

 **BOEING**
COMPONENT
MAINTENANCE MANUAL

TO: ALL HOLDERS OF ENTRY DOOR ESCAPE SLIDE PACKBOARD ASSEMBLY COMPONENT
MAINTENANCE MANUAL 25-66-11

REVISION NO. 22 DATED JUL 01/03

HIGHLIGHTS

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

CHAPTER/SECTION

AND PAGE NO.

REPAIR-GEN

602

DESCRIPTION OF CHANGE

Added Fluorglas 2812-6 as an optional protective tape.

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HIGHLIGHTS

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ENTRY DOOR ESCAPE SLIDE/RAFT PACKBOARD ASSEMBLY

PART NUMBERS 416T2003-14,-15,-25,-26,-29,-30
416T4010-1,-3,-4,-5,-7,-8

COMPONENT MAINTENANCE MANUAL
WITH
ILLUSTRATED PARTS LIST

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TITLE PAGE

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REVISION RECORD

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

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TEMPORARY REVISION AND SERVICE BULLETIN RECORD

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TR & SB RECORD

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INTRODUCTION

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

This manual is divided into separate sections:

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

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

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

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

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

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

Verification:

Assembly	7-15-83
Disassembly	7-15-83

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INTRODUCTION

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ENTRY DOOR ESCAPE SLIDE PACKBOARD ASSEMBLY

DESCRIPTION AND OPERATION

1. Description

A. The entry door escape slide packboard assembly is composed of a rigid graphite-fiber-composite honeycomb box with a fabric cover, an upper support fitting, two lower fittings, a release bar, quadrants, a pawl, a cam and a shaft.

2. Operation

A. At emergency movement of the entry door upward, the release bar pulls a cable from the lower fittings, which rotates the quadrants, releases the pawl, and releases the pack cover. As the pack deploys, the cam on the lower release mechanism rotates the shaft, releasing the six straps attached at the bottom of the cover.

3. Leading Particulars (approximate)

Length -- 39 inches
Width -- 37 inches
Height -- 11 inches
Weight -- 22 pounds

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DESCRIPTION & OPERATION

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DISASSEMBLY

NOTE: Disassemble this component only as necessary to complete fault isolation, determine the serviceability of parts, perform required repairs, and restore the unit to serviceable condition. Refer to IPL Fig. 1 or Fig. 2 for item numbers.

1. Remove cover assembly (45B, 122B, IPL Fig. 1; 30, IPL Fig. 2) from shell assembly by rotating shaft assembly (620A, IPL Fig. 1; 619, IPL Fig. 2) and undoing lacing (47C, 123, 124, 125, IPL Fig. 1; 48, 51, 54, IPL Fig. 2).

NOTE: Do not disassemble cover assembly unless replacement of bonded or sewed parts are necessary.

2. Remove upper support assembly (200A, IPL Fig. 1; 466, 469, 472, IPL Fig. 2) by removing screw (205, IPL Fig. 1; 454, IPL Fig. 2), washer (210, IPL Fig. 1; 457, IPL Fig. 2), shim (215, IPL Fig. 1; 463, IPL Fig. 2), and nut (220, IPL Fig. 1; 460, IPL Fig. 2).

NOTE: Note thickness of shim (215, IPL Fig. 1; 463, IPL Fig. 2) for reference during assembly.

3. Remove bushing (245, IPL Fig. 1; 481, IPL Fig. 2) and roller (255, IPL Fig. 1; 484, IPL Fig. 2) by removing bolt (240A, IPL Fig. 1; 475, IPL Fig. 2) and washer (250, IPL Fig. 1; 478, IPL Fig. 2).
4. Remove button (225, IPL Fig. 1; 493, IPL Fig. 2) by removing spacer (235, IPL Fig. 1; 490, IPL Fig. 2) and screw (230, IPL Fig. 1; 487, IPL Fig. 2).
5. Remove insert (262, 263, IPL Fig. 1; 505, 508, IPL Fig. 2) if replacement is required.
6. Disconnect connector rod (640, IPL Fig. 1; 613, IPL Fig. 2) from shaft assembly (620A, IPL Fig. 1; 619, IPL Fig. 2) by removing pin (580, IPL Fig. 1; 571, IPL Fig. 2).
7. Separate links (570, IPL Fig. 1; 616, IPL Fig. 2) from hinge (575, IPL Fig. 1; 637, IPL Fig. 2), link (615B, IPL Fig. 1; 610, IPL Fig. 2) and connector rod (640, IPL Fig. 1; 613, IPL Fig. 2) by removing cotter pins (315, IPL Fig. 1; 577, IPL Fig. 2), and pins (295A, 305C, IPL Fig. 1; 574A, 583A, IPL Fig. 2)
8. Separate link (610C, IPL Fig. 1; 604, IPL Fig. 2) from hinge (575, IPL Fig. 1; 637, IPL Fig. 2) and link (615B, IPL Fig. 1; 610, IPL Fig. 2) by removing cotter pin (315, IPL Fig. 1; 577, IPL Fig. 2), washer (300, IPL Fig. 1; 589, IPL Fig. 2), pin (290A, IPL Fig. 1; 580A, IPL Fig. 2), and pin (580 IPL Fig. 1; 571, IPL Fig. 2).

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9. Remove hinge (575, IPL Fig. 1; 637, IPL Fig. 2) and cam block (585, IPL Fig. 1; 607, IPL Fig. 2) from shell assembly (195G, IPL Fig. 1; 559, IPL Fig. 2) by removing screws (275A, IPL Fig. 1; 550, IPL Fig. 2), washers (280, IPL Fig. 1; 553, IPL Fig. 2), and nuts (285, IPL Fig. 1; 556, IPL Fig. 2).
10. Remove mechanism assembly from shell assembly (195G, IPL Fig.1; 559, IPL Fig. 2) by removing bolts (265, 325, 380A, IPL Fig. 1; 262A, 265A, 517, IPL Fig. 2), washers (280, 385, IPL Fig. 1; 268, 523, IPL Fig. 2), and nuts (285, 390, IPL Fig. 1; 271, 274, 529, IPL Fig. 2).

CAUTION: BODY ASSEMBLY (450B, 455B, IPL FIG. 1; 337, 340, IPL FIG. 2) AND END PLATE ASSEMBLY (425, 430, IPL FIG. 1; 322, 325, IPL FIG. 2) ARE MATCHED PARTS AND MUST BE KEPT TOGETHER AS A SET TO ENSURE PROPER OPERATION AFTER ASSEMBLY.

11. Separate end plate assembly (425, 430, IPL Fig. 1; 322, 325, IPL Fig. 2) from body assembly (450B, 455B, IPL Fig. 1; 337, 340, IPL Fig. 2) by removing bolt (395A, IPL Fig. 1; 289, Fig. 2), screws (410A, IPL Fig. 1; 298, IPL Fig. 2), washers (400, 415, IPL Fig. 1; 292, 301, IPL Fig. 2), and spacer (405, IPL Fig. 1; 295, IPL Fig. 2).

NOTE: Note thickness of spacers (405, IPL Fig. 1; 295, IPL Fig. 2) for reference during assembly.

12. Remove spring (535, IPL Fig. 1; 400, IPL Fig. 2) from quadrant assembly (540B, IPL Fig. 1; 412, IPL Fig. 2).
13. Remove pawl assembly (555A, IPL Fig. 1; 424, IPL Fig. 2), stop arm assembly (500, IPL Fig. 1; 382, IPL Fig. 2), and quadrant assembly (540B, IPL Fig. 1; 412, IPL Fig. 2) from body assembly (450B, 455B, IPL Fig. 1; 337, 340, IPL Fig. 2).
14. Remove detent (525A, Fig. 1; 394, IPL Fig. 2), fillers (537, IPL Fig. 1; 403, IPL Fig. 2), and spring (530A, IPL Fig. 1; 397, IPL Fig. 2) from body assembly (490B, 495B, IPL Fig. 1; 355, 358, IPL Fig. 2).

NOTE: Note combination of fillers and number of fillers used for reference during assembly.

Do not disassemble bumper (417A, IPL Fig. 1; 304, IPL Fig. 2), unless replacement is required.

15. Remove stop arm assembly (500, IPL Fig. 1; 382, IPL Fig. 2) from body assembly (490B, 495B, IPL Fig. 1; 355, 358, IPL Fig. 2).

NOTE: Do not separate roller (510, IPL Fig. 1; 385, IPL Fig. 2) from stop arm (520, IPL Fig. 1; 391, IPL Fig. 2), unless replacement of roller (510, IPL Fig. 1; 385, IPL Fig. 2) is required.

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16. Remove plate (289, IPL Fig. 1; 535, IPL Fig. 2) and strap (288A, IPL Fig. 1; 532, IPL Fig. 2) from shell assembly by removing bolts (286, IPL Fig. 1; 514, IPL Fig. 2), washers (287, 287G, IPL Fig. 1; 523, 526, IPL Fig. 2), and nut (287N, IPL Fig. 1; 529, IPL Fig. 2).

17. Remove lower channel assembly (320, IPL Fig. 1; 640, IPL Fig. 2) by removing bolts (265A, 325, IPL Fig. 1; 544, 547, IPL Fig. 2) screws (270, IPL Fig. 1; 514, 517, IPL Fig. 2), washers (280, IPL Fig. 1; 523, IPL Fig. 2), and nuts (285, IPL Fig. 1; 529, IPL Fig. 2).

NOTE: Do not separate angle (340, IPL Fig. 1; 652, IPL Fig. 2) from channel (345, IPL Fig. 1; 655, IPL Fig. 2), unless replacement is necessary.

18. Remove shaft assembly (620A, IPL Fig. 1; 619, IPL Fig. 2) from channel assembly (320; IPL Fig. 1; 640, IPL Fig. 2) by removing screws (350, IPL Fig. 1; 511, IPL Fig. 2), washers (355, IPL Fig. 1; 523, IPL Fig. 2), pad (365, IPL Fig. 1; 538, IPL Fig. 2), and blocks (360A, IPL Fig. 1; 541, IPL Fig. 2).

19. Do not remove protective tape from side channel assembly (5, 10, IPL Fig. 1; 3, 6, IPL Fig. 2).

NOTE: Do not disassemble side channel assembly (5, 10, IPL Fig. 1; 3, 6, IPL Fig. 2) and release bar (190, IPL Fig. 1; 439, IPL Fig. 2), unless repair or replacement is necessary.

20. Remove locator bracket (705, IPL Fig. 1; 235, IPL Fig. 2) from shell assembly (195G, IPL Fig. 1; 559, IPL Fig. 2) by removing bolts (690, IPL Fig. 1; 220, IPL Fig. 2), washers (695, IPL Fig. 1; 223, IPL Fig. 2), filler (229A, IPL Fig. 2) and nuts (700, IPL Fig. 1; 226, IPL Fig. 2).

21. Remove block assembly (645, IPL Fig. 1; 250, IPL Fig. 2) from shell assembly (195G, IPL Fig. 1; 559, IPL Fig. 2) by removing bolts (650, 655, IPL Fig. 1; 238, 241, IPL Fig. 2), washers (660, IPL Fig. 1; 244, IPL Fig. 2), and nuts (665, IPL Fig. 1; 247, IPL Fig. 2).

NOTE: Do not remove bumper strips (680, 685, IPL Fig. 1; 232, 233, IPL Fig. 2), unless replacement is required.

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CHECK

NOTE: Refer to IPL Fig. 1 or Fig. 2 for item numbers.

1. Do a visual check for any obvious damage on all visible parts according to standard industry practices. Do the magnetic particle check or penetrant check if the visual check shows possible damage on the parts listed.
2. Magnetic particle check per 20-20-01, if visual examination discloses defects -- Roller (255, IPL Fig. 1; 484, IPL Fig. 2), hinge links (610C, 615B, IPL Fig. 1; 604, 610, IPL Fig. 2), connector (635, IPL Fig. 1; 628, IPL Fig. 2), rod connector (640, IPL Fig. 1; 613, IPL Fig. 2), stop arm (520, IPL Fig. 1; 391, IPL Fig. 2), pin (515, IPL Fig. 1; 388, IPL Fig. 2), quadrant (550A, IPL Fig. 1; 418, IPL Fig. 2), pawl (565A, IPL Fig. 1; 436, IPL Fig. 2), bushing (245, IPL Fig. 1; 481, IPL Fig. 2).
3. Penetrant check per 20-20-02, if visual examination discloses defects -- Fitting assembly (260A, IPL Fig. 1; 496, 499, 502, IPL Fig. 2), hinge (575, IPL Fig. 1; 637, IPL Fig. 2) cam block (585, IPL Fig. 1; 607, IPL Fig. 2) detent (525A, IPL Fig. 1; 394, IPL Fig. 2).
4. Check honeycomb and bonded parts for evidence of delamination, internal moisture, scratches, and contour defects.
 - A. Tap surface of honeycomb or bonded structure lightly with coin or plastic rod. Go over entire surface. Normal structure will produce a solid sound; delaminated areas will produce a dull, hollow sound; and areas containing moisture will produce a dull, solid sound.
 - B. Examine areas suspected of containing moisture radiographically to determine extent of damage.
 - C. Examine edges of panel carefully for cuts and abrasions. Delamination starts very easily from damage to an edge-member of honeycomb panel.
 - D. Refer to 767 Structural Repair Manual, 51-70-03, for typical repair information.
5. Check for corrosion on pins (305C, 580, IPL Fig. 1; 571, 574A, IPL Fig. 2), hinge links (610C, 615B, IPL Fig. 1; 604, 610, IPL Fig. 2) and connecting rods (640, IPL Fig. 1; 613, IPL Fig. 2) per SB 25A0071.

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CHECK

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WARNING: YOU MUST REPLACE THE BUTTON (225, IPL FIG. 1; 493, IPL FIG. 2) IF WORN. WORN BUTTON MAY CAUSE NON-DEPLOYMENT OF THE SLIDE/RAFT.

6. Check the button (225, IPL Fig. 1; 493, IPL Fig. 2) for any wear.
7. Check the pawl assembly (555A, IPL Fig. 1; 424, IPL Fig. 2) for any pin (560A, IPL Fig. 1; 433, IPL Fig. 2) movement.

NOTE: See Fig. 501 for the replace-diameter.

- A. Apply torque to the hex recess in the pin (560A, IPL Fig. 1; 433, IPL Fig. 2).
- B. The pin (560A, IPL Fig. 1; 433, IPL Fig. 2) must withstand the torque up to 80 pound-inches without rotating relative to the pawl (565A, IPL Fig. 1; 436, IPL Fig. 2).

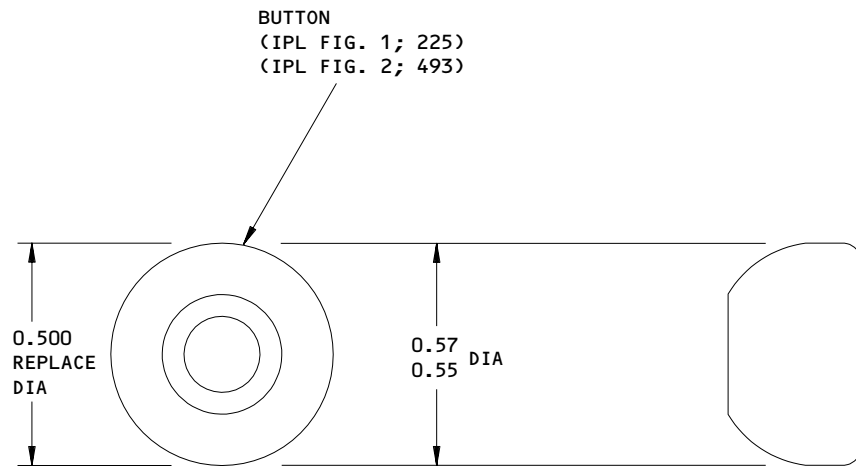
NOTE: Pawl assemblies (555A, IPL Fig. 1; 424, IPL Fig. 2) that can withstand a torque of 80 pound-inches without pin (560A, IPL Fig. 1; 433, IPL Fig. 2) rotation are acceptable for use.

- C. If pawl assembly (555A, IPL Fig. 1; 424, IPL Fig. 2) displays any pin (560A, IPL Fig. 1; 433, IPL Fig. 2) rotation in the 0-80 pound-inches range, then the pin must be repaired (refer to REPAIR 10-1 for PAWL ASSEMBLY REPAIR).

NOTE: Inspection of the new pawl assembly (556, IPL Fig. 1; 427, IPL Fig. 2) is not required. The pawl assembly (555A, IPL Fig. 1; 427, IPL Fig. 2) that has been inspected that withstands a torque of 80 pound-inches also does not require repair.

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ALL DIMENSIONS ARE IN INCHES

416T2159-4
Button
Figure 501

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REPAIR – GENERAL

1. Content

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

<u>P/N</u>	<u>NAME</u>	<u>REPAIR</u>
416T2003 416T4010	PACKBOARD ASSEMBLY	1-1
416T2157-3,-4	END PLATE ASSEMBLY	2-1
416T2157-15,-16	LOWER FITTING ASSEMBLY	3-1
416T2157-17,-18	BODY ASSEMBLY	4-1
416T2189-107, -157,-401,-403, -404,-405,-407, -408	COVER ASSEMBLY	5-1
416T2189-109,-122, -127,-128,-147, -148,-159	COVER ASSEMBLY	6-1
416T2174	STOP ARM ASSEMBLY	7-1
416T2141	SIDE CHANNEL ASSEMBLY	8-1
- - -	MISCELLANEOUS PARTS	9-1
416T2176	PAWL ASSEMBLY	10-1

2. Standard Practices

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

- 20-10-01 Repair and Refinish of High Strength Steel Parts
- 20-30-03 General Cleaning Procedures
- 20-41-01 Decoding Table for Boeing Finish Codes
- 20-42-05 Bright Cadmium Plating
- 20-43-01 Chromic Acid Anodizing
- 20-50-03 Bearing Removal, Installation and Retention
- 20-50-08 Application of Dry Lubricant
- 20-50-09 Installation of Protective Grommets
- 20-50-12 Application of Adhesives

3. Materials

NOTE: Equivalent substitutes can be used.

- A. Adhesive -- Types 60 and 82 (Ref 20-50-12)
- B. Fabric -- S/3954 or S/3113 (Ref 20-60-04)
- C. Lubricant, dry film -- BMS 3-8 (Ref 20-60-03)
- D. Primer -- BMS 10-11, type 1 (Ref 20-60-02)
- E. Sealant -- BMS 5-95 (Ref 20-60-04)
- F. Tape, velcro hook - V-200-1(80)-100-0199, V83014
- G. Tape, velcro pile -- V-200-3-100-0199, V83014
- H. Thread -- Nylon, V-T-295, type 1, class 1, size E, any convenient source
- I. Tape, protective -- Permacel 95 or Fluorglas 2812-6 (Ref 20-60-04)
- J. Webbing, nylon -- MIL-W-4088, type 2, color natural or white

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4. Dimensioning Symbols

A. Standard True Position Dimensioning Symbols used in applicable repair procedures are shown in Fig. 601.

—	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)	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	OR	
\odot	CONCENTRICITY	DIM	
\equiv	SYMMETRY	-A-	DATUM
\sphericalangle	ANGULARITY	\textcircled{M}	MAXIMUM MATERIAL CONDITION (MMC)
\nearrow	RUNOUT	\textcircled{L}	LEAST MATERIAL CONDITION (LMC)
\nearrow	TOTAL RUNOUT	\textcircled{S}	REGARDLESS OF FEATURE SIZE (RFS)
\sqsubset	COUNTERBORE OR SPOTFACE	\textcircled{P}	PROJECTED TOLERANCE ZONE
∇	COUNTERSINK	FIM	FULL INDICATOR MOVEMENT

EXAMPLES

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

(NOTE THAT $\boxed{\triangle \quad A \quad 0.020}$ MAY ALSO APPEAR AS $\boxed{\triangle \quad 0.020 \quad A}$)

True Position Dimensioning Symbols
Figure 601

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REPAIR-GENERAL

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PACKBOARD ASSEMBLY - REPAIR 1-1

416T2003-14, -15, -25, -26, -29, -30
416T4010-1, -3, -4, -5, -7, -8

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

Refer to IPL Fig. 1, 2 for item numbers.

1. Bumper Strip Replacement (Fig. 601)

- A. Remove damaged bumper strips (680, 685, IPL, Fig. 1; 232, 233, IPL Fig. 2).
- B. Bond bumper strips (680, 685, IPL Fig. 1; 232, 233, IPL Fig. 2) on shell assembly (195G, IPL Fig. 1; 268, IPL Fig. 2) per 20-50-12, type 60. Locate bumper strips as shown.

25-66-11

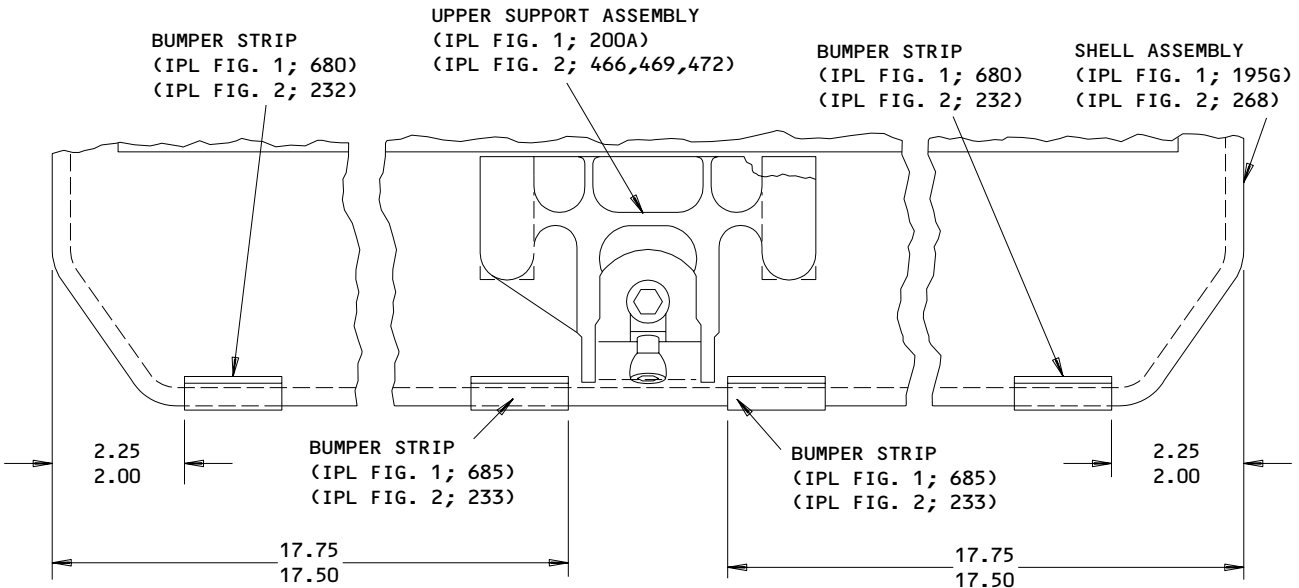
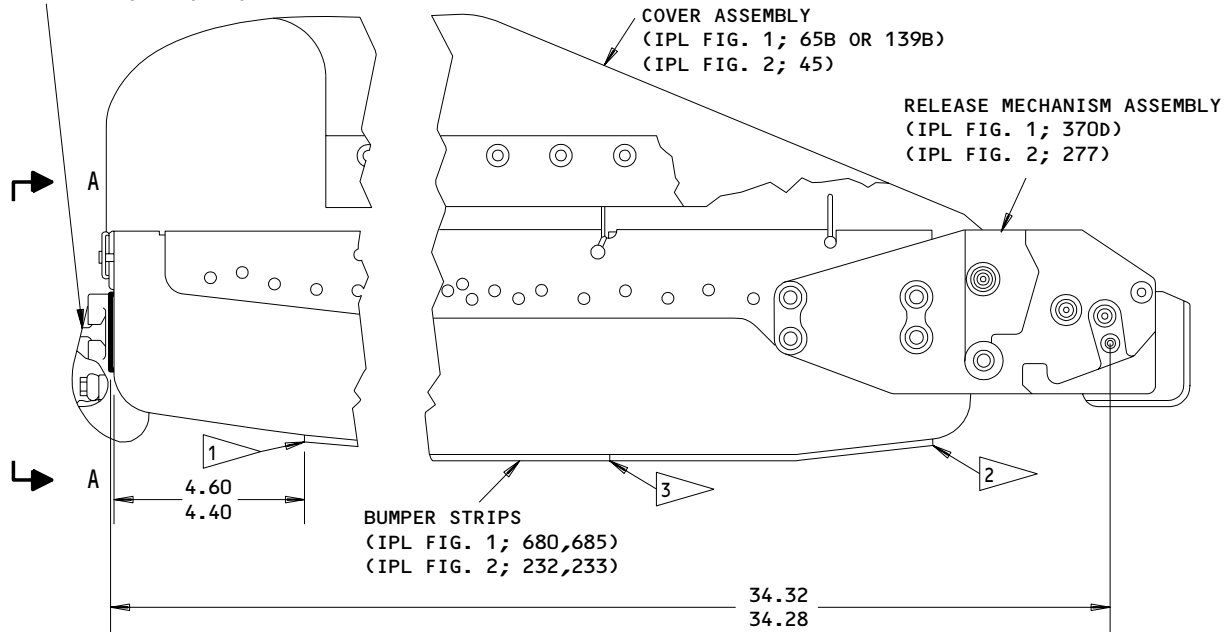
REPAIR 1-1

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UPPER SUPPORT ASSEMBLY
 (IPL FIG. 1; 200)
 (IPL FIG. 2; 466,469,472)



- 1 END OF BUMPER STRIPS (IPL FIG. 1; 680,685)
 (IPL FIG. 2; 232,233)
- 2 END OF BUMPER STRIP (IPL FIG. 1; 680)
 (IPL FIG. 2; 232)
- 3 END OF BUMPER STRIP (IPL FIG. 1; 685)
 (IPL FIG. 2; 233)

ALL DIMENSIONS ARE IN INCHES

416T2003-14,-15,-25,-26,-29,-30
 416T4010-1,-3,-4,-5,-7,-8
 Bumper Strip Replacement
 Figure 601

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REPAIR 1-1

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END PLATE ASSEMBLY – REPAIR 2-1

416T2157-3, -4

CAUTION: BODY ASSEMBLY (450B, 455B, IPL FIG. 1; 337, 340, IPL FIG. 2) AND END PLATE ASSEMBLY (425, 430, IPL FIG. 1; 322, 325, IPL FIG. 2) ARE MATCHED PARTS AND MUST BE KEPT TOGETHER AS A SET TO ENSURE PROPER OPERATION AFTER ASSEMBLY.

NOTE: Refer to REPAIR – GENERAL for a list of applicable standard practices. See Fig. 1 for item numbers.

1. Bushing Replacement

- A. Remove bushings (435, IPL Fig. 1; 328, IPL Fig. 2).
- B. Install bushings (435, IPL Fig. 1; 328, IPL Fig. 2) per 20-50-03 using wet BMS 5-95 sealant.
- C. Apply a fillet seal around flanges of bushings using BMS 5-95 sealant.

2. Refinish

- A. End plate (440, 445, IPL Fig. 1; 331, 334, IPL Fig. 2) -- Chromic acid anodize and apply BMS 10-11, type 1 primer (F-18.13) all over. Material: Aluminum alloy.

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REPAIR 2-1

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LOWER FITTING ASSEMBLY – REPAIR 3-1

416T2157-15, -16

NOTE: Refer to REPAIR – GENERAL for a list of applicable standard practices.
Refer to IPL Fig. 1 for item numbers.

1. Bumper Replacement

- A. Remove nut (422, IPL Fig. 1; 319, IPL Fig. 2), washers (419, 421, IPL Fig. 1; 310, 316, IPL Fig. 2), spacer (420A, IPL Fig. 1; 313, IPL Fig. 2), and screw (418, IPL Fig. 1; 307A, IPL Fig. 2).
- B. Remove bumper (417A, IPL Fig. 1; 304, IPL Fig. 2).
- C. Bond new bumper (417A, IPL Fig. 1; 304, IPL Fig. 2) on body assembly (450B, 455B, IPL Fig. 1; 337, 340, IPL Fig. 2) per 20-50-12, type 60.
- D. Install screw (418, IPL Fig. 1; 307A, IPL Fig. 2), spacer (420A, IPL Fig. 1; 313, IPL Fig. 2), washers (419, 421, IPL Fig. 1; 310, 316, IPL Fig. 2), and nut (422, IPL Fig. 1; 319, IPL Fig. 2).

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REPAIR 3-1

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BODY ASSEMBLY – REPAIR 4-1

416T2157-17, -18

CAUTION: BODY ASSEMBLY (450B, 455B, IPL FIG. 1) AND END PLATE ASSEMBLY (425, 430, IPL FIG. 1; 322, 325, IPL FIG. 2) ARE MATCHED PARTS AND MUST BE KEPT TOGETHER AS A SET TO ENSURE PROPER OPERATION AFTER ASSEMBLY.

NOTE: Refer to REPAIR – GENERAL for a list of applicable standard practices. Refer to IPL Fig. 1 for item numbers.

1. Bushing Replacement

- A. Remove bushing (485, IPL Fig. 1; 352, IPL Fig. 2).
- B. Install new bushing (485A, IPL Fig. 1; 352, IPL Fig. 2) per 20-50-03 using wet BMS 5-95 sealant.
- C. Fillet seal around flanges of bushings using BMS 5-95 sealant.

2. Refinish

- A. Body assembly (490B, 495B, IPL Fig. 1; 355, 358, IPL Fig. 2) -- Chromic acid or sulfuric acid anodize (F-17.05). Apply two coats BMS 10-11, type 1 primer (F-20.03) all over. Material: Aluminum alloy.

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REPAIR 4-1

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COVER ASSEMBLY – REPAIR 5-1

416T2189-107, -157, -401, -403, -404, -405, -407, -408

NOTE: Refer to REPAIR – GENERAL for a list of applicable standard practices.
Refer to IPL Fig. 1, 2 for item numbers.

1. Repair of Punctures and Tears

- A. Repair punctures and tears in cloth with a patch of S/3954 or S/3113 fabric to the underside of the damaged fabric. Bond the patch per 20-50-12, type 82, or sew in place with standard industry practices, with nylon thread.

2. Replacement of Defective Strap

- A. Prepare new straps (173, IPL Fig. 1; 177, IPL Fig. 2) per Fig. 601 out of nylon webbing stock 1.0 inch by 19.5 inches.
- B. Remove the old strap. Install the new strap. Bond the strap to the cover per 20-50-12, type 82. Sew the strap onto the cover with nylon thread, approximately seven stitches to the inch. Overlap the new stitching across the cover with the old stitching to secure the old stitching (approximately 1 inch either end of the strap).

3. Replacement of Defective Grommets

- A. Replace defective grommets (53, 55, 69, 71, 75N, 75T, 128, 129, 141, 142, 147, 148, 153, 154, 159, 160, IPL Fig. 1; 63, 66, 102, 105, 117, 120, 132, 135, 147, 150, IPL Fig. 2) using standard industry practices.

4. Replacement of Cover Assembly (122B, IPL Fig. 1; 30, IPL Fig. 2)

- A. Remove the rivets (40, IPL Fig. 1; 24, IPL Fig. 2) to remove the old cover assembly (122B, IPL Fig. 1; 30, IPL Fig. 2).

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REPAIR 5-1

01.1

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- B. Install the new cover assembly (122B, IPL Fig. 1; 30, IPL Fig. 2).
- (1) Align the new cover (122B, IPL Fig. 1; 30, IPL Fig. 2) on the shell assembly (195G, IPL Fig. 1; 559, IPL Fig. 2).
 - (2) Use the shell assembly (195G, IPL Fig. 1; 559, IPL Fig. 2) as a guide to locate the new holes.

NOTE: The rivets or bolts can be oversize up to 0.0312 inches.

- (3) Install the rivets (40, IPL Fig. 1; 24, IPL Fig. 2) and washers (42, IPL Fig. 1; 27, IPL Fig. 2), or use bolts BACB30LH2K10 with washers (42, IPL Fig. 1; 27, IPL Fig. 2) and nuts BACNJC08CD, with wet BMS 10-11 primer in the hole and the countersink as shown in Fig. 602.
- (4) Use the squeeze-method to install the rivets (40, IPL Fig. 1; 24, IPL Fig. 2). Micro-shave the rivet heads if it is necessary.

CAUTION: DO NOT BUCK THE RIVETS.

- (5) Apply 15-20 pounds-inch of torque onto the BACN10JC08CD nuts or apply 18-22 pound-inches of torque to the head of the BACB30LH2K10 bolts as shown in SOPM 20-50-01.

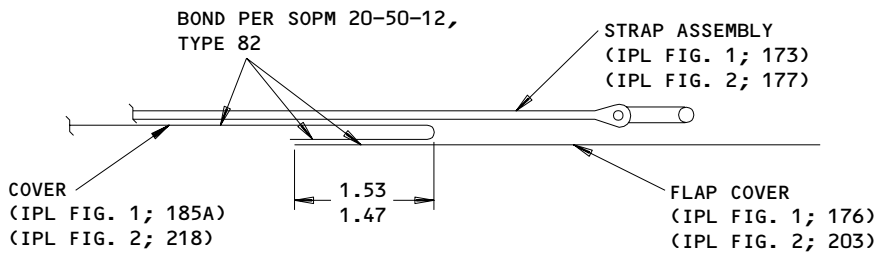
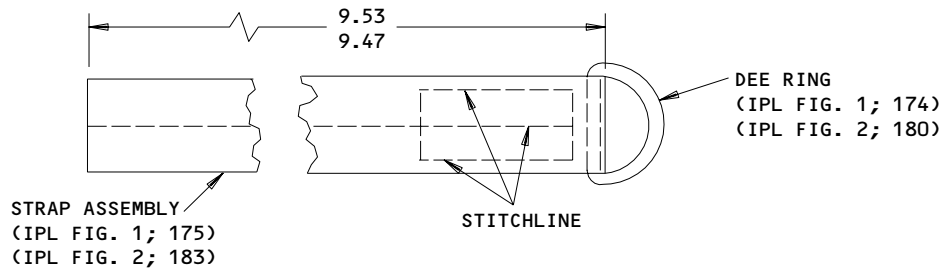
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REPAIR 5-1

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ALL DIMENSIONS ARE IN INCHES

416T2189-73
Strap Assembly Preparation
Figure 601

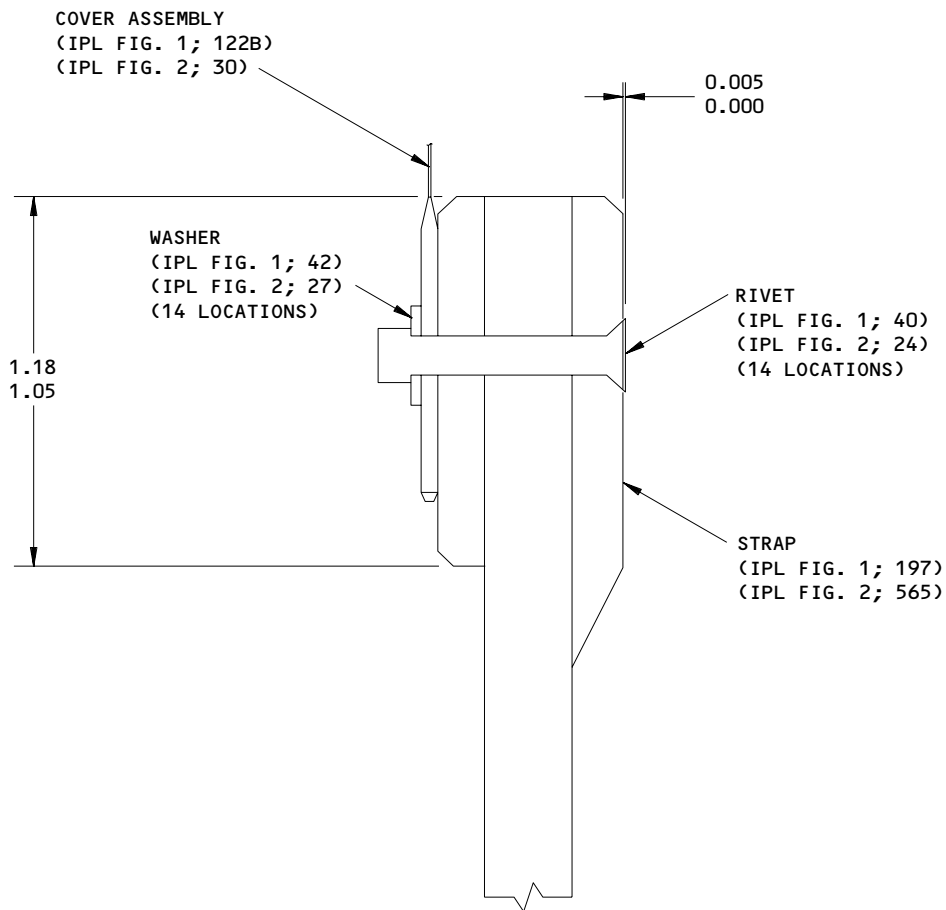
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REPAIR 5-1

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ALL DIMENSIONS ARE IN INCHES

416T2189-107,-157,-401,-403,-404,-405,-407,-408
 Cover Assembly Replacement
 Figure 602

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REPAIR 5-1
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COVER ASSEMBLY – REPAIR 6-1

416T2189-109, -122, -127, -128, -147, -148, -159

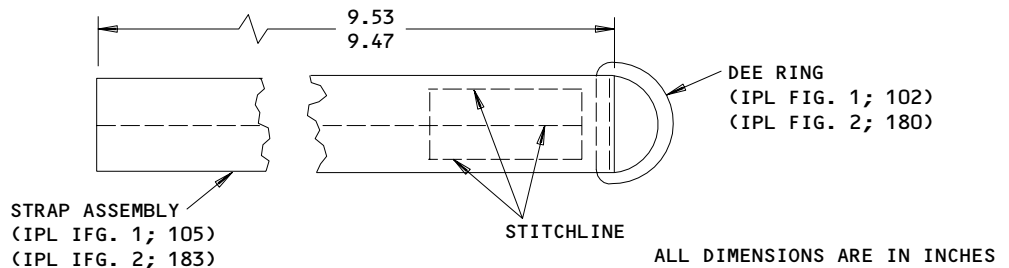
NOTE: Refer to REPAIR – GENERAL for a list of applicable standard practices.
Refer to IPL Fig. 1 for item numbers.

1. Repair of Punctures and Tears

- A. Repair punctures and tears in cloth with a patch of S/3954 or S/3113 fabric to the underside of the damaged fabric. Bond the patch per 20-50-12, type 82, or sew in place with standard industry practices, with nylon thread.

2. Replacement of Defective Straps

- A. Prepare new straps (62, 97, 99, 106, IPL Fig. 1; 177, IPL Fig. 2) per Fig. 601, 602 and 604 out of 1.0 inch wide nylon webbing stock, same length as old ones.
- B. Remove the old straps. Install the new straps. Bond the straps to the cover per 20-50-12, type 82. Sew the strap onto the cover with nylon thread, approximately seven stitches to the inch. Overlap the new stitching across the cover with the old stitching to secure the old stitching (approximately 1 inch either end of the strap).



416T2189-73,-125
Strap Assembly Preparation
Figure 601

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REPAIR 6-1

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3. Replacement of Defective Velcro Strap (89, 90, IPL Fig. 1) (Fig. 603)
- A. Prepare a strap (89, 90, IPL Fig. 1) per Fig. 603 out of nylon webbing stock 1.0 inch by 20.0 inches. Cut new hook velcro patches, 1.0 inch by 1.0 inch, from hook and pile velcro tapes.
 - B. Remove the old strap. Install the new strap. Sew the strap onto cover (120, IPL Fig. 1) with nylon thread, approximately seven stitches to the inch.

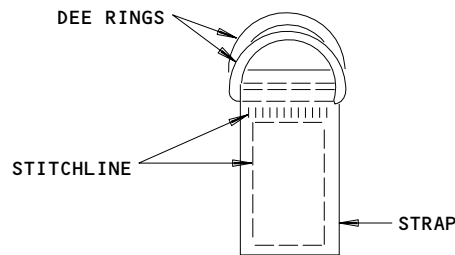
25-66-11

REPAIR 6-1

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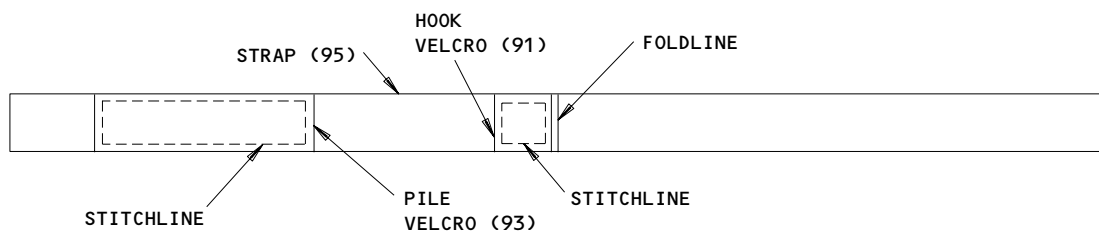
416T2189	IPL FIG. 1		IPL FIG. 2	
	-88	-126	-73	
STRAP ASSEMBLY	97,97B	97A,97C	106	177
DEE RINGS	101	101	106J	180
STRAP	103	103A	106S	183

416T2189-73,-88,-126
Strap Assembly Preparation
Figure 602

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REPAIR 6-1
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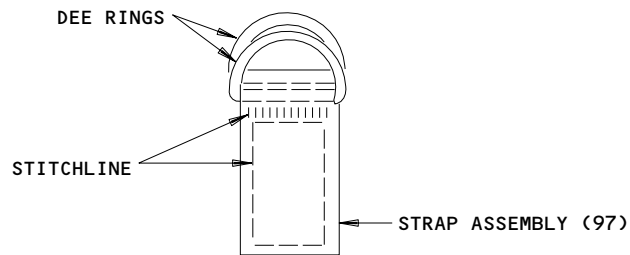
ITEM NUMBERS REFER TO IPL FIG. 1

416T2189-89
Strap Assembly Preparation
Figure 603

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REPAIR 6-1
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416T2189	-88	-126	
STRAP ASSEMBLY	97,97B	97A	106
DEE RINGS	101	101	106J
STRAP	103	103A	106S

ITEM NUMBERS REFER TO IPL FIG. 2

416T2189-88,-126
Strap Assembly Preparation
Figure 604

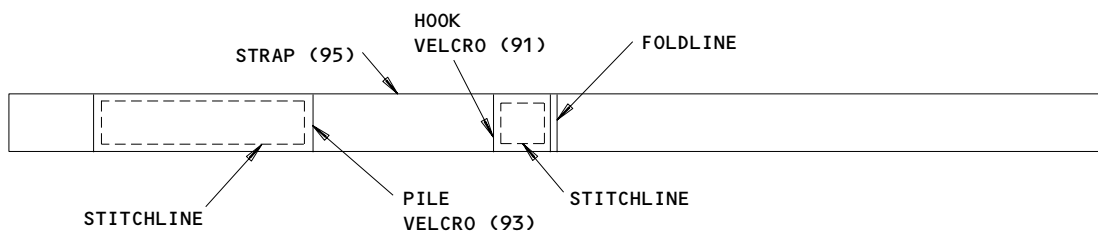
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ITEM NUMBERS REFER TO IPL FIG. 2

416T2189-89
Strap Assembly Preparation
Figure 605

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REPAIR 6-1

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4. Replacement of Defective Grommets

A. Replace defective grommets using standard industry practices.

5. Identification Markings (416T2189-127, -128, 147, 148, -403, -404, -407, -408 covers only)

A. Solvent clean cover surfaces where marking repairs are needed.

B. Restore markings noted in par. C on cover assemblies (49B, 49C, IPL Fig. 1; 30, 30C, IPL Fig. 2) and main cover (120, IPL Fig. 1; 96A, IPL Fig. 2) with black enamel BMS 10-60, type 2 (no primer is required). Locate stenciling 0.80-0.90 from lacing strip assembly (51, IPL Fig. 1; 99A, IPL Fig. 2) on top cover, and 2.95-3.05 inches from lacing strip assembly (67, IPL Fig. 1; 60A, IPL Fig. 2) on main cover.

C. Mark right-hand cover assembly (45G, IPL Fig. 1; 30B, 30E, IPL Fig. 2) "INSTALL AT DOOR 2 RH ONLY".

D. Mark left-hand cover assembly (45F, IPL Fig. 1; 30A, 30D, IPL Fig. 2) "INSTALL AT DOOR 2 LH ONLY". Mark right-hand cover assembly (45G) "INSTALL AT DOOR 2 RH ONLY".

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REPAIR 6-1

01.1

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STOP ARM ASSEMBLY – REPAIR 7-1

416T2174-1

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

1. Roller Replacement

- A. Remove roller (510, IPL Fig. 1; 385, IPL Fig. 2) from stop arm (520, IPL Fig. 1; 391, IPL Fig. 2) by removing pin (515, IPL Fig. 1; 388, IPL Fig. 2).
- B. Install new roller (510, IPL Fig. 1; 385, IPL Fig. 2) on stop arm (520, IPL Fig. 1; 391, IPL Fig. 2) by press fitting pin (515, IPL Fig. 1; 388, IPL Fig. 2) through stop arm (520, IPL Fig. 1; 391, IPL Fig. 2) and roller (510, IPL Fig. 1; 385, IPL Fig. 2). Ensure that ends of pin (515, IPL Fig. 1; 388, IPL Fig. 2) protrudes equally from both side of stop arm (520, IPL Fig. 1; 391, IPL Fig. 2).

2. Refinish

- A. Roller (510, IPL Fig. 1; 385, IPL Fig. 2), pin (515, IPL Fig. 1; 388, IPL Fig. 2), and stop arm (520, IPL Fig. 1; 391, IPL Fig. 2) -- Passivate (F-17.09).

3. Material

- A. Roller (510, IPL Fig. 1; 385, IPL Fig. 2) -- 15-5PH CRES, 125-145 ksi
- B. Pin (515, IPL Fig. 1; 388, IPL Fig. 2) -- 15-5PH CRES, 180-200 ksi
- C. Stop arm (520, IPL Fig. 1; 391, IPL Fig. 2) -- 17-4PH or 15-5PH CRES, 150-170 ksi

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REPAIR 7-1

01.1

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SIDE CHANNEL ASSEMBLY – REPAIR 8-1

416T2141-1, -2

NOTE: Refer to REPAIR-GEN for list of applicable standard practices. Refer to IPL Fig. 1 for item numbers.

1. Channel Assembly Replacement

A. Remove protective tape from side channel assembly (5, 10, IPL Fig. 1; 3, 6, IPL Fig. 2) and shell assembly (195G, IPL Fig. 1; 559, 568, IPL Fig. 2)

CAUTION: EXERCISE EXTREME CARE WHEN REMOVING RIVETS (15, IPL FIG. 1; 9, IPL FIG. 2) TO AVOID DAMAGE TO SHELL ASSEMBLY (195G, IPL FIG. 1; 559, 568, IPL FIG. 2).

B. Remove side channel assembly (5, 10, IPL Fig. 1; 3, 6, IPL Fig. 2) and release bar (190, IPL Fig. 1; 439, IPL Fig. 2) from shell assembly (195G, IPL Fig. 1; 559, 568, IPL Fig. 2) by drilling out rivets (15, IPL Fig. 1; 9, IPL Fig. 2).

C. Insert release bar (190, IPL Fig. 1; 439, IPL Fig. 2) inside new side channel assembly (5, 10, IPL Fig. 1; 3, 6, IPL Fig. 2). Apply wet BMS 10-11, type 1 primer to all areas of rivet holes and immediately install rivets (15, IPL Fig. 1; 9, IPL Fig. 2) using an approved squeezing method. Do not buck rivets. Microshave rivet heads flush with side channel assembly.

D. Apply protective tape per Fig. 601.

2. Refinish

A. Channel (30, 35, IPL Fig. 1; 18, 21, IPL Fig. 2) -- Chemical treat and apply one coat BMS 10-11, type 1 primer (F-18.06). Material: Al alloy.

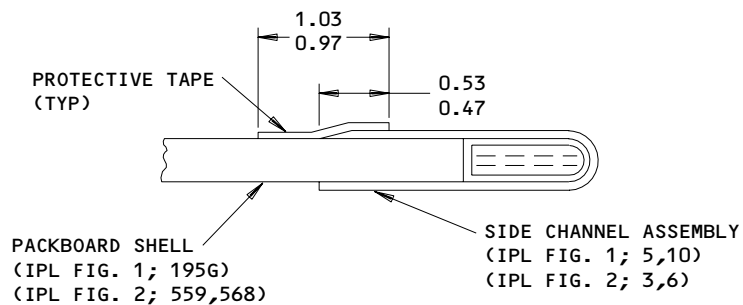
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REPAIR 8-1

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ALL DIMENSIONS ARE IN INCHES

Protective Tape Installation
Figure 601

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MISCELLANEOUS PARTS - REPAIR 9-1

1. Repair of parts listed in Fig. 601 consists of restoration of original finish. Refer to REPAIR-GEN for list of applicable standard practices.

IPL FIG. & ITEM	MATERIAL	FINISH
<u>Fig. 1</u>		
Wedge block (20)	15-5PH CRES, 125-145 ksi	Cadmium plate (F-15.06).
Channel (345), angle (340)	Al alloy	Chemical treat and apply BMS 10-11, type 1 primer (F-18.06) all over.
Dee ring (62J,101, 102,174), pivot pin (595), spacer pin (600), pin (625)	321 CRES	Passivate (F-17.09).
Release bar (190), end plate (440, 445)	Al alloy	Chromic acid anodize and apply BMS 10-11, type 1 primer (F-18.13) all over.
Bushing (245), roller (255)	15-5PH CRES, 125-145 ksi	Passivate (F-17.09). Apply dry film lubricant BMS 3-8 per Fig. 602.
Fitting assy (260A), detent (525A)	Al alloy	Chromic acid or sulfuric acid anodize (F-17.05). Apply BMS 10-11, type 1 primer (F-20.03) all over.
Washer (400), pin (545A,560A), connector (640)	15-5PH CRES, 125-145 ksi	Passivate (F-17.09).
Connector link (570)	15-5PH CRES	Cadmium plate (F-15.06)

Refinish Details
Figure 601 (Sheet 1)

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IPL FIG. & ITEM	MATERIAL	FINISH
Hinge (575), cam block (585)	Al alloy	Sulfuric acid hard anodize (F-17.06). Apply one coat BMS 10-11, type 1 primer (F-20.02) all over, except omit primer from indicated areas of hinge (575), as shown in Fig. 603.
Pin (580)	15-5PH CRES, 150-170 ksi	Passivate (F-17.09).
Cam assy (590A)	321 CRES	Passivate (F-17.09). Cadmium plate (F-15.06) all over.
Quadrant (550B), pawl (565A), connector (635)	17-4PH or 15-5PH CRES, 150-170 ksi	Passivate (F-17.09).
Hinge link (610C, 615B)	17-4PH or 15-5PH CRES, 150-170 ksi	Cadmium plate (F-15.06) all over.

Refinish Details
 Figure 601 (Sheet 2)

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REPAIR 9-1

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IPL FIG. & ITEM	MATERIAL	FINISH
<u>Fig. 2</u>		
Wedge block (12)	15-5PH CRES, 125-145 ksi	Cadmium plate (F-15.06).
Channel (655), angle (652)	Al alloy	Chemical treat and apply BMS 10-11, type 1 primer (F-18.06) all over.
Dee ring (180), pivot pin (595), spacer pin (598), pin (622)	321 CRES	Passivate (F-17.09).
Release bar (439), end plate (331, 334)	Al alloy	Chromic acid anodize and apply BMS 10-11, type 1 primer (F-18.13) all over.
Bushing (481), roller (493)	15-5PH CRES, 125-145 ksi	Passivate (F-17.09). Apply dry film lubricant BMS 3-8 per Fig. 602.
Fitting assy (496,499,502), detent (394)	Al alloy	Boric acid or sulfuric acid anodize (F-17.31). Apply BMS 10-11, type 1 primer (F-20.02) all over.
Washer (292), pin (415,433), connector (613)	15-5PH CRES, 125-145 ksi	Passivate (F-17.09).
Connector link (616)	15-5PH CRES	Cadmium plate (F-15.06)

Refinish Details
Figure 601 (Sheet 3)

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REPAIR 9-1

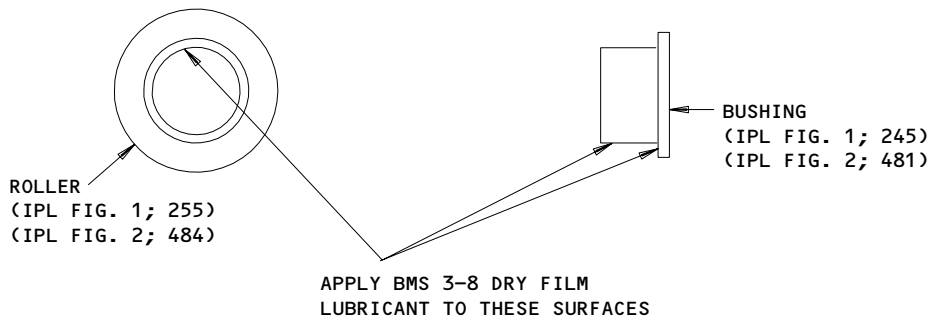
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IPL FIG. & ITEM	MATERIAL	FINISH
Hinge (637), cam block (607)	Al alloy	Sulfuric acid hard anodize (F-17.06). Apply one coat BMS 10-11, type 1 primer (F-20.02) all over, except omit primer from indicated areas of hinge (575), as shown in Fig. 603.
Pin (571)	15-5PH CRES, 150-170 ksi	Passivate (F-17.09).
Cam assy (592)	321 CRES	Passivate (F-17.09). Cadmium plate (F-15.06) all over.
Quadrant (418A), pawl (436), connector (628)	17-4PH or 15-5PH CRES, 150-170 ksi	Passivate (F-17.09).
Hinge link (604, 610)	17-4PH or 15-5PH CRES, 150-170 ksi	Cadmium plate (F-15.06) all over.

Refinish Details
 Figure 601 (Sheet 4)



Lubricant Application
 Figure 602

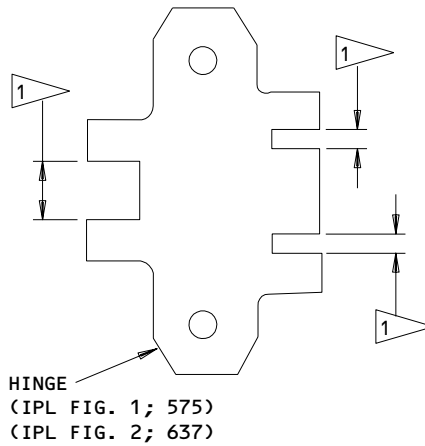
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REPAIR 9-1

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1 OMIT PRIMER FROM THIS AREA

Hinge Refinish
Figure 603

MD5415

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PAWL ASSEMBLY – REPAIR 10-1

416T2176-4, -7

NOTE: Refer to REPAIR – GENERAL for a list of applicable standard practices.
Refer to IPL Fig. 1 and Fig. 2 for item numbers.

1. Repair of Pawl Assembly (555A, 556, IPL Fig. 1; 424, 427, IPL Fig. 2)
 - A. Drill hole per Fig. 601 (REPAIR 10-1).
 - B. Install pin (557, IPL Fig. 1; 430, IPL Fig. 2).

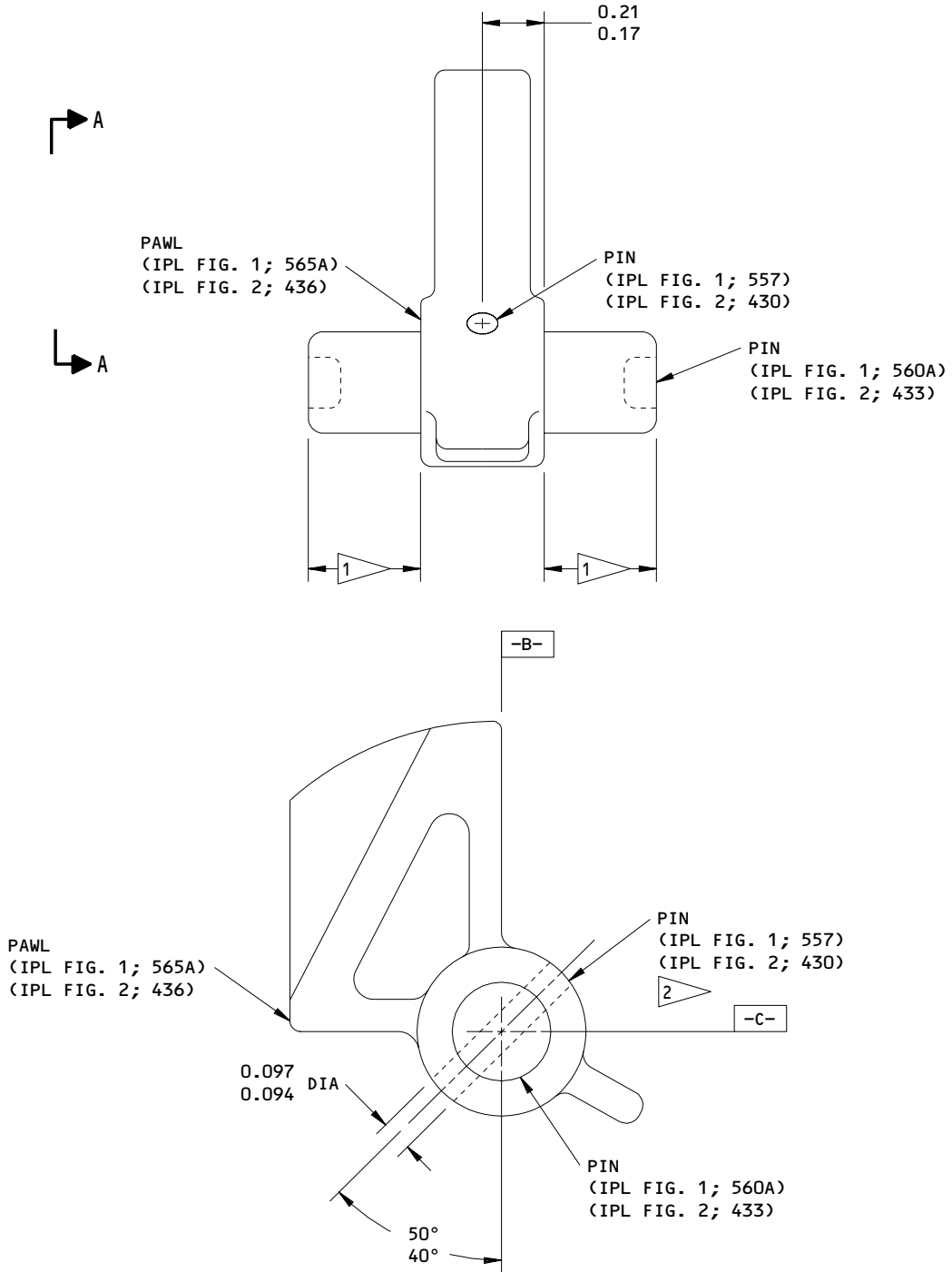
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- 1 THE PIN (IPL FIG. 1; 560A, IPL FIG. 2; 433) MUST EQUALLY COME OUT OF EACH SIDE
- 2 THE PIN (IPL FIG. 1; 557, IPL FIG. 2; 430) MUST NOT COME OUT ABOVE THIS SURFACE

416T2176-4,-7
 Pawl Assembly Repair and Refinish
 Figure 601

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REPAIR 10-1

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ASSEMBLY

1. Materials

NOTE: Equivalent substitutes may be used.

- A. Adhesive -- Type 82 (Ref 20-50-12)
- B. Primer -- BMS 10-11, type 1 (Ref 20-60-02)
- C. Grease -- BMS 3-24 (Aeroshell grease 16), optional MIL-G-23827 (Ref 20-60-03)
- D. Corrosion Inhibiting Compound -- BMS 3-23, type 2 (Ref 20-60-04)

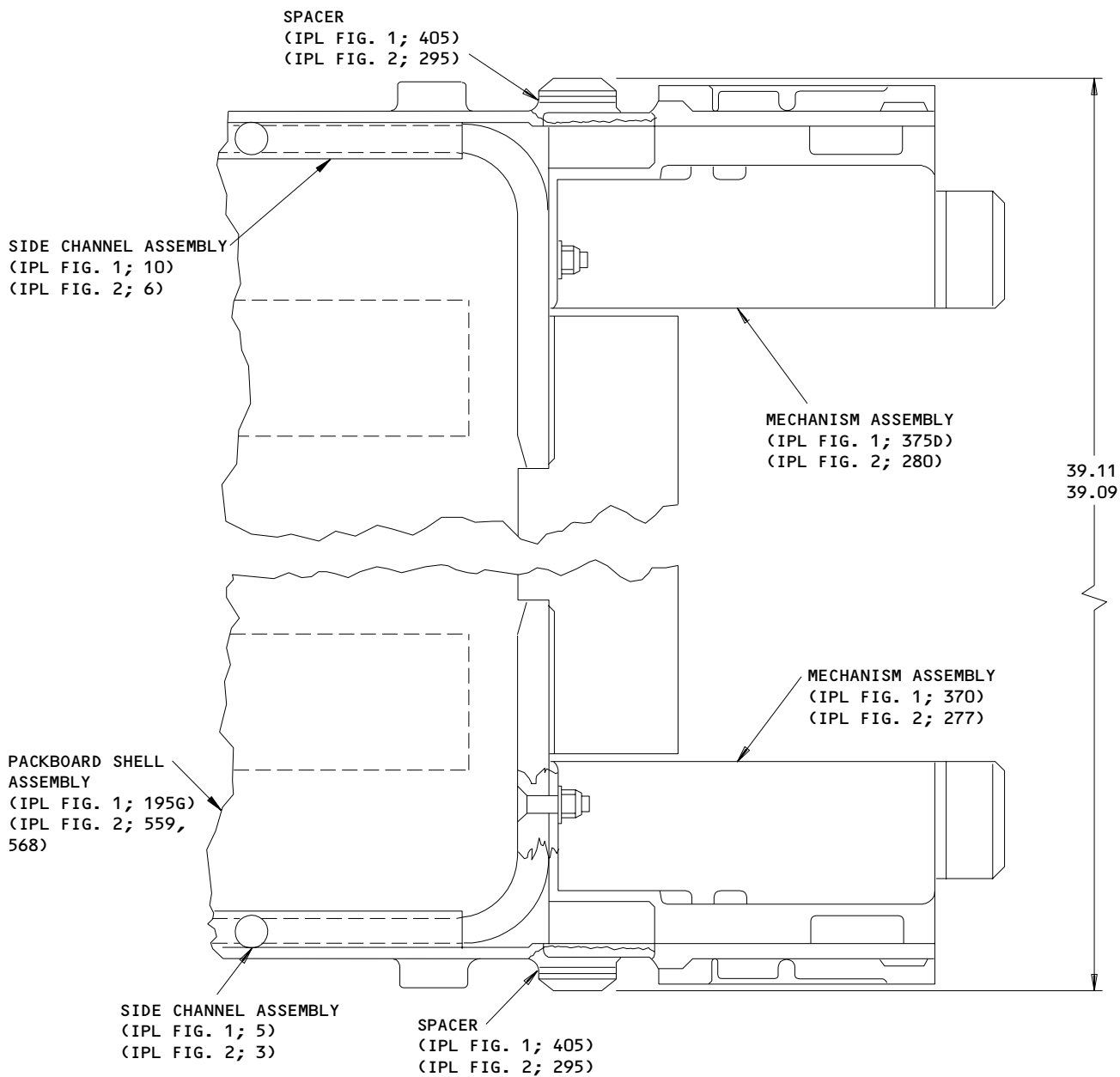
2. Assembly - Section (Item numbers refer to IPL Fig. 1 and Fig. 2)

- A. Attach block assembly (645, IPL Fig. 1; 250, IPL Fig. 2) to shell assembly (195G, IPL Fig. 1; 559, 568, IPL Fig. 2). Apply BMS 10-11, type 1 primer to all bolt holes and immediately install bolts (650, 655, IPL Fig. 1; 238, 241, IPL Fig. 2) washers (660, IPL Fig. 1; 244, IPL Fig. 2), and nuts (665, IPL Fig. 1; 247, IPL Fig. 2).
- B. Attach locator bracket (705, IPL Fig. 1; 235, IPL Fig. 2) to shell assembly (195G, IPL Fig. 1; 559, 568, IPL Fig. 2). Apply BMS 10-11, type 1 primer to all holes and immediately install bolts (690, IPL Fig. 1; 220, IPL Fig. 2) washers (695, IPL Fig. 1; 223, IPL Fig. 2), and nuts (700, IPL Fig. 1; 226, IPL Fig. 2).
- C. Lower Channel Assembly (320, IPL Fig. 1; 640, IPL Fig. 2)
 - (1) Install shaft assembly (620A, IPL Fig. 1; 619, IPL Fig. 2) inside channel assembly (320, IPL Fig. 1; 640, IPL Fig. 2) using screws (350, IPL Fig. 1; 511, IPL Fig. 2), washers (355, 356, IPL Fig. 1; 523, IPL Fig. 2), pad (365, IPL Fig. 1; 538, IPL Fig. 2), and block (360A, IPL Fig. 1; 541, IPL Fig. 2).
 - (2) Locate lower channel assembly (320, IPL Fig. 1; 640, IPL Fig. 2) on shell assembly (195G, IPL Fig. 1; 559, 568, IPL Fig. 2).
 - (3) Insert plate (289, IPL Fig. 1; 535, IPL Fig. 2) through strap (288A, IPL Fig. 1 ; 532, IPL Fig. 2) and install on shell assembly using bolts (286, IPL Fig. 1; 514, IPL Fig. 2), washers (287, IPL Fig. 1; 526, IPL Fig. 2), and nuts (287N, IPL Fig. 1; 529, IPL Fig. 2). Install bolts (325, IPL Fig. 1; 544, IPL Fig. 2).
 - (4) Apply BMS 10-11, type 1 primer to holes for screws (270, IPL Fig. 1; 517, IPL Fig. 2), including countersink area on shell assembly and immediately install screws (270, IPL Fig. 1; 517, IPL Fig. 2), washers (280, IPL Fig. 1; 523, IPL Fig. 2), and nuts (285, IPL Fig. 1; 529, IPL Fig. 2).

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ASSEMBLY
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ALL DIMENSIONS ARE IN INCHES

Assembly Details
 Figure 701

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ASSEMBLY
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D. Mechanism Assembly (370D, 375D, IPL Fig. 1; 277, 280, IPL Fig. 2)

(1) Lower Fitting Assembly (392, 393, IPL Fig. 1; 283, 286, IPL Fig. 2)

(a) Body Assembly (490B, 495B, IPL Fig. 1; 355, 358, IPL Fig. 2) -- Install inserts (498, IPL Fig. 1; 379, IPL Fig. 2) on body assembly, using wet BMS 10-11, type 1 primer. Remove tang.

(b) Install detent (525A, IPL Fig. 1; 394, IPL Fig. 2) on pin (460, IPL Fig. 1; 343, IPL Fig. 2).

(c) Install fillers (537, IPL Fig. 1; 403, IPL Fig. 2) and spring (530A, IPL Fig. 1; 397, IPL Fig. 2) into body assembly (490B, 495B, IPL Fig. 1; 355, 358, IPL Fig. 2).

NOTE: Fillers (537B or 537C, IPL Fig. 1; 406 or 409, IPL Fig. 2) may be needed to adjust pull force during mechanism check in step (3) below.

(d) Apply corrosion inhibiting compound to OD of quadrant pin (545A, IPL Fig. 1; 415, IPL Fig. 2) and pawl pin (560A, IPL Fig. 1; 433, IPL Fig. 2) and ID of mating bushings (435, 485, IPL Fig. 1; 328, 352, IPL Fig. 2) in plates assembly (425, 430, IPL Fig. 1; 322, 325, IPL Fig. 2) and body assembly (450B, 455B, IPL Fig. 1; 337, 340, IPL Fig. 2).

(e) Install pawl assembly (555A, 556, IPL Fig. 1; 424, 427, IPL Fig. 2), stop arm assembly (500, IPL Fig. 1; 382, IPL Fig. 2), and quadrant assembly (540B, IPL Fig. 1; 412, IPL Fig. 2) on body assembly (450B, 455B, IPL Fig. 1; 337, 340, IPL Fig. 2).

NOTE: Pin (560A, IPL Fig. 1; 433, IPL Fig. 2) and Pawl (565A, IPL Fig. 1; 436, IPL Fig. 2) must be press fit. If it is loose fit see REPAIR 10-1 for modifications.

(f) Install spring (535, IPL Fig. 1; 400, IPL Fig. 2) on quadrant assembly (540B, IPL Fig. 1; 412, IPL Fig. 2). Install quadrant in body and attach free end of spring on pin (460, IPL Fig. 1; 343, IPL Fig. 2).

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ASSEMBLY
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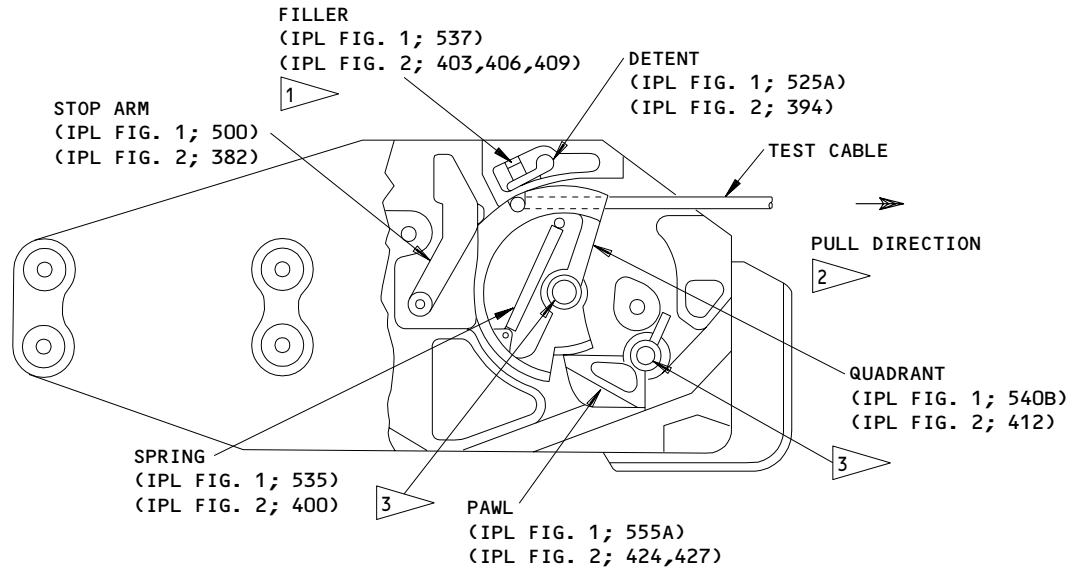
CAUTION: BODY ASSEMBLY (450B, 455A, IPL FIG. 1; 337, 340, IPL FIG. 2) AND END PLATE ASSEMBLY (425, 430, IPL FIG. 1; 322, 325, IPL FIG. 2) ARE MATCHED PARTS AND MUST BE KEPT TOGETHER AS A SET.

- (g) Align the end plate assembly (425, 430, IPL Fig. 1; 322, 325, IPL Fig. 2) on the body assembly (450B, 455B, IPL Fig. 1; 337, 340, IPL Fig. 2) and secure with bolt (395A, IPL Fig. 1; 289, IPL Fig. 2), screws (410A, IPL Fig. 1; 298, IPL Fig. 2), washers (400, 415, IPL Fig. 1; 292, 301, IPL Fig. 2) and spacer (405, IPL Fig. 1; 295, IPL Fig. 2). Ensure that clearance between pin (460, IPL Fig. 1; 343, IPL Fig. 2) and end plate (440, 445, IPL Fig. 1; 331, 334, IPL Fig. 2) is 0.01–0.03 inch. Peel lamination from spacer (405, IPL Fig. 1; 295, IPL Fig. 2) as necessary to meet required assembly dimensions per Fig. 701.
- (2) Mount mechanism assembly (370D, 375D, IPL Fig. 1; 277, 280, IPL Fig. 2) on shell assembly (195G, IPL Fig. 1; 559, 568, IPL Fig. 2) using bolts (265, 380A, IPL Fig. 1; 262A, 265A, IPL Fig. 2), washers (280, 385, IPL Fig. 1; 268, IPL Fig. 2) and nuts (285, 390, IPL Fig. 1; 271, 274, IPL Fig. 2).
- (3) Check mechanism assembly (370D, 375D, IPL Fig. 1; 277, 280, IPL Fig. 2) as follows (Fig. 702):
 - (a) Swage a 3/16 inch dia CRES ball on a 1/16 inch dia CRES cable.
 - (b) Rotate quadrant assembly (540B, IPL Fig. 1; 412, IPL Fig. 2) using allen wrench and insert ball into the recess provided in the quadrant. Rotate quadrant assembly until ball snaps over to retain detent cable assembly in mechanism.
 - (c) Pull cable in direction shown in Fig. 702. Cable must pull free of release mechanism with a force of 15–28 lbs.
 - (d) If pull force is less than 15 lbs, add filler (537A, 537B or 537C, IPL Fig. 1; 403A, 406 or 409; IPL Fig. 2) as required to obtain proper pull force.
 - (e) If pull force is more than 28 lbs, remove fillers (537C thru 537, IPL Fig. 1; 403A, 406 or 409, IPL Fig. 2) as required to obtain proper pull force.

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ASSEMBLY
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- 1 ADD OR REMOVE FILLERS (IPL FIG. 1; 537, IPL FIG. 2; 403,406,409) AS REQUIRED TO OBTAIN PULL FORCE PER 2
- 2 PULL FORCE 15-28 LBS
- 3 APPLY BMS 3-23 TYPE 2 CORROSION INHIBITING COMPOUND TO INTERFACE BETWEEN THESE PINS AND BUSHINGS IN END PLATES AND BODIES

Mechanism Lubrication and Adjustment
Figure 702

- E. Apply light coating of grease to pins (290A, 295A, 305C, 580, IPL Fig. 1; 571, 574, 580, 583, IPL Fig. 2), mating holes in links (570, 610C, 615B, IPL Fig. 1; 604, 610, 616, IPL Fig. 2), rod (640, IPL Fig. 1; 613, IPL Fig. 2), and hinge (575, IPL Fig. 1; 637, IPL Fig. 2). Apply BMS 10-11, type 1 primer to holes including countersink area on shell assembly (195G, IPL Fig. 1; 559, 568, IPL Fig. 2). Install hinge (575, IPL Fig. 1; 637, IPL Fig. 2) and cam block (585, IPL Fig. 1; 607, IPL Fig. 2) on shell assembly using screws (275A, IPL Fig. 1; 550, IPL Fig. 2), washers (280, IPL Fig. 1; 553, IPL Fig. 2), and nuts (285, IPL Fig. 1; 556, IPL Fig. 2).

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- F. Connect link (610C, IPL Fig. 1; 604, IPL Fig. 2) to link (615B, IPL Fig. 1; 610, IPL Fig. 2) with pin (580, IPL Fig. 1; 571, IPL Fig. 2).
- G. Connect assembled link (610C, 615B, IPL Fig. 1; 604, 610, IPL Fig. 2) to hinge (575, IPL Fig. 1; 637, IPL Fig. 2) using pin (290A, IPL Fig. 1; 580A, IPL Fig. 2), washer (300, IPL Fig. 1; 589, IPL Fig. 2) and cotter pin (315, IPL Fig. 1; 577, IPL Fig. 2).
- H. Bearing and shaft adjustments
- (1) Verify that pin (305C, IPL Fig. 1; 574, IPL Fig. 2) is removed.
 - (2) Attach a loop of nylon cord or equivalent to either of the shaft pins (625, IPL Fig. 1; 622, IPL Fig. 2) closest to the cover release mechanism. Apply a load with tension scale. Measure the force required to rotate the shaft in bearing blocks (360A, IPL Fig. 1; 541, IPL Fig. 2) and pads (365, IPL Fig. 1; 538, IPL Fig. 2) to the point of release of the cord loop. If the force required is more than 18 pounds, proceed as follows:
 - (a) Loosen screws (350, IPL Fig. 1; 511, IPL Fig. 2) in all bearing blocks (360A, IPL Fig. 1; 541, IPL Fig. 2) and pads (365, IPL Fig. 1; 538, IPL Fig. 2) until shaft (620A, IPL Fig. 1; 619, IPL Fig. 2) rotates freely.
 - (b) Re-tighten screws, one bearing at a time and isolate which bearings cause the resistance to shaft rotation.
 - (c) For each bearing causing resistance, perform the following steps:
 - 1) Of the two screws (350, IPL Fig. 1; 511, IPL Fig. 2) used to maintain bearing, remove one screw exposing a hole in channel (320, IPL Fig. 1; 640, IPL Fig. 2).
 - 2) Using a 7/32 diameter drill, enlarge hole in channel (320).

NOTE: Avoid drilling to a depth which would disturb threads in bearing.
 - 3) Reinstall screw.
 - 4) Remove other screw on the same bearing and enlarge hole per step 2).
 - 5) Loosen both screws to allow bearing to self-align with shaft and then tighten screws.

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ASSEMBLY
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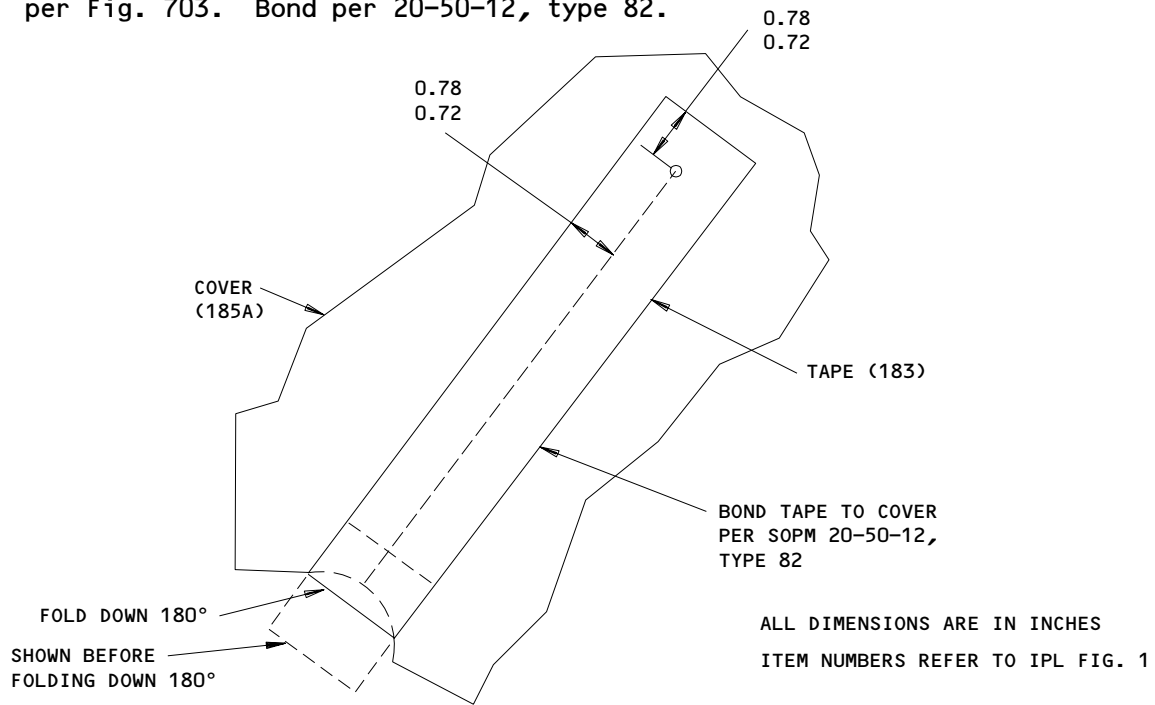
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- (3) If excessive resistance is still present after completion of bearing adjustment, add one or two washers (356, IPL Fig. 1; 523, IPL Fig. 2) as required between bearing block (360A, IPL Fig. 1; 541, IPL Fig. 2) and bearing pad (365, IPL Fig. 1; 538, IPL Fig. 2) to obtain free shaft rotation.
- I. Connect pin (305C, IPL Fig. 1; 574, IPL Fig. 2), hinge link (615B, IPL Fig. 1; 610, IPL Fig. 2) and connecting rod (640, IPL Fig. 1; 613, IPL Fig. 2).
- J. Check that no binding exists at attach joint of connecting rod (640, IPL Fig. 1; 613, IPL Fig. 2), link (615B, IPL Fig. 1; 610, IPL Fig. 2), and pin (305C, IPL Fig. 1; 574, IPL Fig. 2). As necessary, machine 0.1875 dia thru holes in rod and link in-line, or remove material from end faces of rod to eliminate binding (SB 25A0071). Reassemble parts and install washers (300, 310, IPL Fig. 1; 586, 589, IPL Fig. 2) and cotter pin (315, IPL Fig. 1; 577, IPL Fig. 2). If MS20392-2C23 pin (305C, IPL Fig. 1) is used, apply a thin coating of grease to pin and mating parts. Grease is not required with MS20392-2R23 pin (305D, IPL Fig. 1; 574, IPL Fig. 2).
- K. Using number 21 (0.1590 inch diameter) drill, machine through the shaft assembly clevis only to clear the holes.
- L. Connect rod (640, IPL Fig. 1; 613, IPL Fig. 2) to clevis on shaft assembly (620A, IPL Fig. 1; 619, IPL Fig. 2) by pressing in pin (580, IPL Fig. 1; 571, IPL Fig. 2). The minimum force required to install pin in shaft clevis is 10 pounds.
- M. Using number 21 (0.1590 inch diameter) drill, machine through the in-line holes in hinge link (610C, IPL Fig. 1; 604, IPL Fig. 2). Remove any galling or deposits on the pin ends.
- N. Connect hinge links (610C, 615B, IPL Fig. 1; 604, 610, IPL Fig. 2) by pressing in pin (580, IPL Fig. 1; 571, IPL Fig. 2). The minimum force required to assemble links and pin is 10 pounds.
- O. Place cam assembly (590A, IPL Fig. 1; 592, IPL Fig. 2) in link (610C, IPL Fig. 1; 604, IPL Fig. 2) and connect free end of connector rod (640, IPL Fig. 1; 613, IPL Fig. 2) to connector (635, IPL Fig. 1; 628, IPL Fig. 2) which protrudes through lower channel assembly (320, IPL Fig. 1; 640, IPL Fig. 2).
- P. Measure the force required to rotate the shaft per step 2.H.(1) with the exception that the force required should be no more than 25 pounds. If it is greater than 25 pounds, check for binding per steps 2.H thru 2.P.
- Q. Cover assembly (45B)
- (1) Attach lacing strip assembly (51, 67, 75J) to cover (120) so that washer side of grommets (53, 55, 69, 71, 75N, 75T) are facing out from cover.

- (2) Attach the handle assembly (83) to cover (120) so the velcro pile (85) can be attached to the velcro hook (79).
- (3) Pull opposing edges of cover vee slot together and apply tape (183) per Fig. 703. Bond per 20-50-12, type 82.
- (4) Bond lacing strip assembly (51) and protective strip (109) and stiffener assembly (111) to main cover (120) per Fig. 704.

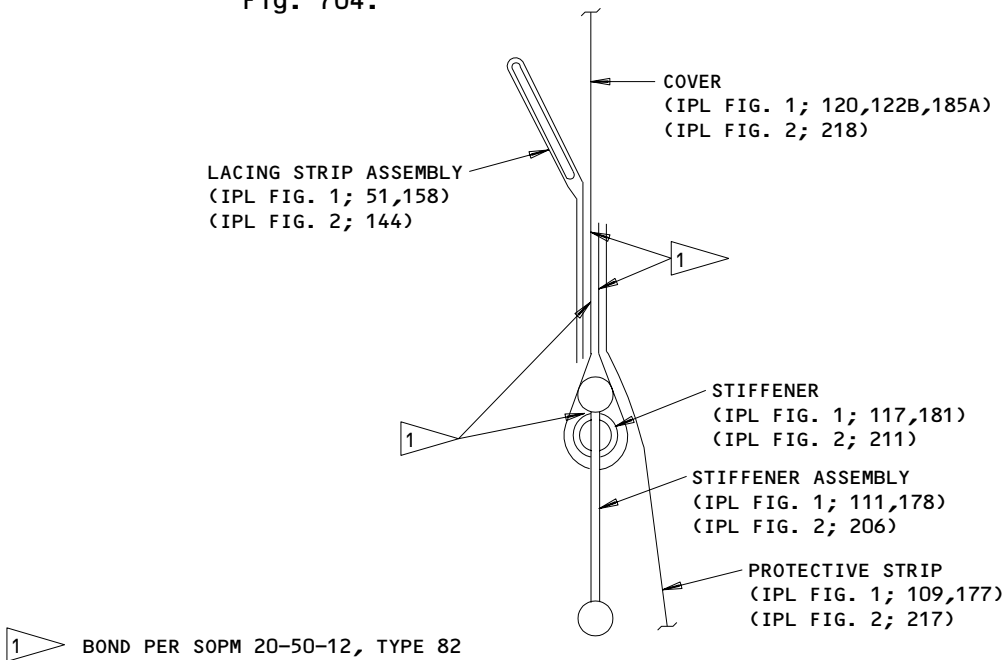
R. Cover Assembly (122B, IPL Fig. 1; 218, IPL Fig. 2)

- (1) Attach the lacing strip assemblies (127, 140, 146, 152, 158, IPL Fig. 1; 99A, 114, 129, 144, IPL Fig. 2) to the covers (138, 185A, IPL Fig. 1; 93, 218, IPL Fig. 2) so that the washer side of the grommets on the lacing strip assemblies face out from the covers.
- (2) Attach the handle assembly (83, 134, 167) to the covers (138, 185A, IPL Fig. 1; 93, 218, IPL Fig. 2) so the velcro pile (135, 168, IPL Fig. 1; 81, 168, IPL Fig. 2) can be attached to the velcro hook (133, 165, IPL Fig. 1; 75, 162, IPL Fig. 2).
- (3) Pull opposing edges of cover vee slot together and apply tape (183) per Fig. 703. Bond per 20-50-12, type 82.



Tape Application
 Figure 703

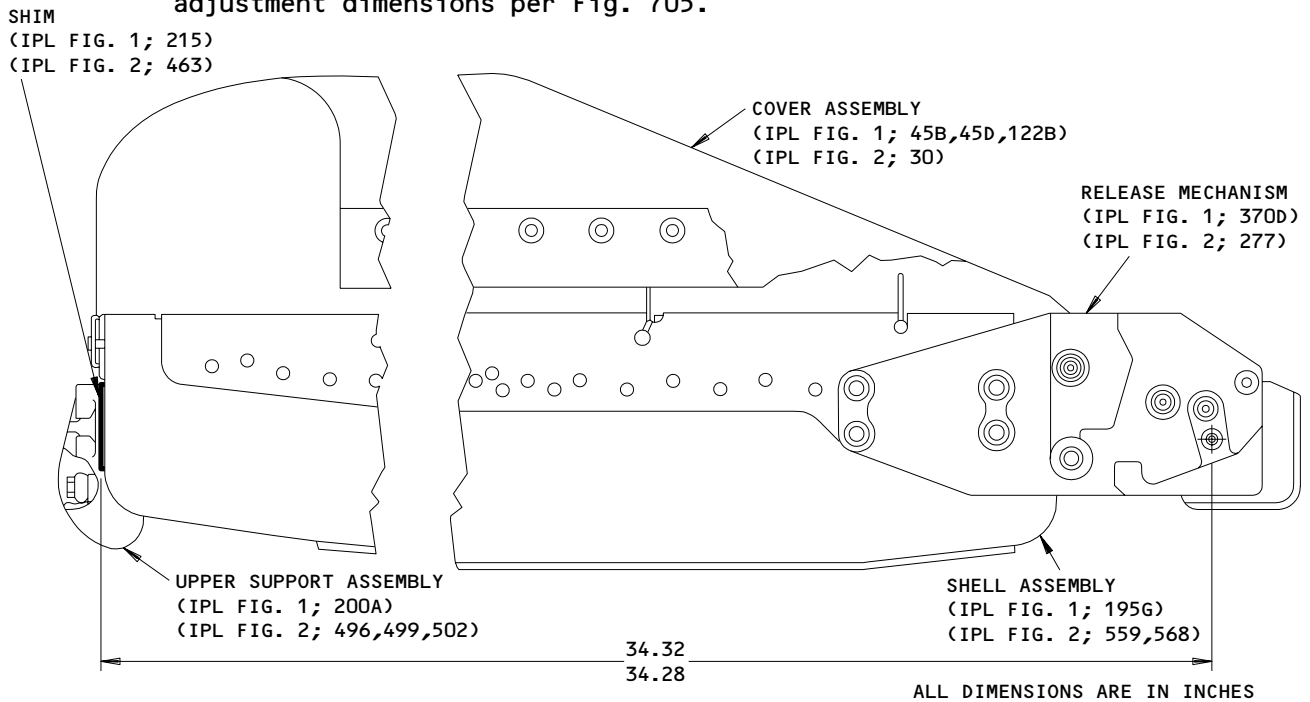
- (4) Bond the following per 20-50-12, type 82.
- (a) Stiffener (137, IPL Fig. 1; 90, IPL Fig. 2) to cover (138, IPL Fig. 1; 93, IPL Fig. 2).
 - (b) Cover (156, IPL Fig. 1; 141, IPL Fig. 2) to stiffener (155, IPL Fig. 1; 138, IPL Fig. 2).
 - (c) Stiffener cover (150, IPL Fig. 1; 156, IPL Fig. 2) to stiffener (149, IPL Fig. 1; 153, IPL Fig. 2).
 - (d) Stiffener (161, IPL Fig. 1; 123, IPL Fig. 2) to cover (162, IPL Fig. 1; 126, IPL Fig. 2).
 - (e) Stiffener (143, IPL Fig. 1; 69A, 108A, IPL Fig. 2) to cover (144, IPL Fig. 1; 72, 111, IPL Fig. 2).
 - (f) Lacing strip assembly (152, IPL Fig. 1; 129, IPL Fig. 2) to cover (185A, IPL Fig. 1; 218, IPL Fig. 2).
 - (g) Lacing strip assembly (51, 158, IPL Fig. 1; 144, IPL Fig. 2) and protective strip (109, 177, IPL Fig. 1; 217, IPL Fig. 2) to cover (120, 122B, 185A, IPL Fig. 1; 218, IPL Fig. 2) per Fig. 704.



Adhesive Application
Figure 704

S. Upper Support Assembly (200A, IPL Fig. 1; 496, 499, 502, IPL Fig. 2)

- (1) Install inserts (262, 263, IPL Fig. 1; 505, 508, IPL Fig. 2) 3/4 to 1 1/2 turns below surface of fitting, using wet BMS 10-11, type 1 primer. Remove tang.
- (2) Install button (225, IPL Fig. 1; 493, IPL Fig. 2) on fitting assembly (260A, IPL Fig. 1; 466, 469, 472, IPL Fig. 2) using spacer (235, IPL Fig. 1; 490, IPL Fig. 2) and screw (230, IPL Fig. 1; 487, IPL Fig. 2).
- (3) Install bushing (245, IPL Fig. 1; 481, IPL Fig. 2) and roller (255, IPL Fig. 1; 484, IPL Fig. 2) using washer (250, IPL Fig. 1; 478, IPL Fig. 2) and bolt (240A, IPL Fig. 1; 475, IPL Fig. 2).
- (4) Install support assembly (200A, IPL Fig. 1; 496, 499, 502, IPL Fig. 2) on shell assembly (195G, IPL Fig. 1; 559, 568, IPL Fig. 2) using screw (205, IPL Fig. 1; 454, IPL Fig. 2) washer (210, IPL Fig. 1; 457, IPL Fig. 2) shim (215, IPL Fig. 1; 463, IPL Fig. 2) and nut (220, IPL Fig. 1; 460, IPL Fig. 2). Remove laminations from shim (215, IPL Fig. 1; 463, IPL Fig. 2) as required to meet adjustment dimensions per Fig. 705.



Upper Support Assembly Adjustment
 Figure 705

ILLUSTRATED PARTS LIST

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

2. Indentures show parts relationships as follows:

Assembly

Detail Parts for Assembly

Subassembly

Attaching Parts for Subassembly

Detail Parts for Subassembly

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

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

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

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

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

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

6. Parts Interchangeability

Optional
(OPT)

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

Supersedes, Superseded By
(SUPSDS, SUPSD BY)

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

Replaces, Replaced By
(REPLS, REPLD BY)

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

VENDORS

01556 EMHART FASTENING SYSTEMS GROUP HELI-COIL DIV
SHELTER ROCK LANE
DANBURY, CONNECTICUT 06810
FORMERLY HELI-COIL DIV OF BLACK AND DECKER

06229 WIELAND INC
466 MAIN STREET
NEW ROCHELLE, NEW YORK 10801
FORMERLY IN MOUNT VERNON AND ELMSFORD, NEW YORK
FORMERLY ELECTROVERT INC

08205 RENTON COIL SPRING COMPANY
325 BURNETT NORTH PO BOX 328
RENTON, WASHINGTON 98057
FORMERLY VB0009

11328 AEROQUIP SEE EATON AEROQUIP V00624

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

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

22277 BELL-MEMPHIS INC
1650 CHANNEL AVENUE PO BOX 13187
MEMPHIS, TENNESSEE 38113-1524
FORMERLY BELL,R.E. MFG CO V11097

26590 HOOD INDUSTRIES
4615 SHEPARD STREET
BAKERSFIELD, CALIFORNIA 93309
FORMERLY IN PARAMOUNT, CALIFORNIA

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

25-66-11

ILLUSTRATED PARTS LIST
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VENDORS

57771 STIMPSON EDWIN B. COMPANY INC
900 SYLVAN AVENUE
BAYPORT, NEW YORK 11705-1012
FORMERLY IN BROOKLYN, NEW YORK

65196 CABLEWARE TECHNOLOGY INC
900 INDUSTRIAL BLVD. PO BOX 7515
NAPLES, FLORIDA 33941

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

72962 HARVARD INDUSTRIES INC
3 WERNER WAY SUITE 210
LEBANON, NEW JERSEY 08833
FORMERLY AMERACE CORP ESNA DIV
FORMERLY ELASTIC STOP NUT IN UNION, NJ

80523 BABCOCK ACCO INC ACCO CONTROLS GROUP SUB OF BABCOCK INTL
1014 ERIE STREET PO BOX 608
ADRIAN, MICHIGAN 49221-0608
FORMERLY CABLE CONTROLS DIV OF AMERICAN CHAIN AND CABLE
FORMERLY ACCO IND INC CABLE CONTROLS DIV

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

83014 HARTWELL CORPORATION
900 SOUTH RICHFIELD ROAD
PLACENTIA, CALIFORNIA 92670-6732
FORMERLY V0532B IN LOS ANGELES, CALIFORNIA

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

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
AN960-10L		1	210	4
		1	280	10
		1	355	28
		1	385	8
		1	415	2
		1	421	2
		1	660	2
		1	695	4
		1	287G	4
		2	301	2
		2	316	2
		1	250	1
		1	287	4
AN960-416L		1	287	4
AN960-516		1	356	AR
AN960KD10LL		1	42	14
AN960PD8		1	435	2
BACB28X5M030		1	485	2
		2	328	2
		2	352	2
BACB30LH3-4		2	241	4
BACB30LH3-5		2	260	2
BACB30LH3-6		2	265A	4
BACB30LH3-7		1	265	4
		1	286	4
		2	238	
		2	265	
		2	514	4
		2	547	2
BACB30LH3-8		2	238A	2
BACB30LH4-8		2	220	4
BACB30LJ4-5		1	240A	1
		2	475	1
BACB30LJ4-5P		1	240	
BACB30LL3-10		1	380A	8
BACB30LL3-6		1	325	10
BACB30LL3-8		1	380	
BACB30LR3-4		1	650	4
		1	655A	
BACB30LR3-6		1	690	4
BACB30LR3-9		1	655	2
BACB30LR3P6		1	690A	
BACB30LU3-8		1	395	
		1	432	
		1	395A	1
		2	289	1
BACB30NN3C9		1	655B	

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACF3F002B003NN		1	537A	AR
		2	403A	AR
BACN10JC3		1	285	10
		1	422	2
		1	665	2
		1	700	4
		1	287N	4
		2	319	2
BACN10JC3CD		2	247	2
		2	274	4
		2	529	8
		2	556	2
BACN10JC4CD		2	226	4
BACN10JR3		1	330	12
		2	643	12
BACP18BC02C04P		2	577	3
BACP18BD1C27		2	580	1
BACP18BD1C37		2	583	1
BACP18BD2R23		2	574	1
BACR15BA3AD		1	335	24
		2	646	24
BACR15BA4AD		1	25	10
		2	15	10
BACR15BA4AD2		1	337	9
		2	649	9
BACR15BA5AD		1	40	14
		2	24	14
BACR15CE5D		1	15	66
		2	9	
BACR15GF5D		2	9A	66
BACS12GU3K8		1	410B	2
		2	298A	2
BACS40R008E018F		2	463	2
BACS40R08E18F		1	215	2
BACT14B3		1	113	10
		1	179	10
		2	209	10
BACW10P136AL		1	419	2
		2	310	2
BAC27TPPS6471		2	660	1
BAC27TPPS6472		2	660A	1
BAC27TPPS6493		2	665	1
BAC27TPPS6494		2	39	1
BA3-3		1	113	10
		1	179	10
		2	209	10

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BM2487-3		1	113	10
		1	113	10
		1	179	10
		1	179	10
		2	209	10
BRH10A3		1	285	10
		1	422	2
		1	665	2
		1	700	4
		1	287N	4
BR2000A3		2	319	2
		1	330	12
C83		2	643	12
		2	66A	14
HI2487-3		2	105A	14
		1	113	10
HT200-3		1	179	10
		2	209	10
		1	113	10
H10-3BAC		1	179	10
		2	209	10
		1	285	10
		1	422	2
		1	665	2
K1000-3BAC		1	700	4
		1	287N	4
		2	319	2
		1	330	12
		2	643	12
MS16562-25		1	557	1
		1	496A	2
		1	552A	1
		2	364	2
		2	421	1
MS16562-26		2	430	1
		1	460	3
MS16562-31		2	343	2
		1	465	
MS16565-25		1	552	
		1	53	14
MS20230GBP2		1	69	14
		1	128	14
		1	141	14
		1	147	6
		1	153	7
		1	159	13
		1	75N	14

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ	
MS20230GB10		1	53A	14	
		1	69A	14	
		1	128A	14	
		1	141A	14	
		1	147A	6	
		1	153A	7	
		1	159A	13	
		2	63	14	
		2	102	14	
		2	117	7	
		2	132	6	
		2	147	13	
	MS20230WBP2		1	55	14
			1	71	14
		1	129	14	
		1	142	14	
		1	148	6	
		1	154	7	
		1	160	13	
		1	75T	14	
MS20230WB10		1	55A	14	
		1	71A	14	
		1	129A	14	
		1	142A	14	
		1	148A	6	
		1	154A	7	
		1	160A	13	
		2	66	14	
		2	105	14	
		2	120	7	
		2	135	6	
		2	150	13	
MS20392-1C27		1	290A	1	
		2	580A		
MS20392-1C37		1	295A	1	
		2	583A		
MS20392-2C23		1	305C	1	
MS20392-2R23		1	305D	1	
		1	305E	1	
		2	574A		
MS203921C27		1	290		
MS203921C37		1	295		
MS203922C21		1	305		
MS203922C23		1	305A		
		1	305B		
MS21209F1-15		1	263	1	
		2	505	1	

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
MS21209F1-20P		1	498	3
		2	379	3
MS21209F4-15		1	262	1
		2	508	1
MS24585-1089		1	530	
MS24585-1099		1	530A	1
		2	397	1
MS24586-501		1	535	2
		2	400	2
MS24665-132		1	315	3
MS27891-3N		1	172L	
MS27891-4N		1	172J	
MS27891-6N		1	172K	
MS27981-1N		1	96H	
		1	172H	
MS27981-3N		1	96L	
MS27981-4N		1	96J	
MS27981-6N		1	96K	
MS27983-1N		1	96P	1
		1	172P	1
MS27983-2N		2	188	1
		1	96S	1
MS27983-3N		1	172S	1
		2	191	1
MS27983-4N		1	96Q	1
		1	172Q	1
NAS1057T3-025		2	194	1
		1	96R	1
NAS1149DN832J		1	172R	1
		2	197	1
NAS1149D0316J		1	235	1
		2	490	1
NAS1149D0316K		2	27	14
		2	522	2
NAS1149F0332P		2	520A	26
		2	520	
NAS1149F0432P		2	244	2
		2	268	12
NAS1149F0563P		2	457	4
		2	523	36
NAS1351C3-10P		2	553	2
		2	223	4
NAS1351C3LE10		2	478	1
		2	526	4
		1	410A	2
		2	298	2
		1	410	

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
NAS14P1032-14		2	487	1
NAS1804-3		1	220	4
		1	390	8
NAS1805-3L		2	271	8
		2	460	4
NAS43HT3-23		1	420	
		1	433	
		1	420A	2
		2	313	2
NAS514P1032-10P		1	270	4
		2	517	4
NAS514P1032-14		1	230	1
NAS514P1032-14P		1	205	4
		1	275	
		2	454	4
NAS514P1032-15P		1	275A	2
		2	550	2
NAS603-11P		2	512A	2
NAS603-13		1	418	2
		2	307A	1
NAS603-9		1	350	28
NAS603-9P		2	511	26
		2	512	2
NAS607-1-5P		1	470	
NAS607-2-7P		1	475	1
		2	346	1
NAS607-3-4P		1	480	2
		2	349	2
NAS620-10L		1	310	1
		2	307	
		2	586	1
NAS620-5		1	300	2
		2	589	2
NAS8703-10		2	262	
NAS8703-6		2	544	10
NAS8703-9		2	262A	8
NS103202-02		1	330	12
		2	643	12
NS202101-02		1	285	10
		1	422	2
		1	665	2
		1	700	4
		1	287N	4
		2	319	2
RA2487-3		1	113	10
		1	179	10
		2	209	10

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
RCS3452		1	530B	1
		2	397A	1
RMA9201-3		1	330	12
		2	643	12
RMLH9075-3W		1	285	10
		1	422	2
		1	665	2
		1	700	4
		1	287N	4
		2	319	2
T6S1032J		1	285	10
		1	422	2
		1	665	2
		1	700	4
		1	287N	4
		2	319	2
T8088S1032		1	330	12
		2	643	12
VN102A1-02		1	330	12
		2	643	12
VN303A02		1	285	10
		1	422	2
		1	665	2
		1	700	4
		1	287N	4
		2	319	2
0		2	63A	14
		2	102A	14
416T2003-1		1	1	
416T2003-10		1	1F	
416T2003-11		1	1G	
416T2003-12		1	1H	
416T2003-13		1	1J	
416T2003-14		1	1K	RF
416T2003-15		1	1L	RF
416T2003-17		1	370D	1
		2	277	1
416T2003-18		1	375D	1
		2	280	1
416T2003-19		1	537	AR
		2	403	AR
416T2003-2		1	1A	
416T2003-20		1	537B	AR
		2	406	AR
416T2003-21		1	537C	AR
		2	409	AR

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
416T2003-22		1	710	2
		2	259	
416T2003-25		1	1M	RF
416T2003-26		1	1N	RF
416T2003-27		1	1P	
416T2003-29		1	1Q	RF
416T2003-30		1	1R	RF
416T2003-4		1	1B	
416T2003-5		1	680	2
		2	232	2
416T2003-6		1	685	2
		2	233	2
416T2003-7		1	1C	
416T2003-8		1	1D	
416T2003-9		1	1E	
416T2141-1		1	5	1
		2	3	1
416T2141-2		1	10	1
		2	6	1
416T2143-1		1	200	
416T2143-2		1	200A	1
416T2143-3		1	200B	1
416T2144-1		1	320	1
416T2144-2		1	320A	1
		2	640	1
416T2146-1		1	195	
416T2146-10		1	195G	1
416T2146-2		1	195A	
416T2146-20		2	559	1
416T2146-21		2	568	1
416T2146-30		2	559A	1
416T2146-5		1	195B	
416T2146-6		1	195C	
416T2146-7		1	195D	
416T2146-8		1	195E	
416T2146-9		1	195F	
416T2147-1		1	190	2
		2	439	2
416T2148-1		1	590	
416T2148-2		1	590A	1
		2	592	1
416T2151-1		1	610	
416T2151-3		1	610A	
		1	610C	1
416T2151-4		1	610D	1
		2	604	1
416T2151-5		1	610B	

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
416T2152-1		1	620	
416T2152-2		1	620A	1
416T2152-3		1	620B	1
		2	619	1
416T2154-1		1	615	
416T2154-3		1	615A	
416T2154-5		1	615B	1
		2	610	1
416T2155-1		1	196	1
		2	562	1
416T2155-2		1	197	1
		2	565	1
416T2156-1		1	635	1
		2	628	1
416T2156-3		1	635A	1
		2	631	1
416T2157-1		1	370	
416T2157-10		1	375B	
416T2157-11		1	450A	
416T2157-12		1	455A	
416T2157-13		1	370C	
416T2157-14		1	375C	
416T2157-15		1	392	1
		2	283	1
416T2157-16		1	393	1
		2	286	1
416T2157-17		1	450B	1
		2	337	1
416T2157-18		1	455B	1
		2	340	1
416T2157-2		1	375	
416T2157-3		1	425	1
		2	322	1
416T2157-4		1	430	1
		2	325	1
416T2157-5		1	450	
416T2157-6		1	455	
416T2157-7		1	370A	
416T2157-8		1	375A	
416T2157-9		1	370B	
416T2159-1		1	360	
416T2159-2		1	365	14
		2	538	14
		2	634	
416T2159-3		1	417	
416T2159-4		1	225	1
		2	493	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
416T2159-5		1	417A	1
		2	304	1
416T2159-6		1	360A	14
		2	541	14
416T2161-1		1	30	1
		2	18	1
416T2161-2		1	35	1
		2	21	1
416T2163-1		1	260	
416T2163-3		1	260A	1
416T2163-5		1	260B	1
416T2164-1		1	245	1
		2	481	1
416T2164-10		1	595	1
		2	595	1
416T2164-11		1	585	1
		2	607	1
416T2164-12		1	605	
416T2164-13		1	570	2
		2	616	2
416T2164-14		1	625	6
		2	622	6
416T2164-16		1	400	1
		2	292	1
416T2164-17		1	405	1
		2	295	1
416T2164-18		1	580	2
		2	571	2
416T2164-19		1	515	1
		2	388	1
416T2164-2		1	630	
416T2164-3		1	640	1
416T2164-32		1	545A	1
		1	560A	1
		2	415	1
		2	433	1
416T2164-33		1	630A	2
		2	625	2
416T2164-34		1	605A	2
		2	601	2
416T2164-36		1	640A	1
		2	613	1
416T2164-4		1	575	1
		2	637	1
416T2164-5		1	20	5
		2	12	5

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
416T2164-6		1	255	1
		2	484	1
416T2164-7		1	600	1
		2	598	1
416T2164-8		1	510	1
		2	385	1
416T2164-9		1	545	
		1	560	
416T2165-1		1	345	1
		2	655	1
416T2165-2		1	340	1
		2	652	1
416T2168-1		1	440	1
		2	331	1
416T2168-2		1	445	1
		2	334	1
416T2169-1		1	490	
416T2169-11		1	497	1
		2	367	1
416T2169-12		1	497A	1
		2	370	1
416T2169-13		1	497G	1
		2	373	1
416T2169-14		1	496	1
		2	361	1
416T2169-15		1	490C	1
		2	355A	1
416T2169-16		1	495C	1
		2	358A	1
416T2169-17		1	497M	1
		2	376	1
416T2169-18		1	497P	1
		2	376A	1
416T2169-2		1	495	
416T2169-5		1	490A	
416T2169-6		1	495A	
416T2169-7		1	490B	1
		2	355	1
416T2169-8		1	495B	1
		2	358	1
416T2170-1		1	525	
416T2170-3		1	525A	1
		2	394	1
416T2174-1		1	500	2
		2	382	1
416T2174-2		1	520	1
		2	391	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
416T2176-1		1	555	
416T2176-2		1	565	
416T2176-4		1	555A	2
		2	424	2
416T2176-5		1	565A	1
		2	436	1
416T2176-7		1	556	2
		2	427	2
416T2177-1		1	540	
416T2177-2		1	550	
		1	550B	1
		2	418A	1
416T2177-4		1	540A	
416T2177-5		1	540B	2
		2	412	2
416T2177-7		1	550A	1
		2	418	1
416T2177-8		1	540C	2
		2	412A	2
416T2189-100		1	139A	
416T2189-101		1	45A	
416T2189-102		1	65A	
416T2189-103		1	184	1
		1	185A	1
		2	218	1
416T2189-104		1	120	1
		1	121A	
416T2189-105		1	96G	
		1	172G	
416T2189-106		1	96M	
		1	172M	
416T2189-107		1	122B	1
		1	122C	1
416T2189-108		1	139B	1
416T2189-109		1	45B	1
		1	45E	1
416T2189-110		1	65B	1
416T2189-111		1	96N	2
		1	172N	2
		2	185	2
416T2189-112		1	96T	1
		1	172T	1
		2	200	1
416T2189-114		1	47D	2
416T2189-115		1	47C	2

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
416T2189-116		1	125	2
		1	127A	
		2	48	2
416T2189-119		1	45C	
416T2189-120		1	65C	
416T2189-121		1	49A	
416T2189-122		1	45D	1
416T2189-123		1	65D	1
416T2189-124		1	62P	1
		1	103A	1
416T2189-125		1	106S	1
		1	62	3
		1	106	3
416T2189-126		1	97A	10
		1	97C	10
		1	45F	1
416T2189-127		1	45G	1
416T2189-128		1	65E	1
416T2189-129		1	65F	1
416T2189-130		1	49B	1
416T2189-131		1	49C	1
416T2189-132		1	90A	2
416T2189-133		1	95A	1
416T2189-134		1	93A	1
416T2189-135		1	65G	1
416T2189-139		1	65H	1
416T2189-140		1	49D	1
416T2189-141		1	49E	1
416T2189-142		1	126A	1
416T2189-144		1	49F	1
416T2189-145		1	45J	1
416T2189-147		1	45K	1
416T2189-148		1	158A	2
		2	144	2
416T2189-152		1	146A	2
		2	129	2
416T2189-153		1	152A	2
		2	114	2
416T2189-154		1	51A	1
		1	67A	1
		1	127B	1
		1	140A	3
		2	60	
416T2189-155		2	99	
		1	122D	1
416T2189-157		1	139C	1
416T2189-158		1	45H	1
416T2189-159		1		

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
416T2189-160		1	65J	1
416T2189-163		2	69A	1
		2	108A	1
416T2189-164		2	60A	1
		2	99A	3
416T2189-165		2	60B	1
		2	99B	3
416T2189-20		1	47	
		1	123	2
		2	54	2
416T2189-21		1	124	2
		2	51	2
416T2189-24		2	48A	AR
		2	51A	AR
		2	54A	AR
416T2189-300		2	45	1
416T2189-301		2	45A	1
416T2189-310		2	96	1
416T2189-311		2	96A	1
416T2189-320		2	57	1
416T2189-321		2	57A	1
416T2189-330		2	42	1
416T2189-340		2	33	1
416T2189-350		2	36	2
416T2189-401		2	30	1
416T2189-403		2	30A	1
416T2189-404		2	30B	1
416T2189-405		2	30C	1
416T2189-407		2	30D	1
416T2189-408		2	30E	1
416T2189-51		1	122	
416T2189-52		1	139	
416T2189-53		1	146	2
416T2189-54		1	152	2
416T2189-55		1	51	1
		1	67	1
		1	127	1
		1	140	3
		1	75J	2
416T2189-56		1	150	1
		2	141	1
416T2189-57		1	149	1
		2	138	1
416T2189-58		1	156	1
		2	126	1
416T2189-59		1	155	1
		2	123	1

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
416T2189-60		1	59	1
		1	75	1
		1	131	1
		1	144	1
		1	76J	1
		2	72	1
416T2189-61		2	111	1
		1	57	1
		1	73	1
		1	76	1
		1	130	1
		1	143	1
416T2189-62		2	69	
		2	108	
		1	161	1
416T2189-63		2	153	1
		1	137	1
416T2189-64		2	90	1
		1	158	2
416T2189-65		1	111	2
		1	178	2
416T2189-66		2	206	2
		1	115	5
		1	180	5
416T2189-67		2	214	5
		1	105	1
		1	175	1
416T2189-68		2	183	1
		1	117	1
		1	181	1
416T2189-69		2	211	1
		1	119	
		1	183	2
416T2189-70		1	162	1
		2	156	1
416T2189-72		1	109	2
		1	177	2
		2	217	2
416T2189-73		1	99	6
		1	173	6
		2	177	6
416T2189-74		1	126	1
416T2189-75		1	107	1
		1	176	1
416T2189-76		2	203	1
		1	185	

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
416T2189-77		1	138	1
		2	93	1
416T2189-81		1	45	
416T2189-82		1	65	
416T2189-83		1	63	1
416T2189-84		1	121	
416T2189-85		1	49	1
416T2189-86		1	77	1
		1	171	1
		2	159	1
416T2189-87		1	61	1
416T2189-88		1	97	10
		1	97B	10
416T2189-89		1	89	8
		1	90	2
416T2189-90		1	103	1
416T2189-91		1	83	4
		1	134	2
		1	167	2
		2	78	2
		2	165	2
416T2189-92		1	87	2
		1	136	2
		1	169	2
		2	84	2
		2	171	2
416T2189-93		1	91	1
416T2189-94		1	79	4
		1	133	2
		1	165	2
		2	75	2
		2	162	2
416T2189-95		1	93	1
416T2189-96		1	85	1
		1	135	1
		1	168	1
		2	81	1
		2	168	1
416T2189-97		1	81	8
		1	132	4
		1	164	4
		1	132A	4
		1	164A	4
		2	87	4
		2	174	4
416T2189-98		1	95	1
416T2189-99		1	122A	

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
416T2192-1		2	229	
416T2192-2		2	229A	4
416T2229-1		1	101	2
		1	102	1
		1	174	1
		1	62J	1
		1	106J	2
		2	180	1
416T2249-1		1	288	
		1	288B	2
		1	288C	2
416T2249-2		1	288A	2
416T2249-3		1	288D	2
416T2249-4		2	532	2
416T2250-1		1	289	2
		2	535	2
416T2265-1		1	705	1
416T2265-2		2	235	1
416T2297-1		1	645	2
		2	250	2
416T2297-2		1	675	1
		2	256	1
416T4010-1		1	3	RF
		2	1A	RF
416T4010-3		1	3A	RF
		2	1B	RF
416T4010-4		1	3B	RF
		2	1C	RF
416T4010-5		1	3C	RF
		2	1D	RF
416T4010-7		1	3D	RF
		2	1E	RF
416T4010-8		1	3E	RF
		2	1F	RF
416T4020-2		2	496	1
416T4020-3		2	499	1
416T4020-4		2	502	1
416T4022-1		2	466	1
416T4022-3		2	469	1
416T4022-4		2	472	1
416T4110-1		2	545	1
417T2189-114		1	47B	
417T2189-115		1	47A	
6041-3BRX400		1	670	2
6041-3BR375		2	253	2
8-04056-3		2	209	10

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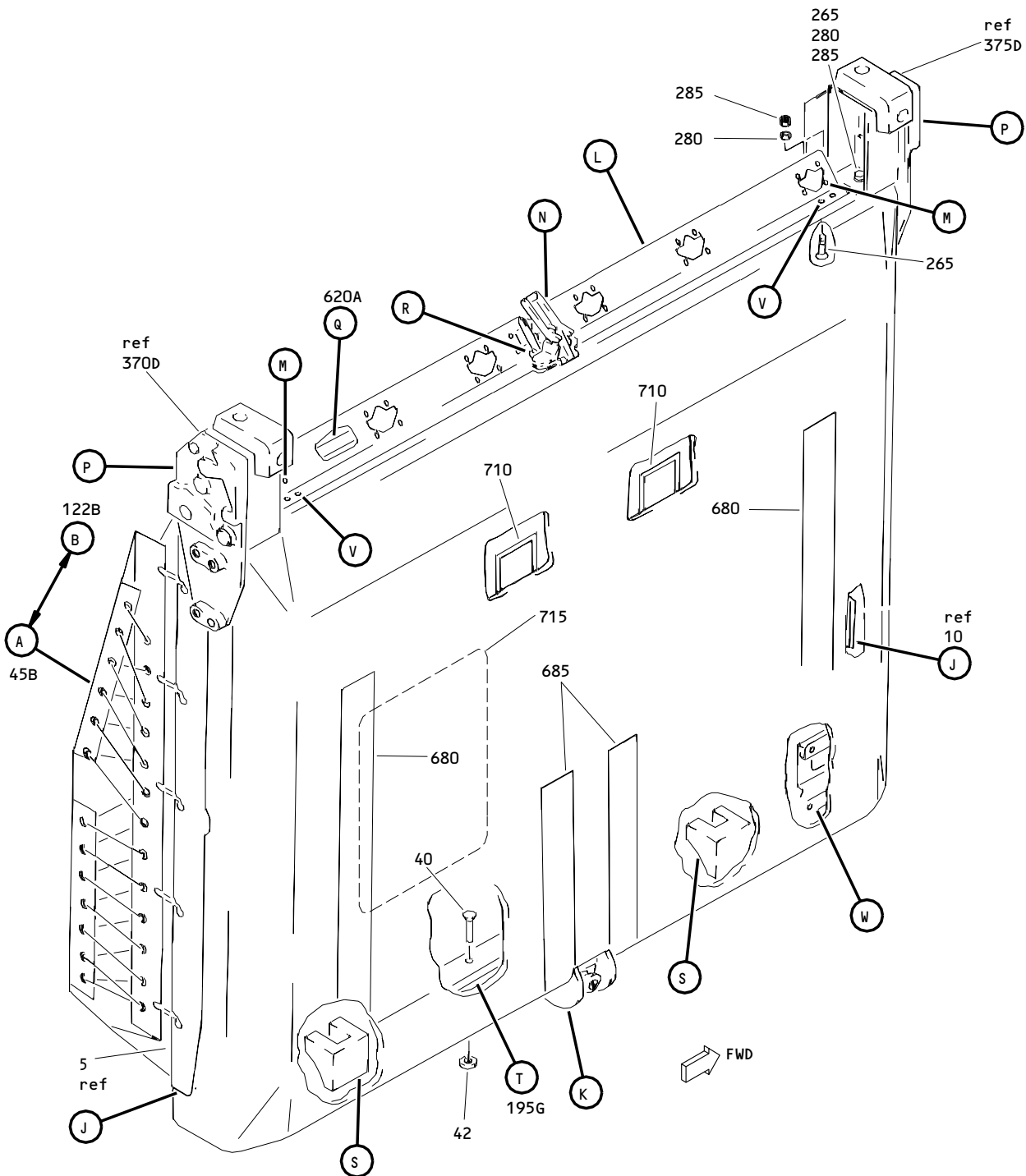
416T2003
416T4010

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PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
96-02		1	285	10
		1	422	2
		1	665	2
		1	700	4
		1	287N	4
		2	319	2

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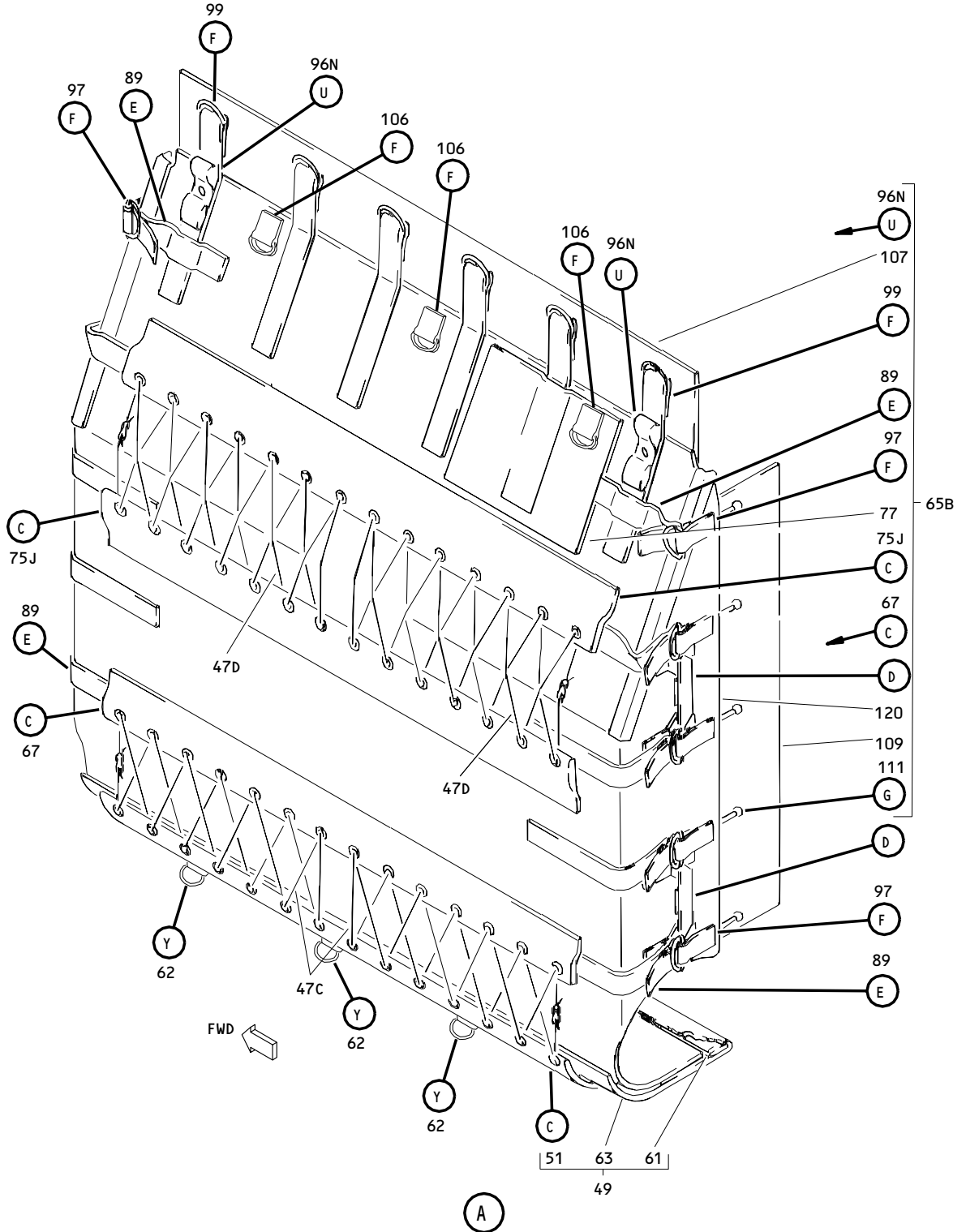
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Entry Door Escape Slide Packboard Assembly
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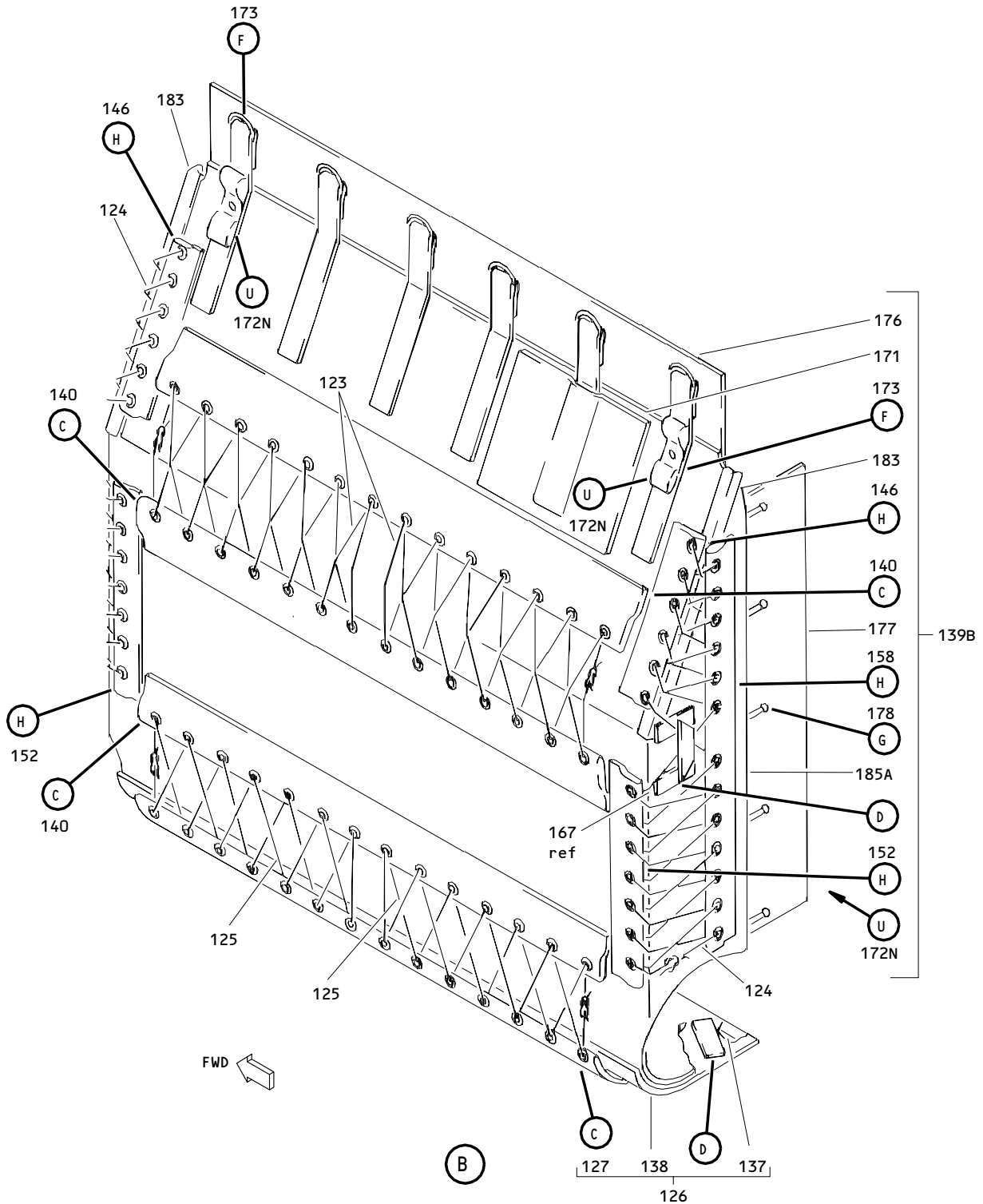
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Entry Door Escape Slide Packboard Assembly
Figure 1 (Sheet 2)

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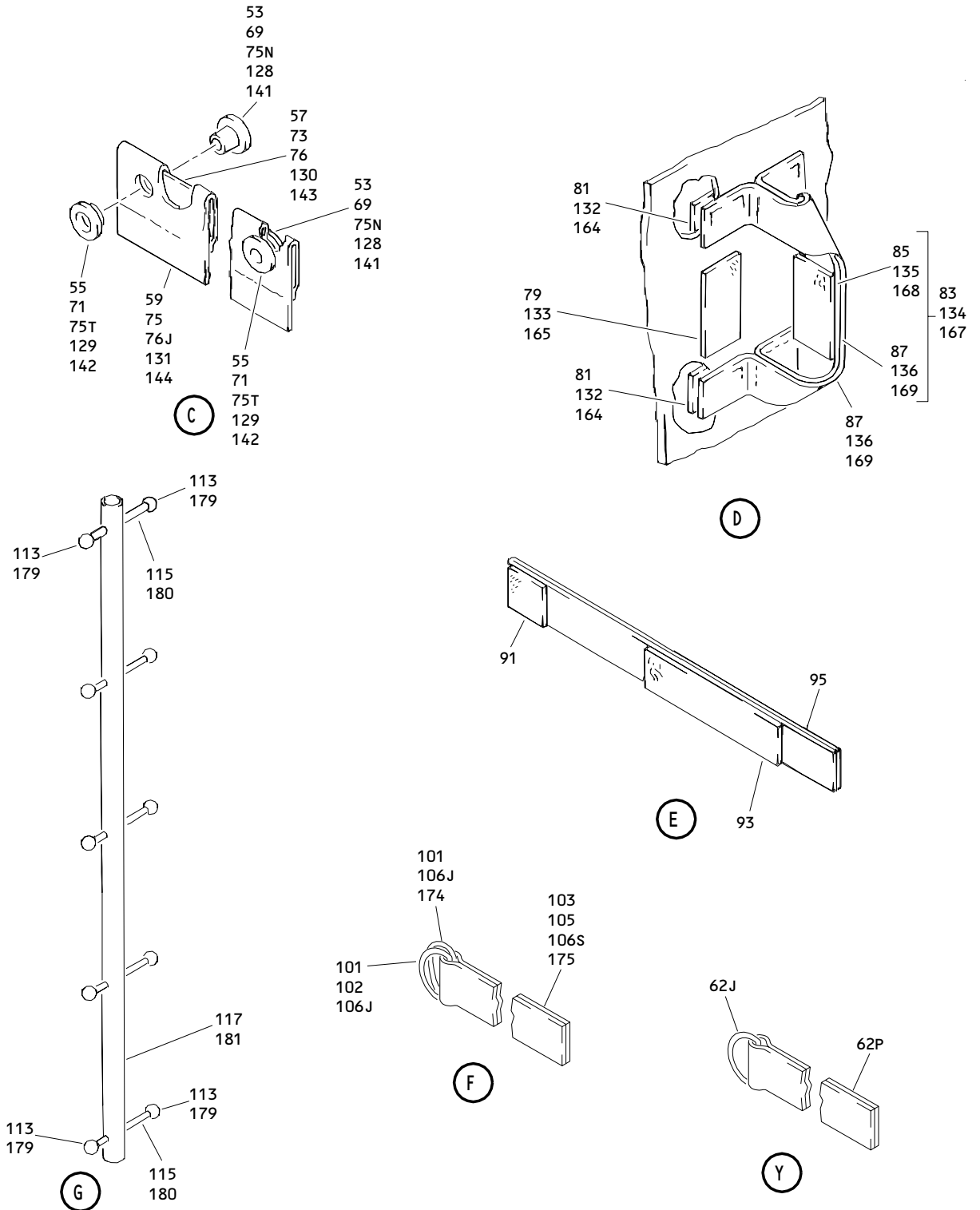
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Entry Door Escape Slide/Raft Packboard Assembly
 Figure 1 (Sheet 3)

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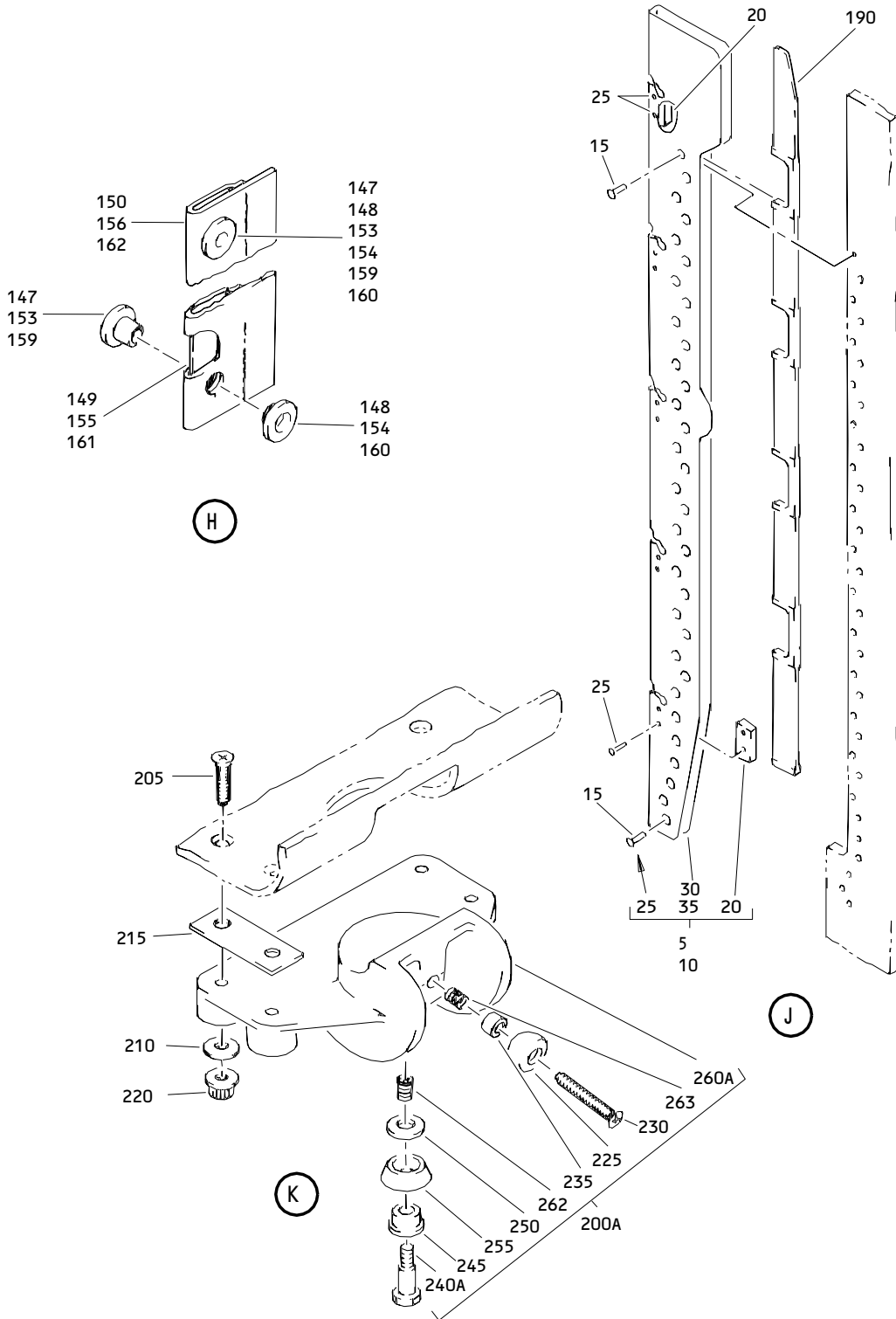
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Entry Door Escape Slide Packboard Assembly
Figure 1 (Sheet 4)

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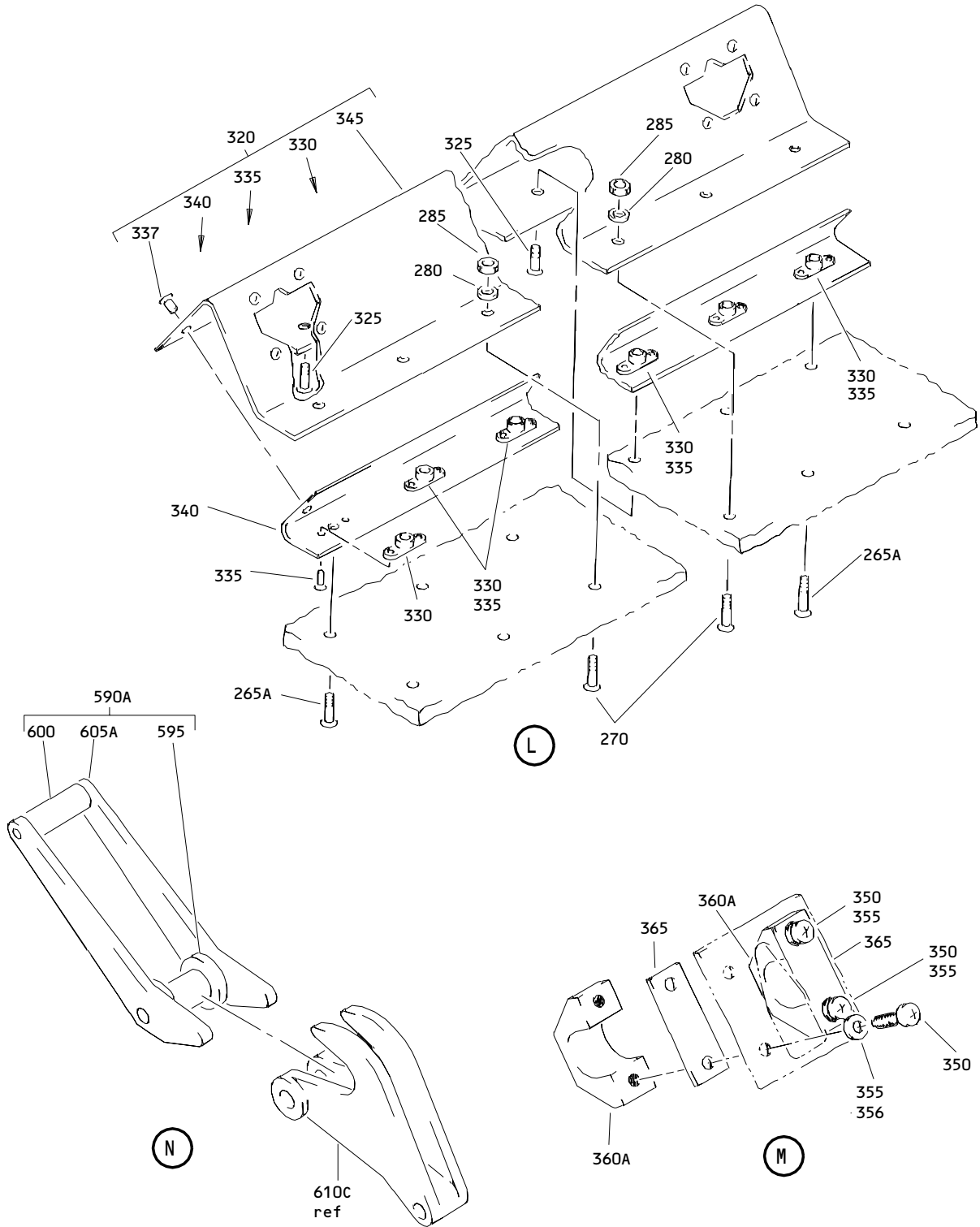
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Entry Door Escape Slide Packboard Assembly
 Figure 1 (Sheet 5)

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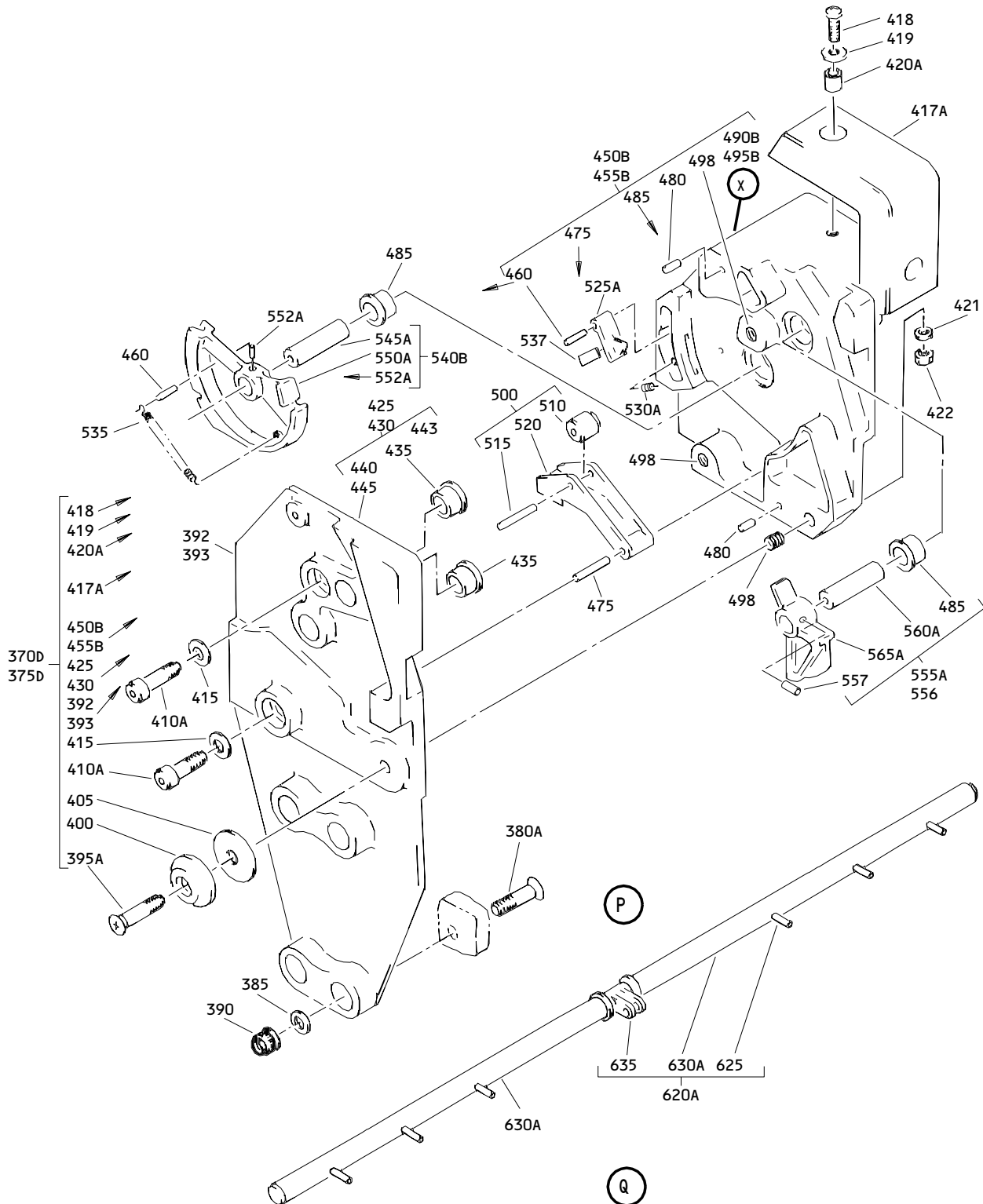
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Entry Door Escape Slide Packboard Assembly
Figure 1 (Sheet 6)

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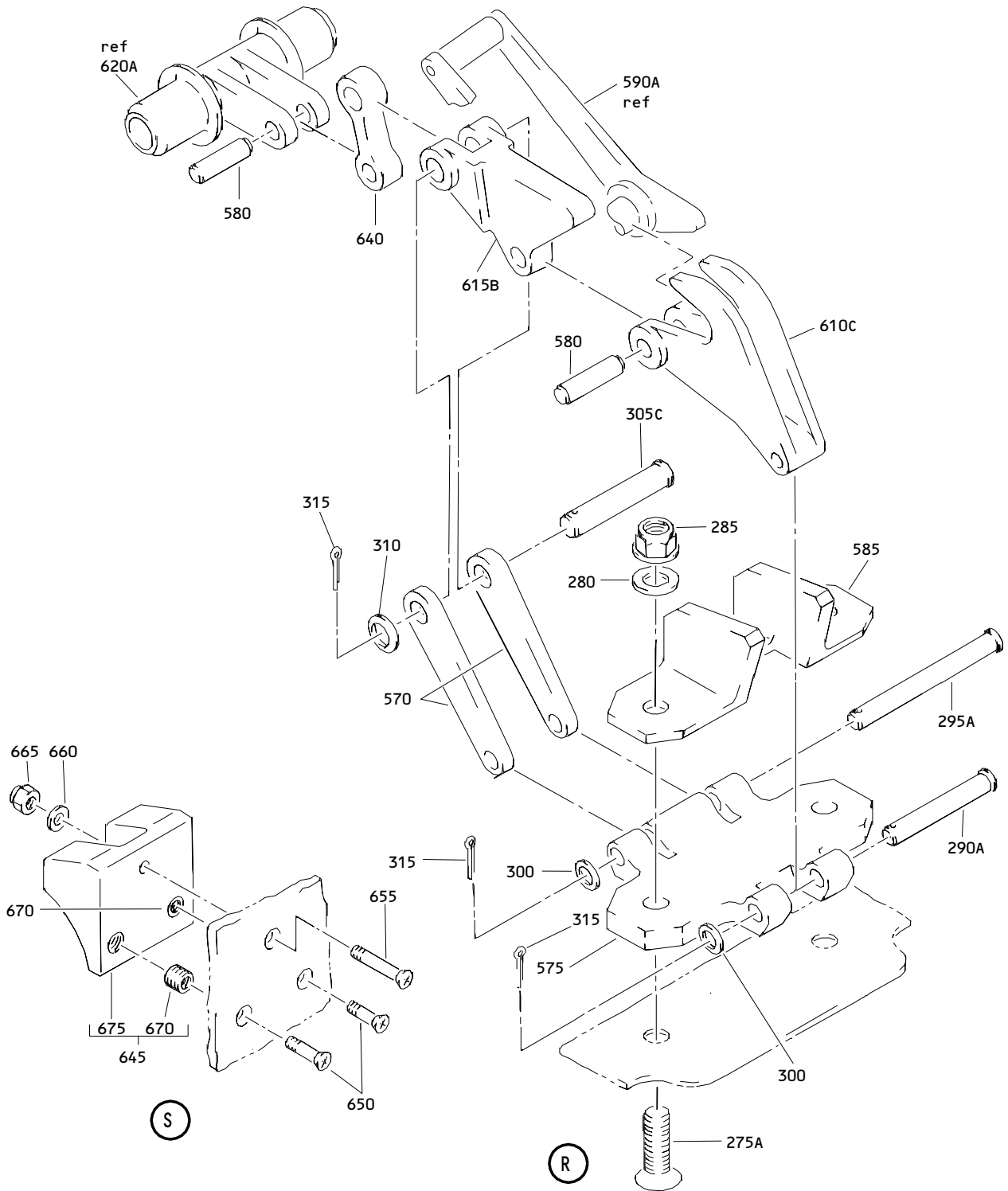
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Entry Door Escape Slide Packboard Assembly
 Figure 1 (Sheet 7)

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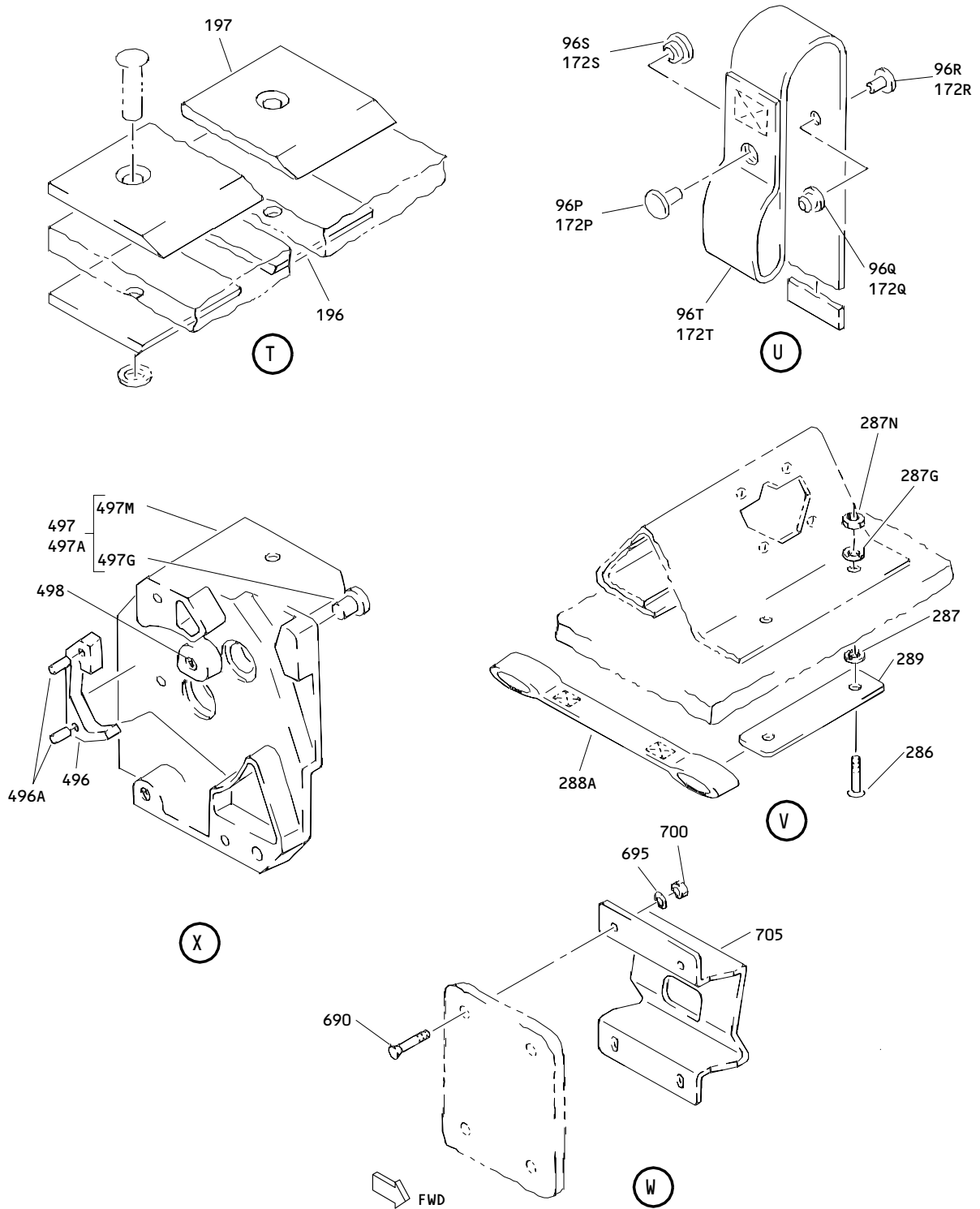
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Entry Door Escape Slide Packboard Assembly
Figure 1 (Sheet 8)

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Entry Door Escape Slide Packboard Assembly
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
-1	416T2003-1		DELETED		
-1A	416T2003-2		DELETED		
-1B	416T2003-4		DELETED		
-1C	416T2003-7		DELETED		
-1D	416T2003-8		DELETED		
-1E	416T2003-9		DELETED		
-1F	416T2003-10		DELETED		
-1G	416T2003-11		DELETED		
-1H	416T2003-12		DELETED		
-1J	416T2003-13		DELETED		
-1K	416T2003-14		PACKBOARD ASSY-ENTRY DOOR ESCAPE SLIDE	A	RF
-1L	416T2003-15		PACKBOARD ASSY-ENTRY DOOR ESCAPE SLIDE	B	RF
-1M	416T2003-25		PACKBOARD ASSY-ENTRY DOOR ESCAPE SLIDE	C	RF
-1N	416T2003-26		PACKBOARD ASSY-ENTRY DOOR ESCAPE SLIDE	D	RF
-1P	416T2003-27		DELETED		
-1Q	416T2003-29		PACKBOARD ASSY-ENTRY DOOR ESCAPE SLIDE MID-CABIN (LH)	F	RF
-1R	416T2003-30		PACKBOARD ASSY-ENTRY DOOR ESCAPE SLIDE MID-CABIN (RH)	G	RF
-3	416T4010-1		PACKBOARD ASSY-ESCAPE SLIDE /RAFT, FWD AND AFT TYPE A DOORS (RH) (FOR DETAILS SEE FIG. 2)	H	RF
-3A	416T4010-3		PACKBOARD ASSY-ESCAPE SLIDE /RAFT, FWD AND AFT TYPE A DOORS (RH) (FOR DETAILS SEE FIG. 2)	J	RF
-3B	416T4010-4		PACKBOARD ASSY-ESCAPE SLIDE /RAFT, MID CABIN TYPE A DOOR (RH) (FOR DETAILS SEE FIG. 2)	K	RF
-3C	416T4010-5		PACKBOARD ASSY-ESCAPE SLIDE /RAFT, FWD AND AFT TYPE A DOORS (RH) (FOR DETAILS SEE FIG. 2)	L	RF

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -3D	416T4010-7		PACKBOARD ASSY-ESCAPE SLIDE /RAFT, FWD AND AFT TYPE A DOORS (RH) (FOR DETAILS SEE FIG. 2)	M	RF
R -3E	416T4010-8		PACKBOARD ASSY-ESCAPE SYS TYPE A DOOR (FOR DETAILS SEE FIG. 2)	N	RF
5	416T2141-1		.CHANNEL ASSY-SIDE	A-D, F, G	1
10	416T2141-2		.CHANNEL ASSY-SIDE	A-D, F, G	1
15	BACR15CE5D		ATTACHING PARTS .RIVET- (SIZE DETERMINE ON INST) -----*-----	A-D, F, G	66
20	416T2164-5		..BLOCK-WEDGE	A-D, F, G	5
25	BACR15BA4AD		ATTACHING PARTS ..RIVET- (SIZE DETERMINE ON INST) -----*-----	A-D, F, G	10
30	416T2161-1		..CHANNEL- (USED ON ITEM 5)	A-D, F, G	1
35	416T2161-2		..CHANNEL- (USED ON ITEM 10)	A-D, F, G	1
40	BACR15BA5AD		.RIVET- (SIZE DETERMINE ON INST)	A-D, F, G	14
42	AN96OPD8		.WASHER	A-D, F, G	14
45	416T2189-81		DELETED		
45A	416T2189-101		DELETED		
45B	416T2189-109		.COVER ASSY	A	1
-45C	416T2189-119		DELETED		
-45D	416T2189-122		.COVER ASSY- (OPT ITEMS 45E, 45H)	D	1
-45E	416T2189-109		.COVER ASSY- (OPT ITEMS 45D, 45H)	D	1
-45F	416T2189-127		.COVER ASSY- (OPT ITEM 45J)	F	1
-45G	416T2189-128		.COVER ASSY- (OPT ITEM 45K)	G	1
-45H	416T2189-159		.COVER ASSY- (OPT ITEMS 45D, 45E)	D	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -45J	416T2189-147		.COVER ASSY- (OPT ITEM 45J)	F	1
-45K	416T2189-148		.COVER ASSY- (OPT ITEM 45G)	G	1
47	416T2189-20		DELETED		
47A	417T2189-115		DELETED		
47B	417T2189-114		DELETED		
47C	416T2189-115		..CORD-UPR LACING	A,D,F ,G	2
47D	416T2189-114		..CORD-LWR LACING (USED ON ITEM 45E)	A,D	2
49	416T2189-85		..COVER ASSY-TOP (USED ON ITEM 45B, 45D, 45E)	A,D	1
-49A	416T2189-121		DELETED		
-49B	416T2189-131		..COVER ASSY-TOP (USED ON ITEM 45F)	F	1
-49C	416T2189-132		..COVER ASSY-TOP (USED ON ITEM 45G)	G	1
-49D	416T2189-141		..COVER ASSY-TOP (USED ON ITEM 45J)	F	1
-49E	416T2189-142		..COVER ASSY-TOP (USED ON ITEM 45K)	G	1
-49F	416T2189-145		..COVER ASSY-TOP (USED ON ITEM 45H)	D	1
51	416T2189-55		...STRIP ASSY-LACING (USED ON ITEMS 49, 49B, 49C)	A,D,F ,G	1
-51A	416T2189-155		...STRIP ASSY-LACING (USED ON ITEMS 49D, 49E, 49F)	D,F,G	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-53	MS20230GBP2		....GROMMET- (USED ON ITEM 51)	A,D,F ,G	14
-53A	MS20230GB10		....GROMMET- (USED ON ITEM 51A)	D,F,G	14
55	MS20230WBP2		....GROMMET- (USED ON ITEM 51)	A,D,F ,G	14
-55A	MS20230WB10		....WASHER- (USED ON ITEM 51A)	D,F,G	14
57	416T2189-61		....STIFFENER	A,D,F ,G	1
59	416T2189-60		....COVER	A,D,F ,G	1
61	416T2189-87		...STIFFENER	A,D,F ,G	1
62	416T2189-125		...STRAP ASSY-D-RING	F,G	3
62J	416T2229-1		....DEE RING	F,G	1
62P	416T2189-124		....STRAP	F,G	1
63	416T2189-83		...PANEL-TOP	A,D,F ,G	1
65	416T2189-82		DELETED		
65A	416T2189-102		DELETED		
65B	416T2189-110		..COVER ASSY- (USED ON ITEM 45E)	A,D	1
-65C	416T2189-120		DELETED		
-65D	416T2189-123		..COVER ASSY- (USED ON ITEM 45D)	D	1
-65E	416T2189-129		..COVER ASSY- (USED ON ITEM 45F)	F	1
-65F	416T2189-130		..COVER ASSY- (USED ON ITEM 45G)	G	1
-65G	416T2189-139		..COVER ASSY- (USED ON ITEM 45J)	F	1
-65H	416T2189-140		..COVER ASSY- (USED ON ITEM 45K)	G	1
-65J	416T2189-160		..COVER ASSY- (USED ON ITEM 45H)	D	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-67	416T2189-55		...STRIP ASSY-LACING (USED ON ITEMS 65B, 65D, 65E, 65F)	A,D,F ,G	1
-67A	416T2189-155		...STRIP ASSY-LACING (USED ON ITEMS 65G, 65H, 65J)	D,F,G	1
69	MS20230GBP2		....GROMMET- (USED ON ITEM 67)	A,D,F ,G	14
-69A	MS20230GB10		....GROMMET- (USED ON ITEM 67A)	D,F,G	14
71	MS20230WBP2		....GROMMET- (USED ON ITEM 67)	A,D,F ,G	14
-71A	MS20230WB10		....WASHER- (USED ON ITEM 67A)	D,F,G	14
73	416T2189-61		....STIFFENER	A,D,F ,G	1
75	416T2189-60		....COVER	A,D,F ,G	1
75J	416T2189-55		...STRIP ASSY-LACING (USED ON ITEM 65B)	A,D	2
75N	MS20230GBP2		....GROMMET	A,D	14
75T	MS20230WBP2		....GROMMET	A,D	14
76	416T2189-61		....STIFFENER	A,D	1
76J	416T2189-60		....COVER	A,D	1
77	416T2189-86		...POCKET	A,D,F ,G	1
79	416T2189-94		...VELCRO-HOOK	A,D,F ,G	4
81	416T2189-97		...SUPPORT-HANDLE	A,D,F ,G	8
83	416T2189-91		...HANDLE ASSY	A,D,F ,G	4
85	416T2189-96	VELCRO-PILE	A,D,F ,G	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-87	416T2189-92		....WEBBING	A,D,F ,G	2
89	416T2189-89		...STRAP ASSY	A,D,F ,G	8
90	416T2189-89		...STRAP ASSY	A,D	2
-90A	416T2189-133		...STRAP ASSY	F,G	2
91	416T2189-93		....VELCRO-HOOK	A,D,F ,G	1
93	416T2189-95		....VELCRO-PILE	A,D,F ,G	1
93A	416T2189-135		....VELCRO-PILE	F,G	1
95	416T2189-98		....STRAP	A,D,F ,G	1
-95A	416T2189-134		....WEBBING	F,G	1
96G	416T2189-105		DELETED		
96H	MS27981-1N		DELETED		
96J	MS27981-4N		DELETED		
96K	MS27981-6N		DELETED		
96L	MS27981-3N		DELETED		
96M	416T2189-106		DELETED		
96N	416T2189-111		...STRAP ASSY-RESTRAIN	A,D,F ,G	2
96P	MS27983-1N		....BUTTON	A,D,F ,G	1
96Q	MS27983-3N		....STUD	A,D,F ,G	1
96R	MS27983-4N		....EYELET	A,D,F ,G	1
96S	MS27983-2N		....SOCKET	A,D,F ,G	1
96T	416T2189-112		....WEBBING	A,D,F ,G	1
97	416T2189-88		...STRAP ASSY-D RING (USED ON ITEMS 65B, 65E 65F, 65G, 65H)	A,D,F ,G	10
-97A	416T2189-126		...STRAP ASSY-D RING (OPT ITEM 97B) (USED ON ITEM 65D)	D	10
-97B	416T2189-88		...STRAP ASSY-D RING (OPT ITEM 97A) (USED ON ITEM 65D)	D	10
-97C	416T2189-126		...STRAP ASSY-D RING (USED ON ITEM 65J)	D	10

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-99	416T2189-73		...STRAP ASSY-D RING	A,D,F ,G	6
101	416T2229-1		....DEE RING- (USED ON ITEMS 97, 97A, 97B, 97C)	A,D,F ,G	2
102	416T2229-1		....DEE RING- (USED ON ITEM 99)	A,D,F ,G	1
103	416T2189-90		....STRAP- (USED ON ITEMS 97, 97B)	A,D,F ,G	1
-103A	416T2189-124		....STRAP- (USED ON ITEM 97A)	D	1
105	416T2189-67		....STRAP- (USED ON ITEM 99)	A,D,F ,G	1
106	416T2189-126		...STRAP ASSY-D RING	F,G	3
106J	416T2229-1		....DEE RING	F,G	2
106S	416T2189-124		....STRAP	F,G	1
107	416T2189-75		...COVER-FLAP	A,D	1
109	416T2189-72		...STRIP-PROTECTIVE	A,D,F ,G	2
111	416T2189-65		...STIFFENER ASSY	A,D,F ,G	2
113	BA3-3	TERMINAL- (V65196) (SPEC BACT14B3) (OPT HI2487-3 (V26590)) (OPT HT200-3 (V83014)) (OPT RA2487-3 (V80523)) (OPT BM2487-3 (V22277)) (OPT BM2487-3 (V22277))	A,D,F ,G	10

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
115	416T2189-66		....CABLE	A,D,F ,G	5
117	416T2189-68		....STIFFENER	A,D,F ,G	1
119	416T2189-69		DELETED		
120	416T2189-104		...COVER-MAIN	A,D,F ,G	1
121	416T2189-84		DELETED		
121A	416T2189-104		DELETED		
122	416T2189-51		DELETED		
122A	416T2189-99		DELETED		
122B	416T2189-107		.COVER ASSY	B	1
-122C	416T2189-107		.COVER ASSY- (OPT ITEM 122D)	C	1
-122D	416T2189-157		.COVER ASSY-S/R (OPT ITEM 122C)	C	1
123	416T2189-20		..CORD-LWR LACING	B,C	2
124	416T2189-21		..CORD-SIDE LACING	B,C	2
125	416T2189-116		..CORD-UPR LACING	B,C	2
126	416T2189-74		..PANEL ASSY-TOP (USED ON ITEM 122C)	B,C	1
-126A	416T2189-144		..PANEL ASSY-TOP (USED ON ITEM 120D)	C	1
127	416T2189-55		...STRIP ASSY-LACING (USED ON ITEM 126)	B,C	1
127A	416T2189-116		DELETED		
-127B	416T2189-155		...STRIP ASSY-LACING (USED ON ITEM 126A)	C	1
128	MS20230GBP2	GROMMET- (USED ON ITEM 127)	B,C	14
-128A	MS20230GB10	GROMMET- (USED ON ITEM 127B)	C	14

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-129	MS20230WBP2		....GROMMET- (USED ON ITEM 127)	B,C	14
-129A	MS20230WB10		....WASHER- (USED ON ITEM 127B)	C	14
130	416T2189-61		....STIFFENER	B,C	1
131	416T2189-60		....COVER	B,C	1
132	416T2189-97		...SUPPORT-HANDLE (USED ON ITEM 126)	B,C	4
-132A	416T2189-97		...SUPPORT-HANDLE (USED ON ITEM 126A)	C	4
133	416T2189-94		...VELCRO-HOOK	B,C	2
134	416T2189-91		...HANDLE ASSY	B,C	2
135	416T2189-96		....VELCRO-PILE	B,C	1
136	416T2189-92		....WEBBING	B,C	2
137	416T2189-63		...STIFFENER	B,C	1
138	416T2189-77		...COVER	B,C	1
139	416T2189-52		DELETED		
139A	416T2189-100		DELETED		
139B	416T2189-108		..COVER ASSY- (USED ON ITEM 122C)	B,C	1
-139C	416T2189-158		..COVER ASSY- (USED ON ITEM 122D)	C	1
140	416T2189-55		...STRIP ASSY-LACING (USED ON ITEM 139B)	B,C	3
-140A	416T2189-155		...STRIP ASSY-LACING (USED ON ITEM 139C)	C	3
141	MS20230GBP2		....GROMMET- (USED ON ITEM 140)	B,C	14
-141A	MS20230GB10		....GROMMET- (USED ON ITEM 140A)	C	14
142	MS20230WBP2		....GROMMET- (USED ON ITEM 140)	B,C	14
-142A	MS20230WB10		....WASHER- (USED ON ITEM 140A)	C	14
143	416T2189-61		....STIFFENER	B,C	1
144	416T2189-60		....COVER	B,C	1
146	416T2189-53		...STRIP ASSY-LACING (USED ON ITEM 139B)	B,C	2
-146A	416T2189-153		...STRIP ASSY-LACING (USED ON ITEM 139C)	C	2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-147	MS20230GBP2		....GROMMET- (USED ON ITEM 146)	B,C	6
-147A	MS20230GB10		....GROMMET- (USED ON ITEM 146A)	C	6
148	MS20230WBP2		....GROMMET- (USED ON ITEM 146)	B,C	6
-148A	MS20230WB10		....WASHER- (USED ON ITEM 146A)	C	6
149	416T2189-57		....STIFFENER-SIDE BOTTOM	B,C	1
150	416T2189-56		....COVER-STIFFENER	B,C	1
152	416T2189-54		...STRIP ASSY-LACING (USED ON ITEM 139B)	B,C	2
-152A	416T2189-154		...STRIP ASSY-LACING (USED ON ITEM 139C)	C	2
153	MS20230GBP2		....GROMMET- (USED ON ITEM 152)	B,C	7
-153A	MS20230GB10		....GROMMET- (USED ON ITEM 152A)	C	7
154	MS20230WBP2		....GROMMET- (USED ON ITEM 152)	B,C	7
-154A	MS20230WB10		....WASHER- (USED ON ITEM 152A)	C	7
155	416T2189-59		....STIFFENER	B,C	1
156	416T2189-58		....COVER	B,C	1
158	416T2189-64		...STRIP ASSY-LACING (USED ON ITEM 139B)	B,C	2
-158A	416T2189-152		...STRIP ASSY-LACING (USED ON ITEM 139C)	C	2
159	MS20230GBP2		....GROMMET- (USED ON ITEM 158)	B,C	13
-159A	MS20230GB10		....GROMMET- (USED ON ITEM 158A)	C	13
160	MS20230WBP2		....GROMMET- (USED ON ITEM 158)	B,C	13
-160A	MS20230WB10		....WASHER- (USED ON ITEM 158A)	C	13
161	416T2189-62		....STIFFENER	B,C	1
162	416T2189-70		....COVER	B,C	1
164	416T2189-97		...SUPPORT-HANDLE (USED ON ITEM 139B)	B,C	4
-164A	416T2189-97		...SUPPORT-HANDLE (USED ON ITEM 139C)	C	4
165	416T2189-94		...VELCRO-HOOK	B,C	2
167	416T2189-91		...HANDLE ASSY	B,C	2
168	416T2189-96	VELCRO-PILE	B,C	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
169	416T2189-92		....WEBBING	B,C	2
171	416T2189-86		...POCKET	B,C,G	1
172G	416T2189-105		DELETED		
172H	MS27981-1N		DELETED		
172J	MS27891-4N		DELETED		
172K	MS27891-6N		DELETED		
172L	MS27891-3N		DELETED		
172M	416T2189-106		DELETED		
172N	416T2189-111		...STRAP ASSY-RESTRAIN	B,C	2
172P	MS27983-1N		....BUTTON	B,C	1
172Q	MS27983-3N		....STUD	B,C	1
172R	MS27983-4N		....EYELET	B,C	1
172S	MS27983-2N		....SOCKET	B,C	1
172T	416T2189-112		....WEBBING	B,C	1
173	416T2189-73		...STRAP ASSY-DEE RING	B,C	6
174	416T2229-1		....DEE RING	B,C	1
175	416T2189-67		....STRAP	B,C,G	1
176	416T2189-75		...COVER-FLAP	B,C	1
177	416T2189-72		...STRIP-PROTECTIVE	B,C,G	2
178	416T2189-65		...STIFFENER ASSY	B,C,G	2
179	BA3-3	TERMINAL (V65196) (SPEC BACT14B3) (OPT HI2487-3 (V26590)) (OPT HT200-3 (V83014)) (OPT RA2487-3 (V80523)) (OPT BM2487-3 (V22277)) (OPT BM2487-3 (V22277))	B,C,G	10

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
180	416T2189-66		....CABLE	B,C,G	5
181	416T2189-68		....STIFFENER	B,C,G	1
183	416T2189-69		...TAPE	B,C	2
184	416T2189-103		...COVER-MAIN (USED ON ITEM 139C)	C	1
185	416T2189-76		DELETED		
185A	416T2189-103		..COVER-MAIN (USED ON ITEM 122C)	B,C	1
190	416T2147-1		.BAR-RELEASE	A-D,F ,G	2
195	416T2146-1		DELETED		
-195A	416T2146-2		DELETED		
195B	416T2146-5		DELETED		
-195C	416T2146-6		DELETED		
195D	416T2146-7		DELETED		
-195E	416T2146-8		DELETED		
195F	416T2146-9		DELETED		
195G	416T2146-10		.SHELL ASSY	A-D,F ,G	1
196	416T2155-1		..STRAP	A-D,F ,G	1
197	416T2155-2		..STRAP	A-D,F ,G	1
200	416T2143-1		DELETED		
200A	416T2143-2		.SUPPORT ASSY-UPR	A-D	1
-200B	416T2143-3		.SUPPORT ASSY-UPR ATTACHING PARTS	F,G	1
205	NAS514P1032-14P		.SCREW	A-D,F ,G	4

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-210	AN960-10L		.WASHER	A-D,F /G	4
215	BACS40R08E18F		.SHIM	A-D,F /G	2
220	NAS1804-3		.NUT	A-D,F /G	4
			-----*-----		
225	416T2159-4		..BUTTON	A-D,F /G	1
			ATTACHING PARTS		
230	NAS514P1032-14		..SCREW	A-D,F /G	1
235	NAS1057T3-025		..SPACER	A-D,F /G	1
			-----*-----		
240	BACB30LJ4-5P		DELETED		
240A	BACB30LJ4-5		..BOLT	A-D,F /G	1
245	416T2164-1		..BUSHING	A-D,F /G	1
250	AN960-416L		..WASHER	A-D,F /G	1
255	416T2164-6		..ROLLER	A-D,F /G	1
260	416T2163-1		DELETED		
260A	416T2163-3		..FITTING ASSY	A-D	1
-260B	416T2163-5		..FITTING ASSY	F,G	1
262	MS21209F4-15		...INSERT	A-D,F /G	1
263	MS21209F1-15		...INSERT	A-D,F /G	1
265	BACB30LH3-7		.BOLT	A-D,F /G	4
270	NAS514P1032-10P		.SCREW	A-D,F /G	4
275	NAS514P1032-14P		DELETED		
275A	NAS514P1032-15P		.SCREW	A-D,F /G	2
280	AN960-10L		.WASHER	A-D,F /G	10

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-285	H10-3BAC		.NUT- (V15653) (SPEC BACN10JC3) (OPT NS202101-02 (V80539)) (OPT RMLH9075-3W (V72962)) (OPT T6S1032J (V71087)) (OPT VN303A02 (V92215)) (OPT 96-02 (V80539)) (OPT BRH10A3 (V52828))	A-D,F ,G	10
286	BACB30LH3-7		.BOLT	A-D,F ,G	4
287	AN960-516		.WASHER	A-D,F ,G	4
287G	AN960-10L		.WASHER	A-D,F ,G	4
287N	H10-3BAC		.NUT- (V15653) (SPEC BACN10JC3) (OPT NS202101-02 (V80539)) (OPT RMLH9075-3W (V72962)) (OPT T6S1032J (V71087)) (OPT VN303A02 (V92215)) (OPT 96-02 (V80539)) (OPT BRH10A3 (V52828))	A-D,F ,G	4
288	416T2249-1		DELETED		
288A	416T2249-2		.STRAP-TETHERING (OPT ITEM 288B)	A	2
-288B	416T2249-1		.STRAP-TETHERING (OPT ITEM 288A)	A	2
-288C	416T2249-1		.STRAP-TETHERING	B,D	2
-288D	416T2249-3		.STRAP-TETHERING	F,G	2
289	416T2250-1		.PLATE-TETHERING		2
290	MS203921C27		DELETED		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- 290A	MS20392-1C27		.PIN-DRILLED SHANK	A-D,F ,G	1
295 295A	MS203921C37 MS20392-1C37		DELETED .PIN-DRILLED SHANK	A-D,F ,G	1
300	NAS620-5		.WASHER	A-D,F ,G	2
305 305A 305B 305C	MS203922C21 MS203922C23 MS203922C23 MS20392-2C23		DELETED DELETED DELETED .PIN-DRILLED SHANK (OPT ITEM 305D)	A,B	1
-305D	MS20392-2R23		.PIN-DRILLED SHANK (OPT ITEM 305C)	A,B	1
-305E 310	MS20392-2R23 NAS620-10L		.PIN-DRILLED SHANK .WASHER	C,D A-D,F ,G	1 1
315	MS24665-132		.PIN-COTTER	A-D,F ,G	3
320 -320A	416T2144-1 416T2144-2		.CHANNEL ASSY-LWR .CHANNEL ASSY-LWR	A,B C,D,F ,G	1 1
325	BACB30LL3-6		ATTACHING PARTS .BOLT	A-D,F ,G	10
330	K1000-3BAC		-----*----- .NUTPLATE- (V15653) (SPEC BACN10JR3) (OPT NS103202-02 (V80539)) (OPT RMA9201-3 (V72962)) (OPT T8088S1032 (V11815)) (OPT VN102A1-02 (V92215)) (OPT BR2000A3 (V52828)) ATTACHING PARTS	A-D,F ,G	12

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-335	BACR15BA3AD		..RIVET- (SIZE DETERMINE ON INST) -----*-----	A-D,F ,G	24
337	BACR15BA4AD2		..RIVET	A-D,F ,G	9
340	416T2165-2		..ANGLE	A-D,F ,G	1
345	416T2165-1		..CHANNEL	A-D,F ,G	1
350	NAS603-9		.SCREW	A-D,F ,G	28
355	AN960-10L		.WASHER	A-D,F ,G	28
356	AN960KD10LL		.WASHER	A-D,F ,G	AR
360	416T2159-1		DELETED		
360A	416T2159-6		.BLOCK-BRG	A-D,F ,G	14
365	416T2159-2		.PAD-BRG	A-D,F ,G	14
370	416T2157-1		DELETED		
370A	416T2157-7		DELETED		
370B	416T2157-9		DELETED		
370C	416T2157-13		DELETED		
370D	416T2003-17		.MECHANISM ASSY-RELEASE	A-D,F ,G	1
375	416T2157-2		DELETED		
375A	416T2157-8		DELETED		
375B	416T2157-10		DELETED		
375C	416T2157-14		DELETED		
375D	416T2003-18		.MECHANISM ASSY-RELEASE	A-D,F ,G	1
			ATTACHING PARTS		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-380	BACB30LL3-8		DELETED		
380A	BACB30LL3-10		.BOLT	A-D,F /G	8
385	AN960-10L		.WASHER	A-D,F /G	8
390	NAS1804-3		.NUT	A-D,F /G	8
			-----*		
392	416T2157-15		..FITTING ASSY-LWR (USED ON ITEM 370D)	A-D,F /G	1
393	416T2157-16		..FITTING ASSY-LWR (USED ON ITEM 375D)	A-D,F /G	1
395	BACB30LU3-8		DELETED		
395A	BACB30LU3-8		...BOLT	A-D,F /G	1
400	416T2164-16		...WASHER	A-D,F /G	1
405	416T2164-17		...SPACER	A-D,F /G	1
410	NAS1351C3LE10		DELETED		
410A	NAS1351C3-10P		...SCREW- (OPT ITEM 410B)	A-D,F /G	2
-410B	BACS12GU3K8		...SCREW- (OPT ITEM 410A)	A-D,F /G	2
415	AN960-10L		...WASHER	A-D,F /G	2
417	416T2159-3		DELETED		
417A	416T2159-5		...BUMPER	A-D,F /G	1
			ATTACHING PARTS		
418	NAS603-13		...SCREW	A-D,F /G	2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-419	BACW10P136AL		...WASHER	A-D,F ,G	2
420	NAS43HT3-23		DELETED		
420A	NAS43HT3-23		...SPACER	A-D,F ,G	2
421	AN960-10L		...WASHER	A-D,F ,G	2
422	H10-3BAC		...NUT- (V15653) (SPEC BACN10JC3) (OPT NS202101-02 (V80539)) (OPT RMLH9075-3W (V72962)) (OPT T6S1032J (V71087)) (OPT VN303A02 (V92215)) (OPT 96-02 (V80539)) (OPT BRH10A3 (V52828)) -----*	A-D,F ,G	2
425	416T2157-3		...PLATE ASSY-END (MATCHED SET) (USED ON ITEM 392)	A-D,F ,G	1
430	416T2157-4		...PLATE ASSY-END (MATCHED SET) (USED ON ITEM 393)	A-D,F ,G	1
432	BACB30LU3-8		DELETED		
433	NAS43HT3-23		DELETED		
435	BACB28X5M030		....BUSHING	A-D,F ,G	2
440	416T2168-1		....PLATE-END (USED ON ITEM 425)	A-D,F ,G	1
445	416T2168-2		....PLATE-END (USED ON ITEM 430)	A-D,F ,G	1
450	416T2157-5		DELETED		
450A	416T2157-11		DELETED		
450B	416T2157-17		...BODY ASSY-(MATCHED SET) (USED ON ITEM 392)	A-D,F ,G	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
455	416T2157-6		DELETED		
455A	416T2157-12		DELETED		
455B	416T2157-18		....BODY ASSY-(MATCHED SET) (USED ON ITEM 393)	A-D,F ,G	1
460	MS16562-26		....PIN-SPR	A-D,F ,G	3
465	MS16562-31		DELETED		
470	NAS607-1-5P		DELETED		
475	NAS607-2-7P		....PIN-DOWEL	A-D,F ,G	1
480	NAS607-3-4P		....PIN-DOWEL	A-D,F ,G	2
485	BACB28X5M030		....BUSHING	A-D,F ,G	2
490	416T2169-1		DELETED		
490A	416T2169-5		DELETED		
490B	416T2169-7		....BODY ASSY- (USED ON ITEM 450B) (OPT ITEM 490C)	A-D,F ,G	1
-490C	416T2169-15		....BODY ASSY- (USED ON ITEM 450B) (OPT ITEM 490B)	A-D,F ,G	1
495	416T2169-2		DELETED		
495A	416T2169-6		DELETED		
495B	416T2169-8	BODY ASSY- (USED ON ITEM 455B) (OPT ITEM 495C)	A-D,F ,G	1
-495C	416T2169-16	BODY ASSY- (USED ON ITEM 455B) (OPT ITEM 495B)	A-D,F ,G	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-496	416T2169-14		.....HOUSING-DETENT (USED ON ITEMS 490C, 495C)	A-D,F ,G	1
496A	MS16562-25		.....PIN-SPR	A-D,F ,G	2
497	416T2169-11		.....BODY ASSY-SUB (USED ON ITEM 490C)	A-D,F ,G	1
497A	416T2169-12		.....BODY ASSY-SUB (USED ON ITEM 495C)	A-D,F ,G	1
497G	416T2169-13		.....PLUG- (USED ON ITEMS 490C 495C)	A-D,F ,G	1
497M	416T2169-17		.....BODY- (USED ON ITEM 497)	A-D,F ,G	1
-497P	416T2169-18		.....BODY- (USED ON ITEM 497A)	A-D,F ,G	1
498	MS21209F1-20P		.....INSERT- (USED ON ITEMS 490B, 495B)	A-D,F ,G	3
500	416T2174-1		..ARM ASSY-STOP	A-D,F ,G	2
510	416T2164-8		...ROLLER	A-D,F ,G	1
515	416T2164-19		ATTACHING PARTS ...PIN-ROLLER	A-D,F ,G	1
520	416T2174-2		-----*----- ...ARM	A-D,F ,G	1
525	416T2170-1		DELETED		
525A	416T2170-3		..DETENT	A-D,F ,G	1

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 **BOEING**
COMPONENT
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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
530	MS24585-1089		DELETED		
530A	MS24585-1099		..SPRING- (OPT ITEM 530B)	A-D,F ,G	1
-530B	RCS3452		..SPRING- (V08205) (OPT ITEM 530A)	A-D,F ,G	1
535	MS24586-501		..SPRING	A-D,F ,G	2
537	416T2003-19		..FILLER- (OPT ITEM 537A)	A-D,F ,G	AR
-537A	BACF3F002B003NN		..FILLER- (OPT ITEM 537)	A-D,F ,G	AR
-537B	416T2003-20		..FILLER	A-D,F ,G	AR
-537C	416T2003-21		..FILLER	A-D,F ,G	AR
540	416T2177-1		DELETED		
540A	416T2177-4		DELETED		
540B	416T2177-5		..QUADRANT ASSY- (OPT ITEM 540C)	A-D,F ,G	2
-540C	416T2177-8		..QUADRANT ASSY- (OPT ITEM 540B)	A-D,F ,G	2
545	416T2164-9		DELETED		
545A	416T2164-32		...PIN	A-D,F ,G	1
550	416T2177-2		DELETED		
550A	416T2177-7		...QUADRANT- (USED ON ITEM 540B)	A-D,F ,G	1
-550B	416T2177-2		...QUADRANT- (USED ON ITEM 540C)	A-D,F ,G	1
552	MS16565-25		DELETED		
552A	MS16562-25		...PIN-SPR	A-D,F ,G	1
555	416T2176-1		DELETED		
555A	416T2176-4		..PAWL ASSY- (OPT ITEM 556)	A-D,F ,G	2
556	416T2176-7		..PAWL ASSY- (OPT ITEM 555A)	A-D,F ,G	2
557	MS16562-25		...PIN- (USED ON ITEM 556)	A-D,F ,G	1
560	416T2164-9		DELETED		
560A	416T2164-32		...PIN	A-D,F ,G	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
565	416T2176-2		DELETED		
565A	416T2176-5		...PAWL	A-D,F ,G	1
570	416T2164-13		.LINK-CONN.	A-D,F ,G	2
575	416T2164-4		.HINGE	A-D,F ,G	1
580	416T2164-18		.PIN	A-D,F ,G	2
585	416T2164-11		.BLOCK-CAM	A-D,F ,G	1
590	416T2148-1		DELETED		
590A	416T2148-2		.CAM ASSY	A-D,F ,G	1
595	416T2164-10		..PIN-PIVOT	A-D,F ,G	1
600	416T2164-7		..PIN-SPACER	A-D,F ,G	1
605	416T2164-12		DELETED		
605A	416T2164-34		..CAM	A-D,F ,G	2
610	416T2151-1		DELETED		
610A	416T2151-3		DELETED		
610B	416T2151-5		DELETED		
610C	416T2151-3		.LINK-HINGE	A,B	1
-610D	416T2151-4		.LINK-HINGE	C,D,F ,G	1
615	416T2154-1		DELETED		
615A	416T2154-3		DELETED		
615B	416T2154-5		.LINK-HINGE	A-D,F ,G	1
620	416T2152-1		DELETED		
620A	416T2152-2		.SHAFT ASSY	A,B	1
-620B	416T2152-3		.SHAFT ASSY	C,D,F ,G	1
625	416T2164-14		..PIN	A-D,F ,G	6
630	416T2164-2		DELETED		
630A	416T2164-33		..TUBE	A-D,F ,G	2
635	416T2156-1		..CONNECTOR	A,B,F ,G	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01- -635A	416T2156-3		. .CONNECTOR	C,D,F G	1
640	416T2164-3		.CONNECTOR-ROD	A,B	1
-640A	416T2164-36		.CONNECTOR-ROD	C,D,F G	1
645	416T2297-1		.BLOCK ASSY-SPRT INFLATION CYL ATTACHING PARTS	A-D,F G	2
650	BACB30LR3-4		.BOLT	A-D,F G	4
655	BACB30LR3-9		.BOLT	A-D,F G	2
-655A	BACB30LR3-4		DELETED		
-655B	BACB30NN3C9		DELETED		
660	AN960-10L		.WASHER	A-D,F G	2
665	H10-3BAC		.NUT- (V15653) (SPEC BACN10JC3) (OPT NS202101-02 (V80539)) (OPT RMLH9075-3W (V72962)) (OPT T6S1032J (V71087)) (OPT VN303A02 (V92215)) (OPT 96-02 (V80539)) (OPT BRH10A3 (V52828)) -----*	A-D,F G	2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-670	6041-3BRX400		..INSERT- (V01556)	A-D,F ,G	2
675	416T2297-2		..BLOCK	A-D,F ,G	1
680	416T2003-5		.STRIP-BUMPER	A-D,F ,G	2
685	416T2003-6		.STRIP-BUMPER	A-D,F ,G	2
690	BACB30LR3-6		.BOLT	A-D,F ,G	4
-690A	BACB30LR3P6		DELETED		
695	AN960-10L		.WASHER	A-D,F ,G	4
700	H10-3BAC		.NUT- (V15653) (SPEC BACN10JC3) (OPT NS202101-02 (V80539)) (OPT RMLH9075-3W (V72962)) (OPT T6S1032J (V71087)) (OPT VN303A02 (V92215)) (OPT 96-02 (V80539)) (OPT BRH10A3 (V52828))	A-D,F ,G	4
705	416T2265-1		.BRACKET-LOCATOR	A-D,F ,G	1

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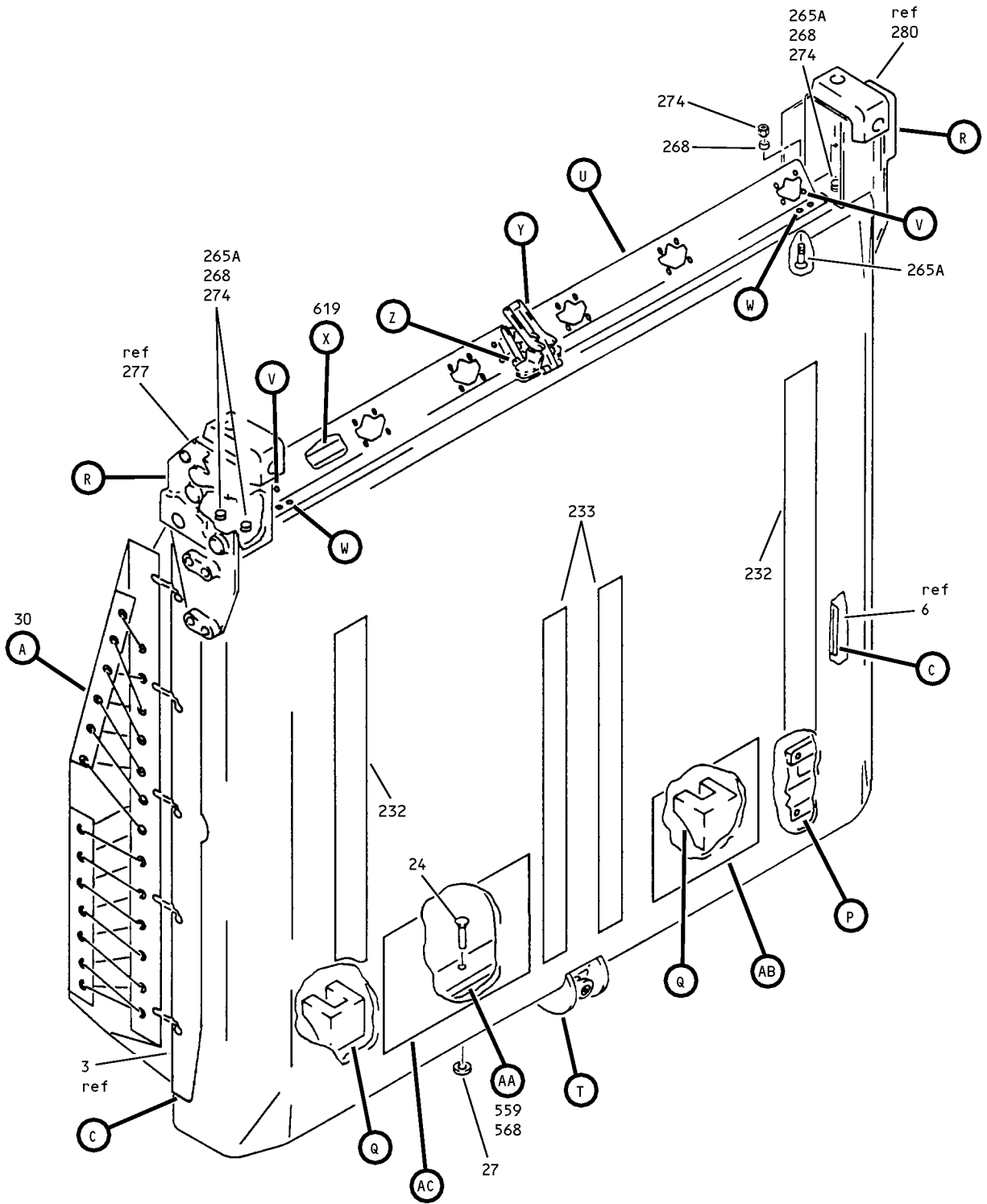
 **BOEING**
COMPONENT
MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
R 01- 710	416T2003-22		.PATCH ASSY-RTNR BOEING LETTER HISTORY	B,C	2

- Item Not Illustrated

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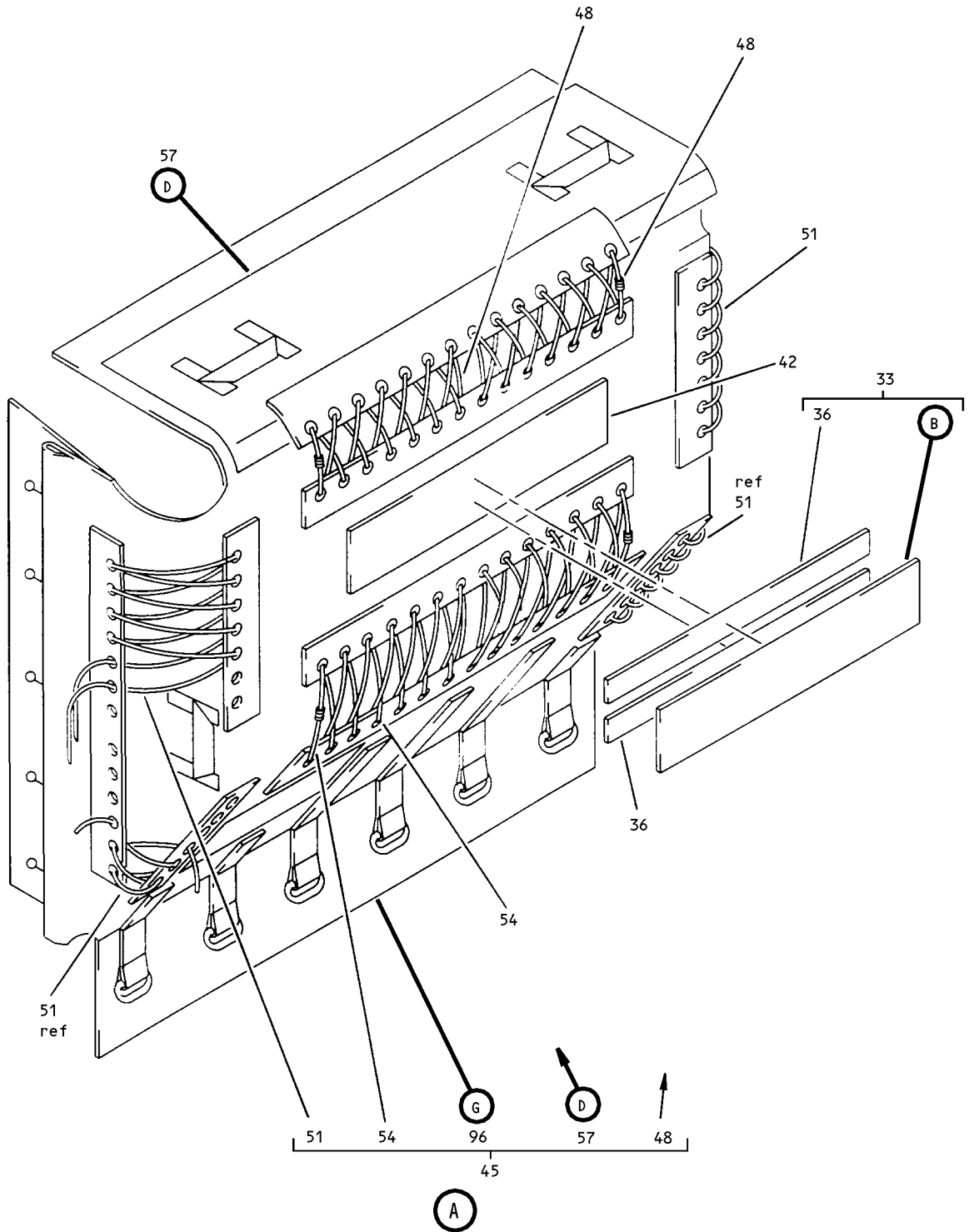
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Entry Door Escape Slide Packboard Assembly
 Figure 2 (Sheet 1)

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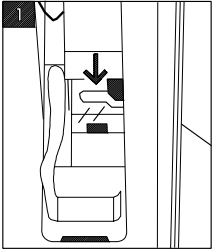
ILLUSTRATED PARTS LIST
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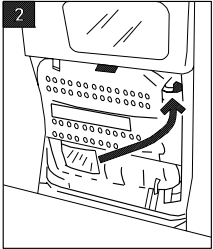
Entry Door Escape Slide Packboard Assembly
Figure 2 (Sheet 2)

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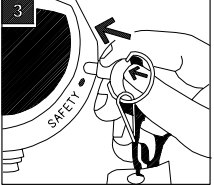
1
Disarm door by pulling down handle towards you.



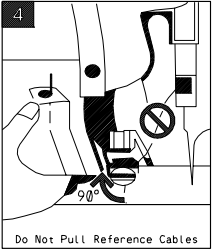
2
Remove safety pin from pocket. Lock regulator at upper-right corner of pack.

CAUTION

Install safety pin into inflation cylinder regulator. Accidental inflation of slide/raft can cause injury or damage.

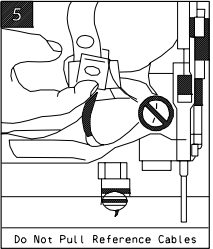


3
Insert safety pin into regulator hole marked "SAFETY" and push head of pin in fully.



4
Turn both girt-bar locks to horizontal (unlocked). Remove girt-bar from floor fittings.

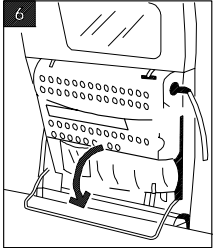
Do Not Pull Reference Cables



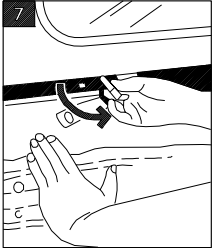
5
Attach girt-bar to slide/raft pack with both retainer straps.

Do Not Pull Reference Cables

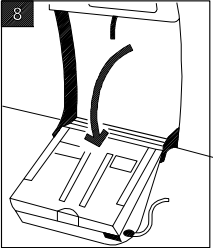
Slide/Raft Emergency Portability Instructions
Part 1 of 2 (Pack Wt. -225 lb/102 kg. Two Strong Persons Required for Transport)



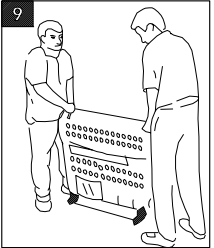
6
Rotate green deployment bar to floor.



7
Hold top of pack, unsnap latch handle. Then move latch handle, from left to right (unlocked).



8
Rotate slide/raft pack down to floor. See continued instructions on back of packboard.



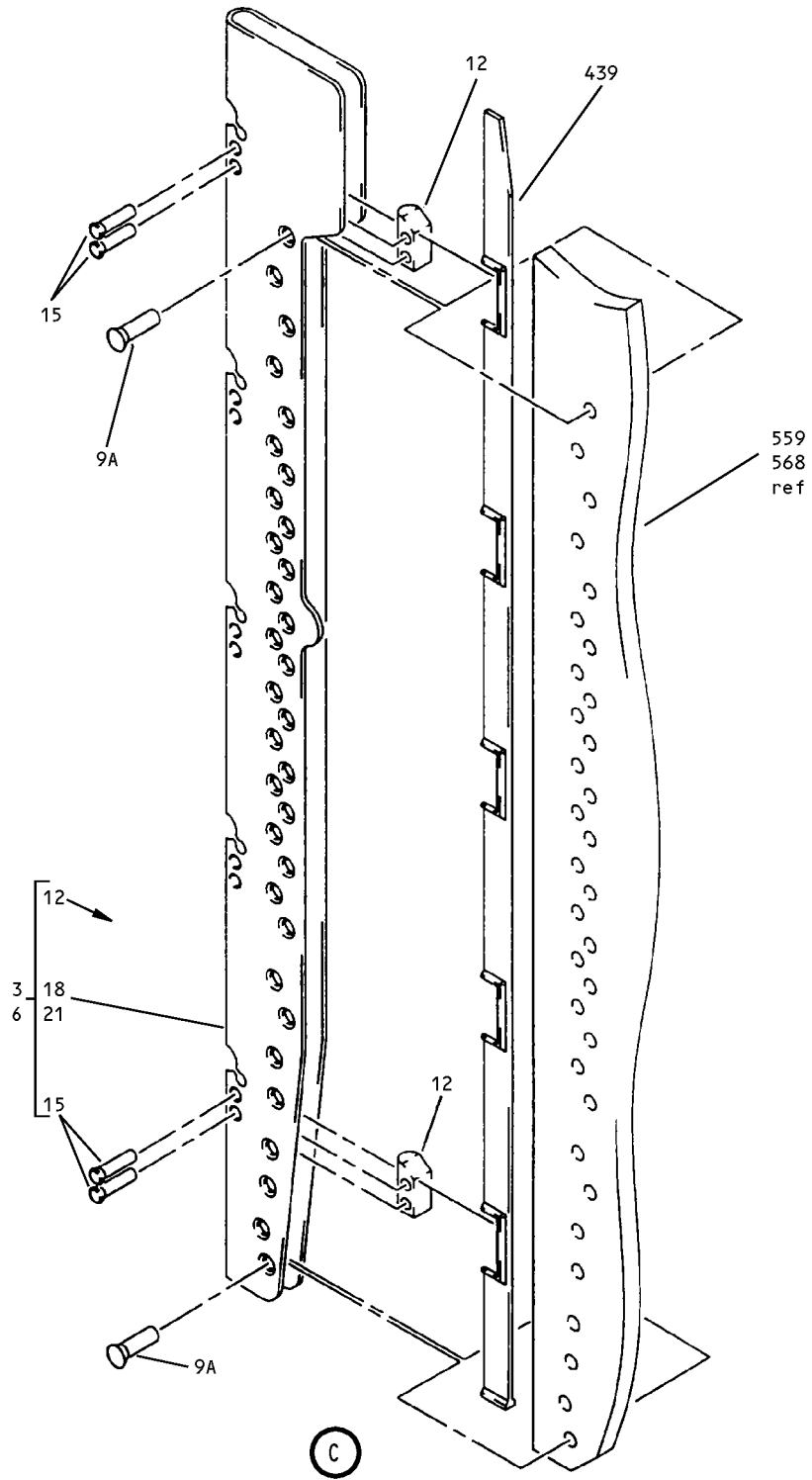
9
Move slide/raft to usable door. See instructions and airplane figure on packboard.

B

Entry Door Escape Slide Packboard Assembly
 Figure 2 (Sheet 3)

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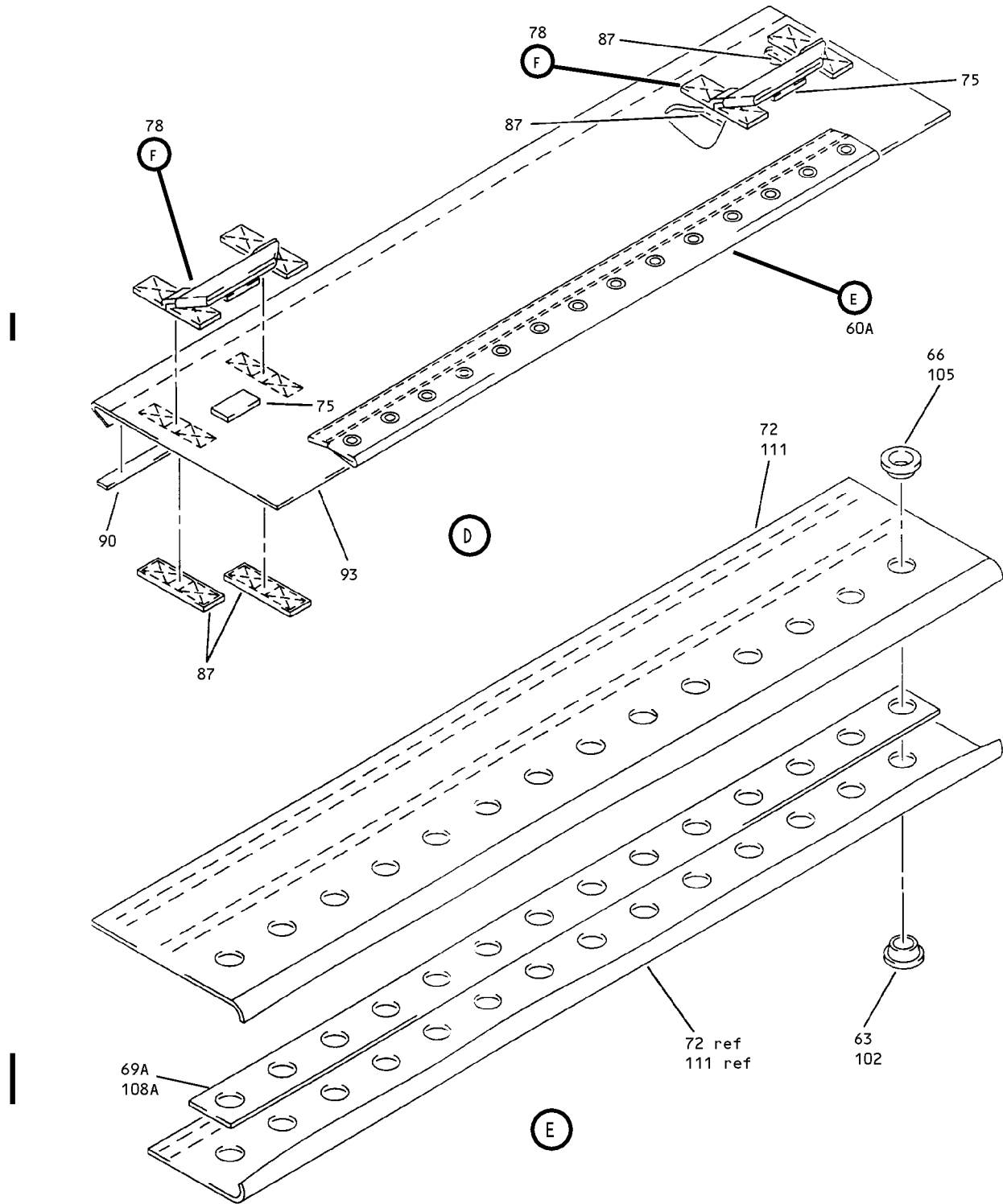
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Entry Door Escape Slide Packboard Assembly
Figure 2 (Sheet 4)

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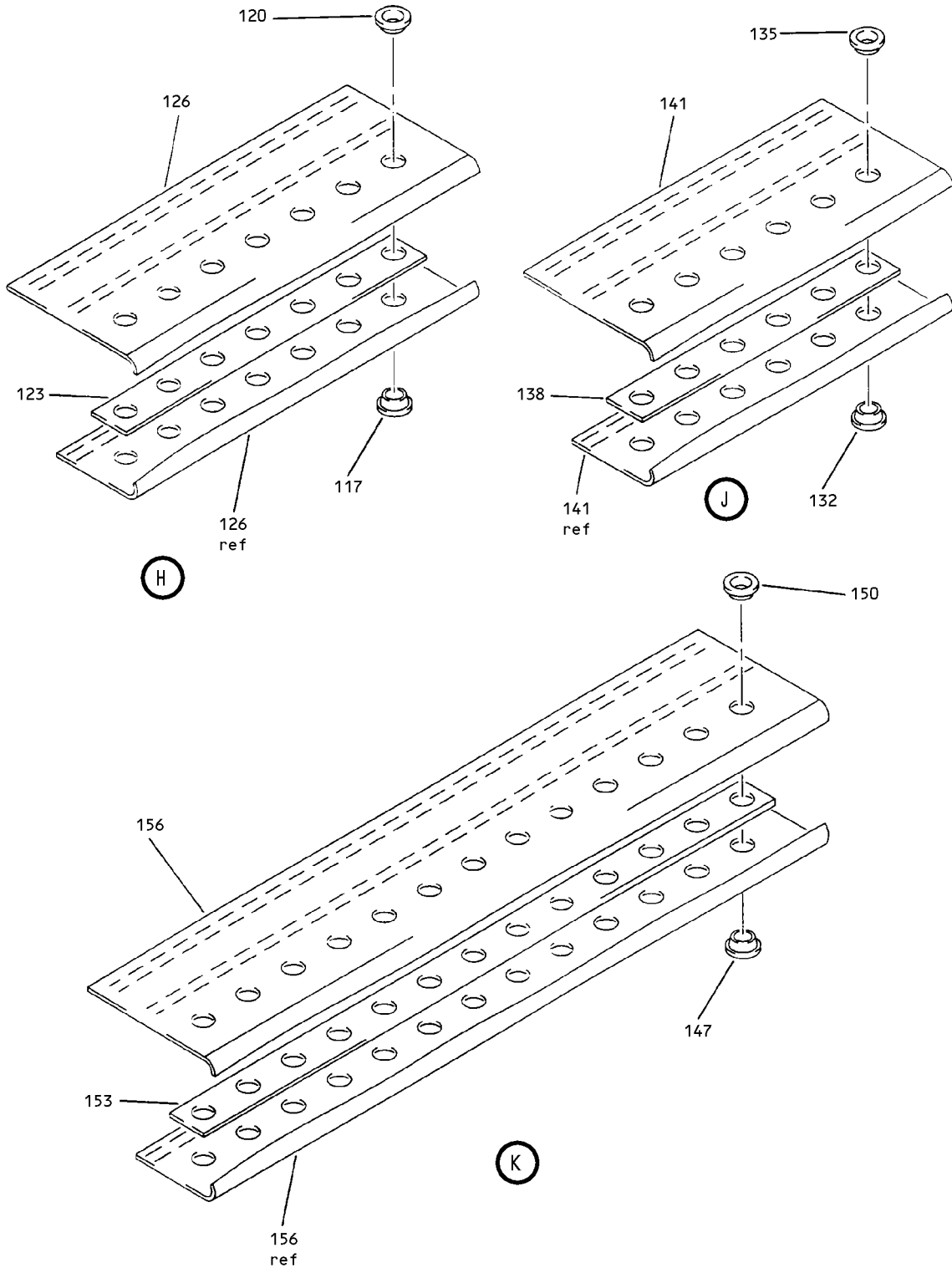
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Entry Door Escape Slide Packboard Assembly
 Figure 2 (Sheet 5)

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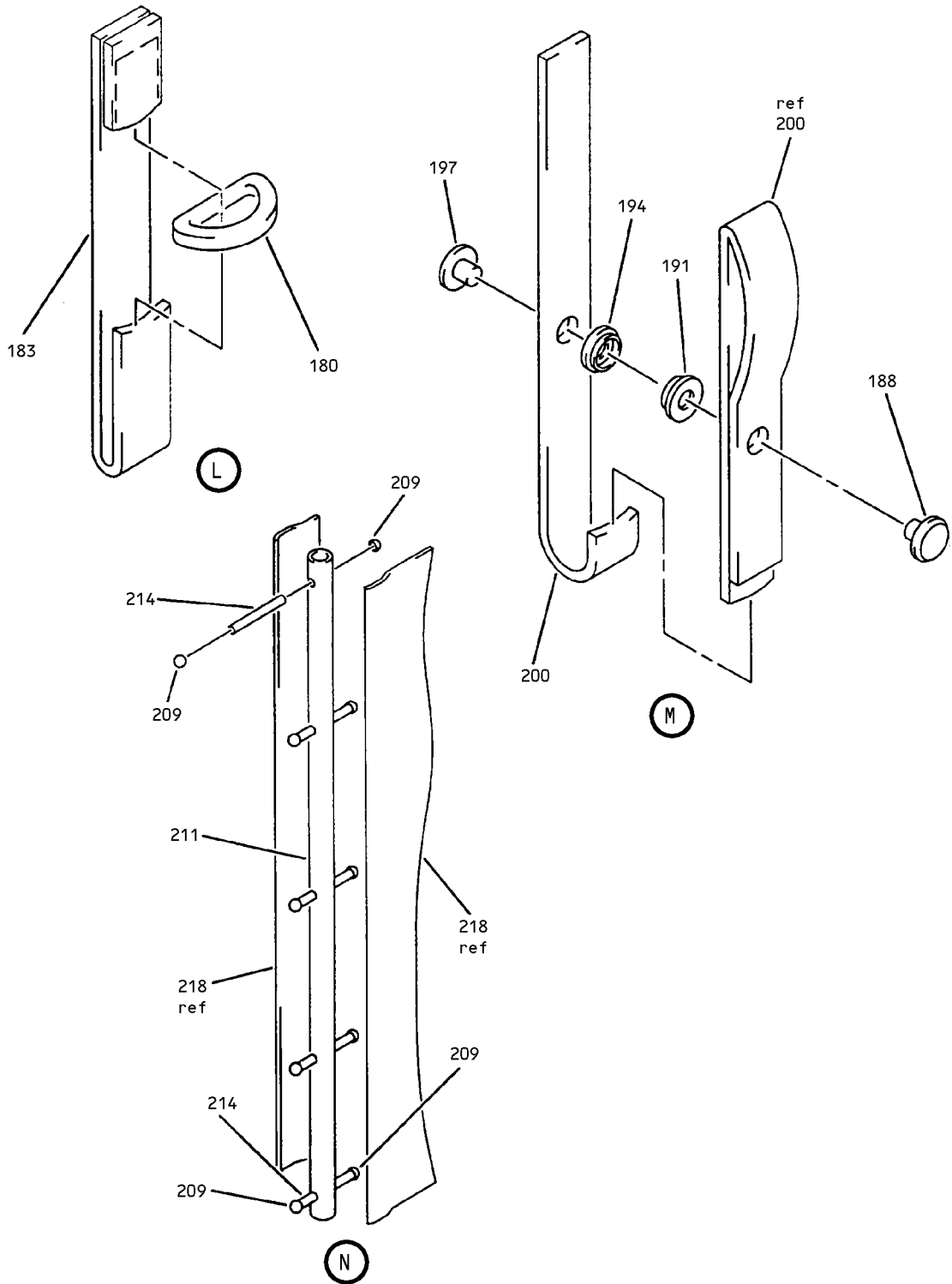
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Entry Door Escape Slide Packboard Assembly
 Figure 2 (Sheet 7)

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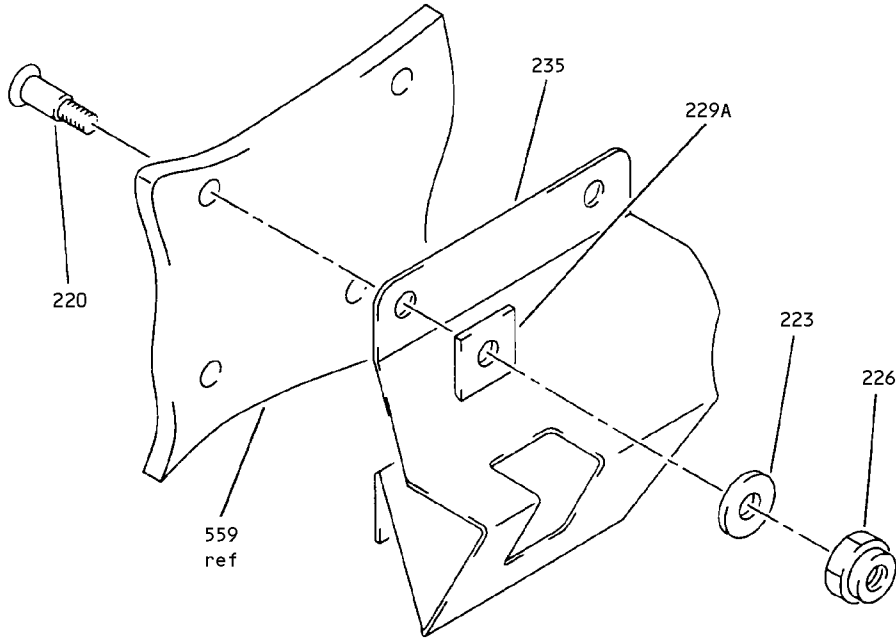
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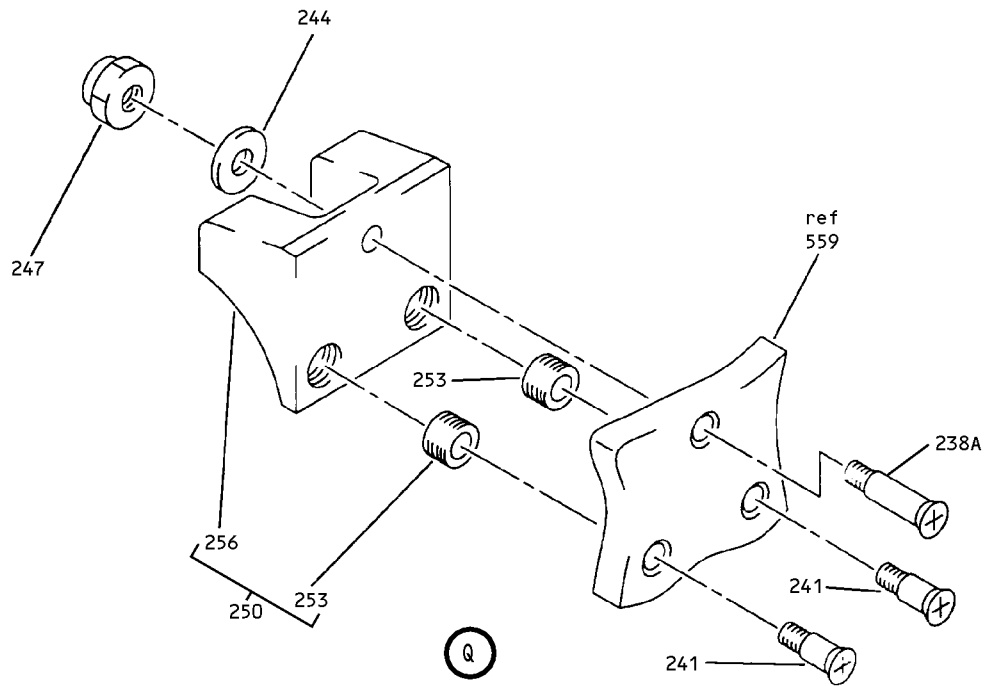
Entry Door Escape Slide Packboard Assembly
Figure 2 (Sheet 8)

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P

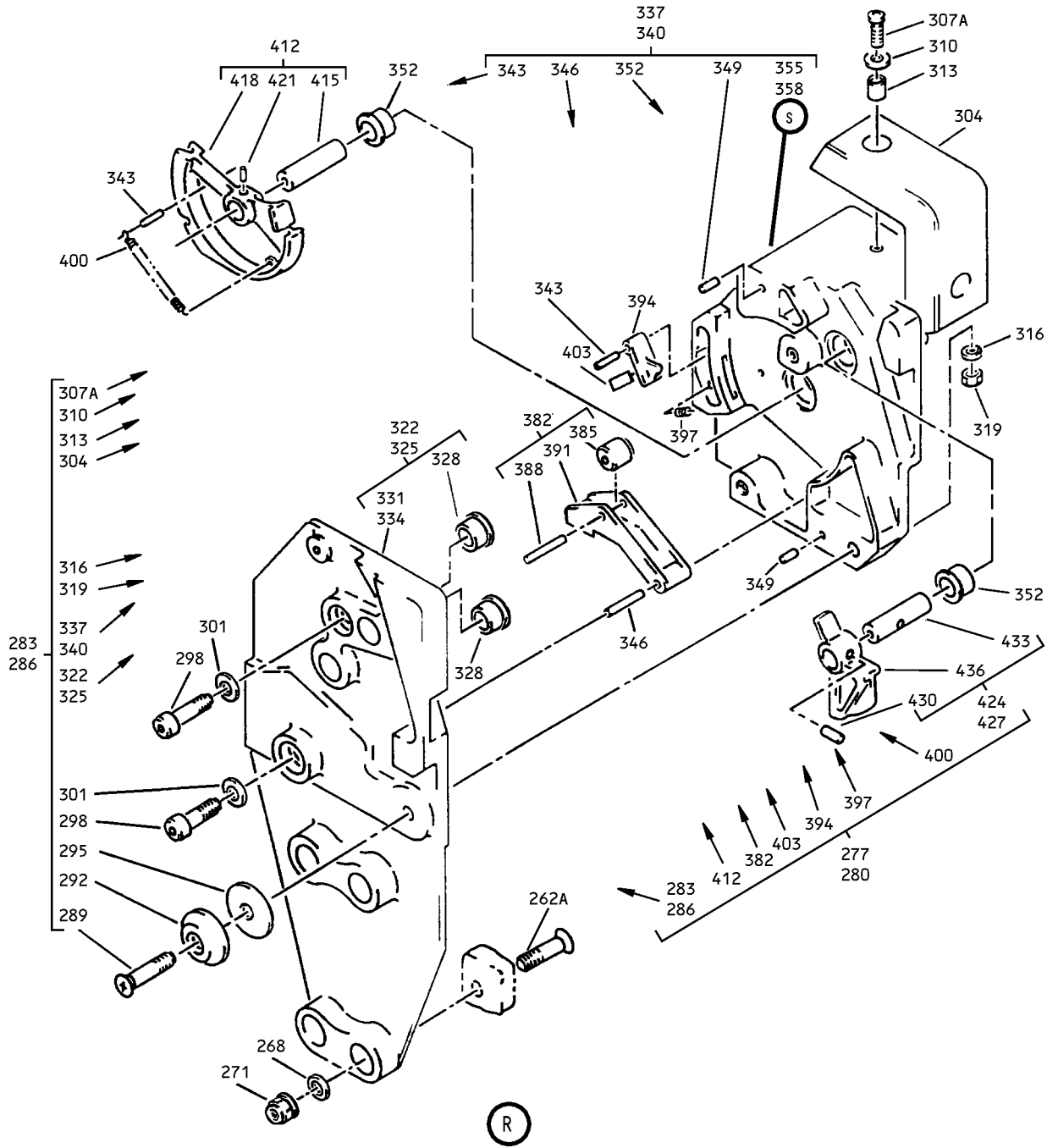


Q

Entry Door Escape Slide Packboard Assembly
 Figure 2 (Sheet 9)

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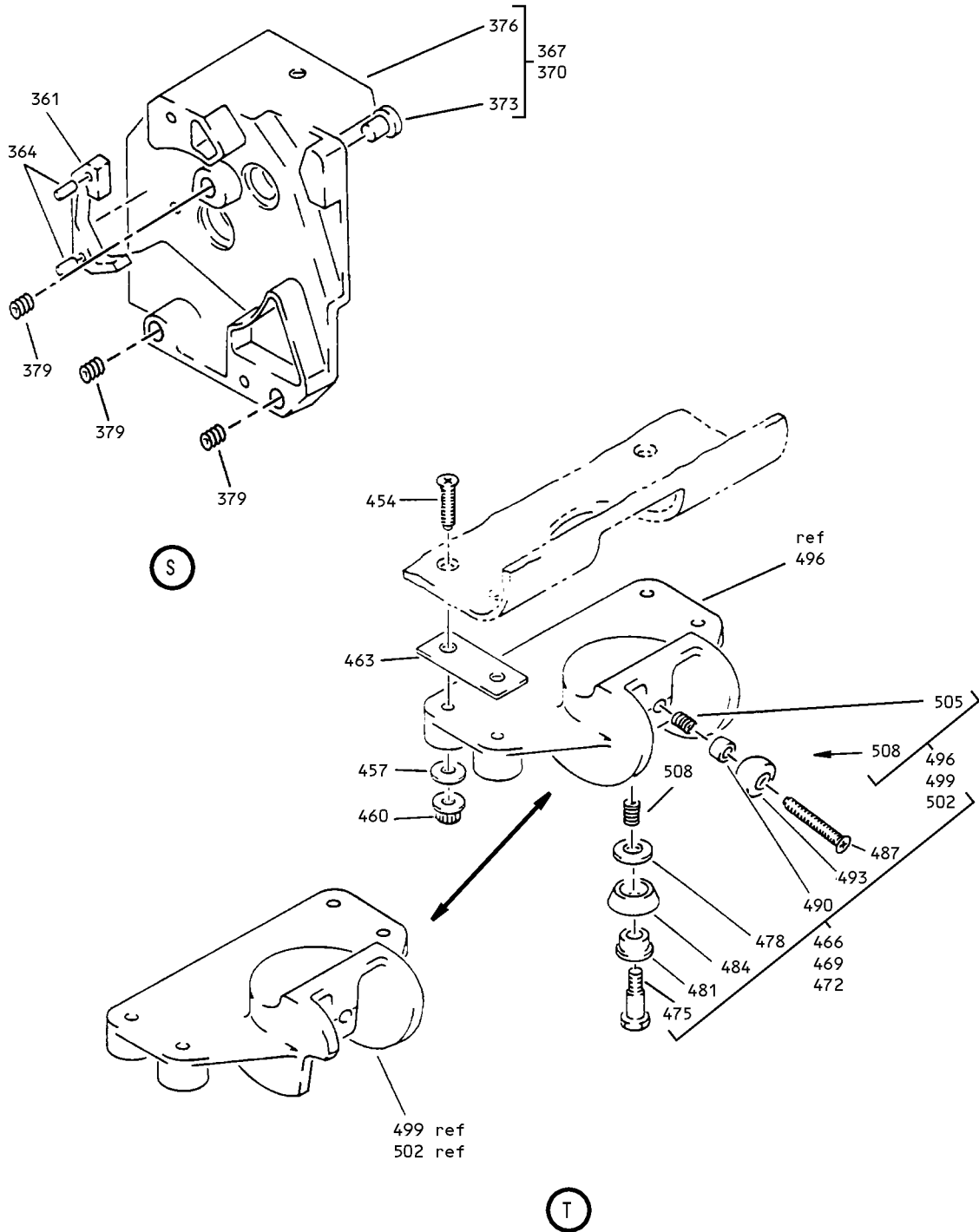
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Entry Door Escape Slide Packboard Assembly
Figure 2 (Sheet 10)

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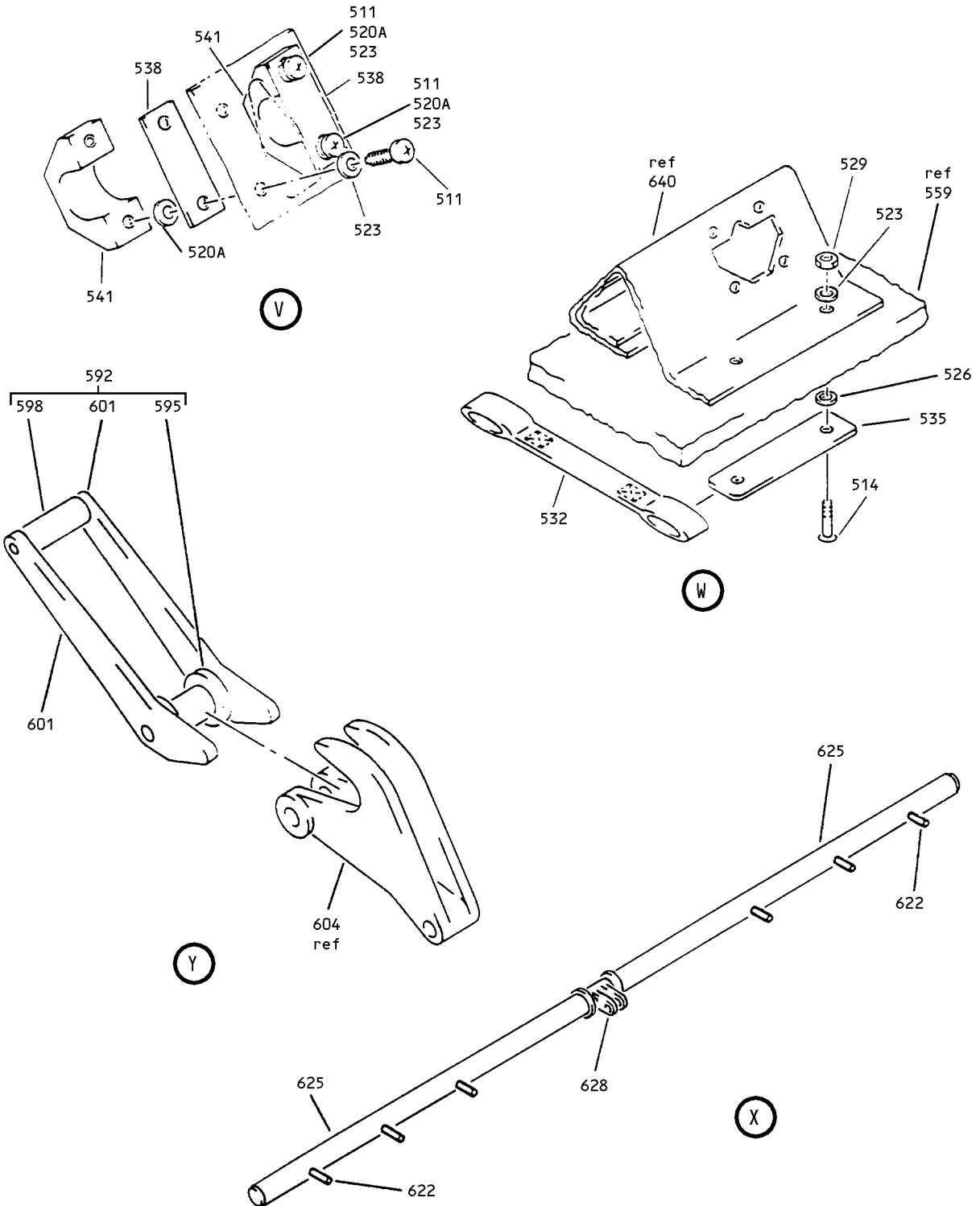
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Entry Door Escape Slide Packboard Assembly
 Figure 2 (Sheet 11)

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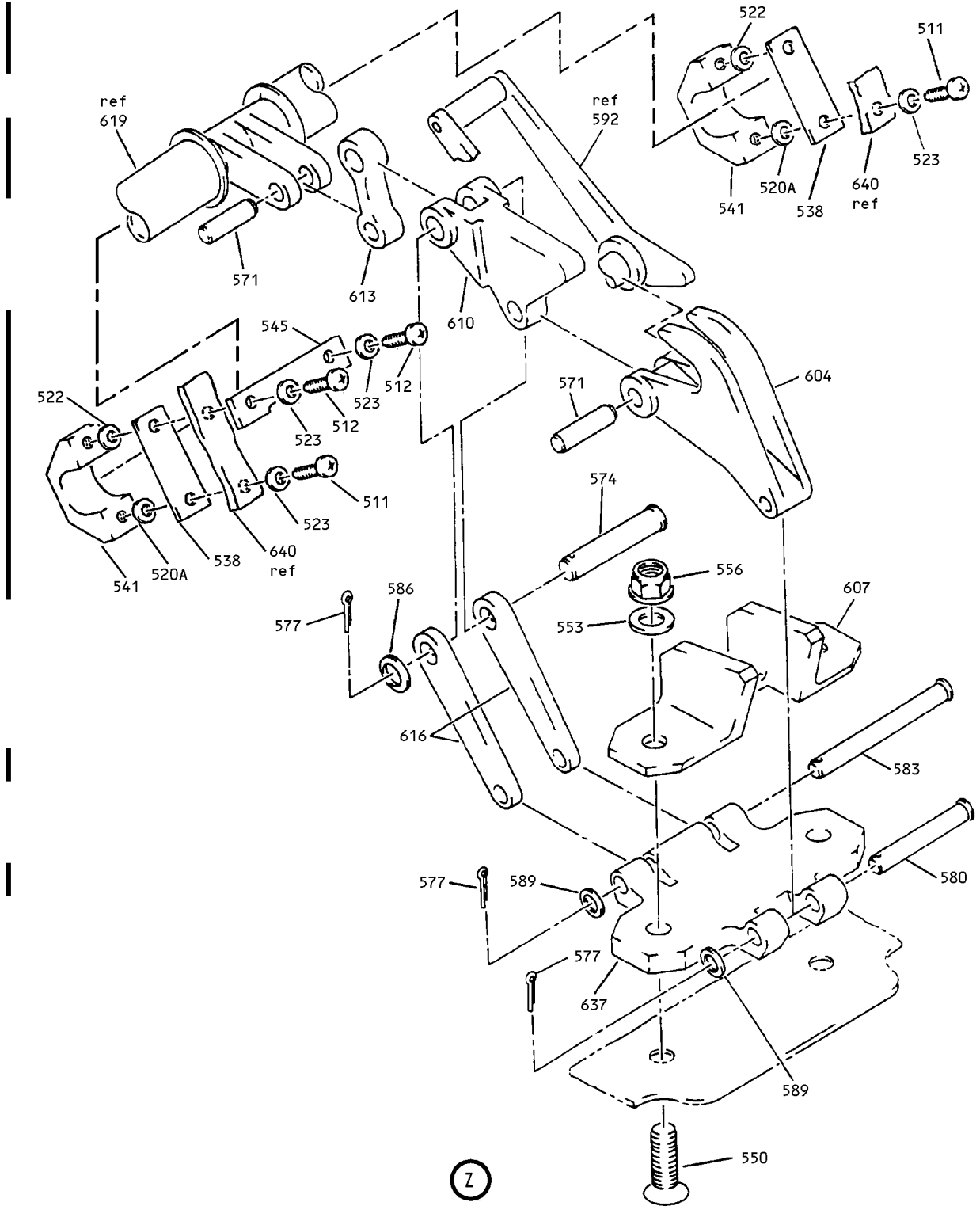
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Entry Door Escape Slide Packboard Assembly
 Figure 2 (Sheet 13)

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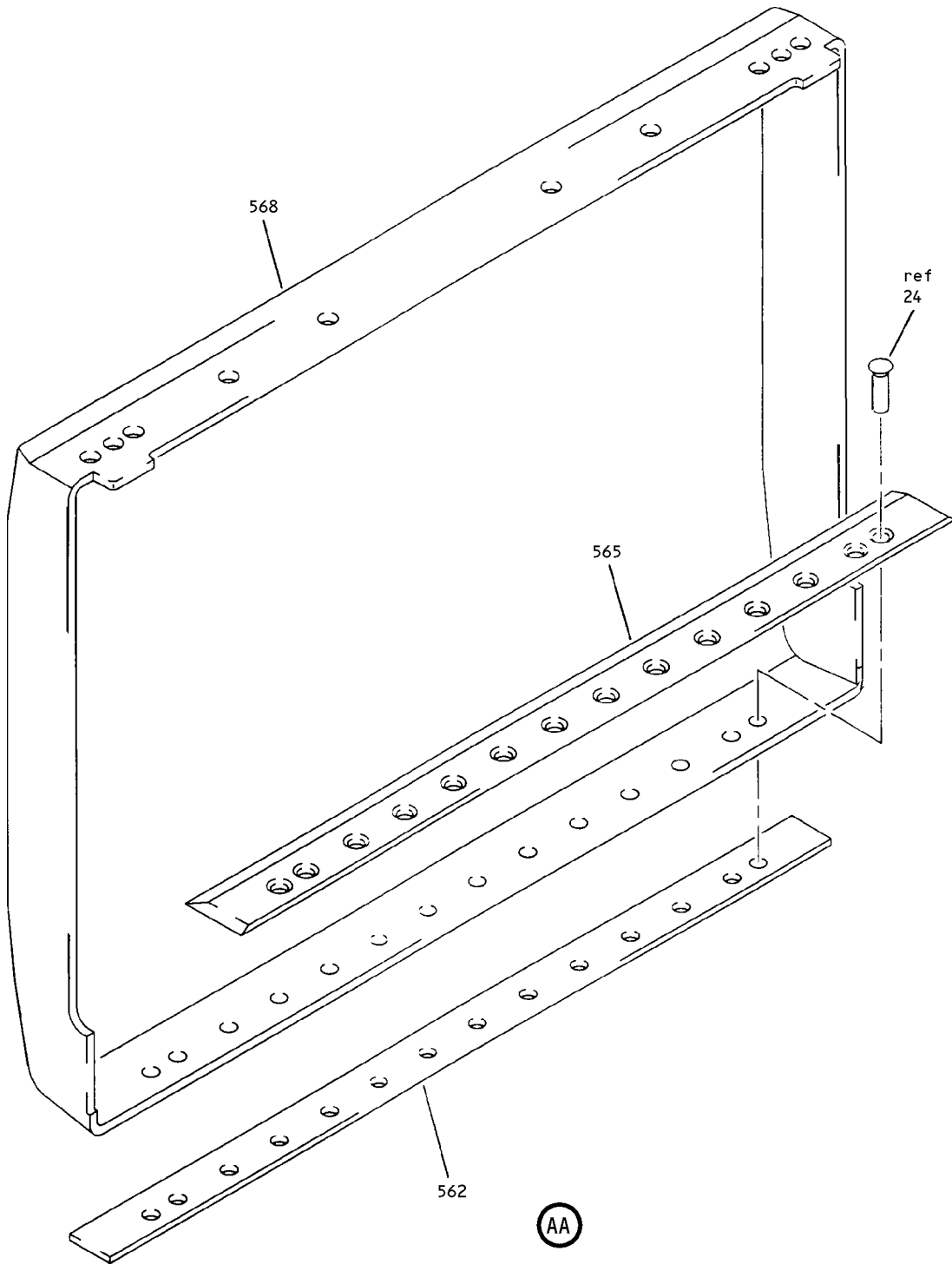
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Entry Door Escape Slide Packboard Assembly
Figure 2 (Sheet 14)

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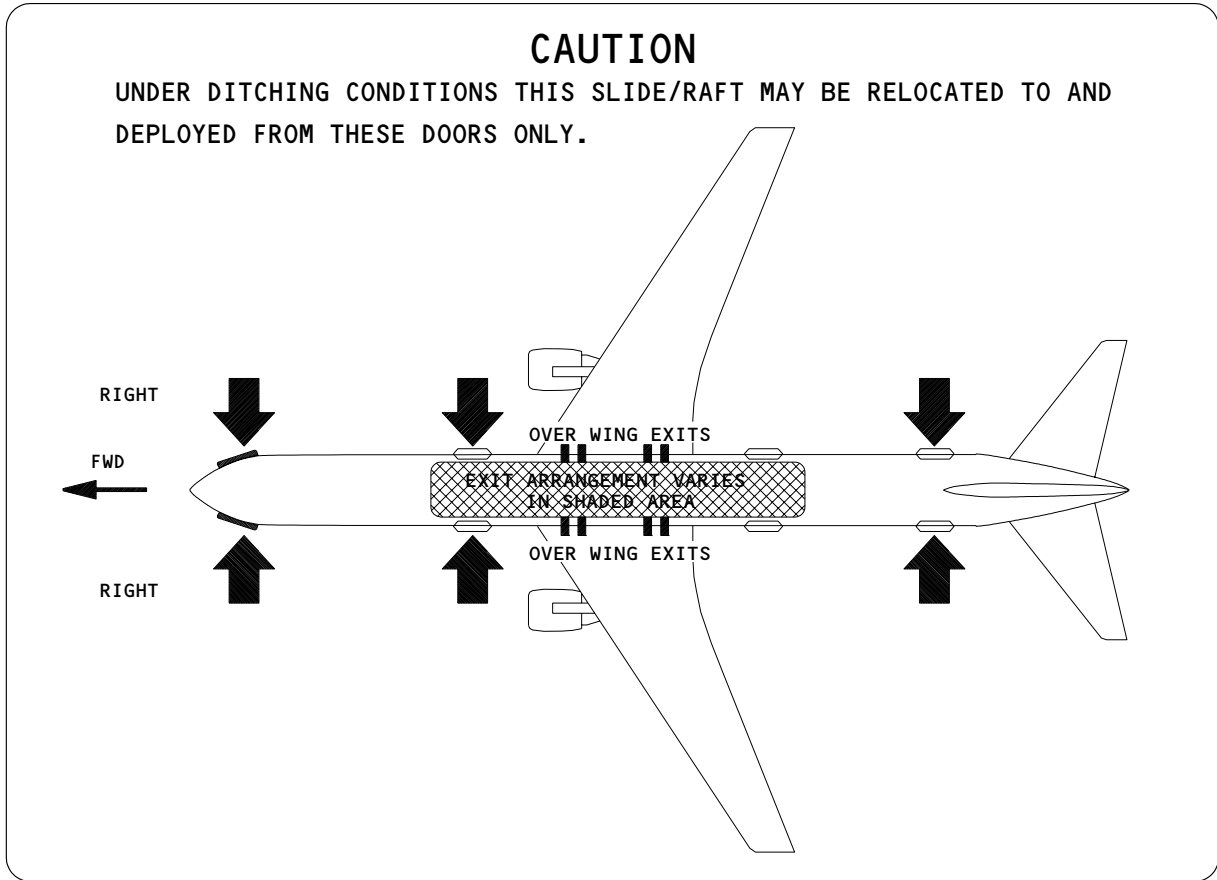
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Entry Door Escape Slide Packboard Assembly
Figure 2 (Sheet 15)

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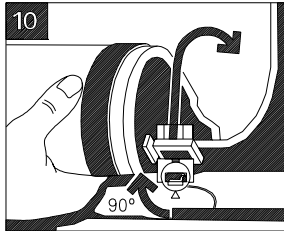
(AB)

Entry Door Escape Slide Packboard Assembly
Figure 2 (Sheet 16)

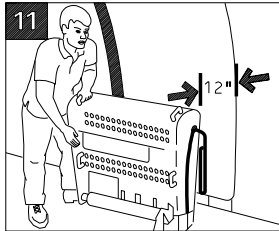
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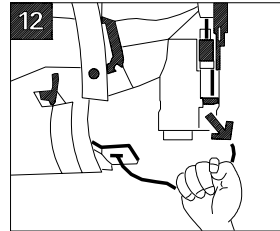
Slide/Raft Emergency Portability Instructions - Part 2 of 2



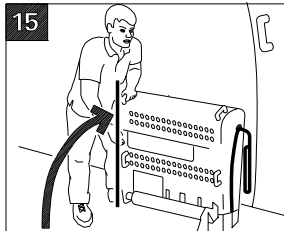
Turn girt-bar lock to horizontal (unlocked). remove girt-bar of deployed slide/raft from floor fittings of door.



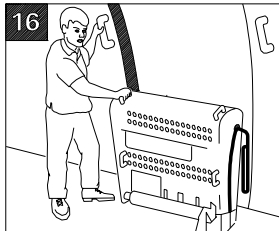
Hold transfered slide/raft up at usable door with packboard towards door, 12" away.



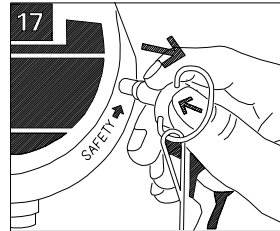
Unsnap girt-bar retainer straps. Pull release cables at each end of girt-bar to release slide/raft from packboard.



Hold slide/raft upright in doorway.

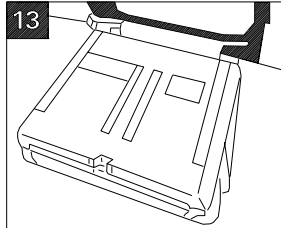


Hold assist handle. Prepare to pull manual inflation handle.

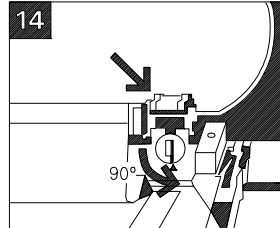


Hold head of safety pin in fully. Remove safety pin from regulator on right side of pack.

(Move Slide/Raft to Usable Door Indicated on Airplane Figure)



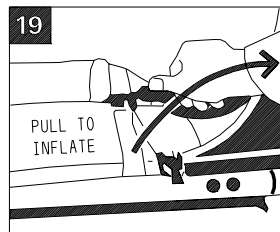
Lay slide/raft inboard with lacing cover on floor and girt-bar aligned to floor fittings.



Insert girt-bar into floor fittings. Turn girt-bar lock to vertical (locked).



Push the slide/raft out door.



Pull manual inflation handle.

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AC

Entry Door Escape Slide Packboard Assembly
 Figure 2 (Sheet 17)

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02- -1A	416T4010-1		PACKBOARD ASSY-ESCAPE SLIDE /RAFT, FWD AND AFT TYPE A DOORS (RH)	H	RF
-1B	416T4010-3		PACKBOARD ASSY-ESCAPE SLIDE /RAFT, MID CABIN TYPE A DOORS (LH)	J	RF
-1C	416T4010-4		PACKBOARD ASSY-ESCAPE SLIDE /RAFT, MID CABIN TYPE A DOOR (RH)	K	RF
-1D	416T4010-5		PACKBOARD ASSY-ESCAPE SLIDE /RAFT, FWD AND AFT TYPE A DOORS (RH)	L	RF
-1E	416T4010-7		PACKBOARD ASSY-ESCAPE SLIDE /RAFT, FWD AND AFT TYPE A DOORS (RH)	M	RF
R -1F	416T4010-8		PACKBOARD ASSY-ESCAPE SYS TYPE A DOOR	N	RF
3	416T2141-1		.CHANNEL ASSY-SIDE	H-N	1
6	416T2141-2		.CHANNEL ASSY-SIDE ATTACHING PARTS	H-N	1
9	BACR15CE5D		DELETED		
9A	BACR15GF5D		.RIVET- (SIZE DETERMINE ON INST)	H-N	66
12	416T2164-5		..BLOCK-WEDGE	H-N	5
15	BACR15BA4AD		..RIVET- (SIZE DETERMINE ON INST)	H-N	10
18	416T2161-1		-----*----- ..CHANNEL- (USED ON ITEM 3)	H-N	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-21	416T2161-2		..CHANNEL- (USED ON ITEM 6)	H-N	1
24	BACR15BA5AD		.RIVET- (SIZE DETERMINE ON INST)	H-N	14
27	NAS1149DN832J		.WASHER	H-N	14
R 30	416T2189-401		.COVER ASSY	H	1
R -30A	416T2189-403		.COVER ASSY	J	1
R -30B	416T2189-404		.COVER ASSY	K	1
R -30C	416T2189-405		.COVER ASSY	L	1
R -30D	416T2189-407		.COVER ASSY	M	1
R -30E	416T2189-408		.COVER ASSY	N	1
33	416T2189-340		..PLACARD VELCRO ASSY	H-N	1
36	416T2189-350		...VELCRO	H-N	2
39	BAC27TPPS6494		...PLACARD	H-N	1
42	416T2189-330		..VELCRO-LOOP	H-N	1
R 45	416T2189-300		..COVER ASSY	H-M	1
R -45A	416T2189-301		..COVER ASSY	N	1
48	416T2189-116		...CORD-UPR LACING	H-M	2
R -48A	416T2189-24		...CORD-LACING	N	AR
51	416T2189-21		...CORD-SIDE LACING	H-M	2
R -51A	416T2189-24		...CORD-LACING	N	AR
54	416T2189-20		...CORD-LWR LACING	H-M	2
R -54A	416T2189-24		...CORD-LACING	N	AR
57	416T2189-320		...COVER ASSY-TOP	H-M	1
R -57A	416T2189-321		...COVER ASSY-TOP	N	1
60	416T2189-155		DELETED		
R 60A	416T2189-164		....STRIP ASSY-LACING	H-M	1
R -60B	416T2189-165		....STRIP ASSY-LACING	N	1
63	MS20230GB10		.....GROMMET	H-M	14
R -63A	0		.....GROMMET- (V06229)	N	14
66	MS20230WB10		.....WASHER	H-M	14
R -66A	C83		.....WASHER- (V57771)	N	14
69	416T2189-61		DELETED		
R 69A	416T2189-163		.....STIFFENER	H-N	1
72	416T2189-60		.....COVER	H-N	1
75	416T2189-94		....VELCRO-VELCRO	H-N	2
78	416T2189-91	HANDLE ASSY	H-N	2
81	416T2189-96	VELCRO-PILE	H-N	1
84	416T2189-92	WEBBING-HANDLE	H-N	2

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 **BOEING**
COMPONENT
MAINTENANCE MANUAL

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
R 87	416T2189-97		....SUPPORT-HANDLE	H-N	4
R 90	416T2189-63		....STIFFENER	H-N	1
R 93	416T2189-77		....COVER	H-N	1
R 96	416T2189-310		...COVER ASSY-MAIN	H-M	1
R -96A	416T2189-311		...COVER ASSY-MAIN	N	1
R 99	416T2189-155		DELETED		
R 99A	416T2189-164		....STRIP ASSY-LACING	H-M	3
R -99B	416T2189-165		....STRIP ASSY-LACING	N	3
R 102	MS20230GB10		.....GROMMET	H-M	14
R -102A	0		.....GROMMET- (V06229)	N	14
R 105	MS20230WB10		.....WASHER	H-M	14
R -105A	C83		.....WASHER- (V57771)	N	14
R 108	416T2189-61		DELETED		
R 108A	416T2189-163		.....STIFFENER	H-N	1
R 111	416T2189-60		.....COVER	H-N	1
R 114	416T2189-154		....STRIP ASSY-LACING	H-N	2
R 117	MS20230GB10		.....GROMMET	H-N	7
R 120	MS20230WB10		.....WASHER	H-N	7
R 123	416T2189-59		.....STIFFENER	H-N	1
R 126	416T2189-58		.....COVER	H-N	1
R 129	416T2189-153		....STRIP ASSY-LACING	H-N	2
R 132	MS20230GB10		.....GROMMET	H-N	6
R 135	MS20230WB10		.....WASHER	H-N	6
R 138	416T2189-57		.....STIFFENER	H-N	1
R 141	416T2189-56		.....COVER	H-N	1
R 144	416T2189-152		....STRIP ASSY-LACING	H-N	2
R 147	MS20230GB10		.....GROMMET	H-N	13
R 150	MS20230WB10		.....WASHER	H-N	13
R 153	416T2189-62		.....STIFFENER	H-N	1
R 156	416T2189-70		.....COVER	H-N	1
R 159	416T2189-86		....POCKET-INSPECTION CARD	H-N	1
R 162	416T2189-94		....VELCRO-HOOK	H-N	2
R 165	416T2189-91		....HANDLE ASSY	H-N	2
R 168	416T2189-96		.....VELCRO-PILE	H-N	1
R 171	416T2189-92		.....WEBBING-HANDLE	H-N	2
R 174	416T2189-97		....SUPPORT-HANDLE	H-N	4
R 177	416T2189-73		....STRAP ASSY	H-N	6
R 180	416T2229-1		.....DEE RING	H-N	1
R 183	416T2189-67		.....STRAP	H-N	1
R 185	416T2189-111		....STRAP ASSY-RESTRAIN	H-N	2
R 188	MS27983-1N	BUTTON-SNAP	H-N	1
R 191	MS27983-2N	SOCKET-SNAP	H-N	1
R 194	MS27983-3N	STUD-SNAP	H-N	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
197	MS27983-4N		.....EYELET-SNAP	H-N	1
200	416T2189-112		.....WEBBING	H-N	1
203	416T2189-75		....COVER-FLAP	H-N	1
206	416T2189-65		....STIFFENER ASSY	H-N	2
209	BA3-3		.....TERMINAL- (V65196) (SPEC BACT14B3) (OPT HT200-3 (V83014)) (OPT RA2487-3 (V80523)) (OPT HI2487-3 (V26590)) (OPT 8-04056-3 (V11328)) (OPT BM2487-3 (V22277))	H-N	10
211	416T2189-68		.....STIFFENER-SIDE	H-N	1
214	416T2189-66		.....CABLE	H-N	5
217	416T2189-72		....STRIP-PROTECTIVE	H-N	2
218	416T2189-103		....COVER-MAIN	H-N	1
220	BACB30LH4-8		.SCREW	H-N	4
223	NAS1149F0432P		.WASHER	H-N	4
226	BACN10JC4CD		.NUT	H-N	4
229	416T2192-1		DELETED		
229A	416T2192-2		.FILLER-RADIUS	H-N	4
232	416T2003-5		.STRIP	H-N	2
233	416T2003-6		.STRIP	H-N	2
235	416T2265-2		.BRACKET-LOCATER	H-N	1
238	BACB30LH3-7		DELETED		
238A	BACB30LH3-8		.BOLT	H-N	2
241	BACB30LH3-4		.BOLT	H-N	4

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02-					
244	NAS1149F0332P		.WASHER	H-N	2
247	BACN10JC3CD		.NUT	H-N	2
250	416T2297-1		.BLOCK ASSY	H-N	2
253	6041-3BR375		..INSERT- (V01556)	H-N	2
256	416T2297-2		..BLOCK	H-N	1
259	416T2003-22		DELETED		
260	BACB30LH3-5		.BOLT	H-N	2
262	NAS8703-10		DELETED		
262A	NAS8703-9		.BOLT	H-N	8
265	BACB30LH3-7		DELETED		
265A	BACB30LH3-6		.BOLT	H-N	4
268	NAS1149F0332P		.WASHER	H-N	12
271	NAS1805-3L		.NUT	H-N	8
274	BACN10JC3CD		.NUT	H-N	4
277	416T2003-17		.MECHANISM ASSY-RELEASE	H-N	1
280	416T2003-18		.MECHANISM ASSY-RELEASE	H-N	1
283	416T2157-15		..FITTING ASSY-LWR (USED ON ITEM 277)	H-N	1
286	416T2157-16		..FITTING ASSY-LWR (USED ON ITEM 280)	H-N	1
289	BACB30LU3-8		...BOLT	H-N	1
292	416T2164-16		...WASHER	H-N	1
295	416T2164-17		...SPACER	H-N	1
298	NAS1351C3-10P		...SCREW- (OPT ITEM 298A)	H-N	2
-298A	BACS12GU3K8		...SCREW- (OPT ITEM 298)	H-N	2
301	AN960-10L		...WASHER	H-N	2
304	416T2159-5		...BUMPER	H-N	1
307	NAS620-10L		DELETED		
307A	NAS603-13		...SCREW	H-N	1
			ATTACHING PARTS		

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
310	BACW10P136AL		...WASHER	H-N	2
313	NAS43HT3-23		...SPACER	H-N	2
316	AN960-10L		...WASHER	H-N	2
319	H10-3BAC		...NUT- (V15653) (SPEC BACN10JC3) (OPT NS202101-02 (V80539)) (OPT RMLH9075-3W (V72962)) (OPT VN303A02 (V92215)) (OPT 96-02 (V80539)) (OPT BRH10A3 (V52828)) (OPT T6S1032J (V11815)) -----*	H-N	2
322	416T2157-3		...PLATE ASSY-END (MATCHED SET) (USED ON ITEM 283)	H-N	1
325	416T2157-4		...PLATE ASSY-END (MATCHED SET) (USED ON ITEM 286)	H-N	1
328	BACB28X5M030		....BUSHING	H-N	2
331	416T2168-1		....PLATE-END (USED ON ITEM 322)	H-N	1
334	416T2168-2		....PLATE-END (USED ON ITEM 325)	H-N	1
337	416T2157-17		...BODY ASSY-(MATCHED SET) (USED ON ITEM 283)	H-N	1
340	416T2157-18		...BODY ASSY-(MATCHED SET) (USED ON ITEM 286)	H-N	1

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02-					
343	MS16562-26	PIN-SPR	H-N	2
346	NAS607-2-7P	PIN-DOWEL	H-N	1
349	NAS607-3-4P	PIN-DOWEL	H-N	2
352	BACB28X5M030		....BUSHING	H-N	2
355	416T2169-7		....BODY ASSY- (OPT ITEM 355A) (USED ON ITEM 337)	H-N	1
-355A	416T2169-15		....BODY ASSY- (OPT ITEM 355) (USED ON ITEM 337)	H-N	1
358	416T2169-8		....BODY ASSY- (OPT ITEM 358A) (USED ON ITEM 340)	H-N	1
-358A	416T2169-16		....BODY ASSY- (OPT ITEM 358) (USED ON ITEM 340)	H-N	1
361	416T2169-14		.....HOUSING-DETENT (USED ON ITEMS 355A, 358A)	H-N	1
364	MS16562-25		.....PIN-SPR	H-N	2
367	416T2169-11		.....BODY ASSY-SUB (USED ON ITEM 355A)	H-N	1
370	416T2169-12		.....BODY ASSY-SUB (USED ON ITEM 358A)	H-N	1
373	416T2169-13		.....PLUG- (USED ON ITEMS 355A 358A)	H-N	1
376	416T2169-17		.....BODY- (USED ON ITEM 367)	H-N	1
-376A	416T2169-18		.....BODY- (USED ON ITEM 370)	H-N	1
379	MS21209F1-20P		.....INSERT- (USED ON ITEMS 355, 358)	H-N	3
382	416T2174-1		..ARM ASSY-STOP	H-N	1
385	416T2164-8		...ROLLER ATTACHING PARTS	H-N	1
388	416T2164-19		...PIN-ROLLER -----*	H-N	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
391	416T2174-2		...ARM	H-N	1
394	416T2170-3		..DETENT	H-N	1
397	MS24585-1099		..SPRING-	H-N	1
			(OPT ITEM 397A)		
-397A	RCS3452		..SPRING-	H-N	1
			(V08205)		
			(OPT ITEM 397)		
400	MS24586-501		..SPRING	H-N	2
403	416T2003-19		..FILLER-	H-N	AR
			(OPT ITEM 403A)		
-403A	BACF3F002B003NN		..FILLER-	H-N	AR
			(OPT ITEM 403)		
-406	416T2003-20		..FILLER	H-N	AR
-409	416T2003-21		..FILLER	H-N	AR
412	416T2177-5		..QUADRANT ASSY-	H-N	2
			(OPT ITEM 412A)		
-412A	416T2177-8		..QUADRANT ASSY-	H-N	2
			(OPT ITEM 412)		
415	416T2164-32		...PIN	H-N	1
418	416T2177-7		...QUADRANT-	H-N	1
			(USED ON ITEM 412)		
-418A	416T2177-2		...QUADRANT-	H-N	1
			(USED ON ITEM 412A)		
421	MS16562-25		...PIN-SPR	H-N	1
424	416T2176-4		..PAWL ASSY-	H-N	2
			(OPT ITEM 427)		
427	416T2176-7		..PAWL ASSY-	H-N	2
			(OPT ITEM 424)		
430	MS16562-25		...PIN-	H-N	1
			(USED ON ITEM 427)		
433	416T2164-32		...PIN	H-N	1
436	416T2176-5		...PAWL	H-N	1
439	416T2147-1		.BAR-RELEASE	H-N	2

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
454	NAS514P1032-14P		.SCREW	H-N	4
457	NAS1149F0332P		.WASHER	H-N	4
460	NAS1805-3L		.NUT	H-N	4
463	BACS40R008E018F		.SHIM	H-N	2
466	416T4022-1		.FITTING ASSY-UPR SUPPORT ESCAPE SLIDE	H,L	1
469	416T4022-3		.FITTING ASSY-UPR SUPPORT ESCAPE SLIDE MID CAB. DOOR, LH	J,M	1
472	416T4022-4		.FITTING ASSY-UPR SUPPORT ESCAPE SLIDE MID CAB. DOOR, RH	K,N	1
475	BACB30LJ4-5		..BOLT	H-N	1
478	NAS1149F0432P		..WASHER	H-N	1
481	416T2164-1		..BUSHING	H-N	1
484	416T2164-6		..ROLLER	H-N	1
487	NAS14P1032-14		..SCREW	H-N	1
490	NAS1057T3-025		..SPACER	H-N	1
493	416T2159-4		..BUTTON-GUIDE	H-N	1
496	416T4020-2		..FITTING ASSY-UPR SUPPORT, ESCAPE SLIDE	H,L	1
499	416T4020-3		..FITTING ASSY-UPR SUPPORT, ESCAPE SLIDE DOOR 2 LH	J,M	1
502	416T4020-4		..FITTING ASSY-UPR SUPPORT, ESCAPE SLIDE DOOR 2 RH	K,N	1
505	MS21209F1-15		...INSERT	H-N	1
508	MS21209F4-15		...INSERT	H-N	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
511	NAS603-9P		.SCREW	H-N	26
512	NAS603-9P		.SCREW	H-K	2
-512A	NAS603-11P		.SCREW	L-N	2
514	BACB30LH3-7		.BOLT	H-N	4
517	NAS514P1032-10P		.SCREW	H-N	4
520	NAS1149D0316K		DELETED		
520A	NAS1149D0316J		.WASHER	H-N	26
522	NAS1149D0316J		.WASHER	H,J,K	2
523	NAS1149F0332P		.WASHER	H-N	36
526	NAS1149F0563P		.WASHER	H-N	4
529	BACN10JC3CD		.NUT	H-N	8
532	416T2249-4		.STRAP-TETHERING	H-N	2
535	416T2250-1		.PLATE-TETHERING	H-N	2
538	416T2159-2		.PAD-BEARING	H-N	14
541	416T2159-6		.BLOCK-BEARING	H-N	14
544	NAS8703-6		.BOLT	H-N	10
545	416T4110-1		.PLATE-STRIKE	H,N	1
547	BACB30LH3-7		.BOLT	H-N	2
550	NAS514P1032-15P		.SCREW	H-N	2
553	NAS1149F0332P		.WASHER	H-N	2
556	BACN10JC3CD		.NUT	H-N	2
559	416T2146-20		.SHELL ASSY	H-K	1
-559A	416T2146-30		.SHELL ASSY	L-N	1
562	416T2155-1		..STRAP	H-N	1
565	416T2155-2		..STRAP	H-N	1
568	416T2146-21		..SHELL ASSY	H-N	1
571	416T2164-18		.PIN	H-N	2
574	BACP18BD2R23		.PIN	H-K,N	1
574A	MS20392-2R23		DELETED		
577	BACP18BC02C04P		.PIN-COTTER	H-N	3
580	BACP18BD1C27		.PIN	H-K,N	1
580A	MS20392-1C27		DELETED		
583	BACP18BD1C37		.PIN	H-K,N	1
583A	MS20392-1C37		DELETED		
586	NAS620-10L		.WASHER	H-N	1
589	NAS620-5		.WASHER	H-N	2
592	416T2148-2		.CAM ASSY	H-N	1
595	416T2164-10		..PIN-PIVOT	H-N	1
598	416T2164-7		..PIN-SPACER	H-N	1
601	416T2164-34		..CAM	H-N	2
604	416T2151-4		.LINK-HINGE	H-N	1
607	416T2164-11		.BLOCK-CAM	H-N	1
610	416T2154-5		.LINK-HINGE	H-N	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
02-					
613	416T2164-36		.CONNECTOR	H-N	1
616	416T2164-13		.LINK-CONNECTOR	H-N	2
619	416T2152-3		.SHAFT ASSY	H-N	1
622	416T2164-14		..PIN	H-N	6
625	416T2164-33		..TUBE	H-N	2
628	416T2156-1		..CONNECTOR	H-N	1
-631	416T2156-3		..CONNECTOR	H-N	1
634	416T2159-2		DELETED		
637	416T2164-4		.HINGE	H-N	1
640	416T2144-2		.CHANNEL ASSY-LWR	H-N	1
643	K1000-3BAC		..NUTPLATE- (V15653) (SPEC BACN10JR3) (OPT NS103202-02 (V80539)) (OPT RMA9201-3 (V72962)) (OPT VN102A1-02 (V92215)) (OPT BR2000A3 (V52828)) (OPT T8088S1032 (V11815)) ATTACHING PARTS	H-N	12
646	BACR15BA3AD		..RIVET- (SIZE DETERMINE ON INST) -----*	H-N	24
649	BACR15BA4AD2		..RIVET	H-N	9
652	416T2165-2		..ANGLE	H-N	1

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FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE	EFF CODE	QTY PER ASSY
			1234567		
02-655	416T2165-1		. . CHANNEL	H-N	1
660	BAC27TPPS6471		. DECAL	H, L	1
-660A	BAC27TPPS6472		. DECAL	J, K, M	1
665	BAC27TPPS6493		. DECAL	N H-N	1

- Item Not Illustrated

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