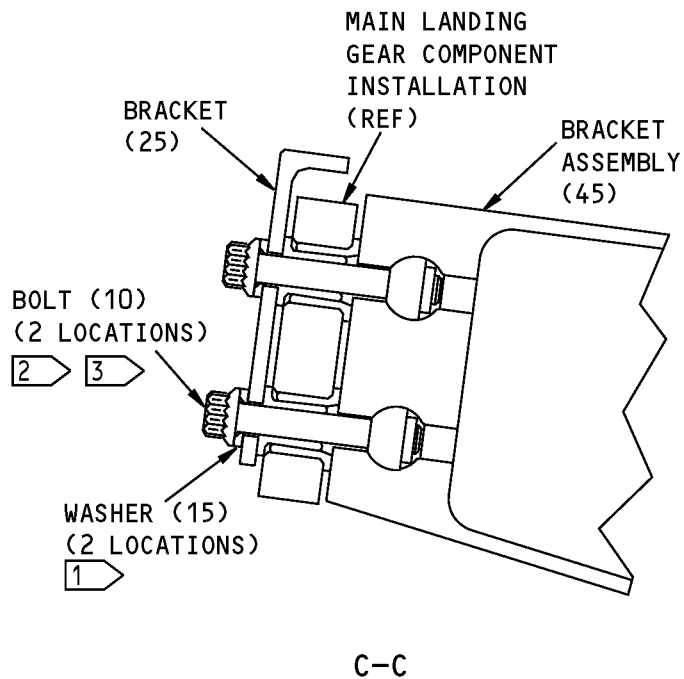
32-11-16

ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



- 1 INSTALL THE WASHER WITH ITS COUNTERSINK AGAINST THE BOLT HEAD
- 2 INSTALL THE BOLT WITH BMS 3-38 OR BMS 3-27 COMPOUND ON THE THREADS AND THE SHANK
- 3 TIGHTEN THE BOLT TO 50-75 POUND-INCHES
- 4 TIGHTEN THE BOLT TO 100-175 POUND-INCHES

ITEM NUMBERS REFER TO IPL FIG. 5
UNLESS SHOWN DIFFERENTLY

ALL DIMENSIONS ARE IN INCHES

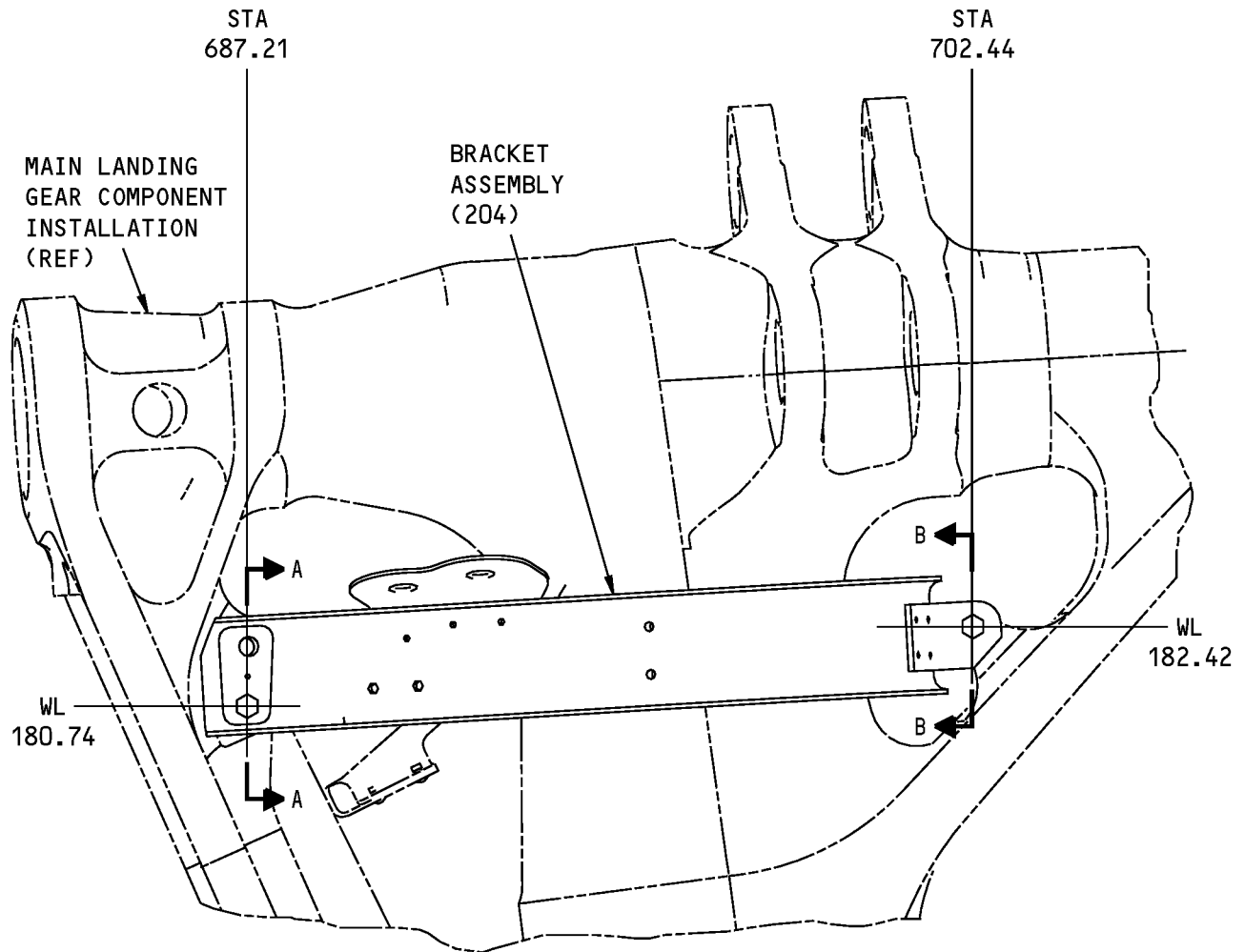
274A1910-3,4 Bracket Installation
Figure 702 (Sheet 4 of 4)

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ASSEMBLY

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274A1920-1,-3 SHOWN
274A1920-2,-4 OPPOSITE

274A1920-1 thru -4 Bracket Installation
Figure 703 (Sheet 1 of 2)

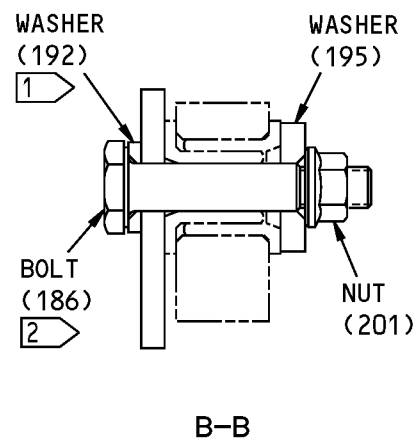
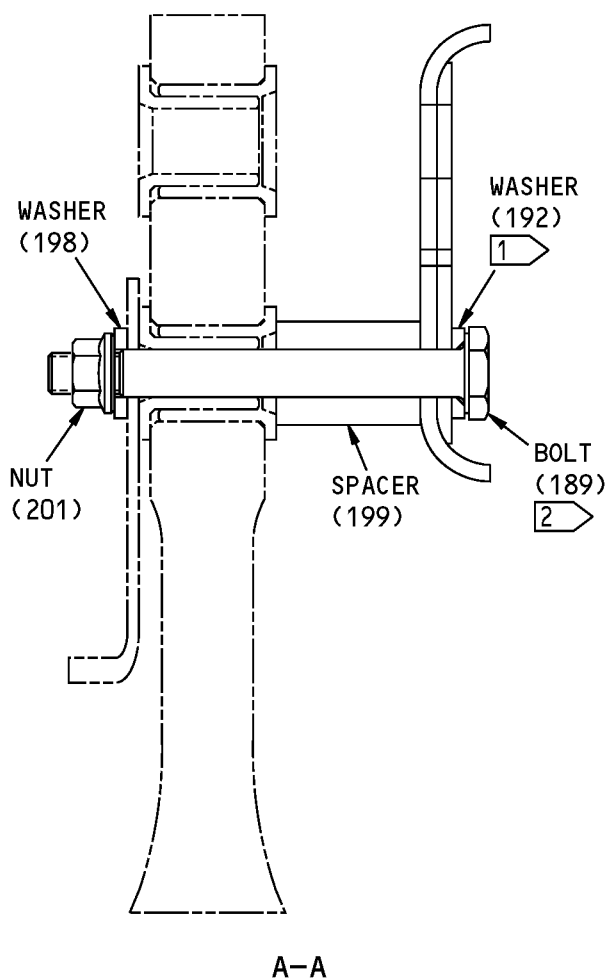
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- 1 INSTALL THE WASHER WITH ITS COUNTERSINK AGAINST THE BOLT HEAD
- 2 INSTALL THE BOLT WITH BMS 3-38 OR BMS 3-27 COMPOUND ON THE THREADS AND THE SHANK

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

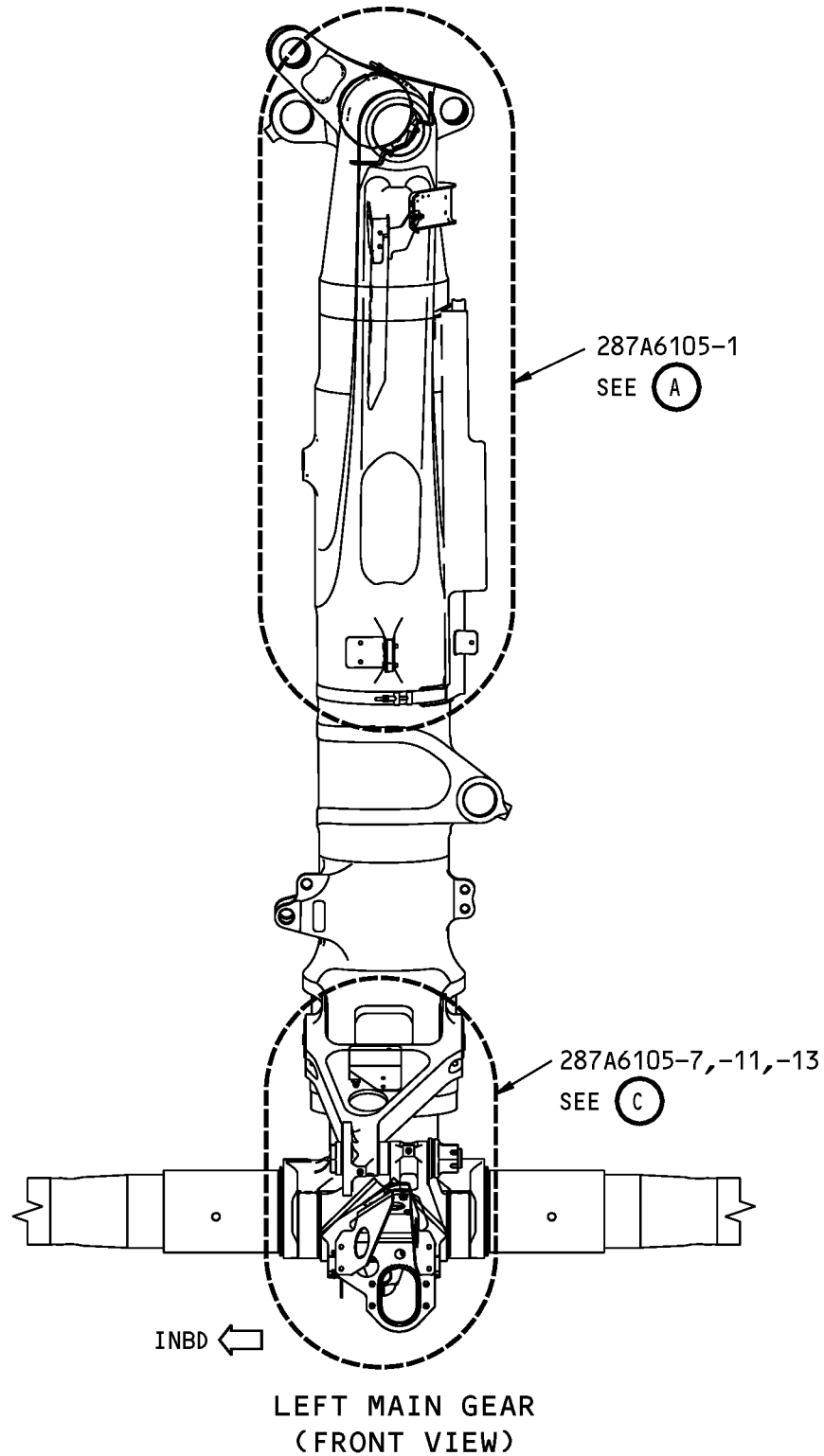
274A1920-1 thru -4 Bracket Installation
Figure 703 (Sheet 2 of 2)

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ASSEMBLY
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COMPONENT MAINTENANCE MANUAL



287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 1 of 22)

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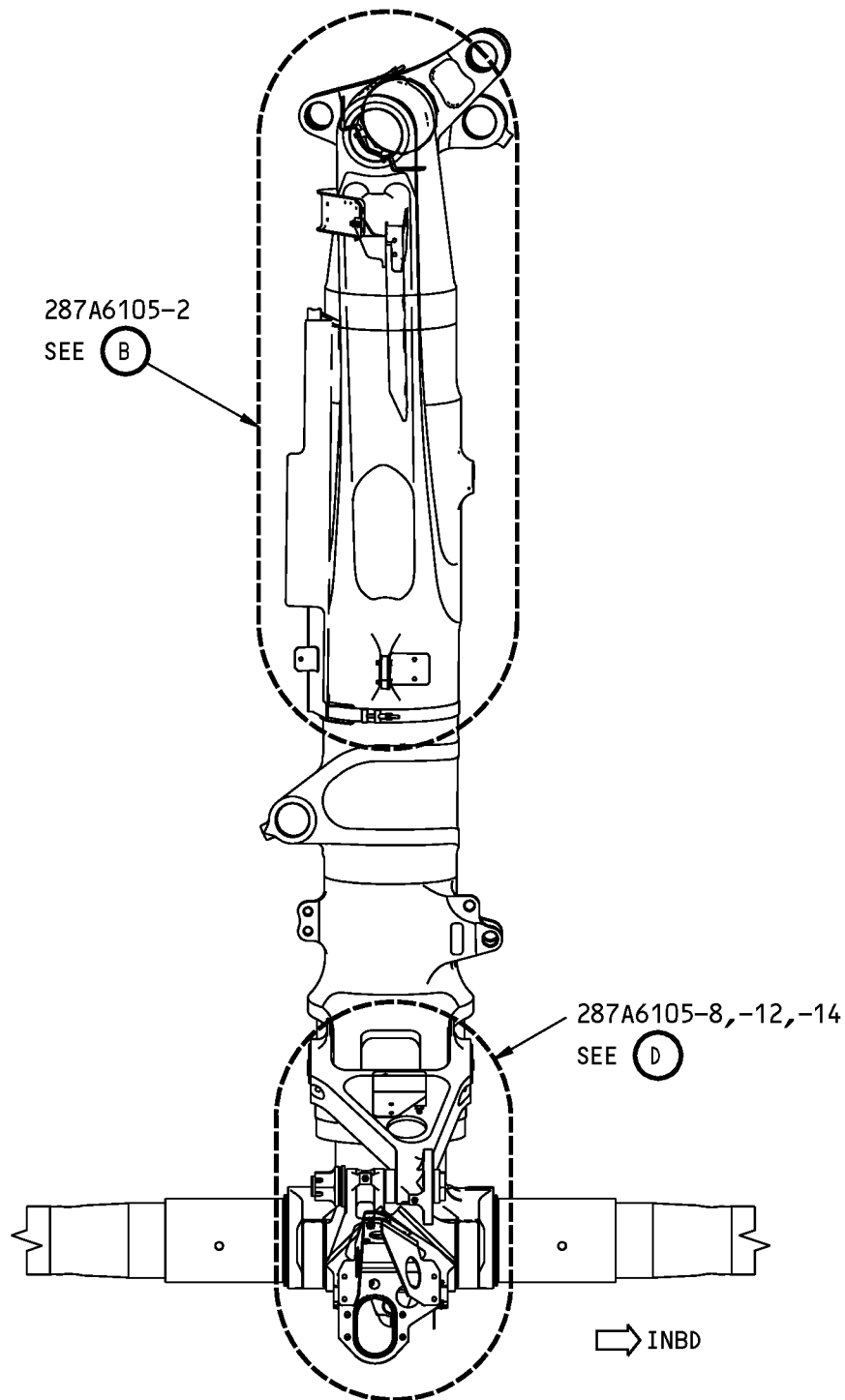
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL

RIGHT MAIN GEAR
(FRONT VIEW)287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 2 of 22)**32-11-16**

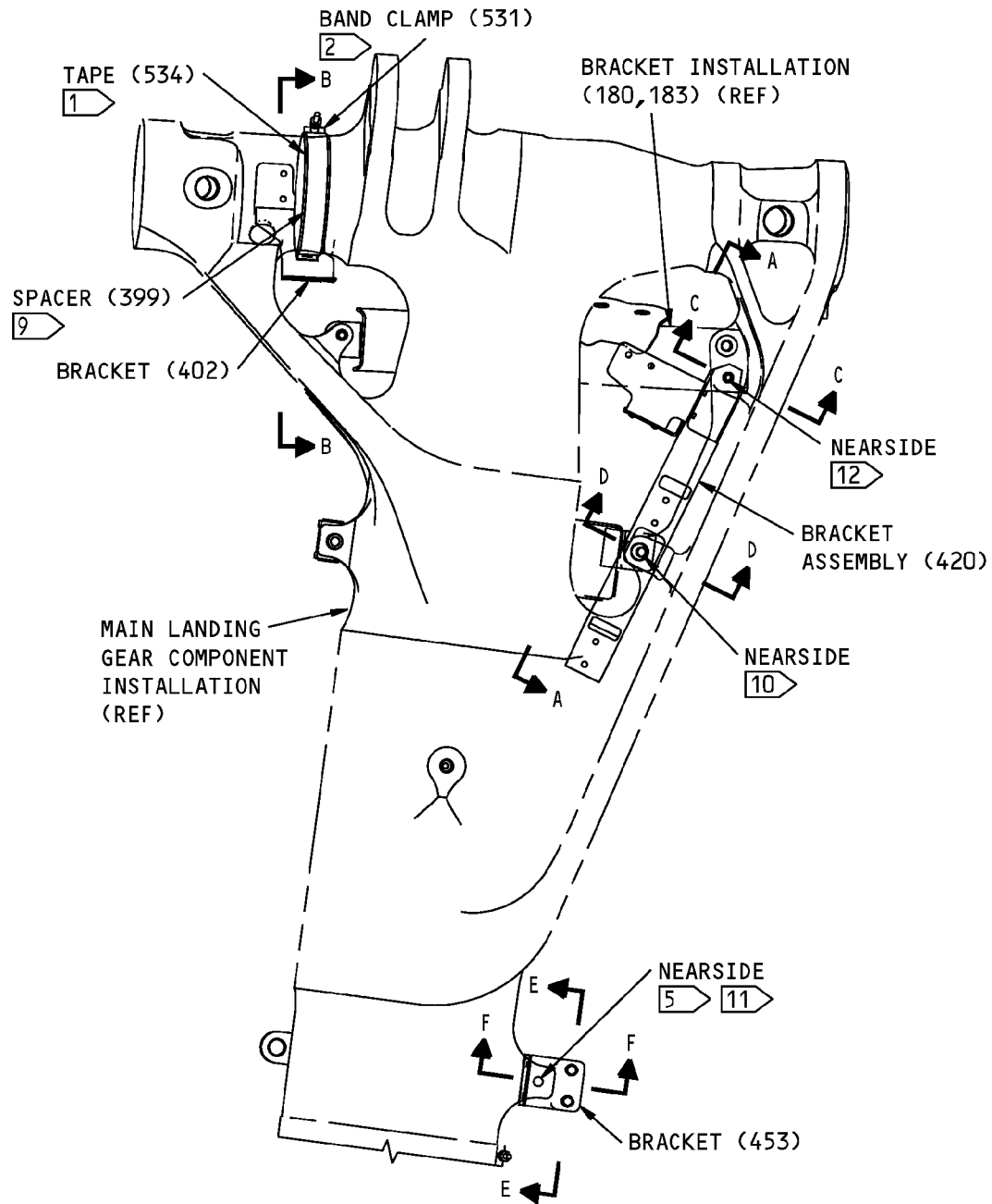
ASSEMBLY

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287A6105-1
(SIDE VIEW)
(VIEW LOOKING OUTBOARD)

(A)

287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 3 of 22)

32-11-16

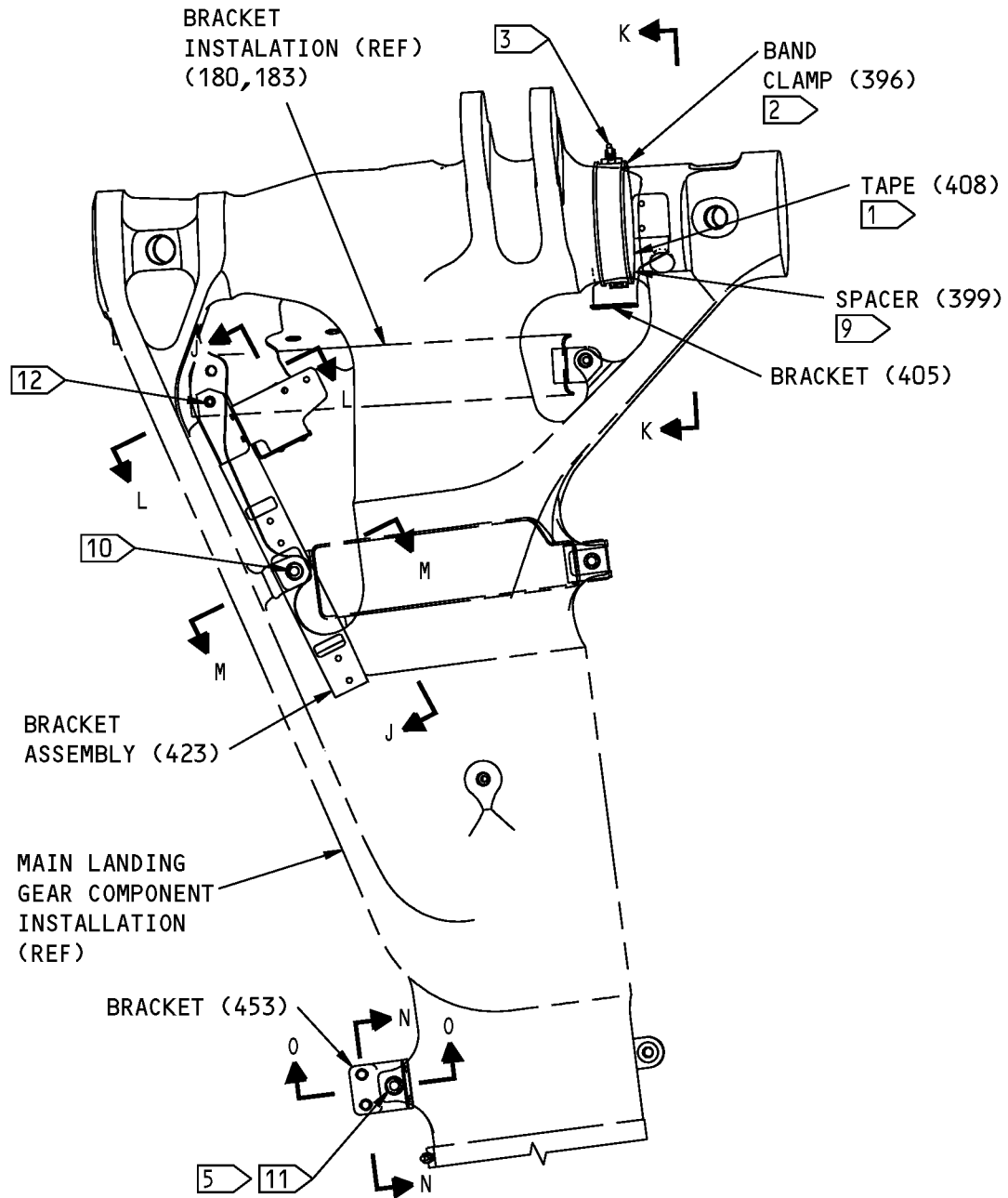
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



287A6105-2
(SIDE VIEW)
(VIEW LOOKING OUTBOARD)

(B)

287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 4 of 22)

32-11-16

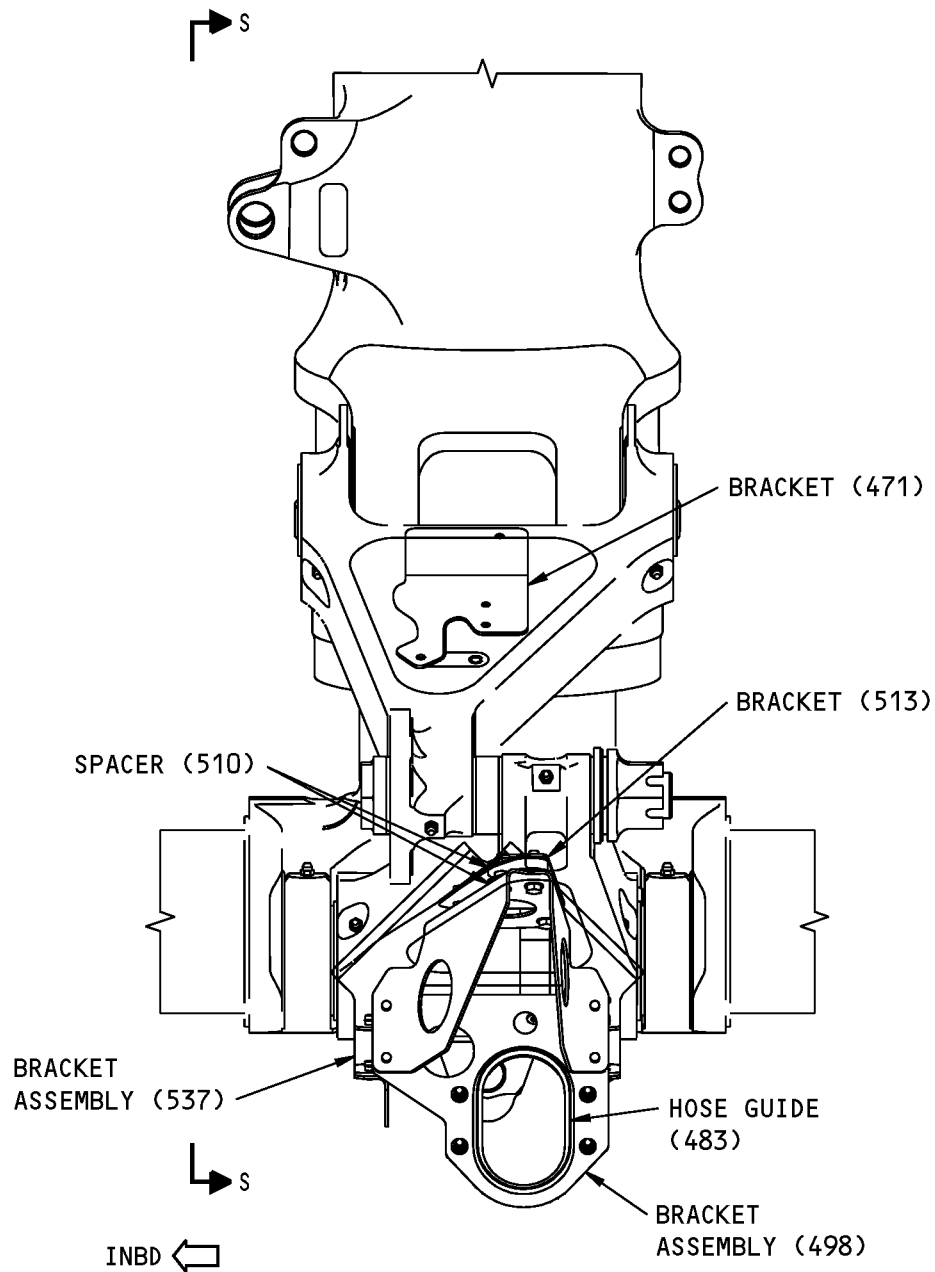
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



287A6105-7,-11,-13
(FRONT VIEW)



287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 5 of 22)

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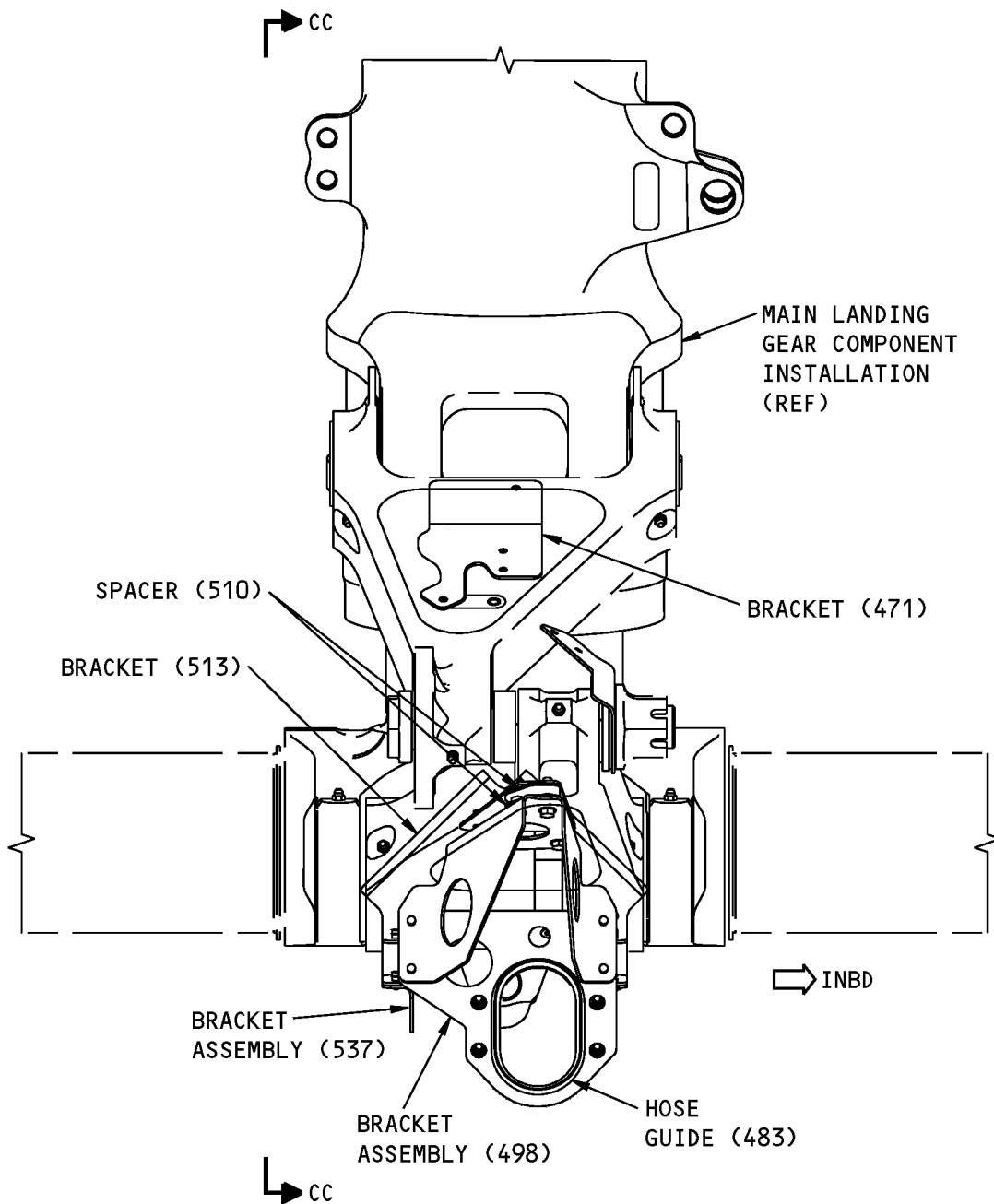
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



287A6105-8,-12,-14
(FRONT VIEW)



287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 6 of 22)

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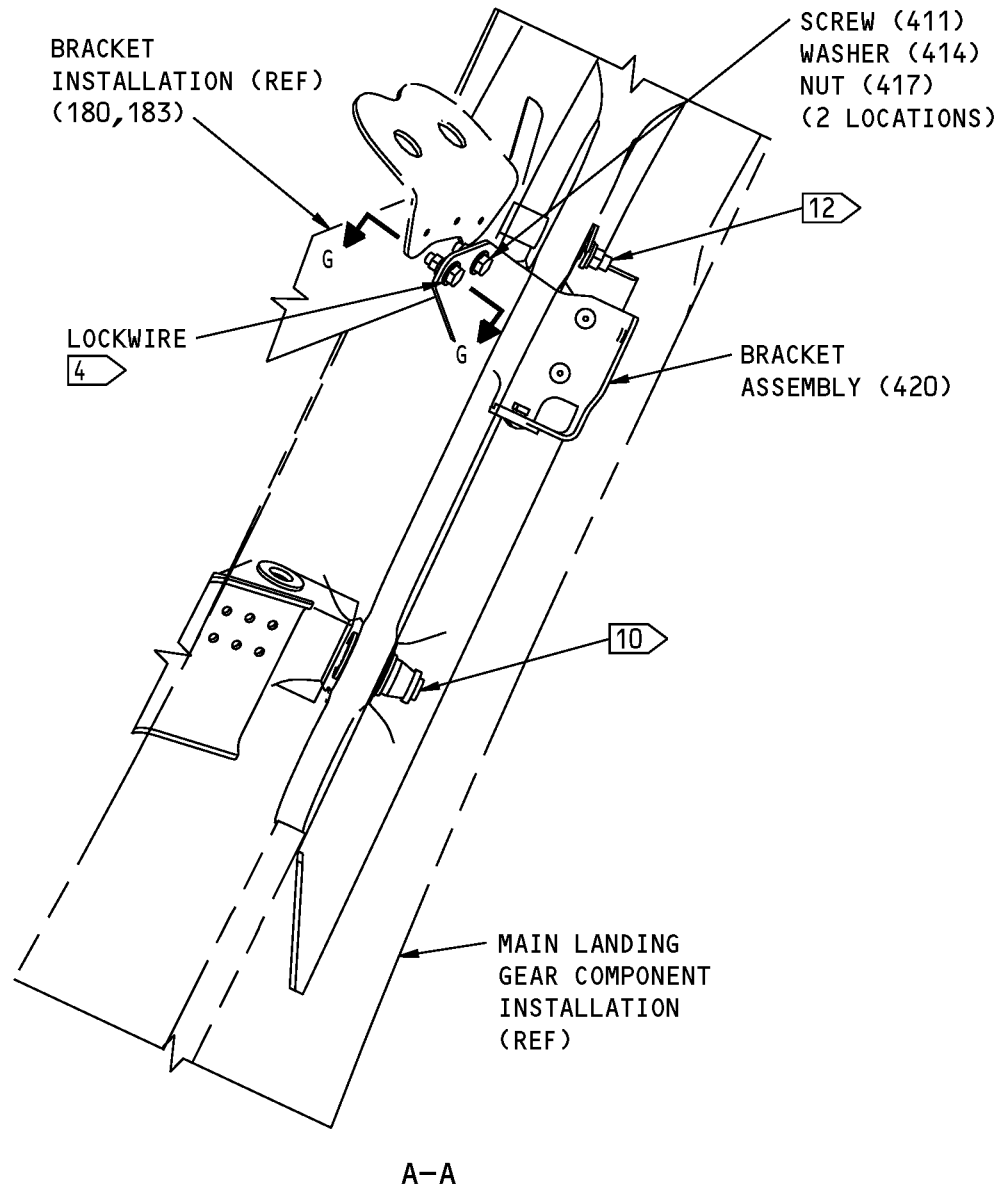
ASSEMBLY

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287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 7 of 22)

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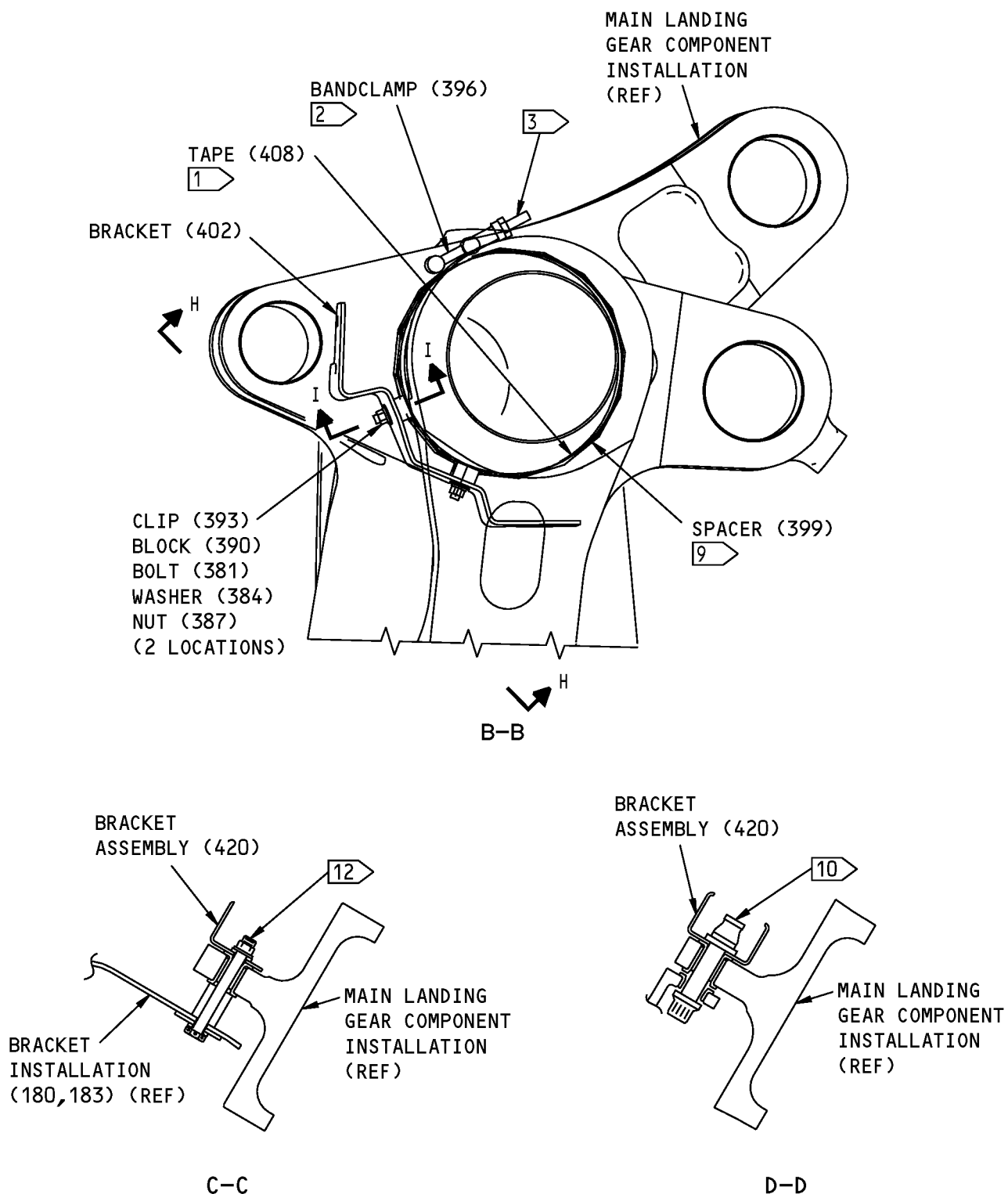
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 8 of 22)

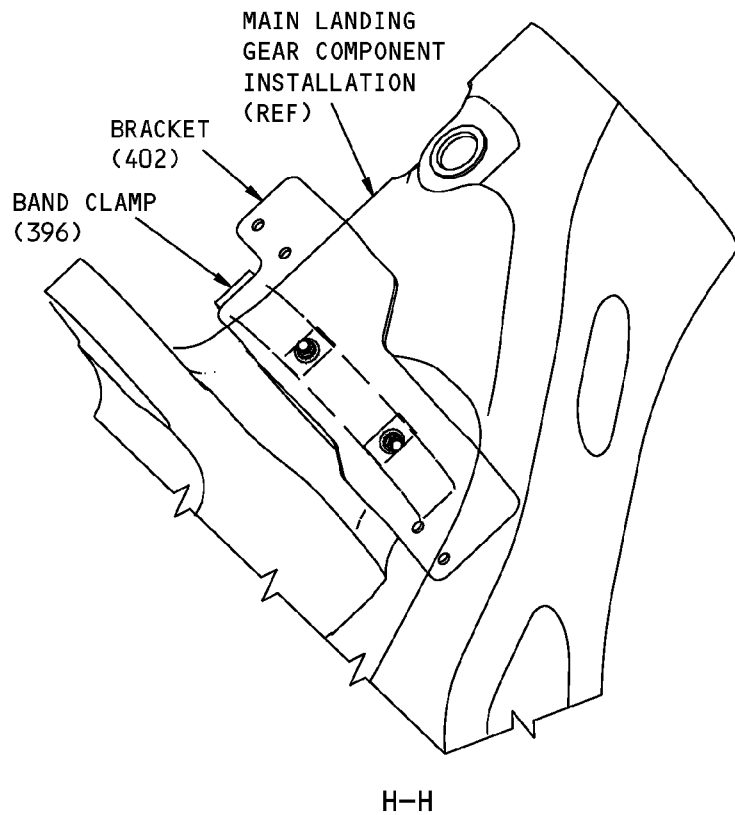
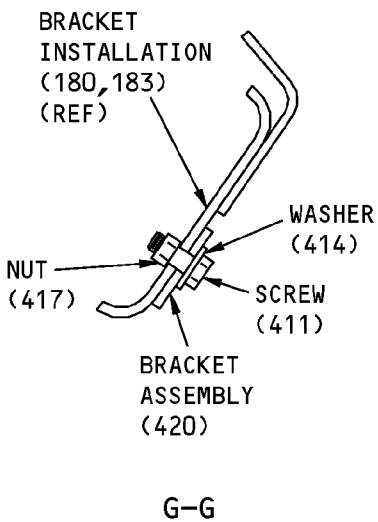
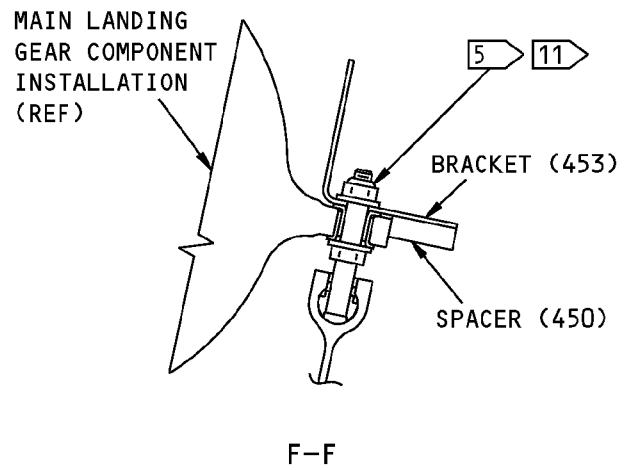
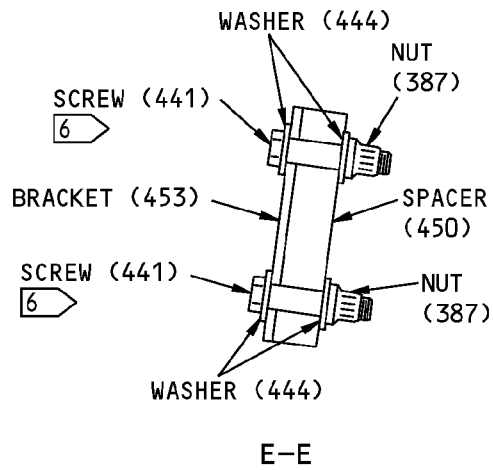
32-11-16

ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 9 of 22)

32-11-16

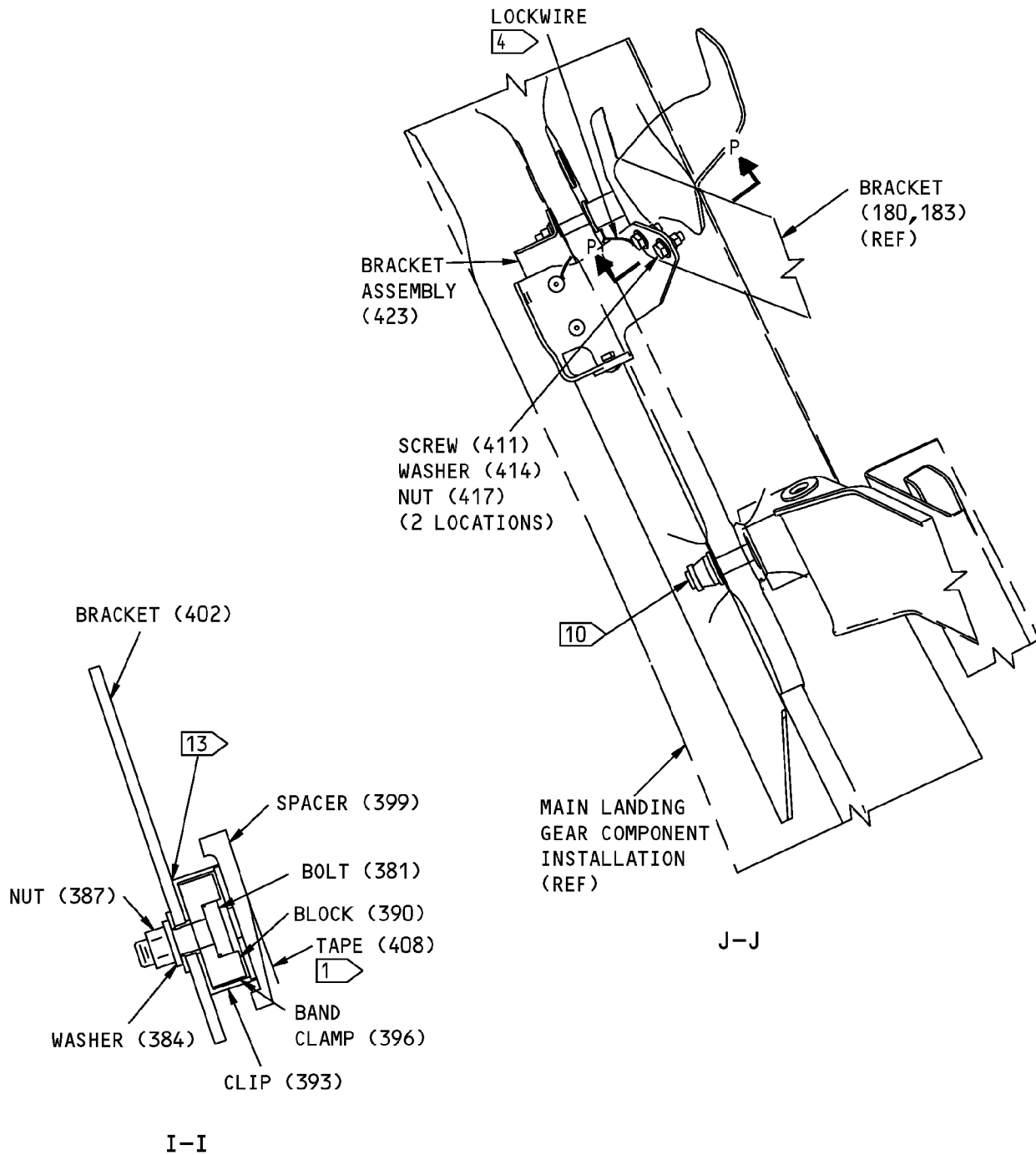
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 10 of 22)

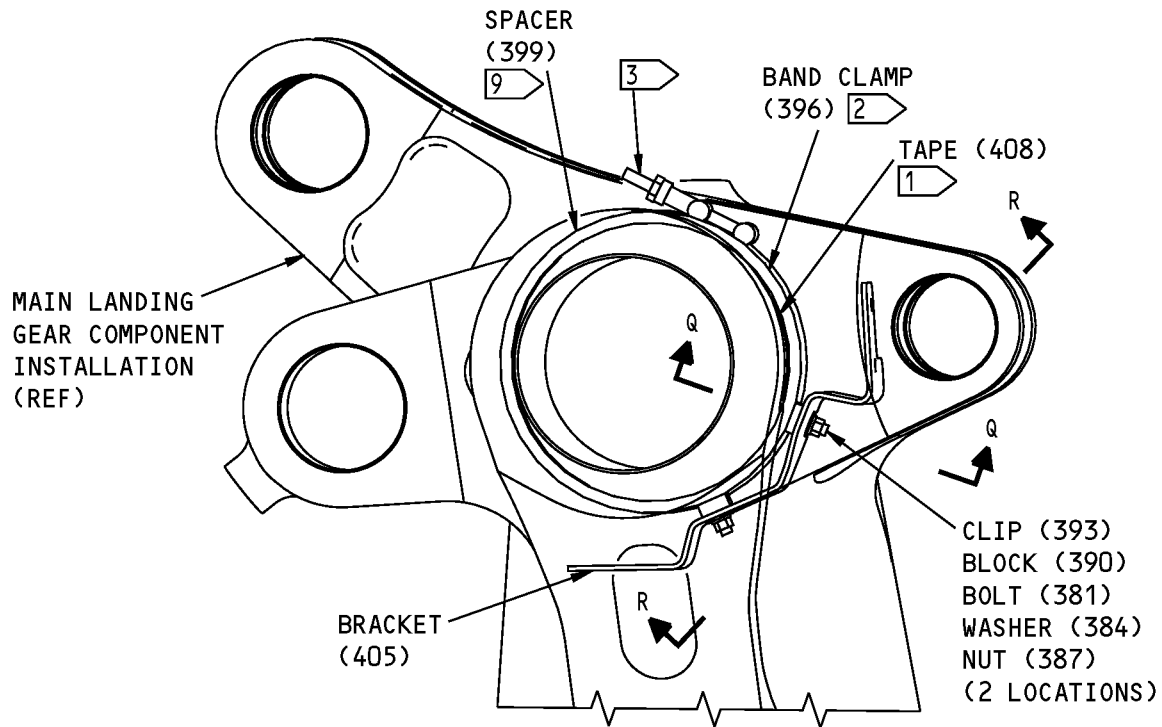
32-11-16

ASSEMBLY

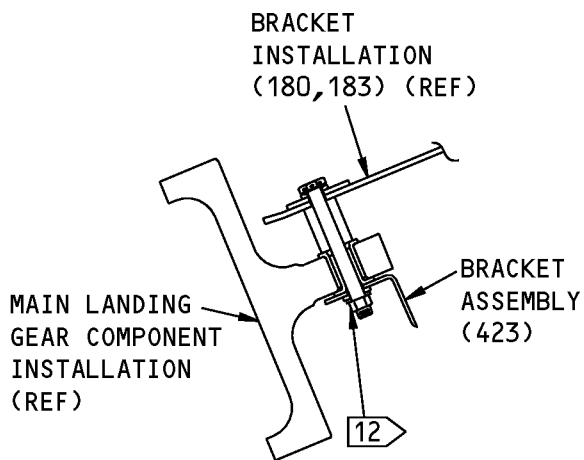
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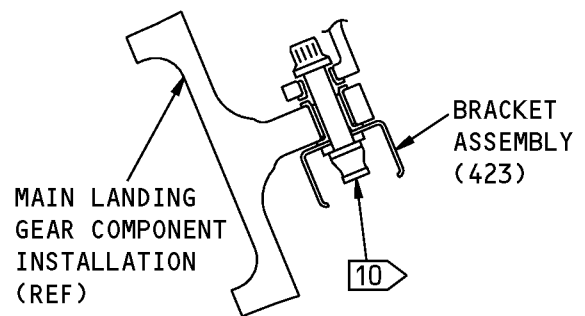
COMPONENT MAINTENANCE MANUAL



K-K



L-L



M-M

287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 11 of 22)

32-11-16

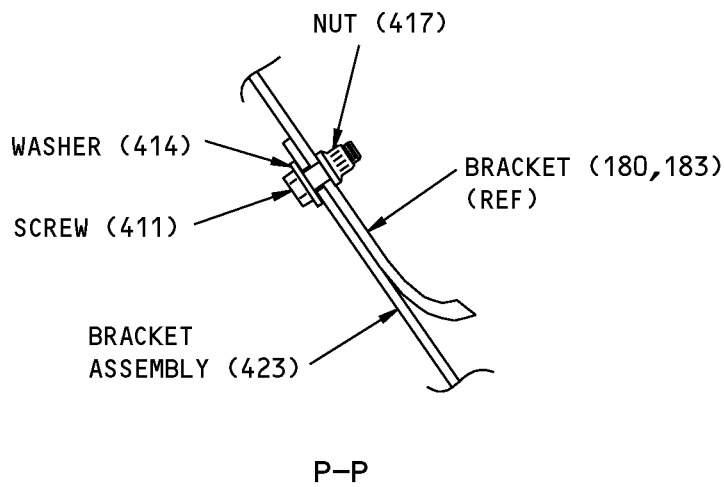
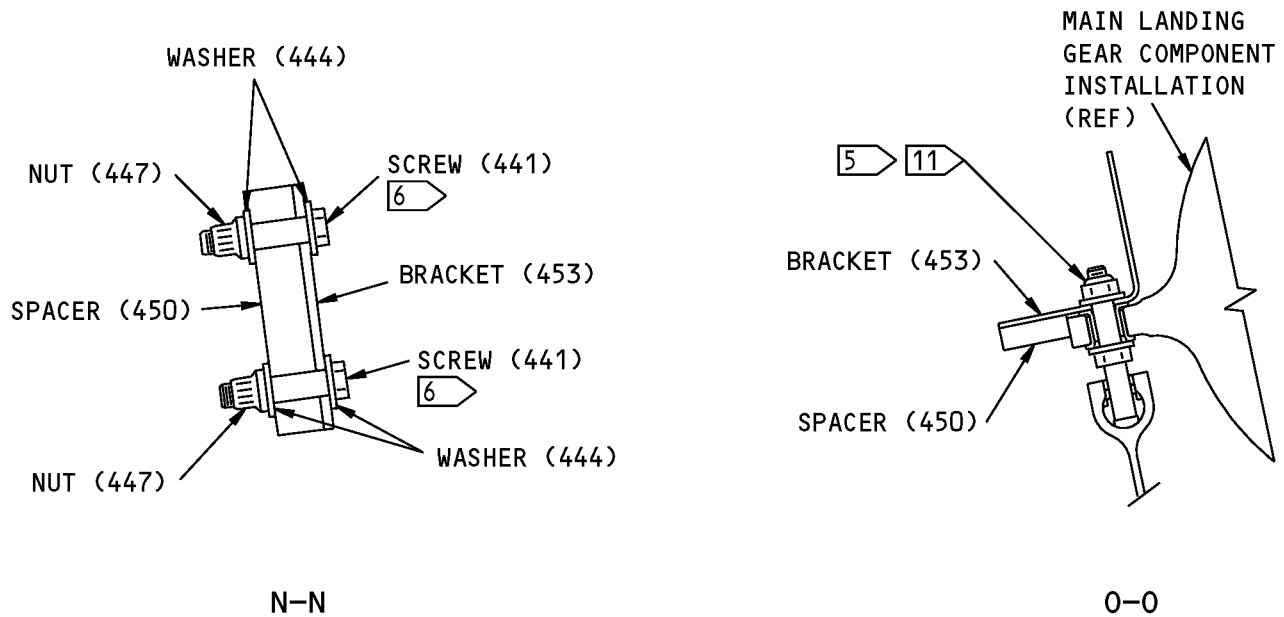
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 12 of 22)

32-11-16

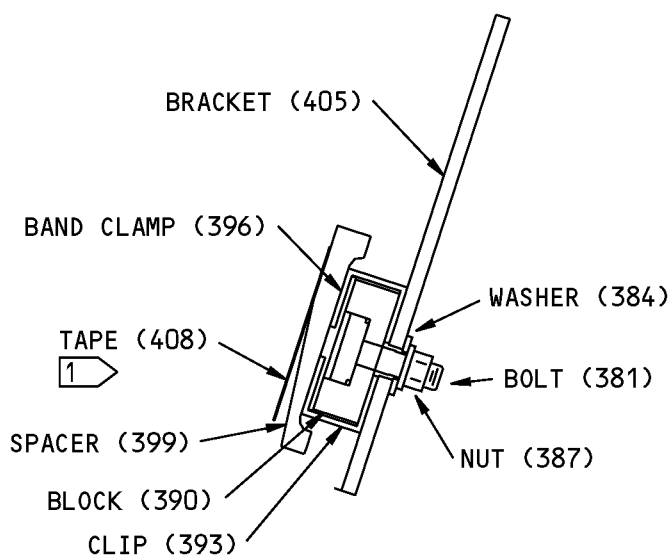
ASSEMBLY

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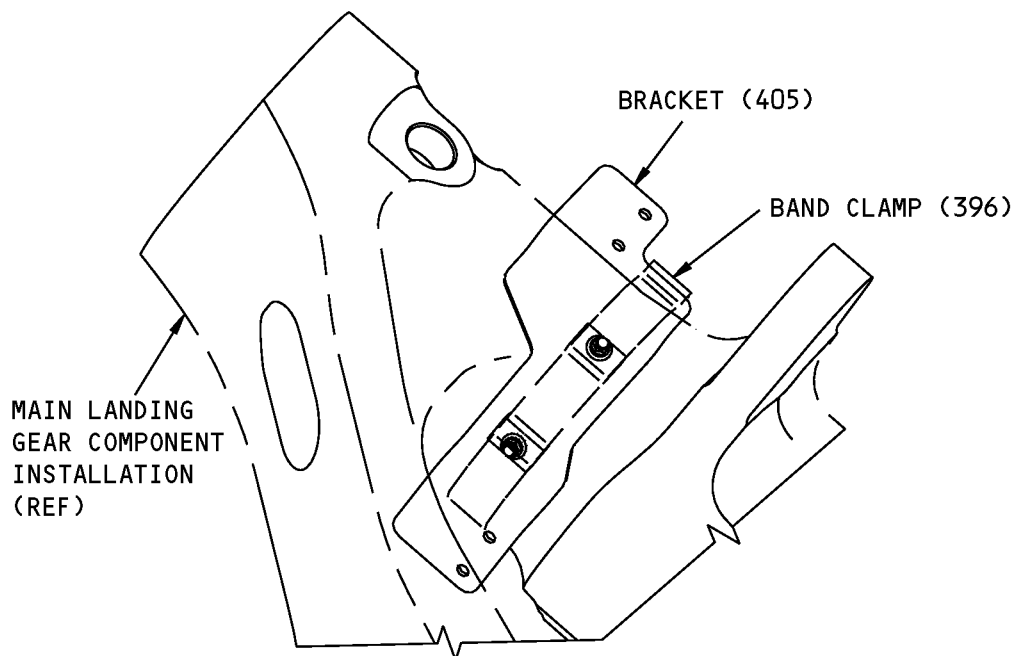
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COMPONENT MAINTENANCE MANUAL



Q-Q



R-R

287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 13 of 22)

32-11-16

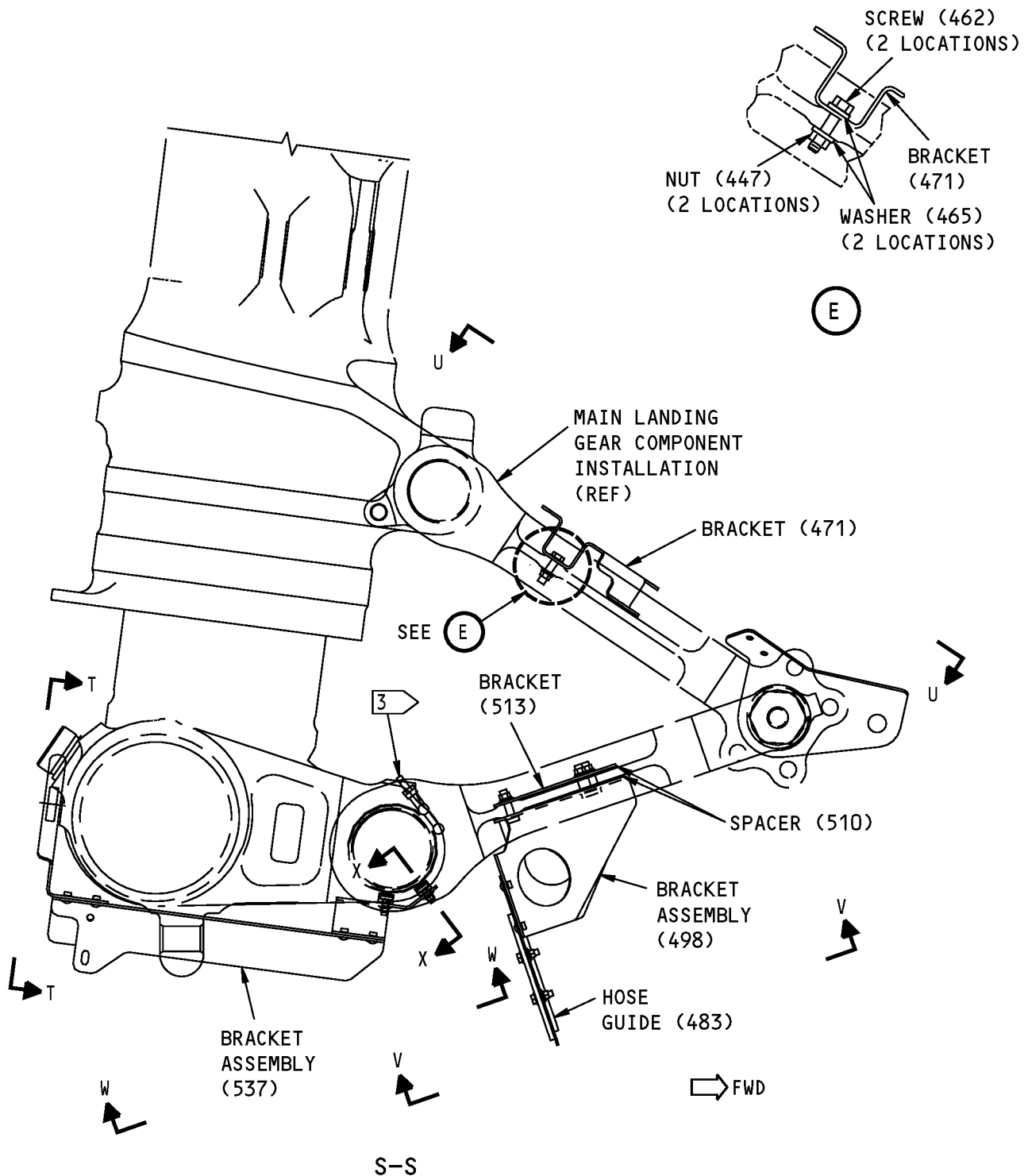
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 14 of 22)

32-11-16

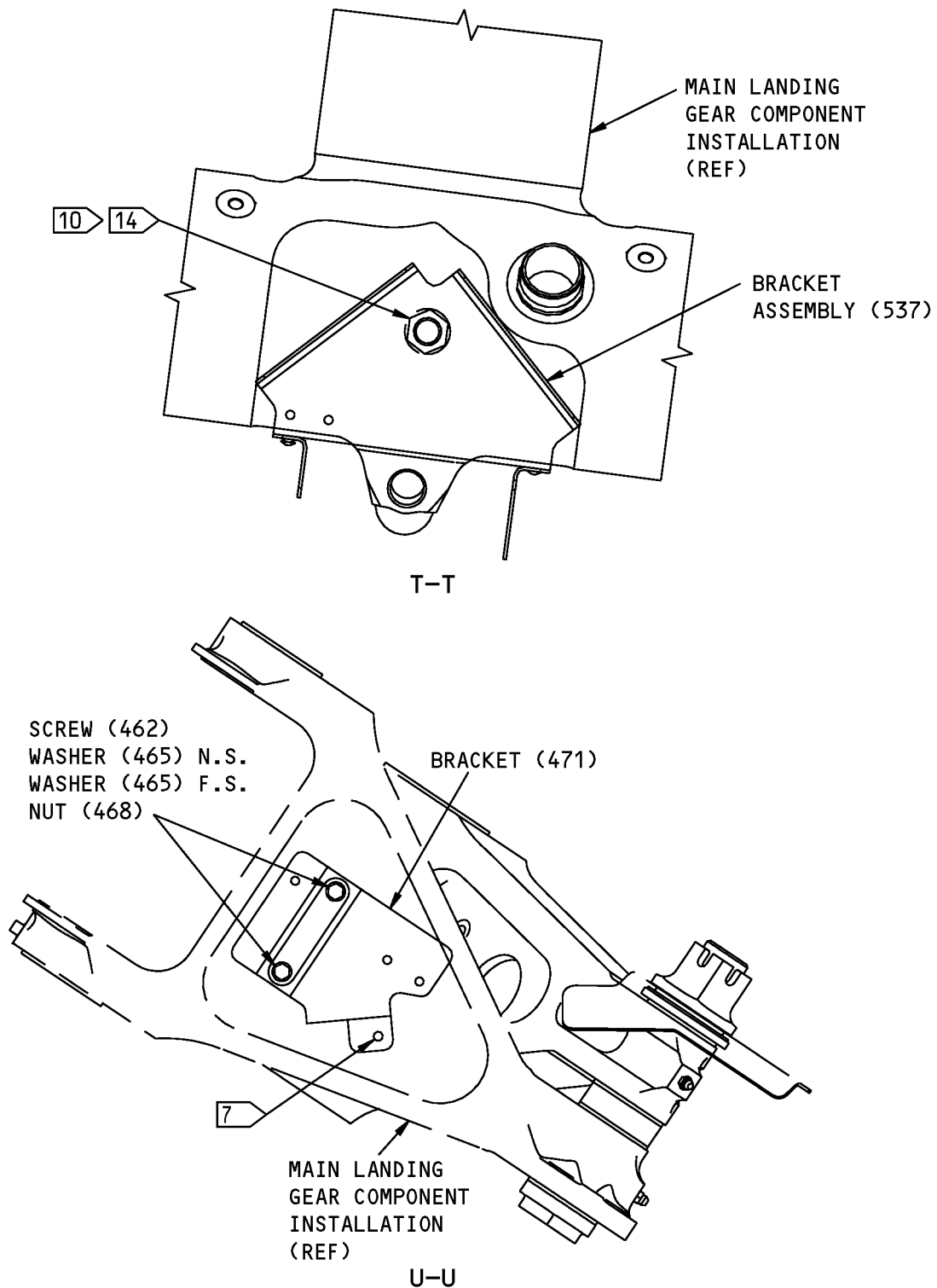
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



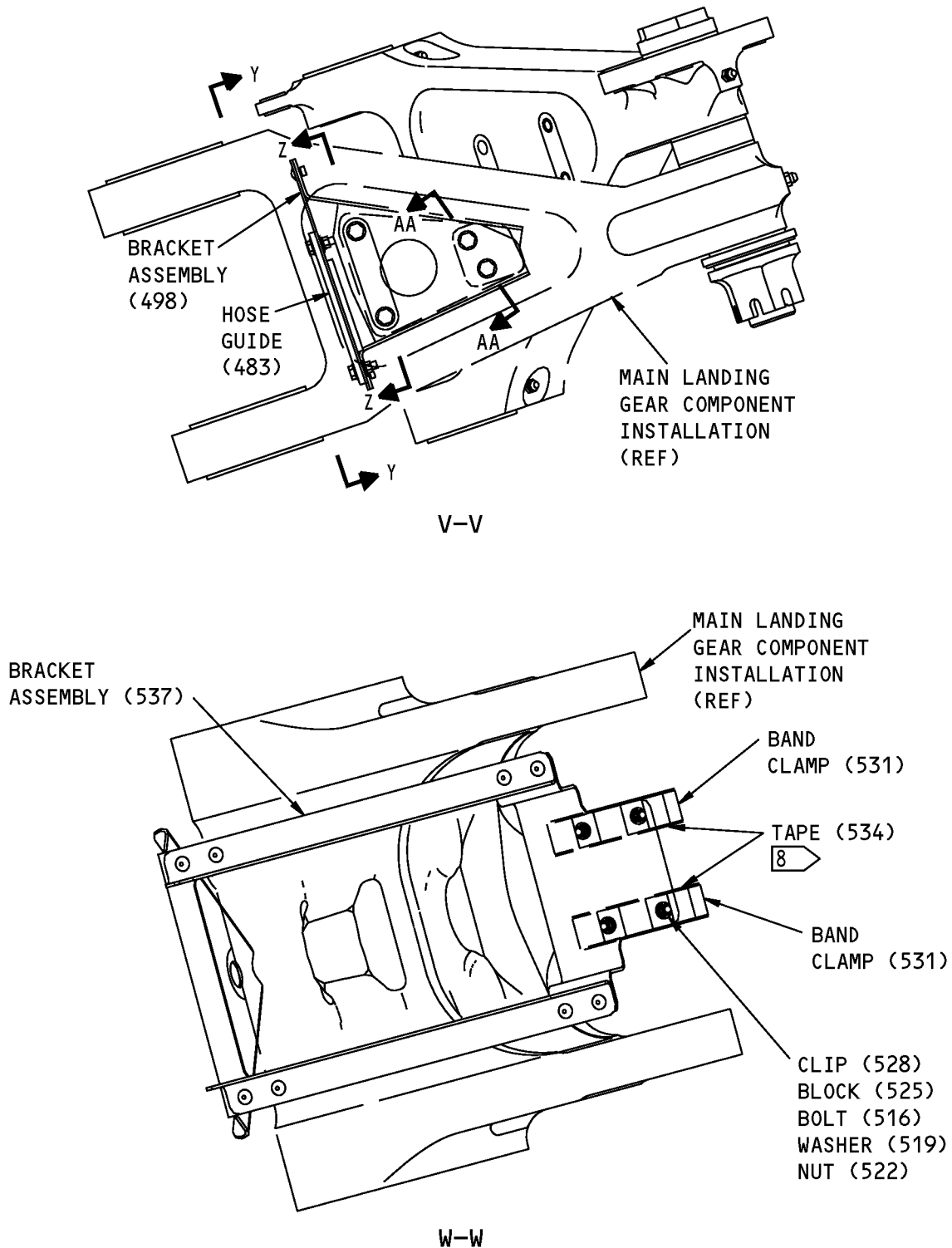
287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 15 of 22)

32-11-16

ASSEMBLY

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COMPONENT MAINTENANCE MANUAL

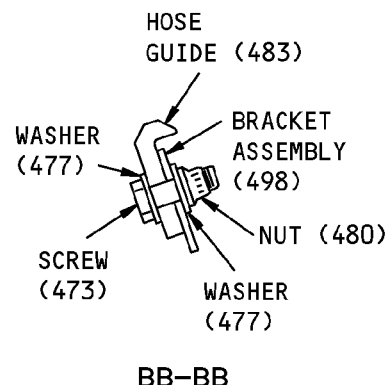
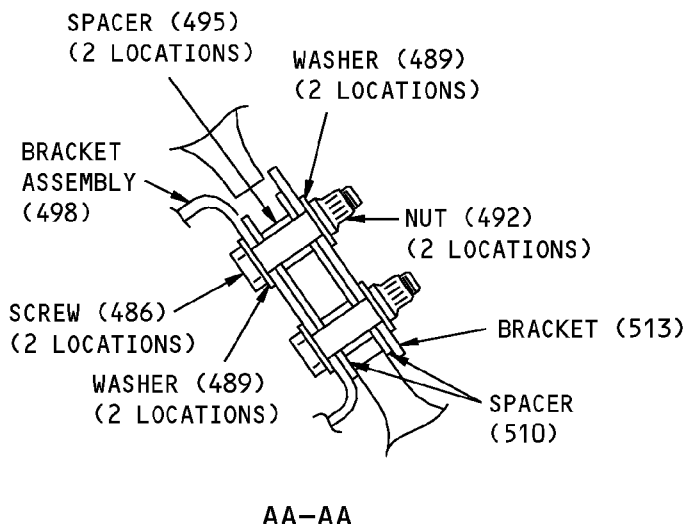
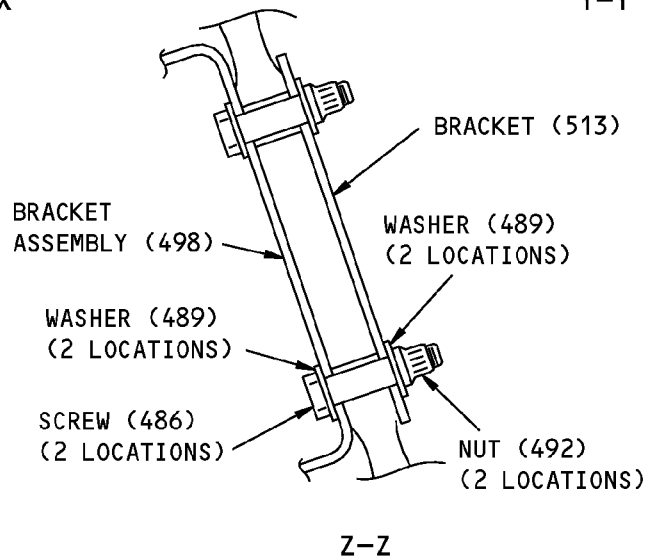
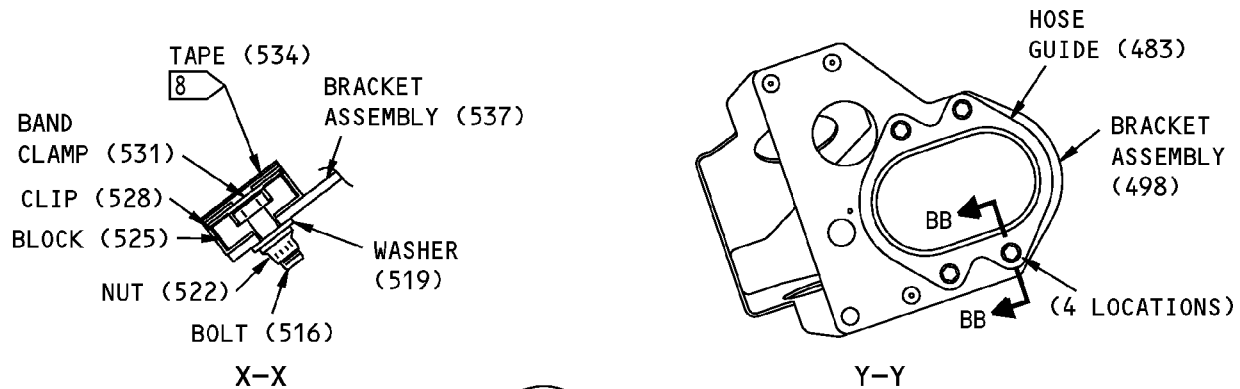
287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 16 of 22)

32-11-16

ASSEMBLY

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COMPONENT MAINTENANCE MANUAL

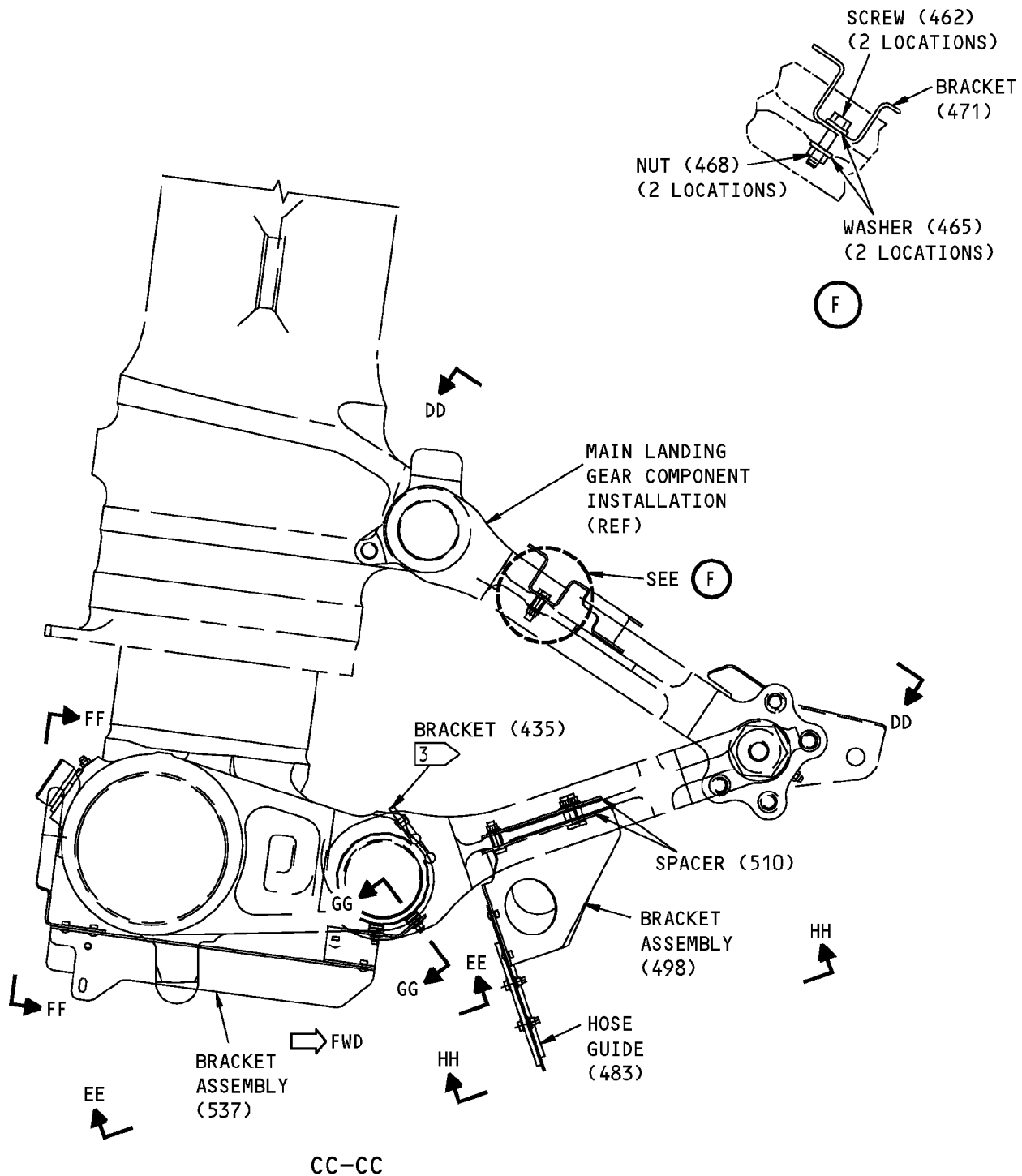
287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 17 of 22)

32-11-16

ASSEMBLY

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COMPONENT MAINTENANCE MANUAL

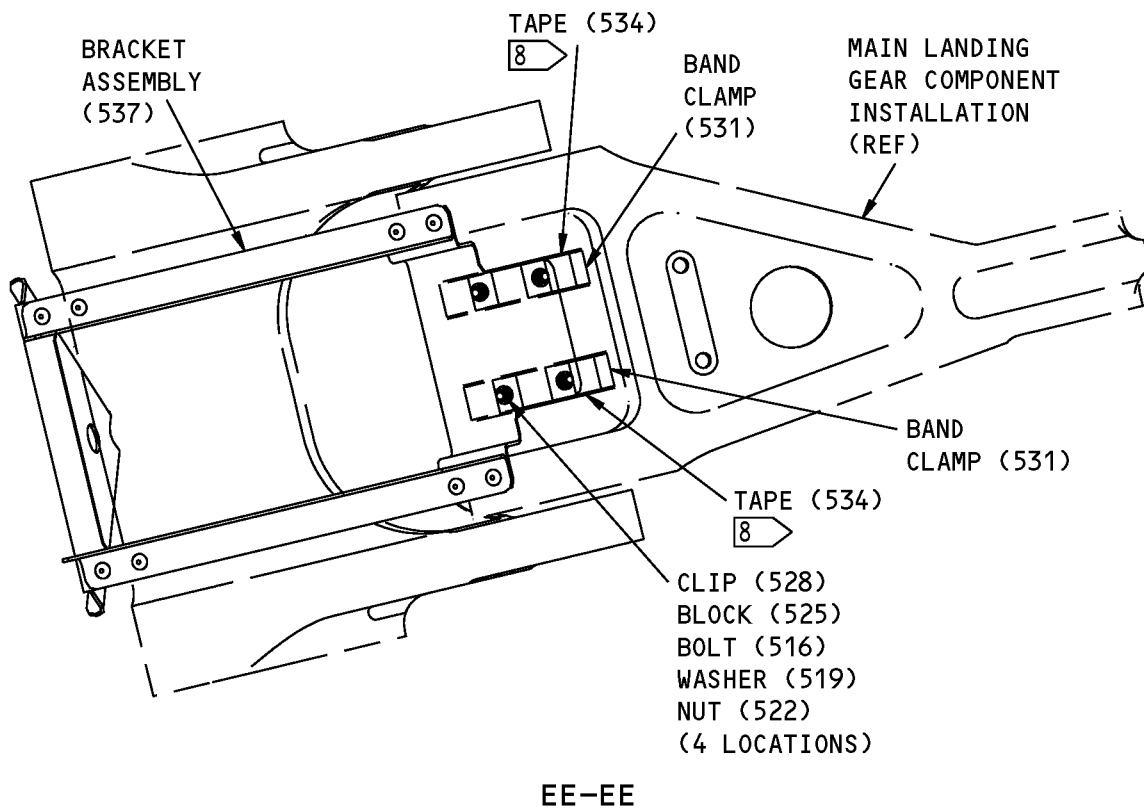
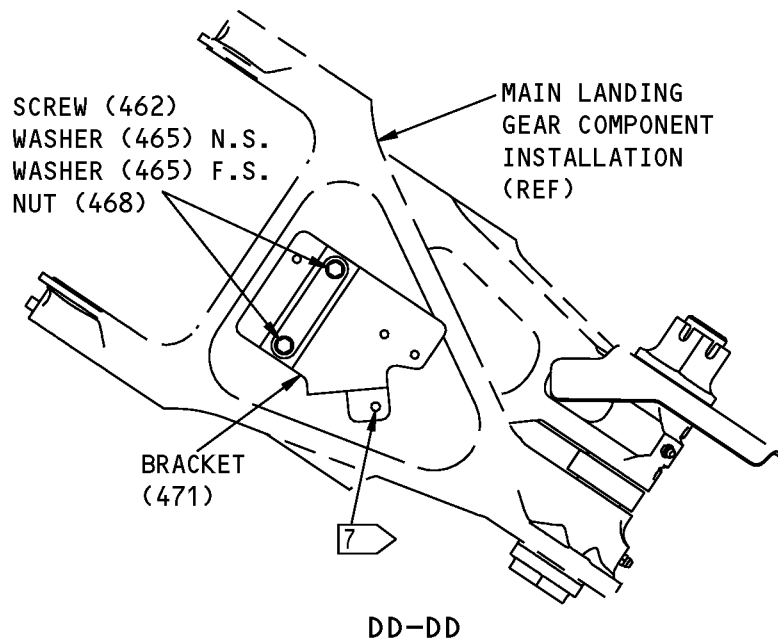
287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 18 of 22)

32-11-16

ASSEMBLY

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COMPONENT MAINTENANCE MANUAL

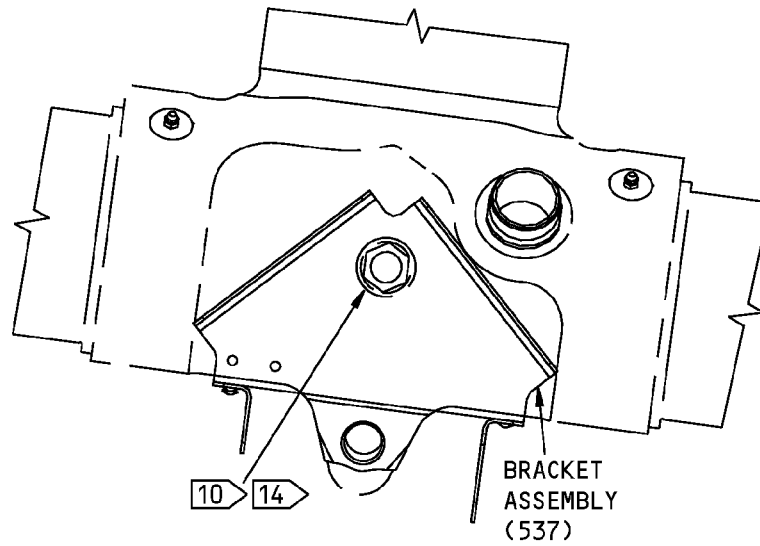
287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 19 of 22)

32-11-16

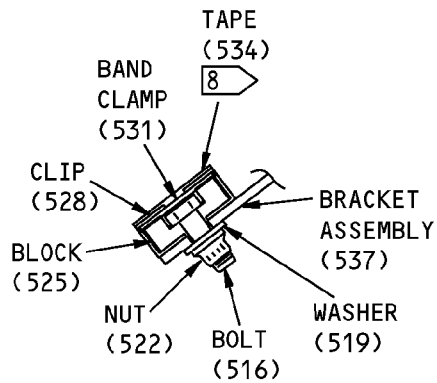
ASSEMBLY

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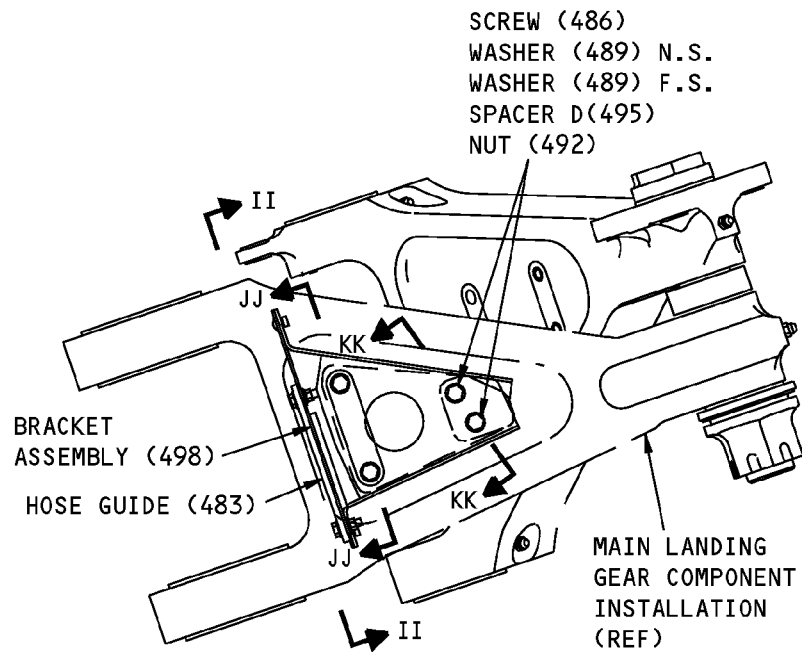
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COMPONENT MAINTENANCE MANUAL

FF-FF



GG-GG



HH-HH

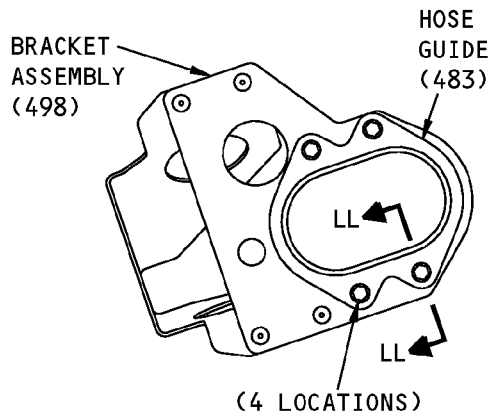
287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 20 of 22)

32-11-16

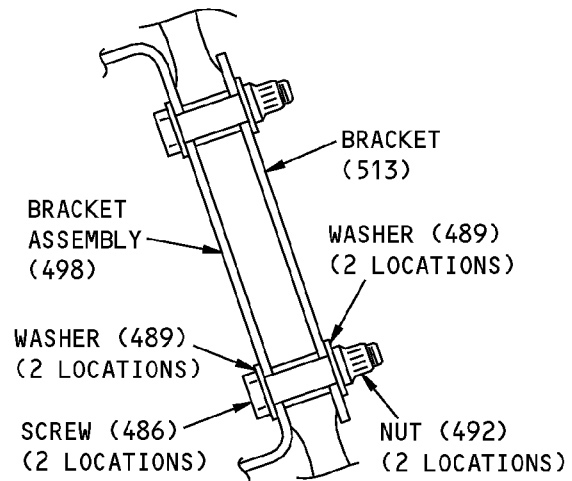
ASSEMBLY

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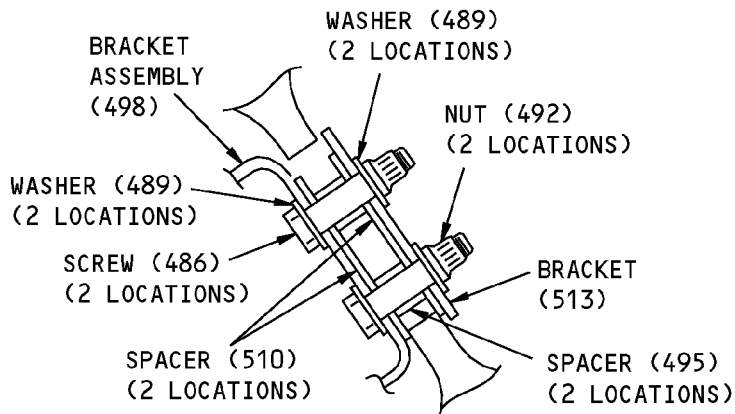
Mar 01/2006

COMPONENT MAINTENANCE MANUAL

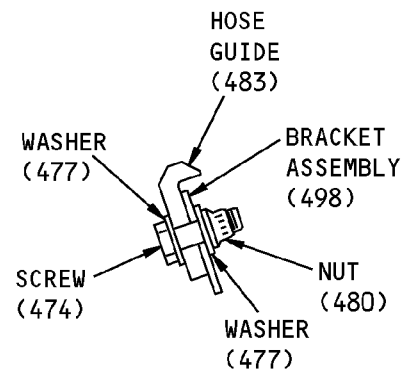
II-II



JJ-JJ



KK-KK



LL-LL

287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 21 of 22)

32-11-16

ASSEMBLY

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COMPONENT MAINTENANCE MANUAL

- 1 ADD TWO LAYERS OF 8412 TAPE BETWEEN THE BAND CLAMP AND THE STRUCTURE. APPLY THE TAPE TO THE SMALLEST DIAMETER OF THE TRUNNION. APPLY IT AS SHOWN IN BAC5801
- 2 ASSEMBLE THE BAND CLAMP AND THE BRACKET AS SHOWN. INSTALL THE BAND CLAMP OVER THE TAPED AREA. TIGHTEN THE BAND CLAMP FINGER TIGHT. THE MOUNTING STUDS FOR THE BRACKET ARE APPROXIMATELY 22.5° APART. THE MOUNTING SURFACES OF THE BRACKET ARE APPROXIMATELY PARALLEL WITH AND PERPENDICULAR TO THE LANDING GEAR CENTERLINE
- 3 TURN THE T-BOLT OF THE BAND CLAMP APPROXIMATELY AS SHOWN
- 4 INSTALL THE LOCKWIRE AROUND THE SCREWS (TOGETHER) (SOPM 20-50-02)
- 5 FOR SHIPPING, USE A ZIP-TIE TO TEMPORARILY ATTACH THE BRACKET. THE ZIP-TIE WILL BE REPLACED WITH THE FINAL FASTENER DURING THE CENTER DOOR INSTALLATION
- 6 TIGHTEN THE SCREWS FINGERTIGHT ONLY. ADJUST THE SPACER AND PUT THE LOCKWIRE ON THE SCREW ONLY YOU INSTALL THE MAIN LANDING GEAR CENTER DOOR
- 7 A BOLT WILL BE INSTALLED IN THIS HOLE (FIG. 707 OR 708)
- 8 ADD TWO LAYERS OF 8412 TAPE BETWEEN THE BAND CLAMP AND THE SPACER. APPLY THE TAPE TO THE SMALLEST DIAMETER OF THE SPACER. APPLY IT AS SHOWN IN BAC5801
- 9 INSTALL THE SPACER TO PUT THE GAP BETWEEN THE ENDS ON THE BOTTOM OF THE TRUNNION AND TO PUT THE THINNER SIDE NEARER TO THE CENTER OF THE LANDING GEAR
- 10 USE THE NUT AND WASHER FROM THE COMPONENT ASSEMBLY (CMM 32-11-12)
- 11 USE THE NUT AND WASHER FROM THE MAIN LANDING GEAR CENTER DOOR ASSEMBLY (CMM 32-13-23)
- 12 USE THE NUT AND WASHER FROM THE BRACKET INSTALLATION (FIG 702)
- 13 APPLY BMS 5-95 FAY SURFACE SEALANT HERE (SOPM 20-50-19)
- 14 SEE CMM 32-11-12 FOR THE FINAL TORQUE VALUE

ITEM NUMBERS REFER TO IPL FIG. 1

ALL DIMENSIONS ARE IN INCHES

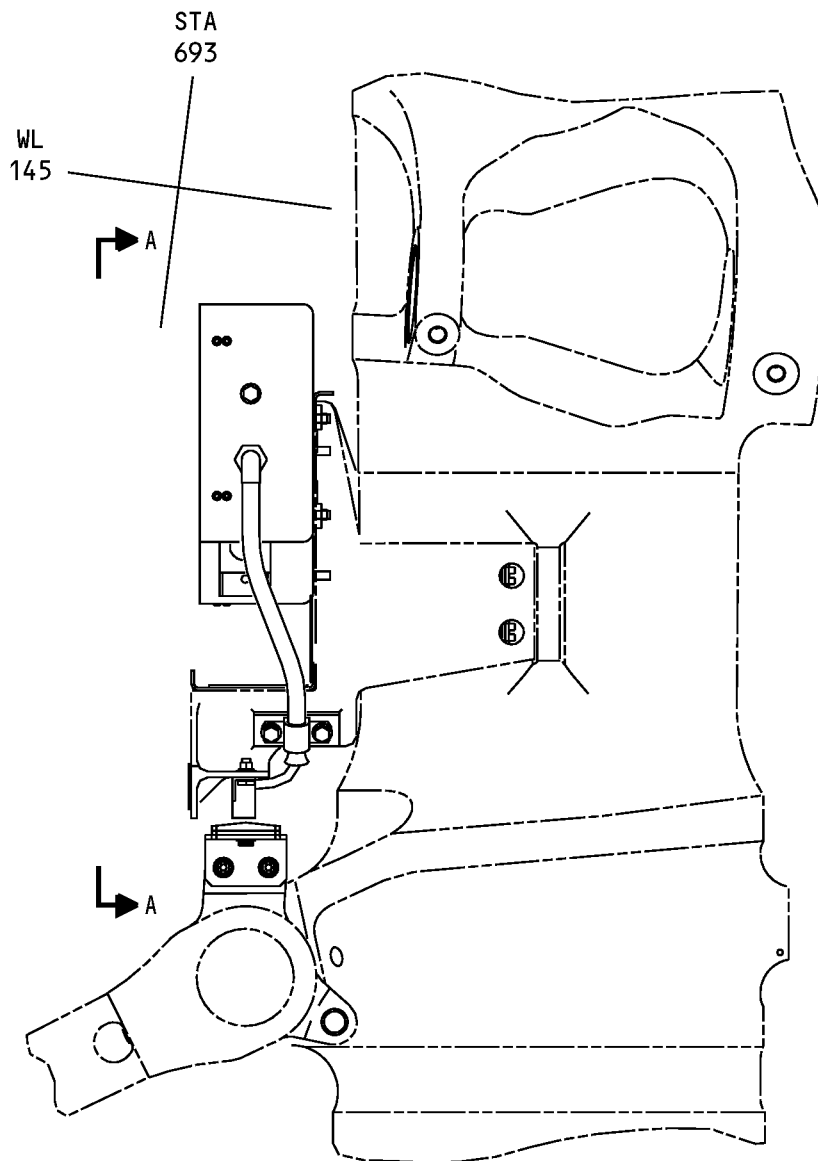
287A6105-1,-2,-7,-8,-11 thru -14 Bracket Installation
Figure 704 (Sheet 22 of 22)

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ASSEMBLY

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COMPONENT MAINTENANCE MANUAL

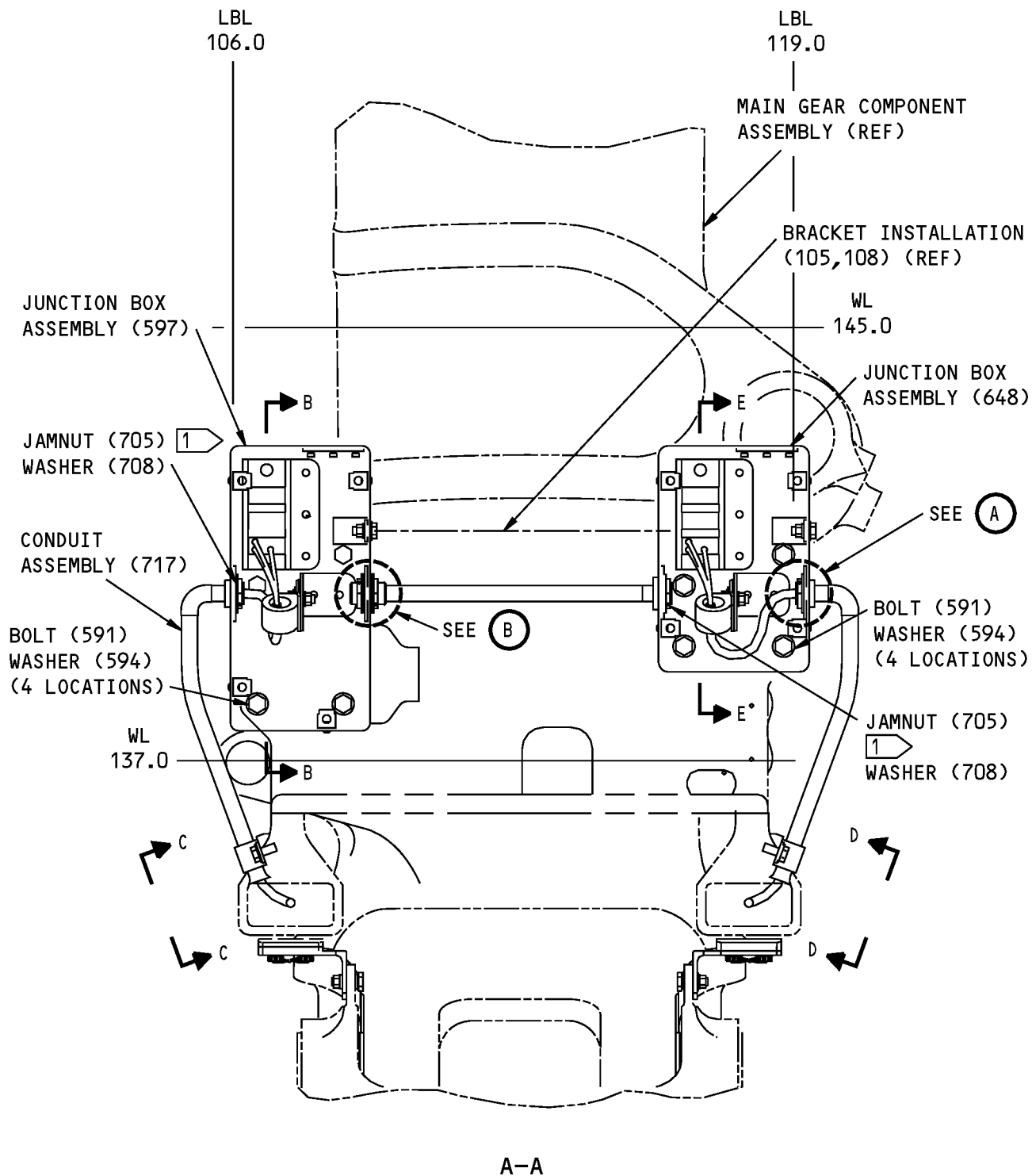
287A6107-1,-3 Junction Box Installation
Figure 705 (Sheet 1 of 5)

32-11-16

ASSEMBLY

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COMPONENT MAINTENANCE MANUAL

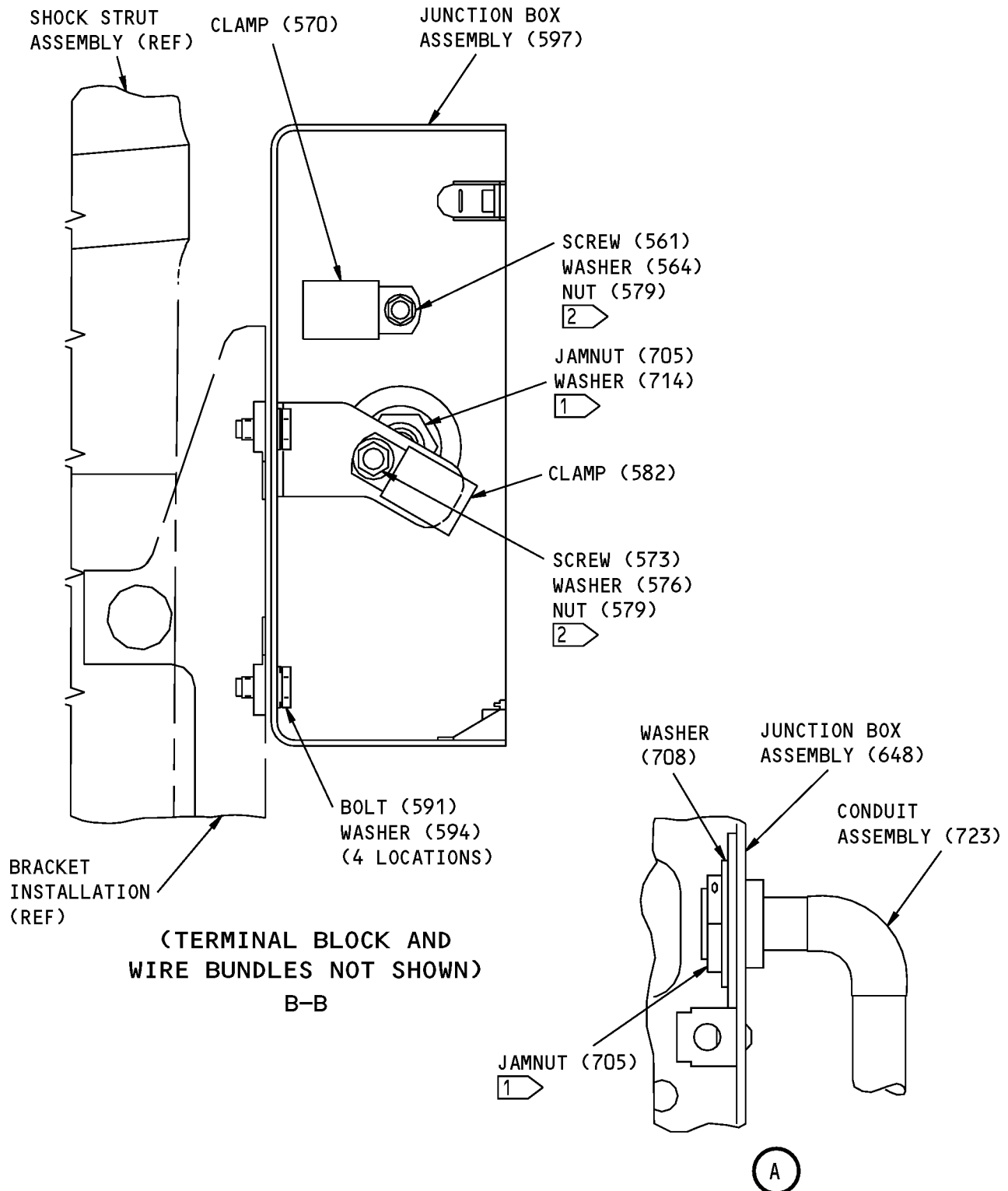
287A6107-1,-3 Junction Box Installation
Figure 705 (Sheet 2 of 5)

32-11-16

ASSEMBLY

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COMPONENT MAINTENANCE MANUAL

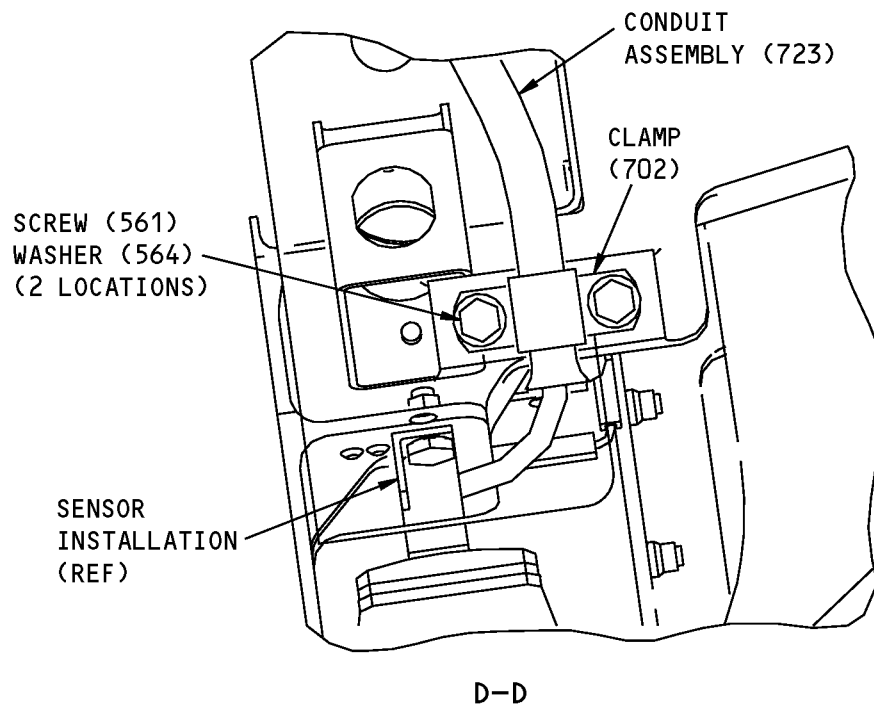
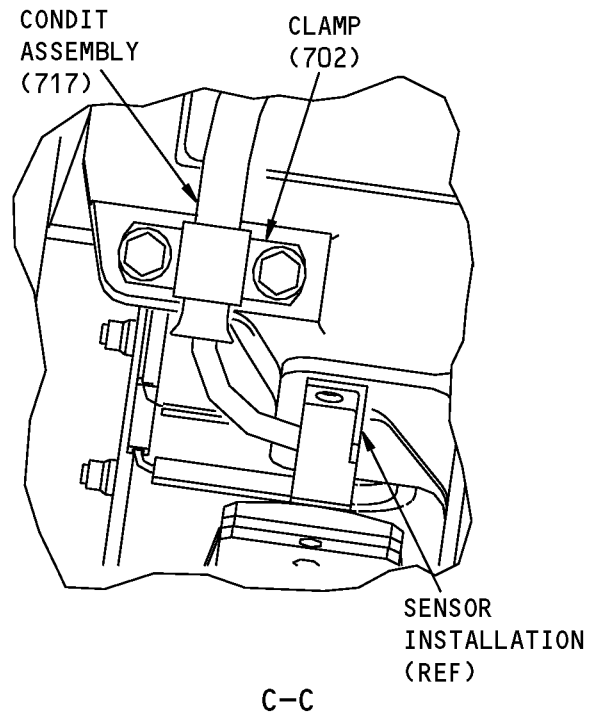
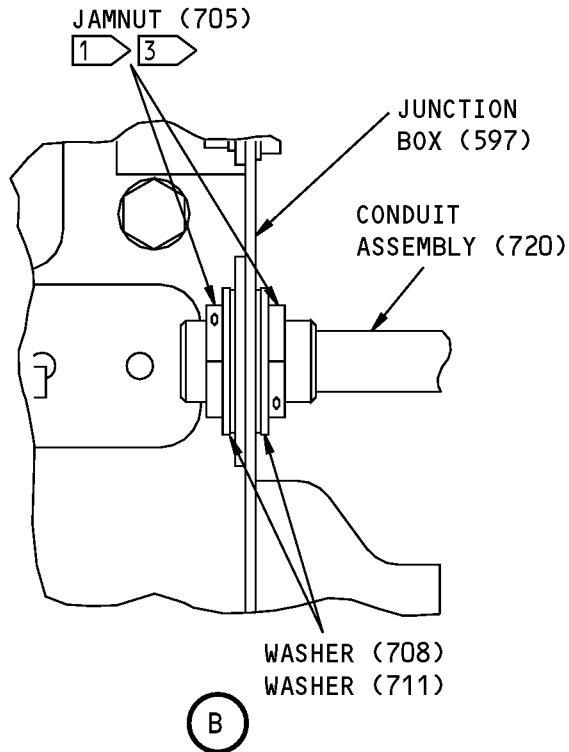
287A6107-1,-3 Junction Box Installation
Figure 705 (Sheet 3 of 5)

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ASSEMBLY

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COMPONENT MAINTENANCE MANUAL

287A6107-1,-3 Junction Box Installation
Figure 705 (Sheet 4 of 5)

32-11-16

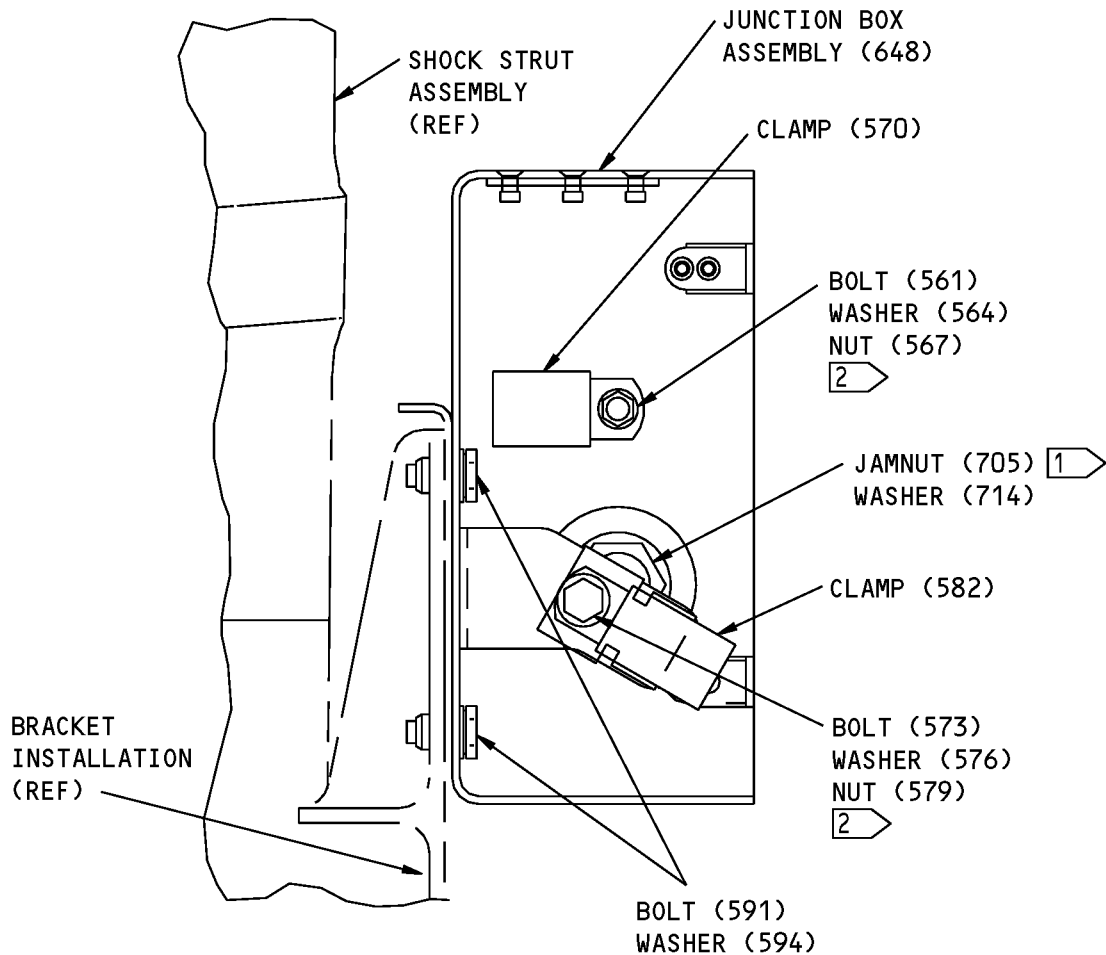
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



(TERMINAL BLOCK AND WIRE BUNDLE NOT SHOWN)
E-E

- 1 TIGHTEN TO 50 POUND-INCHES
MAXIMUM
- 2 HAND-TIGHTEN
- 3 ADJUST THE LOCATION OF THE JAM
NUTS ON THE CONDUIT ASSEMBLY
(720) UNTIL THE FLANGE ON THE
OPPOSITE END OF THE CONDUIT
ASSEMBLY IS AGAINST THE JUNCTION
BOX ASSEMBLY

ITEM NUMBERS REFER TO IPL FIG. 1

287A6107-1,-3 Junction Box Installation
Figure 705 (Sheet 5 of 5)

32-11-16

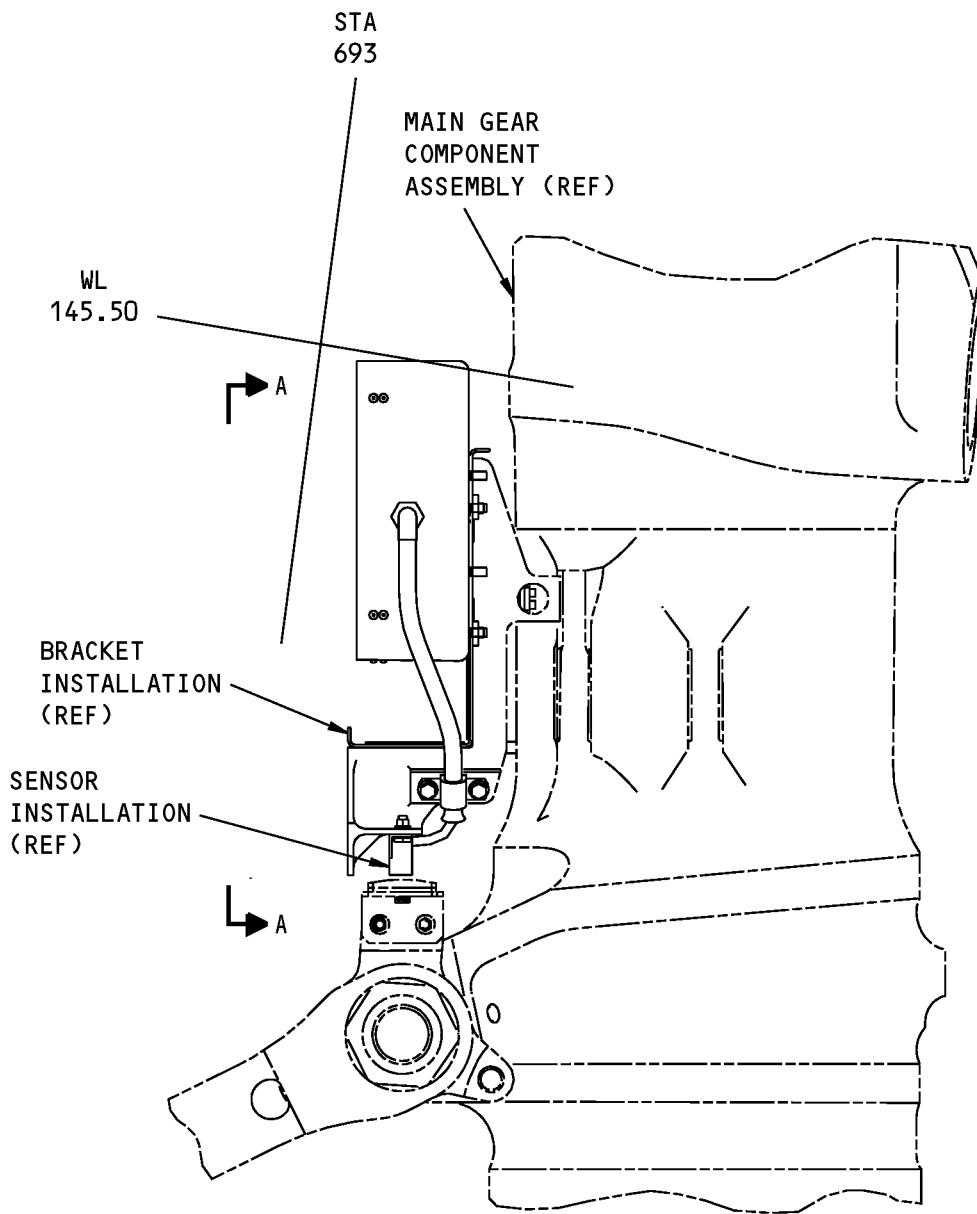
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



287A6107-2,-4 Junction Box Installation
Figure 706 (Sheet 1 of 5)

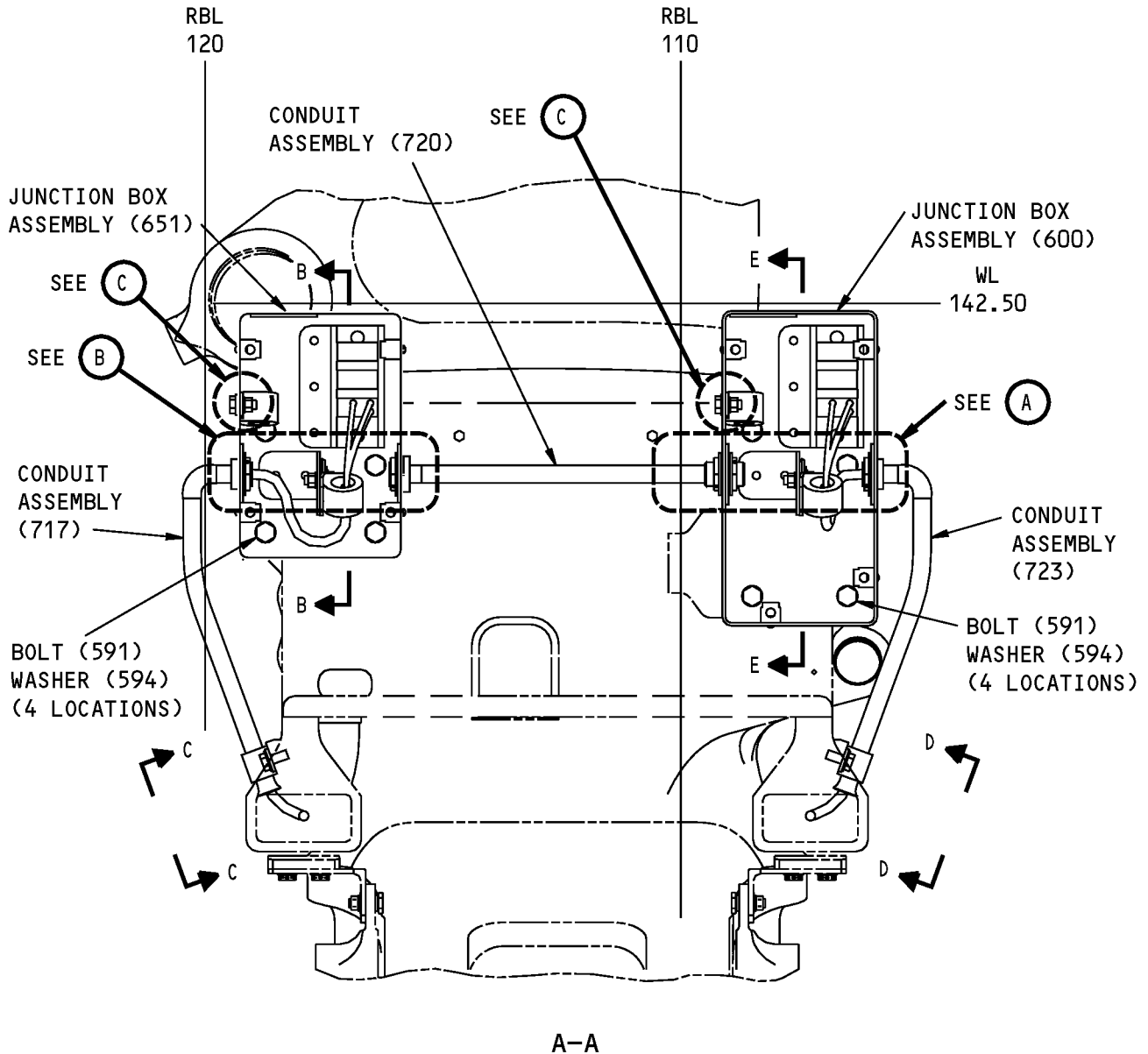
32-11-16

ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



287A6107-2,-4 Junction Box Installation
Figure 706 (Sheet 2 of 5)

32-11-16

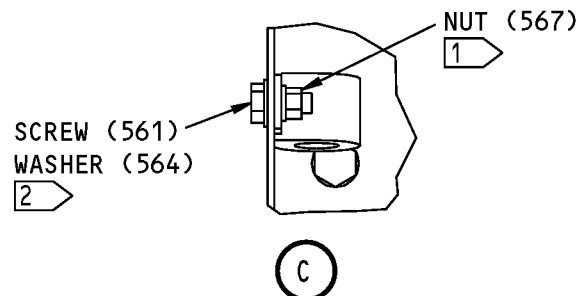
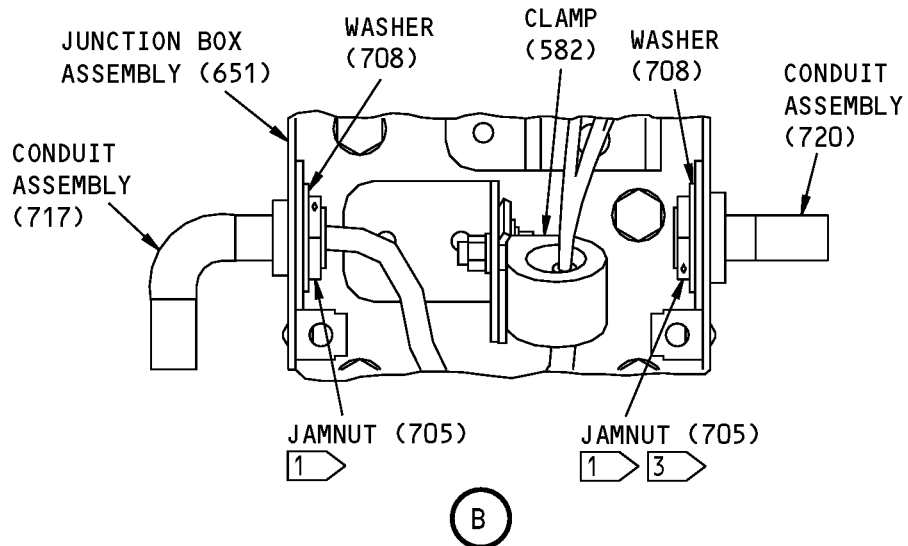
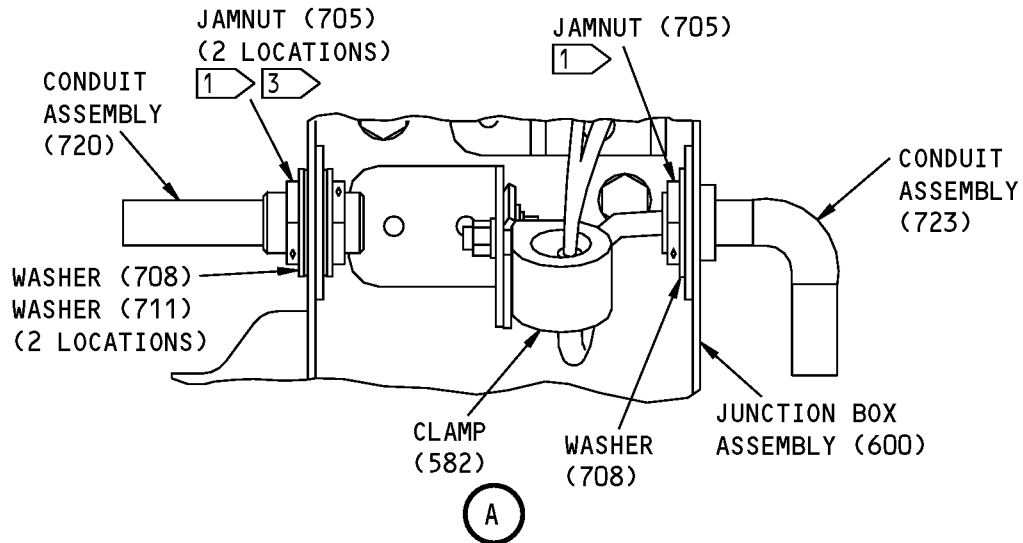
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



287A6107-2,-4 Junction Box Installation
Figure 706 (Sheet 3 of 5)

32-11-16

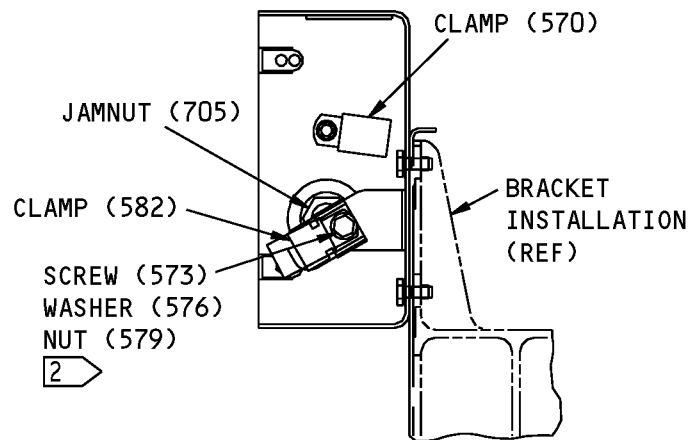
ASSEMBLY

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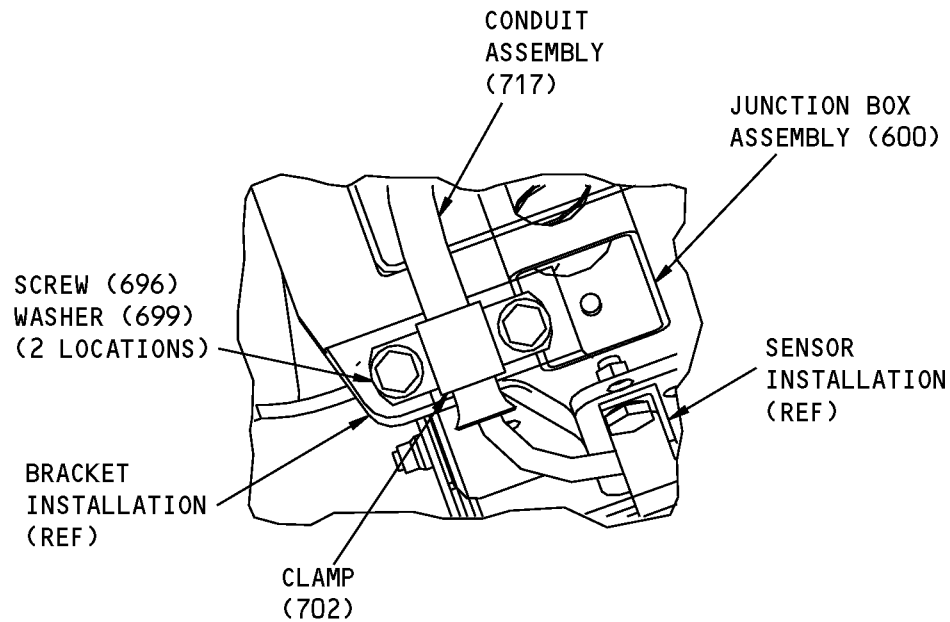
Mar 01/2006



COMPONENT MAINTENANCE MANUAL



B-B



C-C

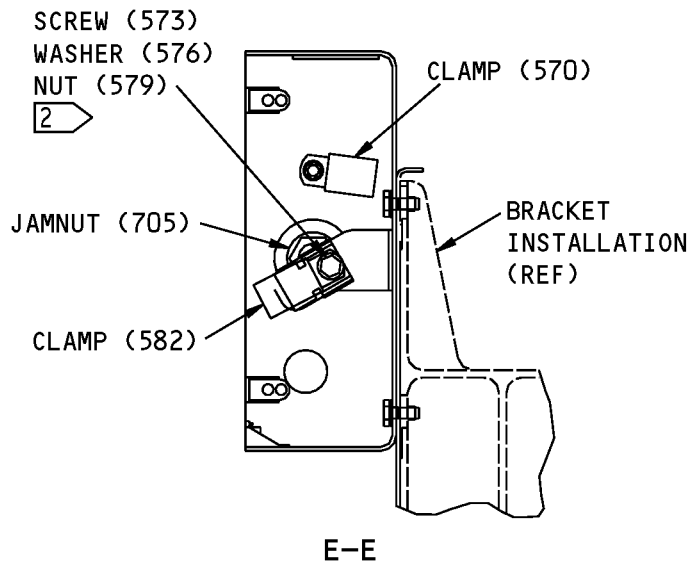
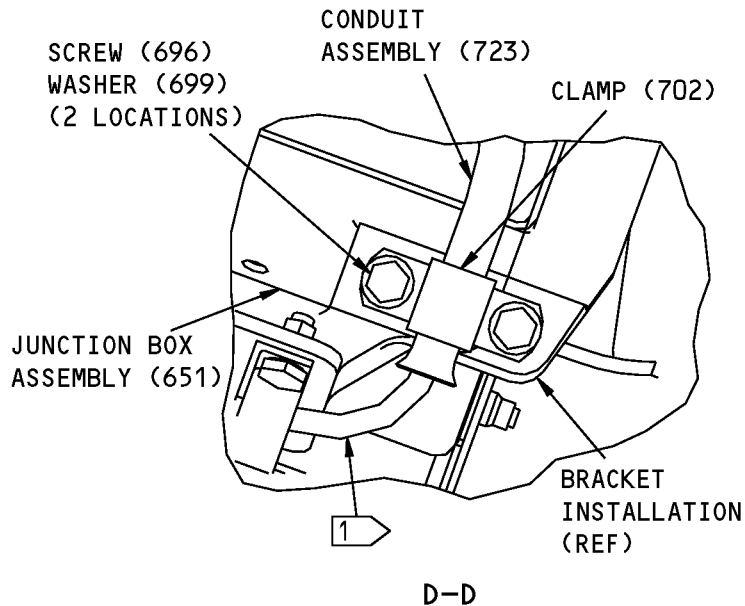
287A6107-2,-4 Junction Box Installation
Figure 706 (Sheet 4 of 5)

32-11-16

ASSEMBLY

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COMPONENT MAINTENANCE MANUAL

- 1 TIGHTEN TO 50 POUND-INCHES
MAXIMUM
- 2 HAND-TIGHTEN
- 3 ADJUST THE LOCATION OF THE JAM
NUTS ON THE CONDUIT ASSEMBLY
(720) UNTIL THE FLANGE ON THE
OPPOSITE END OF THE CONDUIT
ASSEMBLY IS AGAINST THE JUNCTION
BOX ASSEMBLY

ITEM NUMBERS REFER TO IPL FIG. 1

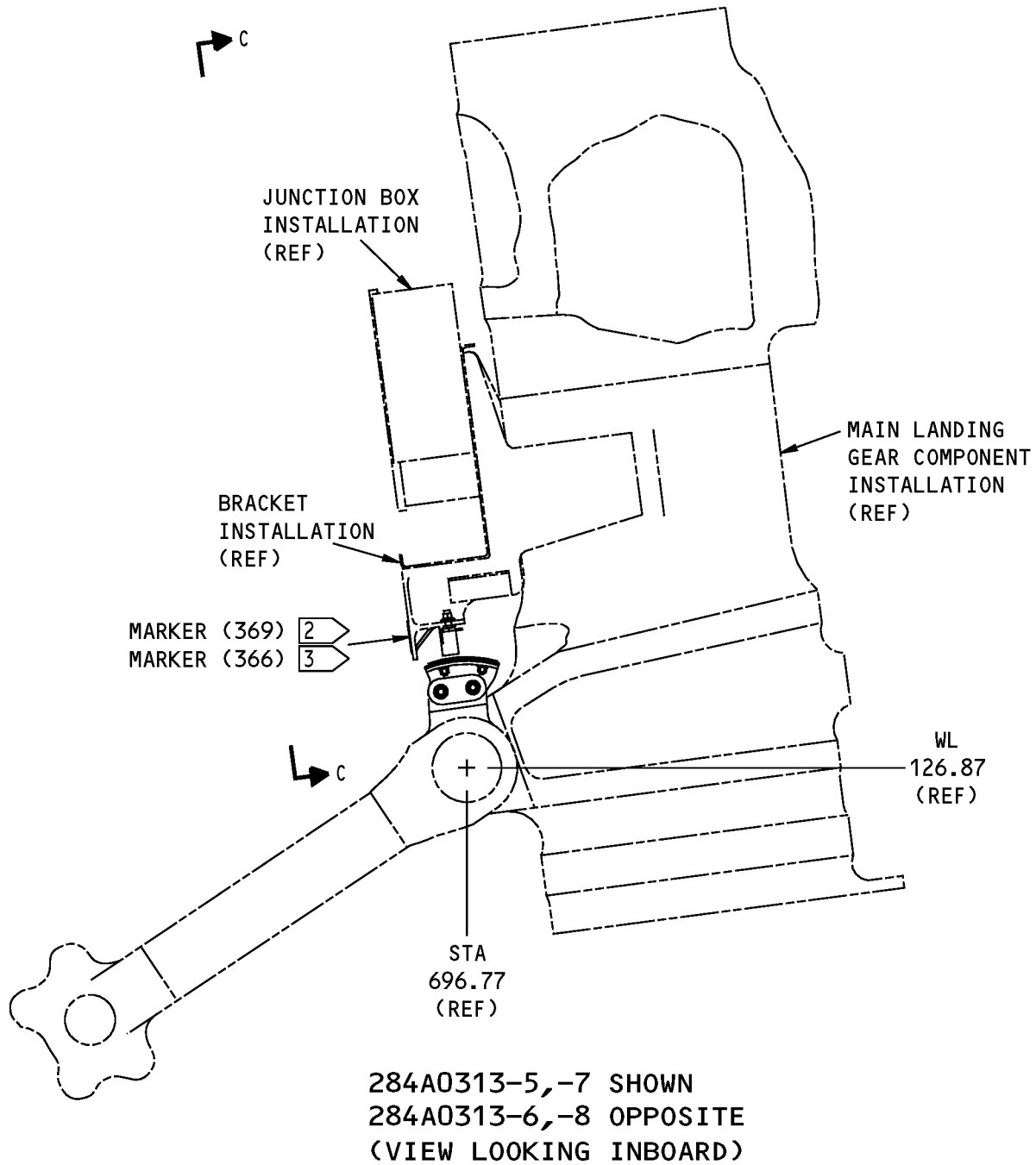
287A6107-2,-4 Junction Box Installation
Figure 706 (Sheet 5 of 5)

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ASSEMBLY
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COMPONENT MAINTENANCE MANUAL



284A0313-5 thru -8 Sensor Installation
Figure 707 (Sheet 1 of 3)

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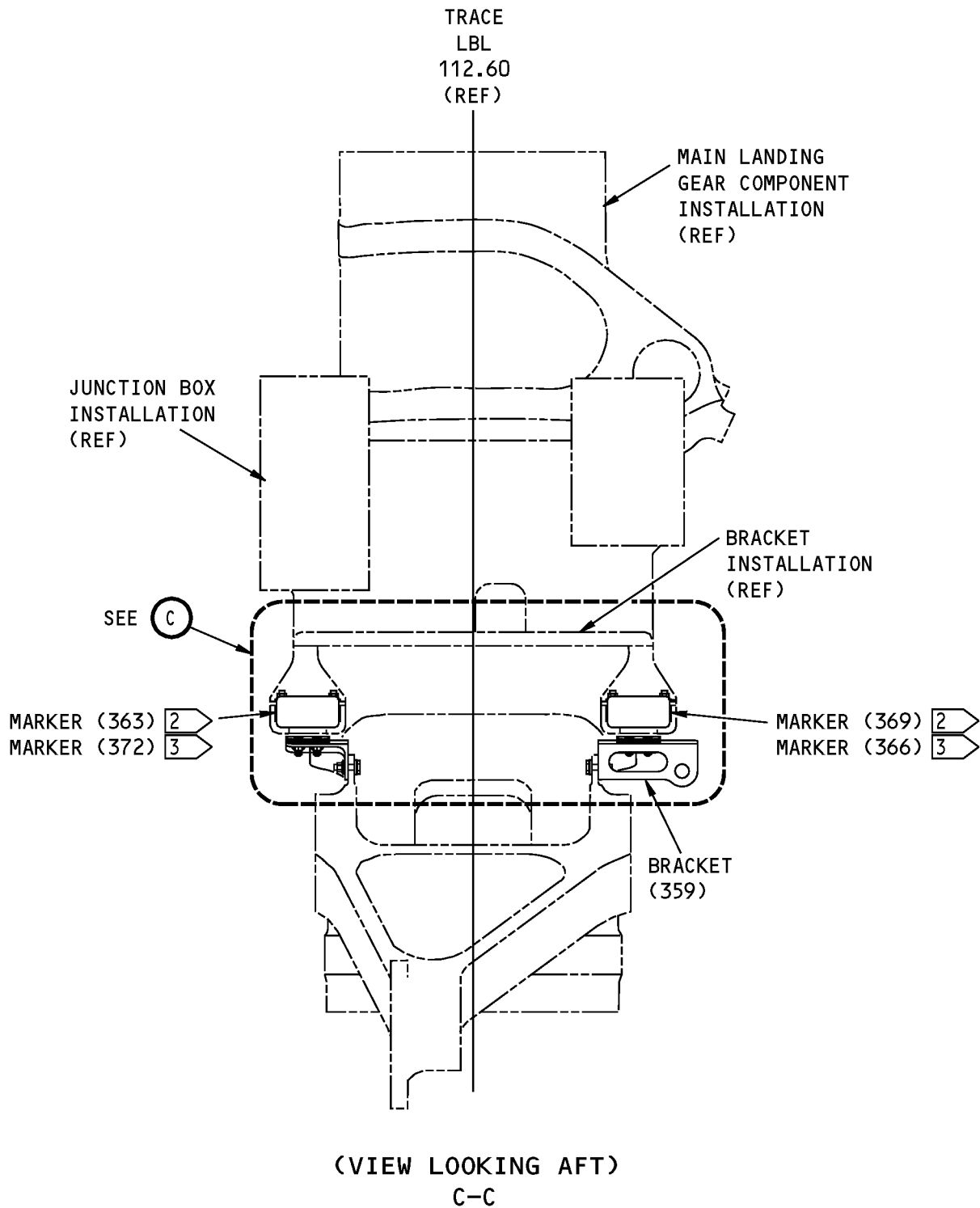
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



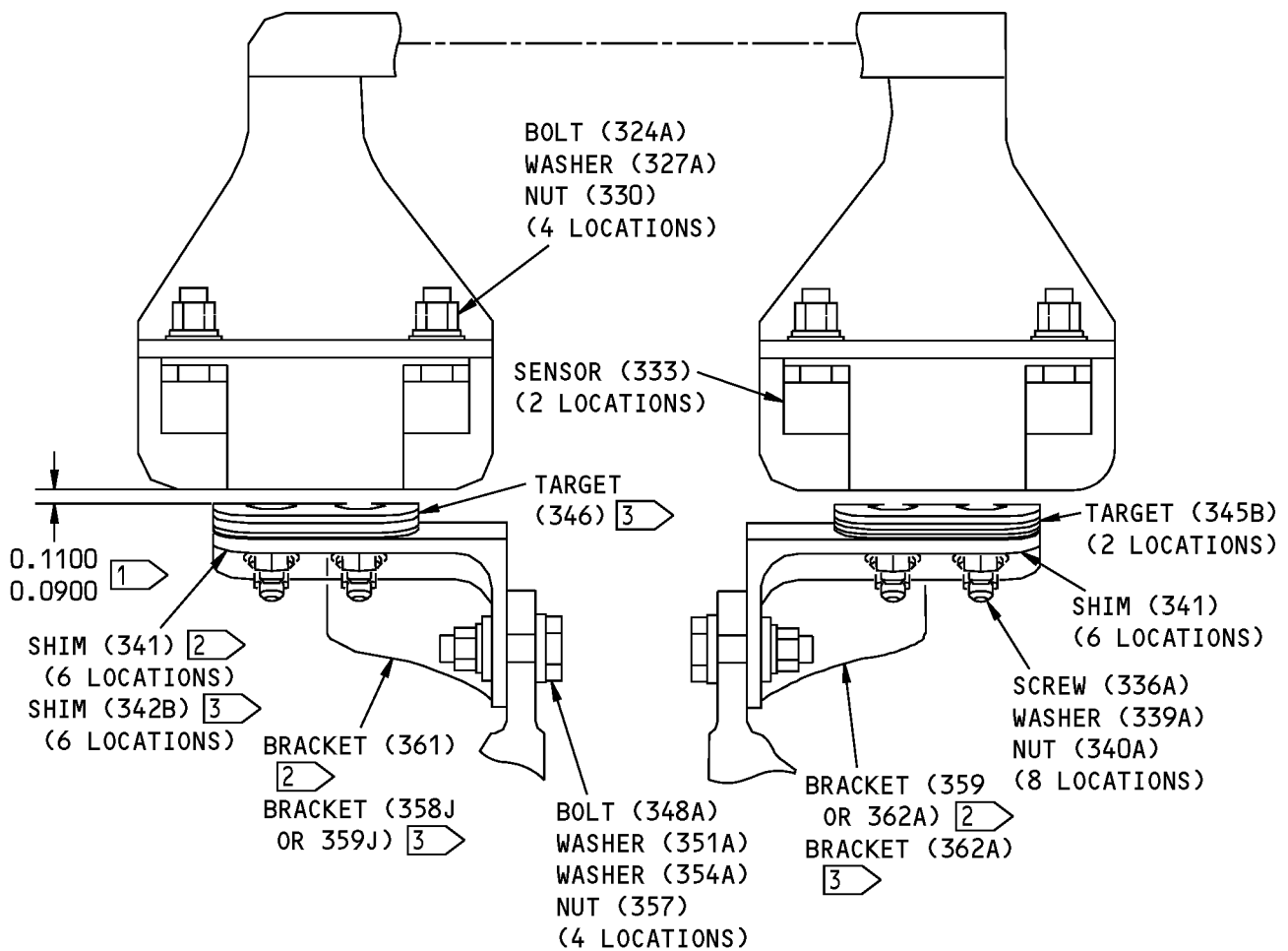
284A0313-5 thru -8 Sensor Installation
Figure 707 (Sheet 2 of 3)

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ASSEMBLY

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COMPONENT MAINTENANCE MANUAL

C

[1] REMOVE SHIM LAMINATION AS NECESSARY TO GET THIS GAP. APPLY PRIMER (F-20.50) TO THE SHIM AFTER DELAMINATION. INSTALL THE SHIM BY THE TYPE 1 PROCEDURE (SOPM 20-50-20)

[2] 284A0313-5,-7

[3] 284A0313-6,-8

ITEM NUMBERS REFER TO IPL FIG. 1

ALL DIMENSIONS ARE IN INCHES

284A0313-5 thru -8 Sensor Installation
Figure 707 (Sheet 3 of 3)

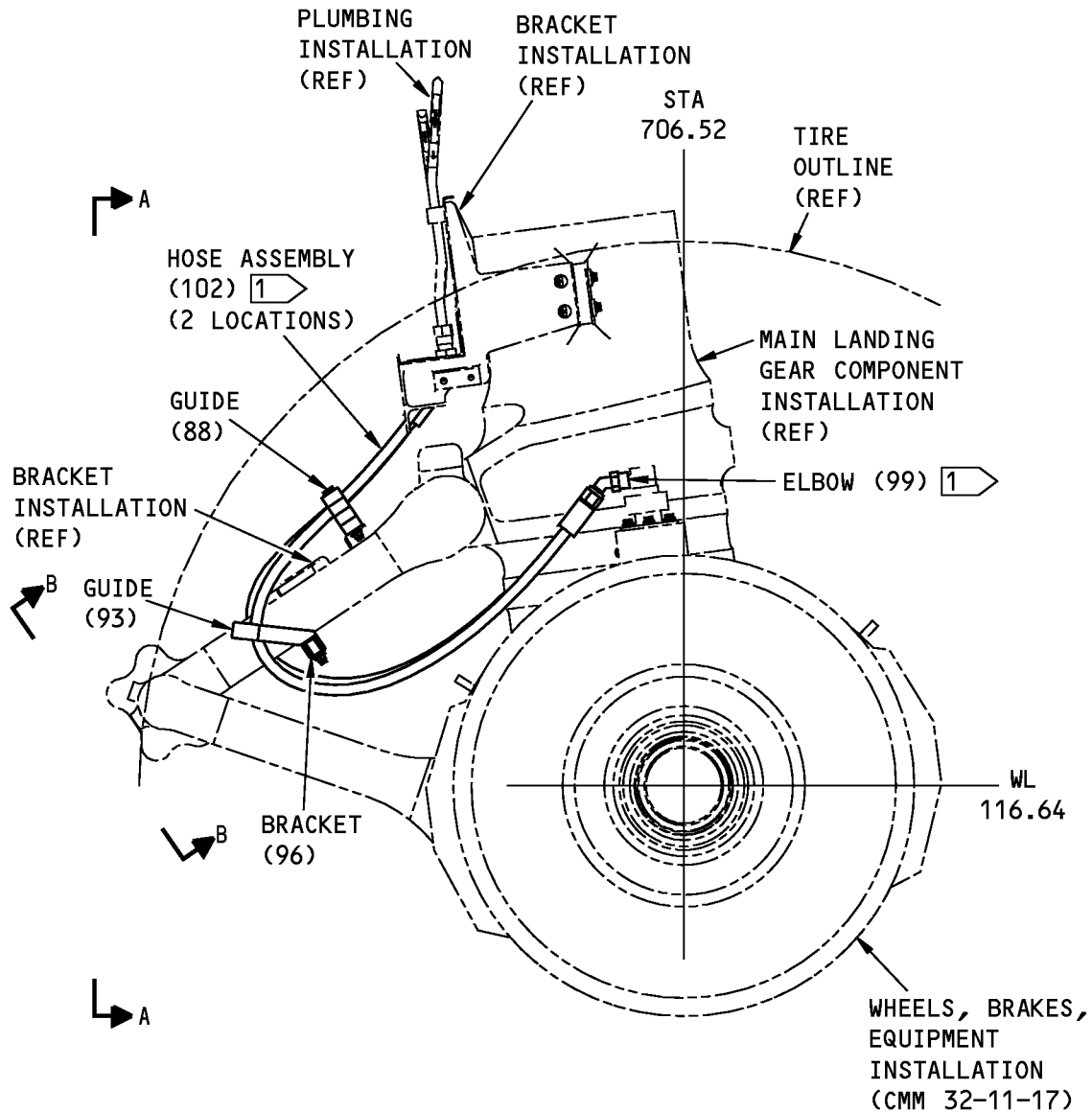
32-11-16

ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



G95980 S0004997278_V2

274A1900-3 Hose Installation
Figure 708 (Sheet 1 of 3)

32-11-16

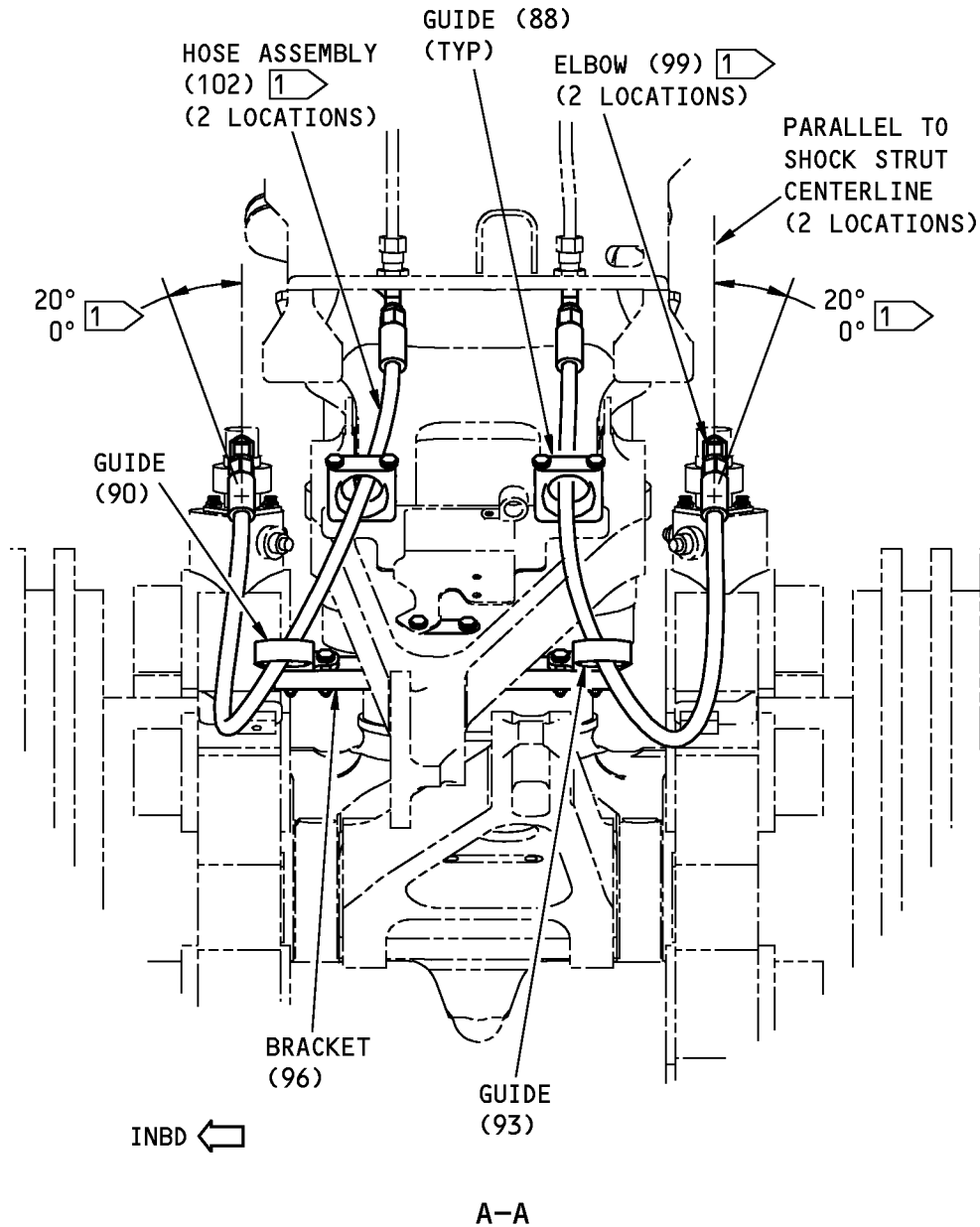
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



G95985 S0004997279_V2

274A1900-3 Hose Installation
Figure 708 (Sheet 2 of 3)

32-11-16

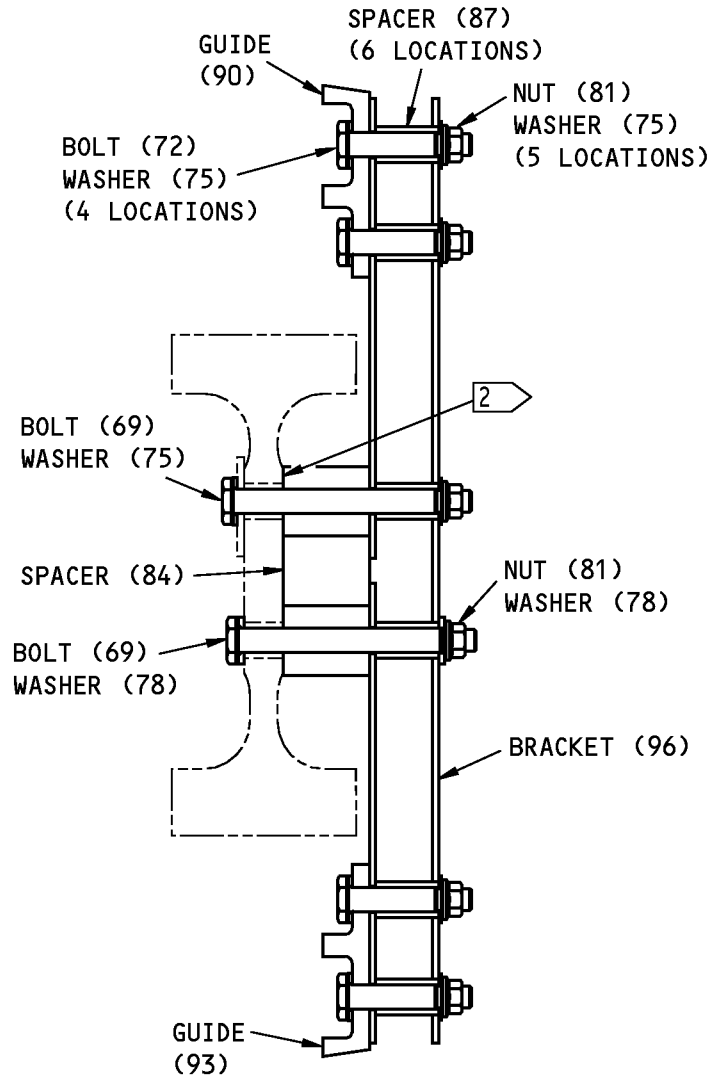
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



B-B

1 TURN THE ELBOW IN THE RANGE SHOWN TO KEEP THE HOSE AWAY FROM THE TIRE OR BRAKE. MAKE SURE THE HOSE IS NOT TWISTED OR KINKED WHEN YOU TIGHTEN THE NUTS ON THE FITTINGS

2 APPLY BMS 5-95 FAY SEALANT (SOPM 20-50-19)

ITEM NUMBERS REFER TO IPL FIG. 1

G95989 S0004997280_V2

274A1900-3 Hose Installation
Figure 708 (Sheet 3 of 3)

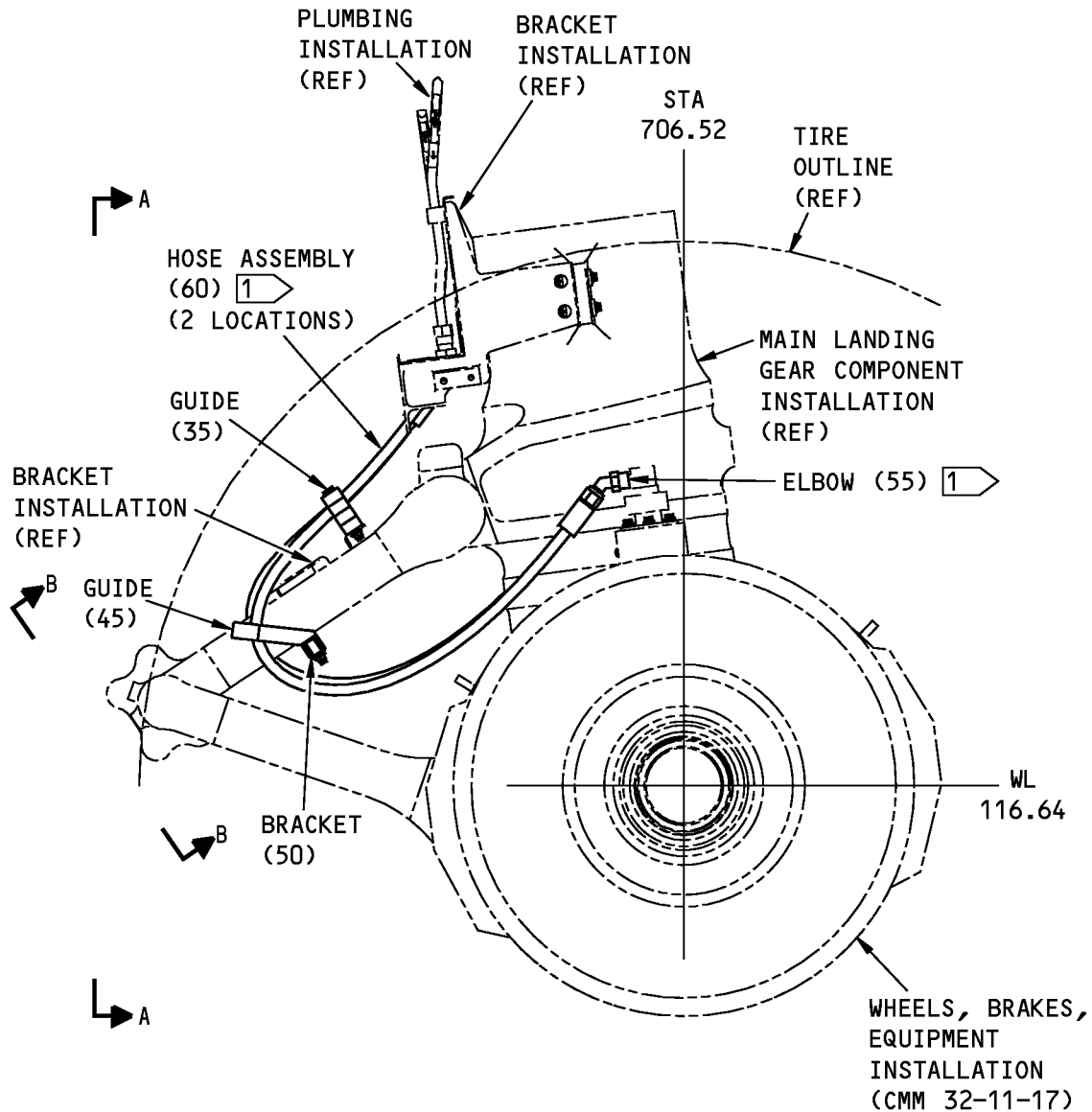
32-11-16

ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



485523 S0004997281_V2

274A1900-5 Hose Installation
Figure 709 (Sheet 1 of 3)

32-11-16

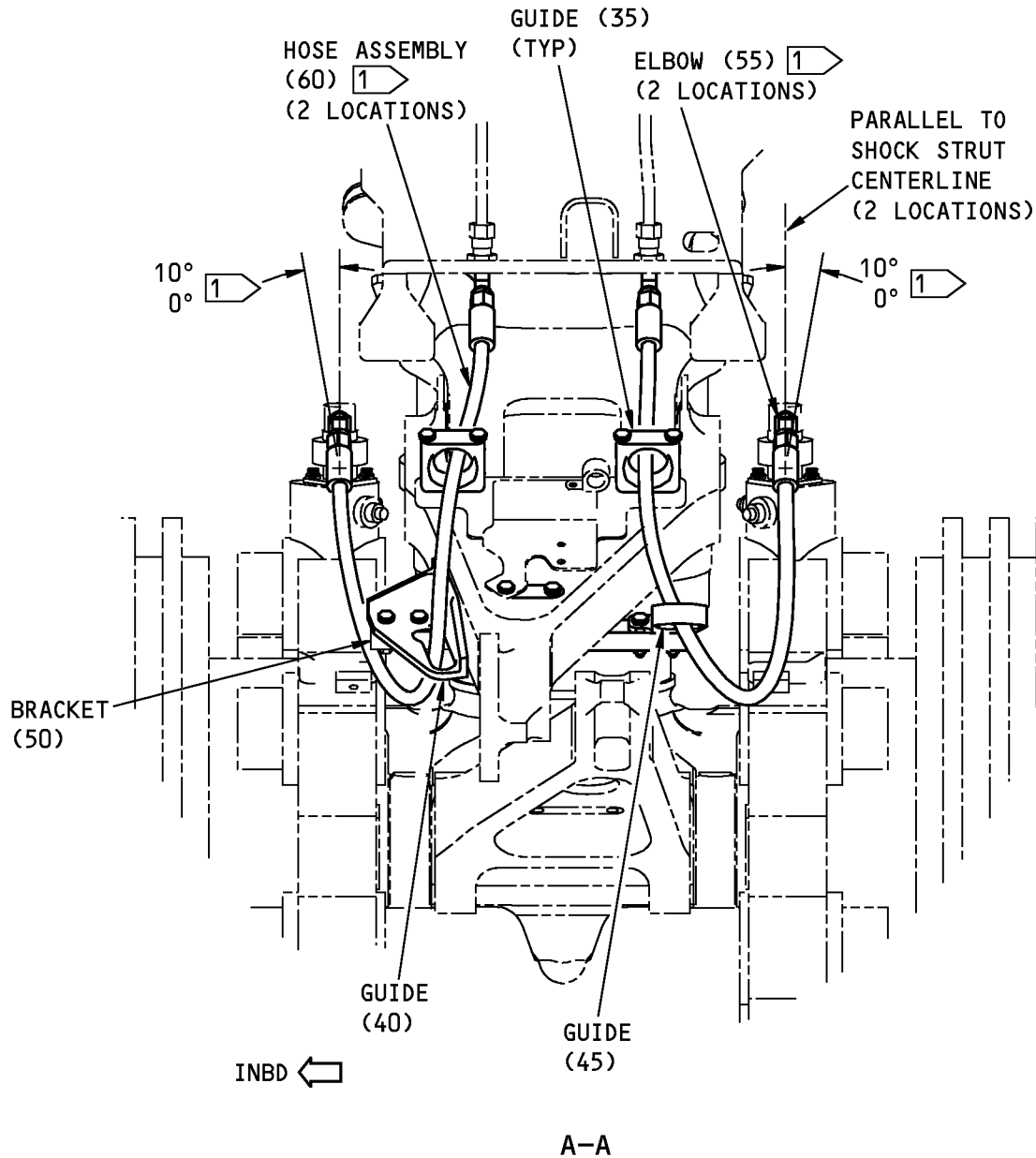
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



485667 S0004997282_V2

274A1900-5 Hose Installation
Figure 709 (Sheet 2 of 3)

32-11-16

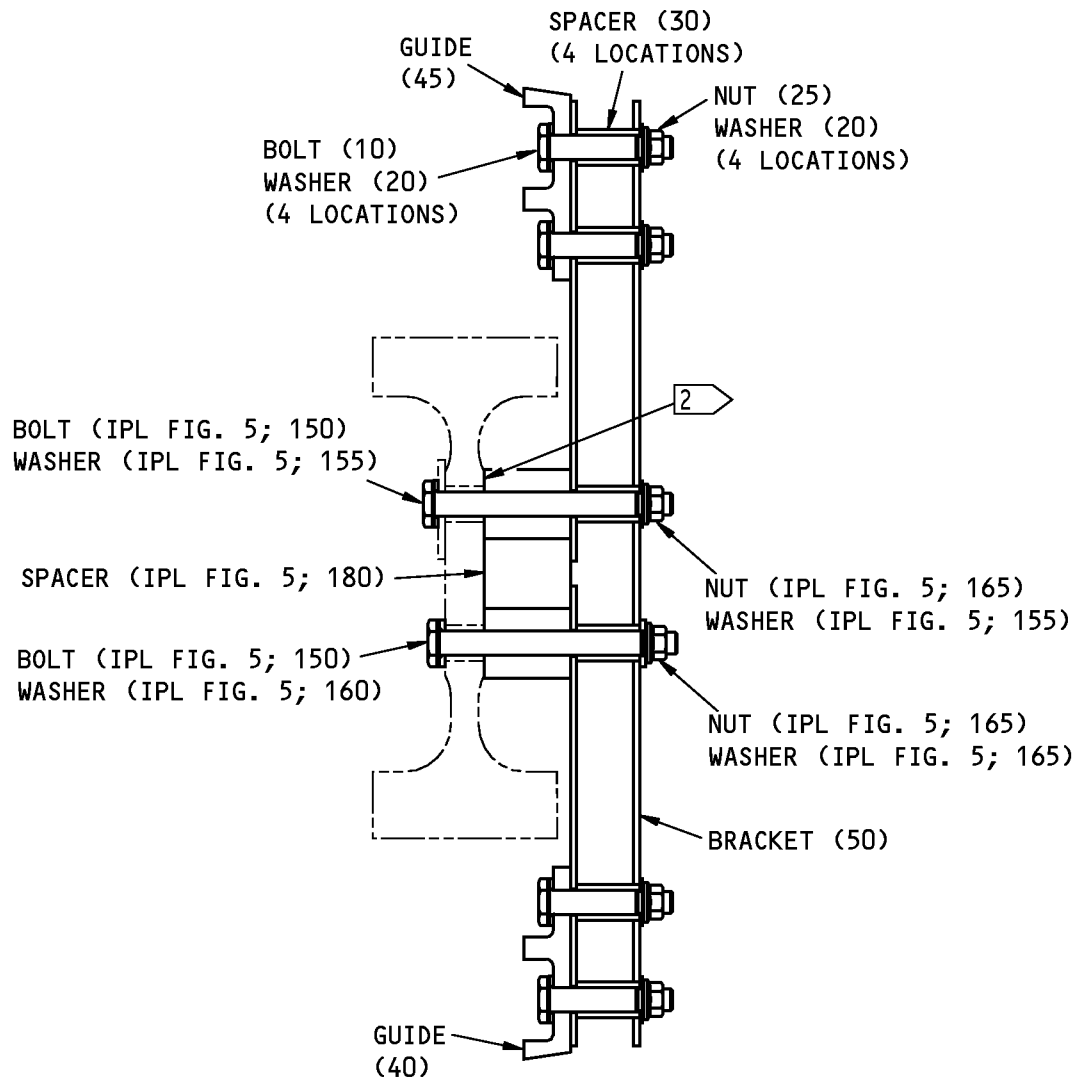
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



- 1 TURN THE ELBOW IN THE RANGE SHOWN TO KEEP THE HOSE AWAY FROM THE TIRE OR BRAKE. MAKE SURE THE HOSE IS NOT TWISTED OR KINKED WHEN YOU TIGHTEN THE NUTS ON THE FITTINGS

- 2 APPLY BMS 5-95 FAY SEALANT (SOPM 20-50-19)

ITEM NUMBERS REFER TO IPL FIG. 4
UNLESS SHOWN DIFFERENTLY

485700 S0004997283_V2

274A1900-5 Hose Installation
Figure 709 (Sheet 3 of 3)

32-11-16

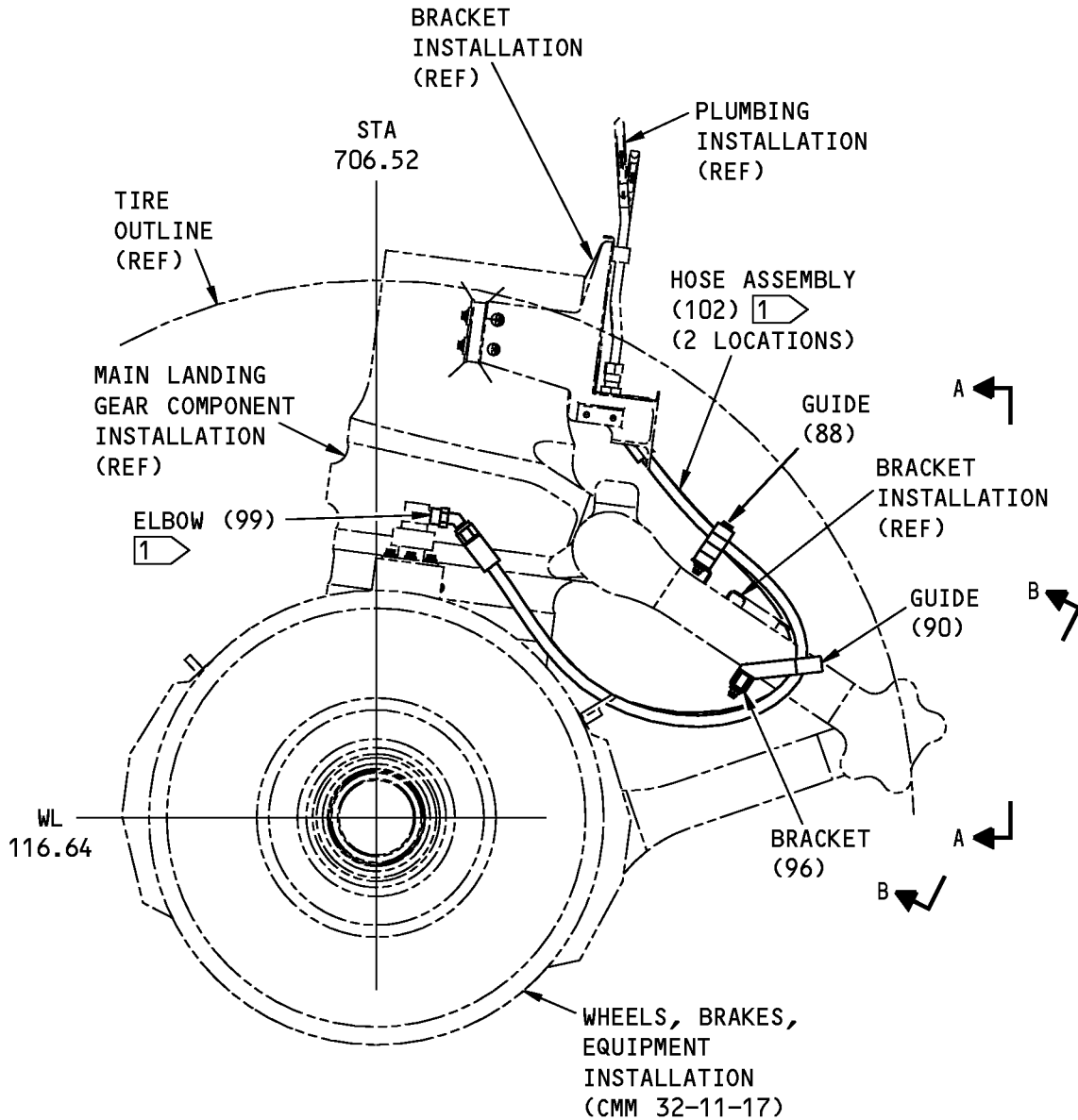
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



G96073 S0004997284_V2

274A1900-4 Hose Installation
Figure 710 (Sheet 1 of 3)

32-11-16

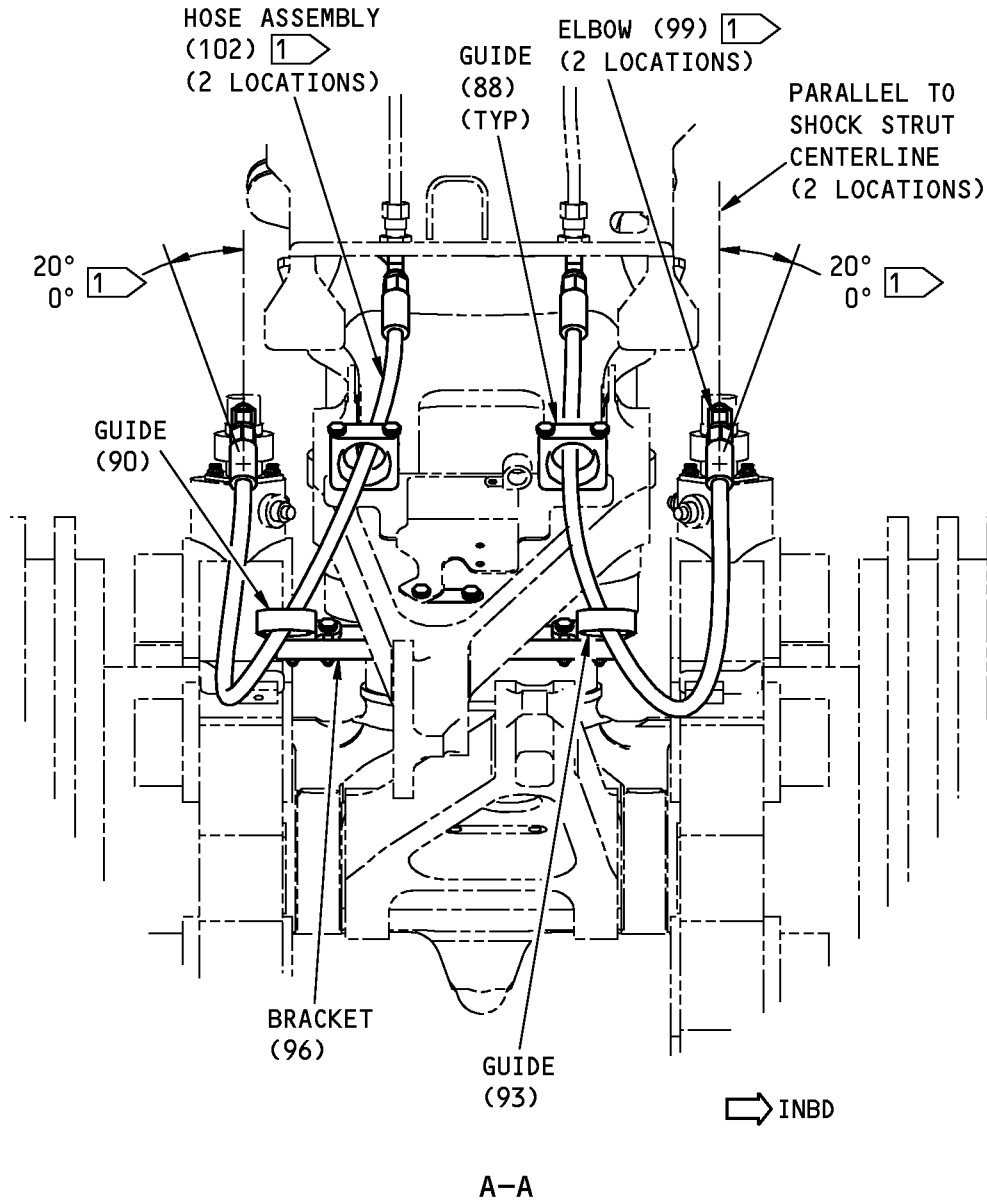
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



G96074 S0004997285_V2

274A1900-4 Hose Installation
Figure 710 (Sheet 2 of 3)

32-11-16

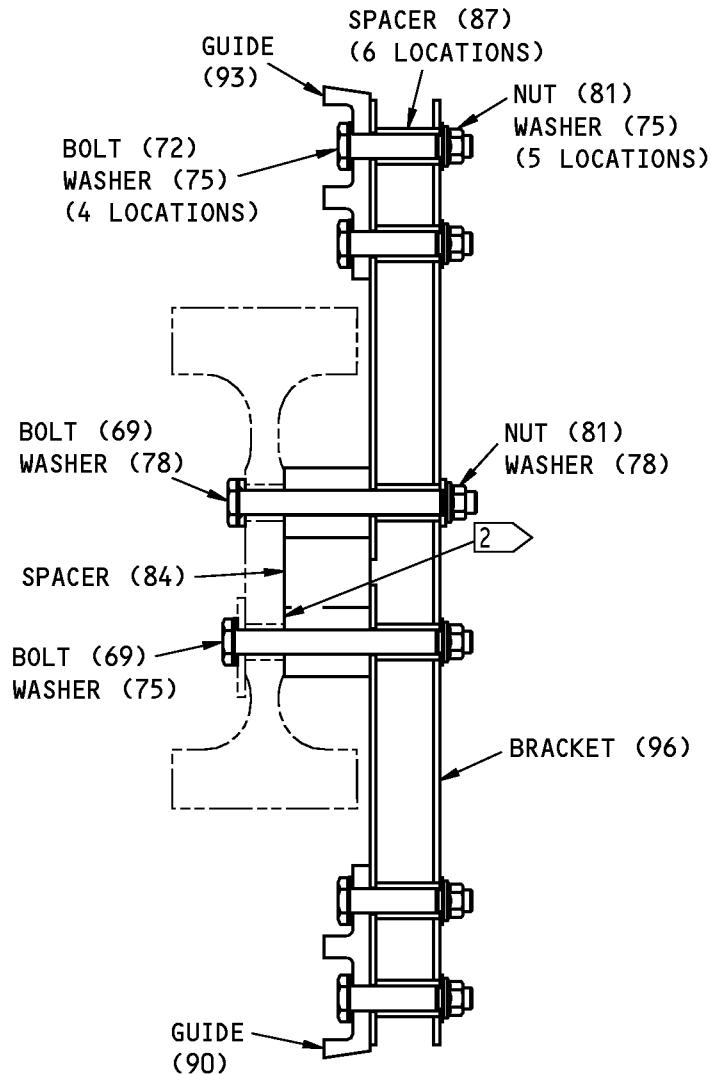
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



B-B

- 1 TURN THE ELBOW IN THE RANGE SHOWN TO KEEP THE HOSE AWAY FROM THE TIRE OR BRAKE. MAKE SURE THE HOSE IS NOT TWISTED OR KINKED WHEN YOU TIGHTEN THE NUTS ON THE FITTINGS

ITEM NUMBERS REFER TO IPL FIG. 1

- 2 APPLY BMS 5-95 FAY SEALANT (SOPM 20-50-19)

G96075 S0004997286_V2

274A1900-4 Hose Installation
Figure 710 (Sheet 3 of 3)

32-11-16

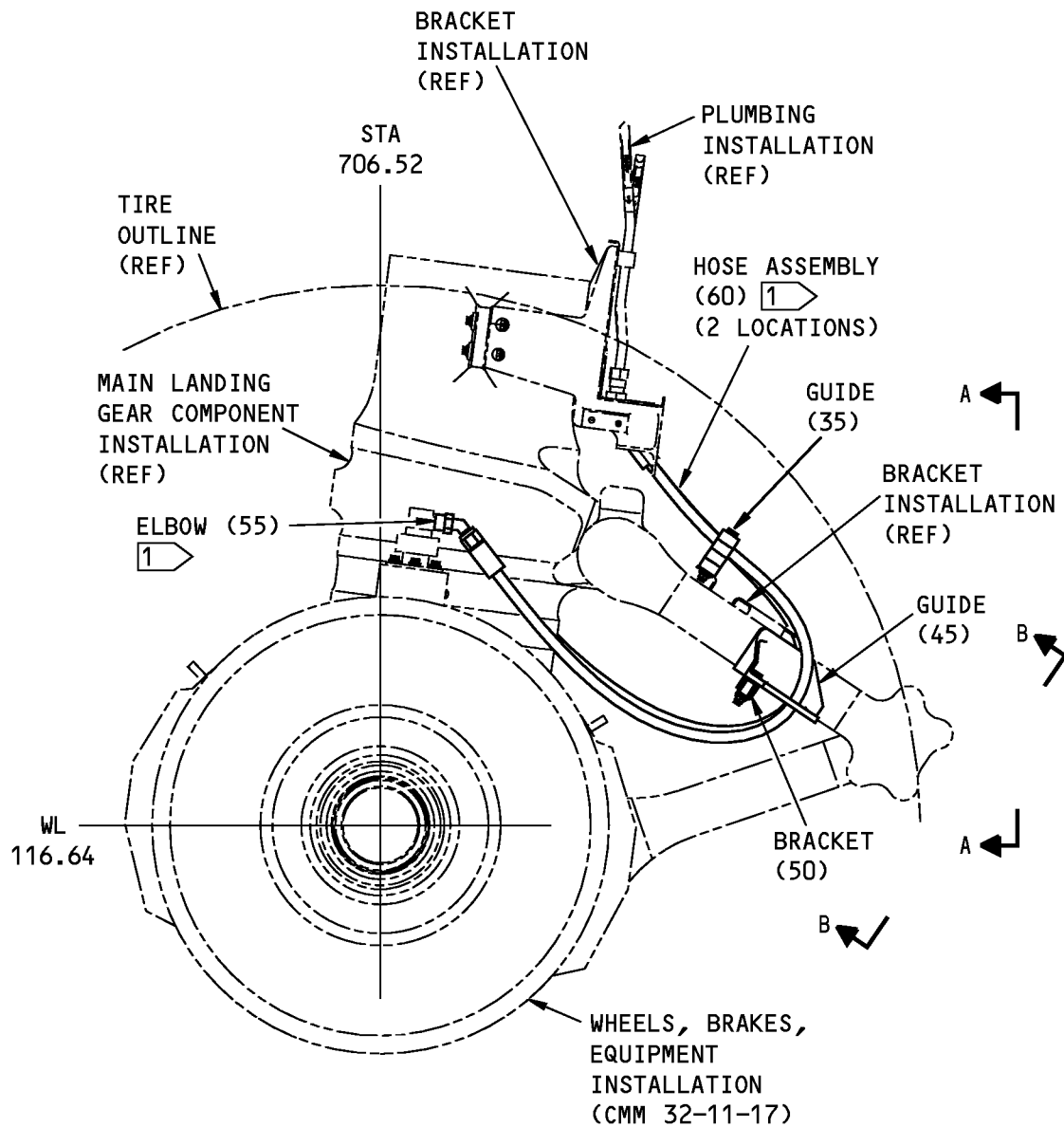
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



485736 S0004997287_V2

274A1900-6 Hose Installation
Figure 711 (Sheet 1 of 3)

32-11-16

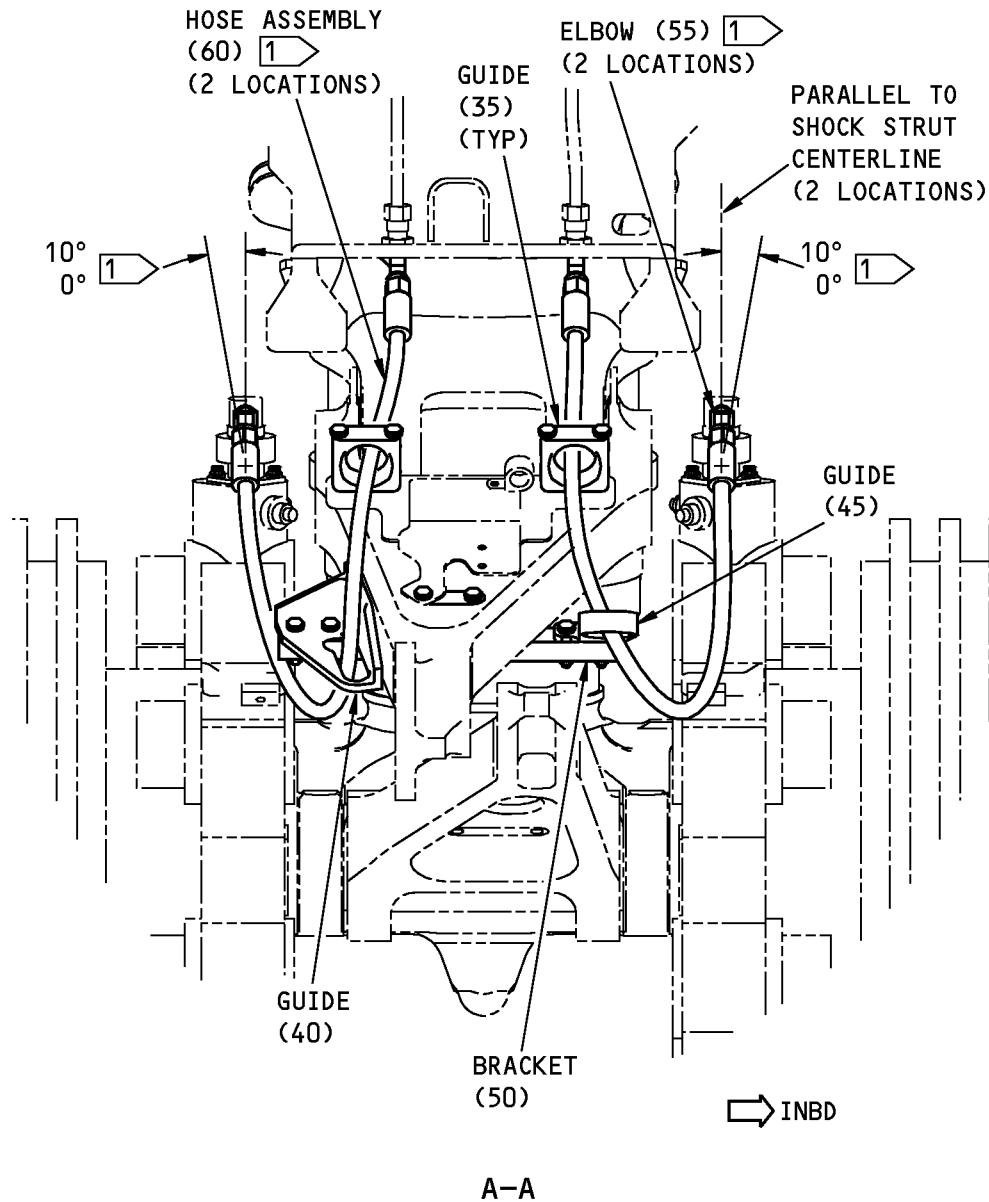
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



485776 S0004997288_V2

274A1900-6 Hose Installation
Figure 711 (Sheet 2 of 3)

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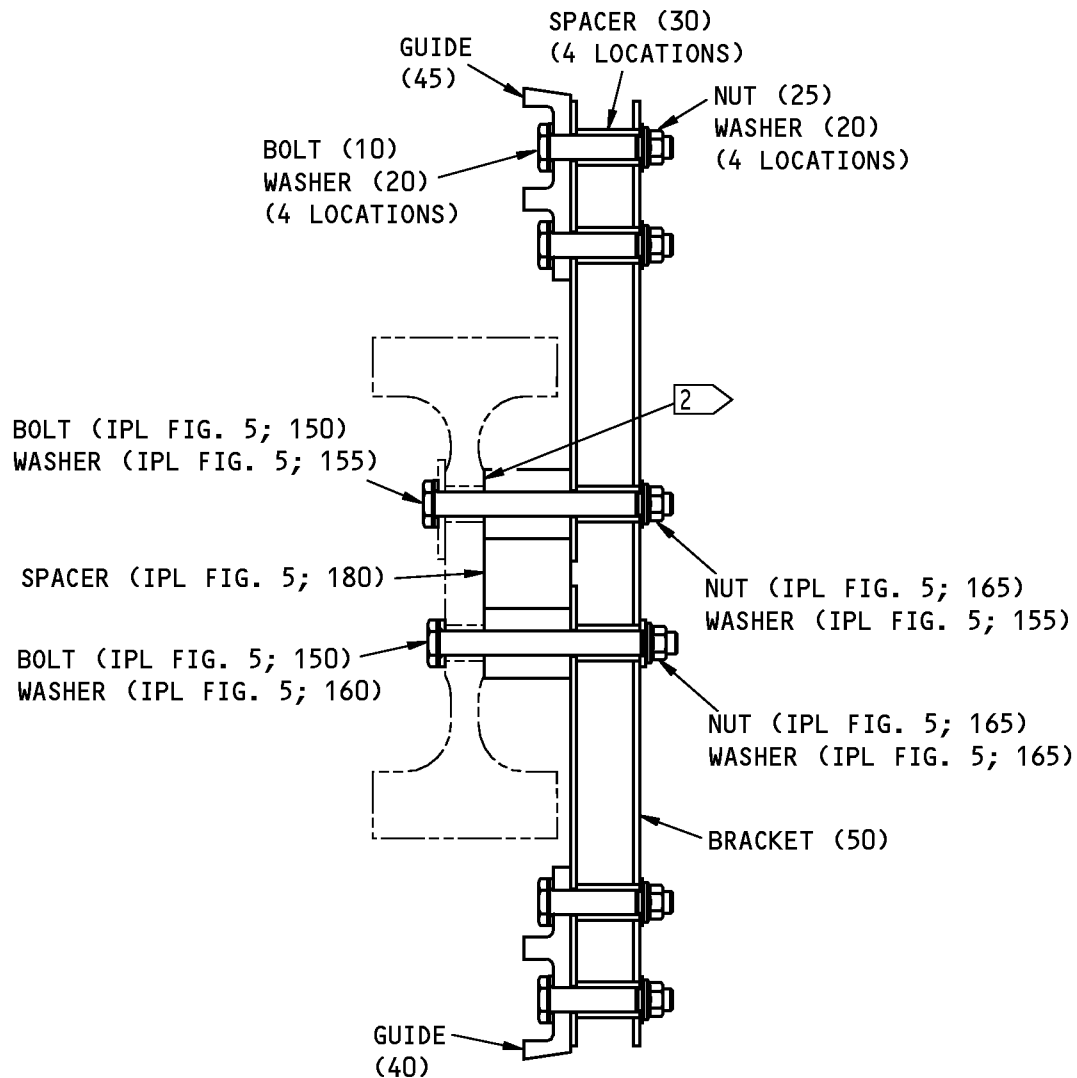
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



B-B

- 1 TURN THE ELBOW IN THE RANGE SHOWN TO KEEP THE HOSE AWAY FROM THE TIRE OR BRAKE. MAKE SURE THE HOSE IS NOT TWISTED OR KINKED WHEN YOU TIGHTEN THE NUTS ON THE FITTINGS

- 2 APPLY BMS 5-95 FAY SEALANT (SOPM 20-50-19)

ITEM NUMBERS REFER TO IPL FIG. 4
UNLESS SHOWN DIFFERENTLY

485777 S0004997289_V2

274A1900-6 Hose Installation
Figure 711 (Sheet 3 of 3)

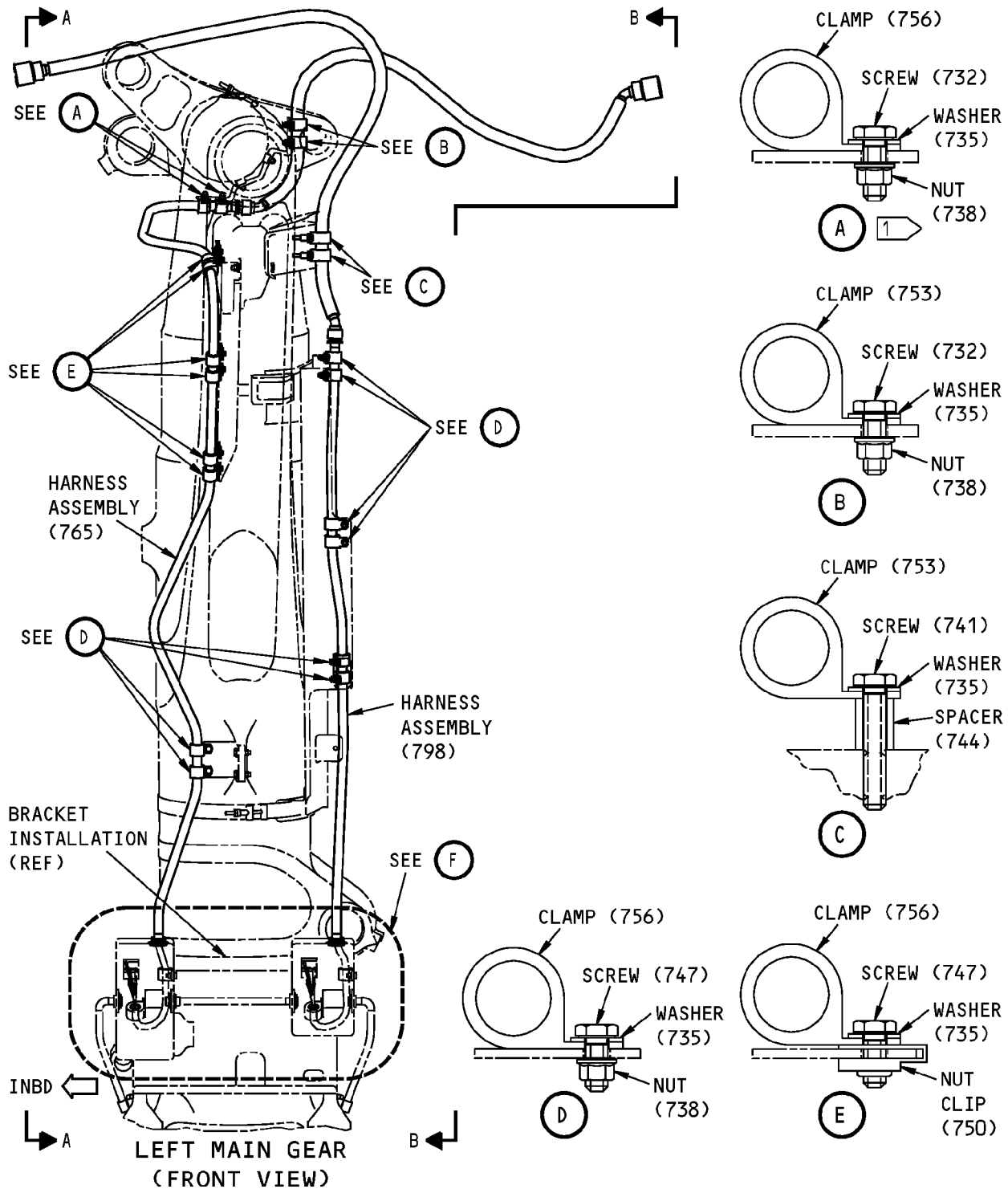
32-11-16

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COMPONENT MAINTENANCE MANUAL



287A6108-1,-15,-17 Harness Installation
Figure 712 (Sheet 1 of 4)

32-11-16

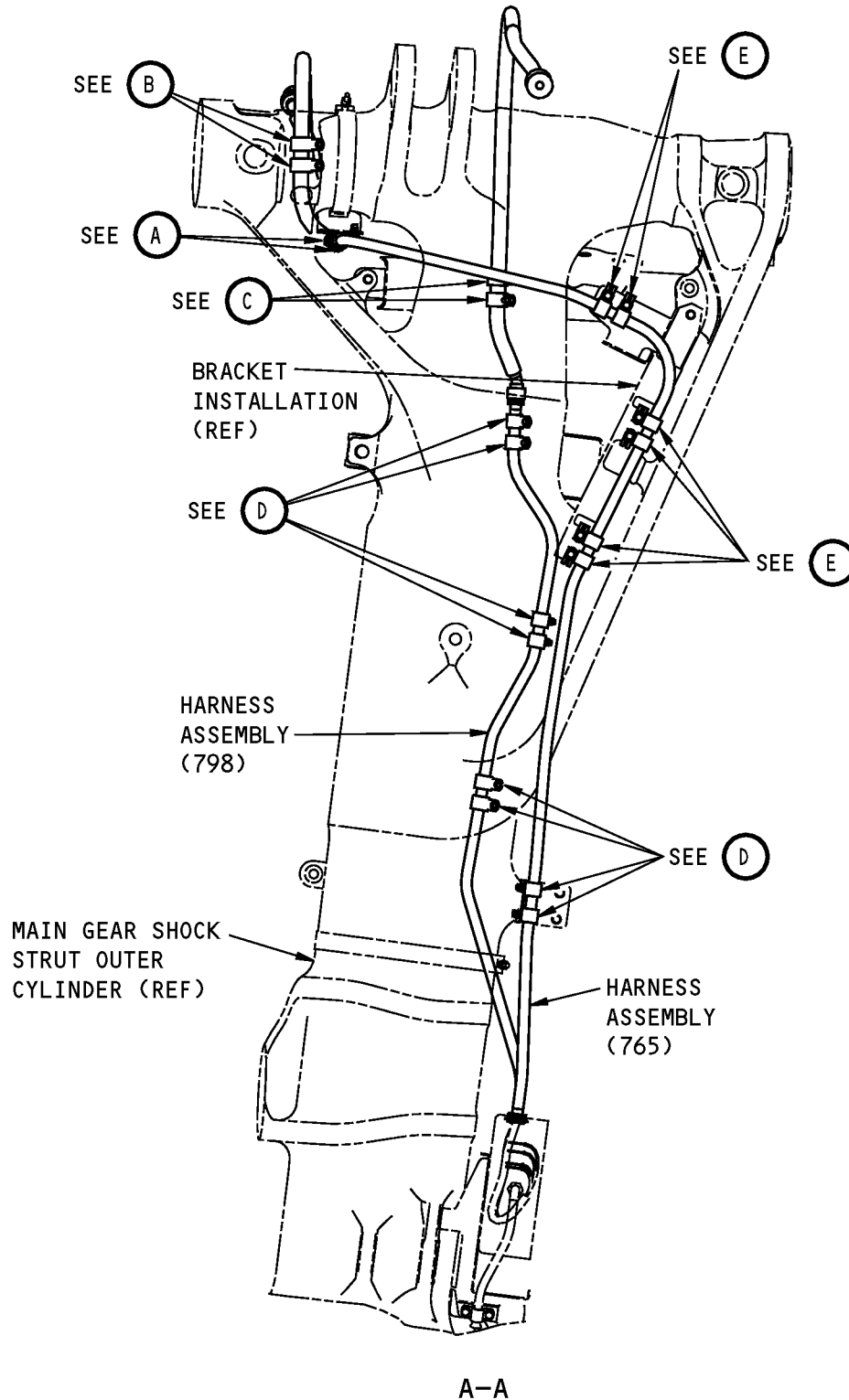
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



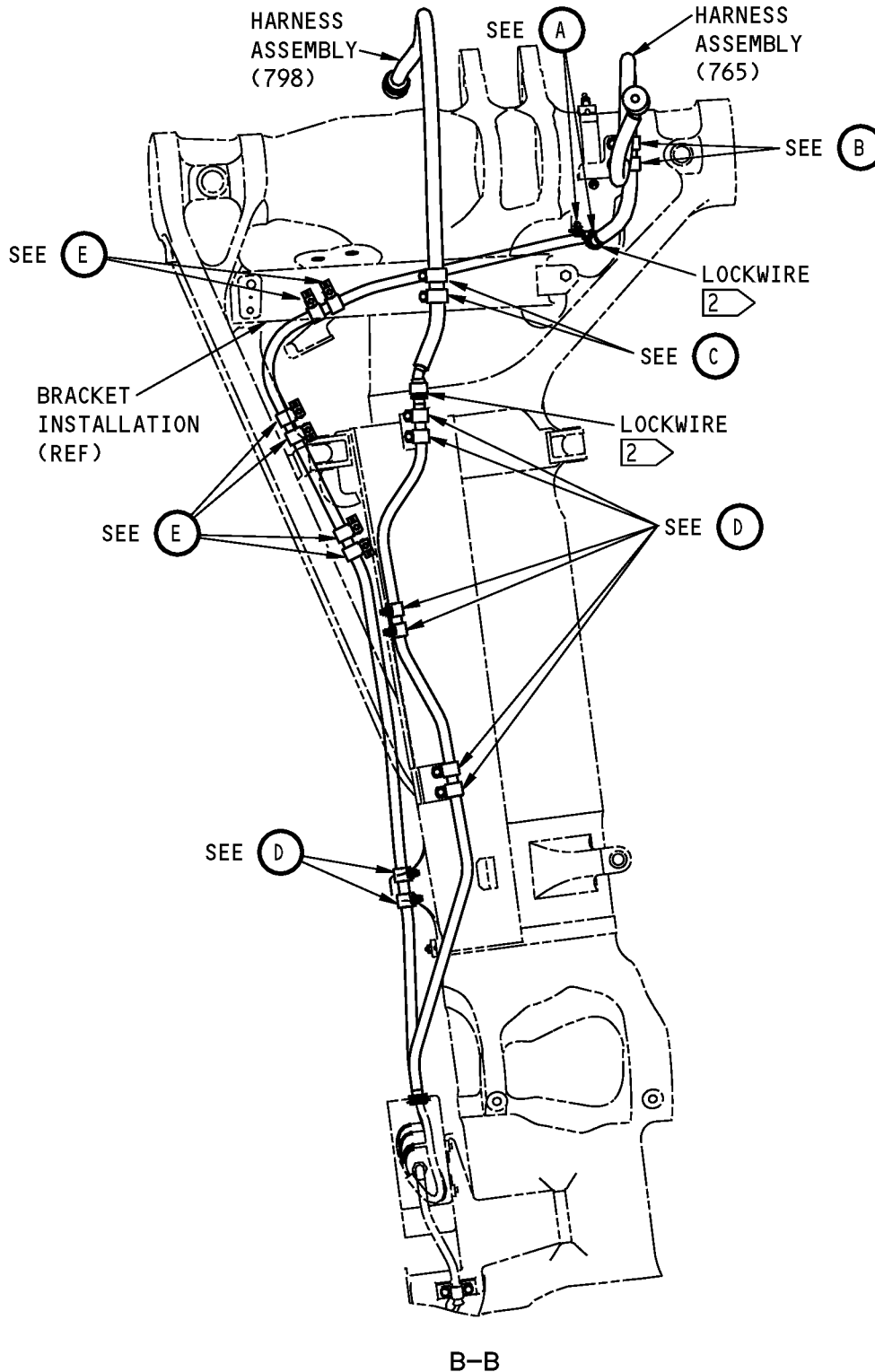
287A6108-1,-15,-17 Harness Installation
Figure 712 (Sheet 2 of 4)

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ASSEMBLY

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COMPONENT MAINTENANCE MANUAL

287A6108-1,-15,-17 Harness Installation
Figure 712 (Sheet 3 of 4)

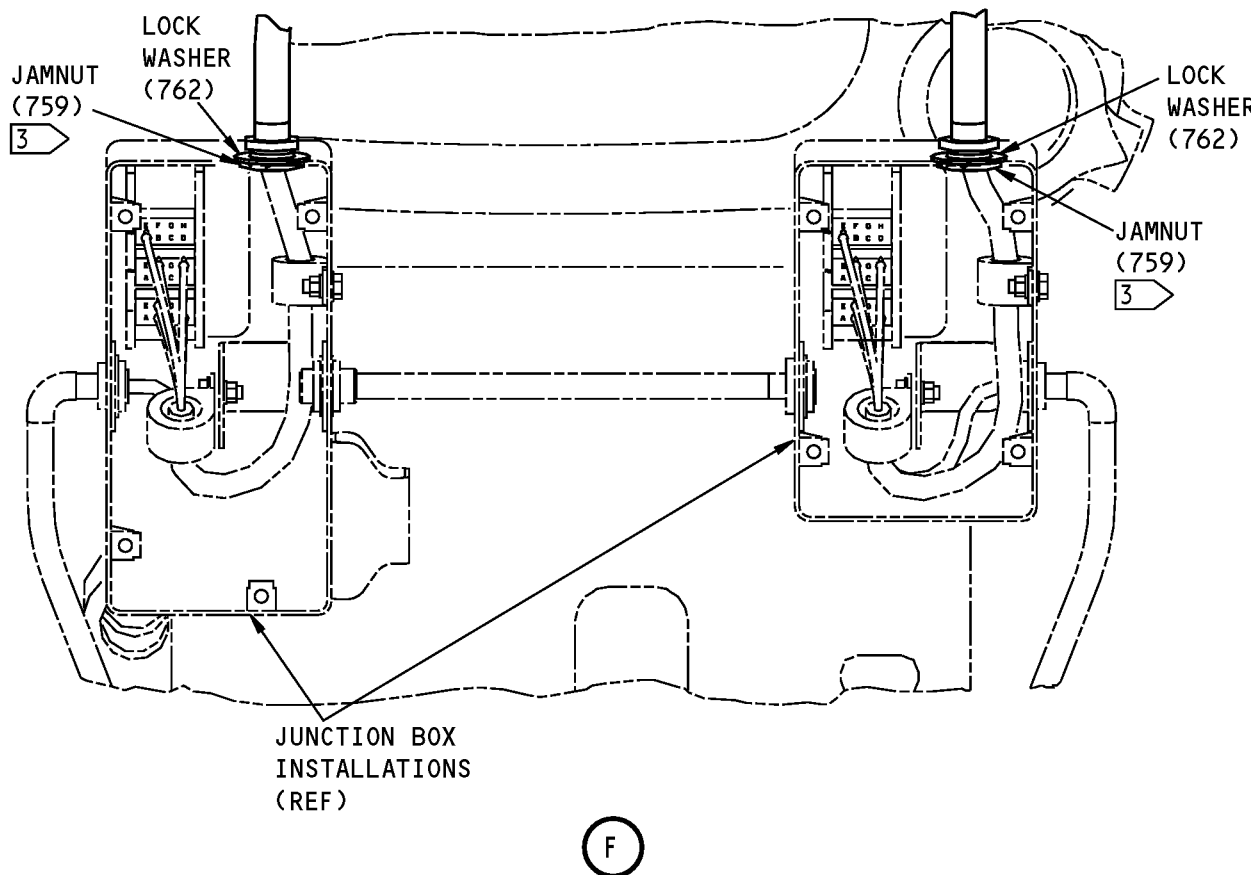
32-11-16

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COMPONENT MAINTENANCE MANUAL



1 IF NECESSARY, ADJUST THE BRACKET TO INSTALL THE CLAMP. TIGHTEN THE BRACKET FASTENERS TO STANDARD TORQUE (SOPM 20-50-01)

2 AFTER THE HARNESS ASSEMBLY IS CLAMPED TO THE LANDING GEAR, TIGHTEN THE CONDUIT FITTINGS AND LOCKWIRE THE FITTINGS TOGETHER (SOPM 20-50-02)

3 HAND-TIGHTEN

ITEM NUMBERS REFER TO IPL FIG. 1

287A6108-1,-15,-17 Harness Installation
Figure 712 (Sheet 4 of 4)

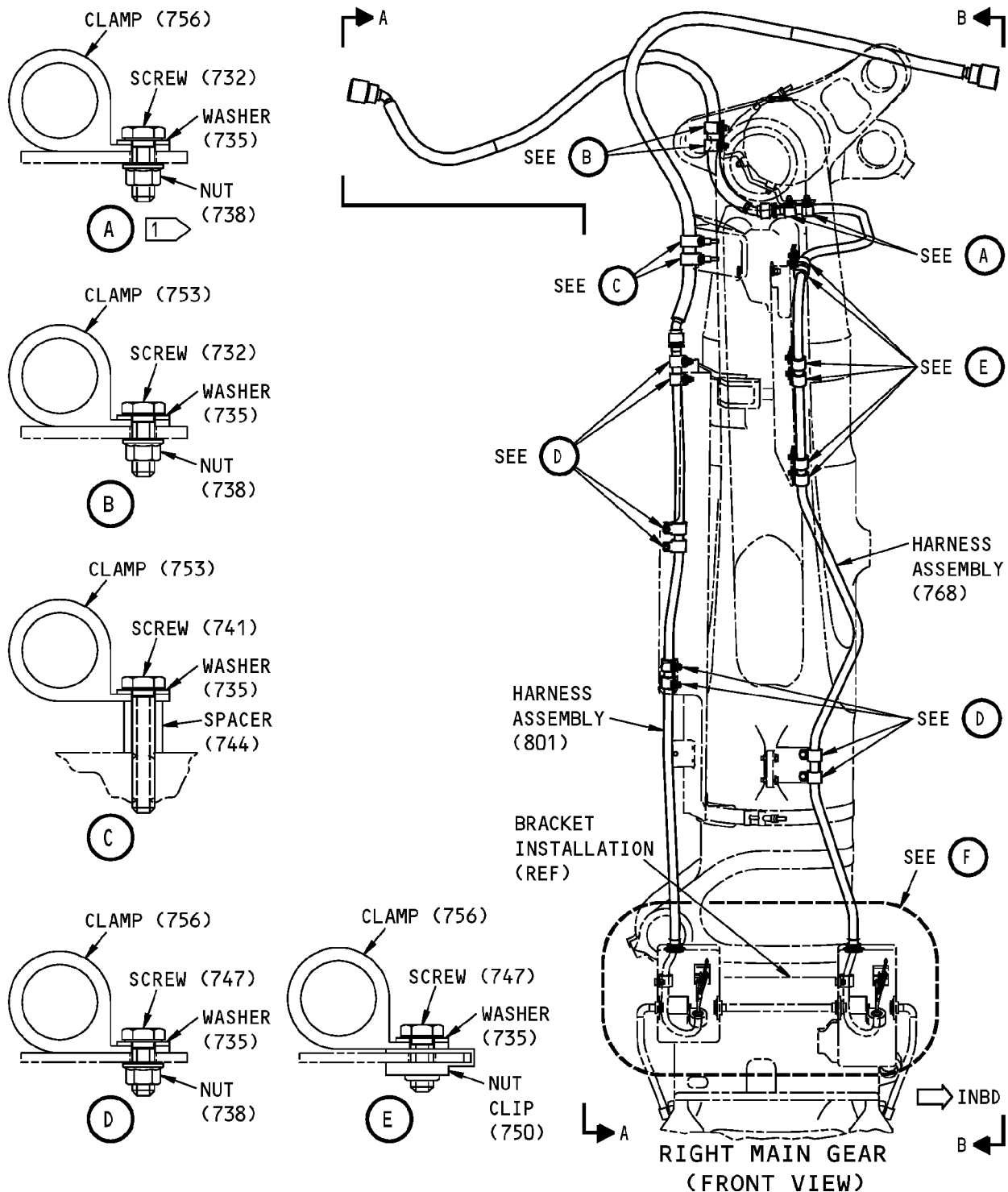
32-11-16

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COMPONENT MAINTENANCE MANUAL



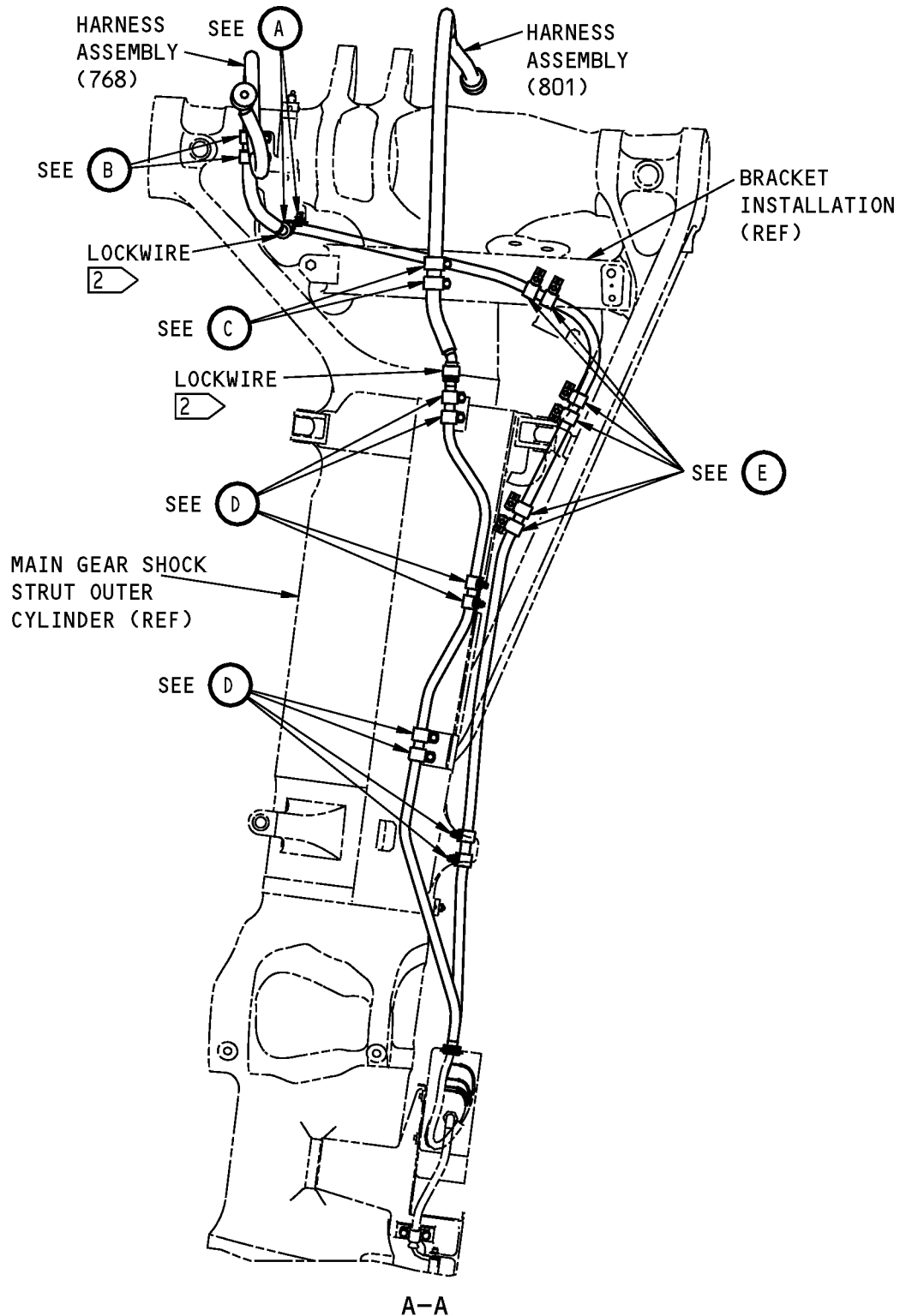
287A6108-2,-16,-18 Harness Installation
Figure 713 (Sheet 1 of 4)

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ASSEMBLY

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COMPONENT MAINTENANCE MANUAL

287A6108-2,-16,-18 Harness Installation
Figure 713 (Sheet 2 of 4)

32-11-16

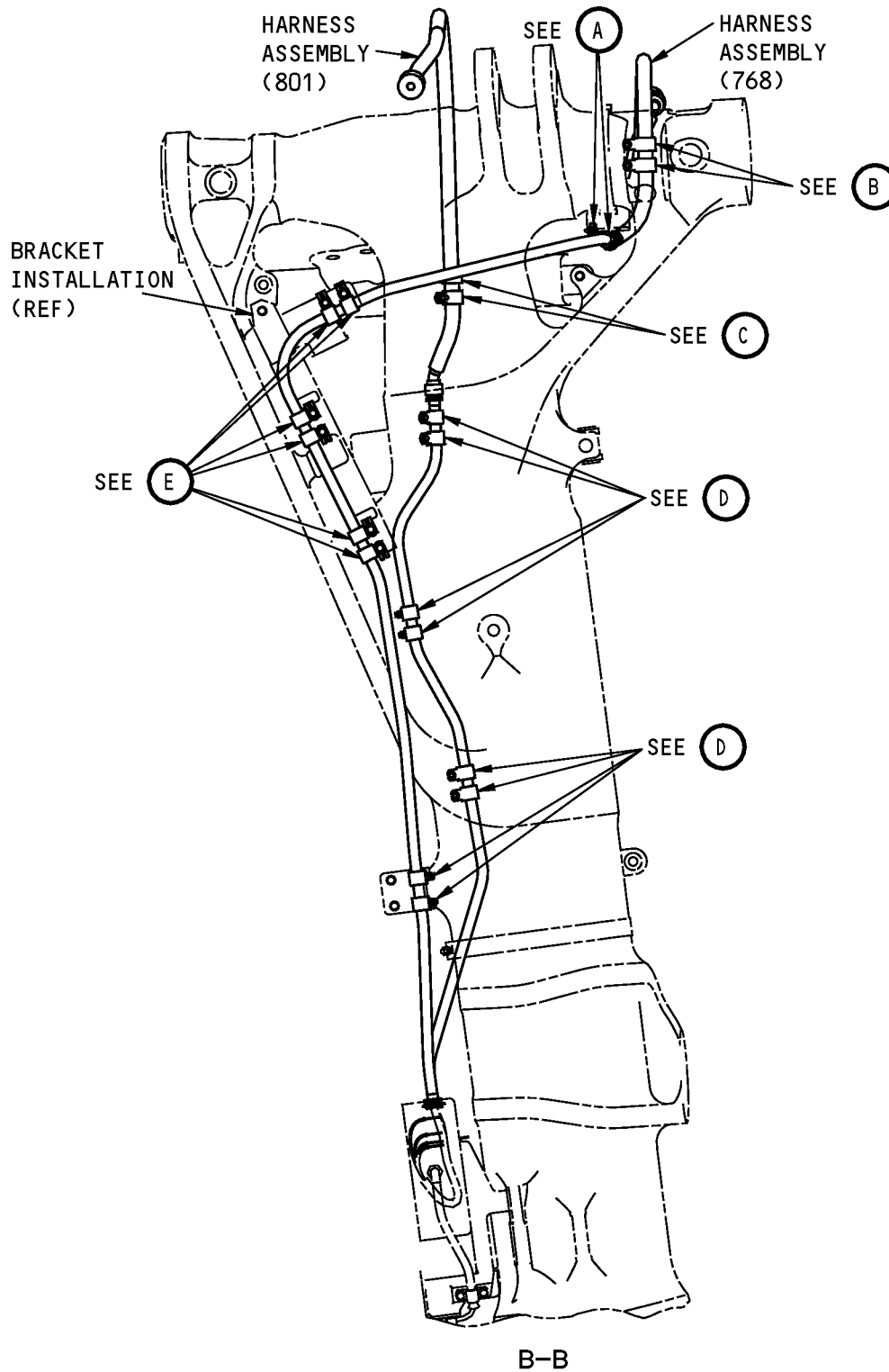
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



287A6108-2,-16,-18 Harness Installation
Figure 713 (Sheet 3 of 4)

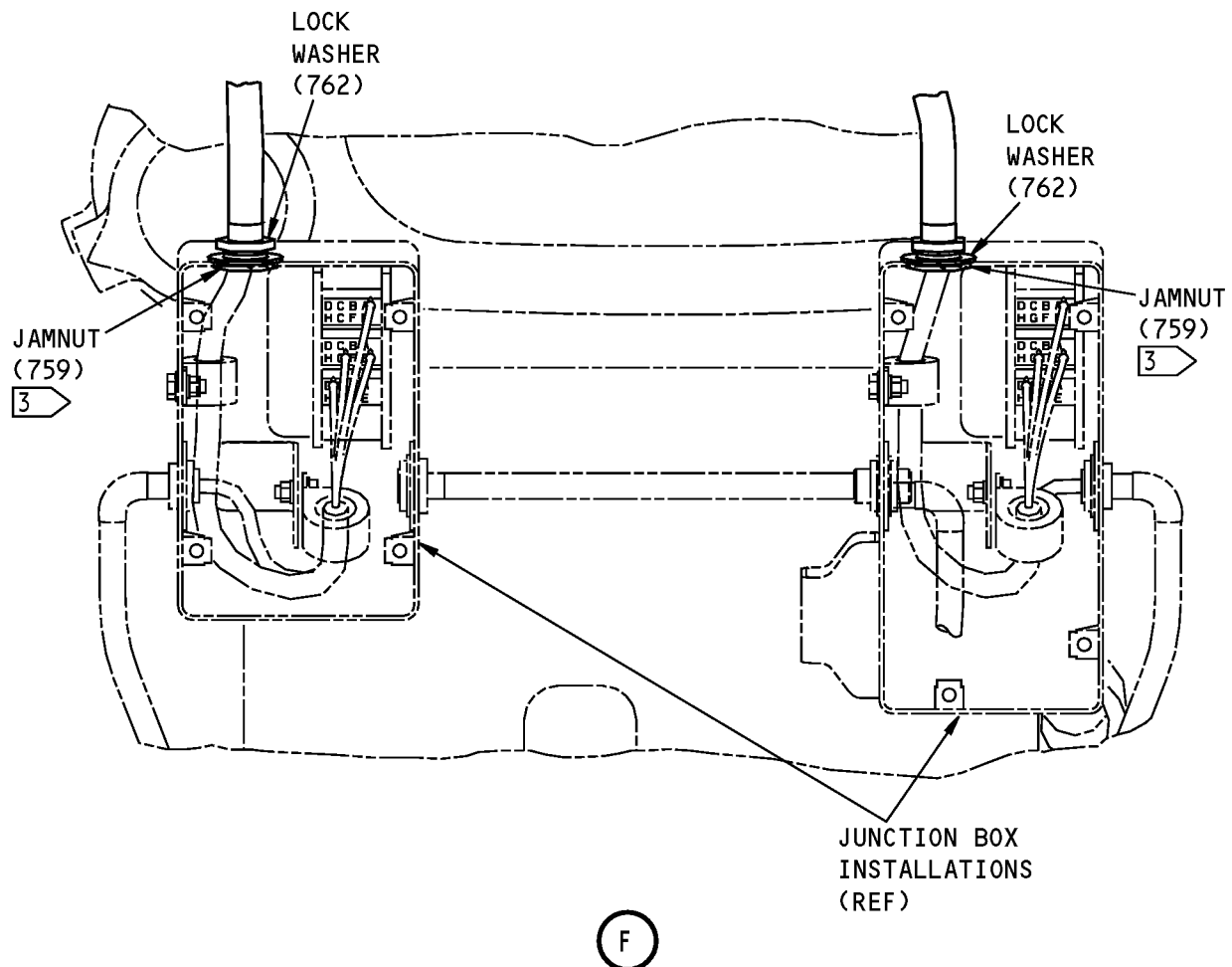
32-11-16

ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



F

- 1 IF NECESSARY, ADJUST THE BRACKET TO INSTALL THE CLAMP. TIGHTEN THE FASTENERS TO STANDARD TORQUE (SOPM 20-50-01)
- 2 AFTER THE HARNESS ASSEMBLY IS CLAMPED TO THE LANDING GEAR, TIGHTEN THE CONDUIT FITTINGS AND LOCKWIRE THE FITTINGS TOGETHER (SOPM 20-50-02)
- 3 HAND-TIGHTEN

ITEM NUMBERS REFER TO IPL FIG. 1

287A6108-2,-16,-18 Harness Installation
Figure 713 (Sheet 4 of 4)

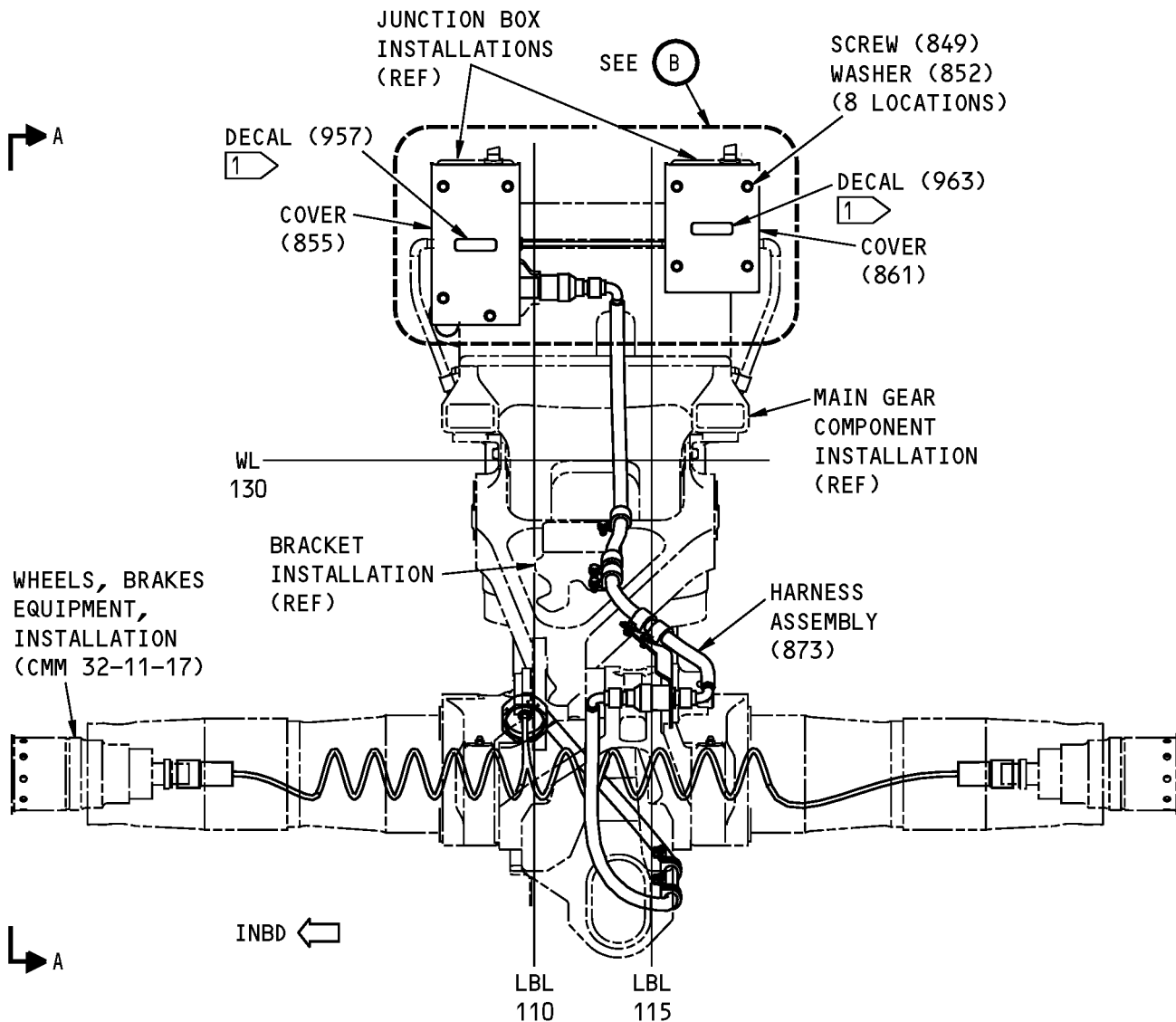
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ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



LEFT MAIN GEAR
(FRONT VIEW)

287A6108-5,-9,-19,-21 Harness Installation
Figure 714 (Sheet 1 of 4)

32-11-16

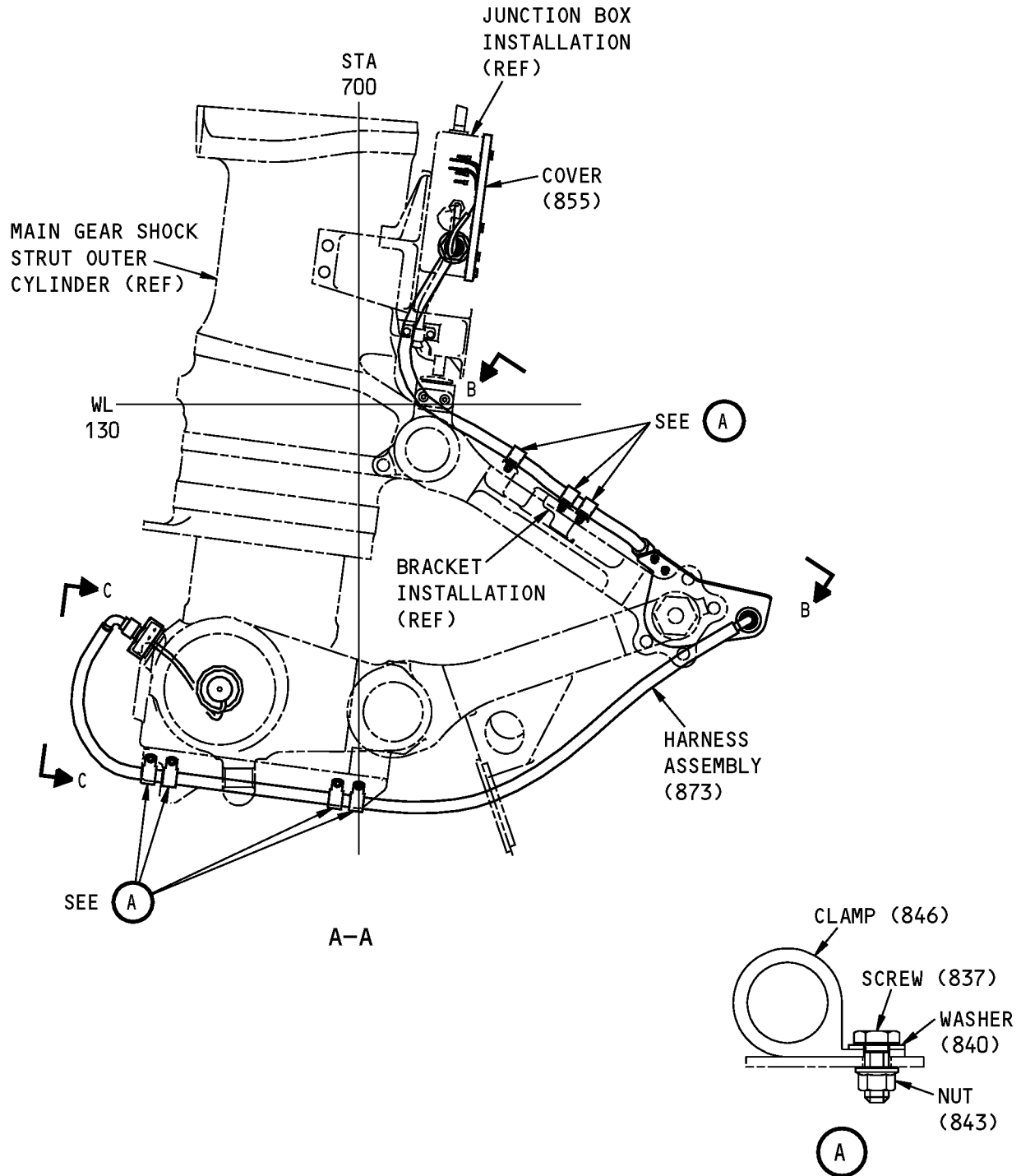
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



287A6108-5,-9,-19,-21 Harness Installation
Figure 714 (Sheet 2 of 4)

32-11-16

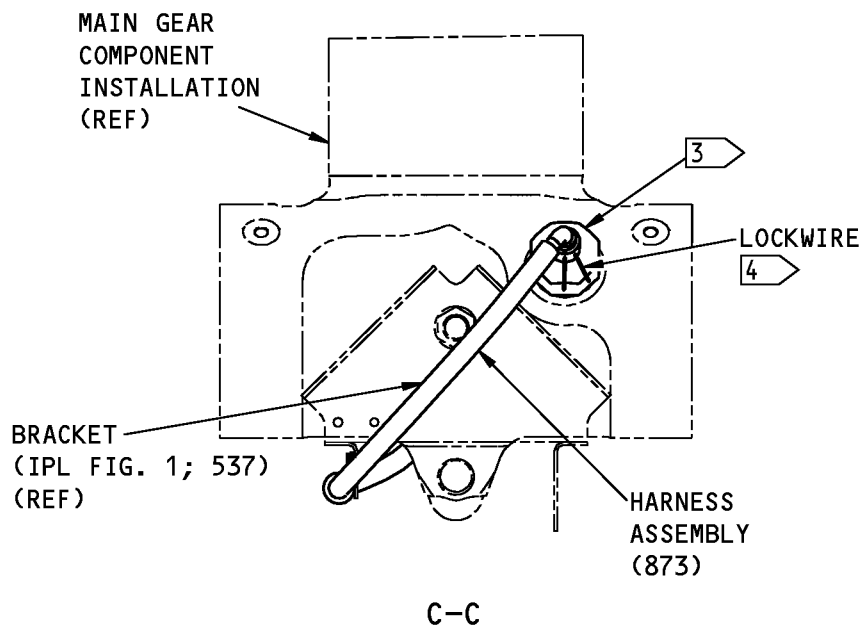
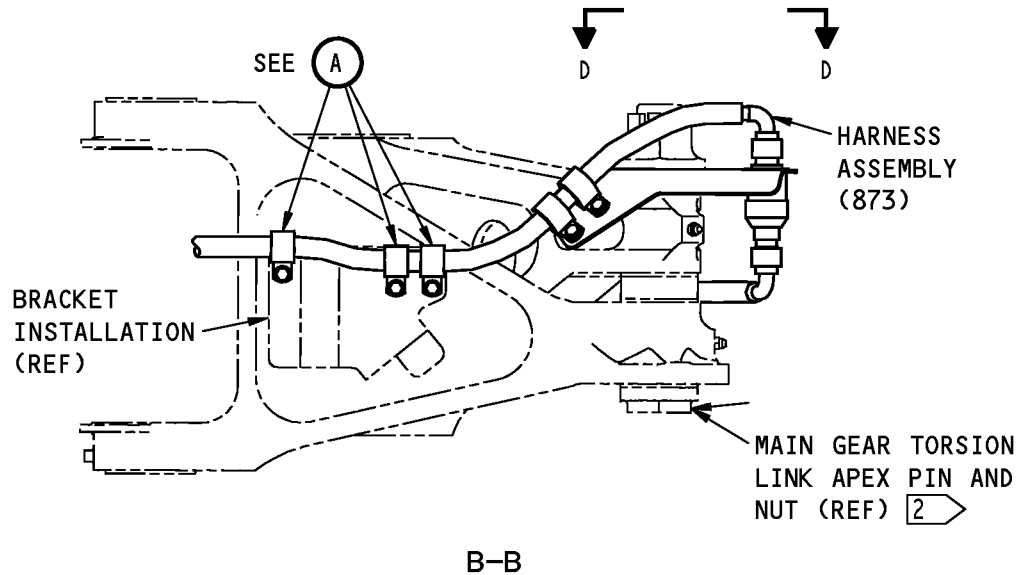
ASSEMBLY

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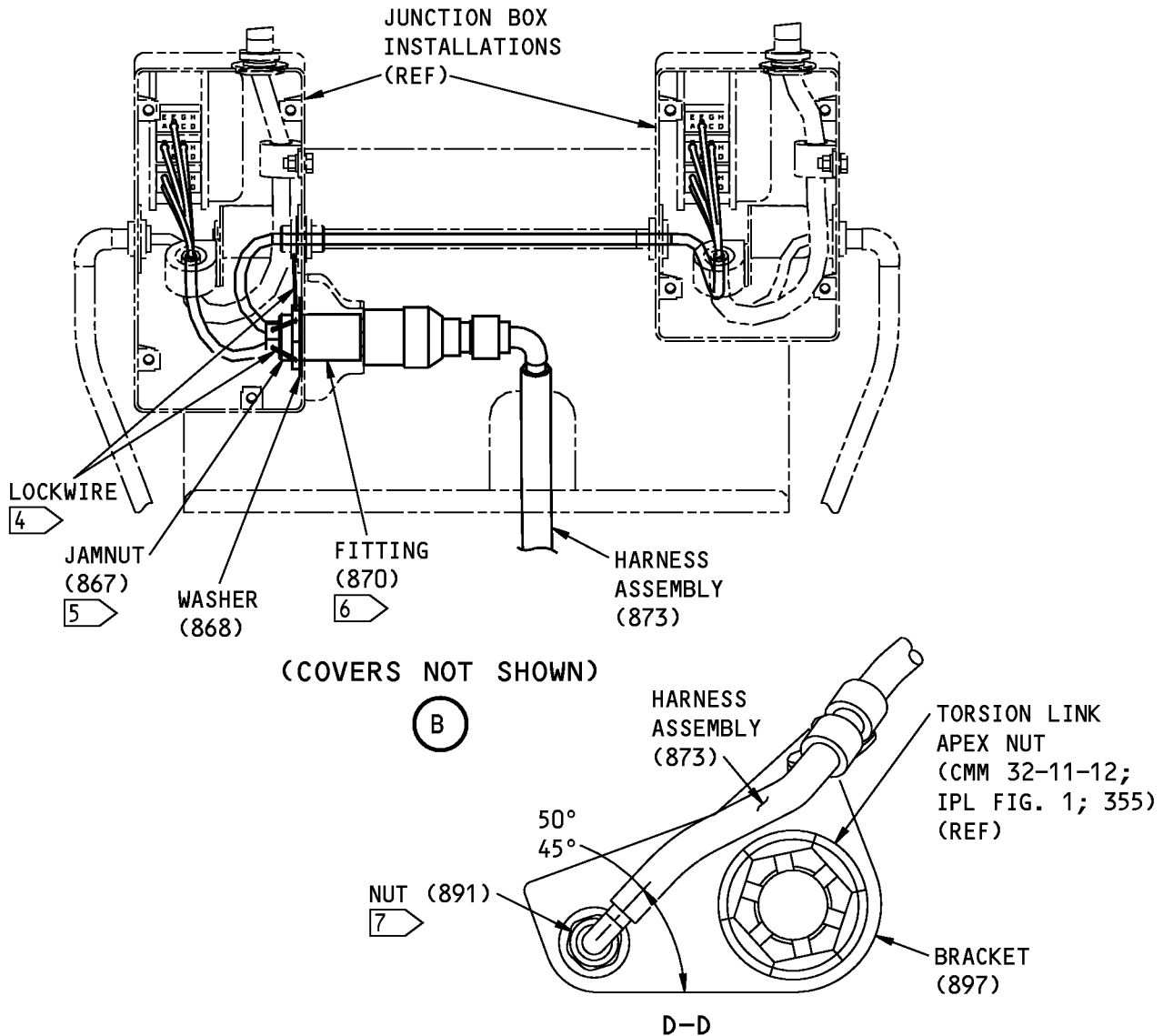
287A6108-5,-9,-19,-21 Harness Installation
Figure 714 (Sheet 3 of 4)

32-11-16

ASSEMBLY

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COMPONENT MAINTENANCE MANUAL

- 1 APPLY TYPE 41 CLEAR COATING (F-21.34) TO THE DECAL
- 2 REFER TO CMM 32-11-12 TO INSTALL AND TIGHTEN THE NUT ON THE APEX PIN
- 3 TIGHTEN TO 70-90 POUND-INCHES
- 4 LOCKWIRE THESE PARTS TOGETHER WITH MS20995NC20 LOCKWIRE (SOPM 20-50-02)

- 5 TIGHTEN TO 70 POUND-INCHES MAXIMUM
- 6 TIGHTEN TO 50-75 POUND-INCHES
- 7 TIGHTEN TO 65-75 POUND-INCHES

ITEM NUMBERS REFER TO IPL FIG. 1
UNLESS SHOWN DIFFERENTLY

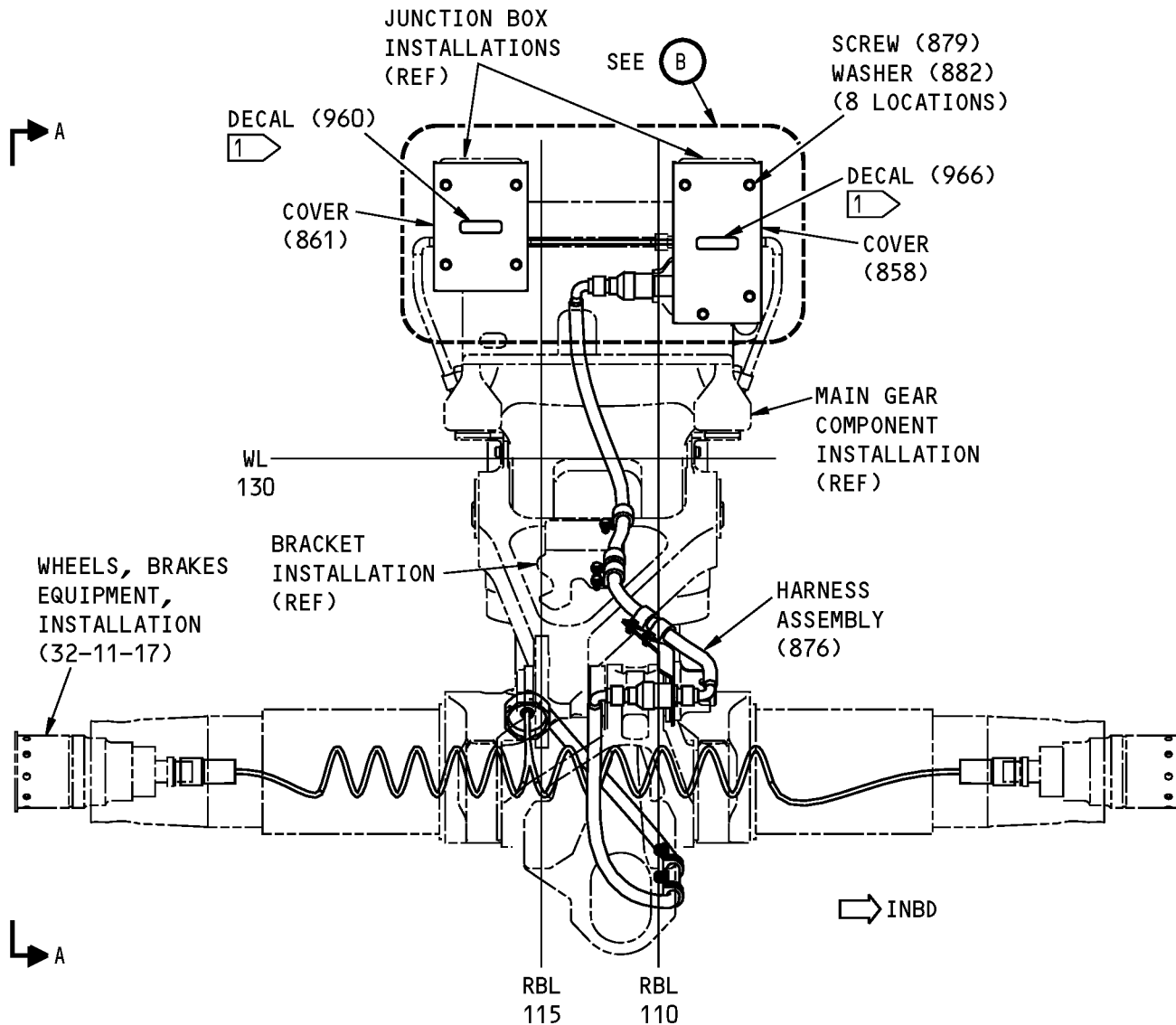
287A6108-5,-9,-19,-21 Harness Installation
Figure 714 (Sheet 4 of 4)

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COMPONENT MAINTENANCE MANUAL

**RIGHT MAIN GEAR
(FRONT VIEW)**

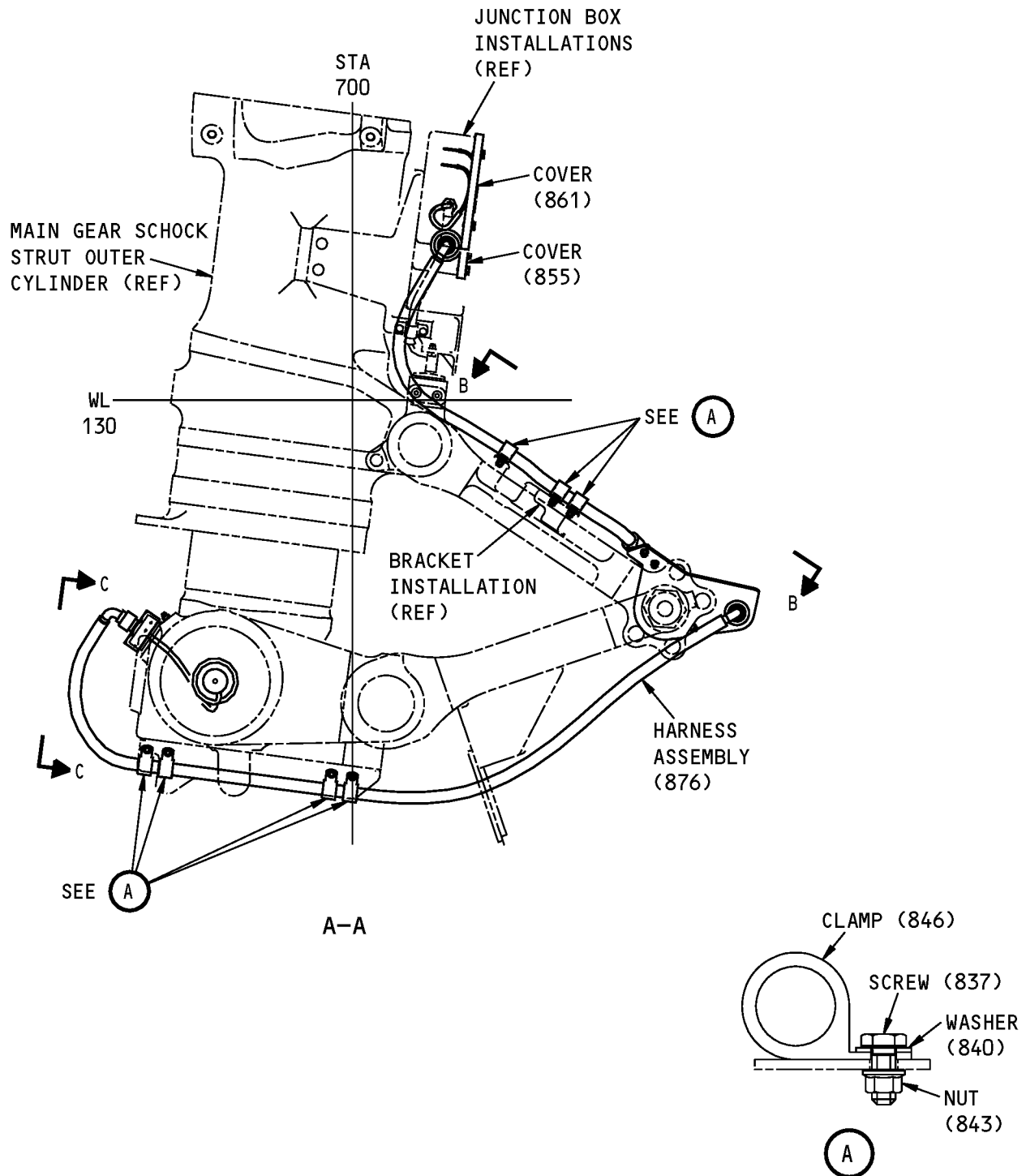
287A6108-6,-10,-20,-22 Harness Installation
Figure 715 (Sheet 1 of 4)

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287A6108-6,-10,-20,-22 Harness Installation
Figure 715 (Sheet 2 of 4)

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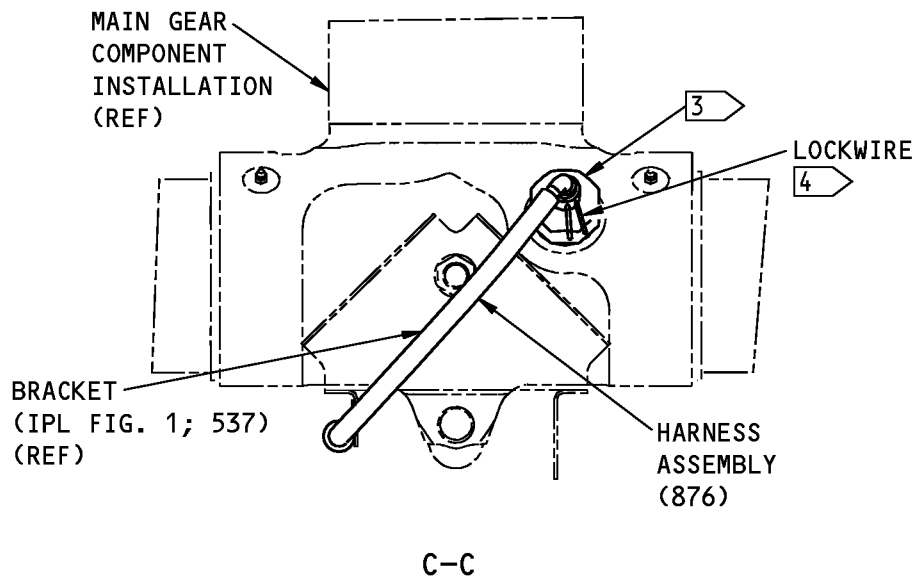
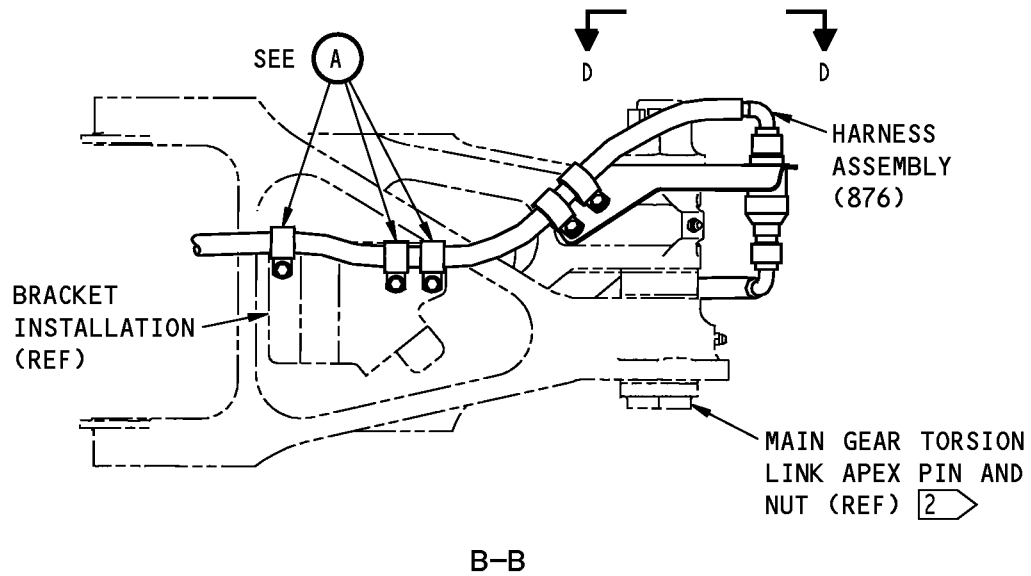
ASSEMBLY

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COMPONENT MAINTENANCE MANUAL



287A6108-6,-10,-20,-22 Harness Installation
Figure 715 (Sheet 3 of 4)

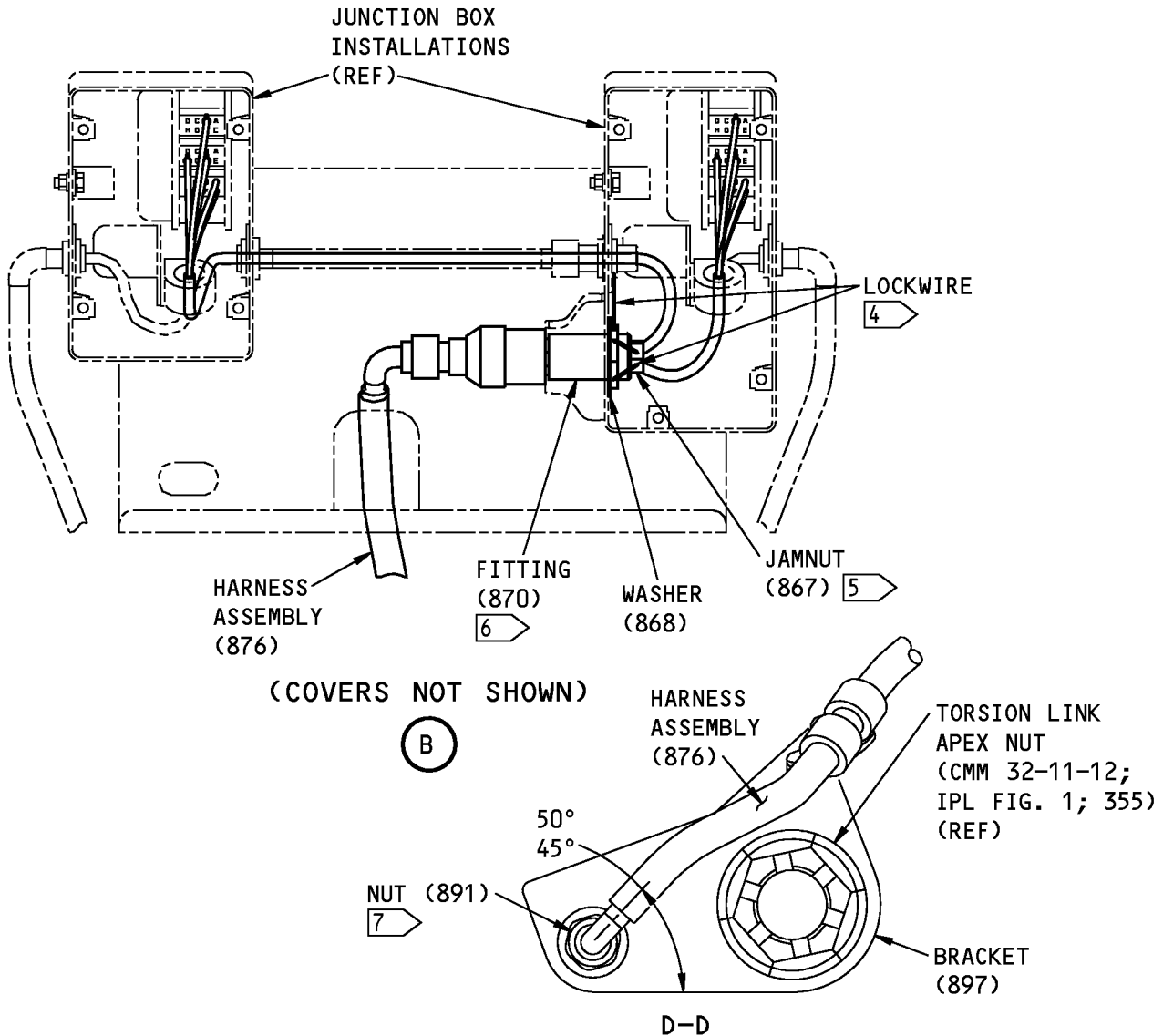
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COMPONENT MAINTENANCE MANUAL



- 1 APPLY TYPE 41 CLEAR COATING (F-21.34) TO THE DECAL
- 2 REFER TO CMM 32-11-12 TO INSTALL AND TIGHTEN THE NUT ON THE APEX PIN
- 3 TIGHTEN TO 70-90 POUND-INCHES
- 4 LOCKWIRE THESE PARTS TOGETHER WITH MS20995NC20 LOCKWIRE (SOPM 20-50-02)

- 5 TIGHTEN TO 70 POUND-INCHES MAXIMUM
- 6 TIGHTEN TO 50-75 POUND-INCHES
- 7 TIGHTEN TO 65-75 POUND-INCHES

ITEM NUMBERS REFER TO IPL FIG. 1
UNLESS SHOWN DIFFERENTLY

287A6108-6,-10,-20,-22 Harness Installation
Figure 715 (Sheet 4 of 4)

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ASSEMBLY
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COMPONENT MAINTENANCE MANUAL

FITS AND CLEARANCES

REF IPL		NAME	TORQUE*	
FIG. NO.	ITEM NO.		POUND-INCHES	POUND-FEET
1	111	Bolt	50-75	
1	117	Bolt	100-175	
1	396	Band clamp	1	
1	441	Screw	1	
1	531	Band clamp	1	
1	561	Screw	1	
1	579	Nut	1	
1	705	Jam nut	50 max	
1	759	Jam nut	1	
1	771	Conduit fittings	45-55	
1	774	Conduit fittings	45-55	
1	777	Conduit fittings	45-55	
1	804	Conduit fittings	45-55	
1	807	Conduit fittings	45-55	
1	810	Conduit fittings	45-55	
1	867	Jam nut	70 max	
1	870	Fitting	50-75	
1	891	Nut	65-75	
1	906	Conduit fittings	45-55	
1	909	Conduit fittings	45-55	
1	912	Conduit fittings	45-55	

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

1 HAND TIGHT

Torque Table
Figure 801

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FITS AND CLEARANCES

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COMPONENT MAINTENANCE MANUAL

SPECIAL TOOLS, FIXTURES, AND EQUIPMENT

(NOT APPLICABLE)

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SPECIAL TOOLS, FIXTURES, AND EQUIPMENT

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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

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ILLUSTRATED PARTS LIST

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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
01673	AIRDROME PRECISION COMPONENTS 3251 E AIRPORT WAY LONG BEACH, CALIFORNIA 90806-2407 FORMERLY AIRDROME PARTS CO
02660	AMPHENOL CORP INDUSTRIAL TECHNOLOGY DIV 358 HALL AVENUE PO BOX 384 WALLINGFORD, CONNECTICUT 06492 FORMERLY BUNKER RAMO CORP, ELTRA CORP AMPHENOL AND AMPHENOL CORP COMM AND IND DIV
05593	ICORE INTERNATIONAL INC 3780 FLIGHTLINE DR SANTA ROSA, CALIFORNIA 95403 FORMERLY IN SANTA CLARA AND SUNNYVALE, CALIFORNIA
06324	GLENAIR INC 1211 AIR WAY GLENDALE, CALIFORNIA 91201-2497
06725	AIR INDUSTRIES CORPORATION 12570 KNOTT STREET GARDEN GROVE, CALIFORNIA 92641-3932 FORMERLY AIR INDUSTRIES OF CALIF IN GARDENA, CALIF.

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**COMPONENT MAINTENANCE MANUAL**

Code	Name
06848	HONEYWELL INTL INC ENGINES AND SYSTEMS 717 N BENDIX DR SOUTH BEND, INDIANA 46620 FORMERLY V34270
07418	JOSLYN SUNBANK CO LLC 1740 COMMERCE WAY PASO ROBLES, CALIFORNIA 93446-3620 FORMERLY SUNBANK ELECTRONICS
08199	SIERRACIN CORPORATION DBA HARRISON 3020 EMPIRE AVENUE BURBANK, CALIFORNIA 91504-3109 FORMERLY TECHNICAL IND INC OR HARRISON MFG CO DIV AXIAL CORP
08748	CRANE ELDEC CORP 16700 13TH AVE WEST LYNNWOOD, WASHINGTON 98036 FORMERLY VB0043; FORMERLY ELECTRO DEVELOPMENT CORP; FORMERLY ELDEC CORP.
09922	SOURIAU USA INC 25 GRUMBACHER DR YORK, PENNSYLVANNIA 17402-9417 FORMERLY FRAMATOME CONNECTORS FRANCE FORMERLY V59610 IIIN VALENCIA, CALIFORNIA
0PTK6	SPS TECHNOLOGIES INC AEROSPACE PRODUCTS DIV 5195 W 4700 SALT LAKE CITY, UTAH 94118 SEE V56878 SPS TECHNOLOGIES INC

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ILLUSTRATED PARTS LIST

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COMPONENT MAINTENANCE MANUAL

Code	Name
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
13556	LABINAL COMPONENTS AND SYS CINCH MILITARY AEROSPACE DIV 8821 SCIENCE CENTER DRIVE MINNEAPOLIS, MINNESOTA 55428-3619 FORMERLY TRW CINCH MFG CO, FORMERLY IN NEW HOPE, MINNESOTA FORMERLY CINCH CYLINDRICAL DIV OF LABINAL COMP & SYS
14242	VOSS INDUSTRIES INC 2168 WEST 25TH STREET CLEVELAND, OHIO 44113-4115
14798	DEUTSCH CO METAL COMPONENTS DIV 14800 SOUTH FIGUEROA STREET GARDEN, CALIFORNIA 90248-1795 FORMERLY WEATHERHEAD V79470 FOR AEROSPACE PROD V 61498 DEUSCH CO THE DEUTSCH AEROSPACE FITTINGS CO DIV
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
18076	UMPCO, INCORPORATED 7100 LAMPSON AVENUE GARDEN GROVE, CALIFORNIA 92841-3914 FORMERLY IN CITY OF INDUSTRY, CALIFORNIA

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**COMPONENT MAINTENANCE MANUAL**

Code	Name
22175	J & M PRODUCTS INC. 1647 TRUMAN STREET SAN FERNANDO, CALIFORNIA 91340 FORMERLY IN ANAHUIM CALIFORNIA AND BURBANK
26066	MINNESOTA MINING & MFG CO INDUSTRIAL TAPE DIVISION 3M CENTER ST. PAUL, MINNESOTA 55144-1000
30974	AEROFIT PRODUCTS INC 6460 DALE STREET BUENA PARK, CALIFORNIA 90621-3115
49367	AMPHENOL CORP AMPHENOL AEROSPACE PYLE-NATIONAL CONNECTORS 40-60 DELAWARE AVE SIDNEY, NEW YORK 13838-1395
50599	CRANE RESISTOFLEX COMPANY 2575 WEST 5TH STREET JACKSONVILLE, FLORIDA 22205 FORMERLY RESISTOFLEX DIV OF UNIDYNAMICS FORMERLY V40223 TELEFLEX FLUID SYS, INC.
52828	REPUBLIC FASTENER MFG CORP 1300 RANCHO CONEJO BLVD NEWBURY PARK, CALIFORNIA 91320-1405 FORMERLY IN SYLMAR, CALIFORNIA
55104	TRI-STAR ELECTRONICS INC 2201 ROSECRANS AVENUE EL SEGUNDO, CALIFORNIA 90245 FORMERLY IN VENICE, CA; FORMERLY V71771 CORY COMPONENTS
56878	SPS TECHNOLOGIES INC AEROSPACE AND INDUSTRIAL PRODUCTS DIV 301 HIGHLAND AVE JENKINTOWN, PENNSYLVANIA 19046 FORMERLY STANDARD PRESSED STEEL FORMERLY IN SALT LAKE, UTAH

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ILLUSTRATED PARTS LIST

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COMPONENT MAINTENANCE MANUAL

Code	Name
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
60119	MONADNOCK CO THE 18301 ARENTH AVENUE ROWLAND HEIGHTS, CALIFORNIA 91748-1288 FORMERLY UNITED CARR FASTENER CORP VB0051 VB0056 VB0076 FORMERLY TRW ELECTRONIC COMPONENTS CINCH-MONADNOCK DIV FORMERLY CINCH-MONADNOCK DIV OF TRW INC V76530 FORMERLY IN CITY OF INDUSTRY, CALIFORNIA
62554	SIMMONDS MECAERO FASTENERS INC 1734 SEQUOIA AVENUE ORANGE, CALIFORNIA 92668
72962	HARVARD INDUSTRIES INC 3 WERNER WAY SUITE 210 LEBANON, NEW JERSEY 08833 FORMERLY ESNA V7A079 FORMERLY ELASTIC STOP NUT IN UNION, NJ
73197	HI-SHEAR TECHNOLOGY CORP 2600 SKYPARK DRIVE TORRANCE, CALIFORNIA 90509
77820	ALLIED AMPHENOL PRODUCTS BENDIX CONNECTOR OPERATIONS 40-60 DELAWARE ST SIDNEY, NEW YORK 13838 FORMERLY BENDIX CORP THE SCINTILLA DIV AND ELECT COMP DIV FORMERLY BENDIX CORP ELECT CMPNT DIV SANTA ANA PLANT V12143
78570	TITEFLEX CORP SUB OF BUNDY CORP 603 HENDEE STREET PO BOX 90054 SPRINGFIELD, MASSACHUSETTS 01139

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COMPONENT MAINTENANCE MANUAL

Code	Name
80539	SPS TECHNOLOGIES INC DIV AERPSOACE - 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
83930	ADEL WIGGINS GROUP 5000 TRIGGS STREET LOS ANGELES, CALIFORNIA 90022-4833 FORMERLY ADEL PROD DIV OF DELAVAL TURBINE CALIF INC; FORMERLY EXACTO IND V72285; FORMERLY DELAVAL ADEL FSTN DIV FORMERLY TRANSAMERICA DELAVAL ADEL FTNRS DIV; FORMERLY IMO DELAVAL IN HUNTINGTON, WV
84971	TA MFG CO TA DIV 28065 W FRANKLIN PKY PO BOX 931 VALENCIA, CALIFORNIA 91380-9031 FORMERLY IN LA, CALIF; SUB OF CRITON CORP, GLENDALE, CALIF
8W928	EATON AEROQUIP INC CLAMP PRODUCTS DIV RT 2 BOX 361 MEADOWBROOK RD EASTANOLLEE, GEORGIA 30538-0361 FORMERLY AEROQUIP CORP IN TOCCOA, GEORGIA
92069	RELIABLE PATTERN WORKS AND FOUNDRY 106 STOCKTON AVE P O BOX 26040 SAN JOSE, CALIFORNIA 95159
92215	FAIRCHILD IND INC FAIRCHILD AEROSPACE FASTENER DIV 3010 W LOMITA BLVD TORRANCE, CALIFORNIA 90505-5102 FORMERLY VOI-SHAN IN CULVER CITY, CALIF
94581	NATIONAL UTILITIES CORP/NUCO 1700 HICKORY DRIVE PO BOX 14639 FORT WORTH, TEXAS 76117-6020 FORMERLY IN MONROVIA, CALIFORNIA; FORMERLY V2D588

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Code	Name
97393	SHUR-LOK CORPORATION 2541 WHITE ROAD PO BOX 19584 IRVINE, CALIFORNIA 92623-9584 FORMERLY SHUR LOK CORP VB0060 FORMERLY IN SANTA ANA, CALIFORNIA 92714
98441	STRATOFLEX AEROSPACE MILITARY CONNECTOR DIV 220 ROBERTS CUT-OFF FT. WORTH, TEXAS 76114 FORMERLY STRATOFLEX INC; PARKER-HANNIFIN FLUID CONN GROUP; FORMERLY PARKER-HANNIFIN FLUID PWR DIV V82271
F6101	AERAZUR/DIV EQUIPEMENTS AERONAUTIQUES SA 58 BD GALLIENI 92137 ISSY LES MOULINEAUX, CEDEX, FRANCE

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NUMERICAL INDEX

PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		1		1
001A6103-1		1	1A	RF
001A6103-10		1	3D	RF
001A6103-11		1	1F	RF
001A6103-12		1	3E	RF
001A6103-13		1	1G	RF
001A6103-14		1	3F	RF
001A6103-15		1	1H	RF
001A6103-16		1	3G	RF
001A6103-17		1	1J	RF
001A6103-18		1	3H	RF
001A6103-19		1	1K	RF
001A6103-2		1	3	RF
001A6103-20		1	3J	RF
001A6103-21		1	1L	RF
001A6103-22		1	3K	RF
001A6103-23		1	1M	RF
001A6103-24		1	3L	RF
001A6103-25		1	1N	RF
001A6103-26		1	3M	RF
001A6103-27		1	1P	RF
001A6103-28		1	3N	RF
001A6103-29		1	1Q	RF
001A6103-3		1	1B	RF
001A6103-30		1	3P	RF
001A6103-31		1	1R	RF
001A6103-32		1	3Q	RF
001A6103-33		1	1S	RF
001A6103-34		1	3R	RF
001A6103-4		1	3A	RF
001A6103-5		1	1C	RF
001A6103-6		1	3B	RF
001A6103-7		1	1D	RF
001A6103-8		1	3C	RF

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
001A6103-9		1	1E	RF
1-899-29		1	333	2
10-61226-29		1	333	2
102B13171-4		5	60	2
102B13171-6		1	141	1
		5	70	1
102F9207P3		1	132	10
		1	290	2
		1	309	2
		5	55	10
130120G		1	750	6
161A1100-27		1	6H	1
161A1100-28		1	9H	1
161A1100-31		1	6F	1
161A1100-32		1	9F	1
161A1100-35		1	6G	1
161A1100-36		1	9G	1
161A1100-39		1	6J	1
161A1100-40		1	9J	1
161A1149-1		2	50	1
161A1214-3		2	65	1
161A1215-1		2	40	1
161A1217-1		2	45	1
161A1217-2		2	55	1
161A1218-1		2	60	1
161A1219-1		2	70	1
161A1220-1		2	75	1
2-02903-04H		3	150	2
2-02903-06H		1	45	2
		1	57	2
		3	120	2
248-136-1600S02		1	921	3
		1	942	3
		1	962	1
272A6101-1		1	12	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
272A6101-103		1	39	1
		3	100	1
272A6101-105		1	51	1
272A6101-106		1	42	1
272A6101-107		1	51A	1
		3	110	1
272A6101-108		1	42A	1
		3	115	1
272A6101-111		3	140	1
272A6101-112		3	145	1
272A6101-115		1	54	1
		3	105	1
272A6101-119		3	130A	1
272A6101-120		3	135A	1
272A6101-121		3	130	1
272A6101-122		3	135	1
272A6101-2		1	15	1
272A6101-7		1	12A	1
		3	1A	RF
272A6101-8		1	15A	1
		3	5	RF
273A3600-1		1	10	1
		2	1A	RF
273A3600-2		1	11	1
		2	5	RF
273A3600-3		1	10A	1
		2	1B	RF
273A3600-4		1	11A	1
		2	5A	RF
273A3610-2		2	80	1
273A3610-4		2	80A	1
274A1900-3		1	63A	1
274A1900-4		1	66A	1
274A1900-5		1	63B	1
		4	1A	RF

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
274A1900-6		1	66B	1
		4	5	RF
274A1901-1		1	96	1
		4	50	1
		5	185	1
274A1902-3		1	93	1
		4	45	1
274A1902-4		1	90	1
274A1902-5		1	91	1
274A1902-7		4	40	1
274A1903-1		1	84	1
		5	180	1
274A1910-1		1	105	1
		5	1A	RF
274A1910-2		1	108	1
274A1910-3		1	105A	1
		5	1B	RF
274A1910-4		1	108A	1
		5	5	RF
274A1911-1		1	123	1
		5	40	1
274A1911-2		1	126	1
		5	45	1
274A1912-1		1	174	1
		5	125	1
274A1912-2		1	177	1
		5	130	1
274A1912-3		1	168	1
		5	115	1
274A1912-4		1	171	1
		5	120	1
274A1913-1		1	162	1
		5	105	1
274A1913-2		1	165	1
		5	110	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
274A1913-3		1	471C	1
		5	175	1
274A1914-1		1	120	1
		5	35	1
274A1914-2		1	114	2
		1	195A	1
274A1920-1		1	180	1
274A1920-2		1	183	1
274A1920-3		1	180A	1
274A1920-4		1	183A	1
274A1921-1		1	204	1
274A1921-2		1	207	1
274A1921-3		1	204A	1
		1	204B	1
274A1921-4		1	207A	1
		1	207B	1
274A1922-1		1	294	1
274A1922-2		1	297	1
274A1923-1		1	300	1
274A1923-2		1	303	1
274A1923-3		1	300A	1
274A1923-4		1	303A	1
274A1923-5		1	312	1
274A1923-6		1	315	1
274A1923-7		1	312A	1
274A1923-8		1	315A	1
274A1924-1		1	285	1
274A1924-11		1	281	1
274A1924-2		1	288	1
274A1924-3		1	285A	1
274A1924-4		1	288A	1
274A1924-5		1	290J	1
274A1924-6		1	290K	1
274A1924-7		1	276	1
274A1924-8		1	279	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
274A1944-1		1	471A	1
274A1945-1		5	20	1
274A1945-2		5	25	1
274A1946-1		1	359	1
		1	359A	1
274A1946-2		1	359J	1
		1	359K	1
284A0313-5		1	318B	1
284A0313-6		1	321B	1
284A0313-7		1	318C	1
284A0313-8		1	321C	1
284A3313-3		1	358	1
		1	362A	1
284A3313-4		1	361	1
284A3313-5		1	358J	1
284A3313-6		1	342B	AR
284A3313-7		1	341	AR
		1	343	AR
284A4313-2		1	346	1
284A4313-3		1	345B	1
		1	347	1
287A6105-1		1	375	1
287A6105-11		1	456C	1
287A6105-12		1	459C	1
287A6105-13		1	456B	1
287A6105-14		1	459B	1
287A6105-2		1	378	1
287A6105-7		1	456A	1
287A6105-8		1	459A	1
287A6107-1		1	555	1
287A6107-2		1	558	1
287A6107-3		1	555A	1
287A6107-4		1	558A	1
287A6108-1		1	726	1
287A6108-10		1	834A	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
287A6108-15		1	726B	1
287A6108-16		1	729B	1
287A6108-17		1	726A	1
287A6108-18		1	729A	1
287A6108-19		1	831C	1
287A6108-2		1	729	1
287A6108-20		1	834C	1
287A6108-21		1	831B	1
287A6108-22		1	834B	1
287A6108-9		1	831A	1
287A6115-1		1	420	1
287A6115-2		1	423	1
287A6115-4		1	537	1
287A6115-5		1	498	1
287A6115-6		1	537A	1
287A6116-1		1	804	1
287A6116-10		1	720	1
287A6116-11		1	912	1
287A6116-2		1	771	1
287A6116-22		1	903	1
287A6116-25		1	870	1
287A6116-26		1	909	1
287A6116-27		1	913	1
287A6116-28		1	914	1
287A6116-3		1	807	1
287A6116-31		1	906A	1
287A6116-32		1	909A	1
287A6116-33		1	912A	1
287A6116-34		1	720A	1
287A6116-4		1	810	1
287A6116-5		1	774	1
287A6116-6		1	777	1
287A6116-7		1	723	1
287A6116-8		1	717	1
287A6116-9		1	906	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
287A6117-1		1	648	1
287A6117-2		1	651	1
287A6117-3		1	597	1
287A6117-4		1	600	1
287A6118-1		1	798	1
287A6118-11		1	873A	1
287A6118-12		1	876A	1
287A6118-13		1	798A	1
287A6118-14		1	801A	1
287A6118-15		1	765A	1
287A6118-16		1	768A	1
287A6118-2		1	801	1
287A6118-201		1	813	1
287A6118-202		1	816	1
287A6118-203		1	780	1
287A6118-204		1	783	1
287A6118-209		1	915	1
287A6118-210		1	936	1
287A6118-211		1	918	1
287A6118-212		1	939	1
287A6118-213		1	813A	1
287A6118-214		1	816A	1
287A6118-215		1	780A	1
287A6118-216		1	783A	1
287A6118-217		1	915A	1
287A6118-218		1	936A	1
287A6118-219		1	918A	1
287A6118-220		1	939A	1
287A6118-221		1	958	1
287A6118-222		1	959	1
287A6118-223		1	959A	1
287A6118-224		1	958A	1
287A6118-27		1	873B	1
287A6118-28		1	876B	1
287A6118-29		1	874	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
287A6118-3		1	765	1
287A6118-30		1	877	1
287A6118-4		1	768	1
287A6125-1		1	429	1
287A6125-11		1	897	1
287A6125-12		1	507	1
287A6125-13		1	513	1
287A6125-14		1	543	1
287A6125-15		1	546	1
287A6125-16		1	549	1
287A6125-17		1	552	1
287A6125-2		1	432	1
287A6125-21		1	504	1
287A6125-22		1	547	1
287A6125-23		1	471B	1
287A6125-3		1	435	1
287A6125-4		1	438	1
287A6125-5		1	402	1
287A6125-6		1	405	1
287A6125-7		1	453	1
287A6125-9		1	471	1
287A6127-1		1	690	1
287A6127-11		1	861	1
287A6127-12		1	609	1
		1	660	1
287A6127-13		1	855	1
287A6127-14		1	858	1
287A6127-15		1	611J	1
287A6127-16		1	615	1
287A6127-17		1	626J	1
		1	674J	1
287A6127-18		1	626K	1
		1	674K	1
287A6127-2		1	693	1
287A6127-3		1	621	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		1	669	1
287A6127-4		1	624	1
		1	672	1
287A6127-5		1	636	2
		1	684	2
287A6127-6		1	639	1
		1	687	1
287A6127-7		1	642	1
287A6127-8		1	645	1
287A6135-1		1	483	1
287A6137-1		1	615A	1
287A6145-1		1	450	1
287A6145-3		1	510	2
287A6145-4		1	399	1
287N6115-3		1	88	4
		4	35	4
300-100-0029		1	705	5
300-100-0030		1	759	2
		1	759A	2
		1	891	1
		1	891A	1
300-100-0038		1	867	1
3140AB030E		1	531	2
3140AB048E		1	396	1
35235V04		3	150	2
35235V06		1	45	2
		1	57	2
		3	120	2
417-1616-902		1	786	7
		1	819	7
417-2020-901		1	786A	7
		1	787	1
		1	819A	7
		1	820	1
418-1616-902		1	921	3

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
48-1825-02		1	942	3
		1	962	1
		1	786	7
		1	786	7
		1	819	7
		1	819	7
48-2182		1	964A	1
48-2335-02		1	786A	7
		1	786A	7
		1	787	1
		1	787	1
		1	819A	7
		1	819A	7
48-2359		1	820	1
		1	820	1
48-2359		1	961A	1
509SS11		1	888B	2
509SS8		1	846A	7
		1	847A	4
509SS9		1	846C	7
534CS104		1	582	2
534CS105		1	582A	2
620AS028NF12L		1	933	1
		1	954	1
64611		1	900A	2
64611C		1	900C	2
64841		1	901A	1
8412		1	408	AR
		1	534	AR
92834-428CD		5	60	2
92834-624CD		1	141	1
		5	70	1
97934A04EE0320B		1	102A	2
		4	60	2
AFP175V04		3	150	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
AFP175V06		1	45	2
		1	57	2
		3	120	2
AN924-4T		3	45	3
AN924-6T		1	24	4
		3	40	4
AP2097-06H		1	45	2
		1	57	2
AP2097H04		3	150	2
AP2097H06		3	120	2
AS115-04F0124		3	165	1
AS154A04EE0320B		1	102A	2
		4	60	2
B472-4EE0320B		1	102A	2
		4	60	2
BAC27DEX6179		1	372	1
BAC27DEX6180		1	366	1
BAC27DEX6181		1	369	1
BAC27DEX6183		1	363	1
BAC27DEX6562		1	976	1
BAC27DEX6563		1	970	1
BAC27DEX6564		1	973	1
BAC27DEX6565		1	979	1
BACB19F10S		1	390	2
		1	525	4
BACB30NM3HK2		1	591	8
BACB30NM3K3		1	324A	4
		1	381	2
		1	516	4
BACB30NM3K6		1	348A	4
BACB30NR4K14		1	186	1
BACB30NR4K15		1	72	4
		4	10	4
BACB30NR4K30		1	189	1
BACB30NR4K31		1	73	4

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		4	15	4
BACB30NR4K35		1	69	2
		5	150	2
BACB30US4K16		1	111	2
		5	10	2
BACB30US6K16		1	117	1
		5	30	1
BACB30US7K11H		2	10	4
BACB30VU5K		5	85	12
BACB30VU5K3		1	150	12
BACC10FY030SE		1	531	2
BACC10FY048SE		1	396	1
BACC10GE11C		1	888B	2
BACC10GE8C		1	846A	7
		1	847A	4
BACC10GE9C		1	846C	7
BACC10GU104		1	582	2
BACC10GU105		1	582A	2
BACC10JU103		1	570	2
BACC10KD12		1	933	1
		1	954	1
BACC15AN10		1	393	2
		1	528	4
BACC30BL5		1	153	12
		5	90	12
BACC47CN1		1	786A	7
		1	787	1
		1	819A	7
		1	820	1
BACC47CN2		1	786	7
		1	819	7
BACC47CP2T		1	921	3
		1	942	3
		1	962	1
BACC63BP12A3SN		1	927A	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		1	948	1
BACC63BP12D3SN		1	967	1
BACC63BP14D15P6		1	825C	1
BACC63BP14D15PN		1	792A	1
		1	825A	1
BACC63BP14D7P6		1	825B	1
BACC63BP14D7PN		1	792	1
		1	825	1
BACE21BM0404J		3	15	2
BACE21BM0606J		1	18	4
		3	10	3
BACE21BR0606P		1	99	2
		4	55	2
BACG20ZB000484		1	156	1
		5	95	1
BACG20ZB000535		1	159	1
		5	100	1
BACH8A04EE0320B		1	102A	2
		4	60	2
BACN10JP06BCD		1	611	2
BACN10KB3CFD		1	132	10
		1	290	2
		1	309	2
		5	55	10
BACN10YA4		3	155	2
BACN10YA4L		3	160	2
BACN10YA6N		1	48	2
		1	60	2
		3	125	2
BACN10YD1G		1	750	6
BACN10YR08CD		1	340A	8
BACN10YR3CD		1	33	2
		1	330	4
		1	357	4
		1	387	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		1	417	2
		1	447	2
		1	480	4
		1	522	4
		1	567	2
		1	579	2
		1	738	12
		1	843	7
		1	844	4
		3	75	2
		3	80	1
BACN10YR3CM		1	885	2
BACN10YR4CD		1	81	10
		1	201	2
		1	468	2
		1	492	4
		4	25	8
		5	145	2
		5	165	2
BACN10ZC4CD		5	60	2
BACN10ZC4CN		1	135	2
BACN10ZC6CD		1	141	1
		5	70	1
BACN11N4CD		2	35A	1
BACP18BC02A06P		2	20	1
BACR10AL4AC		1	138	2
		5	65	2
BACR10AL6AC		1	144A	1
		5	75	1
BACR15BA3AD		1	610	4
BACR15BA3AD4C		1	129	20
		1	306	4
BACR15BA3ADC		1	289A	4
		5	50	20
BACR15BA5AD6C		1	273	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
BACR15BB5D		1	540	8
BACR15BB5D6C		1	282	3
BACR15BB6D		1	426	2
		1	501	4
BACR15BB6D7C		1	291	4
BACR15FT6AD		1	280	2
BACS12ER06K7		1	606	2
		1	657	2
BACS12GU3K10		1	474	4
BACS12GU3K13D		1	441	2
BACS12GU3K16		1	741	2
BACS12GU3K7		1	27	8
		1	747	14
		1	837	7
		1	838	4
		3	50	8
		3	55	1
BACS12GU3K7D		1	561	2
		1	696	4
		1	849	8
		1	879	2
BACS12GU3K8		1	732	4
		3	60	1
BACS12GU3K8D		1	411	2
		1	573	2
BACS12GU4K16		1	462	2
		1	486	4
		5	135	2
BACS13BX04H		3	150	2
BACS13BX06H		1	45	2
		1	57	2
		3	120	2
BACS18AF4Y		1	626	1
		1	674	1
BACS18K25-50W		1	199	1

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
BACW10BN3AC		1	351A	4
BACW10BN4AC		1	192	2
BACW10BP4CD		5	15	2
BACW10BP4DP		1	198	1
BACW10BP7ACU		2	15	4
		2	17A	4
BC1083-030SE		1	531	2
BC1083-048SE		1	396	1
BRC600-8-3GP		1	750	6
BRF100C3D		1	132	10
		1	290	2
		1	309	2
		5	55	10
C48-2335-02		1	786A	7
		1	787	1
		1	819A	7
		1	820	1
D221-04		1	759B	2
		1	891B	1
DB0S13BX04H		3	150	2
DB0S13BX06H		1	45	2
		1	57	2
		3	120	2
F51604-3		1	132	10
		1	290	2
		1	309	2
		5	55	10
H52732-08CD		1	340A	8
H52732-3CD		1	33	2
		1	330	4
		1	357	4
		1	387	2
		1	417	2
		1	447	2
		1	480	4

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		1	522	4
		1	567	2
		1	579	2
		1	738	12
		1	843	7
		1	844	4
		3	75	2
		3	80	1
H52732-3CM		1	885	2
H52732-4CD		1	81	10
		1	201	2
		1	468	2
		1	492	4
		4	25	8
		5	145	2
		5	165	2
HST11AG5-3		1	150	12
		1	150	12
		1	150	12
		1	150	12
HST79-5		1	153	12
		5	90	12
HST79CY5		1	153	12
		1	153	12
		1	153	12
		5	90	12
		5	90	12
		5	90	12
JM44LC13WH11R		1	888B	2
JM44LC13WH8R		1	846A	7
		1	847A	4
JM44LC13WH9R		1	846C	7
JM44LC39S104RG		1	582	2
JM44LC39S105RG		1	582A	2
LRC16M15F74		1	921	3

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
LRM16M15F74		1	942	3
		1	962	1
		1	786	7
		1	819	7
LRM20W16F74		1	786A	7
		1	787	1
		1	819A	7
		1	820	1
M39029-1-102		1	789	6
		1	790	2
		1	822	6
		1	823	2
		1	924	3
		1	945	3
		1	965	2
		1	585	2
M81714-3DB1		1	588	4
M81714-3DD1		1	612	1
M81714-5-2		1	663	1
		3	90	1
M85052-2-4		3	95	3
		1	36	8
M85052-2-6		3	85	8
		1	630	4
MF6000-3		1	678	4
		2	35	1
MS14144L4		2	35B	1
		1	625	1
MS20427M3C		1	673	1
		1	618	2
MS20427M4		1	633	12
		1	666	2
		1	681	12
		1	603	5
		1	654	3

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
MS20615-3M		1	627	8
		1	675	8
MS21209F1-15P		1	147	4
		5	80	4
MS21924-4T		3	25	1
MS21924-6T		3	20	1
MS27488-16		1	795	1
		1	828	1
		1	864	24
		1	865	16
		1	930	1
		1	951	1
MS27488-20		1	968	1
		1	795A	1
		1	828A	1
MS35333-78		1	708	5
MS35333-80		1	762	2
NAS1149C0332R		1	852	8
		1	882	2
NAS1149C0816R		1	714	1
NAS1149C0832R		1	711	2
NAS1149C1032R		1	894	1
NAS1149C1432R		1	868	1
NAS1149D0316J		1	30	10
		3	65	11
		3	70	2
NAS1149D0332J		1	384	2
		1	414	2
		1	444	4
		1	477	8
		1	519	4
		1	564	2
		1	576	2
		1	594	8
		1	699	4

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		1	735	20
		1	840	7
		1	841	4
NAS1149D0363J		1	327A	4
		1	354A	4
NAS1149D0432J		1	75	18
		1	465	4
		1	489	8
		4	20	16
		5	140	4
		5	155	2
NAS1149D0463J		1	78	2
		5	160	2
NAS1149D0763J		3	35	6
NAS1149D0932J		1	21	8
		3	30	8
NAS1149DN816J		1	339A	8
NAS1149E0463R		2	30	2
NAS1149E0763R		2	17	4
NAS1716D6T		1	702	2
NAS1802-3-7		1	27A	8
NAS43DD4-19FC		1	495	2
NAS43DD4-44FC		1	87	6
		4	30	4
		5	170	2
NAS43HT3-27		1	744	2
NAS514P832-8P		1	336A	8
NAS6704DU25		2	25	1
		2	25B	1
NAS6704DU26		2	25A	1
NE102228-030		1	531	2
NE103338-048		1	396	1
NS202478-02		1	132	10
		1	290	2
		1	309	2

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PART NUMBER	AIRLINE PART NUMBER	FIGURE	ITEM	UNITS PER ASSEMBLY
		5	55	10
PLH508CD		1	340A	8
PLH53CD		1	33	2
		1	330	4
		1	357	4
		1	387	2
		1	417	2
		1	447	2
		1	480	4
		1	522	4
		1	567	2
		1	579	2
		1	738	12
		1	843	7
		1	844	4
		3	75	2
		3	80	1
PLH53CM		1	885	2
PLH54CD		1	81	10
		1	201	2
		1	468	2
		1	492	4
		4	25	8
		5	145	2
		5	165	2
R291204EE0320B		1	102A	2
		4	60	2
S369WHSS11		1	888B	2
S369WHSS6		1	846A	7
		1	847A	4
S369WHSS9		1	846C	7
S3819-12-65		1	933	1
		1	954	1
S717-104S104RG		1	582	2
S717-105		1	582A	2

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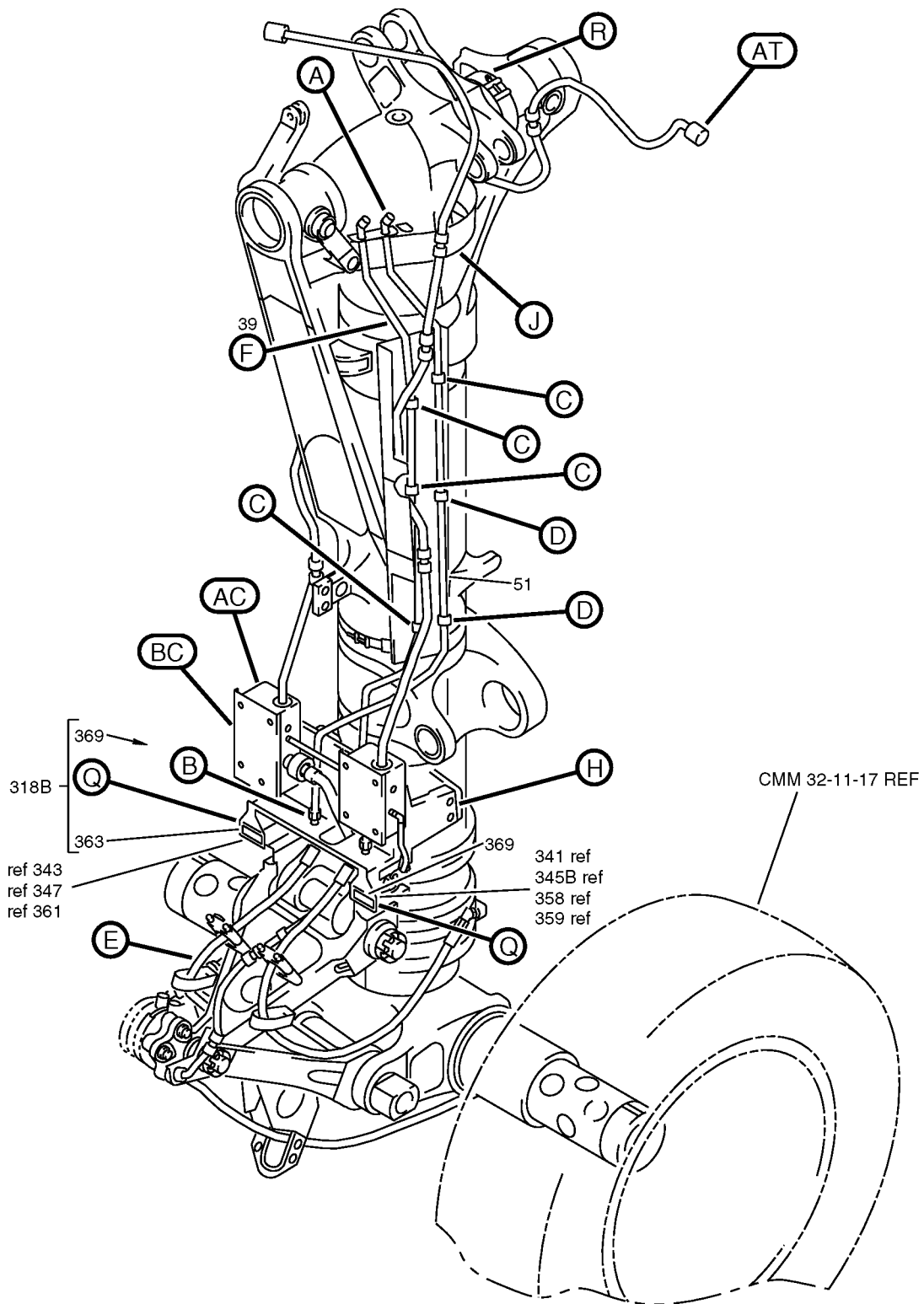
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SL4113-4CDBAC		5	60	2
SL4113-6CDBAC		1	141	1
		5	70	1
SLR4001-4AC		1	138	2
		5	65	2
SLR50-4AC		1	138	2
		5	65	2
STBN10RC3		1	630	4
		1	678	4
T300-702-0002		1	901	1
TA027068		1	756	16
TA027069		1	846	7
		1	847	4
TA027070		1	753	4
		1	846B	7
		1	888A	2
TA027071		1	888	2
TA12C32WH11		1	888B	2
TA12C32WH6		1	846A	7
		1	847A	4
TA12C32WH9		1	846C	7
ZZL4016-36LT		1	786	7
		1	819	7
ZZL4020-36LT		1	786A	7
		1	787	1
		1	819A	7
		1	820	1
ZZL4116-10P		1	964	1
ZZL4116-10R		1	961	1
ZZL4116-36LT		1	921	3
		1	942	3
		1	962	1

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Main Gear Customer End Item
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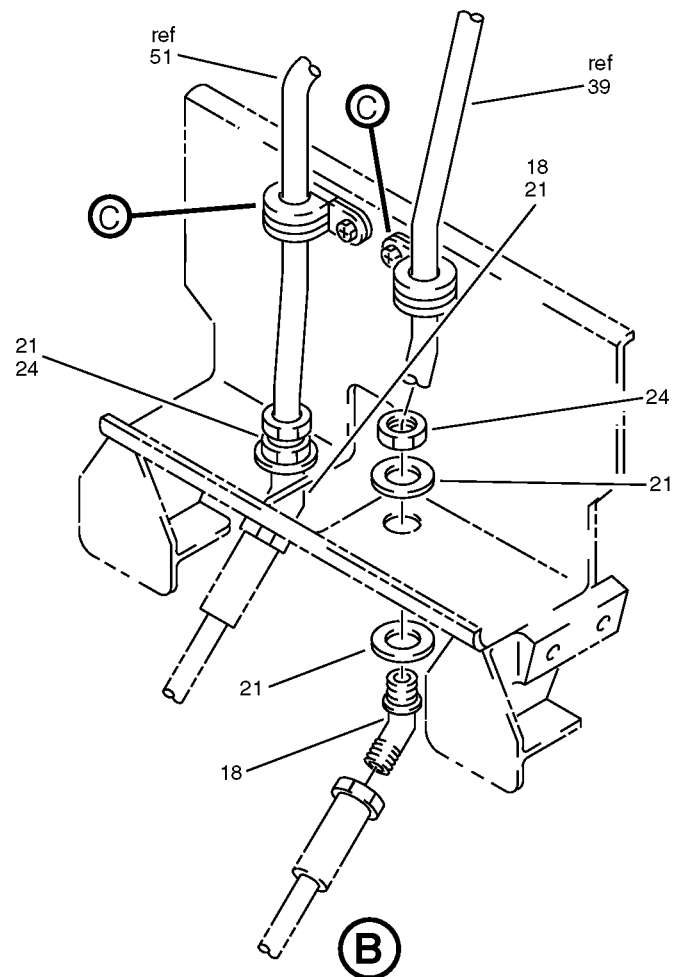
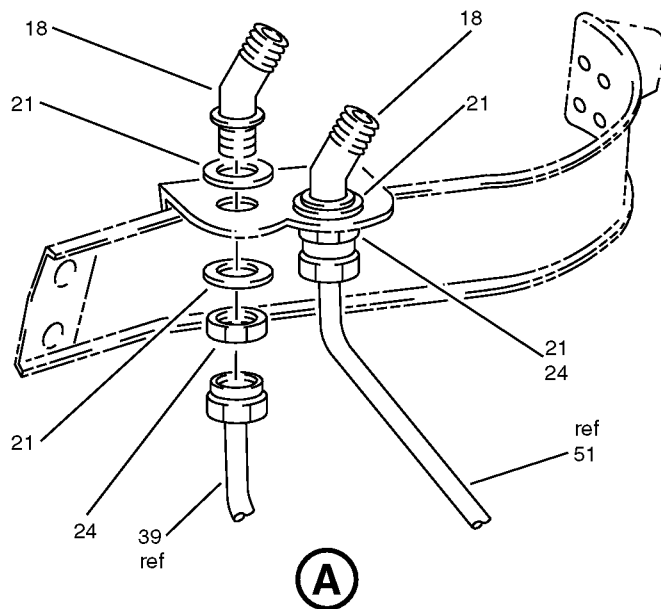
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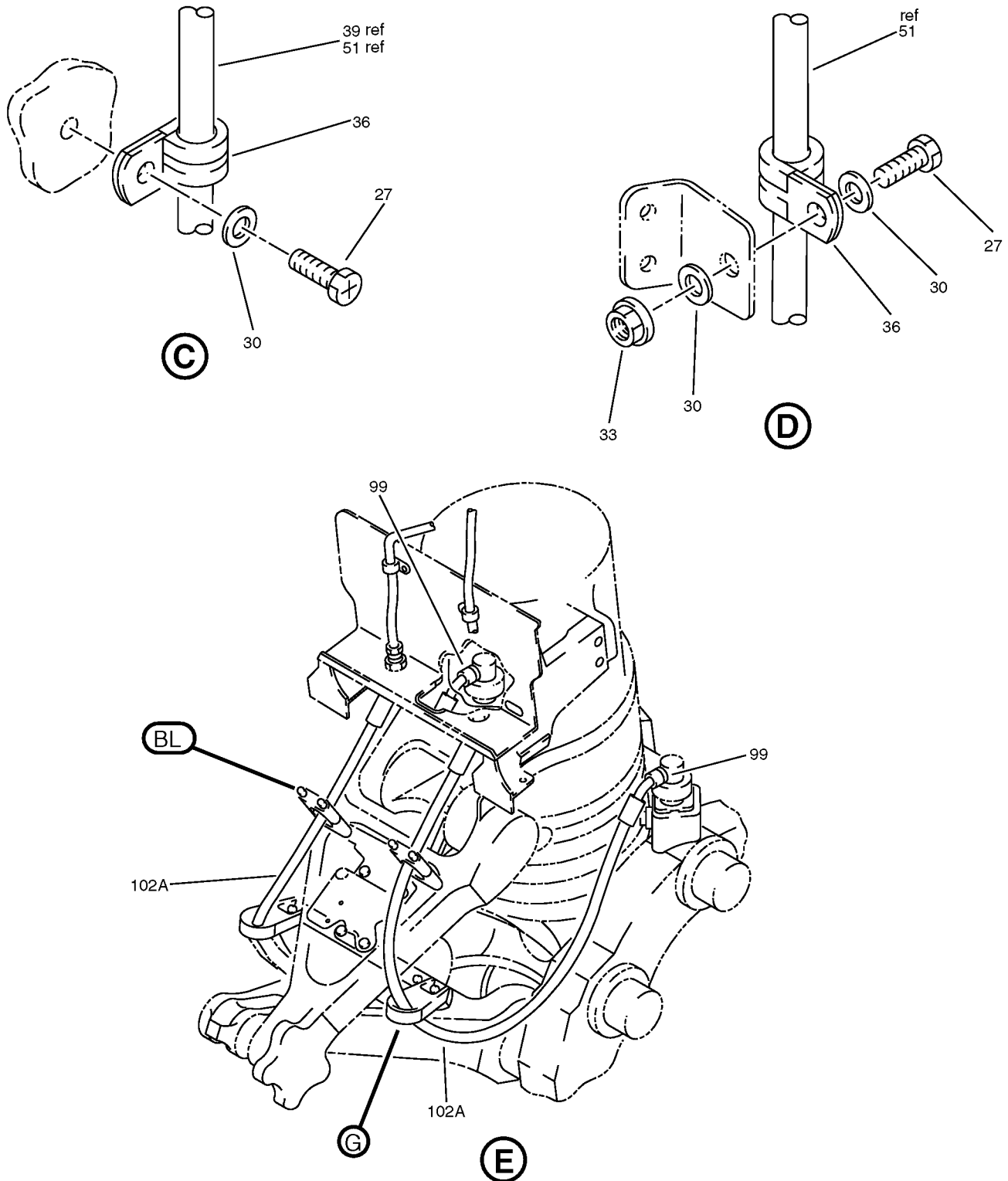
Main Gear Customer End Item
IPL Figure 1 (Sheet 2 of 30)

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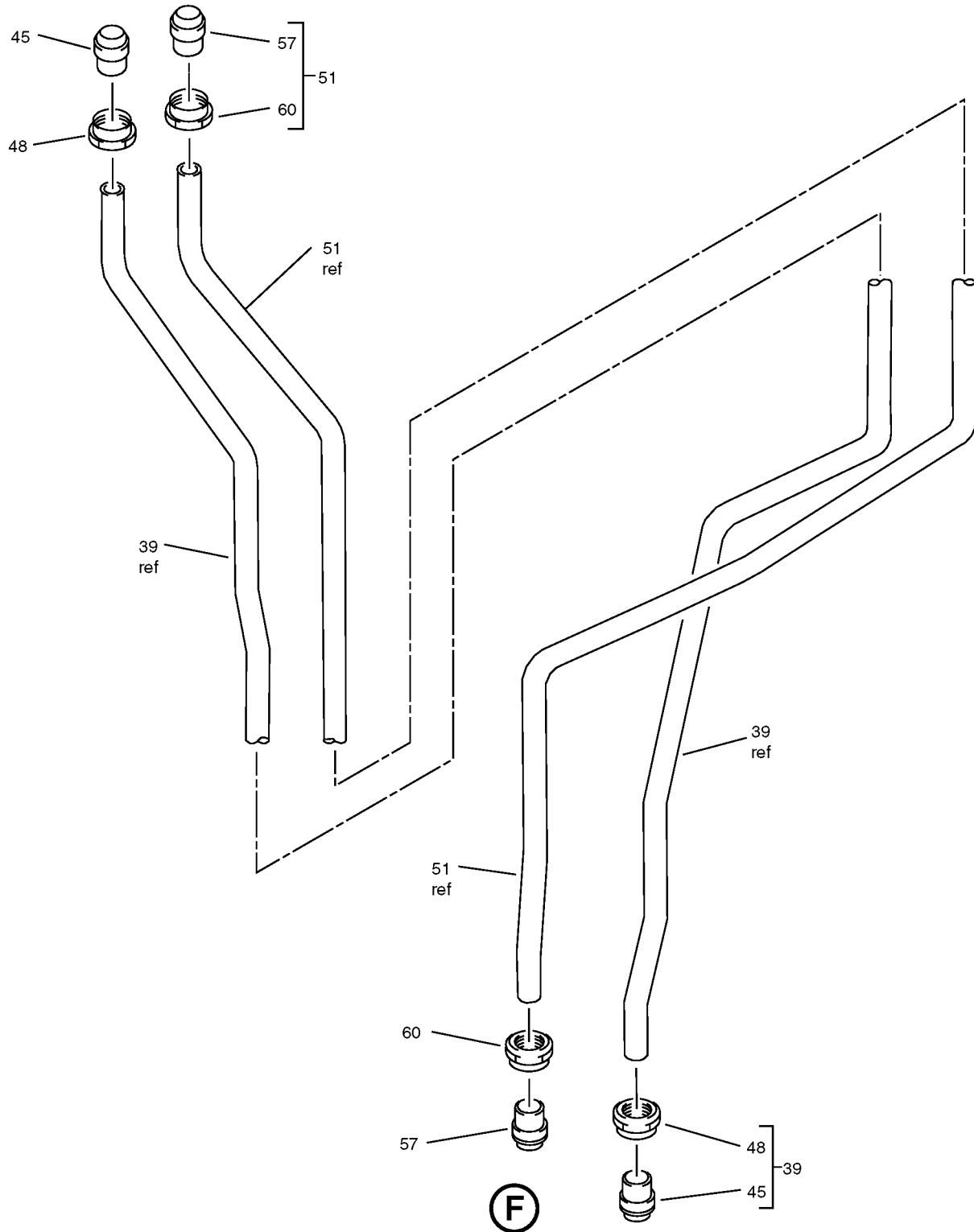
Main Gear Customer End Item
IPL Figure 1 (Sheet 3 of 30)

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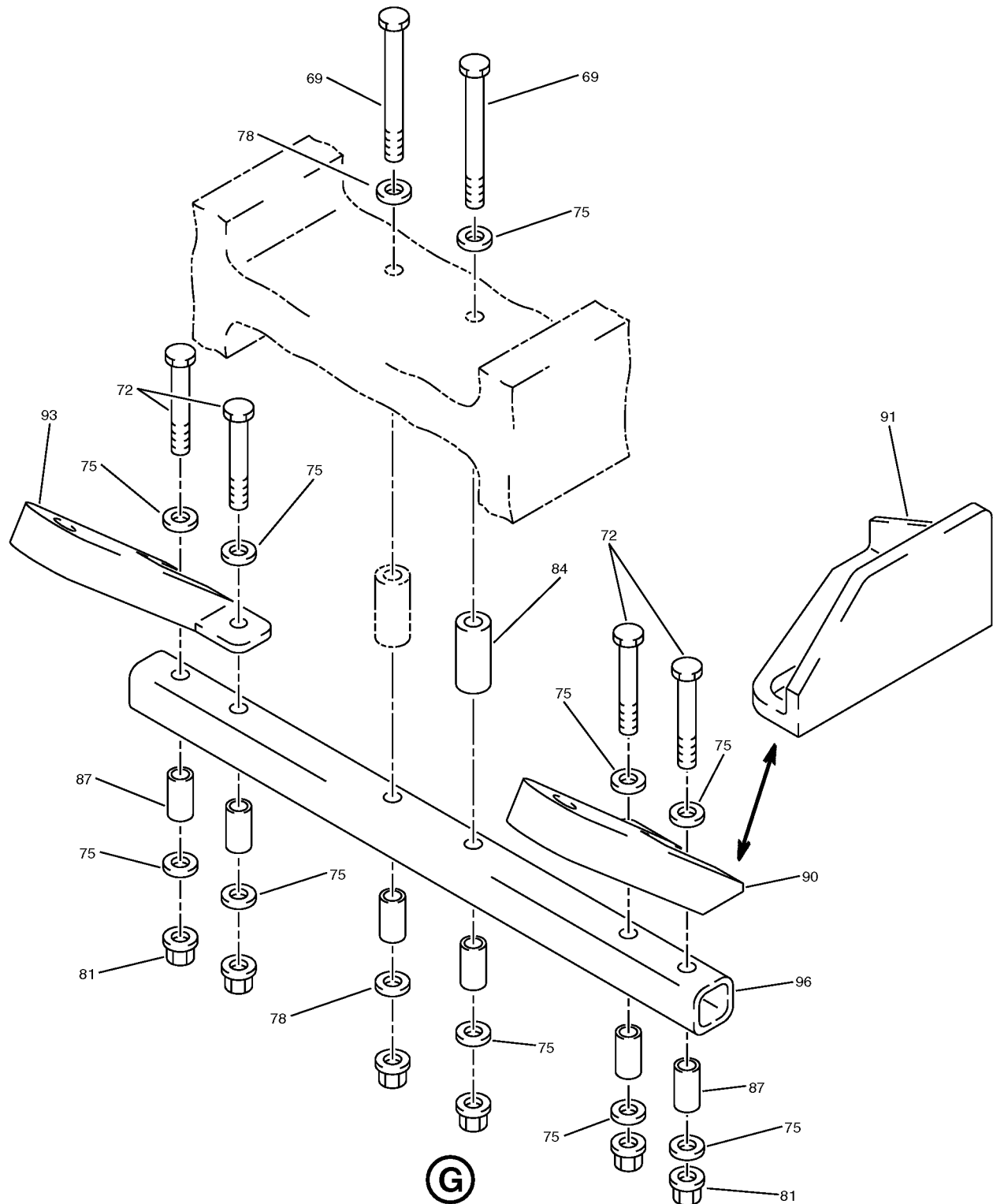
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IPL Figure 1 (Sheet 4 of 30)

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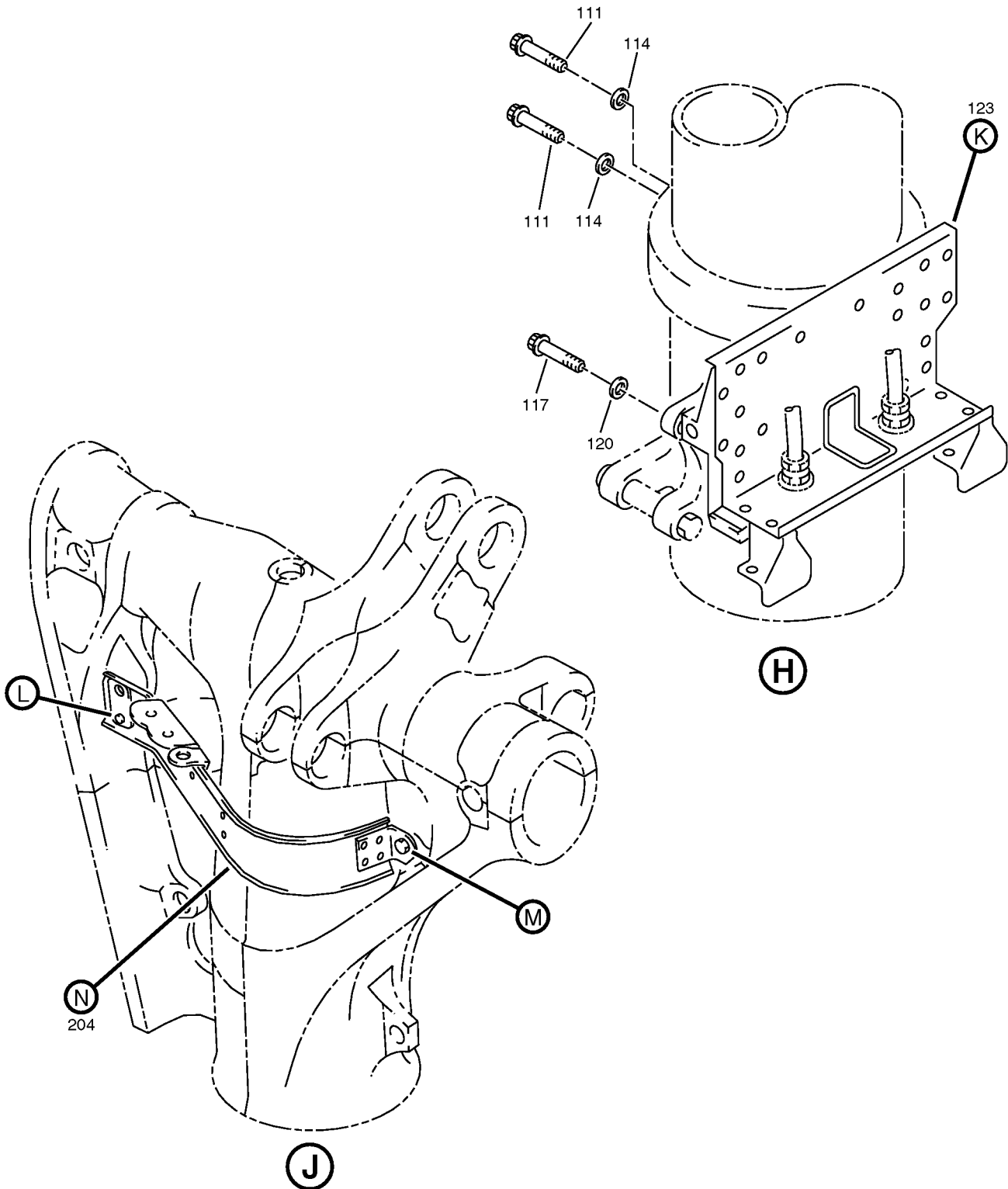
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IPL Figure 1 (Sheet 5 of 30)

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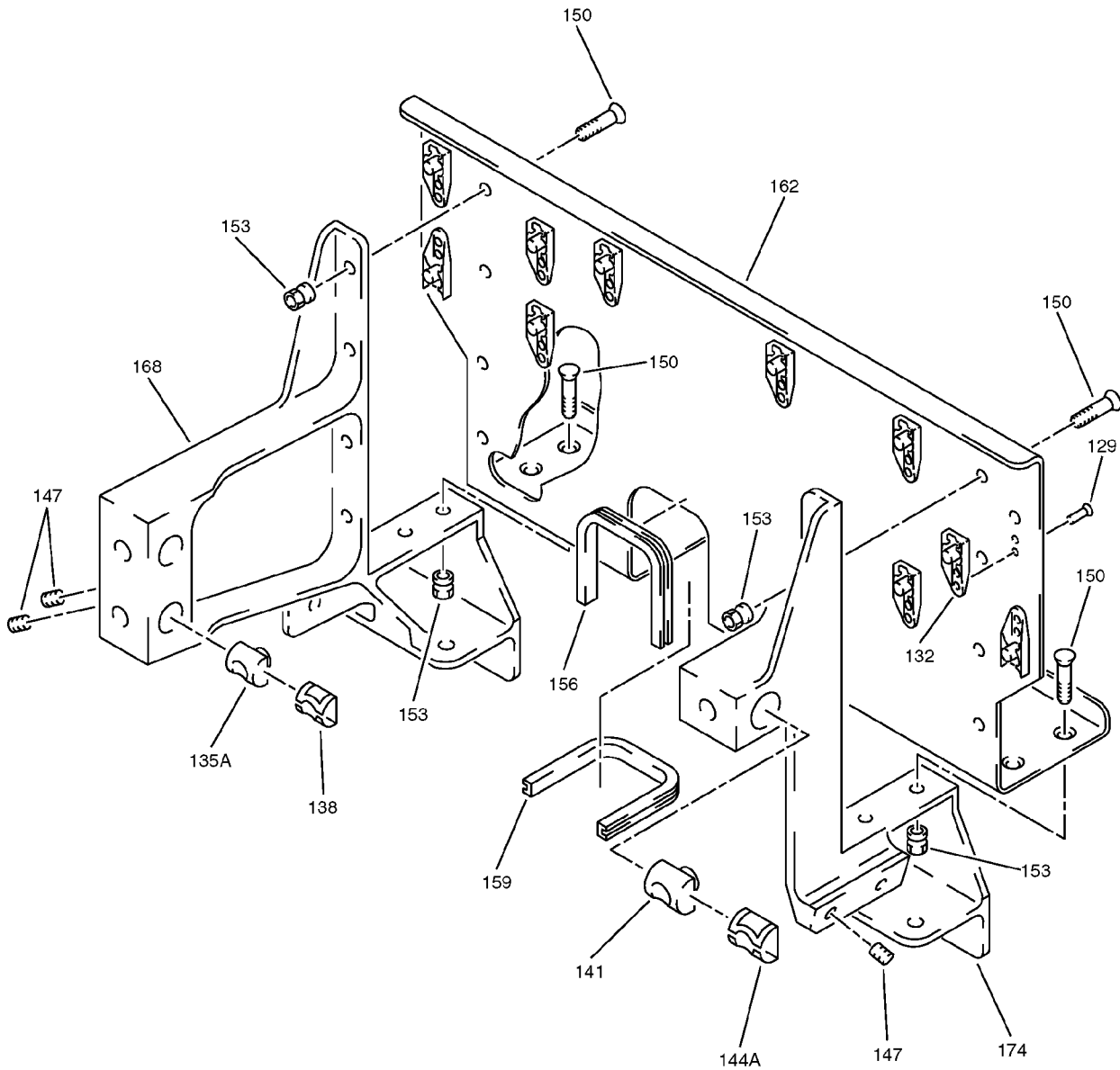
Main Gear Customer End Item
IPL Figure 1 (Sheet 6 of 30)

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Main Gear Customer End Item
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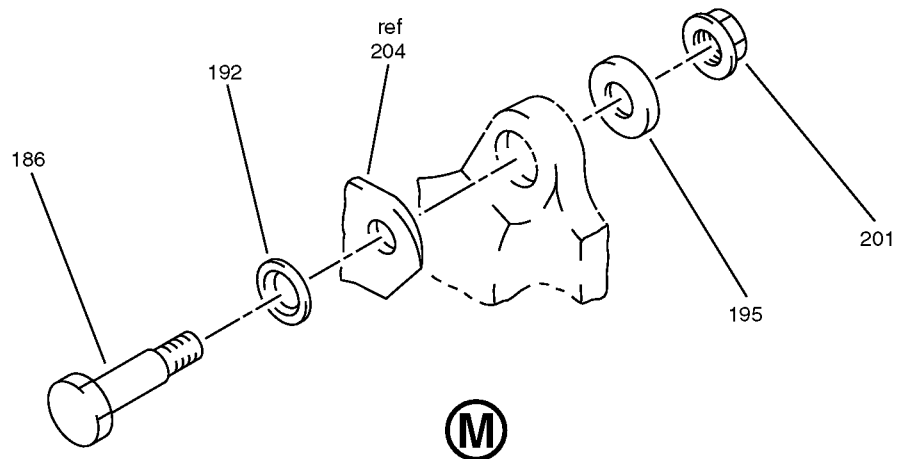
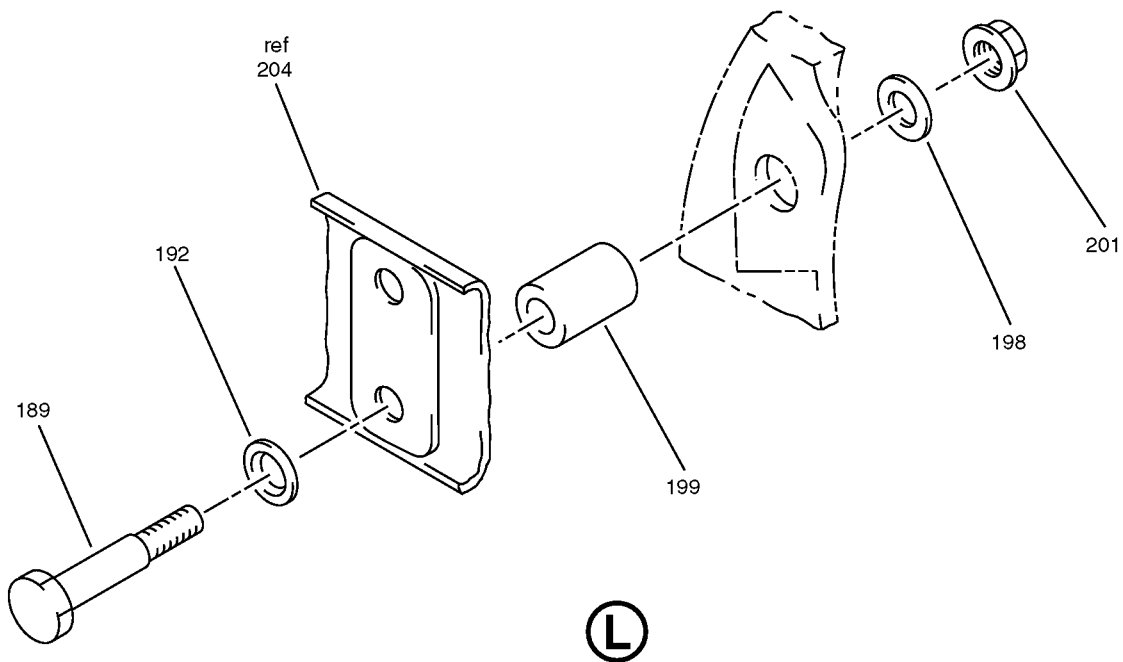
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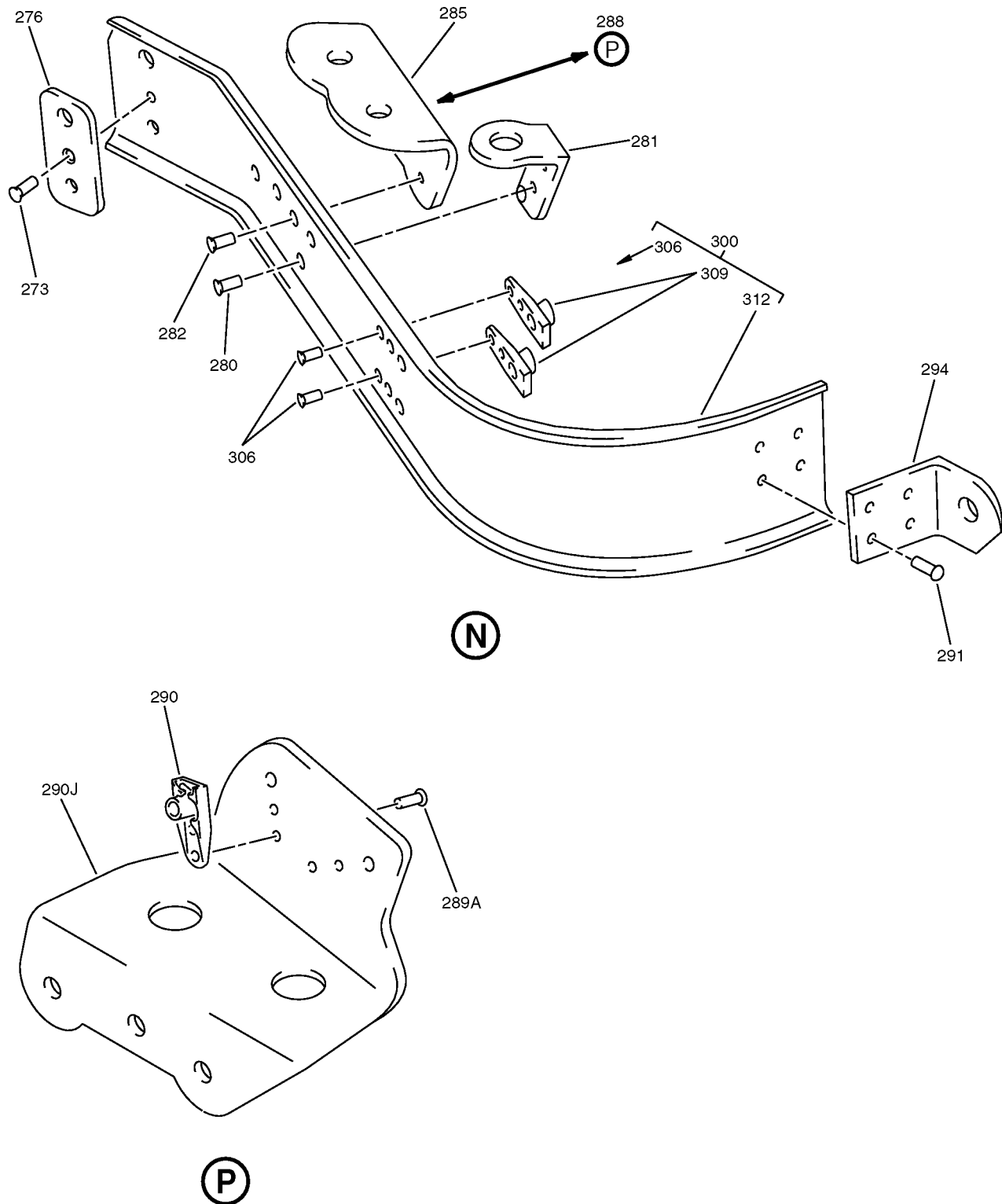


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IPL Figure 1 (Sheet 8 of 30)

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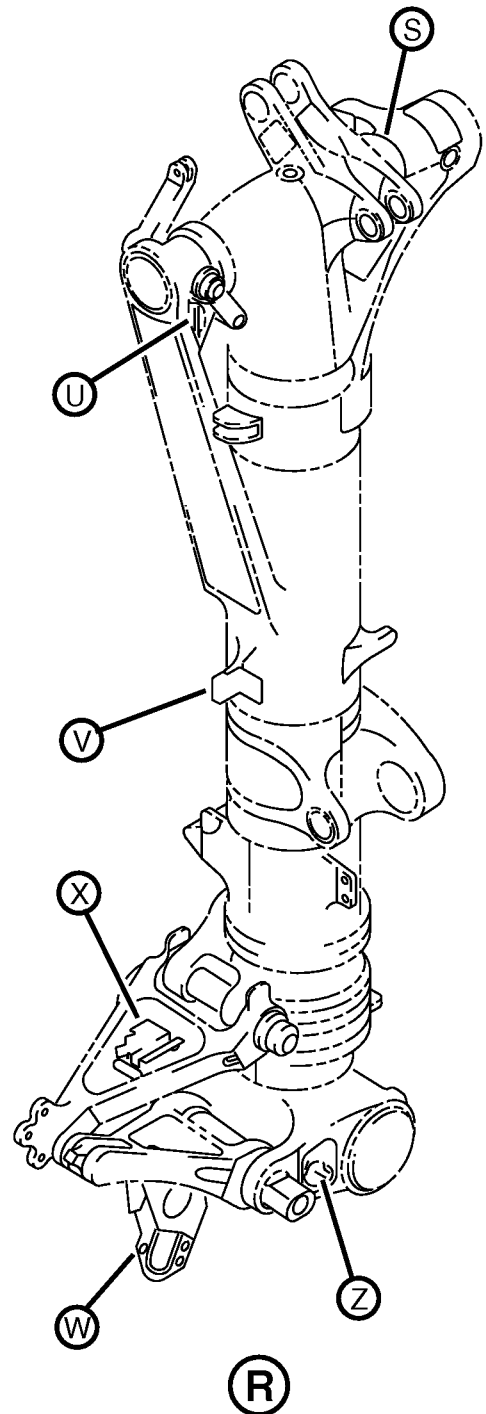
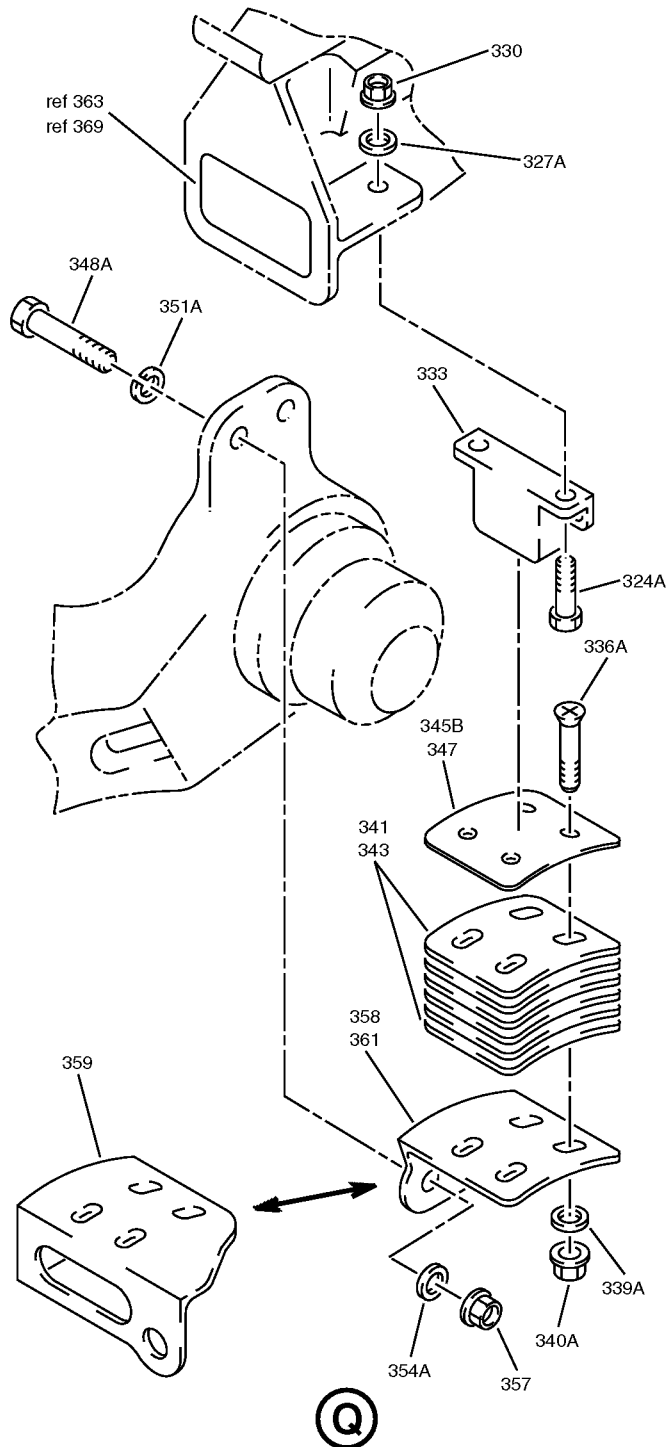
Main Gear Customer End Item
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Main Gear Customer End Item
IPL Figure 1 (Sheet 10 of 30)

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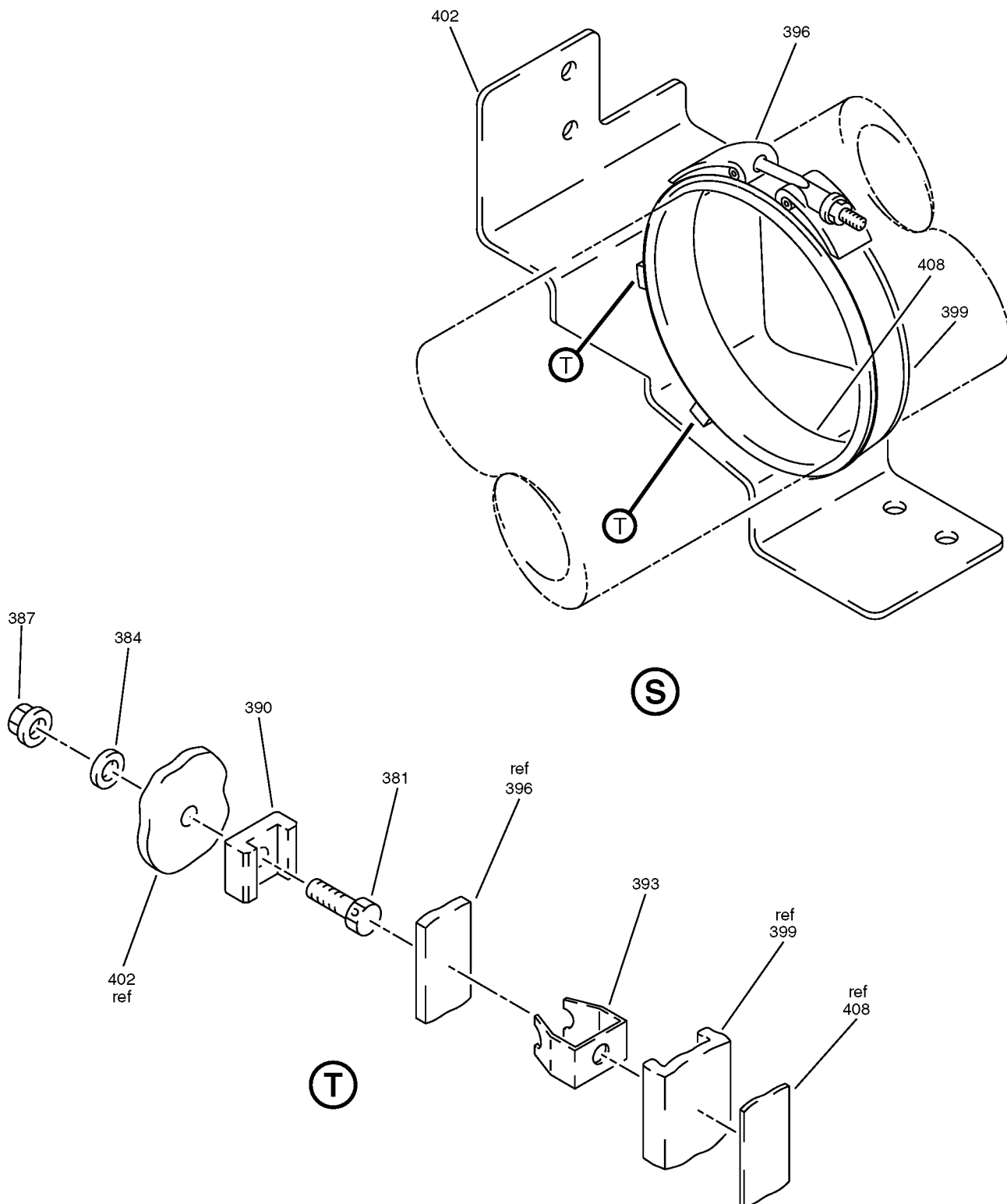
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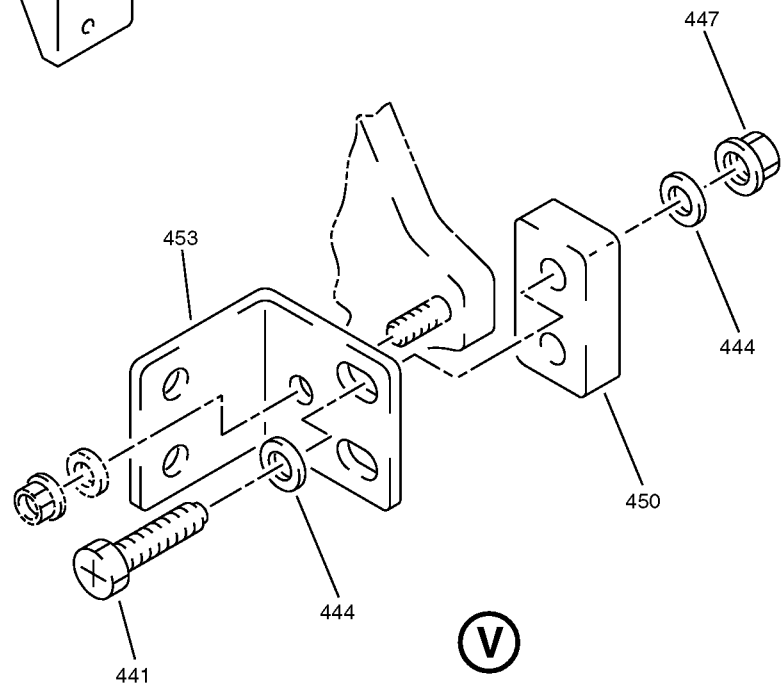
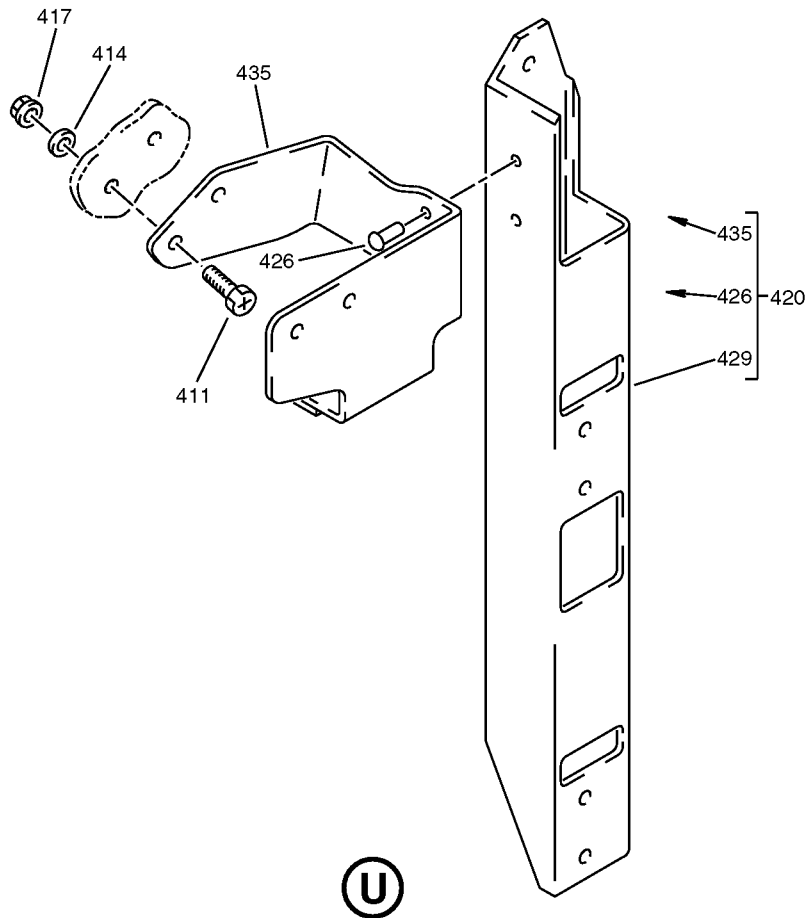
Main Gear Customer End Item
IPL Figure 1 (Sheet 11 of 30)

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COMPONENT MAINTENANCE MANUAL

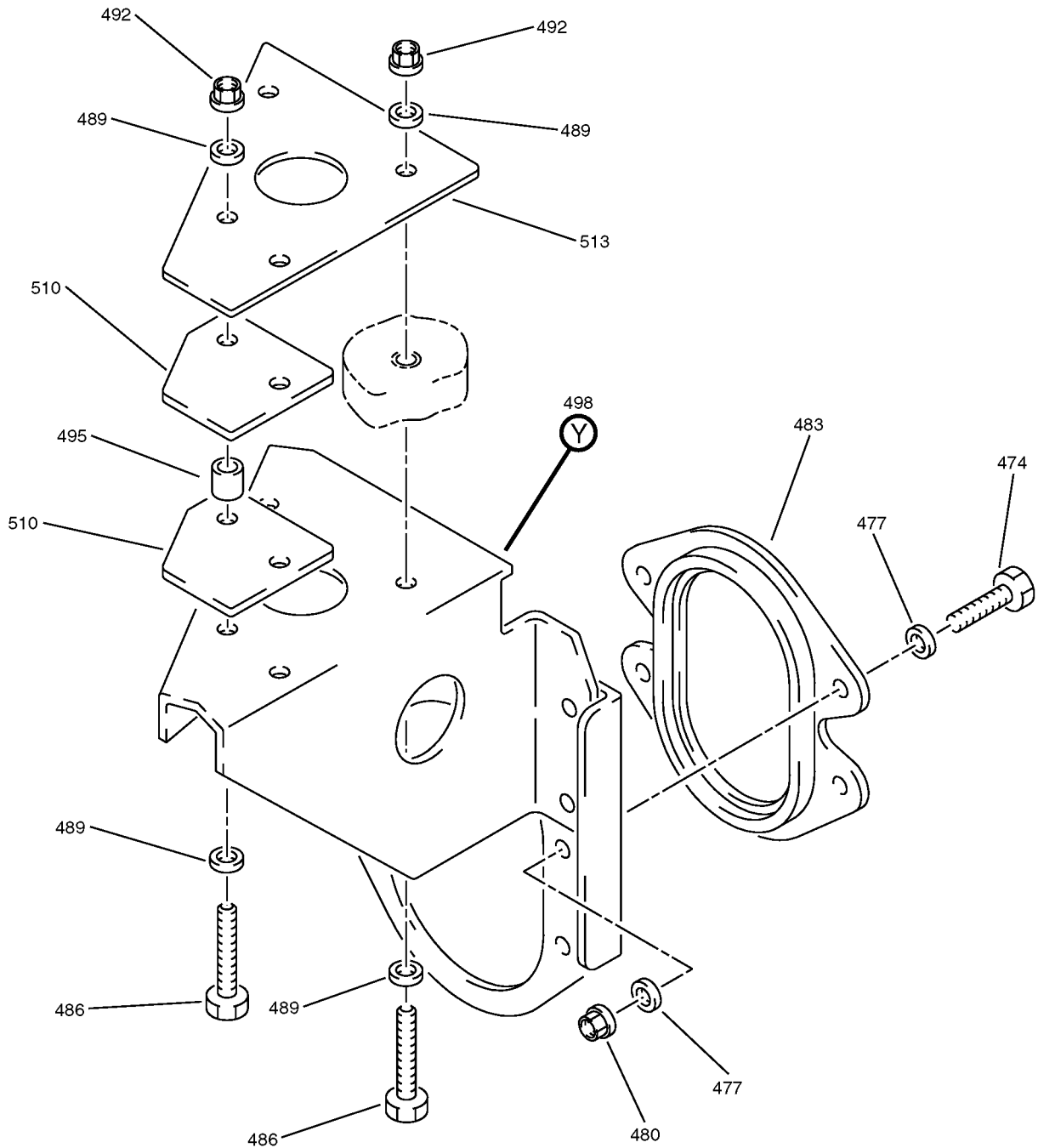
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IPL Figure 1 (Sheet 12 of 30)

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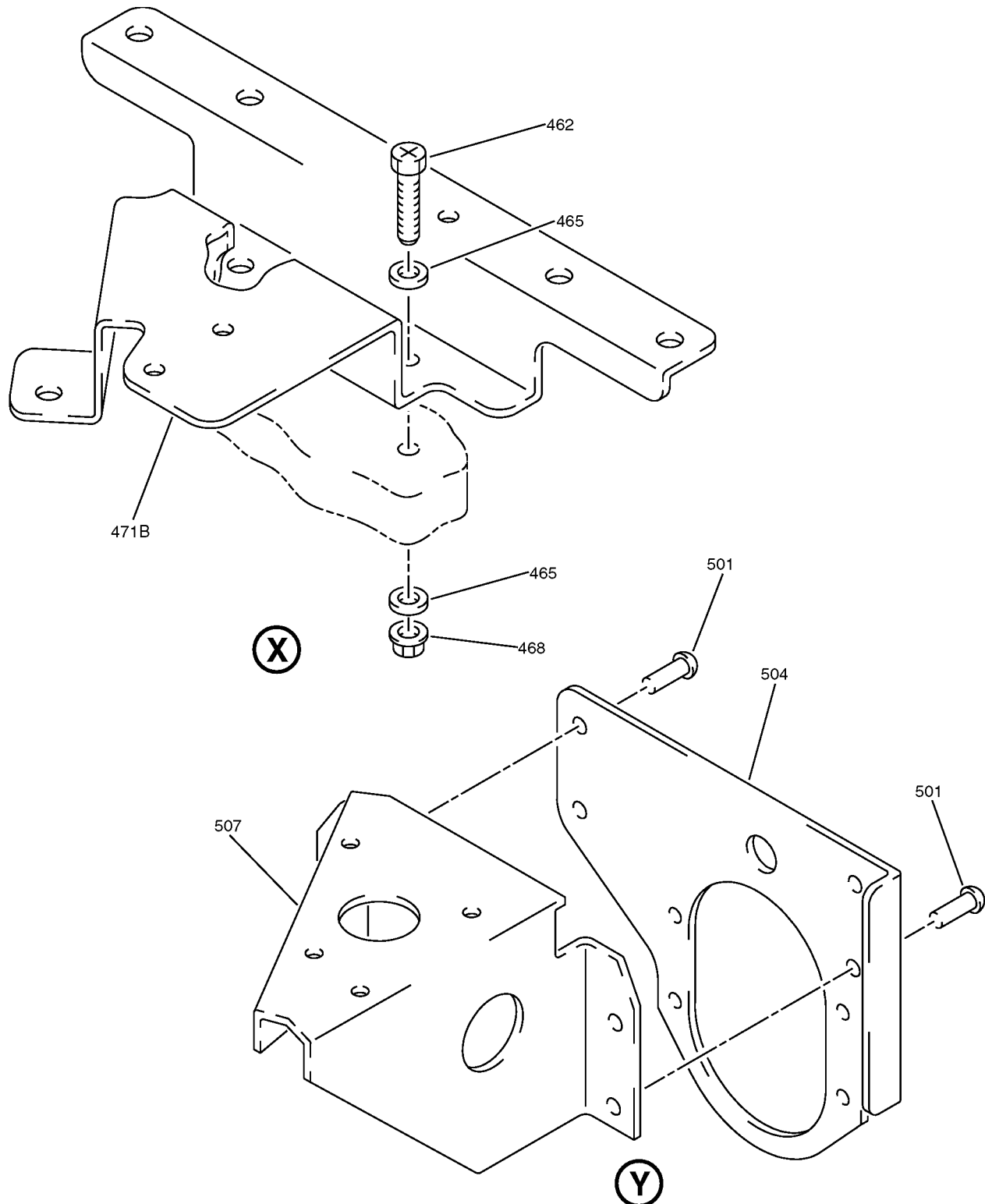
Main Gear Customer End Item
IPL Figure 1 (Sheet 13 of 30)

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COMPONENT MAINTENANCE MANUAL

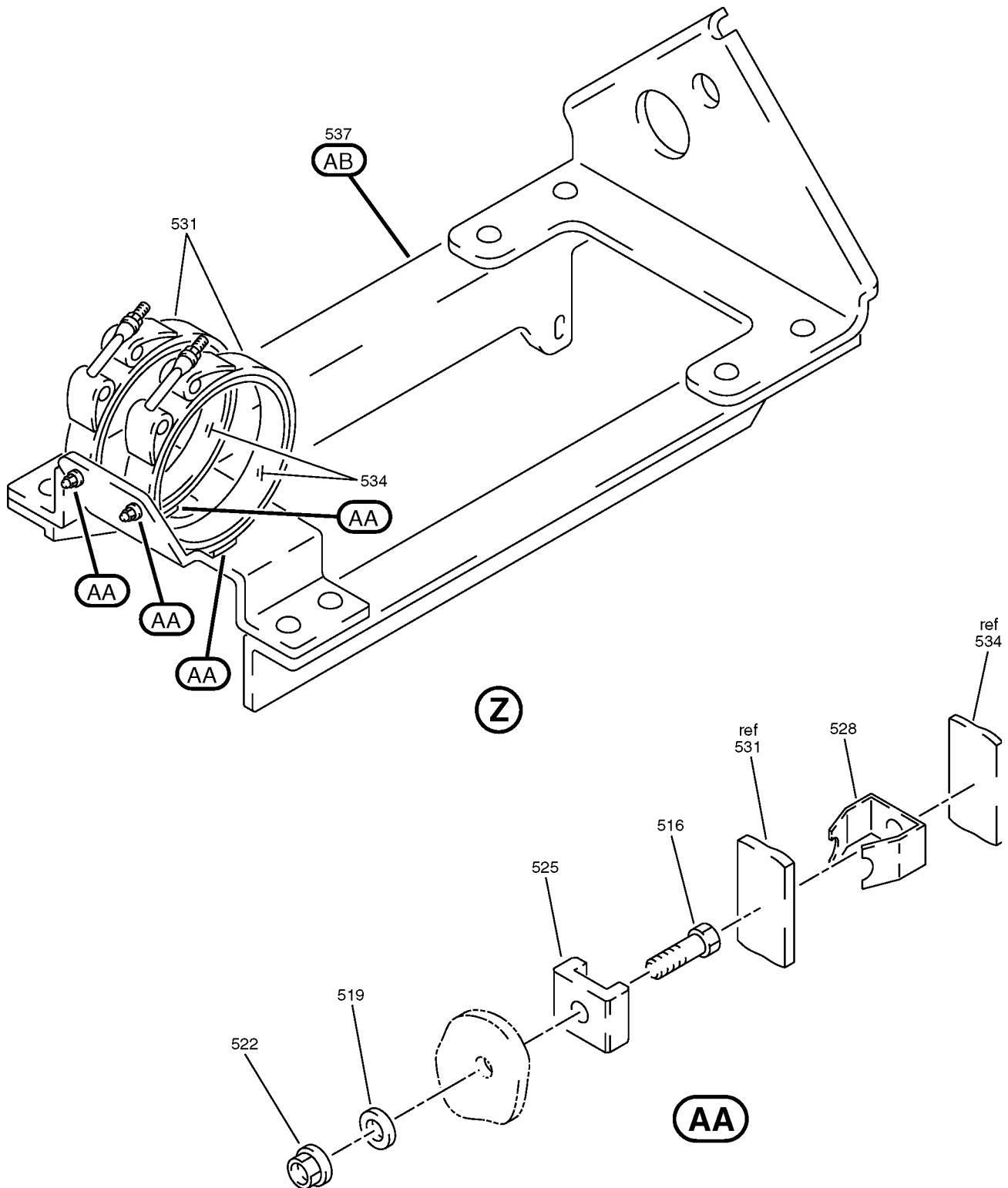
Main Gear Customer End Item
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Main Gear Customer End Item
IPL Figure 1 (Sheet 15 of 30)

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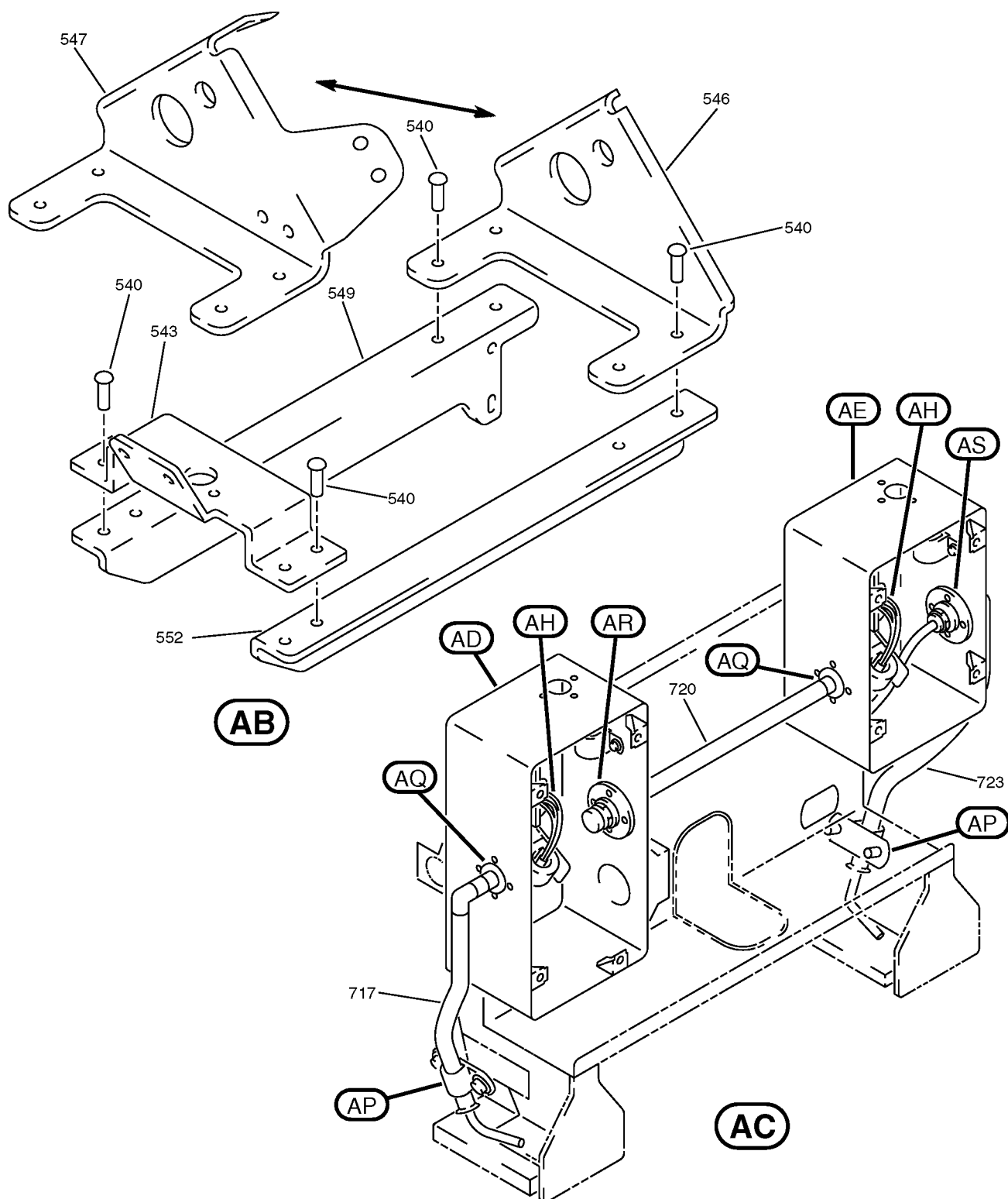
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Main Gear Customer End Item
IPL Figure 1 (Sheet 16 of 30)

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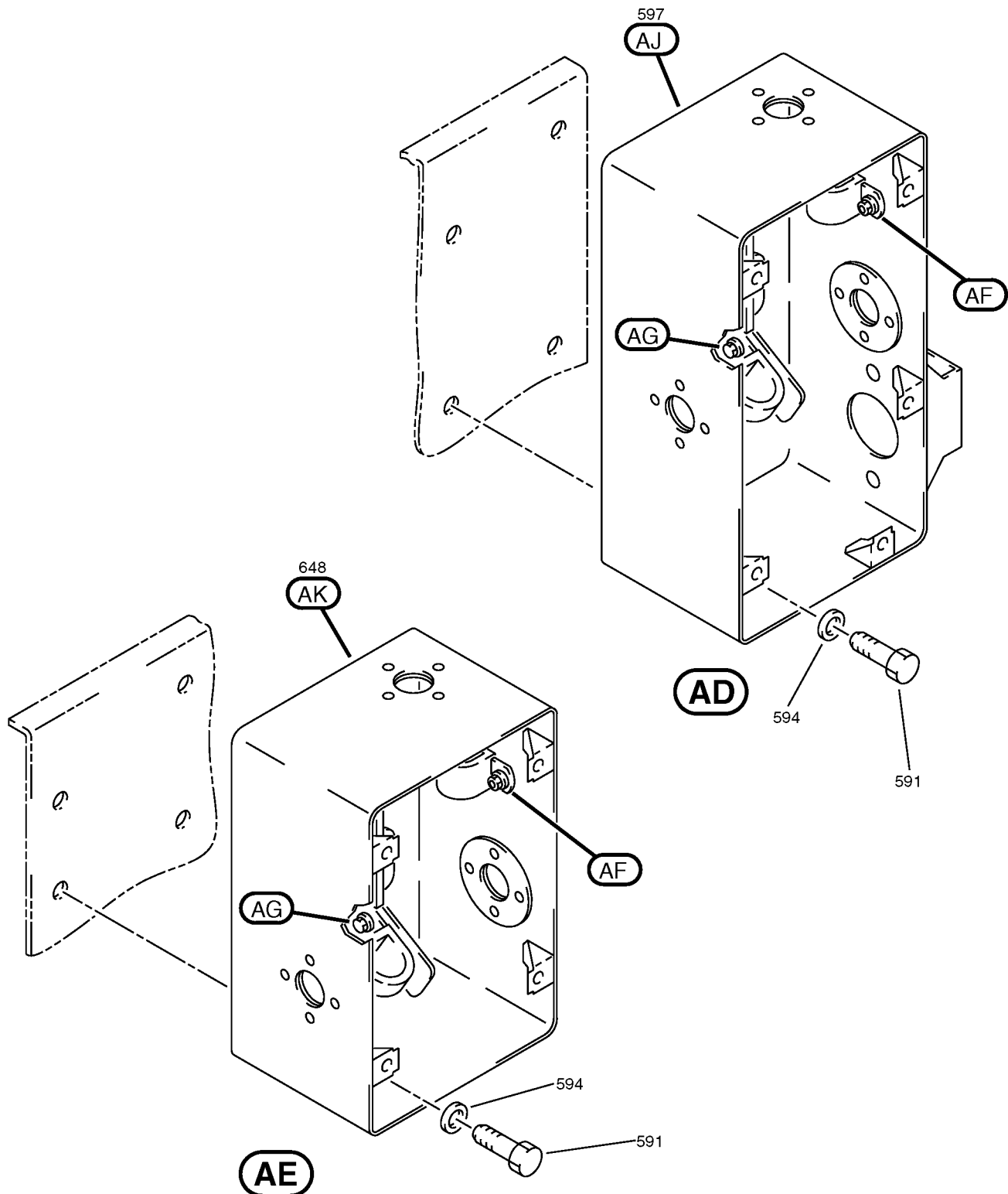
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Main Gear Customer End Item
IPL Figure 1 (Sheet 17 of 30)

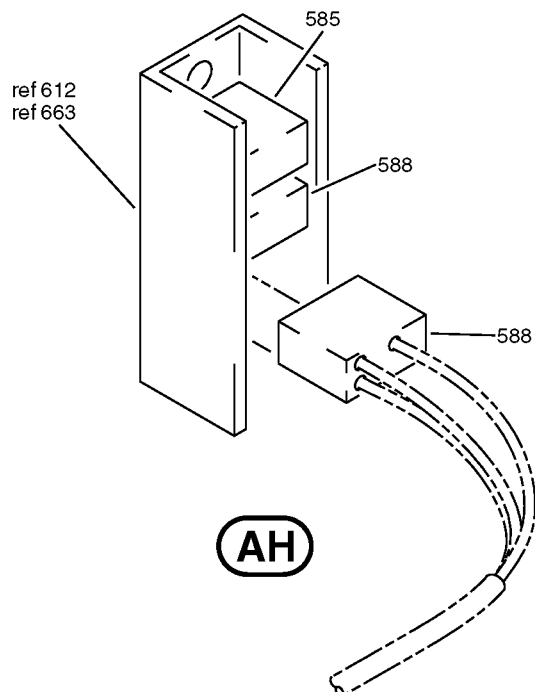
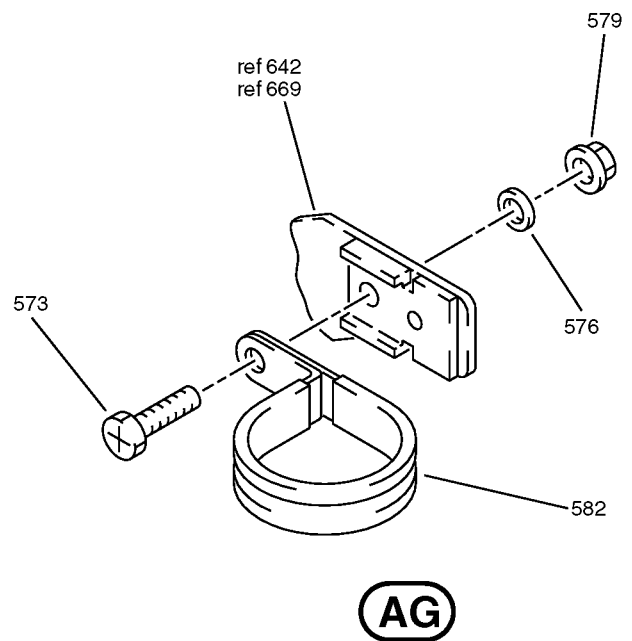
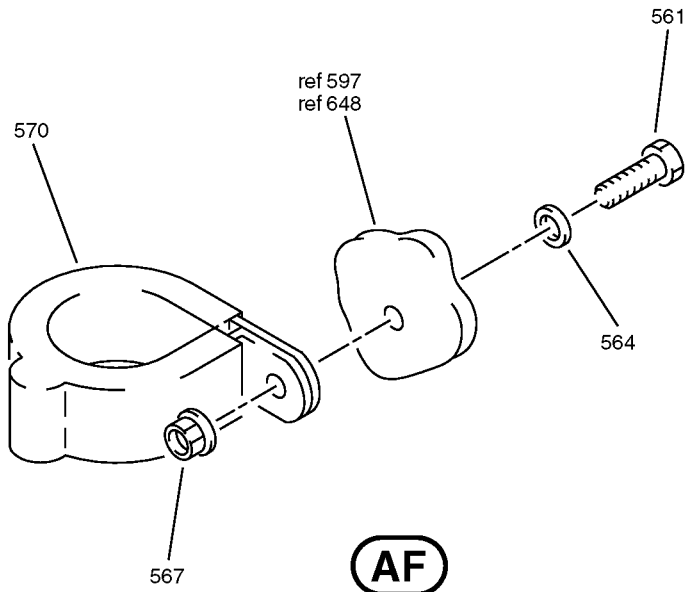
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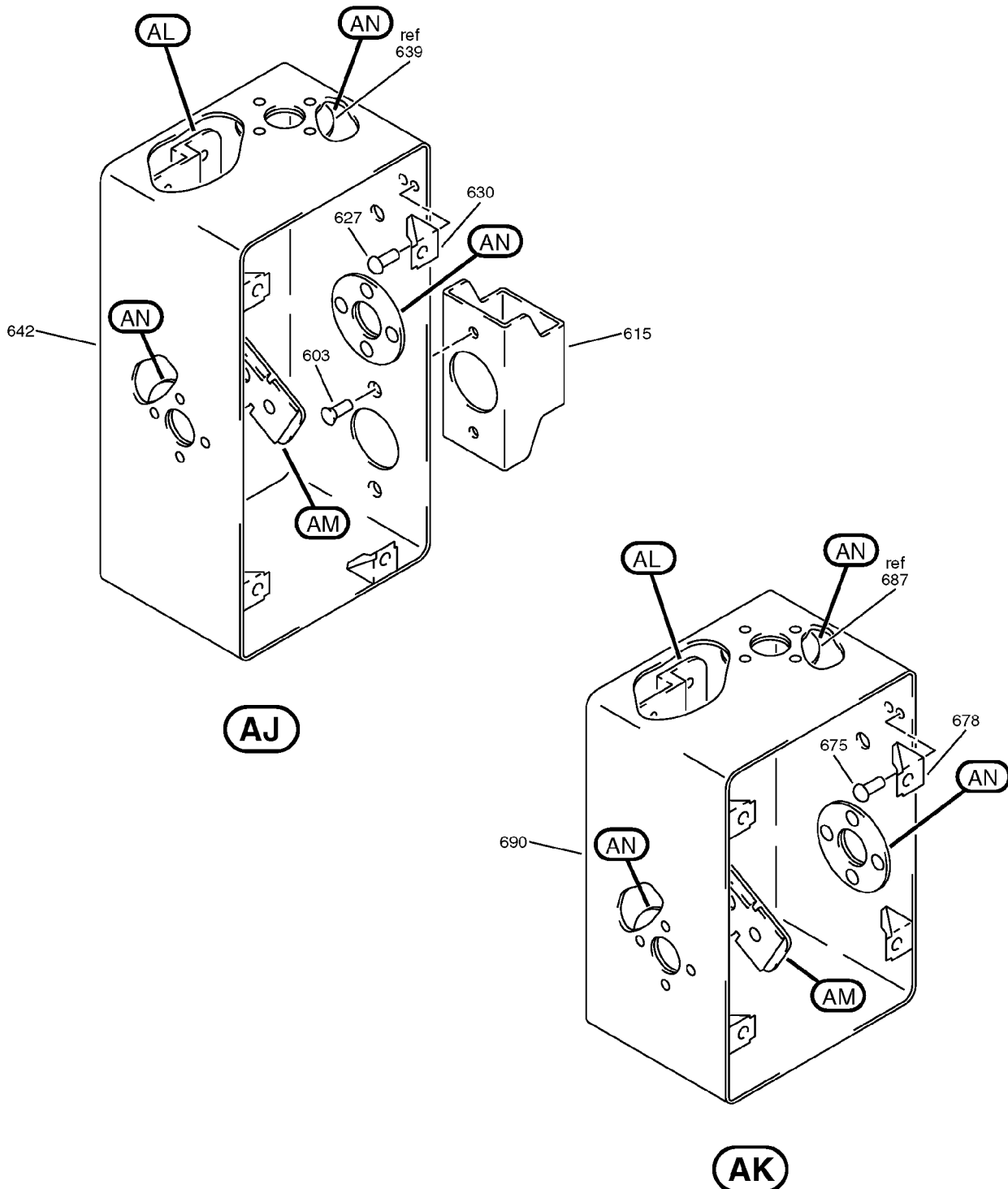
Main Gear Customer End Item
IPL Figure 1 (Sheet 18 of 30)

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Main Gear Customer End Item
IPL Figure 1 (Sheet 19 of 30)

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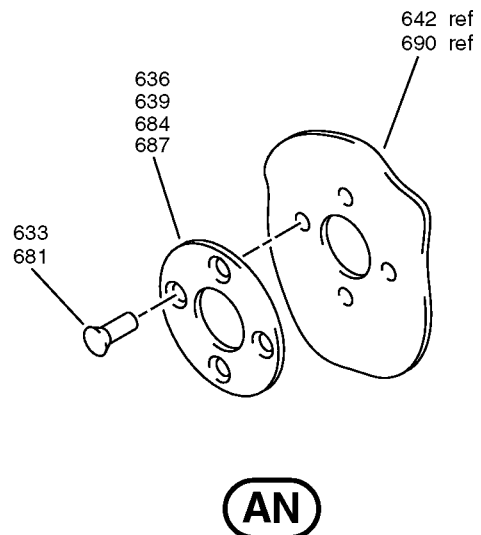
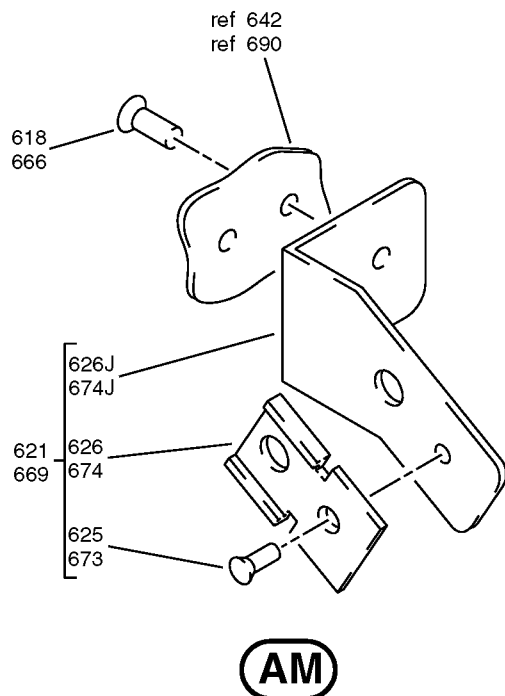
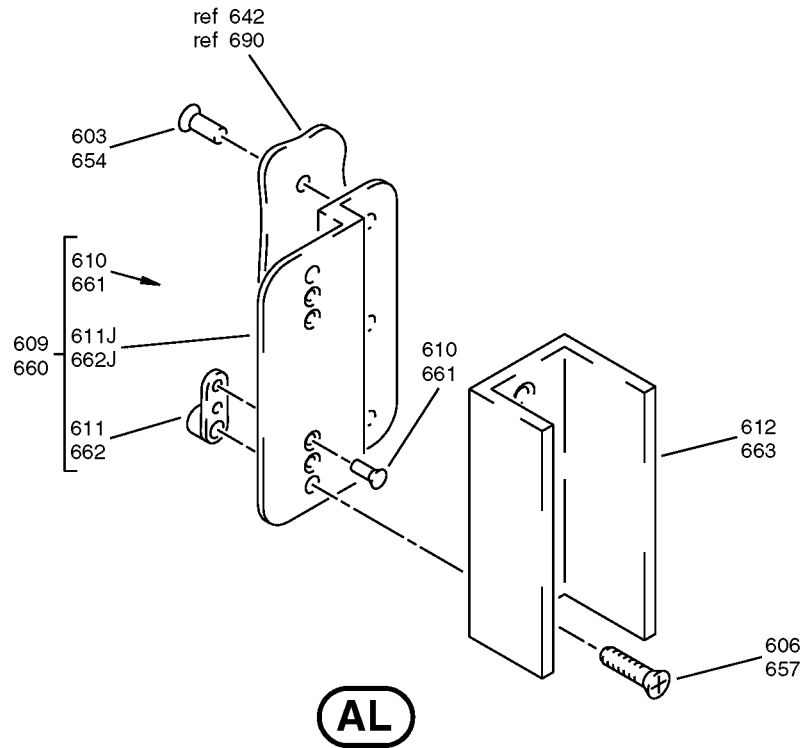
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Main Gear Customer End Item
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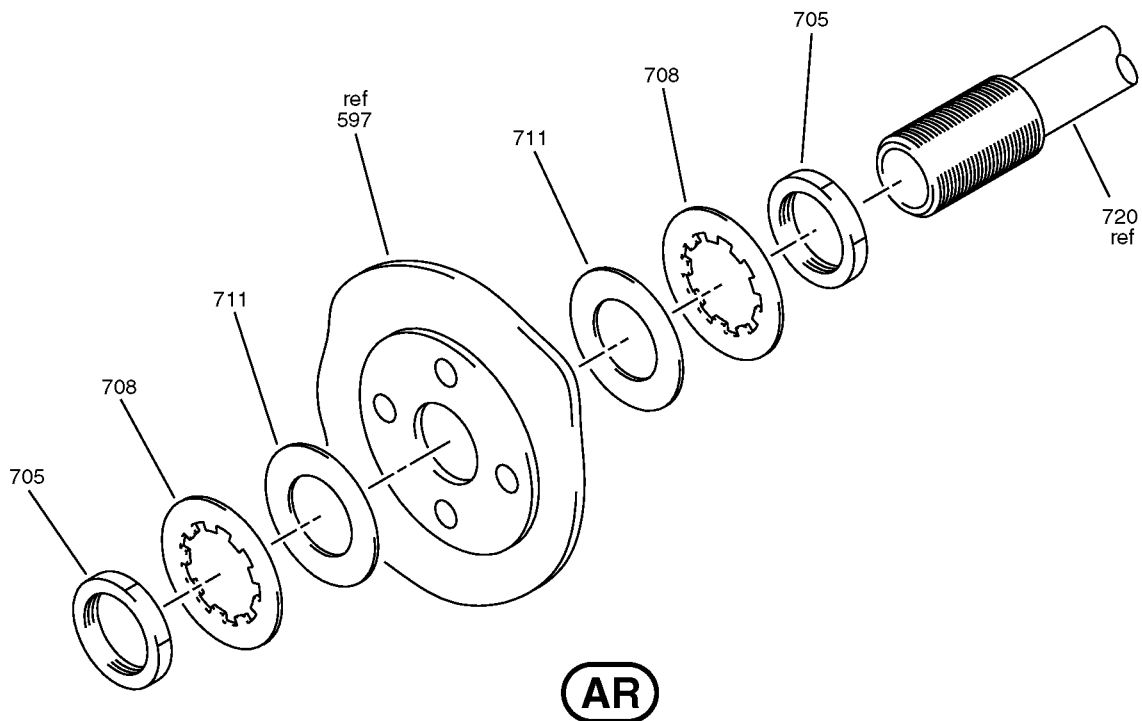
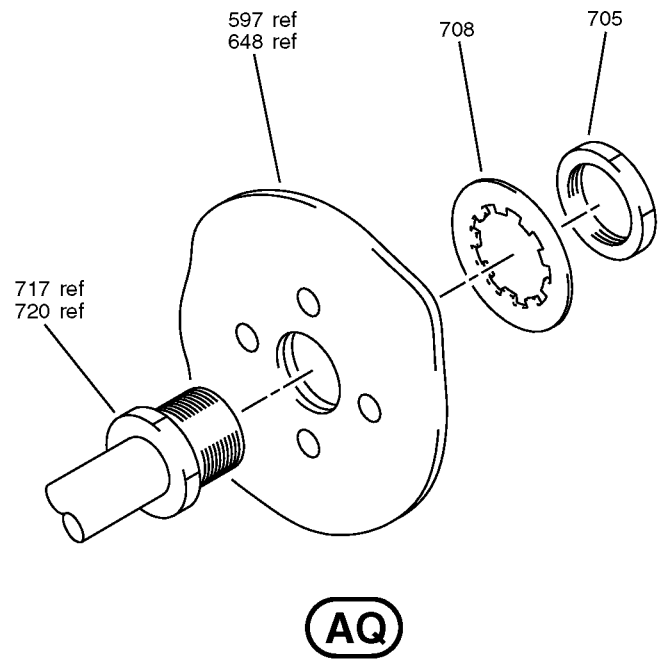
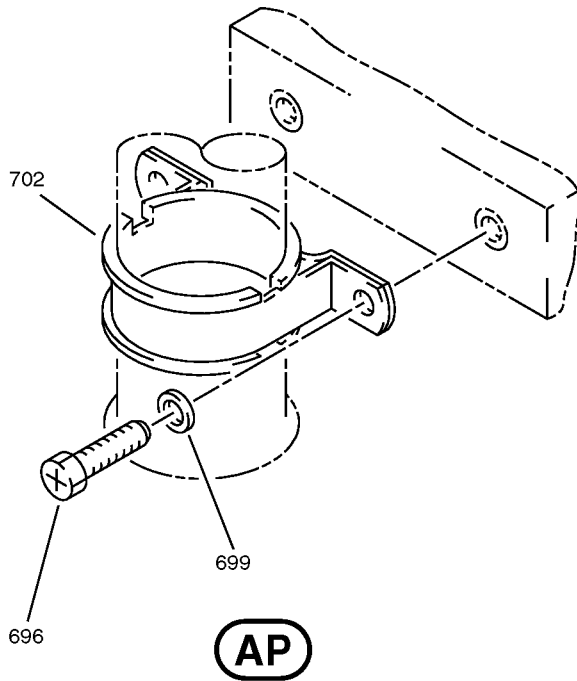
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Main Gear Customer End Item
IPL Figure 1 (Sheet 21 of 30)

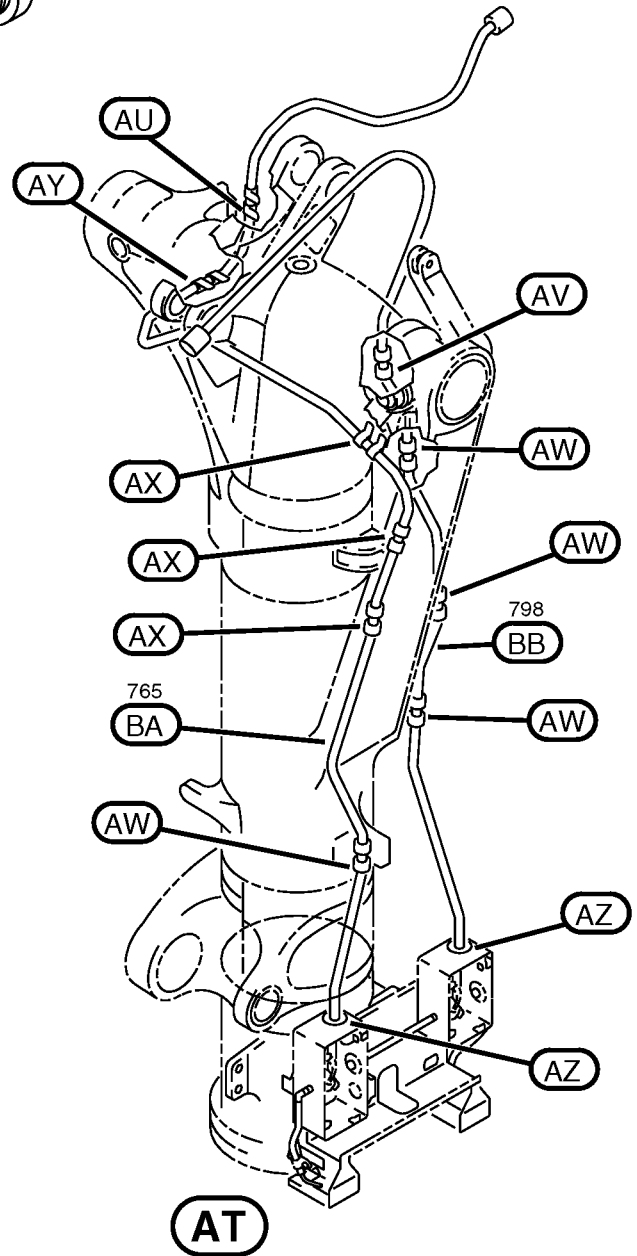
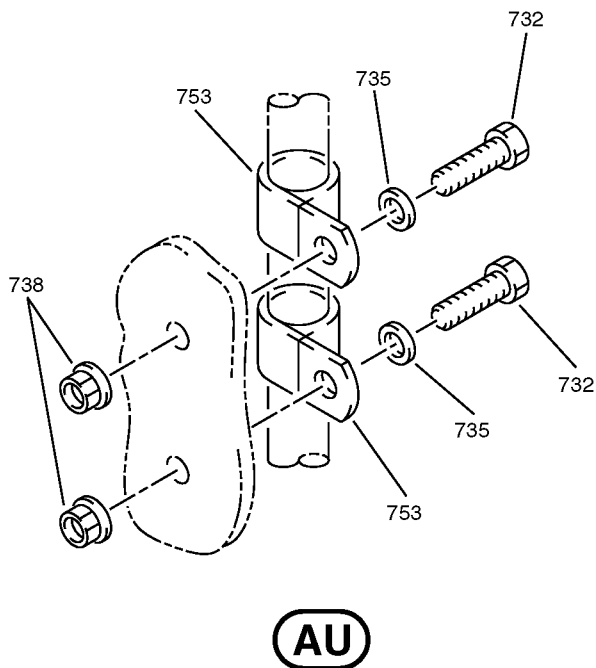
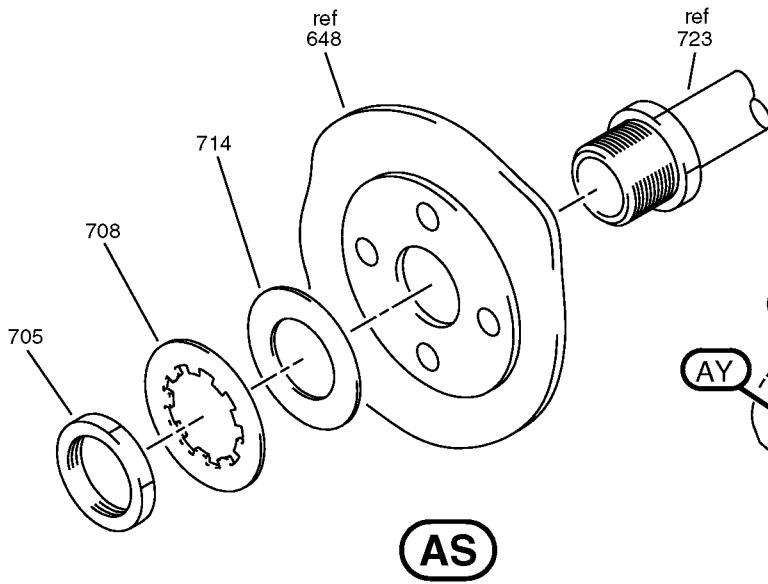
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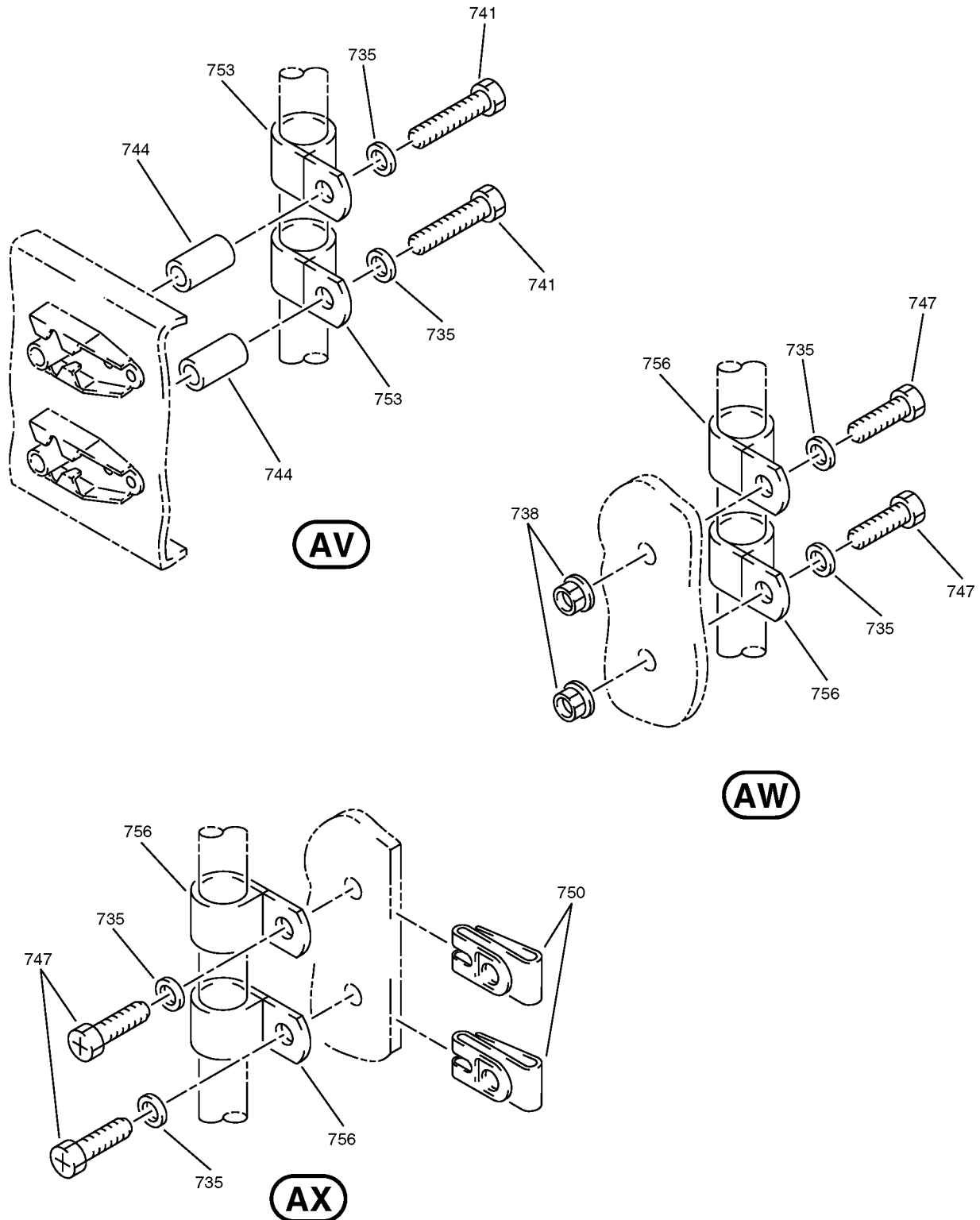
Main Gear Customer End Item
IPL Figure 1 (Sheet 22 of 30)

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Main Gear Customer End Item
IPL Figure 1 (Sheet 23 of 30)

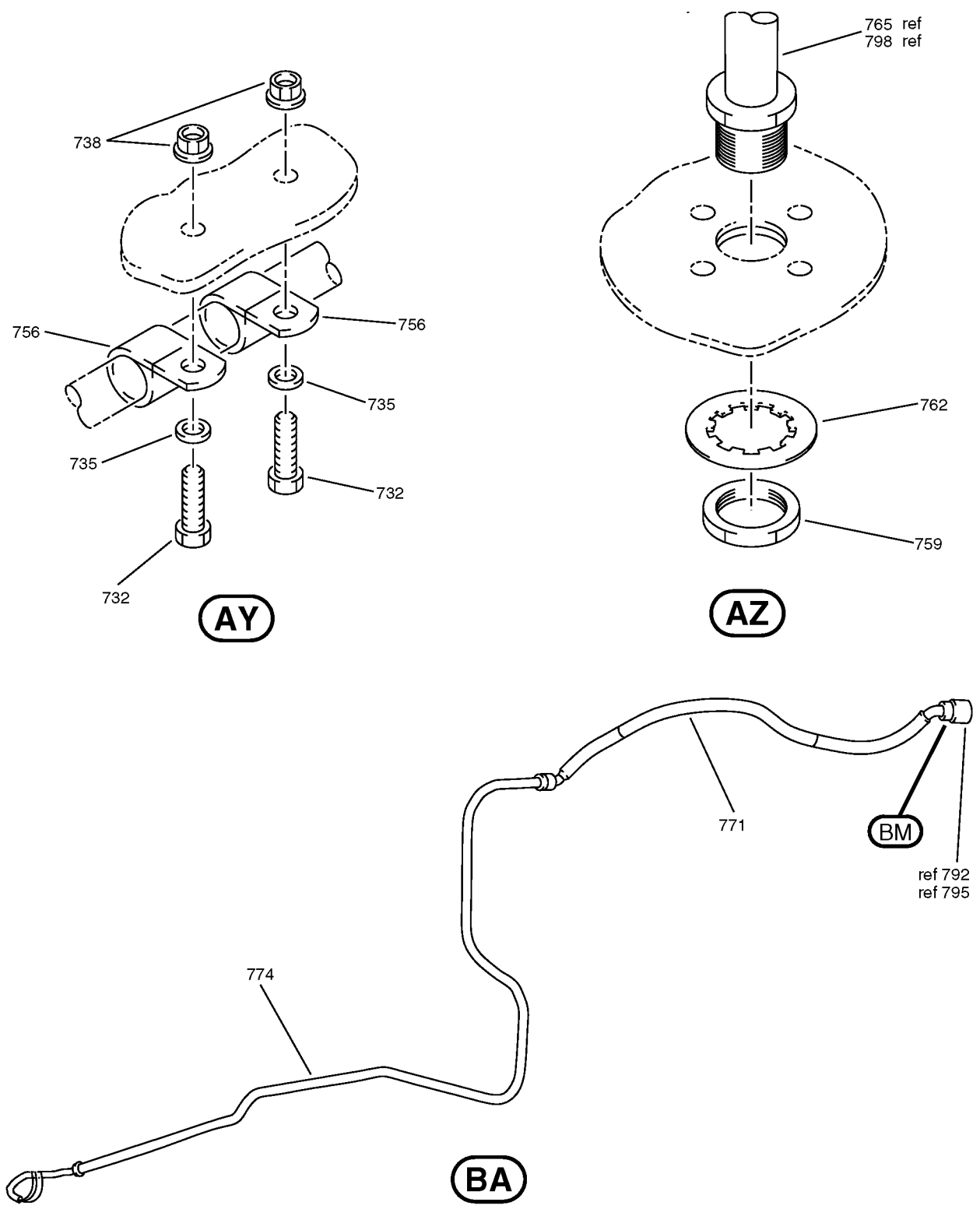
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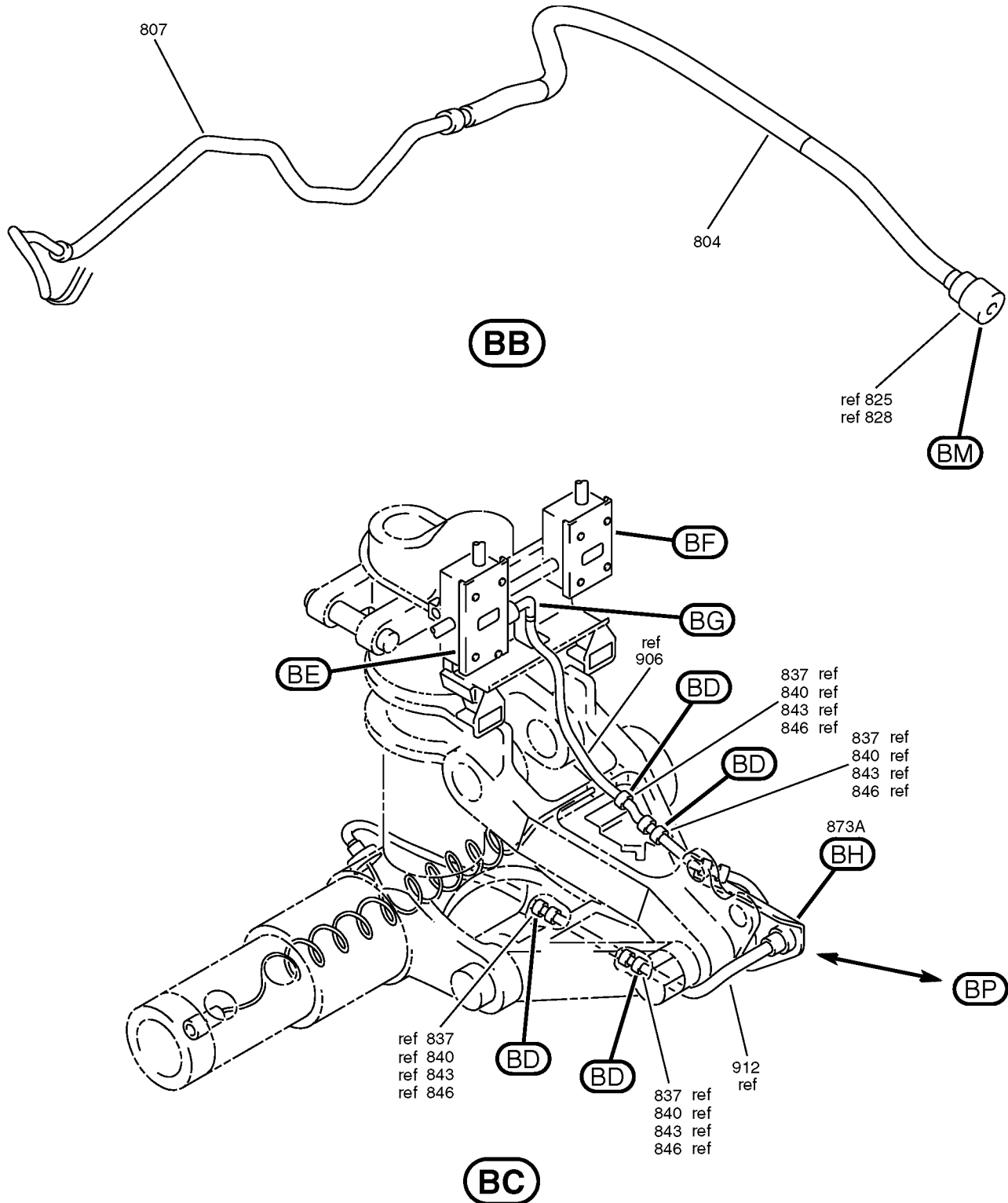
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Main Gear Customer End Item
IPL Figure 1 (Sheet 24 of 30)

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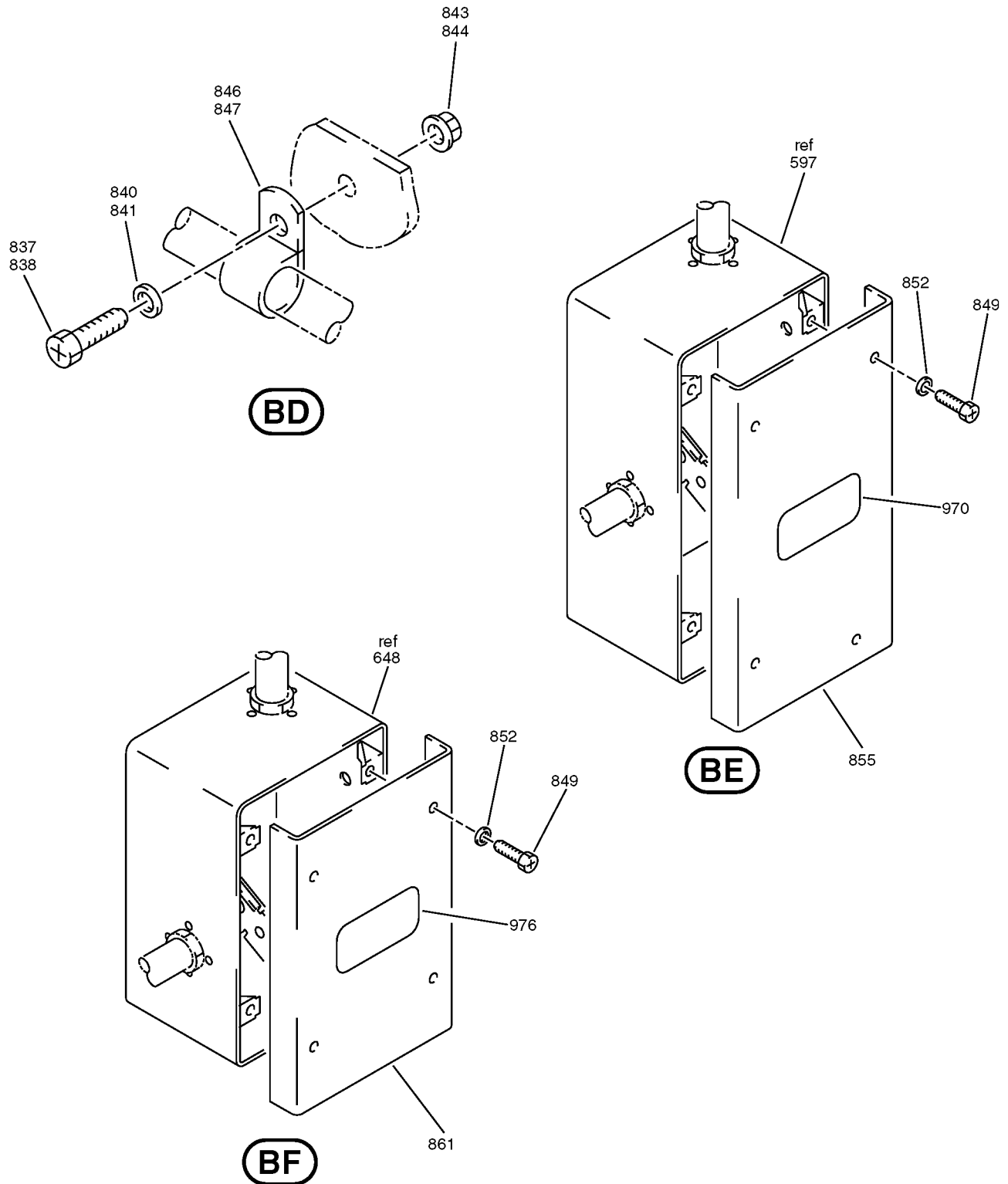
Main Gear Customer End Item
IPL Figure 1 (Sheet 25 of 30)

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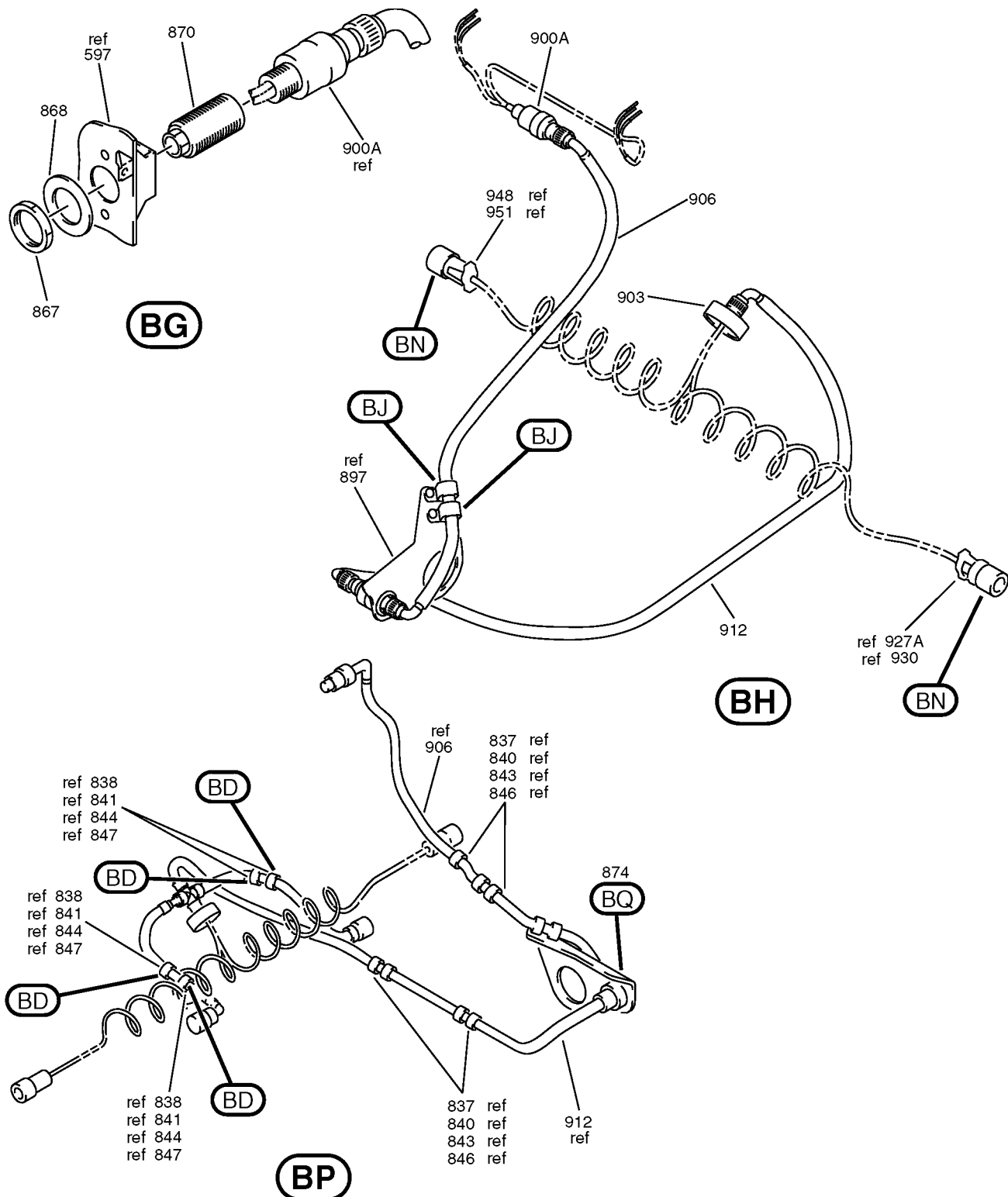
Main Gear Customer End Item
IPL Figure 1 (Sheet 26 of 30)

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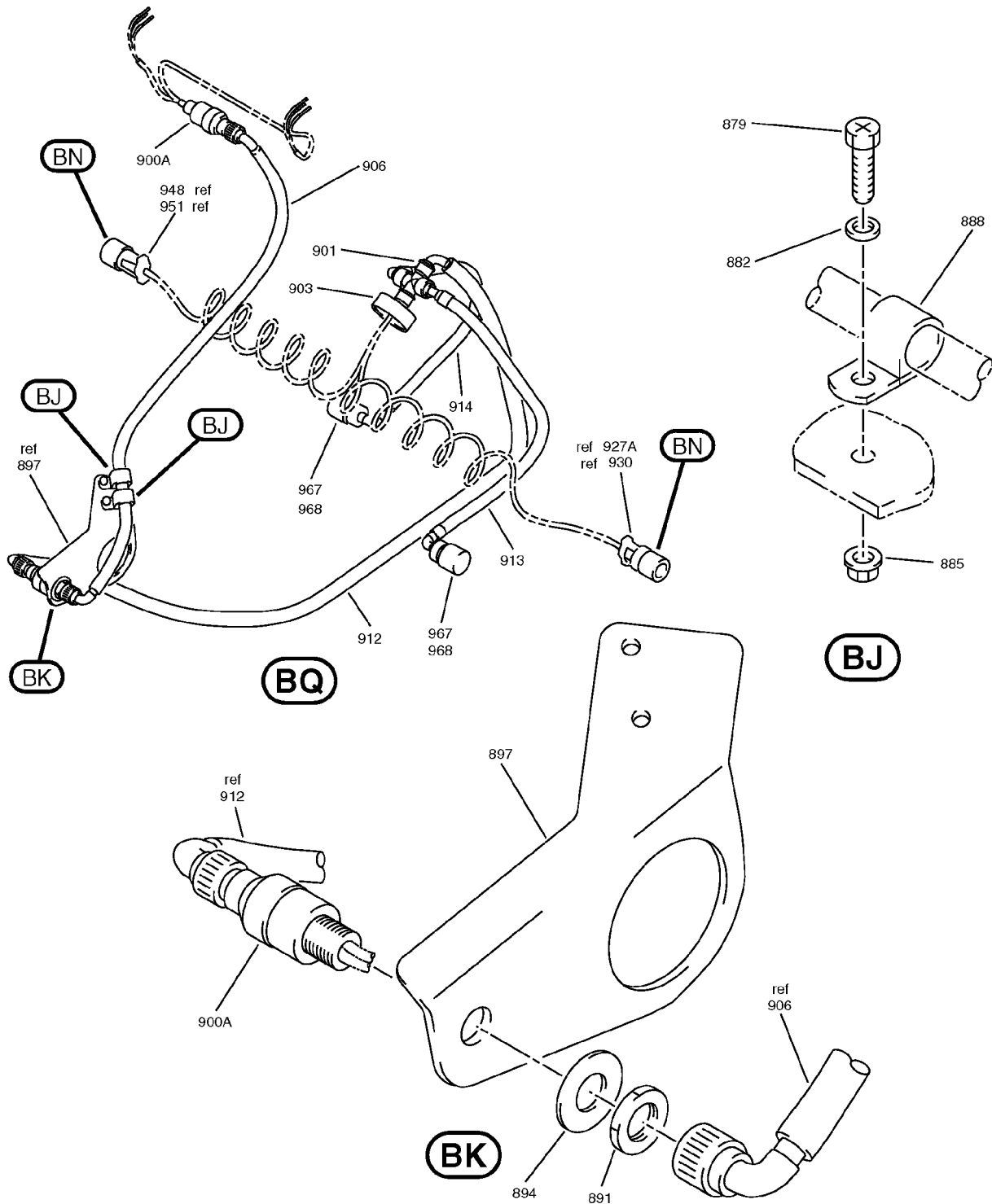
Main Gear Customer End Item
IPL Figure 1 (Sheet 27 of 30)

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Main Gear Customer End Item
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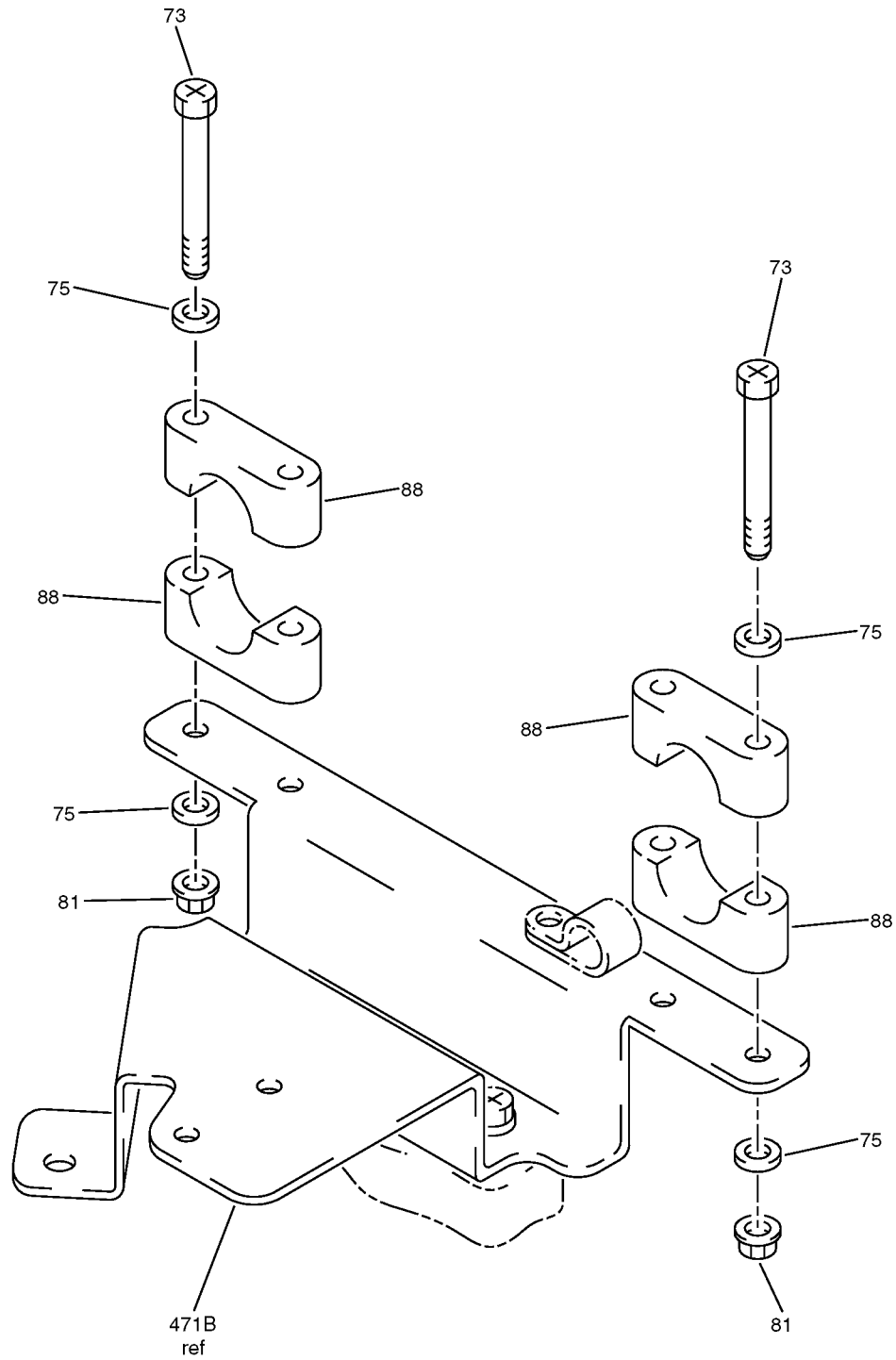
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BL

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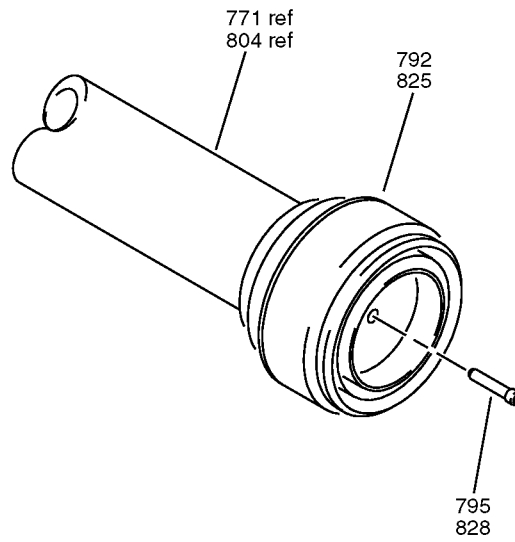
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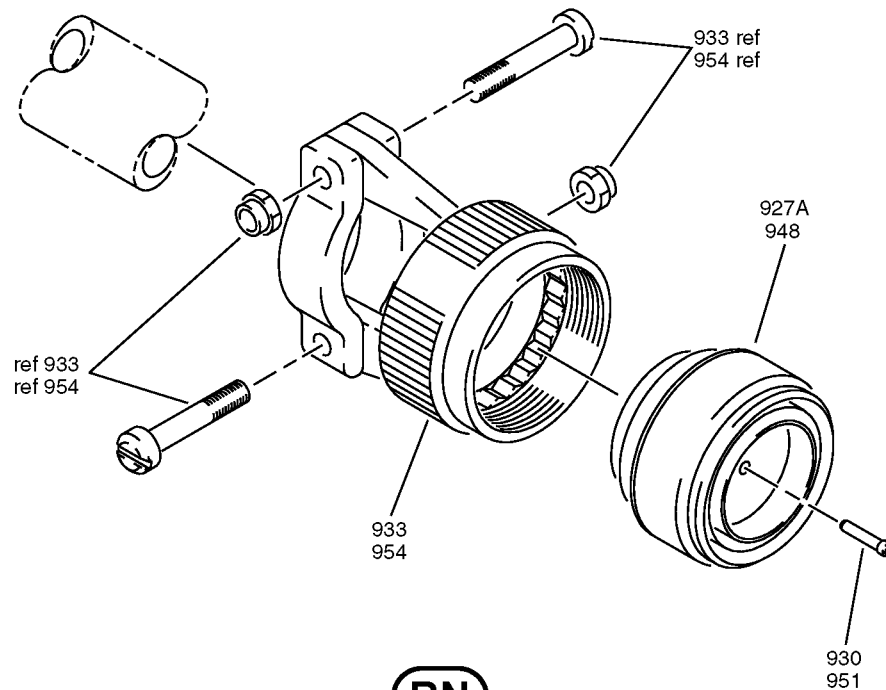
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BM



BN

Main Gear Customer End Item
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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1-			MLG CUSTOMER END ITEMS:		
-1A	001A6103-1		END ITEM-MLG, L GEAR, -700	A	RF
-1B	001A6103-3		END ITEM-MLG, L GEAR, -800	C	RF
-1C	001A6103-5		END ITEM-MLG, L GEAR, -600	E	RF
-1D	001A6103-7		END ITEM-MLG, L GEAR WITH BTMS, -700	G	RF
-1E	001A6103-9		END ITEM-MLG, L GEAR WITH BTMS, -700 IGW, -800	H	RF
-1F	001A6103-11		END ITEM-MLG, L GEAR WITH BTMS, -600	J	RF
-1G	001A6103-13		END ITEM-MLG, L GEAR WITHOUT BTMS, -700	K	RF
-1H	001A6103-15		END ITEM-MLG, L GEAR WITHOUT BTMS, -700IGW, -800	L	RF
-1J	001A6103-17		END ITEM-MLG, L GEAR WITHOUT BTMS, -600	M	RF
-1K	001A6103-19		END ITEM-MLG, L GEAR WITH BTMS, -701, -702, -800, -801	N	RF
-1L	001A6103-21		END ITEM-MLG, L GEAR WITHOUT BTMS, -701, -702, -800, -801	P	RF
-1M	001A6103-23		END ITEM-MLG, L GEAR WITH BTMS, -600	Q	RF
-1N	001A6103-25		END ITEM-MLG, L GEAR WITH BTMS, -700	R	RF
-1P	001A6103-27		END ITEM-MLG, L GEAR WITH BTMS, -701, -702, -800, -801	S	RF
-1Q	001A6103-29		END ITEM-MLG, L GEAR WITHOUT BTMS, -600	T	RF
-1R	001A6103-31		END ITEM-MLG, L GEAR WITHOUT BTMS, -700	U	RF
-1S	001A6103-33		END ITEM-MLG, L GEAR WITHOUT BTMS, -701, -702, -800, -801	V	RF
-3	001A6103-2		END ITEM-MLG, R GEAR, -700	B	RF
-3A	001A6103-4		END ITEM-MLG, R GEAR, -800	D	RF
-3B	001A6103-6		END ITEM-MLG, R GEAR, -600	F	RF

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1-					
-3C	001A6103-8		END ITEM-MLG, R GEAR WITH BTMS, -700	W	RF
-3D	001A6103-10		END ITEM-MLG, R GEAR WITH BTMS, -700 IGW, -800	X	RF
-3E	001A6103-12		END ITEM-MLG, R GEAR WITH BTMS, -600	Y	RF
-3F	001A6103-14		END ITEM-MLG, R GEAR WITHOUT BTMS, -700	Z	RF
-3G	001A6103-16		END ITEM-MLG, R GEAR WITHOUT BTMS, -700IGW, -800	AA	RF
-3H	001A6103-18		END ITEM-MLG, R GEAR WITHOUT BTMS, -600	AB	RF
-3J	001A6103-20		END ITEM-MLG, R GEAR WITH BTMS, -701, -702, -800, -801	AC	RF
-3K	001A6103-22		END ITEM-MLG, R GEAR WITHOUT BTMS, -701, -702, -800, -801	AD	RF
-3L	001A6103-24		END ITEM-MLG, R GEAR WITH BTMS, -600	AE	RF
-3M	001A6103-26		END ITEM-MLG, R GEAR WITH BTMS, -700	AF	RF
-3N	001A6103-28		END ITEM-MLG, R GEAR WITH BTMS, -701, -702, -800, -801	AG	RF
-3P	001A6103-30		END ITEM-MLG, R GEAR WITHOUT BTMS, -600	AH	RF
-3Q	001A6103-32		END ITEM-MLG, R GEAR WITHOUT BTMS, -700	AJ	RF
-3R	001A6103-34		END ITEM-MLG, R GEAR WITHOUT BTMS, -701, -702, -800, -801	AK	RF
-6	161A1100-13		DELETED		
-6A	161A1100-5		DELETED		
-6B	161A1100-9		DELETED		
-6C	161A1100-19		DELETED		
-6D	161A1100-23		DELETED		
-6E	161A1100-15		DELETED		
-6F	161A1100-31		. COMPONENT INSTL (REFER TO CMM 32-11-12)	A, G, K, R, U	1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1-					
-6G	161A1100-35		. COMPONENT INSTL (REFER TO CMM 32-11-12)	C, H, L	1
-6H	161A1100-27		. COMPONENT INSTL (REFER TO CMM 32-11-12)	E, J, M, Q, T	1
-6J	161A1100-39		. COMPONENT INSTL (REFER TO CMM 32-11-12)	N, P, S, V	1
-9	161A1100-14		DELETED		
-9A	161A1100-6		DELETED		
-9B	161A1100-10		DELETED		
-9C	161A1100-20		DELETED		
-9D	161A1100-24		DELETED		
-9E	161A1100-16		DELETED		
-9F	161A1100-32		. COMPONENT INSTL (REFER TO CMM 32-11-12)	B, W, Z, AF, AJ	1
-9G	161A1100-36		. COMPONENT INSTL (REFER TO CMM 32-11-12)	D, X, AA	1
-9H	161A1100-28		. COMPONENT INSTL (REFER TO CMM 32-11-12)	F, Y, AB, AE, AH	1
-9J	161A1100-40		. COMPONENT INSTL (REFER TO CMM 32-11-12)	AC, AD, AG, AK	1
-10	273A3600-1		. DAMPER INSTL-SHIMMY (FOR DETAILS SEE FIG. 2)	G-P	1
-10A	273A3600-3		. DAMPER INSTL-SHIMMY (FOR DETAILS SEE FIG. 2)	Q-V	1
-11	273A3600-2		. DAMPER INSTL-SHIMMY (FOR DETAILS SEE FIG. 2)	W-AD	1
-11A	273A3600-4		. DAMPER INSTL-SHIMMY (FOR DETAILS SEE FIG. 2)	AE-AK	1
-12	272A6101-1		. PLUMBING INSTL-OLEO	A, C, E	1
-12A	272A6101-7		. PLUMBING INSTL-OLEO (FOR DETAILS SEE FIG. 3)	G-V	1
-15	272A6101-2		. PLUMBING INSTL-OLEO	B, D, F	1
-15A	272A6101-8		. PLUMBING INSTL-OLEO (FOR DETAILS SEE FIG. 3)	W-AK	1
18	BACE21BM0606J		. . ELBOW	A-F	4
21	NAS1149D0932J		. . WASHER	A-F	8

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
24	AN924-6T		. . NUT	A-F	4
27	BACS12GU3K7		. . SCREW (OPT ITEM 27A)	A-F	8
–27A	NAS1802-3-7		. . SCREW (OPT ITEM 27)	A-F	8
30	NAS1149D0316J		. . WASHER	A-F	10
33	H52732-3CD		. . NUT (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))	A-F	2
36	M85052-2-6		. . CLAMP	A-F	8
39	272A6101-103		. . TUBE ASSY	A, C, E	1
–42	272A6101-106		. . TUBE ASSY (PRE SB 737-32-1312)	B, D, F	1
–42A	272A6101-108		. . TUBE ASSY (POST SB 737-32-1312)	B, D, F	1
–45	DB0S13BX06H		. . . SLEEVE (V14798) (SPEC BACS13BX06H) (OPT 2-02903-06H (V11328)) (OPT 35235V06 (V08199)) (OPT AP2097-06H (V01673)) (OPT AFP175V06 (V30974))	A-F	2
–48	BACN10YA6N		. . . NUT	A-F	2
51	272A6101-105		. . TUBE ASSY (PRE SB 737-32-1312)	A, C, E	1
–51A	272A6101-107		. . TUBE ASSY (POST SB 737-32-1312)	A, C, E	1
–54	272A6101-115		. . TUBE ASSY	B, D, F	1
–57	DB0S13BX06H		. . . SLEEVE (V14798) (SPEC BACS13BX06H) (OPT 2-02903-06H (V11328)) (OPT 35235V06 (V08199)) (OPT AP2097-06H (V01673)) (OPT AFP175V06 (V30974))	A-F	2
–60	BACN10YA6N		. . . NUT	A-F	2
–63	274A1900-1		DELETED		
–63A	274A1900-3		. HOSE INSTL-LWR BRAKES	A, C, E	1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
–63B	274A1900-5		. HOSE INSTL-LWR BRAKES (FOR DETAILS SEE FIG. 4)	G-V	1
–66	274A1900-2		DELETED		
–66A	274A1900-4		. HOSE INSTL-LWR BRAKES	B, D, F	1
–66B	274A1900-6		. HOSE INSTL-LWR BRAKES (FOR DETAILS SEE FIG. 4)	W-AK	1
69	BACB30NR4K35		. . BOLT	A-F	2
72	BACB30NR4K15		. . BOLT	A-F	4
73	BACB30NR4K31		. . BOLT	A-F	4
75	NAS1149D0432J		. . WASHER	A-F	18
78	NAS1149D0463J		. . WASHER	A-F	2
81	H52732-4CD		. . NUT (V15653) (SPEC BACN10YR4CD) (OPT PLH54CD (V62554))	A-F	10
84	274A1903-1		. . SPACER	A-F	1
87	NAS43DD4-44FC		. . SPACER	A-F	6
88	287N6115-3		. . GUIDE	A-F	4
90	274A1902-4		. . GUIDE (PRE SB 737-32-1312)	A-F	1
–90A	274A1902-5		DELETED		
91	274A1902-5		. . RETAINER (POST SB 737-32-1312)	A-F	1
93	274A1902-3		. . GUIDE	A-F	1
96	274A1901-1		. . BRACKET	A-F	1
99	BACE21BR0606P		. . ELBOW	A-F	2
102	BACH8A04EE0332K		DELETED		
102A	AS154A04EE0320B		. . HOSE ASSY (V00624) (SPEC BACH8A04EE0320B) (OPT B472-4EE0320B (V98441)) (OPT 97934A04EE0320B (V78570)) (OPT R291204EE0320B (V50599))	A-F	2
–105	274A1910-1		. BRACKET INSTL-LWR BRAKE HOSE	A, C, E	1
–105A	274A1910-3		. BRACKET INSTL-LWR BRAKE HOSE (FOR DETAILS SEE FIG. 5)	G-V	1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
–108	274A1910-2		. BRACKET INSTL-LWR BRAKE HOSE	B, D, F	1
–108A	274A1910-4		. BRACKET INSTL-LWR BRAKE HOSE (FOR DETAILS SEE FIG. 5)	W-AK	1
111	BACB30US4K16		. . BOLT	A-F	2
114	274A1914-2		. . WASHER (PRE SB 737-32-1312)	A-F	2
117	BACB30US6K16		. . BOLT	A-F	1
120	274A1914-1		. . WASHER	A-F	1
123	274A1911-1		. . BRACKET ASSY	A, C, E	1
–126	274A1911-2		. . BRACKET ASSY	B, D, F	1
129	BACR15BA3AD4C		. . . RIVET	A-F	20
132	BRF100C3D		. . . NUTPLATE (V52828) (SPEC BACN10KB3CFD) (OPT NS202478-02 (V80539)) (OPT 102F9207P3 (V72962)) (OPT F51604-3 (V15653))	A-F	10
135	BACN10ZC4CN		. . . NUT-BARREL	A-F	2
138	SLR4001-4AC		. . . RETAINER (V97393) (SPEC BACR10AL4AC) (OPT SLR50-4AC (V97393))	A-F	2
141	SL4113-6CDBAC		. . . NUT (V97393) (SPEC BACN10ZC6CD) (OPT 102B13171-6 (V72962)) (OPT 92834-624CD (V56878))	A-F	1
144	BACR10AL6CD		DELETED		
144A	BACR10AL6AC		. . . RETAINER	A-F	1
147	MS21209F1-15P		. . . INSERT	A-F	4
150	HST11AG5-3		. . . BOLT (V06725) (SPEC BACB30VU5K3) (OPT HST11AG5-3 (V73197)) (OPT HST11AG5-3 (V0PTK6)) (OPT HST11AG5-3 (V56878))	A-F	12

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1– 153	HST79CY5		. . . COLLAR (V73197) (SPEC BACC30BL5) (OPT HST79-5 (V92215)) (OPT HST79CY5 (V56878)) (OPT HST79CY5 (V5M902))	A-F	12
156	BACG20ZB000484		. . . GROMMET	A-F	1
159	BACG20ZB000535		. . . GROMMET	A-F	1
162	274A1913-1		. . . BRACKET	A, C, E	1
–165	274A1913-2		. . . BRACKET	B, D, F	1
168	274A1912-3		. . . FITTING	A, C, E	1
–171	274A1912-4		. . . FITTING	B, D, F	1
174	274A1912-1		. . . FITTING	A, C, E	1
–177	274A1912-2		. . . FITTING	B, D, F	1
–180	274A1920-1		. BRACKET INSTL-UPR BRAKE HOSE	A, C, E	1
–180A	274A1920-3		. BRACKET INSTL-UPR BRAKE HOSE	G-V	1
–183	274A1920-2		. BRACKET INSTL-UPR BRAKE HOSE	B, D, F	1
–183A	274A1920-4		. BRACKET INSTL-UPR BRAKE HOSE	W-AK	1
186	BACB30NR4K14		. . BOLT		1
189	BACB30NR4K30		. . BOLT		1
192	BACW10BN4AC		. . WASHER		2
195	287A1914-2		DELETED		
195A	274A1914-2		. . WASHER		1
198	BACW10BP4DP		. . WASHER		1
199	BACS18K25-50W		. . SPACER		1
201	H52732-4CD		. . NUT (V15653) (SPEC BACN10YR4CD) (OPT PLH54CD (V62554))		2
204	274A1921-1		. . BRACKET ASSY (PRE SB 737-32-1312)	A, C, E	1
–204A	274A1921-3		. . BRACKET ASSY (POST SB 737-32-1312)	A, C, E	1
–204B	274A1921-3		. . BRACKET ASSY	G-V	1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
–207	274A1921-2		. . BRACKET ASSY (PRE SB 737-32-1312)	B, D, F	1
–207A	274A1921-4		. . BRACKET ASSY (POST SB 737-32-1312)	B, D, F	1
–207B	274A1921-4		. . BRACKET ASSY	W-AK	1
–270	274A1921-2		DELETED		
–270A	274A1921-4		DELETED		
273	BACR15BA5AD6C		. . . RIVET		1
276	274A1924-7		. . . FILLER-RADIUS	A, C, E, G-V	1
–279	274A1924-8		. . . FILLER-RADIUS	B, D, F, W-AK	1
280	BACR15FT6AD		. . . RIVET (SIZE DETERMINED ON INST) (USED ON ITEMS 204A,204B,207A,207B)		2
281	274A1924-11		. . . BRACKET (USED ON ITEMS 204A,204B,207A,207B)		1
282	BACR15BB5D6C		. . . RIVET		3
285	274A1924-1		. . . BRACKET (USED ON ITEM 204)	A, C, E	1
–285A	274A1924-3		. . . BRACKET (USED ON ITEMS 204A,204B)	A, C, E, G-V	1
288	274A1924-2		. . . BRACKET ASSY (USED ON ITEM 207)	B, D, F	1
–288A	274A1924-4		. . . BRACKET ASSY (USED ON ITEMS 207A,207B)	B, D, F, W-AK	1
289	BACR15BA3AD		DELETED		
289A	BACR15BA3ADC		 RIVET (SIZE DETERMINED ON INST)	B, D, F, W-AK	4
290	BRF100C3D		 NUTPLATE (V52828) (SPEC BACN10KB3CFD) (OPT NS202478-02 (V80539)) (OPT 102F9207P3 (V72962)) (OPT F51604-3 (V15653))	B, D, F, W-AK	2

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1– 290J	274A1924-5		 BRACKET (USED ON ITEM 288)	B, D, F	1
–290K	274A1924-6		 BRACKET (USED ON ITEM 288A)	B, D, F, W-AK	1
291	BACR15BB6D7C		. . . RIVET		4
294	274A1922-1		. . . CLIP	A, C, E, G-V	1
–297	274A1922-2		. . . CLIP	B, D, F, W-AK	1
300	274A1923-1		. . . BRACKET ASSY (USED ON ITEM 204)	A, C, E	1
–300A	274A1923-3		. . . BRACKET ASSY (USED ON ITEMS 204A,204B)	A, C, E, G-V	1
–303	274A1923-2		. . . BRACKET ASSY (USED ON ITEM 207)	B, D, F	1
–303A	274A1923-4		. . . BRACKET ASSY (USED ON ITEMS 207A,207B)	B, D, F, W-AK	1
306	BACR15BA3AD4C		 RIVET		4
309	BRF100C3D		 NUTPLATE (V52828) (SPEC BACN10KB3CFD) (OPT NS202478-02 (V80539)) (OPT 102F9207P3 (V72962)) (OPT F51604-3 (V15653))		2
312	274A1923-5		 BRACKET (USED ON ITEM 300)	A, C, E	1
–312A	274A1923-7		 BRACKET (USED ON ITEM 300A)	A, C, E, G-V	1
–315	274A1923-6		 BRACKET (USED ON ITEM 303)	B, D, F	1
–315A	274A1923-8		 BRACKET (USED ON ITEM 303A)	B, D, F, W-AK	1
–318	284A0313-1		DELETED		
–318A	284A0313-3		DELETED		
318B	284A0313-5		. SENSOR INSTL-AIR GROUND	A, C, E	1
–318C	284A0313-7		. SENSOR INSTL-AIR GROUND	G-V	1
–321	284A0313-2		DELETED		

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1-					
-321A	284A0313-4		DELETED		
-321B	284A0313-6		. . SENSOR INSTL-AIR GROUND	B, D, F	1
-321C	284A0313-8		. . SENSOR INSTL-AIR GROUND	W-AK	1
324	BACB30NM3K2		DELETED		
324A	BACB30NM3K3		. . BOLT		4
327	NAS1149D0316J		DELETED		
327A	NAS1149D0363J		. . WASHER		4
330	H52732-3CD		. . NUT (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))		4
333	1-899-29		. . SENSOR (V08748) (SPEC 10-61226-29)		2
336	NAS1802-3D6		DELETED		
336A	NAS514P832-8P		. . SCREW		8
339	NAS1149D0316J		DELETED		
339A	NAS1149DN816J		. . WASHER		8
-340	H52732-3CD		DELETED		
340A	H52732-08CD		. . NUT (V15653) (SPEC BACN10YR08CD) (OPT PLH508CD (V62554))		8
341	284A3313-7		. . SHIM	A, C, E, G-V	AR
342	284A3313-2		DELETED		
-342A	284A3313-7		DELETED		
-342B	284A3313-6		. . SHIM	B, D, E, W-AK	AR
-342C	284A3313-7		DELETED		
-342D	284A3313-7		DELETED		
-342E	284A3313-6		DELETED		
-342F	284A3313-7		DELETED		
343	284A3313-7		. . SHIM		AR
345	284A4313-1		DELETED		

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1-											
-345A	284A4313-3		DELETED							A, C, E, G-V	1
345B	284A4313-3		. . TARGET								
-345C	284A4313-2		DELETED							B, D, F, W-AK	1
-346	284A4313-2		. . TARGET								
347	284A4313-3		. . TARGET								1
348	BACB30NM3K4		DELETED								
348A	BACB30NM3K6		. . BOLT								4
351	MS35338-43		DELETED								
351A	BACW10BN3AC		. . WASHER								4
354	NAS1149D0316J		DELETED								
354A	NAS1149D0363J		. . WASHER								4
357	H52732-3CD		. . NUT (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))								4
358	284A3313-3		. . BRACKET (PRE SB 737-32-1312)							A, C, E	1
-358J	284A3313-5		. . BRACKET (PRE SB 737-32-1312)							B, D, F	1
359	274A1946-1		. . BRACKET (POST SB 737-32-1312)							A, C, E	1
-359A	274A1946-1		. . BRACKET							G-V	1
-359J	274A1946-2		. . BRACKET (POST SB 737-32-1312)							B, D, F	1
-359K	274A1946-2		. . BRACKET							W-AK	1
360	284A3313-1		DELETED								
-360A	284A3313-3		DELETED								
-360B	284A3313-4		DELETED								
360C	284A3313-3		DELETED								
-360D	284A3313-5		DELETED								
-360E	284A3313-3		DELETED								
-360F	274A1946-1		DELETED								

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1-					
-360G	284A3313-5		DELETED		
-360H	274A1446-2		DELETED		
361	284A3313-4		. . BRACKET	A, C, E, G-V	1
-362	284A3313-5		DELETED		
-362A	284A3313-3		. . BRACKET	B, D, E, W-AK	1
363	BAC27DEX6183		. . MARKER-ALUMINUM FOIL, S1013 LEFT AIR/GROUND INDICATING SENSOR	A, C, E, G-V	1
-366	BAC27DEX6180		. . MARKER-ALUMINUM FOIL, S1011 RIGHT AIR/GROUND INDICATING SENSOR	B, D, F, W-AK	1
369	BAC27DEX6181		. . MARKER-ALUMINUM FOIL, S1012 LEFT AIR/GROUND INDICATING SENSOR	A, C, E, G-V	1
-372	BAC27DEX6179		. . MARKER-ALUMINUM FOIL, S1010 RIGHT AIR/GROUND INDICATING SENSOR	B, D, F, W-AK	1
-375	287A6105-1		. BRACKET INSTL-OUTER CYL	A, C, E, G-V	1
-378	287A6105-2		. BRACKET INSTL-OUTER CYL	B, D, F, W-AK	1
381	BACB30NM3K3		. . BOLT		2
384	NAS1149D0332J		. . WASHER		2
387	H52732-3CD		. . NUT (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))		2
390	BACB19F10S		. . BLOCK		2
393	BACC15AN10		. . CLIP		2
396	3140AB048E		. . CLAMP-BAND (V94581) (SPEC BACC10FY048SE) (OPT BC1083-048SE (V14242)) (OPT NE103338-048 (V8W928))		1
399	287A6145-4		. . SPACER		1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1– 402	287A6125-5		. . BRACKET	A, C, E, G-V	1
–405	287A6125-6		. . BRACKET	B, D, F, W-AK	1
408	8412		. . TAPE (V26066)		AR
411	BACS12GU3K8D		. . SCREW		2
414	NAS1149D0332J		. . WASHER		2
417	H52732-3CD		. . NUT (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))		2
420	287A6115-1		. . BRACKET ASSY	A, C, E, G-V	1
–423	287A6115-2		. . BRACKET ASSY	B, D, F, W-AK	1
426	BACR15BB6D		. . . RIVET (SIZE DETERMINED ON INST)		2
429	287A6125-1		. . . BRACKET	A, C, E, G-V	1
–432	287A6125-2		. . . BRACKET	B, D, F, W-AK	1
435	287A6125-3		. . . BRACKET	A, C, E, G-V	1
–438	287A6125-4		. . . BRACKET	B, D, F, W-AK	1
441	BACS12GU3K13D		. . SCREW		2
444	NAS1149D0332J		. . WASHER		4
447	H52732-3CD		. . NUT (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))		2
450	287A6145-1		. . SPACER		1
453	287A6125-7		. . BRACKET		1
–456	287A6105-3		DELETED		
–456A	287A6105-7		. BRACKET INSTL-TORQUE LINK AND AXLE	A, C, E	1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
–456B	287A6105-13		. BRACKET INSTL-TORQUE LINK AND AXLE	G-J, N, Q-S	1
–456C	287A6105-11		. BRACKET INSTL-TORQUE LINK AND AXLE	K-M, P, T-V	1
–459	287A6105-4		DELETED		
–459A	287A6105-8		. BRACKET INSTL-TORQUE LINK AND AXLE	B, D, F	1
–459B	287A6105-14		. BRACKET INSTL-TORQUE LINK AND AXLE	W-Y, AC, AE-AG	1
–459C	287A6105-12		. BRACKET INSTL-TORQUE LINK AND AXLE	Z-AB, AD, AH- AK	1
462	BACS12GU4K16		. . BOLT	A-F	2
465	NAS1149D0432J		. . WASHER	A-F	4
468	H52732-4CD		. . NUT (V15653) (SPEC BACN10YR4CD) (OPT PLH54CD (V62554))	A-F	2
471	287A6125-9		. . BRACKET (PRE SB 32-1312)	A-F	1
–471A	274A1944-1		BRACKET (POST SB 32-1312)	A-F	1
471B	287A6125-23		. . BRACKET (PRE SB 32-1312)	A-F	1
–471C	274A1913-3		. . BRACKET (POST SB 32-1372)	A-F	1
474	BACS12GU3K10		. . SCREW		4
477	NAS1149D0332J		. . WASHER		8
480	H52732-3CD		. . NUT (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))		4
483	287A6135-1		. . GUIDE-HOSE		1
486	BACS12GU4K16		. . BOLT		4
489	NAS1149D0432J		. . WASHER		8

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1– 492	H52732-4CD		.	.	NUT						4
					(V15653)						
					(SPEC BACN10YR4CD)						
					(OPT PLH54CD (V62554))						
495	NAS43DD4-19FC		.	.	SPACER						2
498	287A6115-5		.	.	BRACKET ASSY						1
501	BACR15BB6D		.	.	RIVET						4
					(SIZE DETERMINED ON INST)						
504	287A6125-21		.	.	BRACKET						1
507	287A6125-12		.	.	BRACKET						1
510	287A6145-3		.	.	SPACER						2
513	287A6125-13		.	.	BRACKET						1
516	BACB30NM3K3		.	.	BOLT						4
519	NAS1149D0332J		.	.	WASHER						4
522	H52732-3CD		.	.	NUT						4
					(V15653)						
					(SPEC BACN10YR3CD)						
					(OPT PLH53CD (V62554))						
525	BACB19F10S		.	.	BLOCK						4
528	BACC15AN10		.	.	CLIP						4
531	3140AB030E		.	.	CLAMP-BAND						2
					(V94581)						
					(SPEC BACC10FY030SE)						
					(OPT BC1083-030SE (V14242))						
					(OPT NE102228-030 (V8W928))						
534	8412		.	.	TAPE						AR
					(V26066)						
537	287A6115-4		.	.	BRACKET ASSY					A-F, K- M, P, T- V, Z-AB, AD, AH- AK	1
–537A	287A6115-6		.	.	BRACKET ASSY					G-J, N, Q-S, W- Y, AC, AE-AG	1
540	BACR15BB5D		.	.	RIVET						8
					(SIZE DETERMINED ON INST)						

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1–											
543	287A6125-14		.	.	.						1
546	287A6125-15		.	.	.					A-F, K-M, P, T-V, Z-AB, AD, AH-AK	1
547	287A6125-22		.	.	.					G-J, N, Q-S, W-Y, AC, AE-AG	1
549	287A6125-16		.	.	.						1
552	287A6125-17		.	.	.						1
–555	287A6107-1		.							A, C, E, K-M, P, T-V	1
–555A	287A6107-3		.							G-J, N, Q-S	1
–558	287A6107-2		.							B, D, F, Z-AB, AD, AH-AK	1
–558A	287A6107-4		.							W-Y, AC, AE-AG	1
561	BACS12GU3K7D		.	.							2
564	NAS1149D0332J		.	.							2
567	H52732-3CD		.	.							2
										(V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))	
570	BACC10JU103		.	.							2
573	BACS12GU3K8D		.	.							2
576	NAS1149D0332J		.	.							2
579	H52732-3CD		.	.							2
										(V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))	

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1– 582	S717-104S104RG		. .	CLAMP						A-F, K- M, P, T- V, Z-AB, AD, AH- AK	2
				(V18076)							
				(SPEC BACC10GU104)							
				(OPT 534CS104 (V83930))							
				(OPT JM44LC39S104RG (V22175))							
–582A	S717-105		. .	CLAMP						G-J, N, Q-S, W- Y, AC, AE-AG	2
				(V18076)							
				(SPEC BACC10GU105)							
				(OPT 534CS105 (V83930))							
				(OPT JM44LC39S105RG (V22175))							
585	M81714-3DB1		. .	BLOCK-TERMINAL							2
588	M81714-3DD1		. .	BLOCK-TERMINAL							4
591	BACB30NM3HK2		. .	BOLT							8
594	NAS1149D0332J		. .	WASHER							8
597	287A6117-3		. .	BOX ASSY						A, C, E, G-V	1
–600	287A6117-4		. .	BOX ASSY						B, D, F, W-AK	1
603	MS20427M4C		. . .	RIVET							5
				(SIZE DETERMINED ON INST)							
606	BACS12ER06K7		. . .	SCREW							2
609	287A6127-12		. . .	SUPPORT ASSY-TRACK							1
610	BACR15BA3AD			RIVET							4
				(SIZE DETERMINED ON INST)							
611	BACN10JP06BCD			NUTPLATE							2
611J	287A6127-15			PLATE							1
612	M81714-5-2		. . .	BLOCK-TERMINAL							1
615	287A6127-16		. . .	SUPPORT-SWIVEL							1
				(OPT ITEM 615A)							
–615A	287A6137-1		. . .	SUPPORT-SWIVEL							1
				(OPT ITEM 615)							
618	MS20427M4		. . .	RIVET							2
				(SIZE DETERMINED ON INST)							
621	287A6127-3		. . .	BRACKET ASSY						A, C, E, G-V	1
–624	287A6127-4		. . .	BRACKET ASSY						B, D, F, W-AK	1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
625	MS20427M3C		 RIVET (SIZE DETERMINED ON INST)		1
626	BACS18AF4Y		 SHIM		1
626J	287A6127-17		 BRACKET	A, C, E, G-V	1
–626K	287A6127-18		 BRACKET	B, D, F, W-AK	1
627	MS20615-3M		. . . RIVET (SIZE DETERMINED ON INST)		8
630	MF6000-3		. . . NUTPLATE (V15653) (SPEC STBN10RC3)		4
633	MS20427M4		. . . RIVET (SIZE DETERMINED ON INST)		12
636	287A6127-5		. . . DOUBLER		2
639	287A6127-6		. . . DOUBLER		1
642	287A6127-7		. . . BASE-INBD	A, C, E, G-V	1
–645	287A6127-8		. . . BASE-INBD	B, D, F, W-AK	1
648	287A6117-1		. . BOX ASSY	A, C, E, G-V	1
–651	287A6117-2		. . BOX ASSY	B, D, F, W-AK	1
654	MS20427M4C		. . . RIVET (SIZE DETERMINED ON INST)		3
657	BACS12ER06K7		. . . SCREW		2
660	287A6127-12		. . . SUPPORT ASSY-TRACK		1
663	M81714-5-2		. . . BLOCK-TERMINAL		1
666	MS20427M4		. . . RIVET (SIZE DETERMINED ON INST)		2
669	287A6127-3		. . . BRACKET ASSY	A, C, E, G-V	1
–672	287A6127-4		. . . BRACKET ASSY	B, D, F, W-AK	1
673	MS20427M3C		 RIVET (SIZE DETERMINED ON INST)		1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1-											
674	BACS18AF4Y		.	.	.	.	.	.	SHIM		1
674J	287A6127-17		.	.	.	.	.	.	BRACKET	A, C, E, G-V	1
-674K	287A6127-18		.	.	.	.	.	.	BRACKET	B, D, F, W-AK	1
675	MS20615-3M		.	.	.	.	.	.	RIVET (SIZE DETERMINED ON INST)		8
678	MF6000-3		.	.	.	.	.	.	NUTPLATE (V15653) (SPEC STBN10RC3)		4
681	MS20427M4		.	.	.	.	.	.	RIVET (SIZE DETERMINED ON INST)		12
684	287A6127-5		.	.	.	.	.	.	DOUBLER		2
687	287A6127-6		.	.	.	.	.	.	DOUBLER		1
690	287A6127-1		.	.	.	.	.	.	BASE-OUTBD	A, C, E, G-V	1
-693	287A6127-2		.	.	.	.	.	.	BASE-OUTBD	B, D, F, W-AK	1
696	BACS12GU3K7D		.	.	.	.	.	.	SCREW		4
699	NAS1149D0332J		.	.	.	.	.	.	WASHER		4
702	NAS1716D6T		.	.	.	.	.	.	CLAMP		2
705	300-100-0029		.	.	.	.	.	.	NUT-JAM (V05593)		5
708	MS35333-78		.	.	.	.	.	.	WASHER		5
711	NAS1149C0832R		.	.	.	.	.	.	WASHER		2
714	NAS1149C0816R		.	.	.	.	.	.	WASHER		1
717	287A6116-8		.	.	.	.	.	.	CONDUIT ASSY		1
720	287A6116-10		.	.	.	.	.	.	CONDUIT ASSY	A-F, K- M, P, T- V, Z-AB, AD, AH- AK	1
-720A	287A6116-34		.	.	.	.	.	.	CONDUIT ASSY	G-J, N, Q-S, W- Y, AC, AE-AG	1
723	287A6116-7		.	.	.	.	.	.	CONDUIT ASSY		1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1-					
-726	287A6108-1		. HARNESS INSTL-OUTER CYL	A, C, E	1
-726A	287A6108-17		. HARNESS INSTL-OUTER CYL	G-J, N, Q-S	1
-726B	287A6108-15		. HARNESS INSTL-OUTER CYL	K-M, P, T-V	1
-729	287A6108-2		. HARNESS INSTL-OUTER CYL	B, D, F	1
-729A	287A6108-18		. HARNESS INSTL-OUTER CYL	W-Y, AC, AE-AG	1
-729B	287A6108-16		. HARNESS INSTL-OUTER CYL	Z-AB, AD, AH- AK	1
732	BACS12GU3K8		. . SCREW		4
735	NAS1149D0332J		. . WASHER		20
738	H52732-3CD		. . NUT (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))		12
741	BACS12GU3K16		. . SCREW		2
744	NAS43HT3-27		. . SPACER		2
747	BACS12GU3K7		. . SCREW		14
750	BRC600-8-3GP		. . NUT-CLIP (V52828) (SPEC BACN10YD1G) (OPT 130120G (V60119))		6
753	TA027070		. . CLAMP (V84971)		4
756	TA027068		. . CLAMP (V84971)		16
759	300-100-0030		. . NUT (V05593)	A-F	2
-759A	300-100-0030		. . NUT (V05593) (OPT ITEM 759B)	G-AK	2
-759B	D221-04		. . NUT (VF6101) (OPT ITEM 759A)	G-AK	2
762	MS35333-80		. . WASHER		2

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1– –786A	48-2335-02		 CONTACT (V77820) (SPEC BACC47CN1) (OPT LRM20W16F74 (V09922)) (OPT ZZL4020-36LT (V49367)) (OPT 48-2335-02 (V02660)) (OPT 417-2020-901 (V55104)) (OPT C48-2335-02 (V13556))							G-J, N, Q-S, W- Y, AC, AE-AG	7
–787	48-2335-02		 CONTACT (V77820) (SPEC BACC47CN1) (OPT LRM20W16F74 (V09922)) (OPT ZZL4020-36LT (V49367)) (OPT 48-2335-02 (V02660)) (OPT 417-2020-901 (V55104)) (OPT C48-2335-02 (V13556))							G-J, N, Q-S, W- Y, AC, AE-AG	1
–789	M39029-1-102		 CONTACT								6
–790	M39029-1-102		 CONTACT							G-J, N, Q-S, W- Y, AC, AE-AG	2
792	BACC63BP14D7PN		 CONNECTOR							A-F, K- M, P, T- V, Z-AB, AD, AH- AK	1
–792A	BACC63BP14D15P~ N		 CONNECTOR							G-J, N, Q-S, W- Y, AC, AE-AG	1
795	MS27488-16		 PLUG							A-F, K- M, P, T- V, Z-AB, AD, AH- AK	1
–795A	MS27488-20		 PLUG							G-J, N, Q-S, W- Y, AC, AE-AG	1
–796	M23053-5-104-4		DELETED								
–797	M23053-5-105-4		DELETED								
–797J	M23053-5-105-6		DELETED								

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1– 798	287A6118-1		.	.						A, C, E, K-M, P, T-V	1
–798A	287A6118-13		.	.						G-J, N, Q-S	1
–801	287A6118-2		.	.						B, D, F, Z-AB, AD, AH- AK	1
–801A	287A6118-14		.	.						W-Y, AC, AE-AG	1
804	287A6116-1		.	.	.						1
807	287A6116-3		.	.	.					A, C, E, G-V	1
–810	287A6116-4		.	.	.					B, D, F, W-AK	1
–813	287A6118-201		.	.	.					A, C, E, K-M, P, T-V	1
–813A	287A6118-213		.	.	.					G-J, N, Q-S	1
–816	287A6118-202		.	.	.					B, D, F, Z-AB, AD, AH- AK	1
–816A	287A6118-214		.	.	.					W-Y, AC, AE-AG	1
–819	48-1825-02		.	.	.	.				A-F, K- M, P, T- V, Z-AB, AD, AH- AK	7
										(V77820) (SPEC BACC47CN2) (OPT ZZL4016-36LT (V49367)) (OPT 48-1825-02 (V02660)) (OPT 417-1616-902 (V92069)) (OPT LRM16M15F74 (V09922))	

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1— -819A	48-2335-02		 CONTACT (V77820) (SPEC BACC47CN1) (OPT LRM20W16F74 (V09922)) (OPT ZZL4020-36LT (V49367)) (OPT 48-2335-02 (V02660)) (OPT 417-2020-901 (V55104)) (OPT C48-2335-02 (V13556))							G-J, N, Q-S, W- Y, AC, AE-AG	7
-820	48-2335-02		 CONTACT (V77820) (SPEC BACC47CN1) (OPT LRM20W16F74 (V09922)) (OPT ZZL4020-36LT (V49367)) (OPT 48-2335-02 (V02660)) (OPT 417-2020-901 (V55104)) (OPT C48-2335-02 (V13556))							G-J, N, Q-S, W- Y, AC, AE-AG	1
-822	M39029-1-102		 CONTACT								6
-823	M39029-1-102		 CONTACT							G-J, N, Q-S, W- Y, AC, AE-AG	2
825	BACC63BP14D7PN		 CONNECTOR (USED ON ITEM 813)							A-F, K- M, P, T- V, Z-AB, AD, AH- AK	1
-825A	BACC63BP14D15P~ N		 CONNECTOR (USED ON ITEM 813A)							G-J, N, Q-S, W- Y, AC, AE-AG	1
-825B	BACC63BP14D7P6		 CONNECTOR (USED ON ITEM 816)								1
-825C	BACC63BP14D15P6		 CONNECTOR (USED ON ITEM 816A)								1
828	MS27488-16		 PLUG							A-F, K- M, P, T- V, Z-AB, AD, AH- AK	1
-828A	MS27488-20		 PLUG							G-J, N, Q-S, W- Y, AC, AE-AG	1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1-					
-829	M23053-5-104-4		DELETED		
-830	M23053-5-105-4		DELETED		
-830J	M23053-5-105-6		DELETED		
-831	287A6108-5		DELETED		
-831A	287A6108-9		. HARNESS INSTL-ANTISKID	A, C, E	1
-831B	287A6108-21		. HARNESS INSTL-ANTISKID	G-J, N, Q-S	1
-831C	287A6108-19		. HARNESS INSTL-ANTISKID	K-M, P, T-V	1
-834	287A6108-6		DELETED		
-834A	287A6108-10		. HARNESS INSTL-ANTISKID	B, D, F	1
-834B	287A6108-22		. HARNESS INSTL-ANTISKID	W-Y, AC, AE-AG	1
-834C	287A6108-20		. HARNESS INSTL-ANTISKID	Z-AB, AD, AH- AK	1
837	BACS12GU3K7		. . SCREW		7
838	BACS12GU3K7		. . SCREW		4
840	NAS1149D0332J		. . WASHER		7
841	NAS1149D0332J		. . WASHER		4
843	H52732-3CD		. . NUT (V15653) (SPEC BACN10YR3CD) (OPT PLH53CD (V62554))		7
844	PLH53CD		. . NUT (V62554) (SPEC BACN10YR3CD) (OPT H52732-3CD (V15653))		4
846	TA027069		. . CLAMP (V84971) (OPT ITEM 846A)	A-F, K- M, P, T- V, Z-AB, AD, AH- AK	7

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1— -846A	JM44LC13WH8R		. . CLAMP (V22175) (SPEC BACC10GE8C) (OPT S369WHSS6 (V18076)) (OPT TA12C32WH6 (V84971)) (OPT 509SS8 (V83930)) (OPT ITEM 846)	A-F, K- M, P, T- V, Z-AB, AD, AH- AK	7
-846B	TA027070		. . CLAMP (V84971) (OPT ITEM 846C)	G-J, N, Q-S, W- Y, AC, AE-AG	7
-846C	JM44LC13WH9R		. . CLAMP (V22175) (SPEC BACC10GE9C) (OPT S369WHSS9 (V18076)) (OPT TA12C32WH9 (V84971)) (OPT 509SS9 (V83930)) (OPT ITEM 846B)	G-J, N, Q-S, W- Y, AC, AE-AG	7
847	TA027069		. . CLAMP (V84971) (OPT ITEM 847A)	G-J, N, Q-S, W- Y, AC, AE-AG	4
-847A	JM44LC13WH8R		. . CLAMP (V22175) (SPEC BACC10GE8C) (OPT S369WHSS6 (V18076)) (OPT TA12C32WH6 (V84971)) (OPT 509SS8 (V83930)) (OPT ITEM 847)	G-J, N, Q-S, W- Y, AC, AE-AG	4
849	BACS12GU3K7D		. . SCREW		8
852	NAS1149C0332R		. . WASHER		8
855	287A6127-13		. . COVER	A, C, E, G-V	1
-858	287A6127-14		. . COVER	B, D, F, W-AK	1
861	287A6127-11		. . COVER		1
-864	MS27488-16		. . PLUG	A-F, K- M, P, T- V, Z-AB, AD, AH- AK	24

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1– –865	MS27488-16		.	.						G-J, N, Q-S, W- Y, AC, AE-AG	16
867	300-100-0038		.	.						A-F, K- M, P, T- V, Z-AB, AD, AH- AK	1
868	NAS1149C1432R		.	.							1
870	287A6116-25		.	.							1
873	287A6118-9										
873A	287A6118-11		.	.						A, C, E	1
–873B	287A6118-27		.	.						K-M, P, T-V	1
874	287A6118-29		.	.						G-J, N, Q-S	1
–876	287A6118-10										
–876A	287A6118-12		.	.						B, D, F	1
–876B	287A6118-28		.	.						Z-AB, AD, AH- AK	1
–877	287A6118-30		.	.						W-Y, AC, AE-AG	1
879	BACS12GU3K7D		.	.	.						2
882	NAS1149C0332R		.	.	.						2
885	H52732-3CM		.	.	.						2
										(V15653) (SPEC BACN10YR3CM) (OPT PLH53CM (V62554))	
888	TA027071		.	.	.					A-F, K- M, P, T- V, Z-AB, AD, AH- AK	2
–888A	TA027070		.	.	.					G-J, N, Q-S, W- Y, AC, AE-AG	2
										(V84971) (OPT ITEM 888B)	

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1– –888B	JM44LC13WH11R		. . . CLAMP (V22175) (SPEC BACC10GE11C) (OPT S369WHSS11 (V18076)) (OPT TA12C32WH11 (V84971)) (OPT 509SS11 (V83930)) (OPT ITEM 888A)	G-J, N, Q-S, W- Y, AC, AE-AG	2
891	300-100-0030		. . . NUT (V05593)	A-F	1
–891A	300-100-0030		. . . NUT (V05593) (OPT ITEM 891B)	G-AK	1
–891B	D221-04		. . . NUT (VF6101) (OPT ITEM 891A)	G-AK	1
894	NAS1149C1032R		. . . WASHER		1
897	287A6125-11		. . . BRACKET		1
900	64096		DELETED		
900A	64611		. . . SWIVEL-CONDUIT (VF6101)	A-F	2
–900B	64611B		DELETED		
–900C	64611C		. . . SWIVEL-CONDUIT (VF6101)	G-AK	2
901	T300-702-0002		. . . TRANSITION-CROSS (V05593) (OPT ITEM 901A)	G-J, N, Q-S, W- Y, AC, AE-AG	1
–901A	64841		. . . TRANSITION-CROSS (VF6101) (OPT ITEM 901)	G-J, N, Q-S, W- Y, AC, AE-AG	1
903	287A6116-22		. . . FITTING		1
906	287A6116-9		. . . CONDUIT ASSY	A, C, E, K-M, P, T-V	1
–906A	287A6116-31		. . . CONDUIT ASSY	G-J, N, Q-S	1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1–											
–909	287A6116-26		.	.	.	CONDUIT	ASSY			B, D, F, Z-AB, AD, AH- AK	1
–909A	287A6116-32		.	.	.	CONDUIT	ASSY			W-Y, AC, AE-AG	1
912	287A6116-11		.	.	.	CONDUIT	ASSY			A-F	1
–912A	287A6116-33		.	.	.	CONDUIT	ASSY			G-AK	1
913	287A6116-27		.	.	.	CONDUIT	ASSY			G-AK	1
914	287A6116-28		.	.	.	CONDUIT	ASSY			G-AK	1
–915	287A6118-209		.	.	.	WIRE BUNDLE	ASSY			A, C, E, K-M, P, T-V	1
–915A	287A6118-217		.	.	.	WIRE BUNDLE	ASSY			G-J, N, Q-S	1
–918	287A6118-211		.	.	.	WIRE BUNDLE	ASSY			B, D, F, Z-AB, AD, AH- AK	1
–918A	287A6118-219		.	.	.	WIRE BUNDLE	ASSY			W-Y, AC, AE-AG	1
–921	418-1616-902		.	.	.	CONTACT					3
						(V55104)					
						(SPEC BACC47CP2T)					
						(OPT ZZL4116-36LT (V49367))					
						(OPT 248-136-1600S02 (V77820))					
						(OPT LRC16M15F74 (V09922))					
–924	M39029-1-102		.	.	.	CONTACT					3
–927	BACC63BP12A3SU		DELETED								
927A	BACC63BP12A3SN		.	.	.	CONNECTOR					1
930	MS27488-16		.	.	.	PLUG					1
933	S3819-12-65		.	.	.	CLAMP					1
						(V07418)					
						(SPEC BACC10KD12)					
						(OPT 620AS028NF12L (V06324))					
–934	M23053-5-104-4		DELETED								
–935	M23053-5-105-4		DELETED								
–935J	M23053-5-105-6		DELETED								

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
–936	287A6118-210		. . . WIRE BUNDLE ASSY	A, C, E, K-M, P, T-V	1
–936A	287A6118-218		. . . WIRE BUNDLE ASSY	G-J, N, Q-S	1
–939	287A6118-212		. . . WIRE BUNDLE ASSY	B, D, F, Z-AB, AD, AH- AK	1
–939A	287A6118-220		. . . WIRE BUNDLE ASSY	W-Y, AC, AE-AG	1
–942	418-1616-902		 CONTACT (V55104) (SPEC BACC47CP2T) (OPT ZZL4116-36LT (V49367)) (OPT 248-136-1600S02 (V77820)) (OPT LRC16M15F74 (V09922))		3
–945	M39029-1-102		 CONTACT		3
948	BACC63BP12A3SN		 CONNECTOR		1
951	MS27488-16		 PLUG		1
954	S3819-12-65		 CLAMP (V07418) (SPEC BACC10KD12) (OPT 620AS028NF12L (V06324))		1
–955	M23053-5-104-4		DELETED		
–956	M23053-5-105-4		DELETED		
–956J	M23053-5-105-6		DELETED		
957	BAC27DEX6563		DELETED		
–958	287A6118-221		. . . WIRE BUNDLE ASSY	G-J, N, Q-S	1
–958A	287A6118-224		. . . WIRE BUNDLE ASSY	W-Y, AC, AE-AG	1
–959	287A6118-222		. . . WIRE BUNDLE ASSY	G-J, N, Q-S	1
–959A	287A6118-223		. . . WIRE BUNDLE ASSY	W-Y, AC, AE-AG	1
–960	BAC27DEX6564		DELETED		

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
1–					
–961	ZZL4116-10R		 CONTACT (V06848) (OPT ITEM 961A)	G-J, N, Q-S, W- Y, AC, AE-AG	1
–961A	48-2359		 CONTACT (V77820) (OPT ITEM 961)	G-J, N, Q-S, W- Y, AC, AE-AG	1
–962	418-1616-902		 CONTACT (V55104) (SPEC BACC47CP2T) (OPT ZZL4116-36LT (V49367)) (OPT 248-136-1600S02 (V77820)) (OPT LRC16M15F74 (V09922))	G-J, N, Q-S, W- Y, AC, AE-AG	1
963	BAC27DEX6562		DELETED		
–964	ZZL4116-10P		 CONTACT (V06848) (OPT ITEM 964A)	G-J, N, Q-S, W- Y, AC, AE-AG	1
–964A	48-2182		 CONTACT (V77820) (OPT ITEM 964)	G-J, N, Q-S, W- Y, AC, AE-AG	1
–965	M39029-1-102		 CONTACT	G-J, N, Q-S, W- Y, AC, AE-AG	2
–966	BAC27DEX6565		DELETED		
967	BACC63BP12D3SN		 CONNECTOR	G-J, N, Q-S, W- Y, AC, AE-AG	1
968	MS27488-16		 PLUG	G-J, N, Q-S, W- Y, AC, AE-AG	1
970	BAC27DEX6563		. . MARKER-ALUMINUM FOIL, J00028 JUNCTION BOX	A, C, E, G-V	1
–973	BAC27DEX6564		. . MARKER-ALUMINIM FOIL, J00032 JUNCTION BOX	B, D, F, W-AK	1

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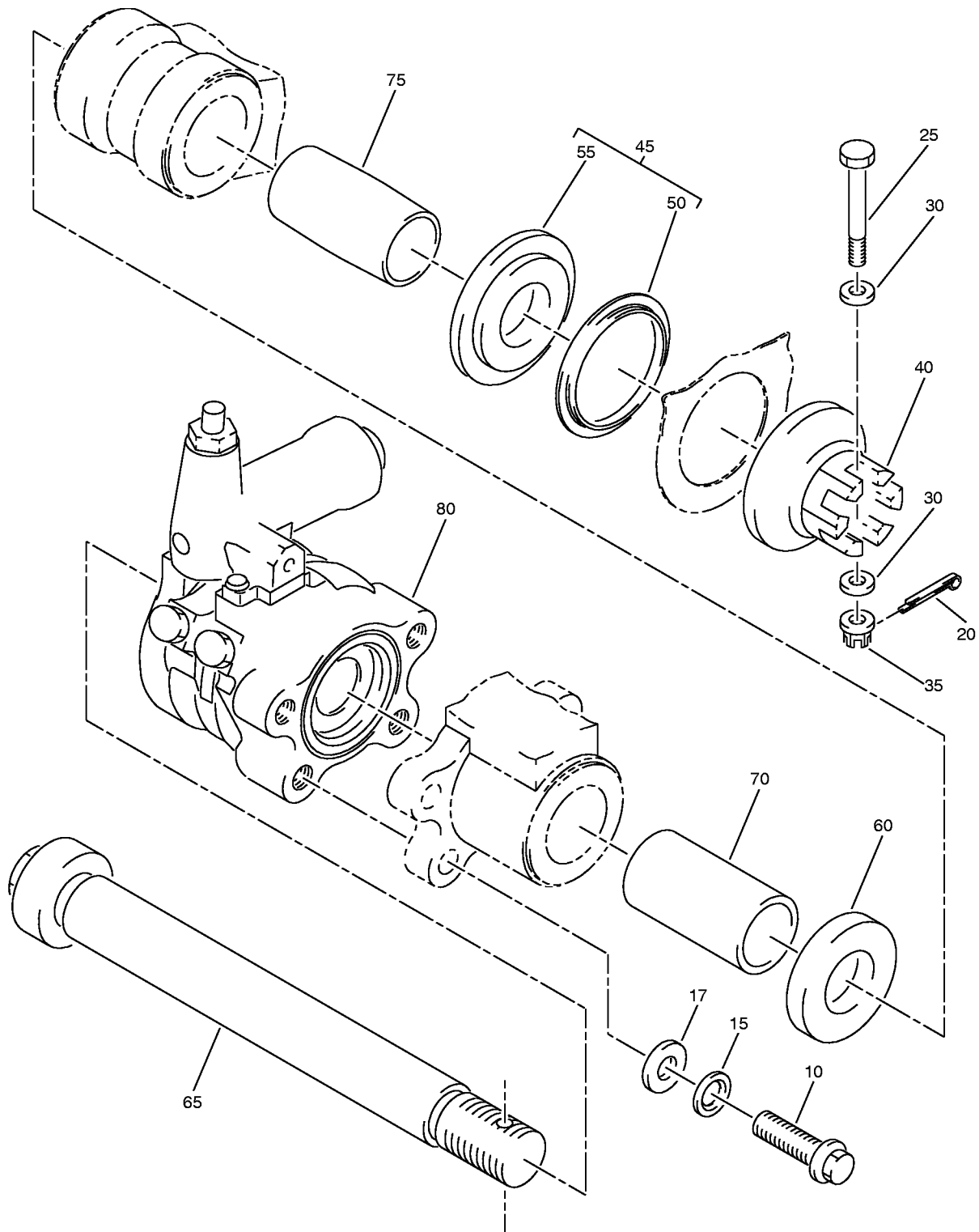


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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
1– 976	BAC27DEX6562		.	.	MARKER-ALUMINUM FOIL, J00029					A, C, E, G-V	1
–979	BAC27DEX6565		.	.	MARKER-ALUMINUM FOIL, J00033					B, D, F, W-AK	1

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Shimmy Damper Installation
IPL Figure 2

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
2-					
-1A	273A3600-1		DAMPER INSTL-SHIMMY	G-P	RF
-1B	273A3600-3		DAMPER INSTL-SHIMMY	Q-V	RF
-5	273A3600-2		DAMPER INSTL-SHIMMY	W-AD	RF
-5A	273A3600-4		DAMPER INSTL-SHIMMY	AE-AK	RF
10	BACB30US7K11H		. BOLT	G-AK	4
15	BACW10BP7ACU		. WASHER	G-AK	4
17	NAS1149E0763R		. WASHER (POST SL 737-SL-32-135) (OPT ITEM 17A)	G-AK	4
-17A	BACW10BP7ACU		. WASHER (POST SL 737-SL-32-135) (OPT ITEM 17)	G-AK	4
20	BACP18BC02A06P		. PIN-COTTER	G-AK	1
25	NAS6704DU25		. BOLT (OPT ITEM 25)	G-P, W- AD	1
-25A	NAS6704DU26		. BOLT (OPT ITEM 25A)	G-P, W- AD	1
-25B	NAS6704DU25		. BOLT	Q-V, AE- AK	1
30	NAS1149E0463R		. WASHER	G-AK	2
35	MS14144L4		. NUT	G-P, W- AD	1
-35A	BACN11N4CD		. NUT (OPT ITEM 35B)	Q-V, AE- AK	1
-35B	MS14144L4		. NUT (OPT ITEM 35A)	Q-V, AE- AK	1
40	161A1215-1		. NUT	G-AK	1
45	161A1217-1		. WASHER ASSY	G-AK	1
50	161A1149-1		. . BUSHING	G-AK	1
55	161A1217-2		. . WASHER	G-AK	1
60	161A1218-1		. SPACER	G-AK	1
65	161A1214-3		. PIN-DAMPER, TORSION LINK APEX	G-AK	1
70	161A1219-1		. SLEEVE	G-AK	1
75	161A1220-1		. SLEEVE-TAPERED	G-AK	1

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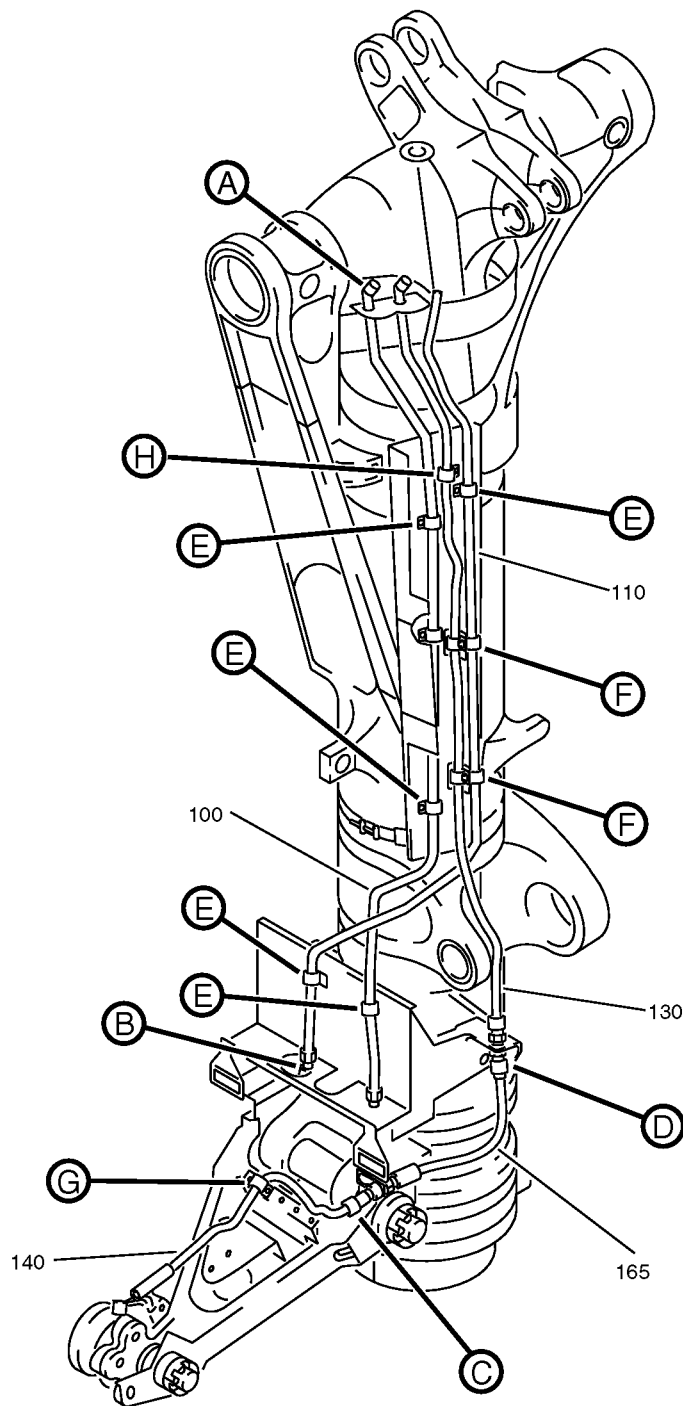
COMPONENT MAINTENANCE MANUAL

FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
2– 80	273A3610-2		. DAMPER ASSY (REFER TO CMM 32-30-62)	G-P, W- AD	1
–80A	273A3610-4		. DAMPER ASSY (REFER TO CMM 32-30-62)	Q-V, AE- AK	1

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Oleo Plumbing Installation
IPL Figure 3 (Sheet 1 of 4)

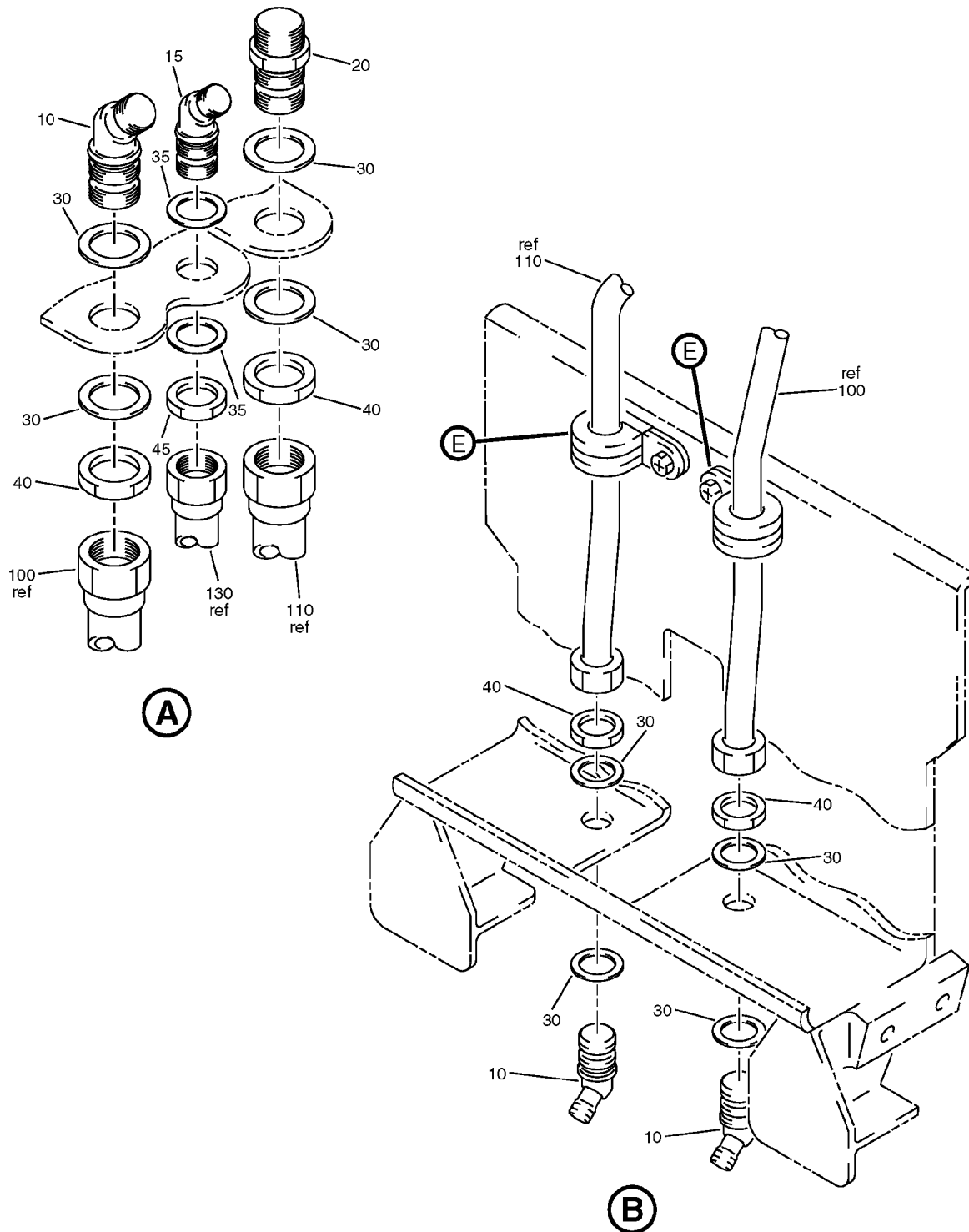
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Oleo Plumbing Installation
IPL Figure 3 (Sheet 2 of 4)

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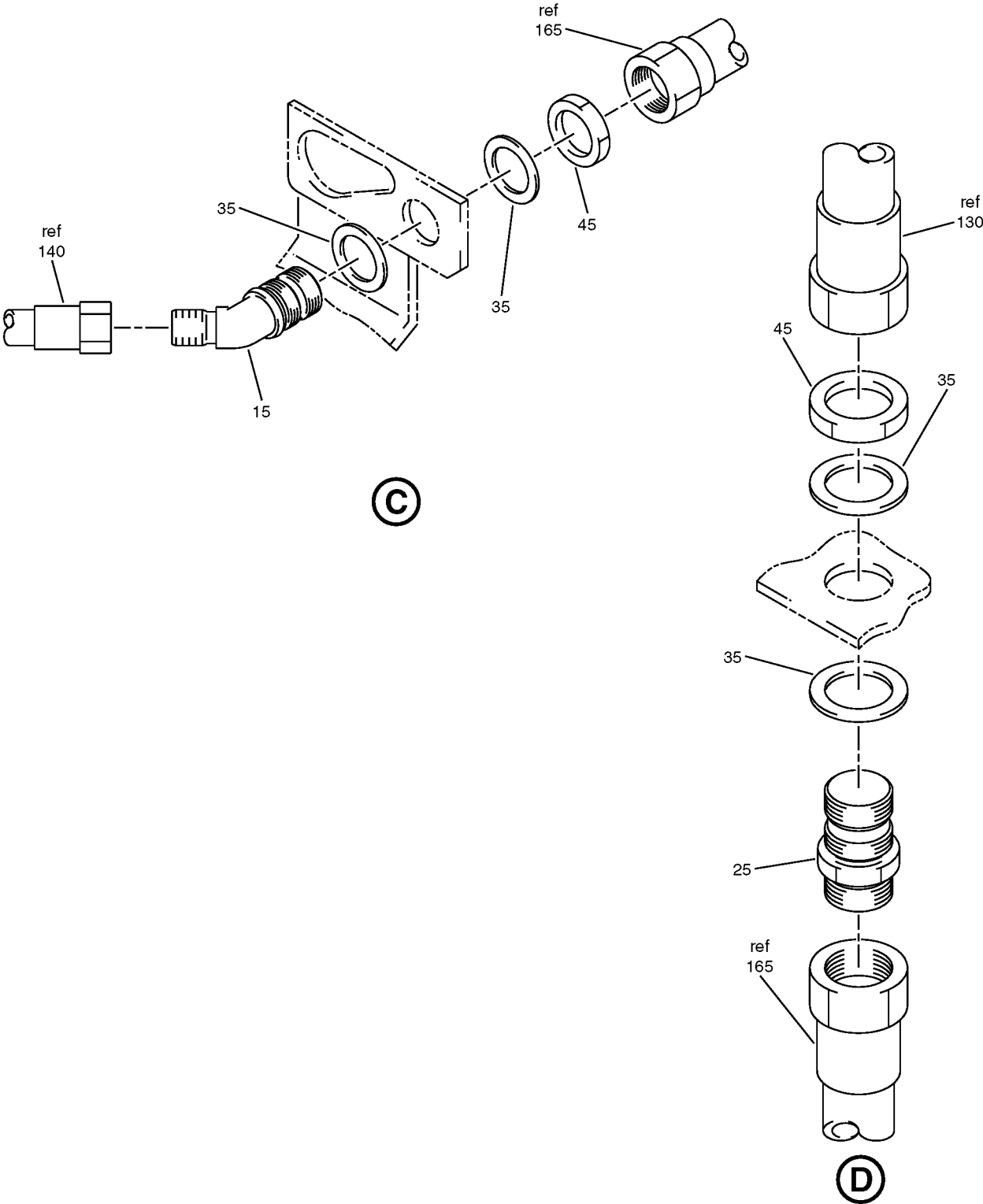
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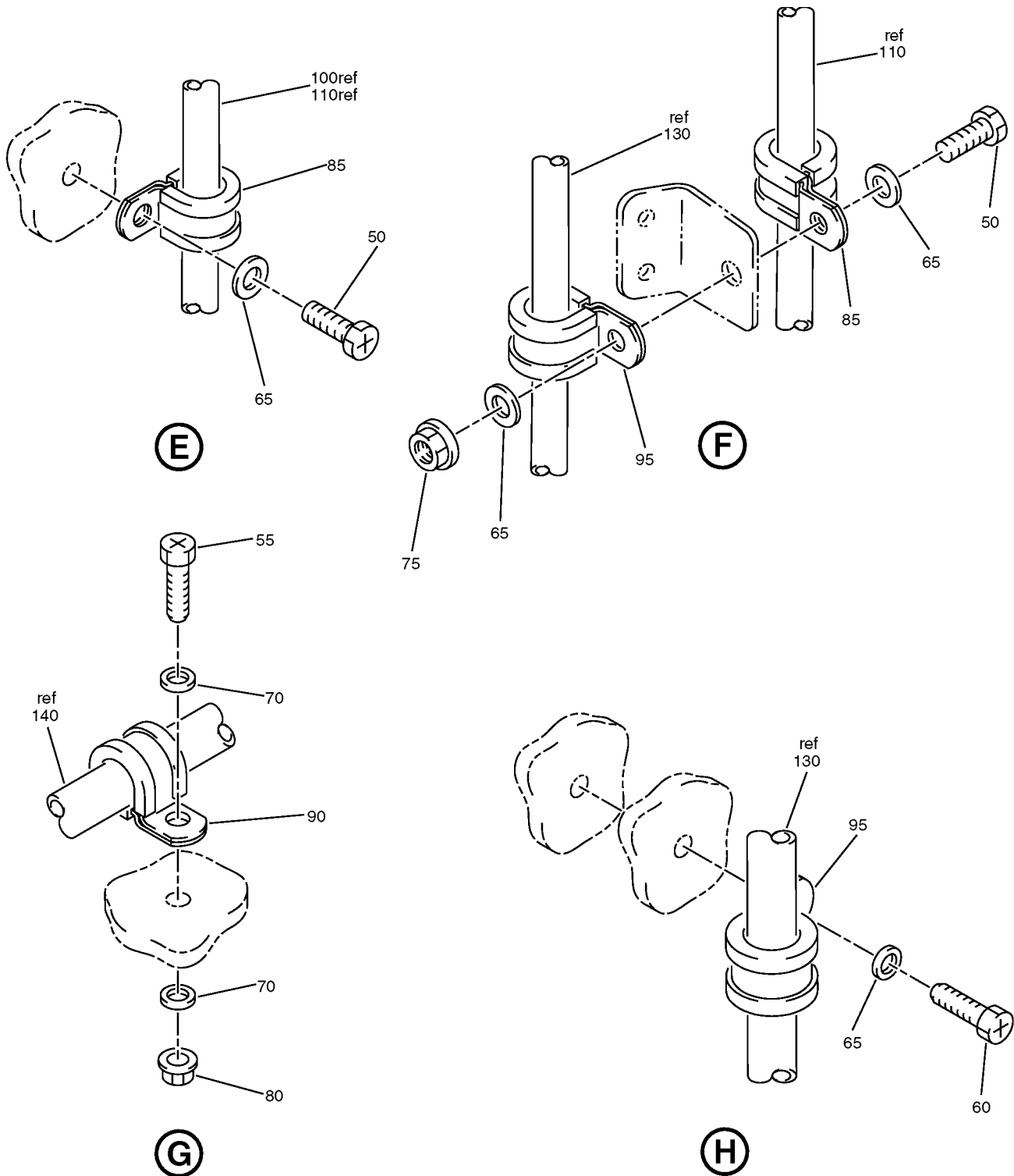


Oleo Plumbing Installation
IPL Figure 3 (Sheet 3 of 4)

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Oleo Plumbing Installation
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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
3-					
-1A	272A6101-7		PLUMBING INSTL-OLEO	G-V	RF
-5	272A6101-8		PLUMBING INSTL-OLEO	W-AK	RF
10	BACE21BM0606J		. ELBOW	G-AK	3
15	BACE21BM0404J		. ELBOW	G-AK	2
20	MS21924-6T		. UNION	G-AK	1
25	MS21924-4T		. UNION	G-AK	1
30	NAS1149D0932J		. WASHER	G-AK	8
35	NAS1149D0763J		. WASHER	G-AK	6
40	AN924-6T		. NUT	G-AK	4
45	AN924-4T		. NUT	G-AK	3
50	BACS12GU3K7		. SCREW	G-AK	8
55	BACS12GU3K7		. SCREW	G-V	1
60	BACS12GU3K8		. SCREW	G-AK	1
65	NAS1149D0316J		. WASHER	G-AK	11
70	NAS1149D0316J		. WASHER	G-V	2
75	PLH53CD		. NUT (V62554) (SPEC BACN10YR3CD) (OPT H52732-3CD (V15653))	G-AK	2
80	PLH53CD		. NUT (V62554) (SPEC BACN10YR3CD) (OPT H52732-3CD (V15653))	G-V	1
85	M85052-2-6		. CLAMP	G-AK	8
90	M85052-2-4		. CLAMP	G-V	1
95	M85052-2-4		. CLAMP	G-AK	3
100	272A6101-103		. TUBE ASSY	G-V	1
-105	272A6101-115		. TUBE ASSY	W-AK	1
110	272A6101-107		. TUBE ASSY	G-V	1
-115	272A6101-108		. TUBE ASSY	W-AK	1

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE							USAGE CODE	UNITS PER ASSY
			1	2	3	4	5	6	7		
3-											
-120	AP2097H06		.	.	SLEEVE					G-AK	2
					(V01673)						
					(SPEC BACS13BX06H)						
					(OPT 2-02903-06H (V11328))						
					(OPT 35235V06 (V08199))						
					(OPT AFP175V06 (V30974))						
					(OPT DB0S13BX06H (V14798))						
-125	BACN10YA6N		.	.	NUT					G-AK	2
130	272A6101-121		.	.	TUBE ASSY					G-V	1
-130A	272A6101-119		.	.	TUBE ASSY					G-V	1
					(POST SB 32-1312)						
-135	272A6101-122		.	.	TUBE ASSY					W-AK	1
-135A	272A6101-120		.	.	TUBE ASSY					G-V	1
					(POST SB 32-1312)						
140	272A6101-111		.	.	TUBE ASSY					G-V	1
-145	272A6101-112		.	.	TUBE ASSY					W-AK	1
-150	AP2097H04		.	.	SLEEVE					G-AK	2
					(V01673)						
					(SPEC BACS13BX04H)						
					(OPT 2-02903-04H (V11328))						
					(OPT 35235V04 (V08199))						
					(OPT AFP175V04 (V30974))						
					(OPT DB0S13BX04H (V14798))						
-155	BACN10YA4		.	.	NUT					G-AK	2
					(USED ON ITEMS 130,135)						
-160	BACN10YA4L		.	.	NUT					G-AK	2
					(USED ON ITEMS 140,145)						
165	AS115-04F0124		.	.	HOSE					G-AK	1

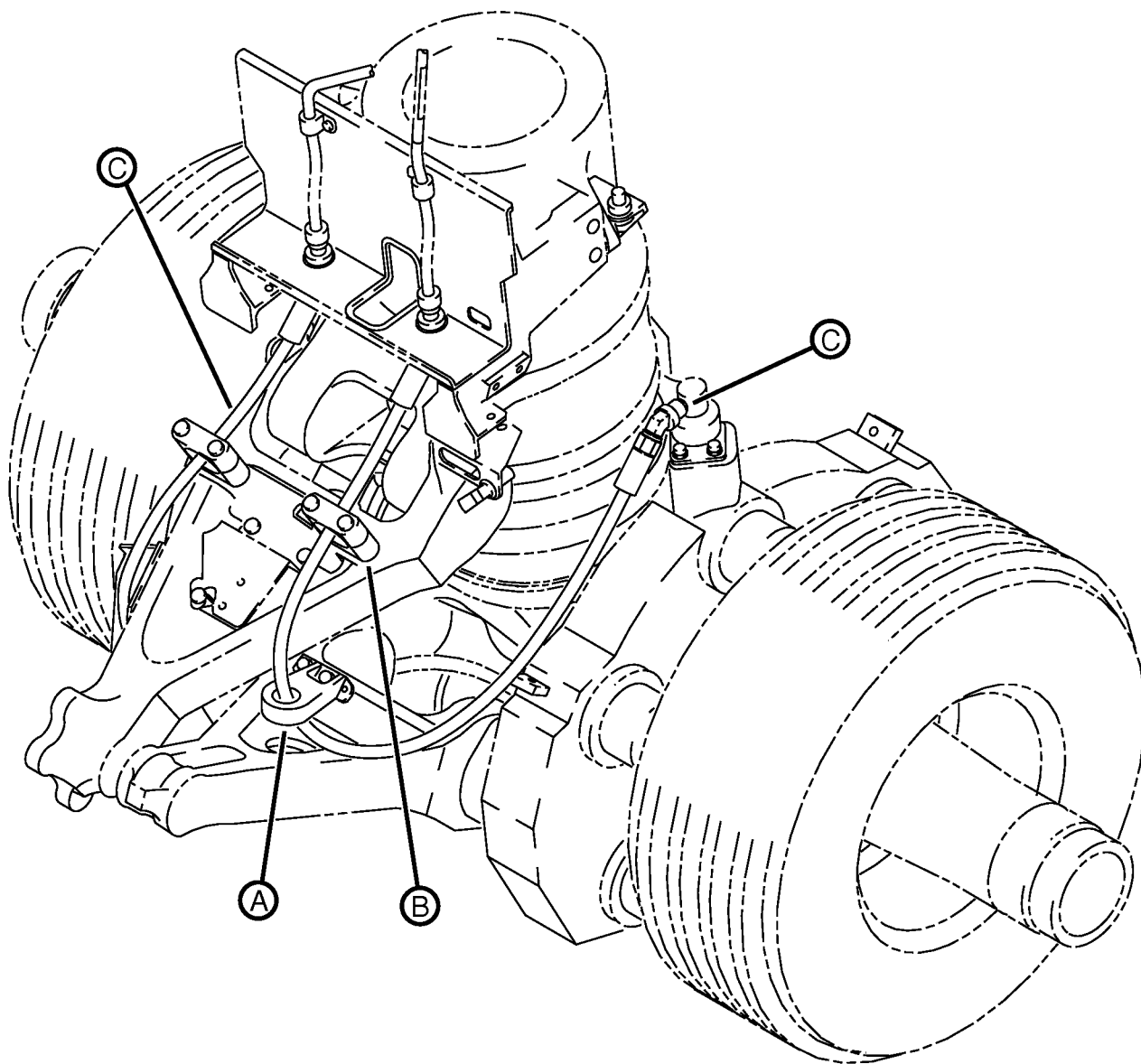
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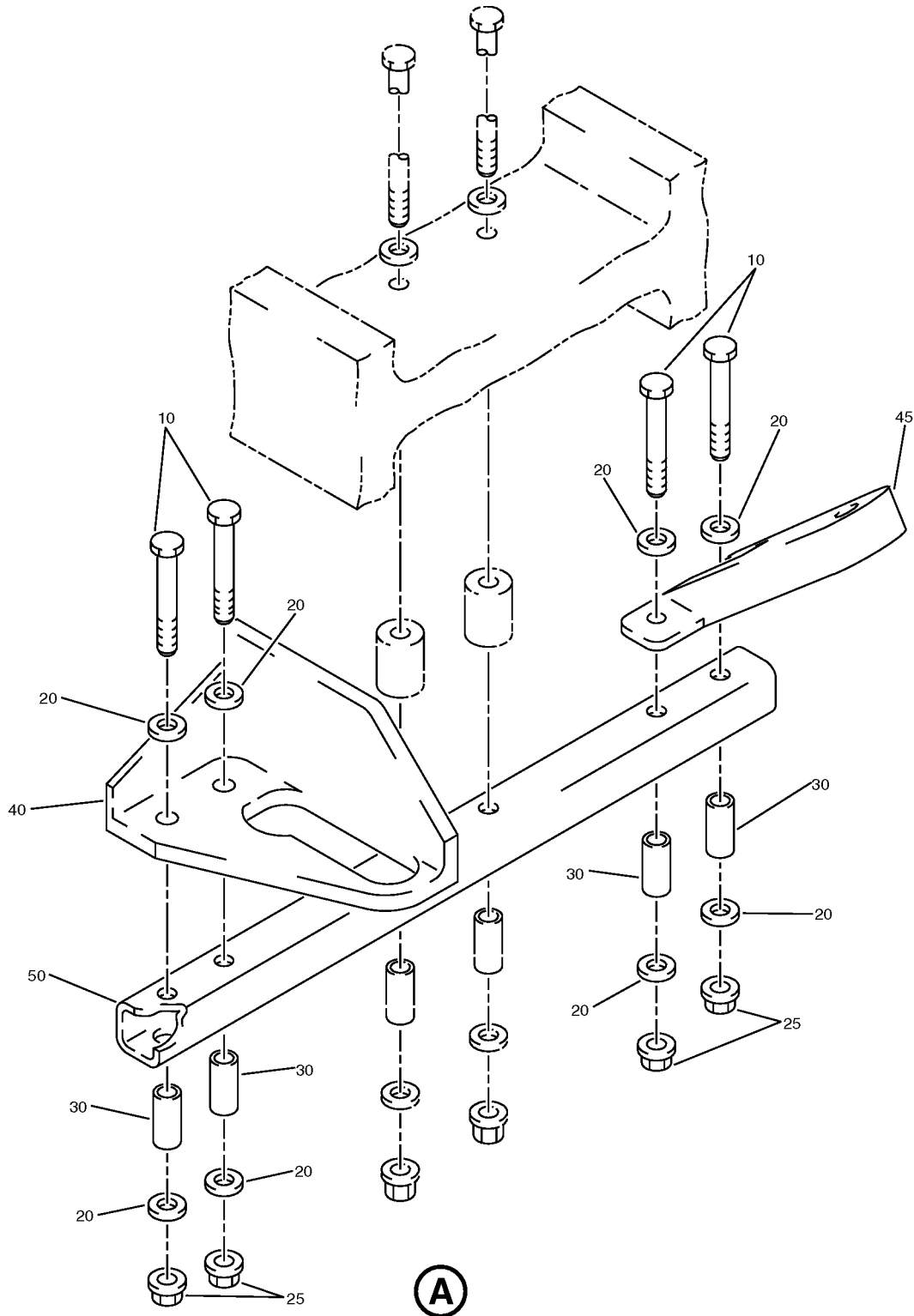
Lower Brake Hose Installation
IPL Figure 4 (Sheet 1 of 4)

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Lower Brake Hose Installation
IPL Figure 4 (Sheet 2 of 4)

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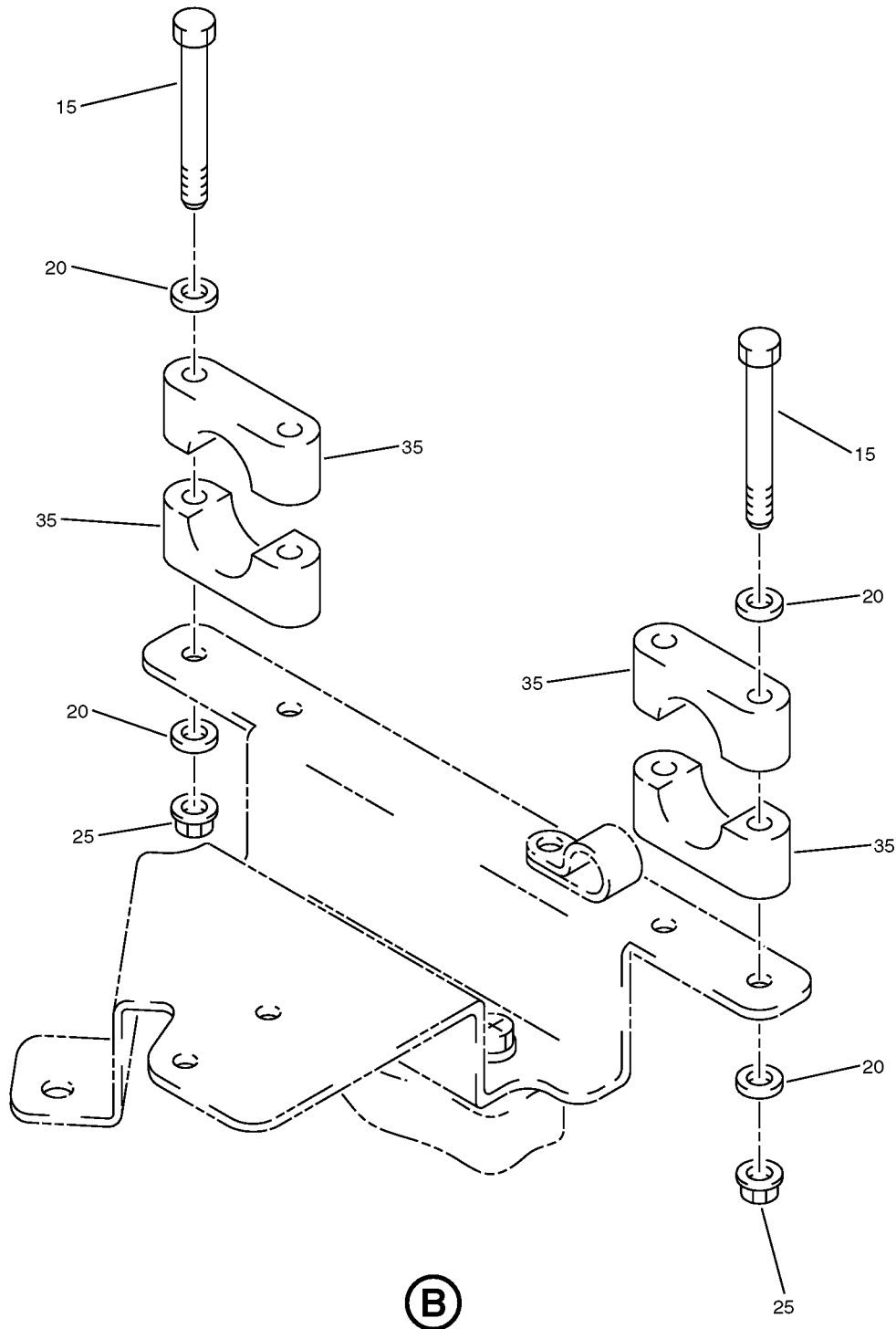
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Lower Brake Hose Installation
IPL Figure 4 (Sheet 3 of 4)

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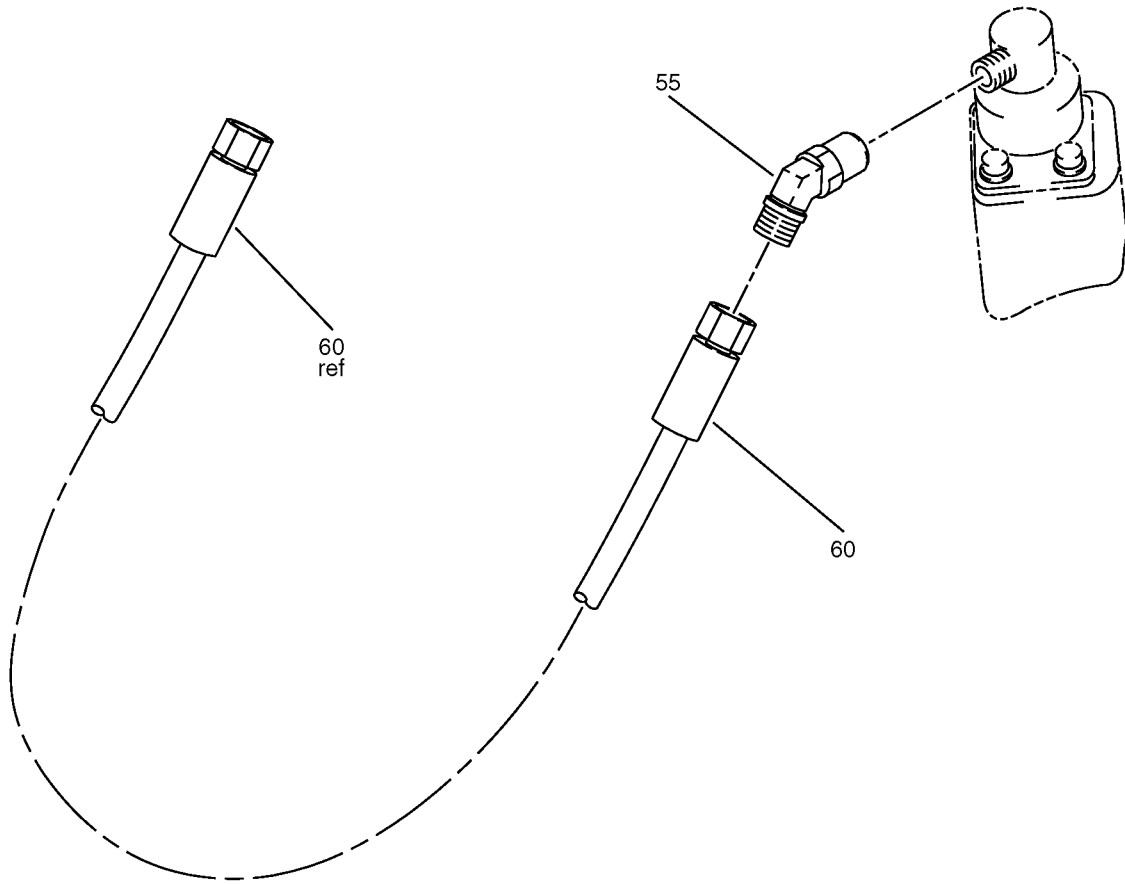
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Lower Brake Hose Installation
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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
4-					
-1A	274A1900-5		HOSE INSTL-LWR BRAKES	G-V	RF
-5	274A1900-6		HOSE INSTL-LWR BRAKES	W-AK	RF
10	BACB30NR4K15		. BOLT	G-AK	4
15	BACB30NR4K31		. BOLT	G-AK	4
20	NAS1149D0432J		. WASHER	G-AK	16
25	PLH54CD		. NUT (V62554) (SPEC BACN10YR4CD) (OPT H52732-4CD (V15653))	G-AK	8
30	NAS43DD4-44FC		. SPACER	G-AK	4
35	287N6115-3		. GUIDE	G-AK	4
40	274A1902-7		. GUIDE	G-AK	1
45	274A1902-3		. GUIDE	G-AK	1
50	274A1901-1		. BRACKET	G-AK	1
55	BACE21BR0606P		. ELBOW	G-AK	2
60	AS154A04EE0320B		. HOSE ASSY (V00624) (SPEC BACH8A04EE0320B) (OPT B472-4EE0320B (V98441)) (OPT 97934A04EE0320B (V78570)) (OPT R291204EE0320B (V50599))	G-AK	2

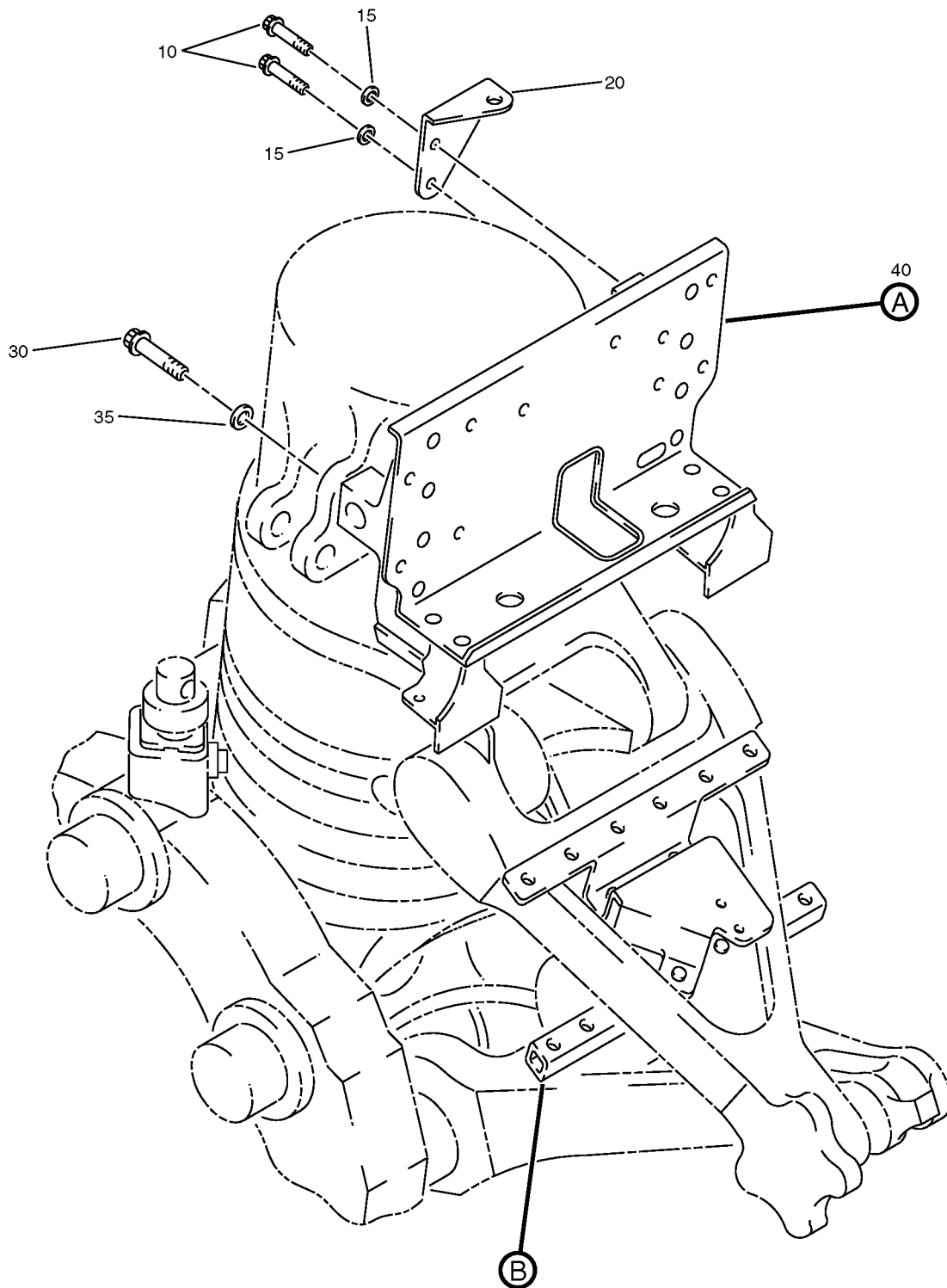
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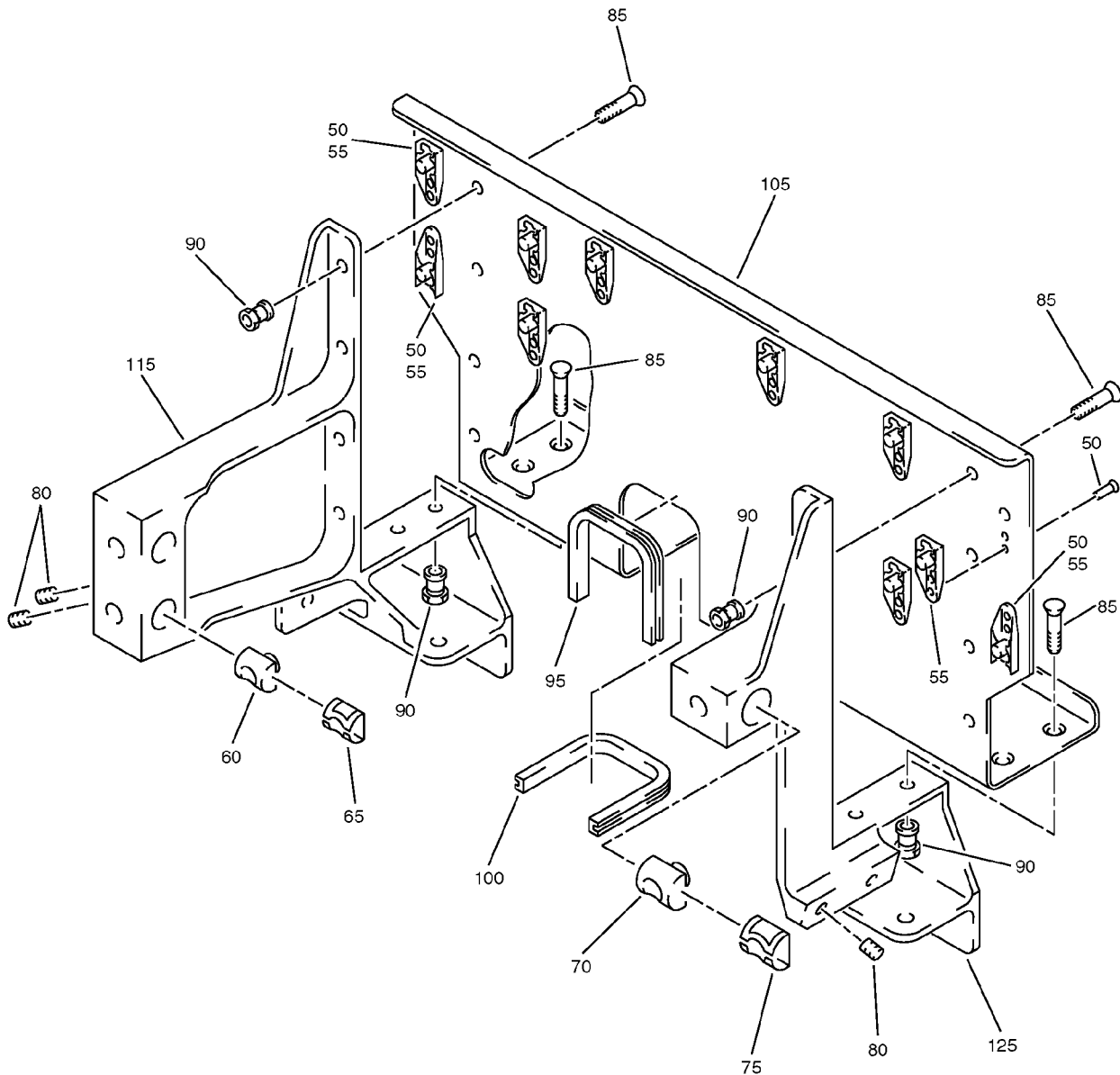
Lower Brake Hose Bracket Installation
IPL Figure 5 (Sheet 1 of 3)

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COMPONENT MAINTENANCE MANUAL**(A)**

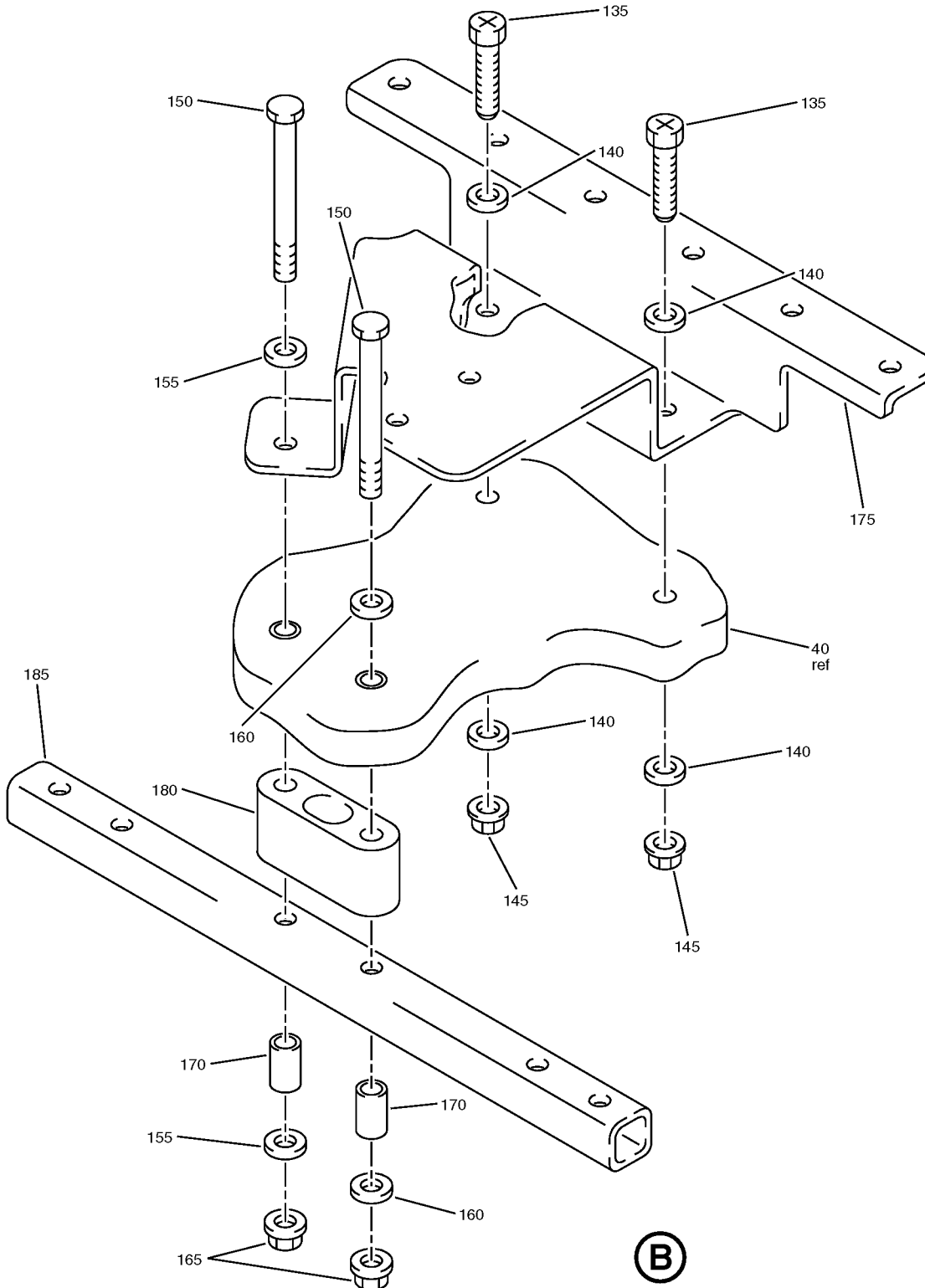
Lower Brake Hose Bracket Installation
IPL Figure 5 (Sheet 2 of 3)

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Lower Brake Hose Bracket Installation
IPL Figure 5 (Sheet 3 of 3)

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
5-					
-1A	274A1910-1		BRACKET INSTL-LWR BRAKE HOSE	G-V	RF
-1B	274A1910-3		BRACKET INSTL-LWR BRAKE HOSE	G-V	RF
-5	274A1910-4		BRACKET INSTL-LWR BRAKE HOSE	W-AK	RF
10	BACB30US4K16		. BOLT	G-AK	2
15	BACW10BP4CD		. WASHER	G-AK	2
20	274A1945-1		. BRACKET	G-V	1
-25	274A1945-2		. BRACKET	W-AK	1
30	BACB30US6K16		. BOLT	G-AK	1
35	274A1914-1		. WASHER	G-AK	1
40	274A1911-1		. BRACKET ASSY	G-V	1
-45	274A1911-2		. BRACKET ASSY	W-AK	1
50	BACR15BA3ADC		. . RIVET (SIZE DETERMINED ON INST)	G-AK	20
55	BRF100C3D		. . NUTPLATE (V52828) (SPEC BACN10KB3CFD) (OPT NS202478-02 (V80539)) (OPT 102F9207P3 (V72962)) (OPT F51604-3 (V15653))	G-AK	10
60	SL4113-4CDBAC		. . NUT (V97393) (SPEC BACN10ZC4CD) (OPT 102B13171-4 (V72962)) (OPT 92834-428CD (V56878))	G-AK	2
65	SLR4001-4AC		. . RETAINER (V97393) (SPEC BACR10AL4AC) (OPT SLR50-4AC (V97393))	G-AK	2
70	SL4113-6CDBAC		. . NUT (V97393) (SPEC BACN10ZC6CD) (OPT 102B13171-6 (V72962)) (OPT 92834-624CD (V56878))	G-AK	1
75	BACR10AL6AC		. . RETAINER	G-AK	1
80	MS21209F1-15P		. . INSERT	G-AK	4
85	BACB30VU5K		. . BOLT (SIZE DETERMINED ON INST)	G-AK	12

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FIG/ ITEM	PART NUMBER	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USAGE CODE	UNITS PER ASSY
5- 90	HST79CY5		. . COLLAR (V73197) (SPEC BACC30BL5) (OPT HST79-5 (V92215)) (OPT HST79CY5 (V56878)) (OPT HST79CY5 (V5M902))	G-AK	12
95	BACG20ZB000484		. . GROMMET	G-AK	1
100	BACG20ZB000535		. . GROMMET	G-AK	1
105	274A1913-1		. . BRACKET	G-V	1
-110	274A1913-2		. . BRACKET	W-AK	1
115	274A1912-3		. . FITTING	G-V	1
-120	274A1912-4		. . FITTING	W-AK	1
125	274A1912-1		. . FITTING	G-V	1
-130	274A1912-2		. . FITTING	W-AK	1
135	BACS12GU4K16		. BOLT	G-AK	2
140	NAS1149D0432J		. WASHER	G-AK	4
145	PLH54CD		. NUT (V62554) (SPEC BACN10YR4CD) (OPT H52732-4CD (V15653))	G-AK	2
150	BACB30NR4K35		. BOLT	G-AK	2
155	NAS1149D0432J		. WASHER	G-AK	2
160	NAS1149D0463J		. WASHER	G-AK	2
165	PLH54CD		. NUT (V62554) (SPEC BACN10YR4CD) (OPT H52732-4CD (V15653))	G-AK	2
170	NAS43DD4-44FC		. SPACER	G-AK	2
175	274A1913-3		. BRACKET	G-AK	1
180	274A1903-1		. SPACER	G-AK	1
185	274A1901-1		. BRACKET	G-AK	1

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