TO: ALL HOLDERS OF FORWARD ENTRY DOOR ASSEMBLY OVERHAUL MANUAL, 52-16-01

REVISION NO. 49, DATED JUL 1/05

HIGHLIGHTS

DESCRIPTION OF CHANGE	TOPICS AFFECTED												
	D & O	D / Assy	Cleaning	Insp/Chk	Repair	Assy	F/C	Test	T/Shooting	S/Tools	Storage	IPL	L/Overhaul
Clarified that the chamfer on the repair sleeve should be the same as the chamfer on the housing bore					X								

FORWARD ENTRY DOOR ASSEMBLY

52-16-01

BOEING P/N 50-7945-1,-88,-90,-93,-95,-105,-114,-119,-125,-150 thru -153,
-155,-176,-177,-178,-194,-195,-196,-197,-264,-272,-299,-309

AIRLINE P/N

THE FOLLOWING DIRECTIVES APPLY TO THIS SUBJECT:

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVES	DATE DIRECTIVE INCORPORATED INTO TEXT
	52-25		Jan 15/66
2465		PRR 16345	Jul 15/67
	52-35	PRR 21993	Jul 15/67
		PRR 16594	Jan 1/69
		PRR 16716	Jan 1/69
		PRR 16915	Jan 1/69
		PRR 21834	Jan 1/69
		PRR 21936	Jan 1/69
2164		PRR 15935	Jul 10/70
2795		PRR 17531	Jul 10/70
		PRR 17636	Jul 10/70
		PRR 17704	Jul 10/70
		PRR 23194	Jul 10/70
		PRR 23314	Jul 10/70
		PRR 23357	Jul 10/70
		PRR 30209	Jul 10/70
		PRR 31665	Jul 10/70
		PRR 17771-3	Mar 10/72
		PRR 23465-7	Mar 10/72
		PRR 31996	Mar 10/72
		PRR 32121-4	Mar 10/72

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVES	DATE DIRECTIVE INCORPORATED INTO TEXT
		PRR 17771-4	Nov 10/72
		PRR 32070-18	Nov 10/72
		PRR 23158-152	Nov 10/72
		PRR 23465-10	Nov 10/72
		PRR 32121-26	Nov 10/72
3105, Rev 1 (707)		PRR 17800	Dec 25/73
52-83, Rev 1 (727)		PRR 23563	Dec 25/73
52-1044, Rev 1 (737)		PRR 32218	Dec 25/73
		PRR 32070-4	Dec 25/73
		PRR 17758-47	Nov 10/72
		PRR 23158-117	Nov 10/72
		PRR 23158-175	Nov 10/74
		PRR 17758-64	Nov 10/74
		PRR 23441-2	Feb 10/75
		PRR 32403	Feb 10/75
		PRR 17791-3	Feb 10/75
		PRR 17930	Jun 25/75
		PRR 23824	Jun 25/75
		PRR 32469	Jun 25/75
		PRR 23835-10	May 10/76
		PRR 23982	May 10/76
		PRR 32575-1	May 10/76
		MC VIP5309R	Oct 5/76
3281 (707)		PRR 18002	Nov 10/78
52-101 (727)		PRR 24088-2	Nov 10/78
52-1066 (737)		PRR 32694	Nov 10/78
		MC 5388R	Sep 5/78
3337 (707)		PRR 18048	Nov 10/78
52-115 (727)		PRR 24251	Nov 10/78
52-1072 (737)		PRR 32793	Nov 10/78
		PRR 18049	Nov 10/78
		PRR 24253	Nov 10/78
		PRR 32794	Nov 10/78
		PRR 32836	Nov 10/78
		PRR 18063	Nov 10/78
		PRR 24328	Nov 10/78
		PRR 24451	Nov 10/79
		PRR 32948	Nov 10/79
		PRR 32950-4	Nov 10/79
		PRR 32989	Jul 5/81
		PRR 33410-6	Jun 5/85
3282 (707)			Dec 5/85
		PRR 33180-17	Dec 5/85
		PRR 34032	Dec 5/86
		PRR 34272	Sep 5/87

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVES	DATE DIRECTIVE INCORPORATED INTO TEXT
		PRR 34312	Sep 5/87
		PRR 34270	Mar 5/88
52-1094 (737)		PRR 34272	Jun 5/88
		PRR 34448	Sep 5/88
52-1094R2 (737)			Mar 5/89
52-28R1 (727)			Mar 5/90
52-1118 (737)			Sep 5/92
		PRR 35106	Jun 1/94
52-1094R3			Nov 1/00
		PRR 35313	Nov 1/00

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F Indicates foldout pages - print one side only

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52-16-01		404Q	Nov 1/00	1106	Jun 1/94
T-1	Nov 1/00	404R	Nov 1/00	1107	Jun 1/94
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T-4	BLANK	407	Jun 1/94	1108B	Jun 1/94
* LEP-1	Jul 1/05	408	Nov 1/00	1109	Nov 1/00
* LEP-2	Jul 1/05	408A	Nov 1/00	1110	Nov 1/00
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302	BLANK	501	Mar 1/05	1118D	Nov 1/00
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404D	Nov 1/00	511	Mar 1/05	1126F	Mar 1/05
404E	Nov 1/00	512	BLANK	1126G	Nov 1/00
404F	Nov 1/00	601	Mar 1/05	1126H	Nov 1/00
404G	Nov 1/00	602	BLANK	1126J	Nov 1/00
404H	Nov 1/00	1001	Jun 5/93	1126K	Nov 1/00
404J	Nov 1/01	1002	BLANK	1127	Nov 1/00
404K	Nov 1/00	1101	Jan 1/69	1128	Nov 1/00
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1131	Mar 1/05				
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*[1] Special instructions are not necessary. Use standard industry practices.
*[2] Also use the instructions in SOPM 20-44-02 and 20-70-01.

FORWARD ENTRY DOOR ASSEMBLY

DESCRIPTION AND OPERATION

1. Description

   A. The forward entry door is an inward-outward plug-type door at the left side of the forward end of the fuselage.

   B. A door handle mechanism consisting of a cam, two cam follower crank assemblies, cranks, control rod and a hinge torque tube is assembled in a housing. This housing, together with the installed parts described above, is installed in the door structure. Connected to the handle mechanism in the door through control rods, cranks and torque tubes are the upper and lower gates and the roller latch assemblies. Connected to the hinge torque tube are the upper and lower hinge assemblies. Adjustable stops and a centering guide are installed on the door sides.

   C. Some doors are equipped with a key lock system to provide security against unauthorized entry to the airplane.

2. Operation

   A. The forward entry door is opened by operating either the inside or outside handle, which causes the door handle mechanism to release the roller latches from the latch fittings on the doorjambs, to fold the gates inward and to move the door to its most inward position. The door is then manually swung outward through the door opening and stowed in the open position by engagement of a latch pin in a hole in the upper hinge assembly. Pressurization loads on the door are transmitted through the adjustable stop pins to the doorframe. The door centering guide positions the door correctly in the doorframe.

   B. On doors equipped with a key lock system, door operating functions are identical to non-key-equipped doors when the key is in the unlocked position. Rotating the key to the locked position with the door latched moves an arm in front of a plate attached to the exterior handle. This blocks axial movement of the handle from its recess in the door, and prevents the handle mechanism from being rotated to the unlatched position.

3. Leading Particulars

   A. Thickness -- 7 inches (approx)

   B. Width -- 37 inches (approx)

   C. Height -- 72 inches (approx)

   D. Weight -- 126 pounds (approx)

DISASSEMBLY

1. Disassembly of Observation Window, Door Seal, Latches and Gates (Fig. 1101).

A. Carefully remove inner door handle, escutcheon and door lining. Give protection to the lining, finished surfaces of handle and escutcheon to prevent damage during door overhaul.

B. Remove studs (3) and retainer (4) from the inboard surface of the door.

C. Remove screws (4B), nuts (4C), and assist handle assembly (4D).

NOTE: Do not disassemble assist handle assembly (4D) unless repair or replacement is necessary.

D. Remove screws (5, 5A, 7, 8) and access panels (6, 9).

E. Remove screws (10) and the window assembly from the door.

F. To disassemble the window assembly, remove items (12 thru 14) and clips (15). Give protection to the surfaces of panes (20, 21) to prevent damage during overhaul.

G. Remove screws (22A, 24), bolts (25), seal (38), and seal retainers (26 thru 37M).

NOTE: Do not remove parts (39 thru 80) unless repair or replacement is necessary.

H. Before you remove the gates (110, 144) from the door, measure and make a note of the gap between each gate and the door (at the outer surface) to help during assembly.

I. Remove bolts (84, 88A, 88B, 88C, 89, 98) and the upper gate (110). For hinge assemblies (90, 90-7816-7): drive out the spring pins (91) and withdraw hinge pin (92) to separate the hinge half (93) from the upper gate. For hinge assemblies (90, 65C35480-1): remove the screws (91A) at each end of the hinge. Remove the hinge pin (92) to separate the hinge half (93) from the upper gate.

J. Remove stop rod assemblies (106 thru 109, and 111 thru 114).

K. Remove bolts (118, 123, 132) and lower gate (114). For hinge assemblies (124, 90-7816-1, -8): drive out the spring pins (125) and withdraw hinge pin (126) to separate the hinge half (127) from the lower gate. For hinge assemblies (124, 65C35480-3): remove the screws (125A) at each end of the hinge. Remove the hinge pin (126) to separate the hinge half (127) from the lower gate.

L. Remove stop rod assemblies (140 thru 143, and 145 thru 148).

M. Remove latch shaft assemblies.

NOTE: Before you disassemble the latch shafts, examine torque tubes (183, 229). If the tubes are painted, remove the paint (SOPM 20-30-02) before you remove them. Give protection to parts of the door from paint remover agents.

Latch cranks (167, 211) torque tubes (183, 229), and cranks (184, 185, 230) are matched assemblies. Be careful not to mix these parts with those from other door assemblies.

(1) Disconnect control rod assemblies (99, 133, 240, 247) from cranks (184, 185, 230).

(2) Remove bolts (165, 209) and pull latch cranks (167, 211) from torque tubes (183, 229). Record the number and thickness of spacers (166, 210) in each position to help during assembly and rigging.

NOTE: Spacer 66-15332-1 is preferable to 30-3004 washer because it snaps in or out quickly without disassembly of the latch cranks from the torque tubes.

(3) Remove fitting assemblies (173, 180, 217, 226).

(4) Remove bolts (151, 195) and torque tubes (183, 229).

NOTE: Do not remove housing assemblies (190, 235), and do not disassemble fittings (173, 180, 217, 226) or housings (190, 235) unless repair or replacement is necessary. Do not disassemble control rod assemblies (99, 133, 240, 247) unless to replace worn parts or to help during assembly.

(5) Remove rollers (159, 203) from cranks (167, 211). Record the number and thickness of washers (158, 202) in each position to help durung assembly and rigging.

N. Remove parts (238 and 239) and control rod assemblies (240 and 247) from the crank assembly in the handle mechanism.

O. Gain access to hinge torque tube.

(1) Remove angle (316) and channel (317) with nuts (309, 309A, 309B), washers (310), and bolts (311 thru 315).

(2) Remove angle (325) and channel (326) with nuts (318, 318A, 318B), washers (319), and bolts (320 thru 324).

P. Disconnect hinge pins (273, 273A, 273B) and hinge torque tube (52, Fig. 1102) with applicable parts (254, 255, and 256; 254A, 255A and 256A; and 254B, 255A, and 256B, Fig. 1101).

Q. Remove parts (1, 2, 2A and 16, Fig. 1102) from the handle mechanism, then pull out the outer handle (6), with attached parts, from the door.

R. Remove parts (19 thru 21, and 28 thru 36, Fig. 1102) from door. Slide coupling sleeves (257, Fig. 1101) back on hinge torque tube. Remove the handle mechanism as a unit, and parts (22, 24, 25, 37 thru 41, Fig. 1102) from the door. Mark laminated shims (37) when you remove them from the door structure to help during assembly. Remove sleeves (257, Fig. 1101) from the torque tube.

S. Remove parts (288, 289, 299 and 300) from the hinge support assemblies.

T. Remove parts (258 thru 263) to separate the guide arm assembly (265) and the snubber assembly (266) from attach fittings (289 and 300).

U. Remove parts (267 thru 270) to release the upper and lower hinge arm assemblies (274, 278). Remove packing (272) from pin (273, 273A, 273B).

2. Disassembly of Door Handle Mechanism (Fig. 1102)

A. On doors without a key lock system, detach parts (3 thru 5, 7 thru 15) from outer handle (6). Use door handle mechanism nut wrench F70038 to turn nut (12).

B. On doors with a key lock system, remove parts (1 thru 5, Fig. I103), and parts (7 thru 15, Fig. 1102). Use door handle mechanism nut wrench F70038 to turn nut (12).

C. Disassemble parts (42 thru 50). Use bearing retainer nut spanner wrench F70085 to turn special nuts (43).

D. Push hinge torque tube (52) out of handle mechanism housing. Remove parts (51, 53 thru 55; or 51, 99, 139, 140).

E. Disassemble parts (60 thru 63) to release control rod assembly (65). Disassemble parts (124, 125) to release control rod assembly (126). Do not disassemble the control rod assembly unless necessary.

F. Remove parts (56 thru 59, 64, and 70 thru 92) from housing assembly (93). Remove parts (98, 100 thru 122, 132 thru 138) from housing assembly (95).

3. Disassembly of Remaining Key Lock Installation Components (Fig. 1103)

A. Remove items (6 thru 12).

B. Separate lock assembly (13) from fitting (12).

4. To replace upper and lower hinge support assemblies (285, 298, Fig. 1101), disassemble as follows:

NOTE: Removal of hinge support assemblies is required only if the attach fittings are cracked or damaged.

A. Provide a contour matching cradle to support the door while inner skin is removed.

NOTE: Door may warp when inner skins are removed, even if original skins are used having matching holes, unless contour is maintained.

B. Remove center section of inner door skin.

C. Remove parts (282 thru 284) and sealant fillets from edges of support assemblies (285, 298).

D. Remove hinge support assemblies (285, 298).

CLEANING

1. Clean all parts but bearings and window panes by standard industry practices and the instructions in SOPM 20-30-03.

CAUTION: BEARINGS (53, 74, 75, 91, 92, FIG. 1102) HAVE TEFLON SEALS. CLEAN ONLY BY THE SPECIAL METHOD IN SOPM 20-30-01.

2. Clean and lubricate bearings by the instructions in SOPM 20-30-01.

3. Wipe window panes (20, 21, Fig. 1101) with a lint-free cloth wet with aliphatic naphtha TT-N-95.

INSPECTION/CHECK

1. Check all parts for obvious defects in accordance with standard industry practice.

2. Special checks.

   A. Examine door seal (38, Fig. 1101) for damage and evidence of deterioration. Any section of seal, including joints and splices should withstand tensile pull of 35 pounds without failure.

   B. If visual examination indicates evidence of defects in any of the following listed parts, perform the following checks:

      (1) Magnetic particle check per 20-20-01: pin (47, Fig. 1101), studs (161, 205), rollers (162, 206), tubes (183, 229), cranks (184, 185, 230), hinge pins (273, 273A, 273B), and hinge arms (274; 277, 65-86784-10; 278; 281, 65-86784-8); cam (16, Fig. 1102), housing (27), cranks (51, 64, 65-1933; 86, 65-1933-2) and torque tube (52).

      (2) Penetrant check per 20-20-02: fittings (50, 53, 56, 59, 62, 65, 68, 71, 74, 77, 80, 175, 182, 219, 228, 289, 300, Fig. 1101), rods (105, 139, 246, 253), gates (110, 144), arms (277, 50-8294-11, -19; 281, 50-8294-14, -22), supports (297, 308); handle (6, Fig. 1102), cam (7), sleeve (8), pin (14), shaft (15), camplate (18), crank (64, 65-54024-3), crank (85, 90-7815-19, -21; 109), crank (86, 100, 122), housing (93, 94, 97); and fitting (12, Fig. 1103).

   C. Check spring (13, Fig. 1102) for a load of 3.0 to 3.8 pounds required to compress spring to 3.34-inch length; and a load of 5.8 to 7.0 pounds required to compress spring to 2.05-inch length.

REPAIR

1. Materials

NOTE: Equivalent substitutes can be used.

When they were made, the door assemblies were fillet and injection sealed with BMS 5-95 or other approved optional sealants. Special refinishing and primers will not be necessary if you use BMS 5-95 sealant for fillet and injection seals during maintenance activities.

A. Compound, Corrosion Inhibiting (SOPM 20-60-02)

(1) BMS 3-23

(2) MIL-C-11796 Class 3

(3) MIL-C-16173 Grade 2

B. Enamel (SOPM 20-60-02)

(1) BMS 10-11, Type 2 gloss, BAC702 white

(2) BMS 10-60 gloss, BAC201 orange

(3) BMS 10-60 gloss, BAC702 white

C. Grease -- BMS 3-33 or MIL-G-23827 (SOPM 20-60-03)

D. Lubricant, solid film -- BMS 3-8, class A (SOPM 20-60-03)

E. Primer (SOPM 20-60-02)

(1) BMS 10-11, Type 1

(2) BMS 10-79

F. Sealant -- BMS 5-95 (supersedes BMS 5-79) (SOPM 20-60-04)

G. Solvent (SOPM 20-60-01)

(1) Methyl ethyl ketone

(2) BMS 11-7

2. Repair

A. Repair small defects by standard industry practices.

B. If the 1/4-inch diameter holes for the bolts (256, Fig. 1101) in coupling sleeves (257), hinge pins (273, 273A, 273B) or hinge torque tube (52, Fig. 1102) are worn or corroded, repair the holes as follows:

(1) Machine the holes (SOPM 20-10-02) to one of the repair diameters that follow:

(a) 0.2651-0.2661 inch diameter

(b) 0.2807-0.2817 inch diameter

(c) 0.2963-0.2973 inch diameter

(d) 0.3120-0.3130 inch diameter

(2) Assemble the parts as specified in the Assembly instructions with the fasteners (no substitution of the bolt grip length is permitted) that follow:

(a) For the 0.2651-0.2661 inch repair diameter - Use BACB30NE4-26X bolts, AN960D416 washers and BACN10JC4 nuts.

(b) For the 0.2807-0.2817 inch repair diameter - Use BACB30NE4-26Y bolts, AN960D416 washers and BACN10JC4 nuts.

(c) For the 0.2963-0.2973 inch repair diameter - Use BACB30NE4-26Z bolts, AN960D416 washers and BACN10JC4 nuts.

(d) For the 0.3120-0.3130 inch repair diameter - Use BACB30NE5-26 bolts, AN960D516 washers, and BACN10JC5 nuts.

C. If the 5/16-inch diameter holes for the bolts (256A, 256B, Fig. 1101) in coupling sleeves (257), hinge pins (273), or hinge torque tube (52, Fig. 1102) are worn or corroded, repair the holes as follows:

(1) Machine the holes (SOPM 20-10-02) to one of the repair diameters that follow:

(a) 0.3276-0.3286 inch diameter

(b) 0.3432-0.3442 inch diameter

(2) Assemble the parts as specified in the Assembly instructions with the fasteners (no substitution of the bolt grip length is permitted) that follow:

(a) For the 0.3276-0.3286 inch repair diameter - Use BACB30NE5-26X bolts, AN960D516 washers and BACN10JC5 nuts.

(b) For the 0.3432-0.3442 inch repair diameter - Use BACB30NE5-26Y bolts, AN960D516 washers, and BACN10JC5 nuts.

D. Repair mechanism housing assembly (93, Fig. 1102) bores.

(1) Machine housing (94) as required, within repair limits shown, to remove defects (Fig. 401).

(2) Chamfer outside edge 0.06 inch X 45 degrees.

(3) Do a penetrant check of machined surfaces (SOPM 20-20-02).

(4) Dow 7 or 17 anodize housing (94) bores and apply one coat of BMS 10-11 Type 1 primer (F-18.09) (SOPM 20-43-02 and 20-41-02).

(5) Manufacture applicable repair sleeve (Fig. 401).

(6) Coat repair sleeve OD and housing bore with BMS 10-11, Type 1 primer and install sleeve wet.

(7) Machine repair sleeve ID to housing bore design inside diameter (Fig. 401). Chamfer as shown for the housing bore.

NOTE: Maintain concentricity of upper and lower bores within 0.002 total indicator reading.

(8) Brush-apply alodine on repair sleeve ID after machining.

(9) Fillet seal periphery of repair sleeve with BMS 5-95, class B sealant, both ends.

(10) Apply one coat of primer BMS 10-11, Type 1, per SOPM 20-41-02 (F-20.02), except omit from nutplates and bushing bores.

(11) Apply two coats white enamel (SRF-14.9812), except omit from nutplates and bushing bores.

E. Repair mechanism housing assembly (93) mounting hole boss.

(1) Machine the face of mounting hole boss to a depth of 0.063 inch to remove defects. Surface finish to be 125 microinch or better.

(2) Do a penetrant check of machined surfaces (Ref 20-20-02).

(3) Dow 7 or 17 anodize housing (94) and apply one coat of BMS 10-11, Type 1, primer (F-18.09) (SOPM 20-43-02 and 20-41-02).

(4) Use additional shims (37) as required when installing mechanism housing assembly (93).

F. Repair the mechanism housing assembly (95, Fig. 1102) bores.

(1) Remove sleeves from housing (97) as necessary.

(2) Machine the housing (97) as necessary, within the repair limits shown, to remove defects (Fig. 401A).

(3) Chamfer the outside edges as specified in Fig. 401A.

(4) Do a penetrant check of the machined surfaces (SOPM 20-20-02).

(5) Dow 17 anodize (F-17.12) the housing (97) bores and apply one coat of BMS 10-11, Type 1 primer (F-20.02) (SOPM 20-43-02 and 20-41-02).

(6) Make the applicable repair sleeve (Fig. 401A).

(7) Install the repair sleeve into the housing bore with wet BMS 5-95 sealant as specified in SOPM 20-50-03.

(8) Machine the inner diameter of the repair sleeve to the design diameter specified for the housing bore (Fig. 401A). The surface roughness for the inner diameter must be 32 Ra or better. Chamfer as necessary.

(9) Fillet seal the periphery of the repair sleeve with BMS 5-95, class B sealant, at each end of the sleeve.

(10) Apply one coat of primer BMS 10-11, Type 1, as specified in SOPM 20-41-02 (F-20.02), but do not put primer on the nutplates or the bushing bores.

(11) Apply one coat of BMS 10-11, Type 2 white enamel (F-21.03), but do not put primer on the nutplates or the bushing bores.

G. Repair the mechanism housing assembly (95) mounting hole boss.

(1) Machine the face of the mounting hole boss to a depth of 0.063 inch to remove defects. Surface finish to be 63 microinch or better.

(2) Do a penetrant check of the machined surfaces (SOPM 20-20-02).

(3) Dow 17 anodize (F-17.12) the housing (97) and apply one coat of BMS 10-11, Type 1 primer (F-20.02) (SOPM 20-43-02 and 20-41-02).

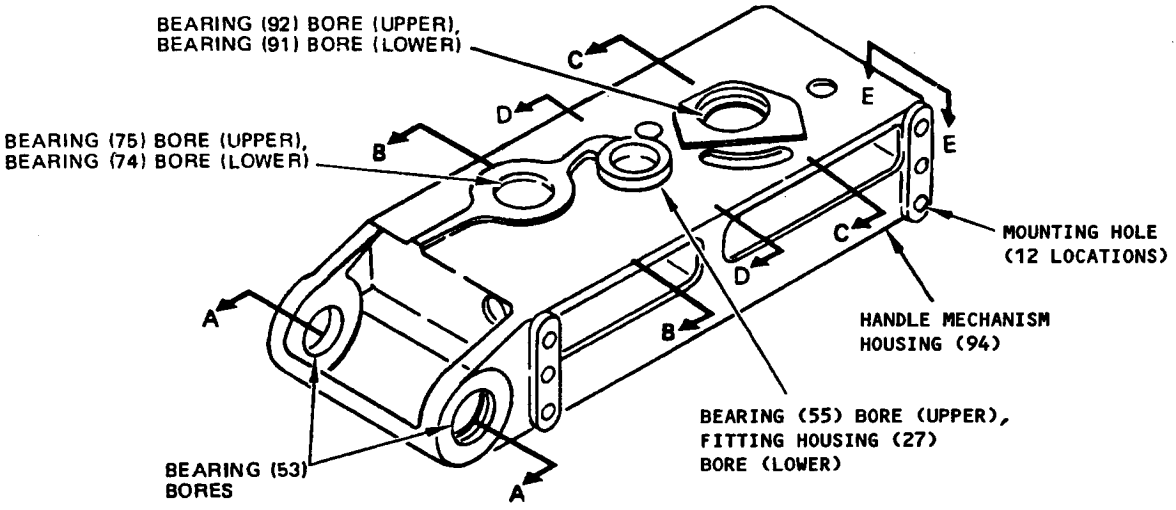
(4) Use additional shims (37) as necessary when you install the mechanism housing assembly (95).

H. If the 1/4 inch diameter holes for the bolts (267, Fig. 1101) in the hinge pins (273, 273A, 273B) and the upper hinge arms (274) or lower hinge arms (278) are worn or corroded, repair the holes as follows:

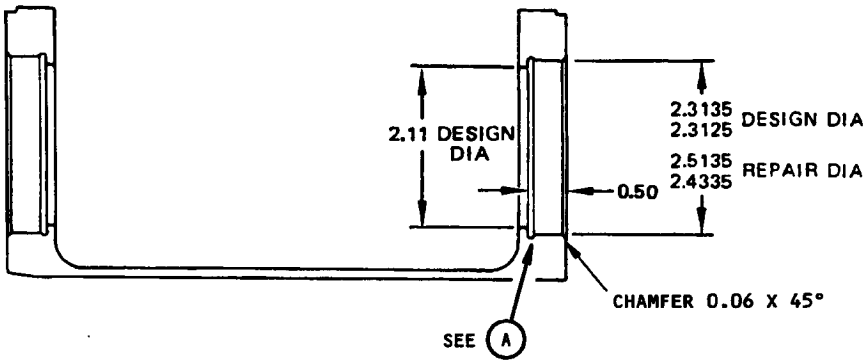
(1) Machine the holes to a 0.2651-0.2661 inch diameter as specified in SOPM 20-10-02.

(2) Assemble the parts as specified in the Assembly instructions with the fasteners (no substitution of the bolt grip length is permitted) that follow:

(a) For the 0.2651-0.2661 inch repair diameter - Use BACN30NE4-24X bolts, BACW10R4 washers, NAS577-4A nuts, and NAS578-4B retainers.

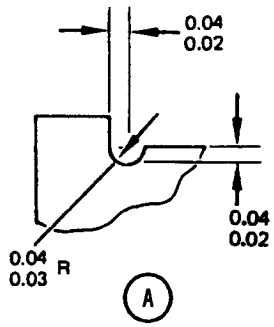


ALL ITEM NUMBERS REFER
TO FIGURE 1102



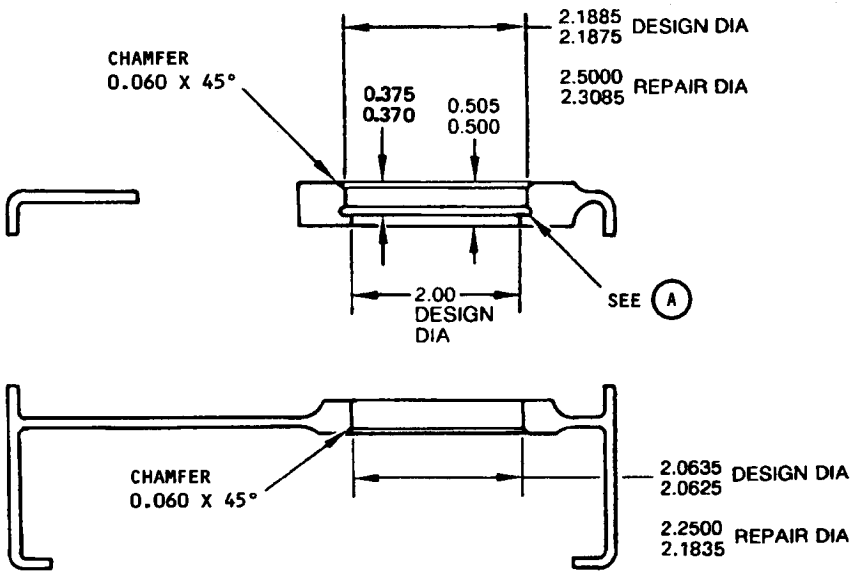
ALL DIMENSIONS APPLY
FOR BOTH HOLES
ALL TOLERANCES ± 0.010
UNLESS OTHERWISE SPECIFIED

A–A

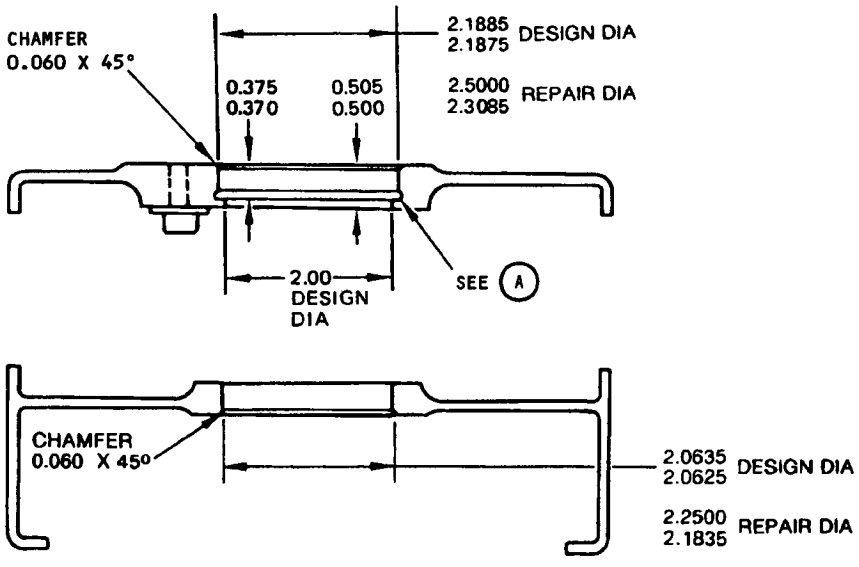


HOUSING (94, FIG. 1102)

Handle Mechanism Housing Repair
Figure 401 (Sheet 1)



B-B

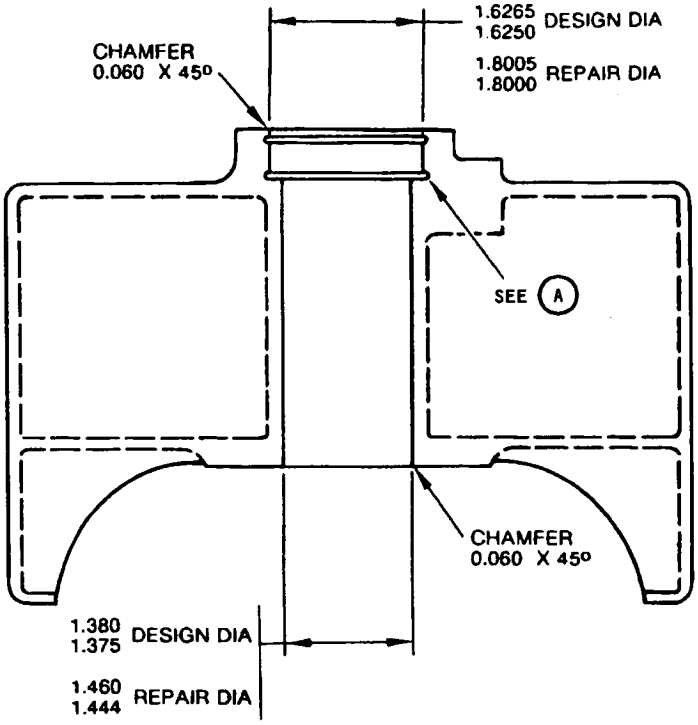


C-C

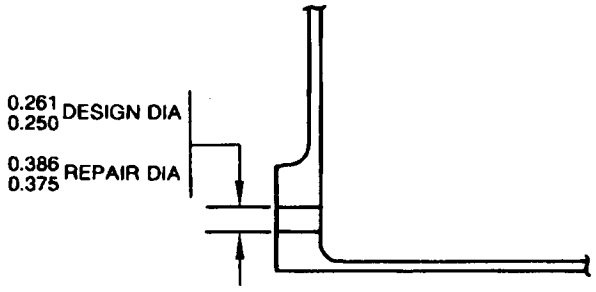
ALL TOLERANCES ±0.010
UNLESS OTHERWISE SPECIFIED

HOUSING (94, FIG. 1102)

Handle Mechanism Housing Repair
Figure 401 (Sheet 2)



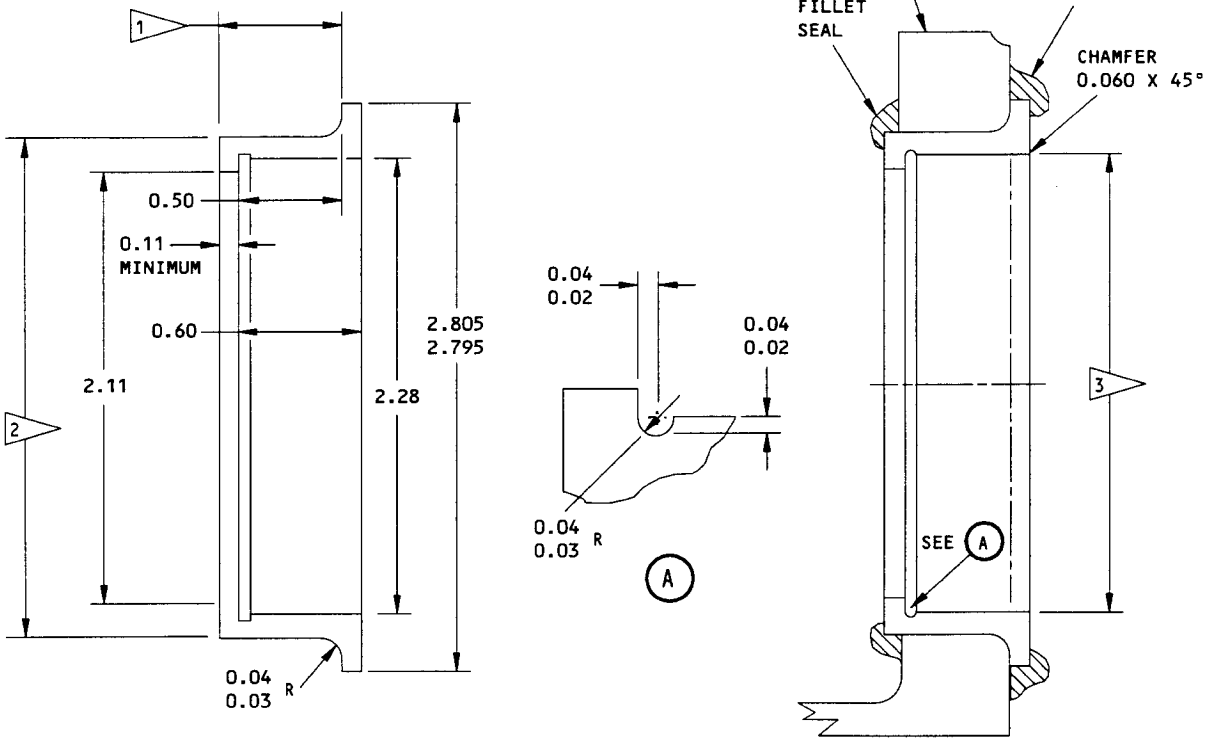
D-D



E-E

HOUSING (94, FIG. 1102)

Handle Mechanism Housing Repair
Figure 401 (Sheet 3)



SLEEVE FABRICATION

SLEEVE INSTALLATION

1 0.06-0.10 GREATER THAN THICKNESS OF HOUSING TO PERMIT APPLICATION OF SEALANT AFTER SLEEVE INSTALLATION.

2 FINAL SLEEVE OUTSIDE DIAMETER EQUALS REPAIR DIAMETER OF HOUSING PLUS 0.0005-0.0010 INTERFERENCE

3 DESIGN DIAMETER OF HOUSING (94, FIG. 1102) BORE FOR BEARING (53). MACHINE AFTER INSTALLATION.

125 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

ALL TOLERANCES ARE ±0.010 UNLESS OTHERWISE SPECIFIED

MATERIAL: AL ALLOY 7075-T6

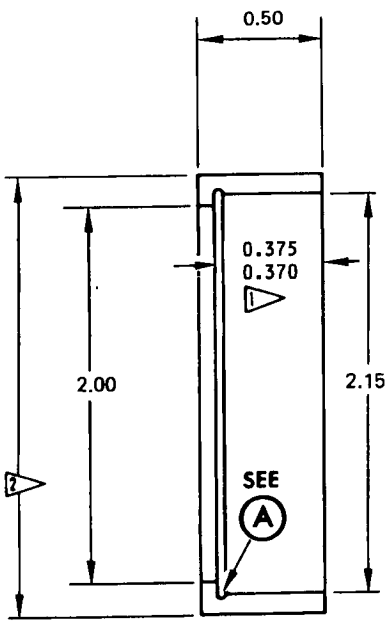
FINISH: CHROMIC ACID ANODIZE PER 20-43-01 AND APPLY ONE COAT BMS 10-11, TYPE 1 PRIMER ALL OVER

ALL DIMENSIONS ARE IN INCHES

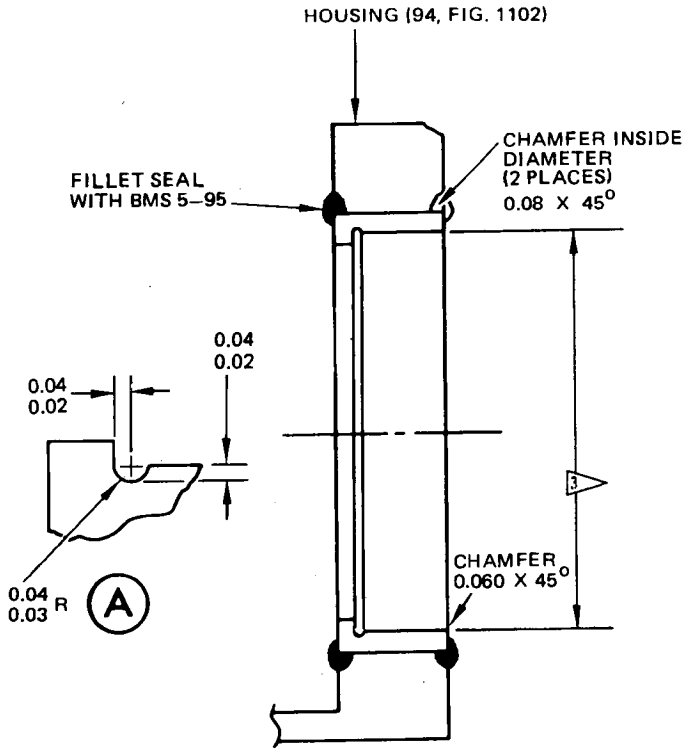
REPAIR SLEEVE FOR BEARING (53) BORE

Handle Mechanism Housing Repair
Figure 401 (Sheet 4)

M13755



SLEEVE FABRICATION



SLEEVE INSTALLATION

1 CONTROLLING DIMENSION FOR BEARING DEPTH.

2 FINAL SLEEVE OUTSIDE DIA. EQUALS REPAIR DIA OF HOUSING PLUS 0.002–0.003 INTERFERENCE.

3 DESIGN DIA. OF HOUSING (94, FIG 1102) BORE FOR BEARINGS (75, 92, FIG 1102). MACHINE AFTER INSTALLATION

ALL DIMENSIONS ARE IN INCHES

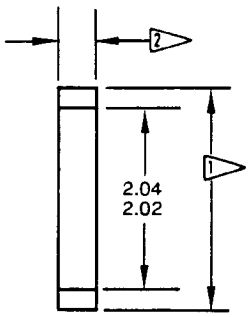
ALL TOLERANCES ARE ± 0.010 UNLESS OTHERWISE SPECIFIED

125 ALL MACHINED SURFACES

MATERIAL: AL ALLOY 7075–T6

FINISH: CHROMIC ACID ANODIZE PER 20–43–01 AND APPLY ONE COAT BMS 10–11, TYPE 1 PRIMER

REPAIR SLEEVE FOR BEARING (75, 92) BORES



1 FINAL SLEEVE OD EQUALS REPAIR DIA OF HOUSING PLUS 0.0005-0.0010 INTERFERENCE

2 SLEEVE LENGTH TO BE FLUSH MINUS 0.00-0.03 WITH HOUSING

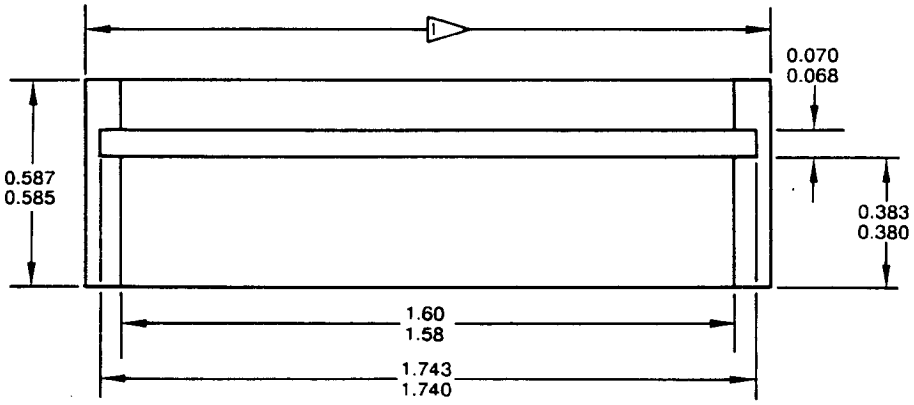
ALL DIMENSIONS ARE IN INCHES

125 ALL MACHINED SURFACES

MATERIAL: AL ALLOY, 7075-T6

FINISH: CHROMIC ACID ANODIZE PER 20-43-01 AND APPLY ONE COAT OF BMS 10-11, TYPE 1, PRIMER

REPAIR SLEEVE FOR BEARING (74, 91) BORES



1 FINAL SLEEVE OD EQUALS REPAIR DIA OF HOUSING PLUS 0.0005-0.0010 INTERFERENCE

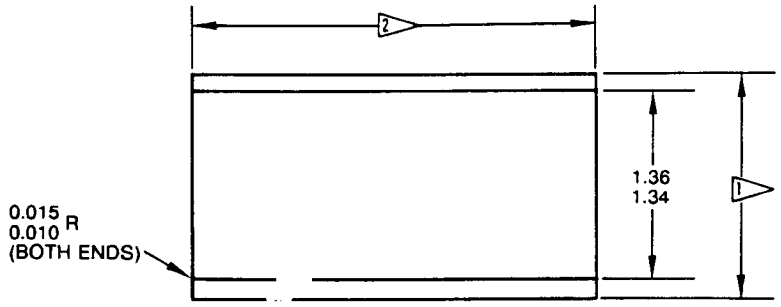
ALL DIMENSIONS ARE IN INCHES

125 ALL MACHINED SURFACES

MATERIAL: AL-NI-BRONZE

FINISH: CADMIUM PLATE PER 20-42-05 AND APPLY ONE COAT OF BMS 10-11, TYPE 1, PRIMER

REPAIR SLEEVE FOR BEARING (55) BORE



1 FINAL SLEEVE OD EQUALS REPAIR DIA OF HOUSING PLUS 0.0005-0.0010 INTERFERENCE

2 SLEEVE LENGTH TO BE FLUSH MINUS 0.00-0.03 WITH HOUSING

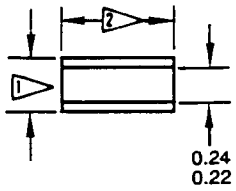
ALL DIMENSIONS ARE IN INCHES

125 ALL MACHINED SURFACES

MATERIAL: AL ALLOY, 7075-T6

FINISH: CHROMIC ACID ANODIZE PER 20-43-01 AND APPLY ONE COAT OF BMS 10-11, TYPE 1, PRIMER

REPAIR SLEEVE FOR FITTING HOUSING (27) BORE



1 FINAL SLEEVE OD EQUALS REPAIR DIA OF HOUSING PLUS 0.0005-0.0010 INTERFERENCE

2 SLEEVE LENGTH TO BE FLUSH MINUS 0.00-0.03 WITH HOUSING

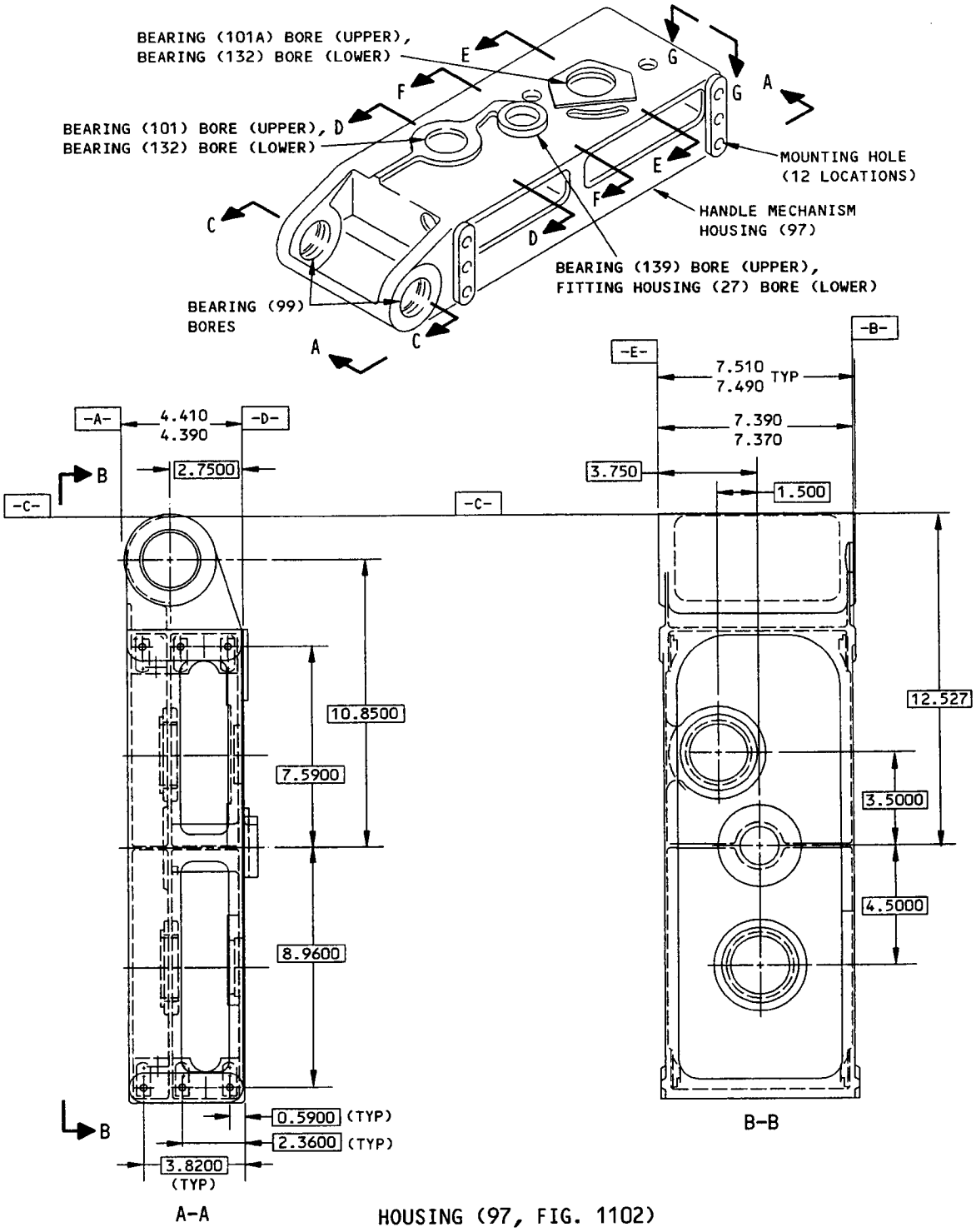
ALL DIMENSIONS ARE IN INCHES

125 ALL MACHINED SURFACES

MATERIAL: AL ALLOY, 7075-T6

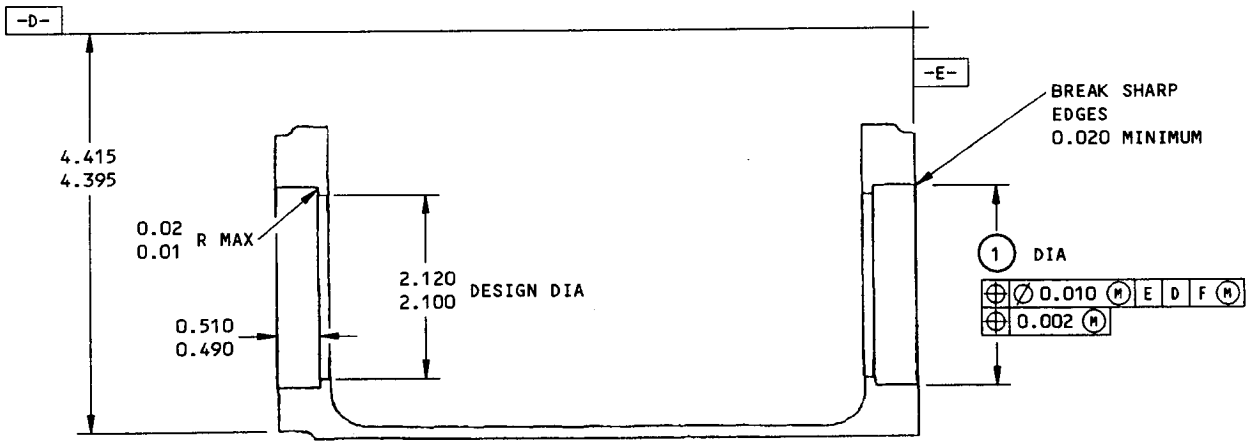
FINISH: CHROMIC ACID ANODIZE PER 20-43-01 AND APPLY ONE COAT OF BMS 10-11, TYPE 1, PRIMER

REPAIR SLEEVE FOR MOUNTING HOLES



HOUSING (97, FIG. 1102)

Handle Mechanism Housing Repair
Figure 401A (Sheet 1)



- ALL DIMENSIONS APPLY FOR BOTH HOLES
- SEE VIEW F-F FOR DATUM "F"

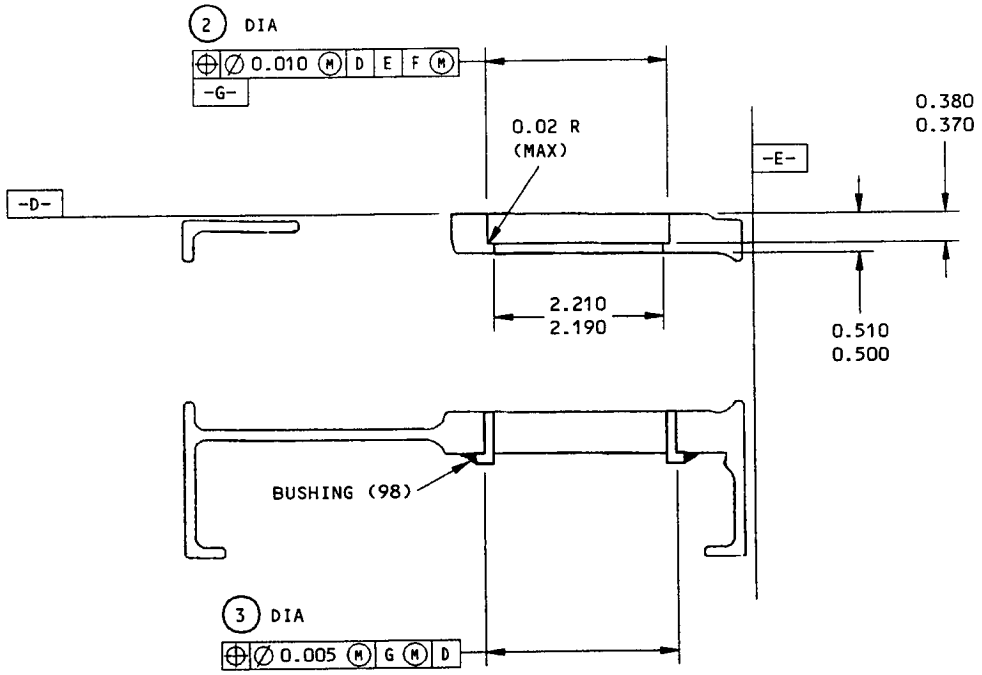
BEARING (99) BORES
C-C

	1
DESIGN DIM	2.3135 2.3125
REPAIR LIMIT	2.5135 2.4335

HOUSING (97, FIG. 1102)

Handle Mechanism Housing Repair
Figure 401A (Sheet 2)

L51835



- SEE VIEW B-B FOR DATUM "E"
- SEE VIEW F-F FOR DATUM "F"

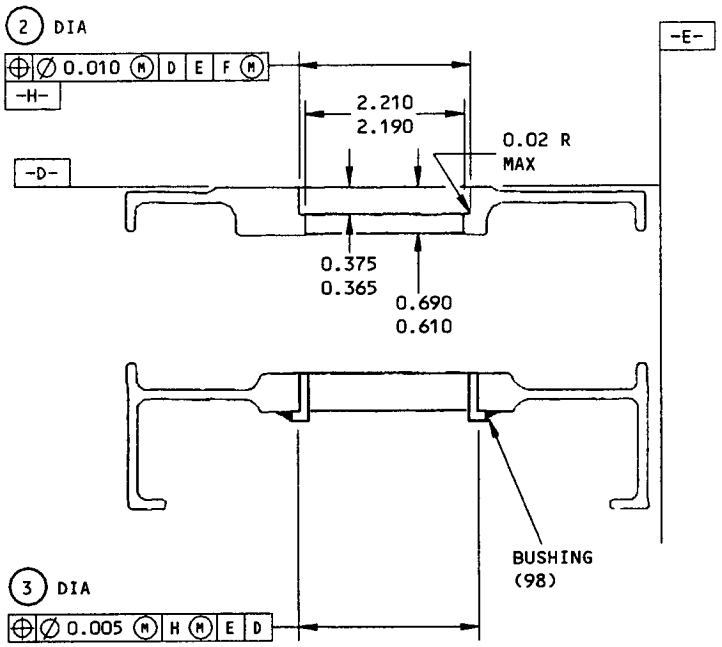
	2	3
DESIGN DIM	2.376 2.375	2.5009 2.5000
REPAIR LIMIT	2.561 2.501	2.686 2.626

BUSHING (98) BORE (UPPER)
BEARING (101) BORE (UPPER)
BEARING (132) BORE (LOWER)

D-D

HOUSING (97, FIG. 1102)

Handle Mechanism Housing Repair
Figure 401A Sheet 3)



- SEE VIEW B-B FOR DATUM "E"
- SEE VIEW F-F FOR DATUM "F"

	2	3
DESIGN DIM	2.376 2.375	2.5009 2.5000
REPAIR LIMIT	1	1

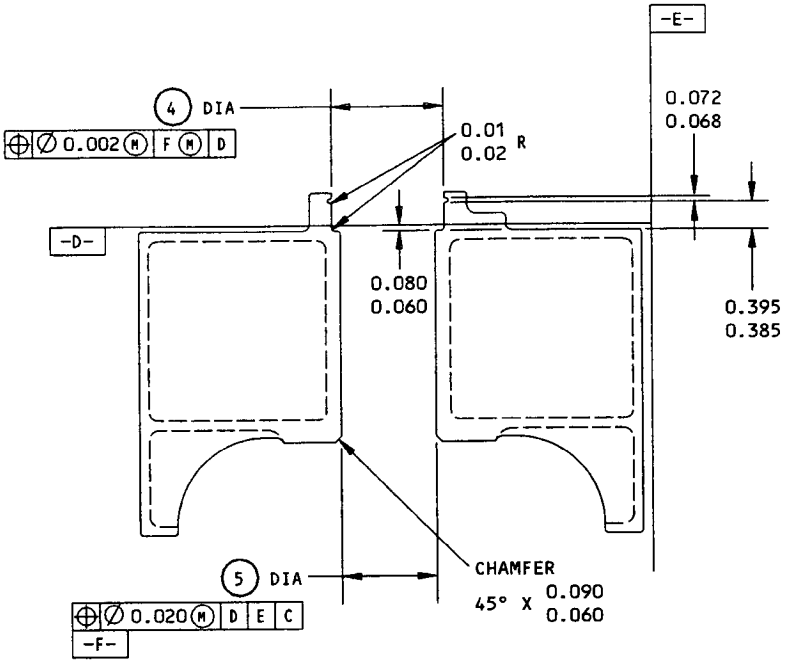
BUSHING (98) BORE (UPPER)
BEARING (101A) BORE (UPPER)
BEARING (132) BORE (LOWER)

E-E

1 CONTACT BOEING TO COORDINATE REPAIRS FOR BORES INDICATED.

HOUSING (97, FIG. 1102)

Handle Mechanism Housing Repair
Figure 401A (Sheet 4)



- SEE VIEW B-B FOR DATUM "E"

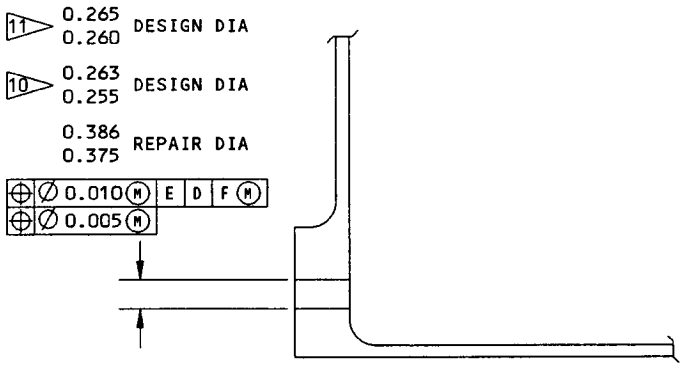
	4	5
DESIGN DIM	1.6265 1.6250	1.380 1.375
REPAIR LIMIT	1.8005 1.8000	1.460 1.444

BEARING (139) BORE (UPPER)
FITTING HOUSING (27) BORE (LOWER)

F-F

HOUSING (97, FIG. 1102)

Handle Mechanism Housing Repair
Figure 401A (Sheet 5)



- VIEW A-A FOR DATUM "A".
- VIEW B-B FOR DATUM "E".
- SEE VIEW F-F FOR DATUM "F".

HOUSING (97, FIG. 1102) MOUNTING HOLES

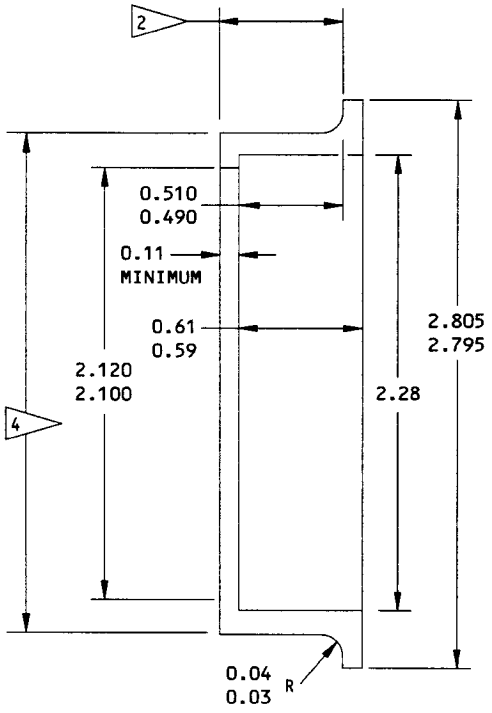
G-G

10 65C36625-2 HOUSING
11 65C36625-5 HOUSING

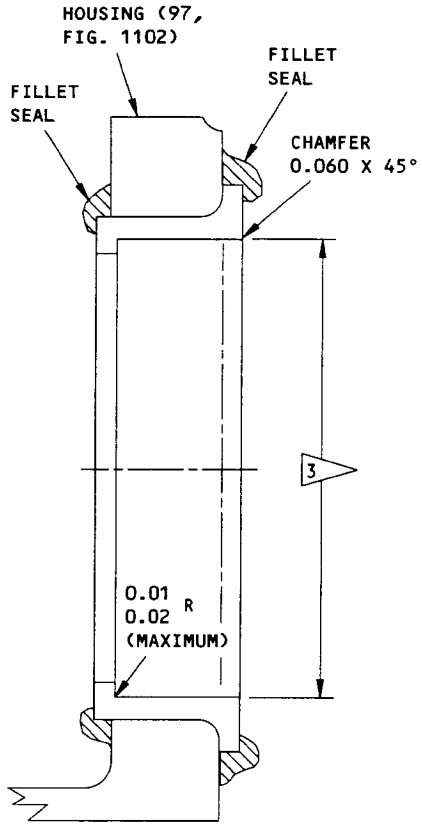
HOUSING (97, FIG. 1102)

Handle Mechanism Housing Repair
Figure 401A (Sheet 6)

L52821



SLEEVE FABRICATION



SLEEVE INSTALLATION

2 0.06-0.10 GREATER THAN THICKNESS OF HOUSING TO PERMIT APPLICATION OF SEALANT AFTER SLEEVE INSTALLATION

3 DESIGN DIA OF HOUSING (97, FIG. 1102) BORE FOR BEARING (99), MACHINE AFTER INSTALLATION

4 FINAL SLEEVE OUTSIDE DIA EQUALS REPAIR DIA OF HOUSING PLUS 0.0005-0.0010 INTERFERENCE

63 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

FINISH: CADMIUM PLATE AS SPECIFIED IN SOPM 20-42-05, AND APPLY ONE COAT BMS 10-11, TYPE 1 PRIMER ALL OVER

MATERIAL: AL-NI-BRONZE

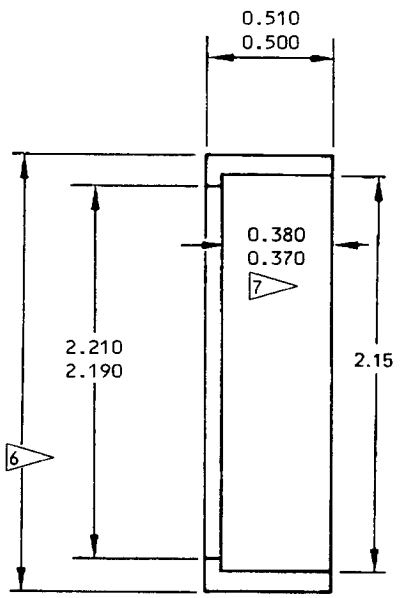
ALL TOLERANCES ARE ±0.010 UNLESS SPECIFIED DIFFERENTLY

ALL DIMENSIONS ARE IN INCHES

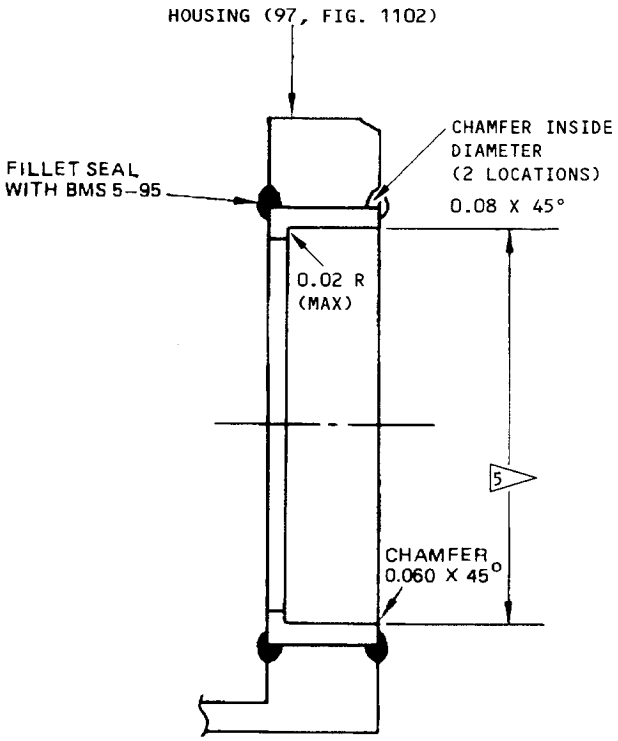
REPAIR SLEEVE FOR BEARING (99) BORE

Handle Mechanism Housing Repair
Figure 401A (Sheet 7)

L53152



SLEEVE FABRICATION



SLEEVE INSTALLATION

5 DESIGN DIA OF HOUSING (97, FIG. 1102) BORE FOR BEARING (101, FIG. 1102). MACHINE AFTER INSTALLATION.

6 FINAL SLEEVE OUTSIDE DIA EQUALS REPAIR DIA OF HOUSING PLUS 0.002-0.003 INTERFERENCE.

7 CONTROLLING DIMENSION FOR BEARING DEPTH.

63 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

FINISH: CADMIUM PLATE AS SPECIFIED IN SOPM 20-42-05, AND APPLY ONE COAT BMS 10-11, TYPE 1 PRIMER

MATERIAL: AL-NI-BRONZE

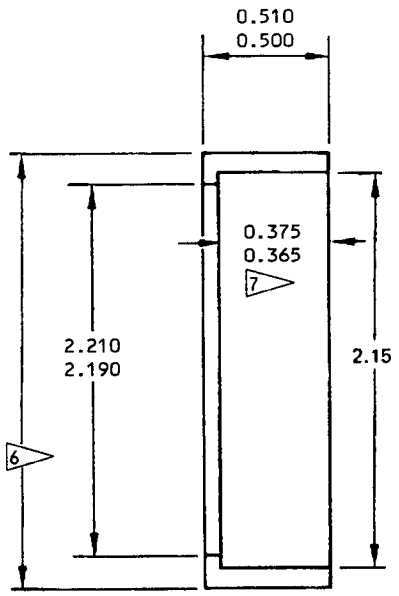
ALL TOLERANCES ARE ±0.010 UNLESS SPECIFIED DIFFERENTLY

ALL DIMENSIONS ARE IN INCHES

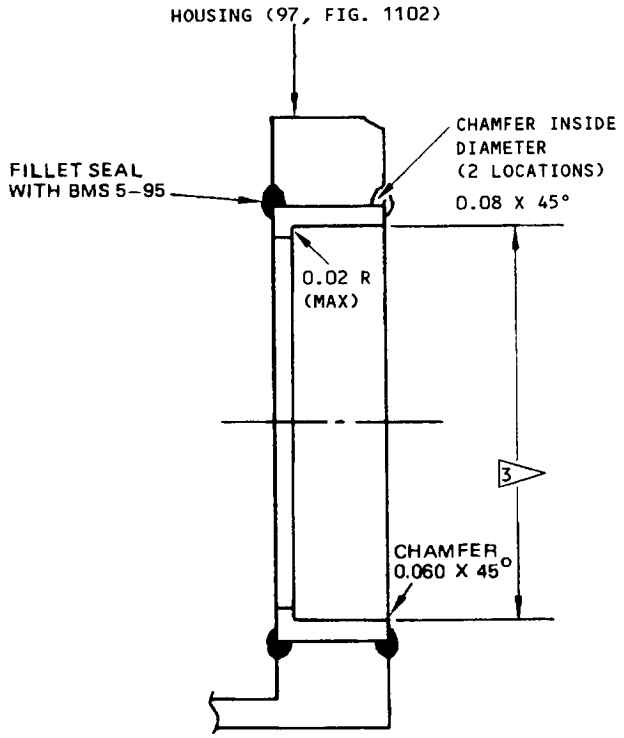
REPAIR SLEEVE FOR BEARING (101) BORE

Handle Mechanism Housing Repair
Figure 401A (Sheet 8)

L53338



SLEEVE FABRICATION



SLEEVE INSTALLATION

3 DESIGN DIA OF HOUSING (97, FIG. 1102) BORE FOR BEARING (101A, FIG. 1102). MACHINE AFTER INSTALLATION.

6 FINAL SLEEVE OUTSIDE DIA EQUALS REPAIR DIA OF HOUSING PLUS 0.002-0.003 INTERFERENCE.

7 CONTROLLING DIMENSION FOR BEARING DEPTH.

63 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

FINISH: CADMIUM PLATE AS SPECIFIED IN SOPM 20-42-05, AND APPLY ONE COAT BMS 10-11, TYPE 1 PRIMER

MATERIAL: AL-NI-BRONZE

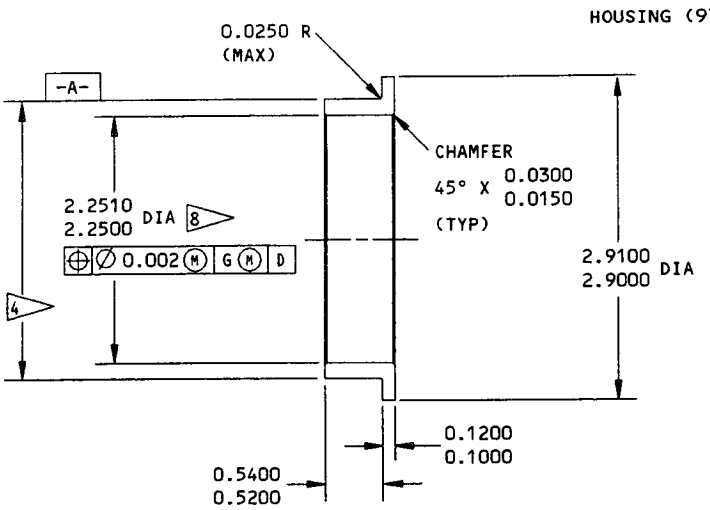
ALL TOLERANCES ARE ±0.010 UNLESS SPECIFIED DIFFERENTLY

ALL DIMENSIONS ARE IN INCHES

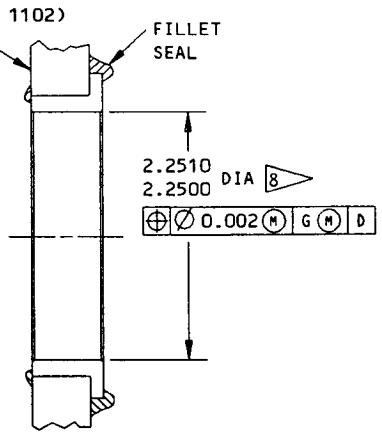
REPAIR SLEEVE FOR BEARING (101A) BORE

Handle Mechanism Housing Repair
Figure 401A (Sheet 9)

L53354



SLEEVE FABRICATION



SLEEVE INSTALLATION

63 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

FINISH: CADMIUM PLATE (0.0002-0.0004 INCH) AS SPECIFIED IN SOPM 20-42-05 (F-15.02). CADMIUM PLATE IN BORE IS OPTIONAL.

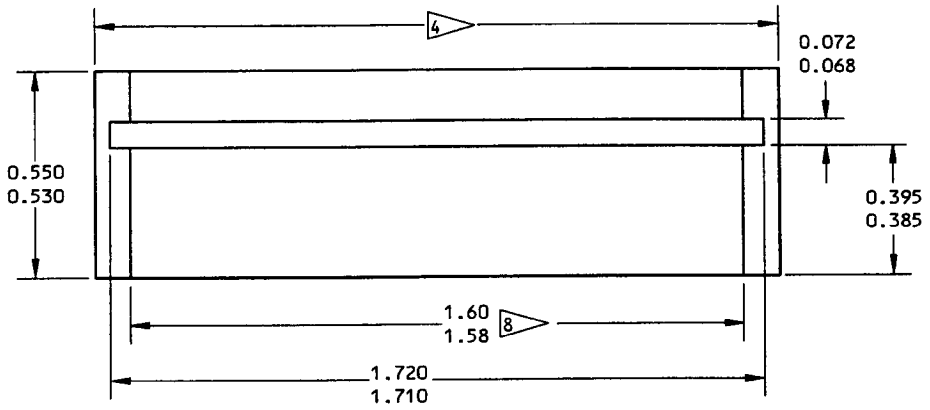
MATERIAL: AL-NI-BRONZE

ALL DIMENSIONS ARE IN INCHES

4 FINAL SLEEVE OUTSIDE DIA EQUALS REPAIR DIA OF HOUSING PLUS 0.0005-0.0010 INTERFERENCE.

8 MACHINE AFTER INSTALLATION

REPAIR SLEEVE FOR BEARING (132) BORE



63 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

FINISH: CADMIUM PLATE AS SPECIFIED IN SOPM 20-42-05, AND APPLY ONE COAT OF BMS 10-11, TYPE 1 PRIMER

MATERIAL: AL-NI-BRONZE

ALL DIMENSIONS ARE IN INCHES

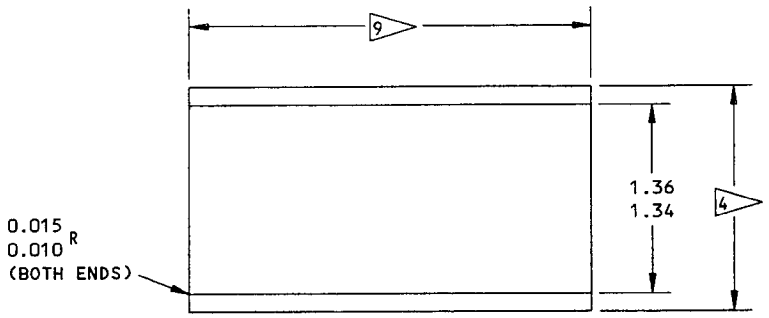
4 FINAL SLEEVE OUTSIDE DIA EQUALS REPAIR DIA OF HOUSING PLUS 0.0005-0.0010 INTERFERENCE.

8 MACHINE AFTER INSTALLATION TO DESIGN DIA.

REPAIR SLEEVE FOR BEARING (139) BORE

Handle Mechanism Housing Repair
Figure 401A (Sheet 10)

L53968



4 FINAL SLEEVE OUTSIDE DIA EQUALS REPAIR DIA OF HOUSING PLUS 0.0005-0.0010 INTERFERENCE.

9 SLEEVE LENGTH TO BE FLUSH MINUS 0.00-0.03 WITH HOUSING

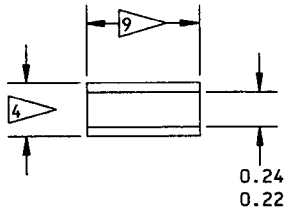
63 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

FINISH: CADMIUM PLATE AS SPECIFIED IN SOPM 20-42-05, AND APPLY ONE COAT OF BMS 10-11, TYPE 1 PRIMER

MATERIAL: AL-NI-BRONZE

ALL DIMENSIONS ARE IN INCHES

REPAIR SLEEVE FOR FITTING HOUSING (27) BORE



4 FINAL SLEEVE OUTSIDE DIA EQUALS REPAIR DIA OF HOUSING PLUS 0.0005-0.0010 INTERFERENCE.

9 SLEEVE LENGTH TO BE FLUSH MINUS 0.00-0.03 WITH HOUSING

63 ALL MACHINED SURFACES UNLESS SHOWN DIFFERENTLY

FINISH: CADMIUM PLATE AS SPECIFIED IN SOPM 20-42-05, AND APPLY ONE COAT OF BMS 10-11, TYPE 1 PRIMER

MATERIAL: AL-NI-BRONZE

ALL DIMENSIONS ARE IN INCHES

REPAIR SLEEVE FOR MOUNTING HOLES

Handle Mechanism Housing Repair
Figure 401A (Sheet 11)

L54108

3. Refinish

NOTE: Refer to SOPM 20-30-02 for stripping of protective finishes, and to SOPM 20-41-01 for explanation of F and SRF finish codes.

A. Door Assembly Components (Fig. 1101)

NOTE: See Fig. 402 for detail dimensions of applicable parts.

(1) Retainers (4, 36, 37), panels (6, 9), seal locator angles (30M, 69-9307-1, -5; 31M, 69-9307-2,-6), hinge halves (93, 90-7816-4; 94, 90-7816-6; 127, 90-7816-4; 128, 90-7816-5), clip (271, 271A), angles (316, 325) and channels (317, 326) -- Alodize or chromic acid anodize (SOPM 20-43-01) and apply one coat BMS 10-11, Type 1 primer (SRF-2.30) all over. Material: Al alloy.

(2) Bracket (4D) and retainer (30, 31) -- Chromic acid dip or chromic acid anodize (SOPM 20-43-01) or alodize, and apply one coat BMS 10-11, Type 1 primer (F-2.115) all over. Material: Al alloy.

(3) Clip (15) -- Zinc plate and apply one coat BMS 10-11, Type 1 primer (SRF-1.305) all over. Material: 301 CRES.

(4) Retainer (19) -- Alodize or chromic acid anodize (SOPM 20-43-01) and apply one coat BMS 10-11, Type 1 primer (SRF-2.30) all over, except omit primer on upper surface of flange. Material: Al alloy.

(5) Retainers (26 thru 30, 31, 32 thru 35) -- Alodize or chromic acid anodize (SOPM 20-43-01) and apply one coat BMS 10-11, Type 1 primer (F-18.06) all over. For final finish apply one coat BMS 10-11, Type 2 enamel, BAC 702 white gloss (F-21.03) all over. Material: Al alloy.

(5A) Seal Locator Angle (30M, 65C36666-1) -- Chromic acid anodize and apply one coat of BMS 10-11, Type 1 primer (F-18.13). Material: Al Alloy.

(5B) Seal Locator Angle (31M, 69-9307-9) -- Chemical treat and apply one coat of BMS 10-11, Type 1 primer (F-18.06). Material: Al alloy.

(5C) Seal Locator Angle (36M, 69-12003-5; 37M, 69-12003-4) -- Chemical treat or chromic acid anodize (SOPM 20-43-01) and apply one coat of BMS 10-11, Type 1 primer (SRF-2.3). Apply one coat of BMS 10-11, Type 2 enamel, color 702 white to 0.001-0.002 inch dry film thickness (SRF-12.64). Material: Al alloy.

(5D) Seal Locator Angle (36M, 69-12003-11; 37M, 69-12003-10) -- Chromic acid anodize and apply one coat of BMS 10-11, Type 1 primer (F-18.13). Apply one coat of BMS 10-11, Type 2 enamel, color 702 white gloss (F-21.03). Material: Al alloy.

(6) Guide (44) -- Cadmium plate threads and shaft per SOPM 20-42-05, Type 1, class 2 (F-1.191). Apply hard chrome plate (F-1.842) to hemispherical surface. Bake 3 hours at 350-400°F. Material: 4130 or 4330 steel, 150-170 ksi.

(6A) Roller fitting (45, 90-7810) -- Chemical treat or chromic acid anodize and apply BMS 10-11, Type 1 primer (SRF-2.30). Material: Alum alloy.

(6B) Roller fitting (45, 90-7810-1) -- Chemical treat or chromic acid anodize and apply BMS 10-11, Type 1 primer (F-18.05). Do not apply primer on serrated surfaces. Apply BMS 10-11, Type 2 enamel (F-21.03). Apply BMS 10-11, Type 2 enamel (F-21.03). Apply enamel to primered surfaces only. Material: Alum alloy.

(7) Spring (46) -- Apply two coats BMS 10-11, Type 1 primer (SRF-12.206) all over. Material: Steel music wire.

(8) Pins (47, 66-12687-1) and bushings (49, 52, 55, 58, 61, 64, 67, 70, 73, 76, 79, 66-12688-1) -- Cadmium plate per SOPM 20-42-05, Type 2, class 2 (F-1.1923) all over. See Fig. 402 for bushing dimension. Pins (47) are 4140 or 4340 steel, 160-180 ksi. Bushings (66-12688-1) are 4130 or 4140 steel, 125-145 ksi.

(9) Pins (47, 30-3002) and bushings (49, 52, 55, 58, 61, 64, 67, 70, 73, 76, 79, 66-24076 and 30-3001) -- Cadmium plate per SOPM 20-42-05, Type 1, class 2 (F-1.20) all over. See Fig. 402 for bushing dimension. Material: 4130 or 8740 steel. Pins (47) are heat-treated 160-180 ksi; bushings (66-24076) are 125-145 ksi; bushings (30-3001) are 180-200 ksi.

(10) Pins (47, 66-24075 , -3) -- Cadmium plate per SOPM 20-42-05, Type 1, class 2 (F-1.191) all over. Material: 4130 or 8740 steel, 160-180 ksi.

(11) Stop fittings (50, 50-9758-3, -6; 53, 50-9759-5, -7; 56, 65-51276-5, -8, 65-2122-1, -5; 59, 69-1948-3, -6; 62, 69-1949-3, -6; 65, 90-7804-3, -9; 68, 90-7804-4, -10; 71, 90-7805-1, -4; 74, 90-7807-9; 77, 90-7807-4, -10; 80, 90-7808-1, -4), support fittings (175, 182, 65-2047-10; 219, 65-2048-3; 228, 65-2047-9) and hinge supports (297, 308) -- Alodize or chromic acid anodize (SOPM 20-43-01) and apply one coat BMS 10-11, Type 1 primer (SRF-2.30) all over, except omit primer in bores of support fittings. Material: Al alloy.

(11A) Support fittings (182, 65-2047-16, -18, -22; 228, 65-2047-15, -20) -- Chromic acid anodize and apply BMS 10-11, Type 1 primer (F-18.13). Do not apply primer in bores. Material: Alum alloy.

(11B) Support fitting (182, 65C34050-4; 228, 65C34050-3) -- Chromic acid anodize and apply BMS 10-11, Type 1 primer and BMS 10-11, Type 2 enamel (F-21.18). Do not apply primer or enamel in bores. Material: Alum alloy.

(11C) Support fitting (50, 1416104-14; 53, 141A6104-16; 219, 141A6221-8) -- Boric acid - Sulfuric acid anodize (F-17.31) and apply BMS 10-11, Type 1 primer (F-20.03). Do not apply primer in bores. Material: Alum alloy.

(12) Stop fittings (50, 50-9758-10; 53, 50-9759-10, -14, -19, -20; 59, 69-1948-8; 74, 90-7807-15; 77, 90-7807-16) -- Anodize (SOPM 20-43-01) and apply one coat BMS 10-11, Type 1 primer (F-18.04) all over. Material: Al alloy.

(12A) Stop fittings (56, 65-51276-11) -- Colored film treat or chromic acid anodize (SOPM 20-43-01) and apply one coat BMS 10-11, Type 1 primer (F-18.05) all over. Material: Al alloy.

(12B) Stop fittings (59, 69-1948-10, -12; 62, 69-1949-8; 65, 90-7804-13, -19; 68, 90-7804-14, -20; 71, 90-7805-6; 74, 90-7807-21, -24, -27; 77, 90-7807-22, -28; 80, 90-7808-6) -- Chromic acid anodize (SOPM 20-43-01) and apply one coat BMS 10-11, Type 1 primer (F-18.13) all over. Material: Al alloy.

(12C) Stop fittings (68, 90-7804-16, -22) -- Chromic acid anodize a) 22 volts and seal in dilute chromate solution (SOPM 20-43-01). Apply BMS 10-11, Type 1 primer plus BMS 10-11, Type 2 enamel, color 702 white (F-21.18). Material: Al alloy.

(13) Hinge halves (93, 90-7816-9; 94, 90-7816-10; 127, 90-7816-9; 128, 90-7816-11) -- Alodize or chromic acid anodize (Ref 20-43-01) and apply two coats BMS 10-11, type 1 primer (SRF-2.30 plus SRF-12.205) all over. Material: Al alloy.

(13A) Gate hinge (94, 65C35733-2; 128, 65C35733-3) -- Chromic acid anodize at 22 volts and seal in dilute chromate solution (Ref 20-43-01). Apply BMS 10-11, type 1 primer plus BMS 10-11, type 2 enamel, color 707 white (F-21.18) to all surfaces but the hinge pin hole and the tang mating surfaces. Material: Al Alloy.

(14) Control rods (105, 139, 246, 253) -- Alodize (colored film) (F- 2.742) all over, followed by one coat BMS 10-11, type 1 primer (SRF-12.205) on exterior surface. Material: Al alloy.

(15) Stop rods (109, 143), torque tubes (183, 60-4406; 229, 60-4406) and sleeves (257, 60-4365) -- Cadmium plate exterior surfaces per 20-42-05, type 2, class 2; apply two coats BMS 10-11, type 1 primer to interior surfaces (SRF-1.611) except sleeve (257). Apply one coat primer to sleeve, 0-0008-inch maximum thickness. Material: 4130, 4340 or 8630 steel. Stop rods (109, 143) are normalized; torque tubes (183, 229) are heat-treated 150-170 ksi; sleeves are 125-145 ksi.

NOTE: Torque tubes which have been stripped, or scuffed during removal must be refinished.

See Fig. 402 for after-plating OD of stop rods (109, 143) and torque tubes (183, 229).

(15A) Torque tube (183, 60-4406-11; 229, 60-4406-11) -- Cadmium plate per 20-42-05, type 2, class 2 (F-15.06). Apply one coat of BMS 10-11, primer type 1 (F-20.02) per 20-41-02 (internal surface only). Material: 17-7PH CRES, HT TR 150-170 ksi.

NOTE: Torque tubes which have been stripped or scuffed during removal must be refinished. See Fig. 402 for after-plating OD of torque tubes (183, 229).

(16) Sleeve (257, 60-4365-1) and hinge pins (273, 60-4364-2, -3) -- Cadmium plate outer surface per 20-42-05, type 3, class 2 (F-16.04) (throw-in permitted). Apply phosphate coating (F-14.14) followed by (F-20.03) to internal surfaces. Material: 4130 steel, 125-145 ksi.

NOTE: Sleeve (257, 60-4365) may be reworked to 60-4365-1 by stripping existing finish and applying new finish as indicated above.

(16A) Sleeve (257, 60-4365-3) -- Cadmium plate as specified in 20-42-05, type 2, class 2 (F-15.06) (throw-in permitted). Material: 17-7PH or 15-5PH CRES, 150-170 ksi.

(16B) Sleeve (257, 65C37150-1) -- Passivate as specified in 20-30-03, method 2 (F-17.09). Material: 15-5PH CRES, 180-200 ksi.

(17) Gates (110, 144, 65-1647-2, 65-1648-4, -5) -- Apply Dow-7 treatment followed by two coats BMS 10-11, Type 1 primer (SRF-3.17 plus SRF-12.205) all over. Material: Magnesium.

(18) Gates (110A, 110C, 144A) -- Dow-17 anodize or Dow-7 treat followed by two coats BMS 10-11, Type 1 primer (SRF-3.30). For final finish apply BMS 10-60 gloss enamel, BAC702 white, to obtain total coating thickness of 0.004 inch minimum. Omit primer and paint from bushing bores. Material: Magnesium.

(18A) Gates (110D, 144C) -- Dow-17 anodize (F-17.12) or Dow-7 treat per MIL-M-3171, Type 3. Apply (2) coats of BMS 10-79, Type 3 primer (F-19.66), plus one coat of BMS 10-60 glass enamel (SRF-14.9815-702), to obtain total coating thickness of 0.004 inch minimum. Omit primer/paint from bushing bores. Material: Magnesium.

(19) Studs (161, 205) and rollers (162, 206) -- Electroless nickel plate (Ref 20-42-08) (F-1.803) all over except on threads. Cadmium plate threaded surfaces per SOPM 20-42-05, Type 1, class 2 (F-1.1913). Bake 3 hours at 350-400°F. See Fig. 402 for after-plating dimensions. Material: 4340 steel. Studs (161, 205) are heat-treated 180-200 ksi; rollers (162, 206) are 150-170 ksi.

(20) Roller cam cranks (167, 211, 69-37418-2, -3, -5, -502) -- Alodize (colored film) or chromic acid anodize (SOPM 20-43-01) and apply one coat BMS 10-11, Type 1 primer (SRF-2.30) all over, except omit primer on shaft OD's. Material: Alum alloy.

(21) Roller cam cranks (167, 211, 90-10001-1) -- Passivate (F-8.07) all over. Material: 17-4PH CRES, 170-210 ksi.

(21A) Roller Cam Cranks (167, 69-37418-10) -- Chemical treat or chromic acid anodize and apply BMS 10-11, Type 1 primer (F-18.05) and apply BMS 10-11, Type 2 enamel (F-21.03). But do not apply primer or enamel on shaft O.D's. Material: Alum alloy.

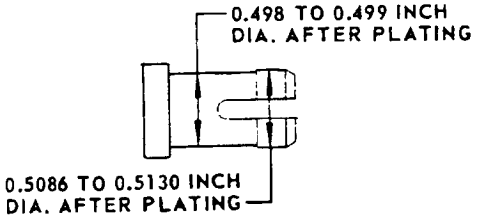
(22) Cranks (184, 60-4431; 230, 90-7825-2) -- Cadmium plate per SOPM 20-42-05, Type 2, class 2 (F-1.1923) all over (Fig. 402). Material: 4130 or 8630 steel, 125-145 ksi.

(22A) Cranks (184, 60-4431-1; 185, 60-4409-1; 230, 69-71372-3) -- Passivate as specified in SOPM 20-30-03, method 2 (F-17.09). Material: 15-5PH CRES, 150-170 ksi.

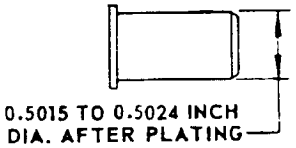
(22B) Cranks (185, 60-4409) -- Cadmium plate (0.0002-0.0004 inch thick) as specified in SOPM 20-42-05, Type 2, class 3 (F-15.02) all over (Fig. 402). Material: 4130 or 8630 steel, 125-140 ksi.

(22C) Crank (230, 69-71372-1) -- Cadmium plate (SOPM 20-42-05) and apply one coat BMS 10-11, Type 1 primer (F-16.03) all over (Fig. 402). Material: 4330M steel, 150-170 ksi; or 4130 or 8630 steel, 125-145 ksi.

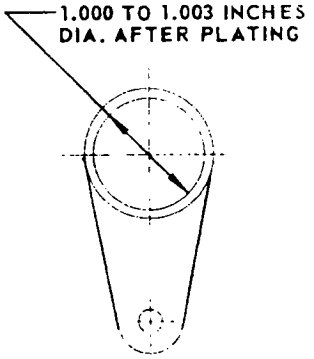
(23) Housings (192, 237) -- Alodize or chromic acid anodize (Ref 20-43-01) and apply one coat BMS 10-11, Type 1 primer (SRF-2.30) all over, except omit primer in bore and holes. Material: Al alloy.



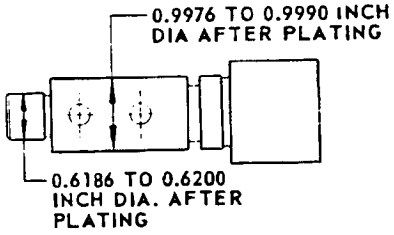
DOOR STOP BUSHING (49, 52, 55, 58, 61, 64, 67, 70, 73, 76 AND 79, P/N 66-24076, FIG. 1101)



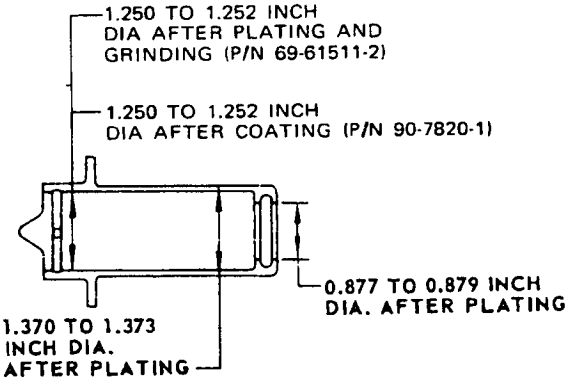
DOOR STOP BUSHING (49, 52, 55, 58, 61, 64, 67, 70, 73, 76, AND 79, P/N'S 30-3001 AND 66-12688-1, FIG. 1101)



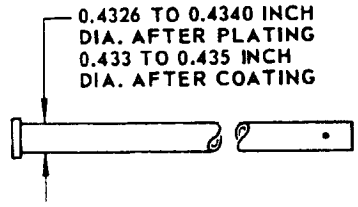
LATCH CRANK (184, 60-4431; 185, 60-4409; AND 230, 90-7825-2 FIG. 1101)



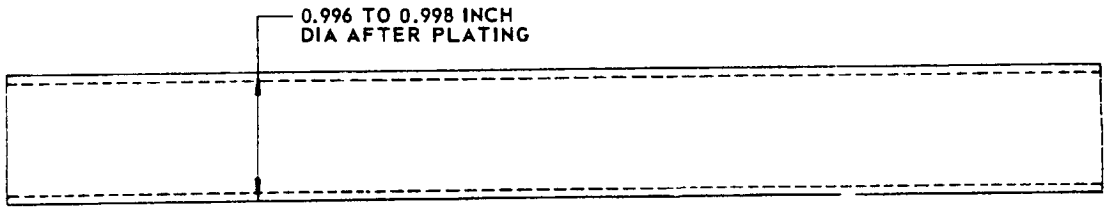
DOOR HINGE PIN (273, FIG. 1101)



HOUSING (27, FIG. 1102)



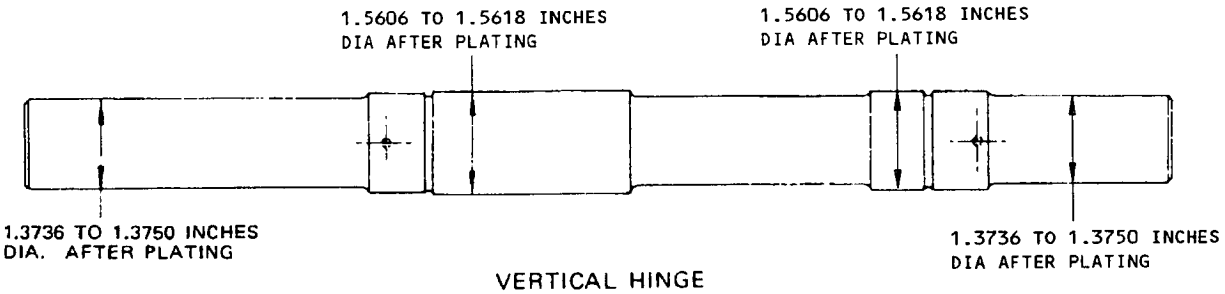
STOP ROD (109 AND 143, FIG 1101)



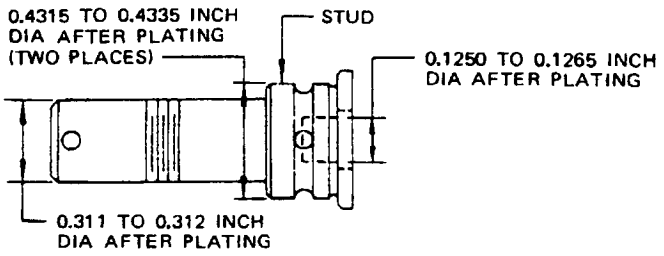
LATCH ACTUATOR TORQUE TUBE
(183 AND 229, FIG. 1101)

Refinish Details
Figure 402 (Sheet 1)

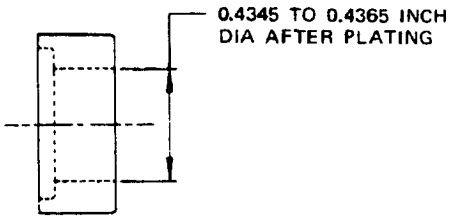
E12631



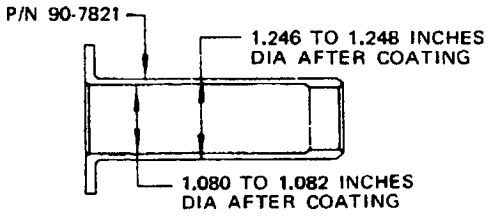
VERTICAL HINGE
TORQUE TUBE (52, FIG. 1102)



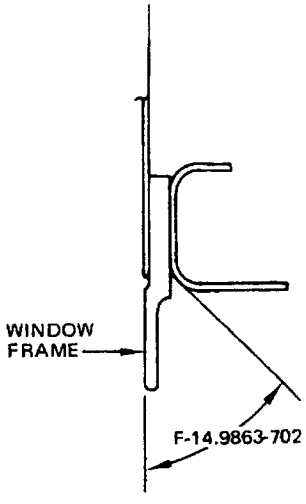
STUD (161 AND 205, FIG. 1101)

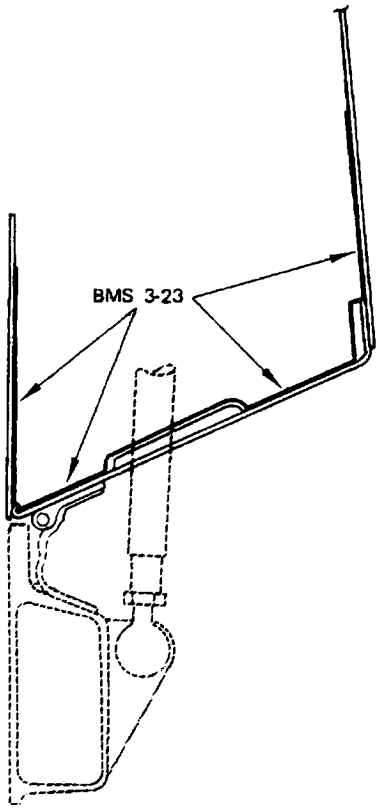


ROLLER (162 AND 206, FIG. 1101)



SLEEVE (8, FIG. 1102)





DOOR STRUCTURE (327)

Refinish Details
Figure 402 (Sheet 2)

L54171

(24) Hinge pins (273, 60-4364, 60-4364-1) -- Cadmium plate exterior surfaces per SOPM 20-42-05, Type 2, class 2 (Fig. 402); apply two coats BMS 10-11, Type 1 primer to interior surfaces (SRF-1.611). Material: 4130 steel, 125-145 ksi.

(24A) Hinge pin (P/N 60-4364-4 for items 273, 273A, 273B) -- Cadmium plate as specified in SOPM 20-42-05, Type 2, class 3 (F-15.02) (throw-in permitted). Material: 15-5PH CRES, 150-170 ksi.

(24B) Hinge pin (273A, 65C37130-2; 273B, 65C37130-1) -- Passivate as specified in SOPM 20-30-03, method 2 (F-17.09). Material: 15-5PH, 180-200 ksi.

(25) Hinge arms (274, 277, 278, 281, 65-29995-1, -2; 50-8294-11, -14, -19, -22) -- Alodize or chromic acid anodize (SOPM 20-43-01) and apply one coat BMS 10-11, Type 1 primer (SRF-2.30) all over, except omit primer in bores and on splines. Material: Alum alloy.

(26) Hinge arms (274, 278, 65-85986-1, -2; 65-86784-1, -2) -- Passivate (F-8.07), then cadmium plate per SOPM 20-42-05, Type 2, class 3 (F-15.25) all over except in 0.5615- by 0.7480-inch slot, followed by one coat BMS 10-11, Type 1 primer (SRF-12.205) all over, except in holes and 0.5615- by 0.7480-inch slot. Material: 15-5PH CRES, 180-200 ksi.

(26A) Hinge arms (274, 65-86784-5; 277, 65-86784-10, -12; 278, 65-86784-6, 281, 65-86784-8, -13) -- Cadmium plate as specified in 20-42-05, Type 2, class 2, and apply one coat of BMS 10-11, Type 1 primer as specified in SOPM 20-41-02 (F-16.01). Apply one coat of BMS 10-11, Type 2 enamel, color 702 white gloss (F-21.03). For hinge arms (274, 65-86784-5; 278, 65-86784-6): Do not put primer and top-coat in holes and countersink and the 0.05/0.06 inch wide slot. For hinge arms (277, 65-86784-10, -12; 281, 65-86784-8, -13): Do not put paint in holes. Material: 15-5PH CRES, 180-200 ksi.

(26B) Clip (275H, 279H) -- Chemical treat and apply one coat of BMS 10-11, Type 2 enamel, color 702 white gloss (F-21.03). Material: Al alloy.

(26C) Filler (276A, 280A) -- Chromic acid anodize and then apply two coats of BMS 10-11, Type 1 primer (F-18.03). Material: Al alloy.

(27) Door structure (327)

(a) Apply corrosion inhibiting compound on lower 3 to 4 inches of interior surface per Fig. 402, observing following requirements:

1) Clean surfaces in such a way as to enhance entry of compound into faying surfaces.

2) Do not apply compound to surfaces that will later be painted or sealed.

3) Protect bearings, bushing and other lubricated joints, as well as critical surfaces from contamination by corrosion inhibiting compound.

(b) Apply one coat BMS 10-79 primer and BMS 10-60, type 2 enamel, BAC702 white (F-14.9863-702) to entire interior surface of window frame (Fig. 402). Overspray allowed on inner skin surface and on nutplates.

(c) If painting door with mechanism installed, protect torque tubes (183, 229) from overspray. Additional paint on tubes makes subsequent removal difficult.

B. Handle Mechanism Assembly Parts (Fig. 1102)

(1) Washers (2A, 63-9386; 58, 78, 133, 63-1692) and spring (13) -- Cadmium plate per SOPM 20-42-05, type 2, class 2 (F-1.1923) all over. Washer (2) is 4130 steel, 160-180 ksi; washers (58, 78) are 1020 or 1025 steel, cold rolled.

(2) Handle (6, 90-7879), nut (12) and nut (43, 60-4405-1) -- Chromic acid anodize (SOPM 20-43-01) (F-2.20) all over. Material: Al alloy.

(2A) Handle (6, 90-7879-5) -- Boric acid-sulfuric acid anodize and seal in dilute chromate solution (F-17.29). Material: Al alloy.

(3) Cam (7) -- Cadmium plate per 20-42-05, type 1, class 2 (F-4.20) all over. Material: Al-br per QQ-B-671 or beryllium copper per AMS 4890.

(4) Sleeve (8) -- Apply dry lubricant, BMS 3-8, class A (F-19.10) all over, single coating thickness 0.0002 to 0.0005 inch (Fig. 402). Material: Al-ni-bronze per AMS 4640.

(5) Washer (10) -- Cadmium plate per 20-42-05, type 2, class 2 (F- 4.201) all over. Material: Al-ni-bronze per AMS 4640.

(6) Spring (13) -- Cadmium plate per 20-42-05, type 2, class 2 (F-1.1923) all over. Material: Steel music wire.

(7) Shaft (15) -- Passivate (F-8.07) and apply dry lubricant, BMS 3-8, class A (F-19.10) to 1.078-inch diameter shaft. Material: 303 CRES.

(8) Cam (16, 65-31057-2, -3, -4) -- Cadmium plate per 20-42-05, type 2, class 2 (F-1.1923) all over, except on splines. Material: 4340 steel, 150-170 ksi.

(9) Cam (16, 65-1398-2, -4) -- Passivate (F-8.07), if corrosion-resistant steel; cadmium plate other parts per SOPM 20-42-05, Type 2, class 2 and apply one coat BMS 10-11, Type 1 primer (SRF-1.285) except on splines. Material: 17-4PH CRES or 4130 or 4140 steel, 180-210 ksi.

(10) Cam plate (18, 65-51687-3) -- Chromic acid anodize (F-2.26) (Ref 20-43-01) followed by one coat BMS 10-11, Type 1 primer (SRF-12.205). For final finish apply one coat BMS 10-11, Type 2 enamel, BAC707 gray (SRF-12.63). Omit primer and enamel on cam follower contact surfaces. Material: Al alloy.

(10A) Cam plate (18, 65-51687-5, -501) -- Chromic acid anodize (F-17.02). Apply BMS 10-11, Type 1 primer (F-20.02) and BMS 10-11, Type 2 enamel (F-21.02). Omit primer and enamel on cam follower contact surfaces. Material: Alum alloy.

(10B) Cam plate (18, 141A6310-4) -- Boric acid - sulfuric acid anodize (F-17.35) all surfaces but not the surfaces identified by flagnote 1 in Fig. (402B). Hard anodize or sulfuric acid anodize (F-17.30) all surfaces but not on the surfaces identified by flagnote 2 in Fig. (402B) (F-17.30). Optional to (F-17.35).

(10C) Cam plate (18, 65-51687-11) -- Boric acid - sulfuric acid anodize (F-17.35) and apply BMS 10-11, Type 1 primer (F-20.03) all over but not on the surfaces identified by flagnote 1 in Fig. (402A).

(11) Seal plate (23), fillers (35, 36, 38 thru 41, 60-4367, 60-4367-1, -2, -3) and bearing retainers (73, 90, 63-1059-1) -- Alodize or chromic acid anodize (SOPM 20-43-01) and apply one coat BMS 10-11, Type 1 primer (SRF-2.30) all over. Apply second coat of primer to bearing retainer (73, 63-1059-1) (SRF-12.205) all over. Material: Al alloy.

(12) Housing (27, 90-7820-1) -- Cadmium plate per SOPM 20-42-05, Type 2, class 2 (F-1.1923) all over, except in 1.250-inch diameter bore. Apply dry lubricant, BMS 3-8, class A (F-19.10) to bore (Fig. 402). Material: 4130 steel, 125-145 ksi.

(13) Housing (27, 69-61511-2) -- Cadmium plate per SOPM 20-42-05, Type 2, class 2 (F-15.06) all over, except in 1.250-inch diameter bore. Apply chrome plate (F-15.03) (SOPM 20-42-03) 0.003 inch thick (after machining) in bore. Machine chrome plate to 1.250-1.252-inch ID and 63-microinch finish (Fig. 402). Material: 4340 steel, 125-145 ksi.

(14) Fillers (38, 39, 40, 41, 60-4367-4 thru -7) -- Chromic acid anodize (SOPM 20-43-01) and apply one coat BMS 10-11, Type 1 primer (F-18.04) all over.

(15) Nut (43, 60-4405) -- Cadmium plate per SOPM 20-42-05, Type 1, class 3 (F-1.1913) all over. Material: 4130 or 8630 steel, normalized.

(16) Crank (51, 60-4366) -- Cadmium plate per SOPM 20-42-05, Type 2, class 2 (F-1.1923) all over, except in 0.313-inch diameter holes. Material: 4130 or 8630 steel, 125-145 ksi.

(16A) Crank (51, 60-4366-1) -- Passivate as specified in SOPM 20-30-03 (F-17.09). Material: 15-5PH CRES, 150-170 ksi.

(17) Torque tube (52, 90-6753-1) -- Cadmium plate exterior surfaces except threads, per SOPM 20-42-05, Type 2, class 2 (Fig. 402). Apply one coat BMS 10-11, Type 1 primer to interior surfaces (SRF-1.611). Cadmium plate threads, 0.0002-0.0003-inch thickness (F-1.191). Material: 4135 or 4340 steel, 125-145 ksi.

NOTE: Torque tube (52, 90-6753-1) may be reworked to 90-6753-9 by stripping existing finish and applying new finish as indicated below.

(18) Torque tube (52, 90-6753-9) -- Cadmium plate outer surface except threads, per SOPM 20-42-05, Type 3, class 2 (F-16.04) (throw-in permitted) (Fig. 402). Apply phosphate coating (F-14.14) followed by two coats BMS 10-11, Type 1 primer (F-20.03) to internal surfaces. Cadmium plate threads per SOPM 20-42-05, Type 1, class 2 (F-1.20). Material: 4340 or 4135 steel, 125-145 ksi.

(18A) Torque tube hinge (52, 90-6753-16) -- Cadmium plate outer surface except threads, per SOPM 20-42-05, Type 2, class 3 (F-15.02) (Fig. 402). Thickness 0.0002-0.0004 inch. Apply one coat of BMS 10-11, Type 1 primer to the internal diameter (F-20.02). Cadmium plate threads per SOPM 20-42-05, Type 1, class 2 (F-1.20). Material: 17-7PH CRES (15-5PH CRES opt), HT TR 150-170 ksi.

(18B) Torque tube (52, 65C37129-1) -- Passivate as specified in 20-30-03 (F-17.09). Material: 15-5PH CRES, 180-200 ksi.

(19) Crank (64, 65-1933, -3) -- Passivate (F-8.07). Material: 15-5PH or 17-4PH CRES, 180-200 ksi.

(19A) Crank (64, 65-1933-16, -504, -506; 122) Apply one coat of BMS 10-11, Type 1 primer to the internal diameter (F-20.02). Cadmium plate threads per SOPM 20-42-05, Type 1, class 2 (F-1.20). -- Chromic acid anodize and apply one coat of BMS 10-11, Type 1 primer as specified in SOPM 20-41-02 (F-18.13, F-20.02). Do not put primer on the splined surfaces. Material: 7075-T73 Al alloy.

(20) Crank (64, 65-54024-3) -- Alodize (colored film) or chromic acid anodize (SOPM 20-43-01) and apply one coat BMS 10-11, Type 1 primer all over (SRF-2.30), except omit primer on splines.

(21) Rod (69) -- Cadmium plate per SOPM 20-42-05, Type 1, class 2 (F-1.191) all over. Material: 4130 or 8630 steel, 150-170 ksi.

(22) Arm (85, 69-38733-2) -- Chromic acid anodize (F-2.26) (Ref 20-43-01) followed by one coat BMS 10-11, type 1 primer (SRF-12.205) all over except on shaft OD and splines. Material: Al alloy.

(23) Arm (85, 90-7815-2, -3) -- Cadmium plate external surfaces per 20-42-05, type 2, 0.0002-0.0003-inch thickness; apply two coats BMS 10-11, type 1 primer on interior surfaces (SRF-1.611). Material: 4340 steel, 150-170 ksi.

(23A) Arm (85, 90-7815-19, -21; 109) -- Chromic acid anodize and apply one coat of BMS 10-11, type 1 primer as specified in 20-41-02 (F-18.13, F-20.02). Do not put primer on the splined surfaces or the surfaces shown in Fig. 402A. Material: 7075-173 Al alloy.

(24) Crank (86, 65-54013, -503; 100) -- Alodize (colored film) or chromic acid anodize (Ref 20-43-01) and apply one coat BMS 10-11, type 1 primer all over, except omit primer on splines. Material: Al alloy.

Refinish Details
Figure 402A

(25) Crank (86, 65-1932-2) -- Passivate (F-8.07). Material: 17-4PH CRES, 180-200 ksi.

(26) Stop fitting (86C) -- Cadmium plate per SOPM 20-42-05, Type 2, class 2 and apply one coat BMS 10-11, Type 1 primer (SRF-1.285) all over. Material: 4130 steel, 125-145 ksi.

(27) Retainer (90, 63-1058, 63-1058-2) -- Cadmium plate per SOPM 20-42-05, Type 1, class 2, followed by one coat BMS 10-11, Type 1 primer (SRF-1.28) all over. Apply second coat of primer (SRF-12.205) to retainer (90, 63-1058-2). Material: 4130 steel, 125-145 ksi.

(28) Housing assembly (93, 65-1642-1) -- Mask nutplates and Dow-17 anodize (SOPM 20-43-02) or Dow-7 treat followed by three coats BMS 10-11, Type 1 primer per SOPM 20-41-02 (SRF-3.71) all over, except omit primer in bores. Material: Magnesium.

(29) Housing assembly (93, 65-1642-23, -38, -40) -- Mask nutplates and Dow-17 anodize (SOPM 20-43-02) or Dow-7 treat followed by two coats BMS 10-11, Type 1 primer per SOPM 20-41-02 (F-18.10) all over, except omit primer in bores. For final finish apply BMS 10-60 gloss enamel, BAC702 white (SRF-14.9812) all over except in bores. Material: Magnesium.

(30) Housing (97) -- Dow 17 anodize (SOPM 20-43-02) (F-17.12) and apply one coat of BMS 10-11, Type 1 primer (SOPM 20-41-02)(F-20.02). After installation and boring operation of bushings (98), apply one coat of BMS 10-11, Type 1 primer (F-20.02) and one coat of BMS 10-11, Type 2 enamel, color 702 white gloss as specified in SOPM 20-41-02 (F-21.03). Do not put primer or enamel on the bushing (98) or in the close toleranced holes. Material: AZ91E-T6 Magnesium. For 65C36625: Omit primer and enamel from nutplate holes and the 1.375/1.380 hole.

(31) Bearing Retainer (102) -- Cadmium plate (0.0002-0.0004 inch thick) as specified in SOPM 20-42-05 (F-15.02). Then apply one coat of BMS 10-11, Type 1 primer (F-20.02) and one coat of BMS 10-11, Type 2 enamel, color 702 white gloss (SOPM 20-41-02)(F-21.03) to all areas of the bearing retainer but the 0.218 inch diameter holes. Material: 15-5 PH CRES, 180-200 ksi.

(32) Crank Arm (116) -- Passivate as specified in 20-30-03 (F-17.09). Cadmium plate (0.0002-0.0004 inch thick) the splined area (F-15.02). Material: 15-5 PH CRES, 180-200 ksi.

(33) Rod (127) -- Cadmium plate as specified in SOPM 20-42-05 and then bake 3 hours minimum at 375 $\pm$25°F (F-1.191). Material: 8630 or 4130 steel tube, 150-170 ksi.

(34) Washer (133, 140N2722-1) -- Cadmium plate and apply one coat of BMS 10-11, Type 1 primer (F-16.01). Apply one coat of BMS 10-11, Type 2 enamel (F-21.03). Material: 15-5PH CRES, 180-200 ksi.

C. Key Lock System Installation Components (Fig. 1103)

(1) Locking plate (4) -- Cadmium plate per 20-42-05, type 2, class 3 (F-4.11) all over. Material: Al-ni-br per AMS 4640.

(2) Fillers (11) -- Apply Alodine 1000 (SRF-14.01) all over. Material: Al alloy.

(3) Fitting (12) -- Chromic acid anodize (F-2.20) all over and apply two coats primer (SRF-12.206) on faying surfaces only. Material: Al alloy.

(4) Handle pan (Ref) -- Restore "locked" indicator spot by applying one coat primer (F-20.02) and one coat BMS 10-60 gloss enamel, BAC201 orange, to a spot 5/16-inch diameter located so that spot will be covered by arm of lock assembly when unlocked, and visible when lock assembly is locked.

3. Replacement

A. Replace unserviceable parts using standard industry practices and additional procedures in steps B thru G.

B. Replace defective bushings (110B or 144B, Fig. 1101) as follows:

(1) Mechanically remove as much sealant as possible from around periphery of each end of bushing, and press bushing from lug. Remove any remaining sealant with methyl ethyl ketone.

(2) Apply primer to OD of new bushing and install by shrink-fit method per SOPM 20-50-03 while primer is wet.

(3) Mix two components of BMS 5-95 sealant according to manufacturer's instructions.

(4) Wipe area around periphery of each end of bushing with clean rag moistened with solvent, BMS 11-7, immediately before applying sealant and wipe dry.

(5) Fillet seal with BMS 5-95 sealant around periphery of both ends of bushing.

(6) Cure sealant according to manufacturer's instructions.

C. Replace defective hinge pins (273, 273A, 273B) as follows:

(1) Temporarily assemble hinge torque tube (52, Fig. 1102), crank (51), bolts (50), washers (49) and nuts (48).

(2) Temporarily assemble coupling sleeves (257, Fig. 1101) to torque tube (52, Fig. 1102) with applicable bolts (256 or 256A or 256B, Fig. 1101), washers (255 or 255A) and nuts (254 or 254A).

(3) Position hinge pins (273, 273A, 273B) in coupling sleeves (257) so that there is a gap of 0.04-0.06 inch between hinge pins and torque tube (52, Fig. 1102).

(4) Drill two holes in each hinge pin (273, 273A, 273B, Fig. 1101) to match holes in coupling sleeves (257).

(a) Use 0.2487-02497-inch diameter drill if bolts (256) are to be installed.

(b) Use 0.3120-0.3130-inch diameter drill if bolts (256A) are to be installed.

(c) Use 0.3432-0.3442-inch diameter drill if holes in coupling sleeve have previously been oversized per service bulletin 3105 (707), 52-83 (727) or 52-1044 (737).

(5) Install applicable bolts (256, 256A, 256B), washers (255 or 255A) and nuts (254 or 254A).

(6) Position hinge arms or hinge arm assemblies (274, 278) on hinge pins (273) so that they are axially symmetrical with respect to hinge pins and dimensions shown in Fig. 403 are met.

(7) Drill two 0.2495-0.2505-inch diameter holes in each hinge pin to match existing holes in hinge arm.

(8) Temporarily install one bolt (267) in each hinge arm and hinge pin and recheck that dimensions are within tolerances given in Fig. 403.

(9) Disassemble all parts.

NOTE: Keep upper-end parts separated from lower-end parts to prevent possible mismatch when parts are reassembled.

D. Replace defective hinge arms (274, 278), crank (51, Fig. 1102), or torque tube (52) using standard industry practices. Maintain linear and angular dimensions given in Fig. 403.

E. Replace worn or damaged bushings (286, 287, 295, 296, 298A, 298B, 306, 307, Fig. 1101) as follows:

(1) Gain access and remove hinge torque tube (52, Fig. 1102) and hinge arms (274, 278) per DISASSEMBLY.

(2) Use old bushings on one support fitting to position tool for line-machining new bushings in opposite support fitting. Remove and replace bushings in fitting showing the most wear first, per SOPM 20-50-03.

(3) To remove bushings (286, 295, 298B, 306), cut threads in bushing using 3/4-10 UNC plug and bottoming taps. Install stud 4.5 in. minimum length, 3/4-10 UNC thread on one end; 3/4-16 UNF thread opposite end. Pull bushing using tubular spacers and 3/4-16 nut. Replace NAS76A10-21 bushings (286, 298B) with NAS537B10-066 (295, 306) to permit machining in line.

(4) Machine new bushings in line using tool F70335, concentric within 0.002 in. Machine large bushing first to 1.0000-1.0015 inch dia. Using this surface as a pilot bearing, machine small bushing to 0.6250-0.6265 inch diameter.

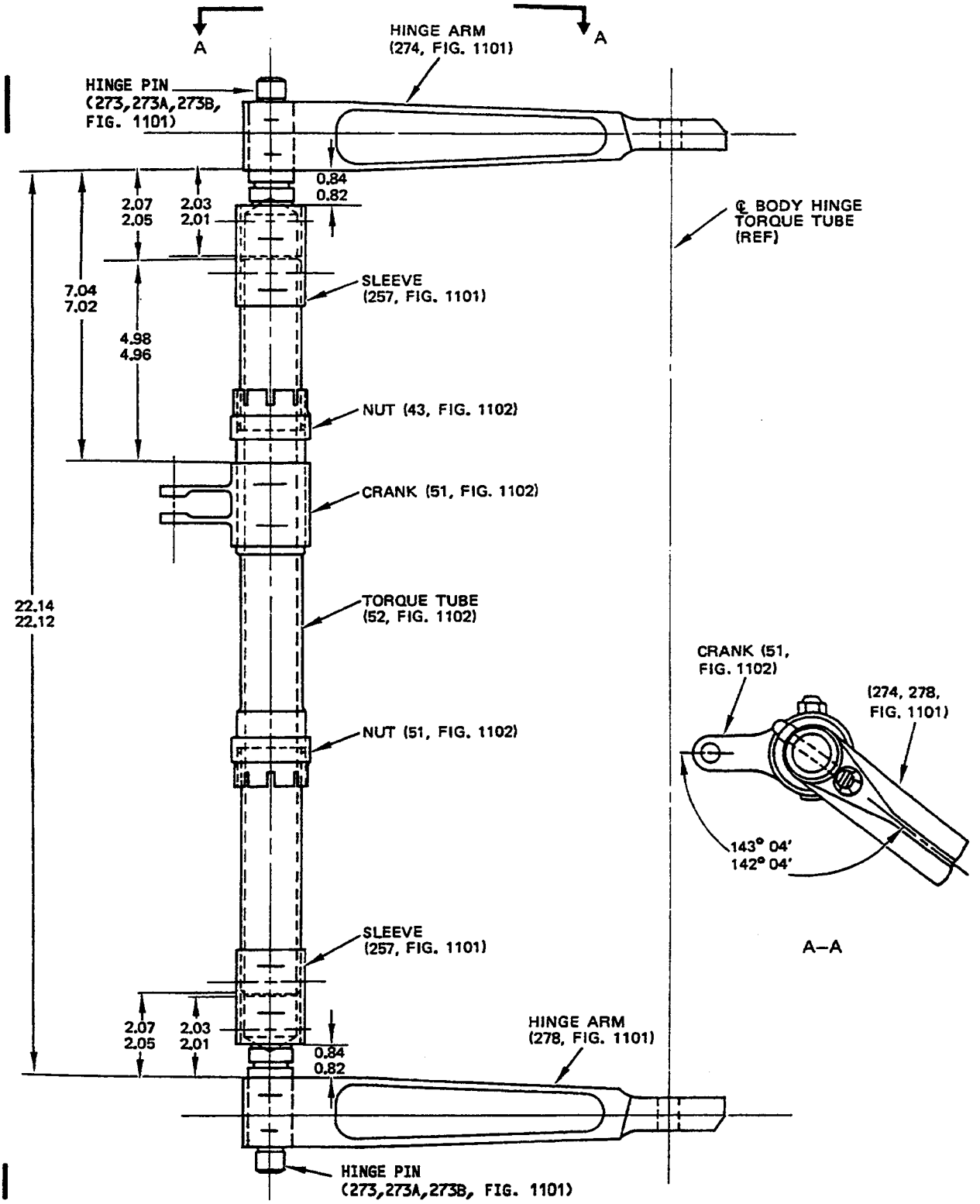
(5) Repeat operations (3) and (4) with opposite support fitting.

F. When replacing hinge support assemblies (285, 292, 298, 303) with new parts having bushings machined to final dimension, use alignment mandrel designed to engage all 4 support bushings, to maintain linearity of hinge axis within 0.002 inch. Drill new assemblies from holes in structure, maintaining hinge axis linearity and position in door structure.

G. Replace door gate (110) by applying a suitable parting agent to exposed back of hinge (90) and along the lower edge of upper door gate (110). Fill cavity with BMS 5-95, Type B 1/2 sealant across the entire width of door gate (110). Gate must be in door closed position to accomplish proper seal.

H. If nutplates (98D, 98E, Fig. 1102) require replacement, install as follows:

(1) 65C36624-1, -2 housing assembly -- Install nutplates with wet BMS 5-95 (F-19.65) and install nutplate attach rivets with wet BMS 5-95 sealant (F-19.48). Coat rivet shank with sealant prior to insertion.



Hinge Arm and Crank Positioning
Figure 403

E12632

ASSEMBLY

NOTE: When they were made, the door assemblies were fillet and injection sealed with BMS 5-95 or other approved sealants. Special refinishing and primer will not be necessary if you use BMS 5-95 sealant for fillet and injection seals during maintenance activities.

1. Assembly of Handle Mechanism (Fig. 1102)

   A. Assemble parts to handle mechanism housing assembly (93) as follows:

      (1) Apply grease to the outside diameter of bearing (55) and inside diameter of bearing cavity, and install bearing (55) in housing (93) with retaining ring (54).

      (2) Apply grease to the outside diameter of bearings (75, 92) and inside diameter of cavities, and install the bearings in housing (93).

      (3) Apply BMS 5-95, class B sealant to the faying surface of bearing retainers (73, 90). Put bearing retainers on housing (93) and install bolts (72, 89), washers (71, 88), nuts (70, 87) with wet primer, BMS 10-11, Type 1.

         NOTE: Sealant application for corrosion faying surface seal normally requires coating of about 0.010 inch of sealant.

      (4) On applicable assemblies, position stop fitting (86C) on retainer (90) and install washers (86B) and bolts (86A) with light coat of corrosion preventive compound, MIL-C-11796, class 3.

      (5) Preassemble crank assemblies (80, 80A) by assembling parts (81 thru 85). Install bearing unit (84, BACB10BH60F9, BACB10BH60F8, BACB10BH60CF6, BACB10AF6F3H, BACB10AF6F6H) with corrosion-preventive compound, MIL-C-11796, class 3. Install bearing unit (84, BACB10FK6F6HS) with wet BMS 5-95 sealant as specified in SOPM 20-50-03. Install the washers as follows:

         (a) For crank assemblies (80, 69-38733-1), install washers (83) as follows:

            1) If bearing (84, BACB10H60F8) is used: Install two washers (83) adjacent to the head of the bearing and one washer (83) adjacent to the nut (82).

            2) If bearing (84, BACB10H60F9) is used: Install four washers (83) adjacent to the head of the bearing and one washer (83) adjacent to the nut (82).

         (b) For crank assemblies (80, 90-7815-1, -15, -17; 80A, 90-7815, -1) install washers (83) as follows:

            1) Apply BMS 10-11, Type 1 primer to the washers (83) and install one washer (83) adjacent to the head of the bearing (84), and a maximum of five washers (84) adjacent to the nut (82) to get the correct nut torque and install the cotter pin (81). Tighten the nut (82) to 95-170 pound-inches (threads not lubricated) or 45-80 pound-inches (lubricated threads).

      (6) Apply a layer of grease to the outside diameter of bearings (74, 91) and the mating inside diameter of housing (93), and install bearings in housing.

(7) Apply a thin layer of MIL-C-16173, grade 2, corrosion preventive compound to splines of cranks (64, 86) and crank assemblies (80, 80A); and apply grease to the inside diameter of bearings (74, 75, 91, 92).

(8) Align cranks (64, 86) and spacer (64A) in housing (93) and install crank assemblies (80, 80A).

(9) Apply corrosion preventive compound, MIL-C-11796, class 3 to bolts (59 and 79) and to areas of hole in cranks (85) and washers (57, 58, 77, 78), and install bolts (59, 79), washers (57, 58, 77, 78), and nuts (56, 76).

(10) Apply corrosion preventive compound, MIL-C-11796, class 3 to bolt (63) and all areas of hole in crank (64) and washer (62); insert rod assembly (65) in housing (93) and attach to crank (64) with bolt (63), washer (62), nut (61) and cotter pin (60).

(11) Brush or swab bearing cavities with BMS 10-11, Type 1, primer and immediately install bearings (53) in housing (93). On assemblies modified per SB 52-1094, install bearings (53) with BMS 5-95 sealant, fillet seal with sealant and brush or swab bearing ID with BMS 10-11, Type 1, primer.

B. Assemble handle mechanism housing assembly (95) as follows:

(1) Install bushing (98) into housing (97) with wet BMS 5-95 sealant. Fillet seal the bushing flange.

(2) Install bearings (99) into the housing assembly (96) with wet BMS 5-95 sealant. Fillet seal the upper and lower bearing faces after installation.

(3) Install bearings (101) into the housing assembly (96) with wet BMS 5-95 sealant.

(4) Apply MIL-C-11796, class 3 corrosion preventive compound on the entire faying surface of bearing retainers (102). Position the bearing retainers on housing assembly (96) and apply MIL-C-11796, class 3 corrosion preventive compound to all areas of the fastener holes. Immediately install bolts (103, 104), washers (105, 106) and nuts (107).

(5) Assemble parts 109 thru 114 for crank assemblies (108, 90-7815-15, -17) and 116 thru 121 for crank assemblies (115) as follows:

(a) For crank assemblies (108, 90-7815-15, -17) assemble parts 109 thru 114. Apply wet BMS 5-95 sealant to bearing unit (110). Apply BMS 10-11, Type 1 primer to the washers (111, 112) and install one washer (111) adjacent to the head of the needle bearing (110), and a maximum of five washers (112) adjacent to the nut (113) to get the correct nut torque and install the cotter pin (114). Tighten the nut (82) to 95-170 pound-inches (threads not lubricated) or 45-80 pound-inches (lubricated threads).

(b) For crank assembly (115) assemble parts (116 thru 121). Apply MIL-C-11796, class 3 corrosion preventive compound to the needle bearing (117). Install two washers (118) adjacent to the head of the needle bearing (117), and a maximum of two washers (119) adjacent to the nut (120) to get the proper nut torque and cotter pin installation. Tighten the nut (120) to 95-170 pound-inches (threads not lubricated) or 45-80 pound-inches (threads lubricated).

(c) Install cotter pin (114, 121) with wet BMS 5-95 sealant.

(6) Install bearings (132) in housing (97) with MIL-C-11796 corrosion preventive compound.

(7) Apply a thin coat of MIL-C-16173, grade 2, corrosion preventive compound to the splines of cranks (100, 122) and crank assemblies (108, 115); and apply grease to the inside diameter of bearings (101, 132).

(8) Align cranks (100, 122) and spacer (123) in housing (97) and install crank assemblies (108, 115).

(9) Apply corrosion preventive compound, MIL-C-11796, class 3 to screws (134) and to areas of the hole in the cranks (109, 116) and washers (133, 137, 138). Immediately install screws (134), washers (137, 138) and nuts (135, 136).

(10) Install bearing (139) with corrosion preventive compound, MIL-C-11796, class 3.

(11) Apply corrosion preventive compound, MIL-C-11796, class 3 to the groove in the housing assembly (96) and install the snap ring (140).

C. Position crank (51) and slide torque tube (52) through bearings (53) and crank (51). Apply primer, BMS 10-11, type 1, (use corrosion preventive compound, MIL-C-16173, grade 2, on assemblies modified per SB 52-1094) to area on torque tube (52) where crank (51) attaches, position crank (51) and install bolts (50), washers (49), and nuts (48). On assemblies modified per SB 52-1094, tighten nuts (48) to 58-63 lb-in.

NOTE: On assemblies modified per SB 52-1094, nuts (48) are intended to bottom out on bolt threads in order to avoid clamp up. A gap between crank (51) and washers (49) of up to 0.016 inch is acceptable. If greater gaps occur, install additional washers (49) as required.

D. Attach crank (51) to rod assembly (65, 126) with bolt (47), washer (46), nut (45) and cotter pin (44).

E. Apply thin coating of corrosion preventive compound, MIL-C-16173, grade 2, to threads of nuts (43) and torque tube (52). Install nuts (43) finger-tight, avoiding binding of bearings and loosely install cotter pins (42).

NOTE: Final adjustment of nuts (43) will be made when door is installed on airplane.

F. Assemble items (3 thru 13, Fig. 1102 and 1 thru 5, Fig. 1103) as follows:

(1) Apply thin coat of corrosion preventive compound, MIL-C-16173, grade 2, on entire length of pin (14) and on threads of nut (12).

(2) Place spring (13) on pin (14) and insert in shaft (15). Screw nut (12) into shaft (15) using wrench F70038 and secure with lockring (11).

(3) Apply corrosion preventive compound, MIL-C-11796, class 3, on washer (10) and pin (9); thread washer (10) onto pin (14) until holes in washer and pin are aligned and install spring pin (9).

(4) Apply a thin layer of grease to large spline of shaft (15) and mating spline in sleeve (8). Apply primer, BMS 10-11, Type 1, on sleeve (8) in area that mates with cam (7); and insert shaft (15) in sleeve (8) and insert sleeve in cam (7).

(5) On door assemblies without key lock system installation, apply sealant, BMS 5-95, class B to countersink surface of bolts (5); position handle (6) on sleeve (8) and install fasteners.

(6) On door assemblies with key lock system installation, do step (5) with fasteners (1 thru 3, Fig. 1103), locking plate (4) and spacers (5).

2. Assembly of Handle Mechanism, Gates, and Latch Mechanism in Door Structure (Fig. 1101)

A. General

1) Before installation, apply corrosion preventive compound, MIL-C-11796, Class 3, to all bolts, but not screws (24, Fig. 1101) and bolts (25, Fig. 1101).

(2) Lubricate all shafts, shanks and threads with grease before installation, unless otherwise specified.

(3) Apply grease to all lube fittings after assembly.

B. Install hinge support assemblies (285, 298) in door structure (327).

(1) Be sure to put the door in a contour matching cradle to help prevent a warped door when the inner skin is removed.

(2) Install hinge support assemblies (285, 298). When you install new support assemblies, refer to REPLACEMENT, par. 3.F. Attach with bolts (284), nuts (282), and washers (283).

(3) Fillet seal edges of hinge support assemblies with BMS 5-95 sealant.

(4) Install center inner skin while the door is in the cradle.

NOTE: The 3/16 inch diameter MS20470D6 rivets that go through the skin and structure can be replaced with NAS1738E6 or NAS1398D6 blind rivets.

C. Lubricate O-ring packings (272) with a thin layer of grease and then install the packings in the groove of hinge pins (273).

D. Brush or swab bore of hinge arms (274, 278) with primer, BMS 10-11, Type 1. Apply a thin layer of grease to the inside surface of bushings (295, 306). Put hinge arms (274, 278) in hinge support assemblies and install hinge pins (273) in bores of hinge support assemblies and hinge arm assemblies. Put clips (271) on the hinge arms and attach the arms on the hinge pins with parts (267 thru 270).

E. Connect guide arm assembly (265) and snubber assembly (266) to door structure.

(1) On assemblies with attach fittings, attach the guide arm assembly to fitting (289) and the snubber assembly to fitting (300) with fasteners (258, 259, 260, 262). Install the attach fittings in hinge support assemblies (292, 303). Make sure that the lubricator fitting and the filler plug on snubber assembly face outboard.

(2) On assemblies with hinge support assemblies (285, 50-9318-11 and 298, 50-9318-2) attach the guide arm assembly to support assembly (285) and the snubber assembly to support assembly (298) with fasteners (258 thru 261 and 263).

F. Slide coupling sleeves (257) onto hinge torque tube (52, Fig. 1102). Put packing (22) in seal plate (23), and packing (24) in fitting housing (27). Coat exterior surface of housing assembly (25) with primer, BMS 10-11, Type 1, and install housing assembly (25) into handle housing assembly (93, 97) while the primer is wet. Make sure the lube fitting is on the forward or aft side.

G. Apply a preassembly fillet seal to the edges of the housing assembly (25) mating with housing assembly (93, 97) with BMS 5-95, Class B sealant. Make the fillet only as high as the flange of housing assembly (25).

H. Install the preassembled handle mechanism in door structure with parts (37 thru 41, Fig. 1102). Remove or delaminate shims (37) as necessary for a good fit. Apply BMS 10-11, Type 1 primer to delaminated area of shims.

I. Apply one more layer of BMS 10-11, Type 1 primer to the faying surface of shims (37), or fillers (38, 39, 40, 41) if shims are not used, mating with housing assembly (93, 97). Let the primer dry, then apply a corrosion preventive faying surface seal of BMS 5-95, Class B sealant between the mating surfaces of shims, or fillers if shims are not used, and handle housing assembly (93, 97).

NOTE: For a corrosion preventive faying surface seal, the layer of sealant is usually approximately 0.010 inch thick.

J. Apply MIL-C-11796, class 3 corrosion preventive compound on bolts (19, 28 thru 33). Install the preassembled handle mechanism in the door structure with parts (37 thru 41) and attach with parts (19 thru 21, 28 thru 36).

NOTE: On doors with the key lock system installation, install fasteners (19, 20, 21) in only three locations. Keep the other fasteners for later installation of fitting (12, Fig. 1103).

K. On doors with the key lock system installation, preassemble lock assembly (13) and fitting (12) and install with fillers (11) and fasteners (6 thru 10).

L. Install shaft (15, Fig. 1102) with preassembled parts into bore of handle mechanism housing. Apply corrosion preventive compound, MIL-C-11796, class 3 to the small splines on shaft (15) and install cam (16) on shaft with bearing (84) centered on 0.75 -inch hole in cam for the door closed position. Apply BMS 10-11, Type 1 primer to the surface of washer (2, 63-9386) if used, and install washers (2) and nut (1). Tighten nut (1) to 95-110 pound-inches.

M. Apply BMS 10-11, Type 1 primer to the coupling area of torque tube (52, Fig. 1102) and hinge pins (273, Fig. 1101). Put the coupling sleeves (257) into position and attach with applicable parts (254, 255 and 256; 254A, 255A, 256A; and 254B, 255A, 256B).

N. Install angles (316, 325) and channels (317, 326) on the door beam with parts (309 thru 315, 318 thru 324).

O. Assemble control rod assemblies (99, 133, 240, 247) as follows:

(1) Control rod assemblies 90-7823-series

(a) Apply MIL-C-11796, class 3 corrosion preventive compound to the threads of each rod end bearing.

(b) Turn one rod end bearing into each adapter (104, 138, 245, 252) until the rivet holes in the bearings and adapters are aligned.

(c) Apply BMS 10-11, Type 1 primer to the OD of adapters (104, 138, 245, and 252) and put one adapter into the end of each rod, while the primer is wet, until the rivet holes in the rods, adapters, and bearings are aligned. Install applicable new rivets in the old holes.

(d) Apply BMS 10-11, Type 1 primer to the OD of adapters (103, 137, 244, and 251) and install the adapters into the opposite end of each rod, while primer is wet, until rivet holes in adapters and rods are aligned. Install applicable new rivets in the old holes.

(e) Turn one nut (102, 136, 243, and 250) on each of the second rod end bearings and install the bearings in the rods. Tighten the nuts only hand-tight, because the rods will be adjusted later.

(2) Control rod assemblies 65-28925-series

(a) Apply MIL-C-16173, grade 2 corrosion preventive compound to the threads of each rod end bearing.

(b) Turn one nut (102, 136, 243, 250) onto each of the rod end bearings that has a rivet hole drilled in the shank.

(c) Install the rod end bearings in the rods, and align the rivet holes in the bearings and rods.

(d) Tighten the nuts to 60 pound-inches and install new rivets in the old holes.

(e) Turn the remaining nuts (102, 136, 243, 250) on each of the second rod end bearings and install the rod end bearings in rods. Tighten the nuts only hand-tight, because the rods will be adjusted later.

P. Connect control rod assemblies (247, 240) to latching crank (86, Fig. 1102) with parts (239 and 238).

Q. Install the lower door latch mechanism parts (237 thru 193) to the door structure with lubricator fittings (236, 227, 218) inboard. Before installation, apply a thin layer of grease to the ID and OD of bearings (216, 225, 234).

(1) Before assembly, apply BMS 10-11, Type 1 primer to the mating surfaces of torque tube (229) and cranks (211, 230). On assembly 50-7945-264 and assemblies modified per SB 52-1094, tighten nuts (193, 207) to 20-25 lb-in.

NOTE: On assembly 50-7945-264 and on assemblies modified per SB 52-1094, nuts (193, 207) are permitted to go to the bottom of the bolt threads to prevent clamp up. A gap between crank (230) or torque tube (229) and washers (194, 208) of up to 0.016 inch is acceptable. If larger gaps occur, install more washers (194, 208) as necessary.

R. Install upper door latch mechanism parts (192 thru 149) on the door structure with the lube fittings (191, 181, 174) inboard. Apply a thin layer of grease to the ID and OD of bearings (172, 179, 189) before installation.

NOTE: Spacer (166, 210) 66-15332-1 is the recommended alternative to the 30-3004 washer because the spacer snaps in or out quickly. It is not necessary to remove latch cranks (167, 211) from tubes (183, 229) to change the spacers. But crank removal is necessary to change the washers.

(1) On assemblies modified per SB 52-1094, apply a layer of BMS 10-11, Type 1 primer to the mating surfaces of torque tube (183) and cranks (167, 184, 185) before assembly. Install nuts (149, 163) and tighten them to 20-25 lb-in.

NOTE: On assemblies modified per SB 52-1094, nuts (149, 163) are permitted to go to the bottom of the bolt threads to prevent clamp up. A gap between cranks (184, 185) or torque tube (183) and washers (150, 164) of up to 0.016 inch is acceptable. If larger gaps occur, install more washers (150, 164) as necessary.

S. Install parts (148 thru 145, and 143 thru 140) on the door.

T. Apply a thin layer of grease to hinge pins (92, 126). To assemble hinge assemblies (90, 124), align hinge half (93, 94, 127, 128) and install hinge pins (92, 126). Install spring pins (91, 125).

U. Connect control rod assembly (133) to lower gate (144) with parts (132 thru 129). Install lower gate on door with parts (123 thru 115). Make sure the gap width, (noted during disassembly) did not change.

V. Apply the weather seal to the interior of the lower hinge cavity and the lower gate (144) as follows:

(1) Put the door in the position that it will be in when it is installed on the plane.

(2) With a Series 92 solvent, clean all surfaces that will get the filling compound.

(3) Apply BMS 5-125 leveling compound to the lower hinge cavity and the lower gate, as specified in BAC5432 and Fig. 502. While you apply the leveling compound, push the top of the door about 10 degrees outboard from vertical (to make sure the compound will slope downward toward the drain holes when the door is re-installed on an airplane). Make sure the cured compound fills the cavity to a level that is just above the bottom edge of the drain holes, but does not plug the drain holes.

(Optional - Apply BMS 5-16 hole filling compound to the lower hinge cavity and the lower gate, as specified in SOPM 20-50-19 and Fig. 502, to prevent water from accumulating in the cavity.)

CAUTION: DO NOT LET THE DRAIN HOLES BECOME BLOCKED.

(4) Slope the compound to the drain holes to let water drain out. See Fig. 502. The compound must fill the full width of the door.

X. Install parts (114 thru 111, and 109 thru 106) on the door.

Y. Connect control rod assembly (99) to upper gate (110) with parts (98 thru 95). Install upper gate on door with parts (88A, 88 thru 81). Make sure the gap width (noted during disassembly) did not change.

Z. Attach guide or bearing (44) to roller fitting (45) with nut (41) and washers (42 and 43).

NOTE: The number of washers (42) will be adjusted when the door is installed on the airplane.

AA. Install roller fitting (45) on the door structure with bolts (39) and washers (40).

3. Adjust Door Mechanism (Fig. 1101)

A. With control rods (240 and 247) disconnected from the latch cranks (185 and 230), install setting tool F80178-1 through the holes in the door inner skin. Adjust the tool length to engage the notches in the clamp feet with the latch torque tubes.

B. Turn the latch shafts until the latch rollers (159, 203) touch the setting blocks on the tool. Then tighten the tool clamps with rollers in this position.

C. Move the door handle to the door-closed position. Make sure the roller on latching crank (80, Fig. 1102) is down against cam plate (18, Fig. 1102). Temporarily tie the handle in this position.

D. Adjust the lengths of the control rods (240 and 247) to align the rod ends with holes in the latch cranks (185 and 230), then install bolts (155, 199) washers, nuts and cotter pins.

E. Hold upper and lower gates (110, 144) in faired position compared with the outer door contour.

F. Adjust the lengths of gate control rods (99 and 133) to align the rod ends with the holes in the gates. Install bolts (98, 132) washers, nuts, and cotter pins.

G. Make sure the rod end checknuts on control rods (99, 133, 240, 247) are tightened to 60 pound-inches.

H. Remove the setting tool from the door.

I. Adjust the length of stop rods (109, 143) until the stop rod shoulder touches bearing (114, 148). Then back off the stop rods to the nearest notch to put washers (107, 141) in correct position. Tighten checknuts (108, 142) and install lockwire.

4. Seal upper gate hinge as follows:

A. Apply parting agent to the exposed heel of hinge assembly (90) and the lower edge of gate assembly (110).

B. Clean the surfaces of door structure to get the sealant, with a Series 92 solvent. Remove the solvent with a blast of clean, dry air.

C. Final-clean with a cloth wet with a Series 92 solvent. Wipe dry with clean, dry cloth.

D. With the upper gate assembly (110) in the door-closed position, fill the cavity with BMS 5-95, class B 1/2 sealant along the full width of the gate assembly.

E. Remove unwanted sealant while it is wet, with a spatula or equivalent tool.

F. Smooth as necessary, with a clean cloth, plastic or smoothing tool wet with a Series 92 solvent, or water.

G. Let the sealant cure for 24 hours at 77°F and 50 percent minimum relative humidity.

NOTE: Lower temperature and lower humidity will make the cure slower.

H. Remove the parting agent from the gate and hinge assemblies.

5. Install pressure seal, window, and lining.

A. Install door seal (38) on door structure with parts (37 thru 24), with BMS 5-45 sealant to the shank of bolts and screws (25, 24, 22A) or to the bolt holes, immediately before installation as follows:

(1) Put the seal on the door, with the longer side of the seal at the forward side of the door and the flange of the channel section inboard. Put the channel section of the seal into the grooves between the door and the upper and lower gates.

(2) Start the installation at a corner as shown on upper part of Fig. 501.

(3) Push the seal tightly against the flange of locating angle and around corner C-D.

(4) Locate and punch a 5/32-inch hole marked ①. Install screw (24, Fig. 1101) and washer temporarily. Tighten the screw only until the washer starts to squeeze the door seal.

(5) Do this also at the seven remaining corners.

(6) At forward side of door locate and punch 5/32-inch holes in numerical sequence as indicated in Fig. 501. Avoid any wrinkling or buckling of rubber seal toe. Install screws and washers temporarily.

(7) Locate and punch remaining holes. Rubber seal should show some tension between ③ and ④ and slight compression between ① and ④, and ② and ③, in order to maintain a 90-degree angle as shown in Fig. 501.

(8) After punching the remaining holes - 5/32-inch diameter for screws (24, Fig. 1101), and 3/16-inch diameter for screws (22A) and bolts (25) remove all screws and washers. Install seal retainers (26 thru 37) and fasten with screws (22A, 24) and bolts (25). Retainer angles must be free of sharp edges and corners.

(9) Tighten the screws and bolts only until they start to compress the seal rubber.

B. Preassemble parts (12 thru 22). Install shims (16 and 17) as necessary to get a maximum compression of 0.03 inch of seal (22). Assemble washers (13) with MIL-C-11796, class 3 corrosion preventive compound on all surfaces.

CAUTION: BECAUSE THE WINDOW IS CURVED, IT MUST BE INSTALLED WITH THE MARKINGS ON THE PANES SYMMETRICAL, WITH ONE PANE MARKING AT THE ONE O'CLOCK POSITION AND ONE AT THE ELEVEN O'CLOCK POSITION.

C. Install observation window assembly (11) in the door with screws (10).

D. Install access panel (9) with screws (7 and 8).

E. Install access panel (6) with screws (5 and 5A).

F. Attach assist handle bracket assembly to door with screws (4B) and nuts (4C).

G. Install retainer assembly (1) with washers (2) and stud (3). Put washers (2) between the retainer and the retainer mounts.

H. Carefully install the lining inside the door lining, and the escutcheon and inner door handle on the door. Be careful not to damage surfaces the passengers will see.

6. Materials

NOTE: Equivalent substitutes can be used.

A. Corrosion Preventive Compound -- MIL-C-11796, Class 3 (SOPM 20-60-02)

B. Corrosion Preventive Compound -- MIL-C-16173, Grade 2 (SOPM 20-60-02)

C. Grease -- BMS 3-33 or MIL-G-23827 (SOPM 20-60-03)

D. Hole Filling Compound -- BMS 5-16 (SOPM 20-60-04)

E. Parting Agent -- 4A-183 (SOPM 20-60-04)

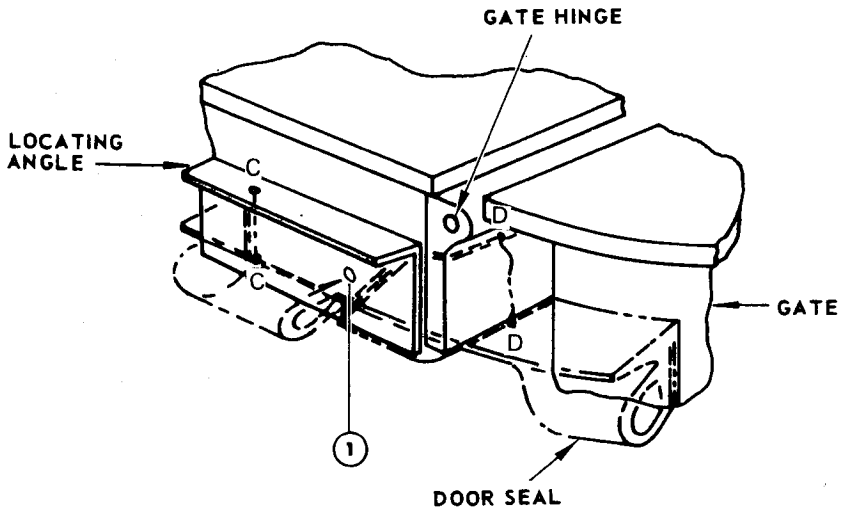
F. Primer -- BMS 10-11, Type 1 (SOPM 20-60-02)

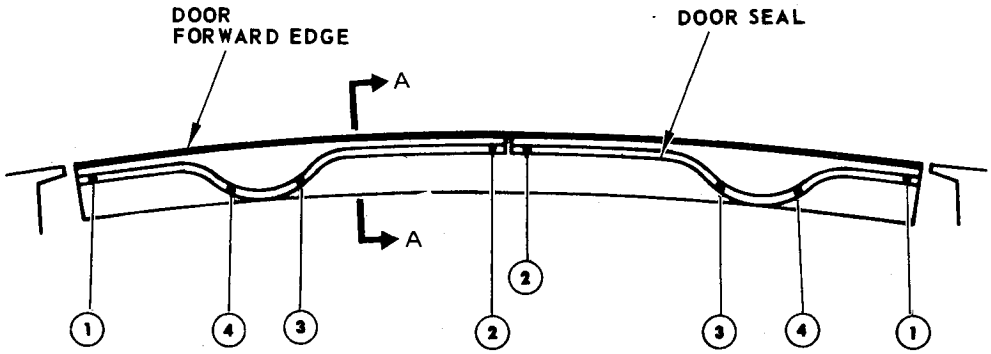
G. Sealant (SOPM 20-60-04)

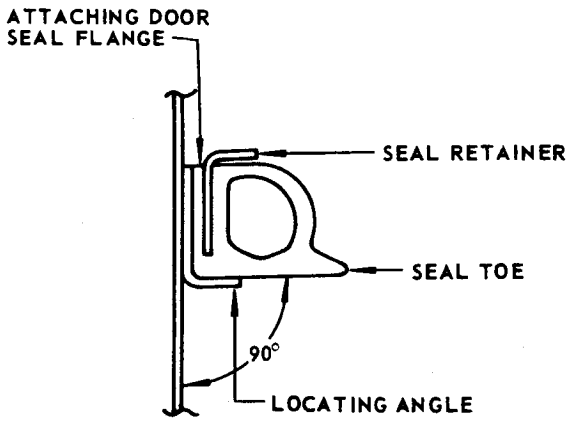
(1) BMS 5-45 (Supersedes BMS 5-19, BMS 5-26)

(2) BMS 5-95, Class B-1/2 (Supersedes BMS 5-79, Class B-1/2)

H. Solvent -- Series 92 (SOPM 20-30-92)

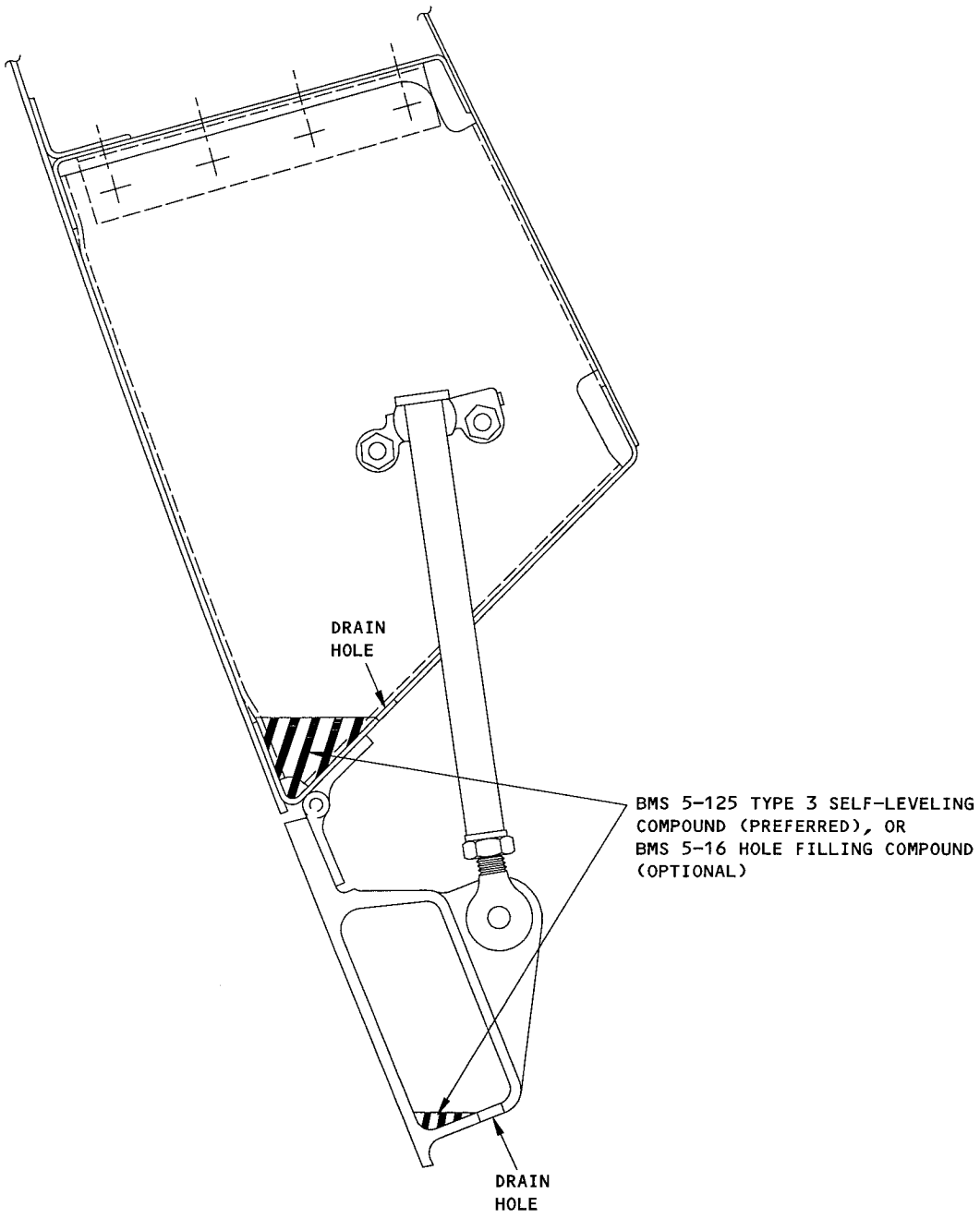






A–A

Door Seal Installation
Figure 501



Hole Filling Compound
Figure 502

FITS AND CLEARANCES

FOR TORQUE VALUES OF STANDARD FASTENERS, REFER TO SOPM 20-50-01			
ITEM NO.	NAME	TORQUE	
		POUND-INCHES	POUND-FEET
IPL FIG. 1101,			
149 *[1]	NUT	20-25	
163 *[1]	NUT	20-25	
193 *[1]	NUT	20-25	
207 *[1]	NUT	20-25	
IPL FIG. 1102,			
1	NUT	95-110 *[2]	
48 *[1]	NUT	58-63	
82	NUT	95-170 *[2] 45-85 *[3]	
113	NUT	95-170 *[2] 45-85 *[3]	
120	NUT	95-170 *[2] 45-85 *[3]	

*[1] POST SB 52-1094
*[2] NOT LUBRICATED
*[3] LUBRICATED

Torque Table
Figure 601

SPECIAL TOOLS, FIXTURES AND EQUIPMENT

NOTE: Equivalent substitutes can be used.

1. F70038 -- Wrench assembly, door handle mechanism nut
2. F70085 — Wrench, bearing retainer nut spanner
3. F80178-1 — Setting tool, forward entry door latch roller
4. F70335-1 — Line reaming tool, hinge support bushings

ILLUSTRATED PARTS LIST

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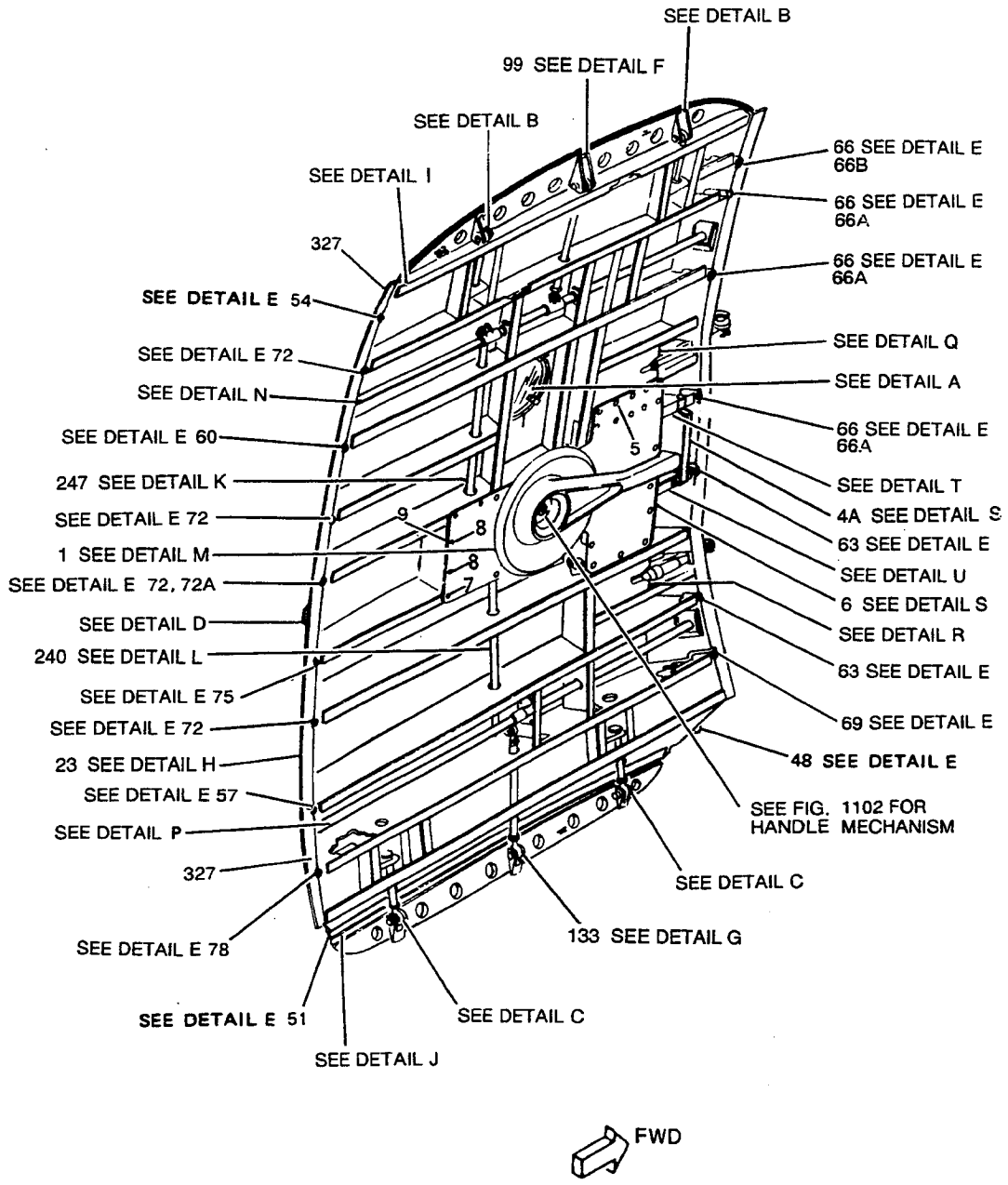
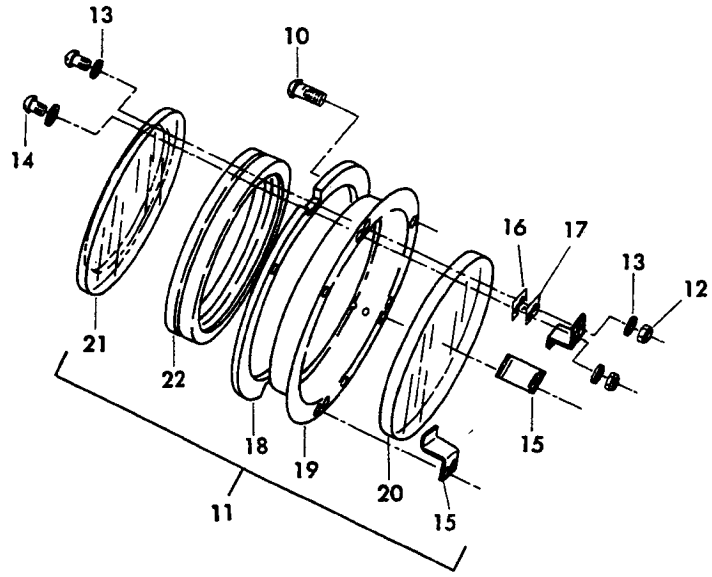
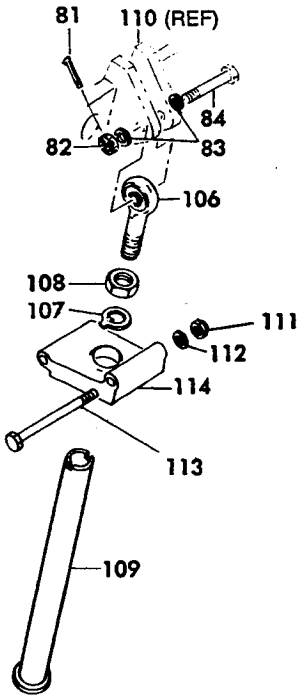


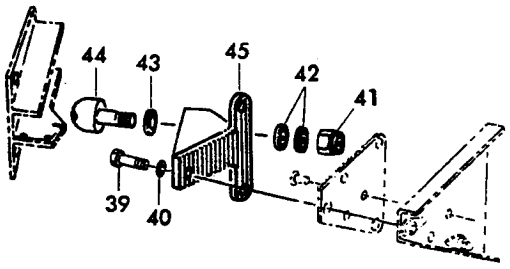
Forward Entry Door Assembly
Figure 1101 (Sheet 1)



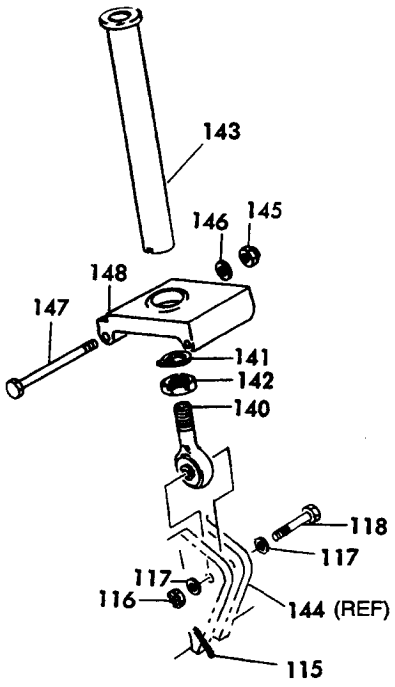
DETAIL A



DETAIL B

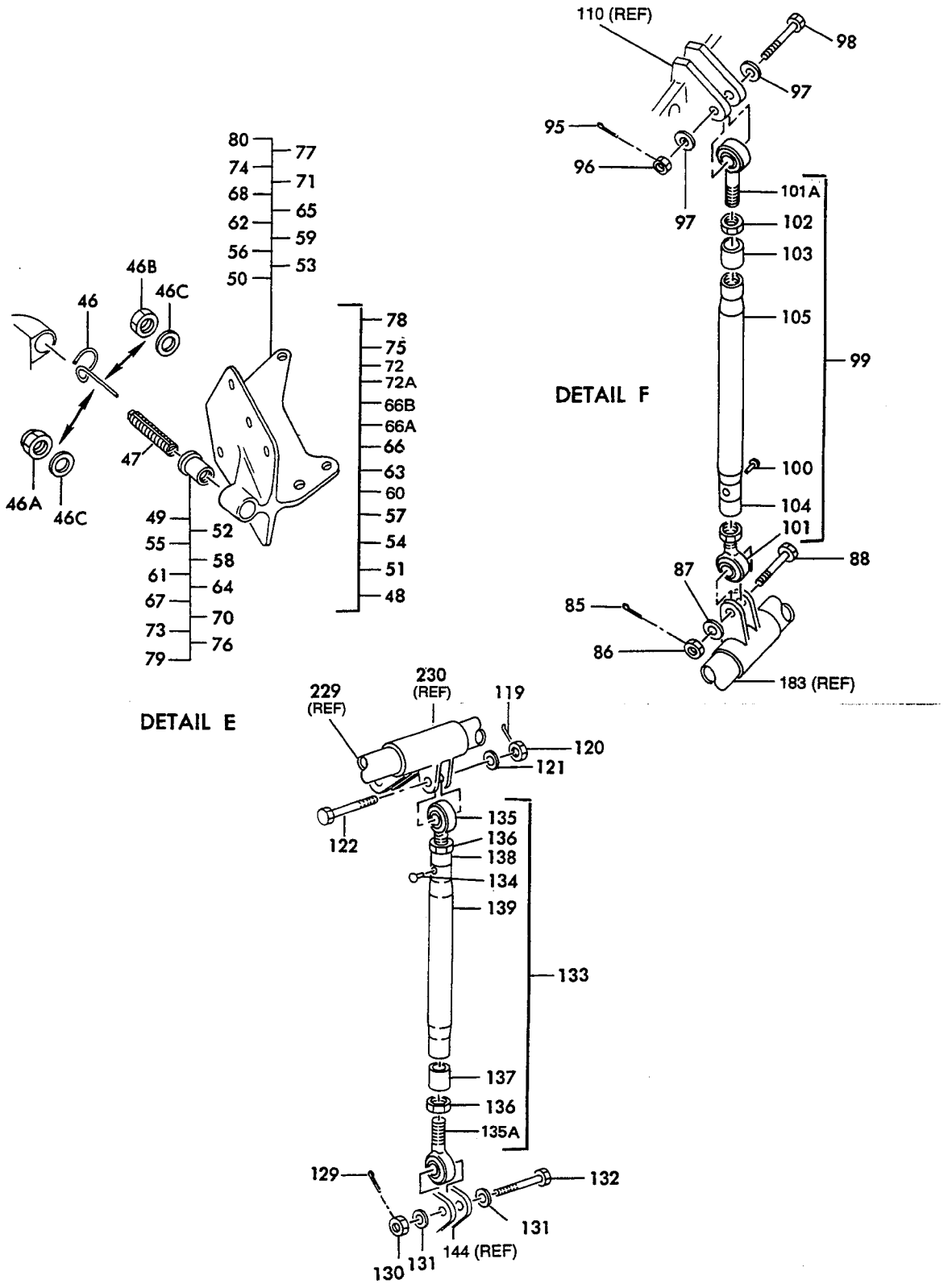


DETAIL D

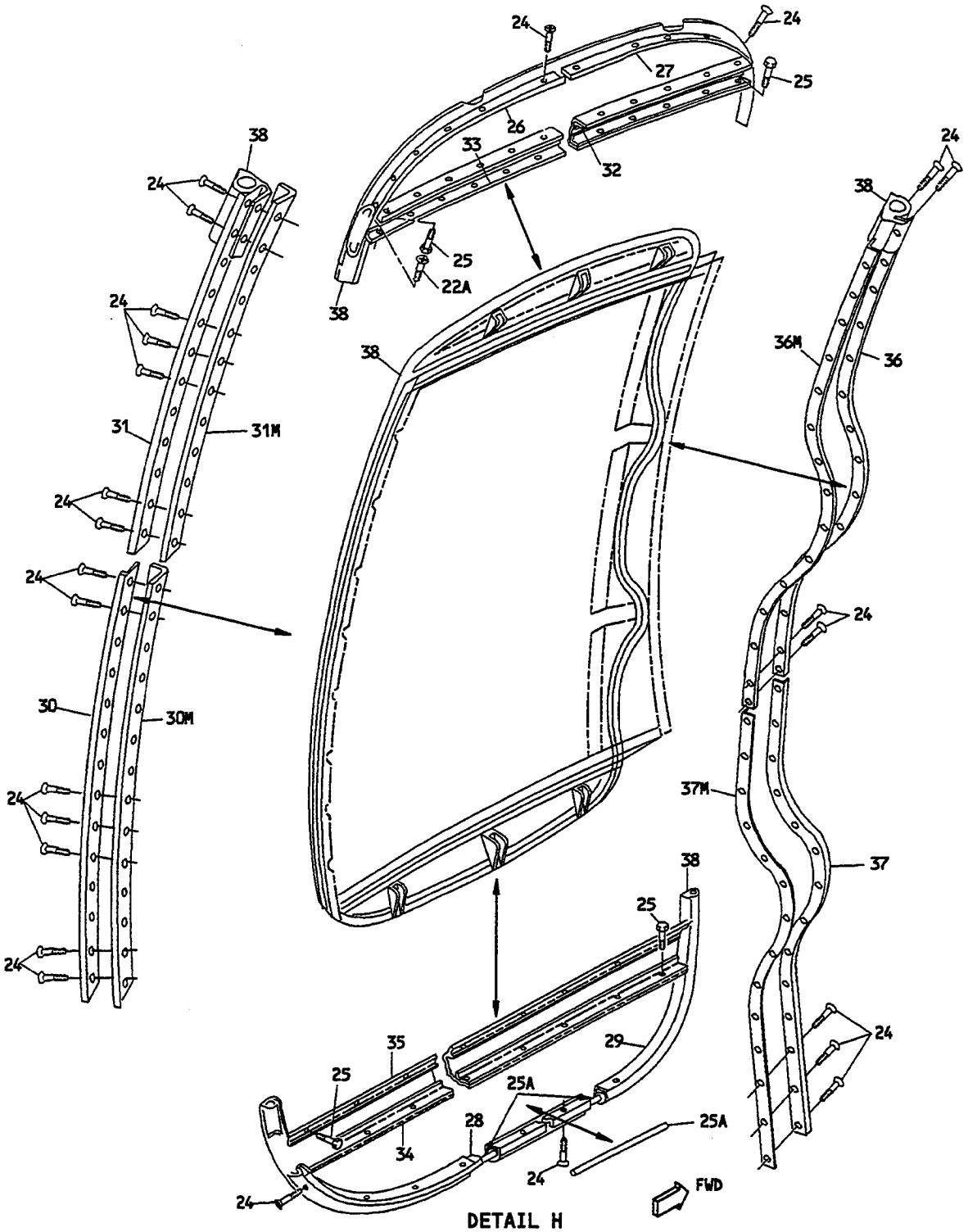


DETAIL C

Forward Entry Door Assembly
Figure 1101 (Sheet 2)

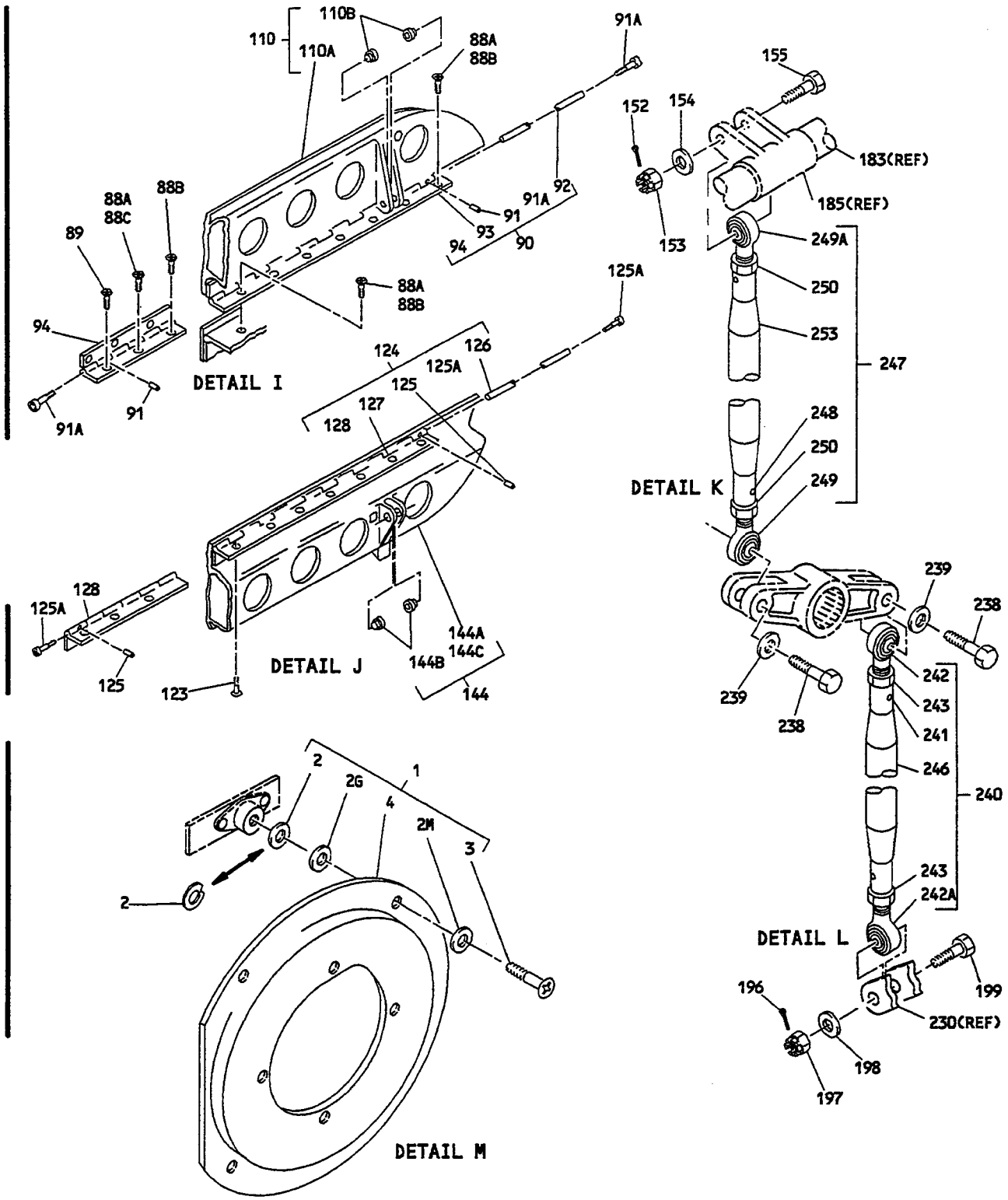


Forward Entry Door Assembly
Figure 1101 (Sheet 3)



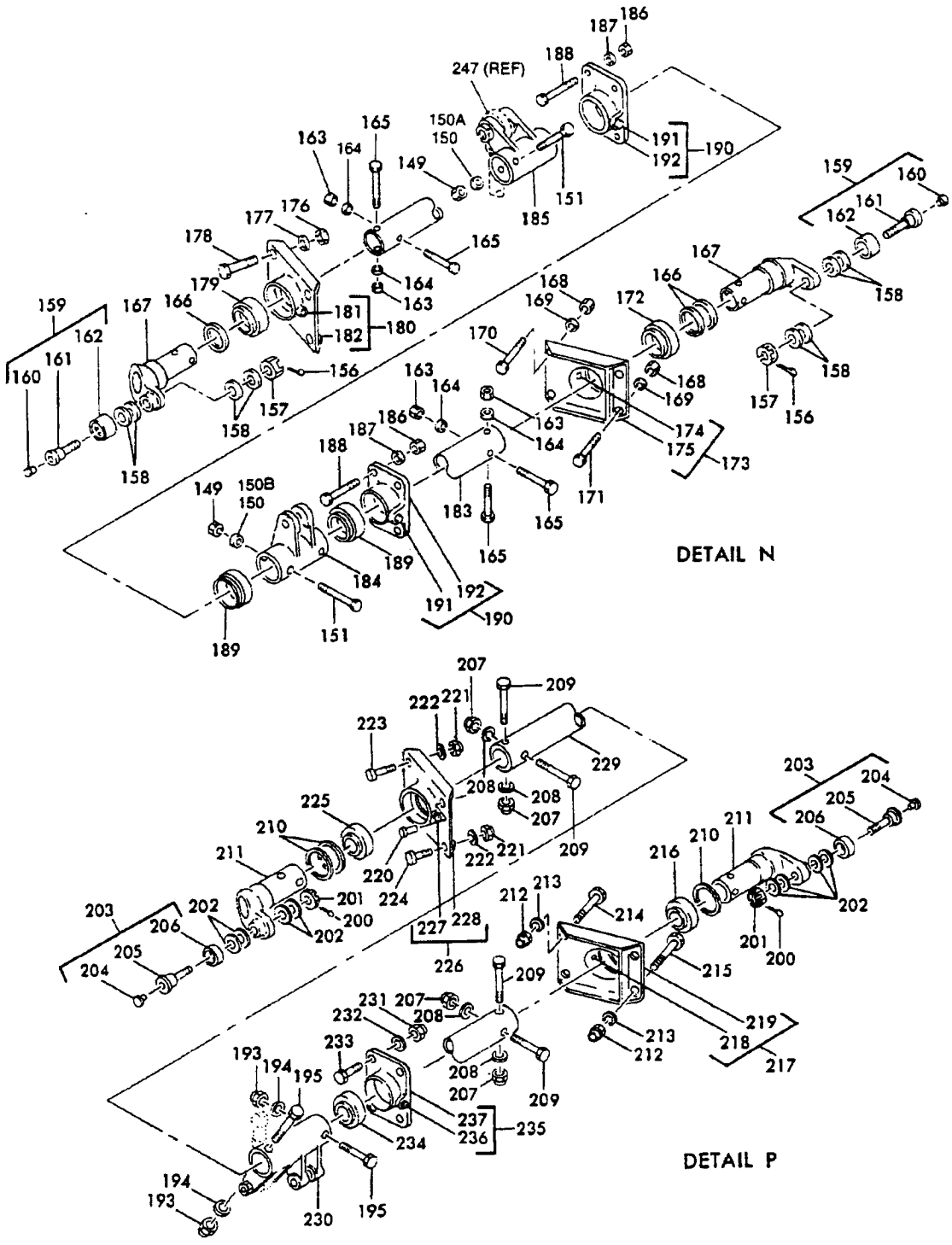
Forward Entry Door Assembly
Figure 1101 (Sheet 4)

E14521

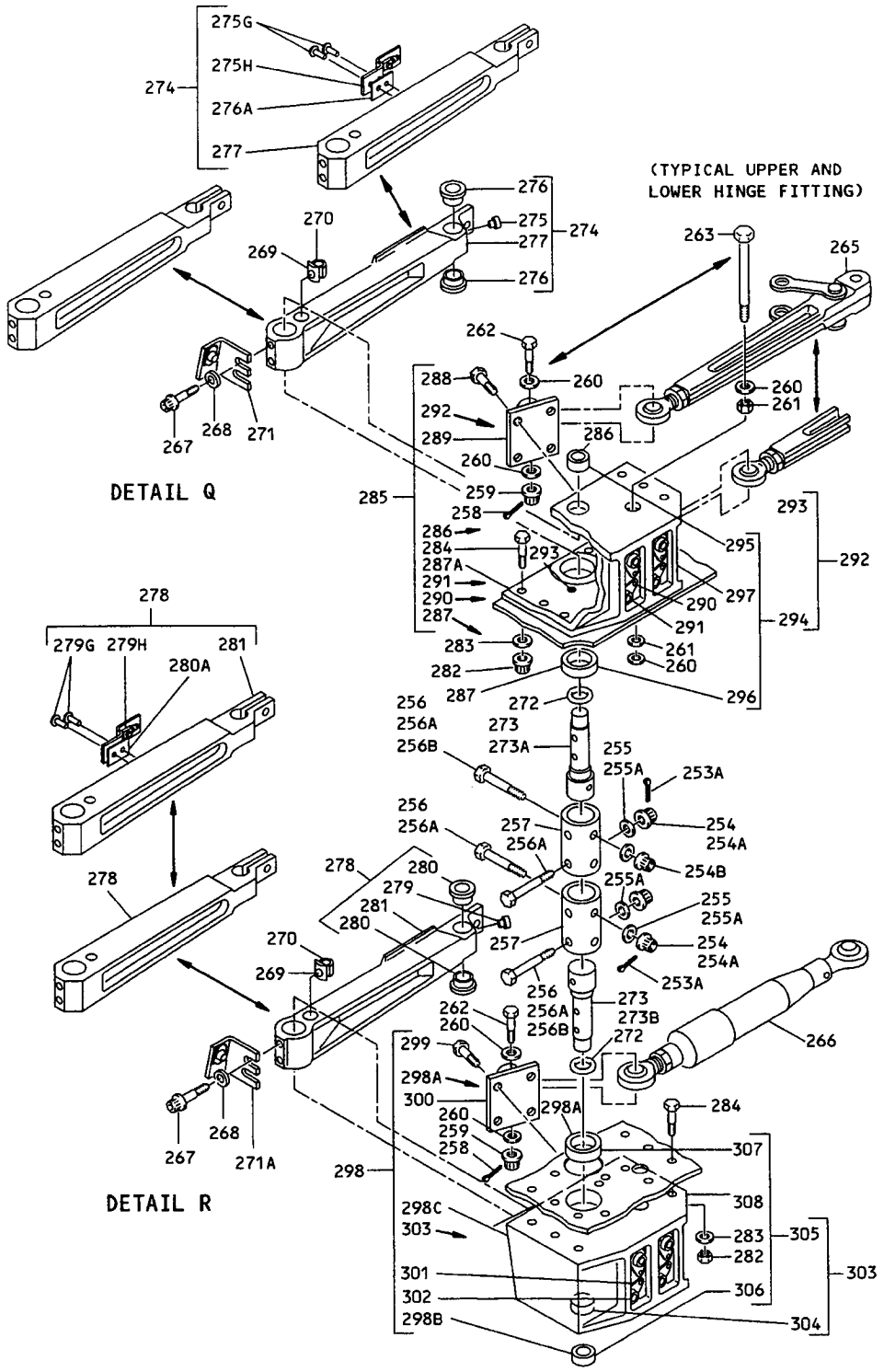


Forward Entry Door Assembly
Figure 1101 (Sheet 5)

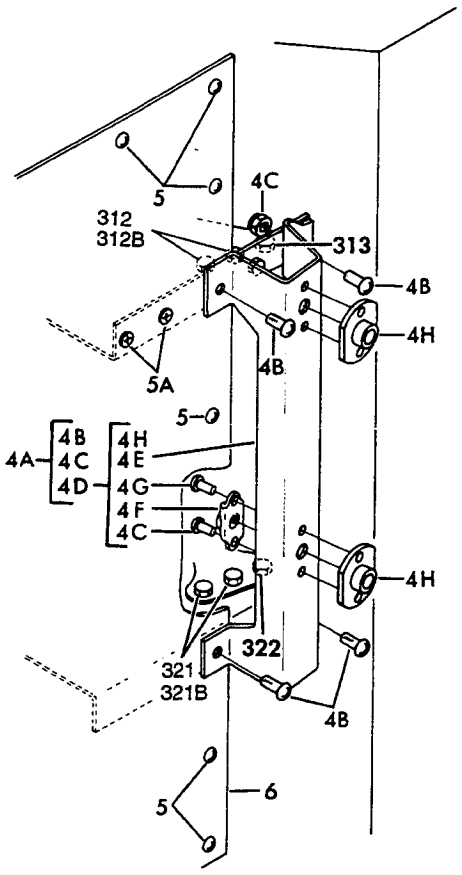
E15060



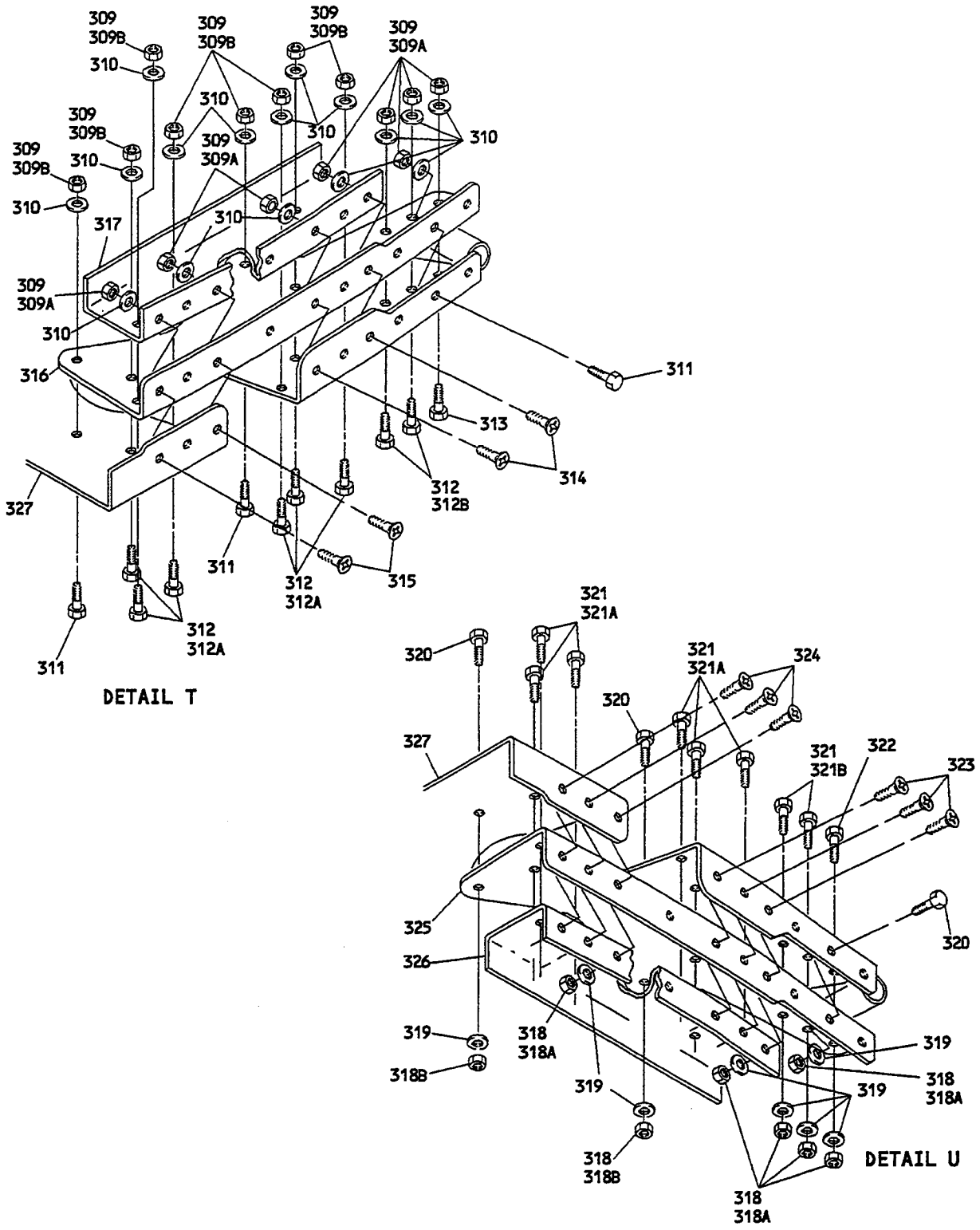
Forward Entry Door Assembly
Figure 1101 (Sheet 6)



Forward Entry Door Assembly
Figure 1101 (Sheet 7)


5
4C
312
312B
313
4B
4H
5A
4B
5
4A
4B
4C
4D
4H
4E
4G
4F
4C
4H
322
321
321B
4B
5
6

DETAIL S



Forward Entry Door Assembly
Figure 1101 (Sheet 9)

E15532

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
	50-7945-1		FORWARD ENTRY DOOR ASSY	A	RF
	50-7945-88		FORWARD ENTRY DOOR ASSY (MODIFIED BY SB 3337, 52-115, 52-1072)	B	RF
	50-7945-90		FORWARD ENTRY DOOR ASSY (MODIFIED BY SB 3337, 52-115, 52-1072)	C	RF
	50-7945-93		FORWARD ENTRY DOOR ASSY (MODIFIED BY SB 3337, 52-115, 52-1072)	D	RF
	50-7945-95		FORWARD ENTRY DOOR ASSY (MODIFIED BY SB 3337, 52-115, 52-1072)	E	RF
	50-7945-105		FORWARD ENTRY DOOR ASSY	F	RF
	50-7945-114		FORWARD ENTRY DOOR ASSY (MODIFIED BY SB 3337, 52-115, 52-1072)	G	RF
	50-7945-119		FORWARD ENTRY DOOR ASSY	H	RF
	50-7945-125		FORWARD ENTRY DOOR ASSY	I	RF
	50-7945-150		FORWARD ENTRY DOOR ASSY (SB 52-83)	J	RF
	50-7945-151		FORWARD ENTRY DOOR ASSY (SB 52-83)	K	RF
	50-7945-152		FORWARD ENTRY DOOR ASSY (SB 52-83) (MODIFIED BY SB 3337, 52-115, 52-1072)	L	RF
	50-7945-153		FORWARD ENTRY DOOR ASSY (SB 3105)	M	RF
	50-7945-155		FORWARD ENTRY DOOR ASSY (SB 52-1044)	N	RF
	50-7945-176		FORWARD ENTRY DOOR ASSY	P	RF
	50-7945-177		FORWARD ENTRY DOOR ASSY	Q	RF
	50-7945-178		FORWARD ENTRY DOOR ASSY	R	RF
	50-7945-194		FORWARD ENTRY DOOR ASSY	S	RF
	50-7945-195		FORWARD ENTRY DOOR ASSY	T	RF
	50-7945-196		FORWARD ENTRY DOOR ASSY	U	RF
	50-7945-197		FORWARD ENTRY DOOR ASSY	V	RF
	50-7945-264		FORWARD ENTRY DOOR ASSY	W	RF
	50-7945-272		FWD ENTRY DOOR ASSY	X	RF
	50-7945-299		FORWARD ENTRY DOOR ASSY	Y	RF
I	50-7945-309		FORWARD ENTRY DOOR ASSY	Z	RF
1	90-7826-2		. RETAINER ASSY	AIMPT	1
1	90-7826-2		. RETAINER ASSY *[3]	B-E JK	1
1	90-7826-13		. RETAINER ASSY *[3]	B-E JK	1
1	90-7826-13		. RETAINER ASSY	FGHV	1
1	90-7826-13		. RETAINER ASSY (OPT TO 90-7826-14)	LQS	1
1	90-7826-14		. RETAINER ASSY (90-7826-13 OPT)	LQS	1
1	90-7826-14		. RETAINER ASSY	NU	1
1	90-7826-14		. RETAINER ASSY *[3]	R	1
1	90-7826-15		. RETAINER ASSY *[3]	R	1
1	90-7826-15		. RETAINER ASSY	W-Y	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
2	GSR2-93		. . GROMMET, V94222 (USED ON 90-7826-2,-13,-14)		4
2	BACR12AG2C		. . RING, SPLIT RETAINING, PANEL FASTENER, 1/4 TURN (USED ON 90-7826-15)		4
2G	AN960D416L		. . WASHER (USED ON 90-7826-15)		4
2M	AN960D416		. . WASHER (USED ON 90-7826-15)		4
3	2-0-180		. . STUD, V9422 (USED ON 90-7826-2,-14)		4
3	BACS21AP22OR		. . STUD (USED ON 90-7826-13)(REPLD BY BACS21AP220RP)		4
3	BACS21AP22ORP		. . STUD (REPLS BACS21AP220R)		4
3	BACS21AP22ORP		. . STUD (USED ON 90-7826-15)		4
4	90-7826-4		. . RETAINER (USED ON 90-7826-2, -13, -14)		1
4	90-7826-16		. . RETAINER (USED ON 90-7826-15)		4
4A	65-27472-2		. HANDLE INST, ASSIST	A-HJK LNQ-S UWXYZ	1
4B	NAS221-11		. . SCREW		4
4C	NAS679A3W		. . NUT		2
4D	69-20200-10		. . BRACKET ASSY		1
4E	69-20200-9		. . . BRACKET		1
4F	BACN10JR4F		. . . NUTPLATE		2
4G	MS20470D3		. . . RIVET		4
4H	66-9776		. . . COLLAR		2
5	NAS221-6		. SCREW		14
5A	NAS221-10		. SCREW		3
6	50-7945-35		. PANEL, ACCESS		1
7	NAS221-10		. SCREW		6
8	NAS221-6		. SCREW		2
9	50-7945-36		. PANEL, ACCESS		1
10	NAS221-6		. SCREW		3
11	65-2863		. WINDOW ASSY, OBSERVATION	AIM	1
11	65-2863		. WINDOW ASSY, OBSERVATION (OPT TO 65-2863-3)	P-UWX	1
11	65-2863		. WINDOW ASSY, OBSERVATION (LIMITED USE)(OPT TO 65-2863-3)	YZ	1
11	65-2863-3		. WINDOW ASSY, OBSERVATION (65-2863 OPT)	P-UWX	1
11	65-2863-3		. WINDOW ASSY, OBSERVATION	A-H J-LNV	1
11	65-2863-3		. WINDOW ASSY, OBSERVATION (LIMITED USE)(PREF)	YZ	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
11	65-2863-7		. WINDOW ASSY, OBSERVATION (LIMITED USE)	YZ	1
11	65-2863-8		. WINDOW ASSY, OBSERVATION (LIMITED USE)	YZ	1
12	BACN10JC04		. . NUT (REPLS NAS679A04W)		6
12	BACN10YR4CD		. . NUT (USED ON 65-2863-8)		6
13	AN960-4		. . WASHER (USED ON 65-2863,-3)		12
13	NAS1149DN432J		. . WASHER (USED ON 65-2863-8)		12
13	NAS1149FN432P		. . WASHER (USED ON 65-2863-7)		12
14	NAS600-8P		. . SCREW (REPLS NAS600-8)		6
14	NAS8200A8		. . SCREW (USED ON 65-2863-8)		6
15	63-1478		. . CLIP		3
15	63-1478-1		. . CLIP (USED ON 65-2863-8)		3
16	BACS40A12-12		. . SHIM, LAMINATED (REPLD BY BACS40R007B007F)	A-X	AR
16	BACS40R007B007F		. . SHIM, LAMINATED (REPLS BACS40A12-12)	A-X	AR
16	BACS40R007B007F		. . SHIM, LAMINATED	YZ	AR
17	BACS40B12-12		. . SHIM, LAMINATED (REPLD BY BACS40R007C007F)	A-X	AR
17	BACS40R007C007F		. . SHIM, LAMINATED (REPLS BACS40B12-12)	A-X	AR
17	BACS40R007C007F		. . SHIM, LAMINATED	YZ	AR
18	66-2646		. . SEAL, SPONGE RUBBER		1
19	69-1983		. . RETAINER		1
19	69-1983-7		. . RETAINER (USED ON 65-2863-8)		1
20	69-1083		. . PANE, INNER (USED ON 65-2863,-3,-7)		1
20	69-1083-2		. . PANE, INNER (USED ON 65-2863-8)		1
21	69-1084		. . PANE, OUTER (USED ON 65-2863,-3,-7)		1
21	69-1084-2		. . PANE, INNER (USED ON 65-2863-8)		1
22	66-1921-1		. . SEAL (USED ON 65-2863-3)		1
22	66-1921		. . SEAL (USED ON 65-2863)		1
22	66-1921-2		. . SEAL (USED ON 65-2863-7,-8)		1
22A	NAS603-8P		. . SCREW *[3]		1
23	65-2124-3		. SEAL INSTL, DOOR	B-HJK LNQ-S U-Z	1
23	65-2124		. SEAL INSTL, DOOR	AIMPT	1
24	NAS602-10P		. . SCREW (REPLS NAS602-10)		87
25	NAS623-3-4		. . BOLT (REPLS AN3-5A) *[3]		54
25	NAS623-3-4		. . BOLT (REPLS AN3-5A) *[3]		53
25A	65-2124-1		. . SEAL INSERT (USED ON 65-2124)		2
25A	65-2124-25		. . SEAL INSERT (OPT TO 65-2124-1)		1
25A	65-2124-25		. . SEAL INSERT (USED ON 65-2124-3)		1
26	90-7809-3		. . RETAINER, AFT UPPER (USED ON 65-2124)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-26	69-78344-3		. . RETAINER, AFT UPPER (USED ON 65-2124-3)(LIMITED USE)(PREF)		1
26	90-7809-3		. . RETAINER, AFT UPPER (USED ON 65-2124-3)(LIMITED USE)(OPT TO 69-78344-3)		1
27	90-7809-4		. . RETAINER, FORWARD UPPER (USED ON 65-2124)		1
27	69-78344-4		. . RETAINER, FWD UPPER (USED ON 65-2124-3)(LIMITED USE)(PREF)		1
27	90-7809-4		. . RETAINER, FWD UPPER (USED ON 65-2124-3)(LIMITED USE)(OPT TO 69-78344-4)		1
28	90-7809-5		. . RETAINER, AFT LOWER (USED ON 65-2124)		1
28	69-78344-1		. . RETAINER, AFT LOWER (USED ON 65-2124-3)(LIMITED USE)(PREF)		1
28	90-7809-5		. . RETAINER, AFT LOWER (USED ON 65-2124-3)(LIMITED USE)(OPT TO 69-78344-1)		1
29	90-7809-6		. . RETAINER, FORWARD LOWER (USED ON 65-2124)		1
29	69-78344-2		. . RETAINER, FWD LOWER (USED ON 65-2124-3)(LIMITED USE)(PREF)		1
29	90-7809-6		. . RETAINER, FWD LOWER (USED ON 65-2124-3)(LIMITED USE)(OPT TO 69-78344-2)		1
30	90-7809-23		. . RETAINER, AFT LOWER (USED ON 65-2124)(PREF)		1
30	90-7809-15		. . RETAINER, AFT LOWER (USED ON 65-2124)(OPT TO 90-7809-23)		1
30	65C36666-2		. . RETAINER, AFT LOWER (USED ON 65-2124-3)(PREF)(LIMITED USE)		1
30	90-7809-23		. . RETAINER, AFT LOWER (USED ON 65-2124-3)(OPT TO 90-7809-15 OR 65C36666-2)(LIMITED USE)		1
30	90-7809-15		. . RETAINER, AFT LOWER (USED ON 65-2124-3)(OPT TO 90-7809-23 OR 65C36666-2)(LIMITED USE)		1
30M	65C36666-1		. . SEAL, LOCATOR ANGLE, LOWER (USED ON 65-2124-3)(LIMITED USE)(PREF)		1
30M	69-9307-5		. . SEAL, LOCATOR ANGLE, LOWER (USED ON 65-2124-3)(OPT TO 69-9307-1 OR 65C36666-1)(LIMITED USE)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
30M	69-9307-5		. . SEAL, LOCATOR ANGLE, LOWER (USED ON 65-2124)(PREF)		1
30M	69-9307-1		. . SEAL, LOCATOR ANGLE, LOWER (USED ON 65-2124-3)(OPT TO 69-9307-5 OR 65C36666-1)(LIMITED USE)		1
30M	69-9307-1		. . SEAL, LOCATOR ANGLE, LOWER (USED ON 65-2124)(OPT TO 69-9307-5)		1
31	90-7809-26		. . RETAINER, AFT UPPER (REPLS 90-7809-16,-24) (LIMITED USE)		1
31	90-7809-24		. . RETAINER, AFT UPPER (PREF TO 907809-16) (LIMITED USE)		1
31	90-7809-16		. . RETAINER, AFT UPPER (OPT TO 90-7809-24,-26)(LIMITED USE)		1
31M	69-9307-9		. . SEAL, LOCATOR ANGLE, UPPER (LIMITED USE)(PREF)		1
31M	69-9307-6		. . SEAL, LOCATOR ANGLE, UPPER (LIMITED USE)(OPT TO 69-9307-2,-9)		1
31M	69-9307-2		. . SEAL, LOCATOR ANGLE, UPPER (LIMITED USE)(OPT TO 69-9307-6,-9)		1
32	90-7809-19		. . RETAINER, UPPER HINGE UPPER		1
33	90-7809-20		. . RETAINER, UPPER HINGE LOWER		1
34	90-7809-21		. . RETAINER, LOWER HINGE LOWER		1
35	90-7809-22		. . RETAINER, LOWER HINGE UPPER		1
36	69-12003-6		. . RETAINER, FORWARD UPPER		1
36	69-12003-1		. . RETAINER, FWD UPPER (USED ON 65-2124 *[3] ONLY)		1
36M	69-12003-4		. . SEAL, LOCATOR ANGLE (USED WITH 65-2124)		1
36M	69-12003-4		. . SEAL, LOCATOR ANGLE (USED WITH 65-2124-3)(PREF)(LIMITED USE)		1
36M	69-12003-10		. . SEAL, LOCATOR ANGLE (USED WITH 65-2124-3)(OPT TO 69-12003-4) (LIMITED USE)		1
37	69-12003-7		. . RETAINER, FWD LOWER		1
37	69-12003		. . RETAINER, FWD LOWER (USED ON 65-2124 *[3] ONLY)		1
37M	69-12003-5		. . SEAL, LOCATOR ANGLE (USED WITH 65-2124)		1
37M	69-12003-5		. . SEAL, LOCATOR ANGLE (USED WITH 65-2124-3)(PREF)(LIMITED USE)		1
37M	69-12003-11		. . SEAL, LOCATOR ANGLE (USED WITH 65-2124-3)(OPT TO 69-12003-5) (LIMITED USE)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-38	50-9369-1		. . SEAL, FWD ENTRY DOOR (USED ON 65-2124 *[3] ONLY)		1
38	50-9369-2		. SEAL, FWD ENTRY DOOR	A-HJK LNQ-S U-Z	1
39	BACB30NE3-6		. BOLT (REPLS AN3-6A)		3
40	AN960D10		. WASHER		3
41	BACN10JC5		. NUT (REPLS NAS679A5)	A-X	1
41	BACN10YR5		. NUT	Y	1
42	AN960-516L		. WASHER *[2]	A-X	AR
42	AN960-516L		. WASHER	Y	2
43	MS20002C5		. WASHER (USED WITH 66-10363 ONLY)	A-X	1
43	MS20002C5		. WASHER *[12]	Y	1
44	66-10363		. GUIDE, CENTERING (PREF)		1
44	BACB10BH59CF7		. BEARING, CENTERING (OPT TO 66-10363)*[3]	A	1
45	90-7810		. FITTING, ROLLER	A-X	1
45	90-7810		. FITTING, ROLLER *[3]	YZ	1
45	90-7810-1		. FITTING, ROLLER *[3]	YZ	1
46	66-16691-1		. SPRING, STOP PIN RETAINER *[4]		18
46A	BACN10JC6		. NUT *[3]		AR
46B	AN316-6R		. NUT, CHECK *[3]		AR
46C	AN960D616		. WASHER *[3]		AR
47	66-12687-1		. PIN, DOORSTOP *[4]		18
47	30-3002		. PIN, DOOR STOP (OPT TO 66-24075) *[5]	A	18
47	66-24075		. PIN, DOORSTOP (PREF TO 30-3002)*[6]	A	18
47	66-24075-3		. PIN, DOORSTOP *[7]	A	AR
48	50-9758-8		. FITTING ASSY, STOP (PREF) *[10] *[3]	YZ	1
48	50-9758-8		. FITTING ASSY, STOP (PREF) *[10]	A-EG I-KM	1
48	50-9758-8		. FITTING ASSY, STOP (PREF)*[3] *[10]	FHLNTW	1
48	50-9758-8		. FITTING ASSY, STOP *[10]	P-SUV X	1
48	141A6104-13		. FITTING ASSY, STOP (PREF) *[3] *[10]	YZ	1
48	50-9758-7		. FITTING ASSY, STOP (OPT) *[10]	A-KM	1
48	50-9758-7		. FITTING ASSY, STOP *[3] *[10]	LNT	1
48	50-9758-5		. FITTING ASSY, STOP (OPT) PREF TO 50-9758) *[6]	A	1
48	50-9758		. FITTING ASSY, STOP (OPT)*[5]	A	1
49	66-12688-1		. . BUSHING (USED ON 50-9758-7,-8)		1
49	66-24076		. . BUSHING (USED ON 50-9758-5)		1
49	30-3001		. . BUSHING (USED ON 50-9758)		1
49	66-12688-11		. . BUSHING (USED ON 141A6104-13)		1
50	50-9758-3		. . FITTING, STOP (USED ON 50-9758 AND 50-9758-5)		1
50	50-9758-6		. . FITTING, STOP (USED ON 50-9758-7)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
50	50-9758-10		. . FITTING, STOP (USED ON 50-9758-8)		1
50	141A6104-14		. . FITTING, STOP (USED ON 141A6104-13)		1
51	50-9759-12		. FITTING ASSY, STOP (PREF) *[10]	A-EJKM	1
51	50-9759-12		. FITTING ASSY, STOP (PREF)*[3] *[10]	FHLNT	1
51	50-9759-12		. FITTING ASSY, STOP *[3] *[10]	P-R	1
51	50-9759-12		. FITTING ASSY, STOP *[10]	SUV	1
51	50-9759-9		. FITTING ASSY, STOP (OPT) *[10]	FHL-N	1
51	50-9759-8		. FITTING ASSY, STOP (OPT)(DELETED SB 3281, 52-101, 52-1066) *[10]	BYA-NT	1
51	50-9759-6		. FITTING ASSY, STOP *[6]	A	1
51	50-9759		. FITTING ASSY, STOP *[5]	A	1
51	50-9759-9		. FITTING ASSY, STOP (REWORKED FROM 50-9759-8 BY SB 3281, 52-101 OR 52-1066) *[10]	A-N	1
51	50-9759-15		. FITTING ASSY, STOP *[3] *[10]	P-R	1
51	65-95479-2		. FITTING ASSY, STOP (REPLS 50-9759-8 PER SB 3281, 52-101 OR 52-1066) *[10]	A-N	1
51	65-95479-3		. FITTING ASSY, STOP (REPLS 50-9759-8 PER SB 3281, 52-101 OR 52-1066) (OPT TO 65-95479-2) *[10]	A-N	1
51	50-9759-15		. FITTING ASSY, STOP *[10]	W	1
51	50-9759-15		. FITTING ASSY, STOP (OPT TO 50-9759-12)(LIMITED) *[10]	X	1
51	141A6104-15		. FITTING ASSY, STOP *[3] *[10]	YZ	1
51	50-9759-18		. FITTING ASSY, STOP (OPT TO 50-9759-15)(LIMITED) *[10]	X	1
51	50-9759-21		. FITTING ASSY, STOP (LIMITED) *[10]	X	1
51	50-9759-21		. FITTING ASSY, STOP *[10] *[3]	Y	1
52	66-12688-1		. . BUSHING (USED ON 50-9759-8,-9, -12, -15,-18,-21; 65-95479-2,-3)		1
52	66-12688-11		. . BUSHING (USED ON 141A6104-15)		1
52	66-24076		. . BUSHING (USED ON 50-9759-6)		1
52	30-3001		. . BUSHING (USED ON 50-9759)		1
53	50-9759-7		. . FITTING, STOP (USED ON 50-9759-8)		1
53	50-9759-5		. . FITTING, STOP (USED ON 50-9759, 50-9759-6)		1
53	50-9759-10		. . FITTING, STOP (USED ON 50-9759-12, 65-95479-2)		1
53	*[9]		. . FITTING, STOP (USED ON 50-9759-9, 65-95479-3)(REWORKED FROM 50-9759-7)		1
53	50-9759-14		. . FITTING, STOP (USED ON 50-9759-15)		1
53	50-9759-19		. . FITTING, STOP (USED ON 50-9759-18)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
53	50-9759-20		. . FITTING, STOP (USED ON 50-9759-21)		1
53	141A6104-16		. . FITTING, STOP (USED ON 141A6104-15)		1
54	65-2122-3		. FITTING ASSY, STOP (PREF)(PRE SB 52-28R1) *[3]*[6]	A	1
54	65-2122		. FITTING ASSY, STOP (OPT TO 65-2122-3) (PRE SB-52-28R1) *[3]*[5]*[6]	A	1
54	65-2122-4		. FITTING ASSY, STOP (PRE SB-52-28R1) *[3]*[10]	ABCIJK	1
54	65-51276-9		. FITTING ASSY, STOP (PRE SB 52-1118) (REPLS 65-51276-4) *[10]	B-IMN	1
54	65-51276-4		. FITTING ASSY, STOP (PRE SB-52-28R1) (PRE SB 52-1118)(REPLD BY 65-51276-9) *[10]	B-IMN	1
54	65-51276-9		. FITTING ASSY, STOP (PRE SB 52-1118) *[10]	LP-V	1
54	65-51276-10		. FITTING ASSY, STOP *[10]	W-Z	1
54	65-51276-10		. FITTING ASSY, STOP (POST SB 52-28R1) *[10]	A-K MN	1
54	65-51276-10		. FITTING ASSY, STOP (POST SB 52-1118) *[10]	FHNRUV	
55	66-12688-1		. . BUSHING (USED ON 65-51276-4, -9,-10, 65-2122-4)		1
55	66-24076		. . BUSHING (USED ON 65-2122-3)		1
55	30-3001		. . BUSHING (USED ON 65-2122)		1
56	65-2122-5		. . FITTING, STOP (USED ON 65-2122-4)		1
56	65-2122-1		. . FITTING, STOP (USED ON 65-2122 AND 65-2122-3)		1
56	65-51276-5		. . FITTING, STOP (USED ON 65-51276-4)		1
56	65-51276-8		. . FITTING, STOP (USED ON 65-51276-9)		1
56	65-51276-11		. . FITTING, STOP (USED ON 65-51276-10)		1
57	69-1948-5		. FITTING ASSY, STOP *[10]	A-NS-U	1
57	69-1948-7		. FITTING ASSY, STOP *[3]*[10]	P-RVW	1
57	69-1948-9		. FITTING ASSY, STOP *[3]*[10]	RW	1
57	69-1948-9		. FITTING ASSY, STOP *[10]	XYZ	1
57	69-1948-9		. FITTING ASSY, STOP *[10]	YZ	1
57	69-1948-11		. FITTING ASSY, STOP *[10] (OPT)	YZ	1
57	69-1948-4		. FITTING ASSY, STOP (PREF TO 69-1948-2) *[6]	A	1
57	69-1948-2		. FITTING ASSY, STOP (OPT TO 69-1948-4) *[5]	A	1
58	66-12688-1		. . BUSHING (USED ON 69-1948-5,-7,-9, -11)		1
58	66-24076		. . BUSHING (USED ON 69-1948-4)		1
58	30-3001		. . BUSHING (USED ON 69-1948-2)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
59	69-1948-6		. . FITTING, STOP (USED ON 69-1948-5)		1
59	69-1948-3		. . FITTING, STOP (USED ON 69-1948-2,-4)		1
59	69-1948-8		. . FITTING, STOP (USED ON 69-1948-7)		1
59	69-1948-10		. . FITTING, STOP (USED ON 69-1948-9)		1
59	69-1948-12		. . FITTING, STOP (USED ON 69-1948-11)		1
60	69-1949-5		. FITTING ASSY, STOP *[10]	B-QS-V	1
60	69-1949-5		. FITTING ASSY, STOP *[3]*[10]	RW	1
60	69-1949-7		. FITTING ASSY, STOP *[3]*[10]	RW	1
60	69-1949-7		. FITTING ASSY, STOP *[10]	XYZ	1
60	69-1949-9		. FITTING ASSY, STOP *[10] (OPT TO 69-1949-7)	YZ	1
60	69-1949-4		. FITTING ASSY, STOP (PREF TO 69-1949-2) *[6]	A	1
60	69-1949-2		. FITTING ASSY, STOP (OPT TO 69-1949-4) *[5]	A	1
61	66-12688-1		. . BUSHING (USED ON 69-1949-5,-7)		1
61	66-24076		. . BUSHING (USED ON 69-1949-4)		1
61	30-3001		. . BUSHING (USED ON 69-1949-2)		1
62	69-1949-3		. . FITTING, STOP (USED ON 69-1949-2, -4)		1
62	69-1949-6		. . FITTING, STOP (USED ON 69-1949-5)		1
62	69-1949-8		. . FITTING, STOP (USED ON 69-1949-7)		1
63	90-7804-7		. FITTING ASSY, STOP *[10]	B-QS-V	2
63	90-7804-7		. FITTING ASSY, STOP *[3]*[10]	RW	2
63	90-7804-11		. FITTING ASSY, STOP *[3]*[10]	RWX	2
63	90-7804-17		. FITTING ASSY, STOP *[3]*[10]	X	2
63	90-7804-17		. FITTING ASSY, STOP *[10]	YZ	2
63	90-7804-5		. FITTING ASSY, STOP (PREF TO 90-7804-1) *[6]	A	2
63	90-7804-1		. FITTING ASSY, STOP (OPT TO 90-7804-5) *[5]	A	2
64	66-12688-1		. . BUSHING (USED ON 90-7804-7,-11, -17)		1
64	66-24076		. . BUSHING (USED ON 90-7804-5)		1
64	30-3001		. . BUSHING (USED ON 90-7804-1)		1
65	90-7804-3		. . FITTING, STOP (USED ON 90-7804-1,-5)		1
65	90-7804-9		. . FITTING, STOP (USED ON 90-7804-7)		1
65	90-7804-13		. . FITTING, STOP (USED ON 90-7804-11)		1
65	90-7804-19		. . FITTING, STOP (USED ON 90-7804-17)		1
66	90-7804-8		. FITTING ASSY, STOP *[10]	B-QS-V	4
66	90-7804-8		. FITTING ASSY, STOP *[3]*[10]	RW	4
66	90-7804-12		. FITTING ASSY, STOP *[3]*[10]	RWX	4
66	90-7804-6		. FITTING ASSY, STOP (PREF TO 90-7804-2) *[6]	A	4
66	90-7804-2		. FITTING ASSY, STOP (OPT TO 90-7804-6) *[5]	A	4

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
66A	90-7804-18		. FITTING ASSY, STOP *[3]*[10]	X	3
66A	90-7804-18		. FITTING ASSY, STOP *[10]	YZ	3
66B	90-7804-21		. FITTING ASSY, STOP *[10]	Y	1
66B	90-7804-15		. FITTING ASSY, STOP *[3]*[10]	X	1
66B	90-7804-21		. FITTING ASSY, STOP *[3]*[10]	X	1
67	66-12688-1		. . BUSHING (USED ON 90-7804-8,-12, -15,-18,-21)		1
67	66-24076		. . BUSHING (USED ON 90-7804-6)		1
67	30-3001		. . BUSHING (USED ON 90-7804-2)		1
68	90-7804-4		. . FITTING, STOP (USED ON 90-7804-2,-6)		1
68	90-7804-10		. . FITTING, STOP (USED ON 90-7804-8)		1
68	90-7804-14		. . FITTING, STOP (USED ON 90-7804-12)		1
68	90-7804-16		. . FITTING, STOP (USED ON 90-7804-15)		1
68	90-7804-20		. . FITTING, STOP (USED ON 90-7804-18)		1
68	90-7804-22		. . FITTING, STOP (USED ON 90-7804-21)		1
69	90-7805-3		. FITTING ASSY, STOP *[10]	B-QS-V	1
69	90-7805-3		. FITTING ASSY, STOP *[3]*[10]	RW	1
69	90-7805-5		. FITTING ASSY, STOP *[3]*[10]	RW	1
69	90-7805-5		. FITTING ASSY, STOP *[10]	XYZ	1
69	90-7805-2		. FITTING ASSY, STOP (PREF TO 90-7805) *[6]	A	1
69	90-7805		. FITTING ASSY, STOP (OPT TO 90-7805-2) *[5]	A	1
70	66-12688-1		. . BUSHING (USED ON 90-7805-3,-5)		1
70	66-24076		. . BUSHING (USED ON 90-7805-2)		1
70	30-3001		. . BUSHING (USED ON 90-7805)		1
71	90-7805-1		. . FITTING, STOP (USED ON 90-7805 AND -2)		1
71	90-7805-4		. . FITTING, STOP (USED ON 90-7805-3)		1
71	90-7805-6		. . FITTING, STOP (USED ON 90-7805-5)		1
72	90-7807-7		. FITTING ASSY, STOP *[10]	A-NSTU	4
72	90-7807-7		. FITTING ASSY, STOP *[3]*[10]	P-RVW	3
72	90-7807-23		. FITTING ASSY, STOP *[3]	RW	3
72	90-7807-23		. FITTING ASSY, STOP *[10]	XYZ	3
72	90-7807-5		. FITTING ASSY, STOP (PREF TO 90-7807-1) *[6]	A	4
72	90-7807-1		. FITTING ASSY, STOP (OPT TO 90-7807-5) *[5]	A	4
72A	90-7807-11		DELETED		
72A	90-7807-17		. FITTING ASSY, STOP *[3]*[10]	P-RVWX	1
72A	90-7807-19		. FITTING ASSY, STOP *[3]	RWX	1
72A	90-7807-25		. FITTING ASSY, STOP *[3]	X	1
72A	90-7807-25		. FITTING ASSY, STOP *[10]	YZ	1
73	66-12688-1		. . BUSHING (USED ON 90-7807-7,-17, -19, -23,-25)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
73	66-24076		. . BUSHING (USED ON 90-7807-5)		1
73	30-3001		. . BUSHING (USED ON 90-7807-1)		1
74	90-7807-3		. . FITTING, STOP (USED ON 90-7807-1, -5)		1
74	90-7807-9		. . FITTING, STOP (USED ON 90-7807-7)		1
74	90-7807-13		DELETED		
74	90-7807-15		. . FITTING, STOP (USED ON 90-7807-17)		1
74	90-7807-24		. . FITTING, STOP (USED ON 90-7807-23)		1
74	90-7807-21		. . FITTING, STOP (USED ON 90-7807-19)		1
74	90-7807-27		. . FITTING, STOP (USED ON 90-7807-25)		1
75	90-7807-8		. FITTING ASSY, STOP *[10]	A-NSTU	1
75	90-7807-12		DELETED		
75	90-7807-18		. FITTING ASSY, STOP *[3]*[10]	P-RVW	1
75	90-7807-20		. FITTING ASSY, STOP *[3]*[10]	RWX	1
75	90-7807-26		. FITTING ASSY, STOP *[3]*[10]	X	1
75	90-7807-26		. FITTING ASSY, STOP *[10]	YZ	1
75	90-7807-6		. FITTING ASSY, STOP (PREF TO 90-7807-2) *[6]	A	1
75	90-7807-2		. FITTING ASSY, STOP (OPT TO 90-7807-6) *[5]	A	1
76	66-12688-1		. . BUSHING (USED ON 90-7807-8,-18, -20,-26)		1
76	66-24076		. . BUSHING (USED ON 90-7807-6)		1
76	30-3001		. . BUSHING (USED ON 90-7807-2)		1
77	90-7807-4		. . FITTING, STOP (USED ON 90-7807-2, -6)		1
77	90-7807-10		. . FITTING, STOP (USED ON 90-7807-8)		1
77	90-7807-14		DELETED		
77	90-7807-16		. . FITTING, STOP (USED ON 90-7807-18)		1
77	90-7807-22		. . FITTING, STOP (USED ON 90-7807-20)		1
77	90-7807-28		. . FITTING, STOP (USED ON 90-7807-26)		1
78	90-7808-3		. FITTING ASSY, STOP *[10]	B-QS-V	1
78	90-7808-3		. FITTING ASSY, STOP *[3]*[10]	RW	1
78	90-7808-5		. FITTING ASSY, STOP *[3]*[10]	RW	1
78	90-7808-5		. FITTING ASSY, STOP *[10]	XYZ	1
78	90-7808-2		. FITTING ASSY, STOP (PREF TO 90-7808) *[6]	A	1
78	90-7808		. FITTING ASSY, STOP (OPT TO 90-7808-2) *[5]	A	1
79	66-12688-1		. . BUSHING (USED ON 90-7808-3,-5)		1
79	66-24076		. . BUSHING (USED ON 90-7808-2)		1
79	30-3001		. . BUSHING (USED ON 90-7808)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-80	90-7808-1		. . FITTING, STOP (USED ON 90-7808 AND -2)		1
80	90-7808-4		. . FITTING, STOP (USED ON 90-7808-3)		1
80	90-7808-6		. . FITTING, STOP (USED ON 90-7808-5)		1
81	MS24665-134		. PIN, COTTER (REPLS AN380-2-3)		2
82	BACN10JD104		. NUT, CASTELLATED (REPLS AN320-4)		2
83	BACW10P258AT		. WASHER		4
83	NAS1197-416		. DELETED		
83	NAS1197-416		. DELETED		
84	NAS1104-13		. BOLT		2
85	MS24665-134		. PIN, COTTER (REPLS AN380-2-3)		1
86	BACN10JD104		. NUT (REPLS AN320-4)		1
87	AN960D416		. WASHER		1
88	NAS1104-11D		. BOLT		1
88A	BACB30LU3-2		. BOLT (REPLS NAS 517-3-2)	A-X	12
88B	BACB30NN3K3		. BOLT	YZ	11
88C	BACB30NN3K4		. BOLT	YZ	1
89	BACB30LU3-5		. BOLT (REPLS NAS517-3-5)	A-X	1
89	BACB30NN3K6		. BOLT	YZ	1
90	90-7816-7		. HINGE ASSY, UPPER GATE (REPLS 90-7816)*[3]	A-NX	1
90	90-7816-7		. HINGE ASSY, UPPER GATE	P-W	1
90	65C35480-1		. HINGE ASSY, UPPER GATE *[3]	X	1
90	65C35480-1		. HINGE ASSY, UPPER GATE	YZ	1
90	90-7816		. HINGE ASSY UPPER GATE *[3]	A-N	1
91	MS16562-22		. . PIN, SPRING (REPLS NAS561P3-5) (USED ON 90-7816, -7)		2
91A	NAS1352N06LB4P		. . SCREW (USED ON 65C35480-1)		2
92	MS20253-2-3220		. . PIN, HINGE (REPLS AN253-2-3220) (USED ON 90-7816, -7)		1
92	MS20253P2-3218		. . PIN, HINGE (USED ON 65C35480-1)		1
93	90-7816-4		. . HALF, HINGE (USED ON 90-7816)		1
93	90-7816-9		. . HALF, HINGE (USED ON 90-7816-7, 65C35480-1)		1
94	90-7816-6		. . HALF, HINGE (USED ON 90-7816)		1
94	90-7816-10		. . HALF, HINGE (USED ON 90-7816-7)		1
94A	65C35733-2		. . HINGE, GATE (USED ON 65C35480-1)		1
94A	50-7945-163		DELETED		
95	MS2466-134		. PIN, COTTER (REPLS AN380-2-3)		1
96	BACN10JD104		. NUT, CASTELLATED (REPLS AN320-4)		1
97	NAS1197-416		. DELETED		
97	BACWI0P258AT		. WASHER		2
98	NAS1104-13D		. BOLT		1
99	65-28925-1		. ROD ASSY, CONTROL (PREF)	A	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
99	90-7823		. ROD ASSY (OPT)	A	1
99	65-28925-1		. ROD ASSY, CONTROL	B-PS-V	1
99	65-28925-1		. ROD ASSY, CONTROL *[3]	QR	1
99	65-28925-67		. ROD ASSY, CONTROL *[3]	QR	1
99	65-28925-67		. ROD ASSY, CONTROL	W-Z	1
100	MS20470D5		. . RIVET (USED ON 90-7823)		4
101	BACB10A187L		. . BEARING, ROD END (USED ON 65-289		1
101	BACB10A187M2L		. . BEARING, ROD END (USED ON 90-782		1
101A	BACB10A187L		. . BEARING, ROD END (USED ON 65-289		1
101A	BACB10Y4		. . BEARING, ROD END (USED ON 65-289		1
101A	BACB10A187M2L		. . BEARING, ROD END (USED ON 90-782		1
102	AN316-5R		. . NUT (USED ON 65-28925-1,-67)		2
102	AN316-5R		. . NUT (USED ON 90-7823)		1
103	30-3008		. . ADAPTER (USED ON 90-7823)		1
104	30-3008-1		. . ADAPTER (USED ON 90-7823)		1
105	60-4453		. . ROD (USED ON 90-7823)		1
105	65-28925-13		. . ROD (USED ON 65-28925-1,-67)		1
106	BACB10A278L		. BEARING, SPHERICAL, ROD END	A-PS-V	2
106	BACB10A278L		. BEARING, SPHERICAL, ROD END *[3]	QR	2
106	BACB10Y4		. BEARING, SPHERICAL, ROD END *[3]	QR	2
106	BACB10Y4		. BEARING, SPHERICAL, ROD END	W-Z	2
107	NAS513-5		. WASHER		2
108	NAS509-5		. NUT		2
109	66-2620-1		. ROD, STOP		2
110	65-1647-2		. GATE, UPPER *[3]	L-N	1
110	65-1647-2		. GATE, UPPER (65-1647-4 OPT)	A-K	1
110	65-1647-4		. GATE ASSY, UPPER *[3]	L-NR	1
110	65-1647-4		. GATE ASSY, UPPER (OPT TO 65-1647-2)	A-K	1
110	65-1647-4		. GATE ASSY, UPPER	PS-V	1
110	65-1647-7		. GATE ASSY, UPPER	W	1
110	65-1647-9		. GATE ASSY, UPPER	QXYZ	1
110	65-1647-7		. GATE ASSY, UPPER (OPT TO 65-1647-9)	Q	1
110	65-1647-4		. GATE ASSY, UPPER (OPT TO 65-1647-9)	Q	1
110A	65-1647-3		. . GATE (USED ON 65-1647-4)		1
110B	BACB28X4D009		. . BUSHING (USED ON 65-1647-4,-9)		6
110C	65-1647-8		. . GATE, UPPER (USED ON 65-1647-7)		1
110D	65-1647-10		. . GATE, UPPER (USED ON 65-1647-9)		1
111	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W		4
112	AN960D10		. WASHER		4

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-113	BACB30NE3-20		. BOLT (REPLS AN3-15A)	A-MPQ ST	4
113	NAS6603-15		. BOLT (REPLS NAS1103-15)	NRU-Z	4
114	P37100		. BEARING, V57606 (PREF)		2
114	USB7-101		. BEARING, V81629 (OPT)		2
114	KR7-1		. BEARING, V97613 (OPT)		2
114	BSSR7570		. BEARING, V81376 (OPT)		2
115	MS24665-134		. PIN, COTTER (REPLS AN380-2-3)		2
116	BACN10JD104		. NUT, CASTELLATED (REPLS AN320-4)		2
117	BACW10P258AT		. WASHER		4
118	NAS1104-13		. BOLT		2
119	MS24665-134		. PIN, COTTER (REPLS AN380-2-3)		1
120	BACN10JD104		. NUT, CASTELLATED (REPLS AN320-4)		1
121	AN960D416		. WASHER		1
122	NAS1104-10D		. BOLT		1
123	BACB30LU3-2		. BOLT (REPLS NAS517-3-2)	A-X	13
123	BACB30LU3-2		. BOLT	YZ	15
124	90-7816-1		. HINGE ASSY, LOWER GATE (90-7816-8 OPT)	A-K	1
124	90-7816-1		. HINGE ASSY, LOWER GATE *[3]	L-N	1
124	90-7816-8		. HINGE ASSY, LOWER GATE (OPT TO 90-7816-1)	A-K	1
124	90-7816-8		. HINGE ASSY, LOWER GATE *[3]	L-NX	1
124	90-7816-8		. HINGE ASSY, LOWER GATE	P-W	1
124	65C35480-3		. HINGE ASSY, LOWER GATE *[3]	X	1
124	65C35480-3		. HINGE ASSY, LOWER GATE	YZ	1
125	MS16562-22		. . PIN, SPRING (REPLS NAS561P3-5) (USED ON 90-7816-1,-8)		2
125A	NAS1352N06LB4P		. . SCREW (USED ON 65C3548-3)		2
126	MS20253-2-3220		. . PIN, HINGE (REPLS AN253-2-3220) (US 7816-1,-8)		1
126	MS20253P2-3218		. . PIN, HINGE (USE ON 65C35480-3)		1
127	90-7816-4		. . HALF, HINGE (USED ON 90-7816-1)		1
127	90-7816-9		. . HALF, HINGE (USED ON 90-7816-8, 65C35480-3)		1
128	90-7816-5		. . HALF, HINGE (USED ON 90-7816-1)		1
128	90-7816-11		. . HALF, HINGE (USED ON 90-7816-8)		1
128	65C35733-3		. . HINGE, GATE (USED ON 65C35480-3)		1
129	MS24665-134		. PIN, COTTER (REPLS AN380-2-3)		1
130	BACN10JD104		. NUT (REPLS AN320-4)		1
131	BACW10P258AT		. WASHER		2
132	NAS1104-13D		. BOLT		1
133	65-28925-2		. ROD ASSY, CONTROL (PREF)	A	1
133	90-7823-1		. ROD ASSY (OPT)	A	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-133	65-28925-2		. ROD ASSY, CONTROL	B-P S-V	1
133	65-28925-2		. ROD ASSY, CONTROL *[3]	QR	1
133	65-28925-68		. ROD ASSY, CONTROL *[3]	QR	1
133	65-28925-68		. ROD ASSY, CONTROL	W-Z	1
134	MS20470D5		. . RIVET, UNIVERSAL HEAD (USED ON 90-7823-1)		4
135	BACB10A187L		. . BEARING, ROD END (USED ON 65-28925-2,-68)		1
135	BACB10A187M2L		. . BEARING (USED ON 90-7823-1)		1
135A	BACB10A187L		. . BEARING, ROD END (USED ON 65-28925-2)		1
135A	BACB10Y4		. . BEARING, ROD END (USED ON 65-28925-68)		1
135A	BACB10A187M2L		. . BEARING (USED ON 90-7823-1)		1
136	AN316-5R		. . NUT (USED ON 65-28925-2,-68)		2
136	AN316-5R		. . NUT (USED ON 90-7823-1)		1
137	30-3008		. . ADAPTER (USED ON 90-7823-1)		1
138	30-3008-1		. . ADAPTER (USED ON 90-7823-1)		1
139	60-4453-1		. . ROD (USED ON 90-7823-1)		1
139	65-28925-14		. . ROD (USED ON 65-28925-2,-68)		1
140	BACB10A278L		. BEARING, SPHERICAL, ROD END	A-PS-V	2
140	BACB10A278L		. BEARING, SPHERICAL, ROD END *[3]	QR	2
140	BACB10Y4		. BEARING, SPHERICAL, ROD END *[3]	QR	2
140	BACB10Y4		. BEARING, SPHERICAL, ROD END	W-Z	2
141	NAS513-5		. WASHER		2
142	NAS509-5		. NUT		2
143	66-2620-1		. ROD, STOP		2
144	65-1648-4		. GATE, LOWER (65-1648-5,-7 OPT)	A-F H-K	1
144	65-1648-4		. GATE, LOWER (65-1648-5,-7 OPT) *[3]	MN	1
144	65-1648-5		. GATE, LOWER (OPT TO 65-1648-4) (65-1648-7 OPT)	A-F H-K	1
144	65-1648-5		. GATE, LOWER (65-1648-7 OPT)	G	1
144	65-1648-5		. GATE, LOWER (65-1648-7 OPT) *[3]	L	1
144	65-1648-5		. GATE, LOWER (OPT TO 65-1648-4) (65-1648-7 OPT) *[3]	MN	1
144	65-1648-7		. GATE ASSY, LOWER (OPT TO 65-1648-4, -5)	A-F H-K	1
144	65-1648-7		. GATE ASSY, LOWER (OPT TO 65-1648-5)	G	1
144	65-1648-7		. GATE ASSY, LOWER (OPT TO 65-1648-5) *[3]	L	1
144	65-1648-7		. GATE ASSY, LOWER	PR-VW	1
144	65-1648-10		. GATE ASSY, LOWER	QXYZ	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
144	65-1648-7		. GATE ASSY, LOWER (OPT TO 65-1648-10)	Q	1
144A	65-1648-6		. . GATE (USED ON 65-1648-7)		1
144B	BACB28X4D009		. . BUSHING (USED ON 65-1648-7,-10)		6
144C	65-1648-11		. . GATE, LOWER (USED ON 65-1648-10)		1
145	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W)		4
146	AN960D10		. WASHER		4
147	BACB30NE3-20		. BOLT (REPLS AN3-15A)	A-MPQ ST	4
147	NAS6603-15		. BOLT (REPLS NAS1103-15)	NRU-Z	4
148	P37100		. BEARING, V57606 (PREF)		2
148	USB7-101		. BEARING, V81629 (OPT)		2
148	KR7-1		. BEARING, V97613 (OPT)		2
148	BSSR7570		. BEARING, V81376 (OPT)		2
149	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W) (PRE SB 52-1094, R1, R2, R3)	A-V	4
149	BACN10YR3CD		. NUT *[14]	W-Z	4
149	BACN10YR3CD		. NUT (POST SB 52-1094) *[11] *[14]	FHNRU	4
150	AN960D10		. WASHER (PRE SB 52-1094, R1, R2, R3)	A-V	4
150	AN960C10L		. WASHER *[14]	W-Z	4
150	AN960C10L		. WASHER (POST SB 52-1094) *[11] *[14]	FHNRU	4
150A	AN960C10L		. WASHER *[3] *[14]	YZ	2
150B	AN960C10L		. WASHER *[14]	YZ	2
151	NAS1103-18		. BOLT (PRE SB 52-1094, R1, R2, R3)	A-V	4
151	BACB30NM3K19		. BOLT (POST SB 52-1094) *[11] *[14]	FHNRU	4
151	BACB30NM3K19		. BOLT *[14]	W-Z	4
152	MS24665-134		. PIN, COTTER (REPLS AN380-2-3)	A-X	1
152	MS24665-134		. PIN, COTTER (REPLS AN380-2-3)*[3]	YZ	1
152	MS24665-153		. PIN, COTTER *[3]	YZ	1
153	BACN10JD104		. NUT, CASTELLATED (REPLS AN320-4)	A-X	1
153	BACN10JD104		. NUT, CASTELLATED (REPLS AN320-4) *[3]	YZ	1
153	BACN10JD4CD		. NUT, *[3]	YZ	1
154	AN960D416		. WASHER	A-X	1
154	AN960D416		. WASHER *[3]	YZ	1
154	AN960JD416		. WASHER *[3]	YZ	1
155	NAS1104-13D		. BOLT	A-X	1
155	NAS1104-13D		. BOLT *[3]	YZ	1
155	BACB30NR4DK13		. BOLT *[3]	YZ	1
156	MS24665-132		. PIN, COTTER (REPLS AN380-2-2)		2
157	BACN10JD105		. NUT, CASTELLATED (REPLS AN320-5)		2
158	AN960-516L		. WASHER		8
159	69-48008		. ROLLER ASSY (PREF)	A	2
159	BACB10BH59CF7		. BEARING, CAM FOLLOWER (OPT)*[3]	A	2

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
159	69-48008		. ROLLER ASSY	B-W	2
159	KRP139805VT		. BEARING, ROLLER (PREF)	XYZ	2
159	69-48008		. ROLLER, ASSY (OPT)	X	2
160	NAS516-1		. . FITTING, LUBRICATOR (USED ON 69-48008)		1
161	69-48008-1		. . STUD (USED ON 69-48008)		1
162	69-48008-2		. . ROLLER (USED ON 69-48008)		1
163	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W) (PRE SB 52-1094, R1, R2, R3)	A-V	4
163	BACN10YR3CD		. NUT (POST SB 52-1094, R1, R2, R3) *[11] *[14]	FHNRU	4
163	BACN10YR3CD		. NUT *[14]	W-Z	4
164	AN960D10		. WASHER (PRE SB 52-1094, R1, R2, R3)	A-V	4
164	AN960C10L		. WASHER (POST SB 52-1094, R1, R2, R3) *[11] *[14]	FHNRU	4
164	AN960C10L		. WASHER *[14]	W-Z	4
165	NAS1103-16		. BOLT (PRE SB 52-1094, R1, R2, R3)	A-V	4
165	BACB30NM3K17		. BOLT (POST SB 52-1094, R1, R2, R3) *[11] *[14]	FHNRU	4
165	BACB30NM3K17		. BOLT *[14]	W-Z	4
165	NAS464P3A16		. DELETED		
166	66-15332-1		. SPACER (30-3004 OPT)	B-H I-LN Q-SU-Z	AR
166	30-3004		. WASHER (OPT TO 66-15332-1)	B-H I-LN Q-SU-Z	AR
166	30-3004		. WASHER	AIMPT	AR
167	69-37418-2		. CRANK (90-10001-1 OPT) (PRE SB 52-1094, R1, R2, R3)	C	2
167	69-37418-2		. CRANK (69-37418-3 OPT) (PRE SB 52-1094, R1, R2, R3)	FH	2
167	69-37418-3		. CRANK (OPT TO 69-37418-2) (PRE SB 52-1094, R1, R2, R3)	FH	2
167	69-37418-3		. CRANK (90-10001-1 OPT) (PRE SB 52-1094, R1, R2, R3)	AIJK	2
167	69-37418-3		. CRANK (OPT TO 90-10001-1) *[3] (PRE SB 52-1094, R1, R2, R3)	BDEG	2
167	69-37418-3		. CRANK (69-37418-502 OPT) *[3] (PRE SB 52-1094, R1, R2, R3)	N	2
167	69-37418-5		. CRANK (69-37418-502 OPT) *[3] (PRE SB 52-1094, R1, R2, R3)	L	2
167	69-37418-9		. CRANK (OPT TO 69-37418-502) (PRE SB 52-1094, R1, R2, R3)	WX	4
167	69-37418-502		. CRANK *[3] *[14] (OPT TO 69-37418-10)	YZ	2
167	69-37418-10		. CRANK *[3] (OPT TO 69-37418-10)	YZ	2
167	69-37418-502		. CRANK (90-10001-1 OPT) *[3] (PRE SB 52-1094, R1, R2, R3)	G	2

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-167	69-37418-502		. CRANK (OPT TO 69-37418-5) *[3] (PRE SB 52-1094, R1, R2, R3)	LMNT	2
167	69-37418-502		. CRANK (OPT TO 69-37418-3) *[3] (PRE SB 52-1094, R1, R2, R3)	N	2
167	69-37418-502		. CRANK (PREF) (PRE SB 52-1094, R1, R2, R3)	W-Z	2
167	90-10001-1		. CRANK (OPT TO 69-37418-3) (PRE SB 52-1094, R1, R2, R3)	AIJK	2
167	90-10001-1		. CRANK (OPT TO 69-37418-2) *[3] (PRE SB 52-1094, R1, R2, R3)	C	2
167	90-10001-1		. CRANK (69-37418-3 OPT) *[3] (PRE SB 52-1094, R1, R2, R3)	BDEG	2
167	90-10001-1		. CRANK (OPT TO 69-37418-502) *[3] (PRE SB 52-1094, R1, R2, R3)	GMNT	2
167	90-10001-1		. CRANK (OPT TO 69-37418-502) (PRE SB 52-1094, R1, R2, R3)	P-SUV	2
168	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W)		4
169	AN960D10		. WASHER		4
170	BACB30LU3-4		. BOLT (REPLS NAS517-3-4)		3
171	BACB30NE3-4		. BOLT (REPLS AN3-5A)		1
172	BACB10A397 GCM22		. BEARING, PLAIN SPHERICAL		1
173	65-2048-2		. FITTING ASSY, CRANK SUPPORT		1
174	NAS516-1		. . FITTING, LUBRICATOR		1
175	65-2048-3		. . FITTING, SUPPORT		1
I 176	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W)		AR
177	AN960D10		. WASHER		AR
178	BACB30NE3-6		. BOLT (REPLS AN3-6A)		AR
178	BACB30LU3-4		. BOLT (REPLS NAS517-3-4)		3
179	BACB10A397 GCM2		. BEARING, PLAIN SPHERICAL		1
180	65-2047-8		. FITTING ASSY, CRANK SUPPORT	A-QS-V	1
180	65-2047-8		. FITTING ASSY, CRANK SUPPORT *[3]	RW	1
180	65-2047-14		. FITTING ASSY, CRANK SUPPORT *[3] (PREF)	RWX	1
180	65-2047-17		. FITTING ASSY, CRANK SUPPORT *[3] (PREF)	X	1
180	65-2047-17		. FITTING ASSY, CRANK SUPPORT (PREF) *[3]	YZ	1
180	65-2047-21		. FITTING ASSY, CRANK SUPPORT *[3]	YZ	1
180	65C34050-2		. FITTING ASSY, CRANK SUPPORT (OPT TO 65-2047-17) *[3]	YZ	1
180	65C34050-2		. FITTING ASSY, CRANK SUPPORT (OPT TO 65-2047-14,-17) *[3]	RWX	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-181	NAS516-1		. . FITTING, LUBRICATOR (USED ON 65-2047-8,-14,-17,-21)		1
181	NAS516-1A		. . FITTING, LUBRICATOR (USED ON 65C34050-2)		1
182	65-2047-10		. . FITTING, SUPPORT (USED ON 65-2047-8)		1
182	65-2047-16		. . FITTING, SUPPORT (USED ON 65-2047-14)		1
182	65-2047-18		. . FITTING, SUPPORT (USED ON 65-2047-17)		1
182	65-2047-22		. . FITTING, SUPPORT (USED ON 65-2047-21)		1
182	65C34050-4		. . FITTING, SUPPORT (USED ON 65C34050-2)		1
183	60-4406		. TUBE, TORQUE (PRE SB 52-1094, R1, R2, R3)	A-V	1
183	60-4406-11		. TUBE, TORQUE (POST SB 52-1094, R1, R2, R3) *[14]	FHNRU	1
183	60-4406-11		. TUBE, TORQUE *[14]	W-Z	1
183	60-4406-19		. TUBE, TORQUE (OPT TO 60-4406-11)	YZ	1
184	60-4431		. CRANK (PRE SB 52-1094, R1, R2, R3)	A-V	1
184	60-4431-1		. CRANK (POST SB 52-1094, R1, R2, R3) *[14]	FHNRU	1
184	60-4431-1		. CRANK *[14]	W-Z	1
185	60-4409		. CRANK (PRE SB 52-1094, R1, R2, R3)	A-V	1
185	60-4409-1		. CRANK (POST SB 52-1094, R1, R2, R3)	FHNRU	1
185	60-4409-1		. CRANK *[14]	W-Z	1
186	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W)		8
187	AN960D10L		. WASHER		8
188	BACB30NE3-1		. BOLT (REPLS AN3-3A)		8
189	BACB10A397 GCM2		. BEARING, PLAIN SPHERICAL		2
190	65-2306		. HOUSING ASSY, DOOR CAMSHAFT		2
191	NAS516-1		. . FITTING, LUBRICATOR		1
192	65-2306-1		. . HOUSING		1
193	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W) (PRE SB 52-1094, R1, R2, R3)	A-V	2
193	BACN10YR3CD		. NUT (POST SB 52-1094, R1, R2, R3) *[11] *[15]	FHNRU	2
193	BACN10YR3CD		. NUT *[15]	W-Z	2
194	AN960D10		. WASHER(PRE SB 52-1094, R1, R2, R3)	A-V	2
194	AN960C10L		. WASHER (POST SB 52-1094, R1, R2, R3) *[11] *[15]	FHNRU	2
194	AN960C10L		. WASHER *[15]	W-Z	2

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-195	NAS1103-18		. BOLT(PRE SB 52-1094, R1, R2, R3)	A-V	2
195	BACB30NM3K19		. BOLT (POST SB 52-1094, R1, R2, R3) *[11] [15]	FHNRU	2
195	BACB30NM3K19		. BOLT *[15]	W-Z	2
196	MS24665-134		. PIN, COTTER (REPLS AN380-2-3)	A-X	1
196	MS24665-134		. PIN, COTTER (REPLS AN380-2-3) *[3]	YZ	1
196	MS24665-153		. PIN, COTTER *[3]	YZ	1
197	BACN10JD104		. NUT, CASTELLATED (REPLS AN320-4)	A-X	1
197	BACN10JD104		. NUT, CASTELLATED (REPLS AN320-4) *[3]	YZ	1
197	BACN10JD4CD		. NUT *[3]	YZ	1
198	AN960D416		. WASHER	A-X	1
198	AN960D416		. WASHER *[3]	YZ	1
198	AN960XC416		. WASHER *[3]	YZ	1
199	NAS1104-13D		. BOLT	A-X	1
199	NAS1104-13D		. BOLT *[3]	YZ	1
199	BACB30NR4DK13		. BOLT *[3]	YZ	1
200	MS24665-132		. PIN, COTTER (REPLS AN380-2-2)		2
201	BACN10JD105		. NUT, CASTELLATED (REPLS AN320-5)		2
202	AN960-516L		. WASHER		8
203	69-48008		. ROLLER ASSY (PREF)	A	2
203	BACB10BH59CF7		. BEARING (OPT)	A	2
203	69-48008		. ROLLER ASSY	B-W	2
203	KRP139805VT		. BEARING, ROLLER (PREF)	XYZ	2
203	69-48008		. ROLLER ASSY (OPT)	X	2
204	NAS516-1		. . FITTING, LUBRICATOR (USED ON 69-48008)		1
205	69-48008-1		. . STUD (USED ON 69-48008)		1
206	69-48008-2		. . ROLLER (USED ON 69-48008)		1
207	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W) (PRE SB 52-1094, R1, R2, R3)	A-V	4
207	BACN10YR3CD		. NUT (POST SB 52-1094, R1, R2, R3) *[11] *[15]	FHNRU	4
207	BACN10YR3CD		. NUT *[15]	W-Z	4
208	AN960D10		. WASHER (PRE SB 52-1094, R1, R2, R3)	A-V	4
208	AN960C10L		. WASHER (POST SB 52-1094, R1, R2, R3) *[11] *[15]	FHNRU	4
208	AN960C10L		. WASHER *[15]	W-Z	4
209	NAS1103-16		. BOLT (PRE SB 52-1094, R1, R2, R3)	A-V	4
209	BACB30NM3K17		. BOLT (POST SB 52-1094, R1, R2, R3) *[11] *[15]	FHNRU	4
209	BACB30NM3K17		. BOLT *[15]	W-Z	4
210	66-15332-1		. SPACER (PREF)	B-H I-LN Q-SU-Z	AR

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-210	30-3004		. WASHER (OPT)	B-H I-LN Q-SU-Z	AR
210	30-3004		. WASHER	AIMPT	AR
211	69-37418-2		. CRANK (90-10001-1 OPT) (PRE SB 52-1094, R1, R2, R3)	C	2
211	69-37418-2		. CRANK (69-37418-3 OPT)(PRE SB 52-1094, R1, R2, R3)	FH	2
211	69-37418-3		. CRANK (OPT TO 69-37418-2)(PRE SB 52-1094, R1, R2, R3)	FH	2
211	69-37418-3		. CRANK (90-10001-1 OPT)(PRE SB 52-1094, R1, R2, R3)	AIJK	2
211	69-37418-3		. CRANK (OPT TO 90-10001-1) (PRE SB 52-1094, R1, R2, R3)*[3]	BDEG	2
211	69-37418-3		. CRANK (69-37418-502 OPT) (PRE SB 52-1094, R1, R2, R3)*[3]	N	2
211	69-37418-5		. CRANK (69-37418-502 OPT) (PRE SB 52-1094, R1, R2, R3)*[3]	L	2
211	69-37418-9		. CRANK (OPT TO 69-37418-502)(PRE SB 52-1094, R1, R2, R3)	WX	4
211	69-37418-10		. CRANK *[3]	YZ	2
211	69-37418-502		. CRANK (90-10001-1 OPT) *[3] *[15]	G	2
211	69-37418-502		. CRANK (OPT TO 69-37418-5) (PRE SB 52-1094, R1, R2, R3)*[3]	LMNT	2
211	69-37418-502		. CRANK (OPT TO 69-37418-3) (PRE SB 52-1094, R1, R2, R3)*[3]	N	2
211	69-37418-502		. CRANK (PREF)(PRE SB 52-1094, R1, R2, R3)	WX	2
211	69-37418-502		. CRANK *[3]	YZ	2
211	69-37418-502		. CRANK	A-X	2
211	90-10001-1		. CRANK (OPT TO 69-37418-3)(PRE SB 52-1094, R1, R2, R3)	AIJK	2
211	90-10001-1		. CRANK (OPT TO 69-37418-2) (PRE SB 52-1094, R1, R2, R3)*[3]	C	2
211	90-10001-1		. CRANK (69-37418-3 OPT) (PRE SB 52-1094, R1, R2, R3)*[3]	BDEG	2
211	90-10001-1		. CRANK (OPT TO 69-37418-502) *[3]	GMNT	2
211	90-10001-1		. CRANK (OPT TO 69-37418-502)	P-SUV	2
212	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W)		4
213	AN960D10		. WASHER		4
214	BACB30LU3-4		. BOLT (REPLS NAS517-3-4)		3
215	BACB30NE3-4		. BOLT (REPLS AN3-5A)		1
216	BACB10A397 GCM2		. BEARING, PLAIN SPHERICAL		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-217	65-2048-2		. FITTING ASSY, CRANK SUPPORT	A-X	1
217	65-2048-2		. FITTING ASSY, CRANK SUPPORT *[3]	YZ	1
217	141A6221-7		. FITTING ASSY, CRANK SUPPORT *[3]	YZ	1
218	NAS516-1		. . FITTING, LUBRICATOR (USED ON 65-2048-2)		1
218	NAS516-1A		. . FITTING, LUBRICATOR (USED ON 141A6221-7)		1
219	65-2048-3		. . FITTING, SUPPORT (USED ON 65-2048-2)		1
219	141A6221-8		. . FITTING, SUPPORT (USED ON 141A6221-7)		1
220	MS20470D5		. RIVET	A	1
220	BACR15BB6D		. RIVET	YZ	1
221	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W)		AR
222	AN960D10		. WASHER		AR
223	BACB30NE3-6		. BOLT (REPLS AN3-6A)		AR
224	BACB30LU3-4		. BOLT (REPLS NAS517-3-4)		2
225	BACB10A397 GCM2		. BEARING, PLAIN SPHERICAL		1
226	65-2047-7		. FITTING ASSY, CRANK SUPPORT	A-QS-V	1
226	65-2047-7		. FITTING ASSY, CRANK SUPPORT *[3]	RW	1
226	65-2047-13		. FITTING ASSY, CRANK SUPPORT *[3] (PREF)	RW	1
226	65C34050-1		. FITTING ASSY, CRANK SUPPORT (OPT TO 65-2047-13) *[3]	RW	1
226	65-2047-13		. FITTING ASSY, CRANK SUPPORT (PREF)	X	1
226	65C34050-1		. FITTING ASSY, CRANK SUPPORT (OPT TO 65-2047-13)	X	1
226	65-2047-19		. FITTING ASSY, CRANK SUPPORT	YZ	1
227	NAS516-1		. . FITTING, LUBRICATOR (USED ON 65-2047-7,-13)		1
227	NAS516-1A		. . FITTING, LUBRICATOR (USED ON 65-2047-19, 65C34050-1)		1
228	65-2047-9		. . FITTING, SUPPORT (USED ON 65-2047-7)		1
228	65-2047-15		. . FITTING, SUPPORT (USED ON 65-2047-13)		1
228	65-2047-20		. . FITTING, SUPPORT (USED ON 65-2047-19)		1
228	65C34050-3		. . FITTING, SUPPORT (USED ON 65C34050-1)		1
229	60-4406		. TUBE, TORQUE (PRE SB 52-1094, R1, R2, R3)	A-V	1
229	60-4406-11		. TUBE, TORQUE (POST SB 52-1094, R1, R2, R3) *[15]	FHNRU	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
229	60-4406-11		. TUBE, TORQUE *[15]	W-Z	1
230	90-7825-2		. CRANK	A-NS-V	1
230	90-7825-2		. CRANK *[3]	P-R	1
230	69-71372-1		. CRANK *[3] (PRE SB 52-1094, R1, R2, R3)	P-R	1
230	69-71372-3		. CRANK (POST SB 52-1094, R1, R2, R3) *[15]	FHNRU	1
230	69-71372-3		. CRANK *[15]	W-Z	1
231	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W)		4
232	AN960D10L		. WASHER		4
233	BACB30NE3-1		. BOLT (REPLS AN3-3A)		4
234	BACB10A397 GCM2		. BEARING, PLAIN SPHERICAL		1
235	65-2306		. HOUSING ASSY, DOOR CAMSHAFT		1
236	NAS516-1		. . FITTING, LUBRICATOR		1
237	65-2306-1		. . HOUSING		1
238	NAS1104-11		. BOLT	A-X	2
238	NAS464PA11		. DELETED		
238	NAS1104-11		. BOLT *[3]	YZ	2
238	BACB30NR4K12		. BOLT *[3]	YZ	2
239	AN960D416		. WASHER	A-X	2
239	AN960D416		. WASHER *[3]	YZ	2
239	AN960JD416		. WASHER *[3]	YZ	2
240	65-28925-3		. ROD ASSY, CONTROL (PREF)	A	1
240	90-7823-2		. ROD ASSY, DOOR MECHANISM CONTROL (OPT)	A	1
240	65-28925-3		. ROD ASSY, CONTROL	B-PS-V	1
240	65-28925-3		. ROD ASSY, CONTROL *[3]	QR	1
240	65-28925-69		. ROD ASSY, CONTROL *[3]	QR	1
240	65-28925-69		. ROD ASSY, CONTROL	WXYZ	1
241	BACR15BB5D		. . RIVET, UNIVERSAL HEAD (USED ON 90-7823-2)(REPLS MS20470D5)		4
241	BACR15BB3D		. . RIVET (REPLS MS20470D3) (USED ON 65-28925-3,-69)		1
242	BACB10A187L		. . BEARING, ROD END (USED ON 65-28925-3,-69)		1
242	BACB10A187M2L		. . BEARING (USED ON 90-7823-2)		1
242A	BACB10A187L		. . BEARING, ROD END (USED ON 65-28925-3)		1
242A	BACB10A187M2L		. . BEARING, ROD END (USED ON 90-7823-2)		1
242A	BACB10Y4		. . BEARING, ROD END (USED ON 65-28925-69)		1
243	AN316-5R		. . NUT (USED ON 65-28925-3,-69)		2
243	AN316-5R		. . NUT (USED ON 90-7823-2)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
244	30-3008		. . ADAPTER (USED ON 90-7823-2)		1
245	30-3008-1		. . ADAPTER (USED ON 90-7823-2)		1
246	60-4454		. . ROD (USED ON 90-7823-2)		1
246	65-28925-15		. . ROD (USED ON 65-28925-3,-69)		1
247	65-28925-4		. ROD ASSY, CONTROL (PREF)	A	1
247	90-7823-3		. ROD ASSY, DOOR MECHANISM CONTROL (OPT)	A	1
247	65-28925-4		. ROD ASSY, CONTROL	B-P S-V	1
247	65-28925-4		. ROD ASSY, CONTROL *[3]	QR	1
247	65-28925-70		. ROD ASSY, CONTROL *[3]	QR	1
247	65-28925-70		. ROD ASSY, CONTROL	WXYZ	1
248	BACR15BB5D		. . RIVET (REPLS MS20470D5) (USED ON 90-7823-3)		4
248	BACR15BB3D		. . RIVET (REPLS MS20470D3) (USED ON 65-28925-4,-70)		1
249	BACB10A187L		. . BEARING, ROD END (USED ON 65-28925-4,-70)		1
249	BACB10A187M2L		. . BEARING, ROD END (USED ON 90-7823-3)		1
249A	BACB10A187L		. . BEARING, ROD END (USED ON 65-28925-4)		1
249A	BACB10Y4		. . BEARING, ROD END (USED ON 65-28925-70)		1
249A	BACB10A187M2L		. . BEARING, ROD END (USED ON 90-7823-3)		1
250	AN316-5R		. . NUT (USED ON 90-7823-3)		1
250	AN316-5R		. . NUT (USED ON 65-28925-4,-70)		2
251	30-3008		. . ADAPTER (USED ON 90-7823-3)		1
252	30-3008-1		. . ADAPTER (USED ON 90-7823-3)		1
253	65-28925-16		. . ROD (USED ON 65-28925-4,-70)		1
253	60-4454-1		. . ROD (USED ON 90-7823)		1
253A	MS24665-136		. PIN, COTTER *[8]	A-V	8
254	BACN10JC4		. NUT (REPLS NAS679A4W)	A-V	8
254	BACN10JC4		. NUT (SB 3105, 52-83 OR 52-1044)	A-V	4
254	BACN10YR4CD		. NUT (SB 52-1094) *[11]	FHNRU	8
254	BACN10YR4CD		. NUT	W-Z	8
254A	BACN10JD5		. NUT (REPLS AN310-5)*[8]	A-V	8
254A	BACN10JD5		. NUT (REPLS AN310-5)(SB 3105, 52-83, OR 52-1044)	A-V	4
254B	BACN10JC5		. NUT (SB 3105, 52-83 OR 52-1044)	A-V	4
255	AN960D416		. WASHER *[3]	A-V	8
255	AN960D416		. WASHER (SB 3105, 52-83 OR 52-1044) *[3]	A-V	4
255	AN960C416L		. WASHER (SB 52-1094) *[11]	FHNRU	8
255	AN960C416L		. WASHER	W-Z	8

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
255A	AN960D516		. WASHER *[8]	A-V	8
256	NAS1104-26		. BOLT (REPLS NAS1104-26W)	A-V	8
256	BACB30NM4K26		. BOLT (SB 52-1094) *[11]	FHNRU	8
256	BACB30NM4K26		. BOLT	W-Z	8
256A	BACB30NE5D26		. BOLT (REPLS NAS1305-26D) *[8]	A-V	8
256B	BACB30NE5-26Y		. BOLT (SB 3105, 52-83, OR 52-1044) (REPLS NAS3005-26)	A-V	4
257	60-4365		. SLEEVE, COUPLING (PRE SB 52-1094, R1, R2, R3)	A-NST	2
257	60-4365		. SLEEVE, COUPLING (PRE SB 52-1094, R1, R2, R3)*[3]	PQU	2
257	60-4365-1		. SLEEVE COUPLING (PRE SB 52-1094, R1, R2, R3)*[3]	PQU	2
257	60-4365-1		. SLEEVE, COUPLING (PRE SB 52-1094, R1, R2, R3)	RV	2
257	60-4365-3		. SLEEVE, COUPLING (PRE SB 52-1094, R1, R2, R3)	FHNRU	2
257	60-4365-3		. SLEEVE, COUPLING (PRE SB 52-1094, R1, R2, R3)	WX	2
257	60-4365-3		. SLEEVE, COUPLING *[3]	YZ	2
257	65C37150-1		. SLEEVE, COUPLING *[3] *[16] *[17]	YZ	2
257	65C37150-1		. SLEEVE, COUPLING (POST SB 52-1094) *[16]	A-V	2
258	MS24665-135		. PIN, COTTER (REPLS AN380-2-4)		2
259	BACN10JD105		. NUT, CASTELLATED (REPLS AN320-5)		2
260	AN960D516		. WASHER		4
261	BACS11W5		. WASHER (USED WITH NAS1105-54D)		4
262	NAS1105-13D		. BOLT (USED WITH ITEMS 285, 298, 69-22323-1,-2,-5,-6,-9,-10)		2
263	NAS1105-54D		. BOLT (USED WITH ITEMS 285, 298, 50-9318-2,-11)		2
264	NAS1105-13W		DELETED		
265	65-29994-1		. ARM ASSY, GUIDE (REF 52-17-01) (SB 52-35) *[3]	CDE	1
265	65-29994-2		. ARM ASSY, GUIDE (REF 52-17-01) (SB 52-35) *[3]	C-N	1
265	65-29994-4		. ARM ASSY, GUIDE (REF 52-17-01) *[3]	GL	1
265	65-29994-5		. ARM ASSY, GUIDE (REF 52-17-01) *[3]	L-V	1
265	65-29994-6		. ARM ASSY, GUIDE (REF 52-17-01) *[3]	NRUV	1
265	65-29994-7		. ARM ASSY, GUIDE (REF 52-17-01) *[3]	NRUVX	1
265	65-29994-501		. ARM ASSY, GUIDE (REF 52-17-01) *[3]	NRUV	1
265	65-29994-7		. ARM ASSY, GUIDE (REF 52-17-01)	W	1
265	65-29994-11		. ARM ASSY, GUIDE (REF 52-17-01)*[3]	X	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
265	65-29994-13		. ARM ASSY, GUIDE (REF 52-17-01)*[3]	X	1
265	65-29994-13		. ARM ASSY, GUIDE (REF 52-17-01)	YZ	1
265	69-5338-4		. ARM ASSY, GUIDE (REF 52-17-01) (SB 2465)	A	1
265	69-5338-5		. ARM ASSY, GUIDE (REF 52-17-01) (SB 52-35) *[3]	AB	1
265	69-5338-6		. ARM ASSY, GUIDE (REF 52-17-01) (SB'S 2465, 52-35) *[3]	AB	1
266	90-10072-2		. SNUBBER ASSY (REF 52-11-02)(PREF) *[3]	A-G	1
266	90-10072-1		. SNUBBER ASSY (REF 52-11-02)(PREF TO 90-10072)(OPT TO 90-10072-2) *[3]	A-G	1
266	90-10072		. SNUBBER ASSY (REF 52-11-02) (OPT TO 90-10072-1,-2) *[3]	A	1
266	90-10072-2		. SNUBBER ASSY (REF 52-11-02)	H-Z	1
267	BACB30NF4-27		. BOLT (USED WITH 50-8294-15,-18)	A	4
267	BACB30NE4-24		. BOLT (REPLS NAS1304-24)(PREF)		4
267	MS20004-24		. BOLT (OPT TO BACB30NE4-24)		4
268	AN960PD416L		. WASHER (USED WITH 50-8294-15,-18)	A	4
268	MS20002C4		. WASHER		4
269	BACN10HC4		. NUT (USED WITH 50-8294-15,-18)	A	4
269	BACN10EU4		. NUT, SELF-LOCKING FLOATING BARREL	AB	4
269	NAS577-4A		. NUT, SELF-LOCKING FLOATING BARREL (REPLS NAS577-4F)	C-Z	4
270	BACR10V4		. RETAINER (USED WITH 50-8294-15, -18) *[3]	A	4
270	2552-048RET		. RETAINER, FLOATING BARREL NUT, V72962 *[3]	AB	4
270	NAS578-4B		. RETAINER, FLOATING BARREL NUT	C-Z	4
271	60-4474-7		. CLIP *[3]	A	1
271	60-4474-7		. CLIP	B-HJ-P S-V	1
271	60-4474-7		. CLIP (OPT TO 60-4474-19)	QRW-Z	1
271	60-4474-9		. CLIP *[3]	A	1
271	60-4474-9		. CLIP	I	1
271	60-4474-19		. CLIP (PREF)	QRW-X	1
271	60-4474-19		. CLIP (PREF) *[3]	YZ	1
271	65C37361-1		. CLIP *[3]	YZ	1
271A	60-4474-8		. CLIP	A	1
271A	60-4474-8		. CLIP	B-HJ-P S-V	1
271A	60-4474-8		. CLIP (OPT TO 60-4474-20)	QRW-X	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
271A	60-4474-10		. CLIP *[3]	A	1
271A	60-4474-10		. CLIP	I	1
271A	60-4474-20		. CLIP (PREF)	QRW-Z	1
271A	60-4474-20		. CLIP (PREF) *[3]	YZ	1
271A	65C37361-2		. CLIP *[3]	YZ	1
271A	65C37361-7		. CLIP *[3]	YZ	1
272	AN6227-15		. PACKING, O-RING (REPLS AN6227-15)		2
273	60-4364		. PIN, HINGE *[3]	ABIMPT	2
273	60-4364-1		. PIN, HINGE *[3] (PRE SB 52-1094, R1, R2, R3)	B-NQS	2
273	60-4364-1		. PIN, HINGE (REPLS 60-4364 PER SB 3105, 52-83 OR 52-1044) (PRE SB 52-1094, R1, R2, R3)		2
273	60-4364-2		. PIN, HINGE *[3] (PRE SB 52-1094, R1, R2, R3)	QRU	2
273	60-4364-2		. PIN, HINGE (PRE SB 52-1094, R1, R2, R3)	V	2
273	60-4364-3		. PIN, HINGE (PRE SB 52-1094, R1, R2, R3)*[3]	P	2
273	60-4364-4		. PIN, HINGE (POST SB 52-1094)	FHNRU	2
273	60-4364-4		. PIN, HINGE	WX	2
273A	60-4364-4		. PIN, HINGE *[3]	YZ	1
273A	65C37130-2		. PIN, HINGE *[3] *[16] *[17]	YZ	1
273B	60-4364-4		. PIN, HINGE *[3]	YZ	1
273B	65C37130-1		. PIN, HINGE ASSY *[3]*[13] *[16] *[17]	YZ	1
274	65-29995-1		. ARM, UPPER HINGE	C-I	1
274	65-86784-1		. ARM, UPPER HINGE	J-W	1
274	65-85986-1		. ARM, UPPER HINGE (OPT)	J-W	1
274	65-85986-1		. ARM, UPPER HINGE (REPLS 65-29995-1 PER SB 3105, 52-83 OR 52-1044)	C-I	1
274	50-8294-15		. HINGE ARM ASSY (PREF TO 50-8294-5)	A	1
274	50-8294-5		. ARM ASSY, UPPER HINGE (OPT TO 50-8294-15)	AB	1
274	65-86784-1		. ARM, UPPER HINGE *[3] (PREF)	X	1
274	65-85986-1		. ARM, UPPER HINGE *[3](OPT TO 65-86784-1)	X	1
274	65-86784-5		. ARM, UPPER HINGE *[3](OPT TO 65-86784-1)	X	1
274	65-86784-9		. ARM ASSY, UPPER HINGE *[3]	X	1
274	65-86784-9		. ARM ASSY, UPPER HINGE	YZ	1
274	65-86784-14		. ARM ASSY, UPPER HINGE *[3] *[16] *[17]	YZ	1
275	NAS516-1		. . FITTING, LUBRICATOR (USED ON 50-8294-5,-15)		1
275G	BACR15CE5D		. . RIVET (USED ON 65-86784-9, -14)		2
275G	BACR15FT5D		. . RIVET (USED ON 65-86784-14)		2

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
275H	69-78705-1		. . CLIP (USED ON 65-86784-9, -14)		1
276	NAS77A7-32		. . BUSHING (USED ON 50-8294-5,-15)		2
276A	65-86784-11		. . FILLER (USED ON 65-86784-9, -14)		1
277	50-8294-11		. . ARM, HINGE (USED ON 50-8294-5)		1
277	50-8294-19		. . ARM, HINGE (USED ON 50-8294-15)	A	1
277	65-86784-10		. . ARM, HINGE (USED ON 65-86784-9)		1
277	65-86784-12		. . ARM, HINGE (USED ON 65-86784-14)		1
278	65-29995-2		. ARM, LOWER HINGE	C-I	1
278	65-86784-2		. ARM, LOWER HINGE	J-W	1
278	65-85986-2		. ARM, LOWER HINGE (OPT TO 65-86784-2)	J-W	1
278	65-85986-2		. ARM, LOWER HINGE (REPLS 65-86784-2 PER SB 3105, 52-83 OR 52-1044)		1
278	50-8294-18		. HINGE ARM ASSY (PREF TO 50-8294-10)	A	1
278	50-8294-10		. ARM ASSY, LOWER HINGE (OPT TO 50-8294-18)	AB	1
278	65-86784-2		. ARM, LOWER HINGE *[3](PREF)	X	1
278	65-85986-2		. ARM, LOWER HINGE *[3](OPT TO 65-86784-2)	X	1
278	65-86784-6		. ARM, LOWER HINGE *[3](OPT TO 65-86784-2)	X	1
278	65-86784-7		. ARM, LOWER HINGE *[3]	X	1
278	65-86784-7		. ARM, LOWER HINGE *[3]	YZ	1
278	65-86784-15		. ARM, LOWER HINGE *[3] *[16] *[17]	YZ	1
279	NAS516-1		. . FITTING, LUBRICATOR (USED ON 50-8294-10,-18)		1
279G	BACR15CE5D		. . RIVET (USED ON 65-86784-7)		2
279G	BACR15FT5D		. . RIVET (USED ON 65-86784-15)		2
279H	69-78705-2		. . CLIP (USED ON 65-86784-7, -15)		1
280	NAS77A7-32		. . BUSHING (USED ON 50-8294-10,-18)		2
280A	65-86784-11		. . FILLER (USED ON 65-86784-7, -15)		1
281	50-8294-14		. . ARM, HINGE (USED ON 50-8294-10)		1
281	50-8294-22		. . ARM, HINGE (USED ON 50-8294-18)	A	1
281	65-86784-8		. . ARM, HINGE (USED ON 65-86784-7)		1
281	65-86784-13		. . ARM, HINGE (USED ON 65-86784-15)		1
282	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W)		30
283	AN960D10		. WASHER		30
284	BACB30NE3-4		. BOLT (REPLS AN3-5A)		30
285	69-22323-1		. SUPPORT ASSY, UPPER HINGE *[3]	B	1
285	69-22323-9		. SUPPORT ASSY, UPPER HINGE *[3]	ABC	1
285	69-22323-9		. SUPPORT ASSY, UPPER HINGE	D-Z	1
285	69-22323-5		. SUPPORT ASSY, UPPER HINGE (PREF TO 50-9318-11) *[3]	ABC	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
285	50-9318-11		. SUPPORT ASSY, UPPER HINGE (OPT TO 69-922323-5) *[3]	A	1
286	NAS76A10-021		. . BUSHING (USED ON 50-9318-11)		1
287	NAS76A16-014		. . BUSHING (USED ON 50-9318-11)		1
287A	50-9318-9		. . SUPPORT, HINGE (USED ON 50-9318-11)		1
288	NAS1104-8		. . BOLT (USED ON 69-22323-1,-5,-9) (REPLS NAS1104-8W)		4
289	66-15493-1		. . FITTING, ATTACH (USED ON 69-22323-1,-5)		1
289	66-24884-1		. . FITTING, ATTACH (USED ON 69-22323-9)		1
290	BACR15BA3D		. . RIVET, FLATHEAD (REPLS MS20426D3)		8
291	BACN10KB4		. . NUTPLATE, SELF-LOCKING (REPLS NAS682A4)		4
292	69-22323-3		. . SUPPORT ASSY, HINGE (USED ON 69-22323-1)		1
292	69-22323-7		. . SUPPORT ASSY, HINGE (USED ON 69-22323-5,-9)		1
293	NAS516-1		. . . FITTING, LUBRICATOR		1
294	65-25838-3		. . . SUPPORT ASSY, HINGE		1
295	NAS537B10-066		. . . . BUSHING		1
296	NAS537B16-044		. . . . BUSHING		1
297	65-25838-7		. . . . SUPPORT, UPPER HINGE		1
298	69-22323-2		. SUPPORT ASSY, LOWER HINGE *[3]	B	1
298	69-22323-6		. SUPPORT ASSY, LOWER HINGE (PREF TO 50-9318-2) *[3]	ABC	1
298	69-22323-10		. SUPPORT ASSY, HINGE *[3]	ABC	1
298	69-22323-10		. SUPPORT ASSY, LOWER HINGE	D-X	1
298	69-22323-10		. SUPPORT ASSY, LOWER HINGE *[3]	YZ	1
298	69-22323-15		. SUPPORT ASSY, LOWER HINGE *[3]	YZ	1
298	50-9318-2		. SUPPORT ASSY, LOWER HINGE (OPT TO 69-22323-6) *[3]	A	1
298A	NAS76A16-014		. . BUSHING (USED ON 50-9318-2)		1
298B	NAS76A10-021		. . BUSHING (USED ON 50-9318-2)		1
298C	50-9318-6		. . HINGE SUPPORT (USED ON 50-9318-2)		1
299	NAS1104-8W		. . BOLT		4
300	66-15493-1		. . FITTING, ATTACH (USED ON 69-22323-2,-6)		1
300	66-24884-1		. . ATTACH FITTING (USED ON 69-22323-10, -15)		1
301	MS20426D3		. . RIVET, FLATHEAD		8

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-302	BACN10KB4		. . NUTPLATE, SELF-LOCKING (USED ON 69-22323-2,-6,-10)(REPLS NAS682A4)		4
303	69-22323-4		. . SUPPORT ASSY, HINGE (USED ON 69-22323-2)		1
303	69-22323-8		. . SUPPORT ASSY, HINGE (USED ON 69-22323-6,-10)		1
303	69-22323-16		. . SUPPORT ASSY, HINGE (USED ON 69-22323-15)		1
304	NAS516-1		. . . FITTING, LUBRICATOR		1
305	65-25838-4		. . . SUPPORT ASSY, HINGE		1
306	NAS537B10-066		. . . . BUSHING		1
307	NAS537B16-044		. . . . BUSHING		1
308	65-25838-8		. . . . SUPPORT, HINGE		1
309	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W)	A-NS-U	16
309A	BACN10JC3		. NUT	P-RV-X	8
309A	BACN10YR3CD		. NUT	YZ	8
309B	BACN10JR3F		. NUT	P-RV-X	8
309B	BACN10JR3CFD		. NUT	YZ	8
310	AN960D10		. WASHER		16
311	NAS1103-3		. BOLT (REPLS NAS1103-3W)	A-NS-U	3
311	BACB30NE3-3		. BOLT	P-RV-X	3
311	BACB30NM3K3		. BOLT	YZ	3
312	NAS1103-4		. BOLT (REPLS NAS1103-4W)	A-NS-U	8
312A	BACB30NE3-4		. BOLT	P-RV-X	6
312A	BACB30NM3K4		. BOLT	YZ	6
312B	BACB30NE3-5		. BOLT	P-RV-X	2
312B	BACB30NM3K5		. BOLT	YZ	2
313	NAS1103-5		. BOLT (REPLS NAS1103-5W)	A-NS-U	1
313	BACB30NE3-5		. BOLT	P-RV-X	1
313	BACB30NM3K5		. BOLT	YZ	1
314	BACB30ABP3-3A		. BOLT, FLATHEAD	A-NS-U	2
314	BACB30LU3-3		. BOLT	P-RV-X	2
314	BACB30NN3K3		. BOLT	YZ	2
315	BACB30ABP3-4A		. BOLT, FLATHEAD	A-NS-U	2
315	BACB30LU3-3		. BOLT	P-RV-X	2
315	BACB30NN3K3		. BOLT	YZ	2
316	60-4481-1		. ANGLE	A-X	1
316	60-4481-1		. ANGLE *[3]	YZ	1
316	60-4481-3		. ANGLE *[3]	YZ	1
317	60-4482-I		. CHANNEL		1
318	BACN10JC3		. NUT (REPLS NAS679A3W)	A-NS-U	18

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
318A	BACN10JC3		. NUT	P-RV-X	10
318A	BACN10YR3CD		. NUT	YZ	10
318B	BACN10JC3		. NUT	P-RV-X	2
318B	BACN10JR3CFD		. NUT	YZ	2
318C	BACN10JR3F		. NUT (USED WITH ITEM 321A)	P-RV-X	6
318C	BACN10JR3CFD		. NUT (USED WITH ITEM 321A)	YZ	6
319	AN960D10		. WASHER		18
320	NAS1103-3		. BOLT (REPLS NAS1103-3W)	A-NS-U	3
320	BACB30NE3-3		. BOLT	P-RV-X	3
320	BACB30NM3K3		. BOLT	YZ	3
321	NAS1103-4		. BOLT (REPLS NAS1103-4W)	A-NS-U	8
321A	BACB30NE3-4		. BOLT	P-RV-X	6
321A	BACB30NM3K4		. BOLT	YZ	6
321B	BACB30NE3-5		. BOLT	P-RV-X	2
321B	BACB30NM3K5		. BOLT	YZ	2
322	NAS1103-5		. BOLT (REPLS NAS1103-5W)	A-NS-U	1
322	BACB30NE3-5		. BOLT	P-RV-X	1
322	BACB30NM3K5		. BOLT	YZ	1
323	BACB30ABP3-3A		. BOLT, FLATHEAD	A-NS-U	3
323	BACB30LU3-3		. BOLT	P-RV-X	3
323	BACB30NN3K3		. BOLT	YZ	3
324	BACB30ABP3-4A		. BOLT, FLATHEAD	A-NS-U	3
324	BACB30LU3-3		. BOLT	P-RV-X	3
324	BACB30NN3K3		. BOLT	YZ	3
325	60-4481-2		. ANGLE		1
326	60-4482-2		. CHANNEL		1
327			. STRUCTURE, FORWARD ENTRY DOOR INSTALLATION PARTS		1
328	69V10016-1		SYSTEM INSTL, KEY LOCK *[3] (FIG. 1103)		1
328	69V10016-2		SYSTEM INSTL, KEY LOCK *[3] (FIG. 1103)		1
328	65C15976-10		LOCK INSTL, FORWARD ENTRY DOOR *[3] (FIG. 1103)		1
328	65C19113-10		LOCK INSTL, FORWARD ENTRY DOOR *[3] (FIG. 1103)		1

*[1] RETAINER, P/N 90-7826-13 (1, FIG. 1101) MUST BE USED WITH CAM, P/N 65-51687-1 (16, FIG. 1102)

*[2] USE WITH GUIDE, P/N 66-10363, AND WITH BEARING, P/N BACB10BH59CF7

*[3] LIMITED USE

*[4] USE SPRING (46) WITH PIN (47), P/N 66-12687-1

*[5] LIMITED USE; USE PIN (47), P/N 30-30002 WITH FITTING ASSEMBLIES, P/N 50-9758, 50-9759, 65-2122, 69-1948-2, 69-1949-2, 90-7804-1, -2, 90-7805, 90-7807-1 , -2, 90-7808 , AND ON ASSY'S *[6] WHERE SHOWN AS OPT TO 66-24075

*[6] LIMITED USE; USE PIN (47), P/N 66-24075 WITH FITTING ASSEMBLIES, P/N 50-9758, 50-9758-5, 50-9759, 50-9759-6, 65-2122, 65-2122-3, 69-1948-2 AND -4, 69-1949-4, 90-7804-5, -6, 90-7805-2, 90-7807-5, -6 AND 90-7808-2

*[7] LIMITED USE; USED IF REQUIRED AT TIME OF FINAL ADJUSTMENT OF DOOR IF EXISTING PIN, P/N 66-24075 IS TOO SHORT

*[8] LIMITED USE; USE COTTER PIN (253A) WITH NUT (254A), WASHER (255A) AND BOLT (256A)

*[9] NO BOEING PART NUMBER ASSIGNED

*[10] USE PIN (47), P/N 66-12687-1 WITH SPRING (46) IN THIS STOP ASSEMBLY

*[11] NOT USED ON ALL POST SERVICE BULLETIN CONFIGURATIONS

*[12] INSTALL MS20002C5 WASHER ON THE NUT SIDE OR THE BOLT HEAD SIDE OF THE ROLLER FITTING TO GET THE CORRECT CLEARANCE BETWEEN THE CENTERING GUIDE AND THE CENTERING TRACK AND TO PREVENT THE OVER ENGAGEMENT OF THREAD

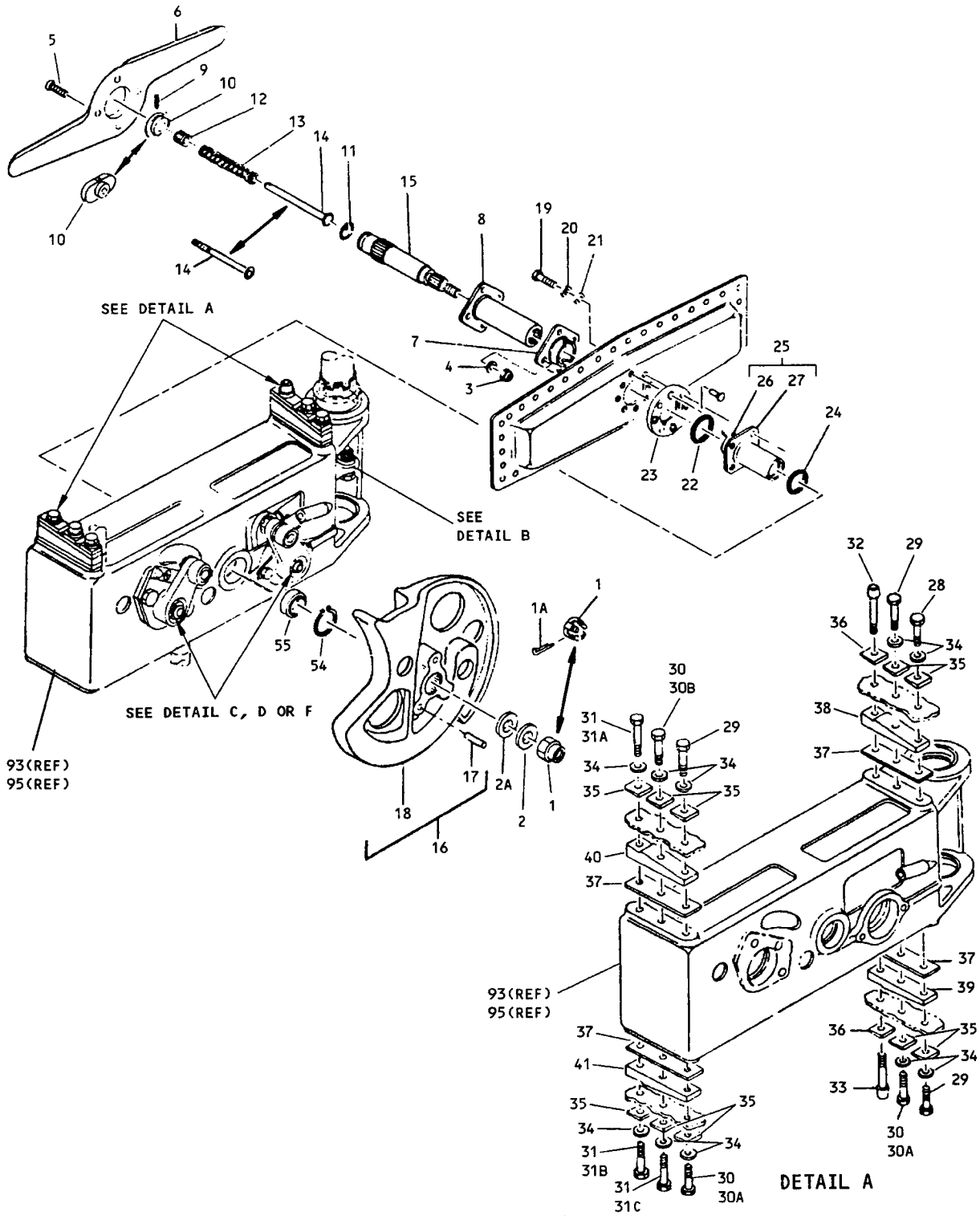
*[13] HINGE PIN ASSEMBLY (273B, 65C37130-1) IS THE SAME AS HINGE PIN (273A, 65C37130-2) BUT WITH BMS 5-125, TYPE II POTTING COMPOUND ADDED TO THE RECESS AT THE END OF THE PIN. THE POTTING COMPOUND MUST BE FLUSH WITH THE END OF THE PIN WITHIN PLUS OR MINUS 0.06 INCH

*[14] UPPER LATCH ASSY KIT 65C33403-33 CONSISTS OF THE FOLLOWING FROM FIG. 1101: TORQUE TUBE 60-4406-11; CRANKS 60-4409-1, 60-4431-1, 69-37418-502; WASHERS AN96010L; BOLTS BACB30NM3K17, BACB30NM3K19; NUT BACN10YR3CD.

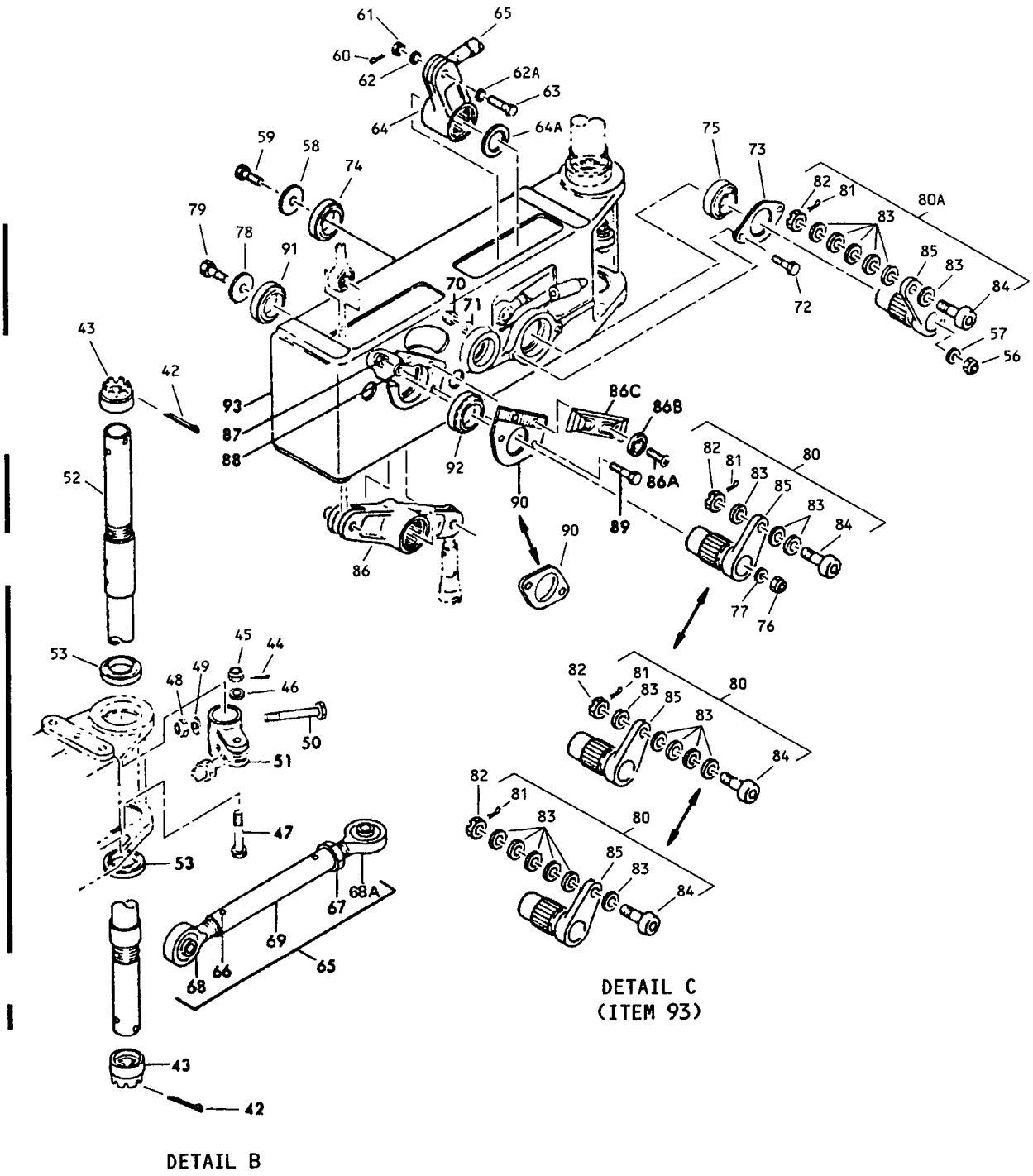
*[15] LOWER LATCH ASSY KIT 65C33403-37 CONSISTS OF THE FOLLOWING FROM FIG. 1101: TORQUE TUBE 60-4406-11; CRANKS 69-37418-502, 69-71372-3; WASHERS AN960C10L; BOLTS BACB30NM3K17, BACB30NM3K19; NUT BACN10YR3CD.

*[16] THE 65C37782-1 HINGE ASSEMBLY IS USED ON THE TOP ASSEMBLY 50-7945-299 AND CONSISTS OF COMPONENTS CONTAINED IN THE BODY SIDE TORQUE TUBE BUILDUP *OHM 52-46-11 AND THE FORWARD ENTRY DOOR ASSEMBLY OHM 52-16-01.*

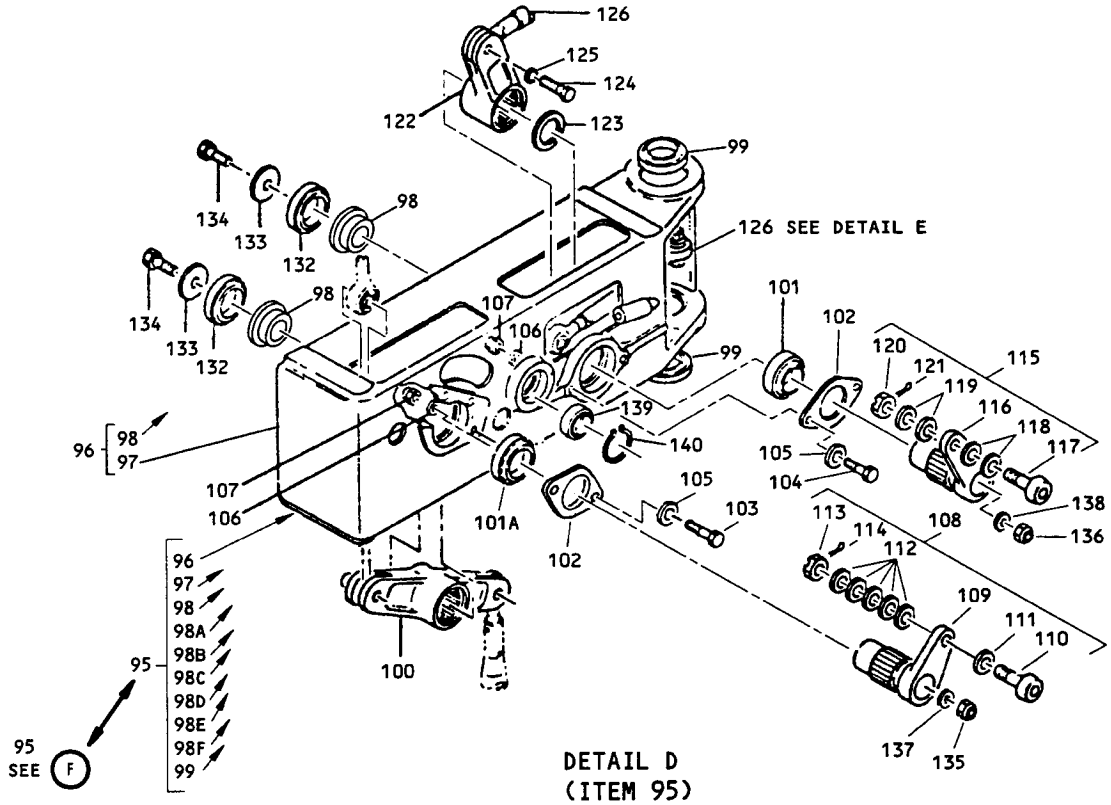
*[17] THE 65C37782-2 HINGE ASSEMBLY IS USED ON THE TOP ASSEMBLY 50-7945-309 AND CONSISTS OF FORWARD ENTRY DOOR COMPONENTS CONTAINED IN OHM 52-16-01.



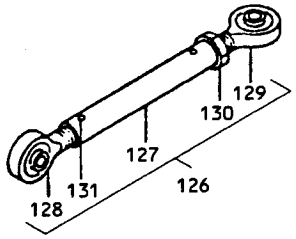
Forward Entry Door Handle Mechanism
Figure 1102 (Sheet 1)



Forward Entry Door Handle Mechanism
Figure 1102 (Sheet 2)

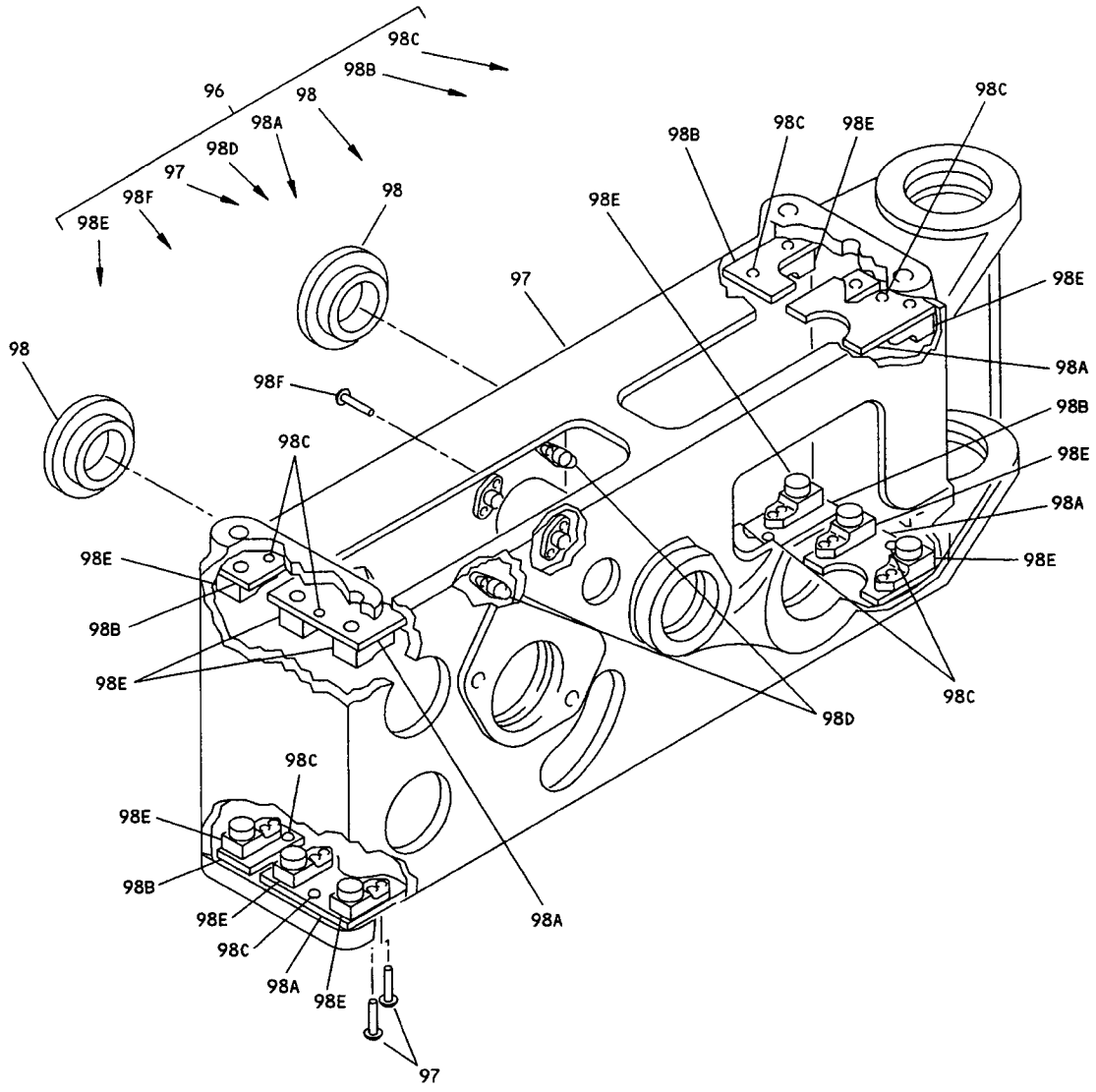


DETAIL D
(ITEM 95)



DETAIL E

Forward Entry Door Handle Mechanism
Figure 1102 (Sheet 3)



(F)

65C36625-1,-4

Forward Entry Door Handle Mechanism
Figure 1102 (Sheet 4)

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1102-					
	50-7945-1		FWD ENTRY DOOR ASSY (HANDLE MECH)	A	RF
	50-7945-88		FWD ENTRY DOOR ASSY (HANDLE MECH)	B	RF
	50-7945-90		FWD ENTRY DOOR ASSY (HANDLE MECH)	C	RF
	50-7945-93		FWD ENTRY DOOR ASSY (HANDLE MECH)	D	RF
	50-7945-95		FWD ENTRY DOOR ASSY (HANDLE MECH)	E	RF
	50-7945-105		FWD ENTRY DOOR ASSY (HANDLE MECH)	F	RF
	50-7945-114		FWD ENTRY DOOR ASSY (HANDLE MECH)	G	RF
	50-7945-119		FWD ENTRY DOOR ASSY (HANDLE MECH)	H	RF
	50-7945-125		FWD ENTRY DOOR ASSY (HANDLE MECH)	I	RF
	50-7945-150		FWD ENTRY DOOR ASSY (HANDLE MECH)	J	RF
	50-7945-151		FWD ENTRY DOOR ASSY (HANDLE MECH)	K	RF
	50-7945-152		FWD ENTRY DOOR ASSY (HANDLE MECH)	L	RF
	50-7945-153		FWD ENTRY DOOR ASSY (HANDLE MECH)	M	RF
	50-7945-155		FWD ENTRY DOOR ASSY (HANDLE MECH)	N	RF
	50-7945-176		FWD ENTRY DOOR ASSY (HANDLE MECH)	P	RF
	50-7945-177		FWD ENTRY DOOR ASSY (HANDLE MECH)	Q	RF
	50-7945-178		FWD ENTRY DOOR ASSY (HANDLE MECH)	R	RF
	50-7945-194		FWD ENTRY DOOR ASSY (HANDLE MECH)	S	RF
	50-7945-195		FWD ENTRY DOOR ASSY (HANDLE MECH)	T	RF
	50-7945-196		FWD ENTRY DOOR ASSY (HANDLE MECH)	U	RF
	50-7945-197		FWD ENTRY DOOR ASSY (HANDLE MECH)	V	RF
	50-7945-264		FWD ENTRY DOOR ASSY (HANDLE MECH)	W	RF
	50-7945-272		FWD ENTRY DOOR ASSY (HANDLE MECH)	X	RF
	50-7945-299		FWD ENTRY DOOR ASSY (HANDLE MECH)	Y	RF
	50-7945-309		FWD ENTRY DOOR ASSY (HANDLE MECH)	Z	RF
1	BACN10JD6		. NUT, CASTELLATED (PREF)		1
1	BACN10JC6		. NUT, SELF-LOCKING (REPLS NAS679A6) (OPT)		1
1A	MS24665-300		. PIN, COTTER (USED WITH BACN10JD6)		1
2	AN960D10		. WASHER	A-X	AR
2	AN960JD10		. WASHER	YZ	AR
2A	63-9386		. WASHER		1
3	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W)	A-X	4
3	BACN10YR3CD		. NUT	YZ	4
4	AN960D10		. WASHER	A-X	4
4	AN960JD10		. WASHER	YZ	4
5	BACB30LH3-7		. SCREW (REPLS NAS517-3-7, BACB30LU3-7)		4
6	90-7879		. HANDLE, OUTER	A-X	1
6	90-7879		. HANDLE, OUTER *[1]	YZ	1
6	90-7879-5		. HANDLE, OUTER *[1]	YZ	1
7	90-7811		. CAM		1
8	90-7821		. SLEEVE		1
9	MS39086-13		. PIN, SPRING (PREF)(SB'S 52-25, 2164)	A-E	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1102-9	MS16562-10		. PIN, SPRING (REPLS NAS561P2-12) (OPT) *[1]	A-E	1
9	MS39086-13		. PIN, SPRING	F-Z	1
10	30-3019-1		. WASHER, PIN RETAINING (PREF) (SB'S 52-25, 2164)	A-E	1
10	30-3019		. WASHER (OPT) *[1]	A-E	1
10	30-3019-1		. WASHER, PIN RETAINING	F-Z	1
11	AN996-14		. RING, LOCK		1
12	30-3010		. NUT		1
13	63-2848		. SPRING		1
14	30-3013-1		. PIN (OPT) *[1]	A-E	1
14	30-3013-2		. PIN (PREF)(SB'S 52-25, 2164) *[1]	A-E	1
14	30-3013-2		. PIN	F-Z	1
15	60-4455		. SHAFT	A	1
15	60-4455		. SHAFT *[1]	B-H	1
15	60-4455-1		. SHAFT *[1]	B-H	1
15	60-4455-1		. SHAFT (OPT TO 60-4455-2)	I-UW-Z	1
15	60-4455-2		. SHAFT (PREF)	W-Z	1
16	65-31057-3		. CAM (PREF) *[1]	A	1
16	65-31057-4		. CAM (PREF) *[1]	AIMPT	1
16	65-1398-2		. PLATE, CAM (OPT TO 65-31057-3) *[1]	A	1
16	65-31057		. CAM (OPT TO 65-31057-3) *[1]	A	1
16	65-1398-4		. PLATE, CAM (OPT TO 65-31057-4) *[1]	AI	1
16	65-31057-2		. CAM (OPT TO 65-31057-4) *[1]	AI	1
16	65-51687-1		. CAM ASSY	FH	1
16	65-51687-4		. CAM ASSY (PREF)	B-GJKN	1
16	65-51687-1		. CAM ASSY (OPT TO 65-51687-4) *[1]	B-GJKN	1
16	65-31057-4		. CAM (OPT TO 65-51687-4) *[1]	B-EG	1
16	65-51687-4		. CAM ASSY	LQ-S U-X	1
16	65-51687-4		. CAM ASSY *[1]	YZ	1
16	141A6310-3		. CAM ASSY *[1]	YZ	1
16	65-51687-10		. CAM ASSY *[1]	YZ	1
17	MS21209F5-20		. . INSERT (USED ON 65-51687-1,-4, 141A6310-3)		4
17	MS21209F5-20P		. . INSERT (USED ON 65-51687-10)		3
18	65-51687-3		. . PLATE, CAM (USED ON 65-51687-1)		1
18	65-51687-5		. . PLATE, CAM (USED ON 65-51687-4)		1
18	65-51687-501		. . PLATE, CAM (USED ON 65-51687-4) (OPT)		1
18	141A6310-4		. . PLATE, CAM (USED ON 141A6310-3)		1
18	65-51687-11		. . PLATE, CAM (USED ON 65-51687-10)		1
19	BACB30NE3-10		. BOLT (REPLS AN3-10A)	A-D	4
19	BACB30NE3-11		. BOLT *[6]	A-D	3

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1102-					
20	AN960D10L		. WASHER	A-D	4
20	AN960D10L		. WASHER *[6]	A-D	3
21	2230-3		. WASHER, SEAL, V98159	A-D	4
21	BACS11W3		. WASHER *[6]	A-D	3
22	AN6227B28		. PACKING, O-RING (REPLS AN6227-28)		1
23	60-4412		. PLATE, SEAL	A-X	1
23	66-4412		. PLATE, SEAL *[1]	YZ	1
23	66-14542-1		. PLATE, SEAL *[1]	YZ	1
24	AN6227B17		. PACKING, O-RING (REPLS AN6227-17)		1
25	90-7820		. HOUSING ASSY, HANDLE MECHANISM	ACDEIM	1
25	90-7820		. HOUSING ASSY, HANDLE MECHANISM *[1]	BFGHPT	1
25	69-61511-1		. HOUSING ASSY, HANDLE MECHANISM *[1]	BFGH	1
25	69-61511-1		. HOUSING ASSY, HANDLE MECHANISM	JKLNQ RSU-Z	1
26	NAS516-1		. . FITTING, LUBRICATOR		1
27	90-7820-1		. . HOUSING, FITTING (USED ON 90-7820)		1
27	69-61511-2		. . HOUSING, FITTING (USED ON 69-6151		1
28	BACB30NE4-9		. BOLT (REPLS AN4-10A)	A-X	1
28	BACB30NE4-11		. BOLT *[13]	YZ	1
28	BACB30NM4K12		. BOLT *[14]	YZ	1
29	BACB30NE4-11		. BOLT (REPLS AN4-11A)	A-X	3
29	BACB30NE4-13		. BOLT *[13]	YZ	3
29	BACB30NM4K14		. BOLT *[14]	YZ	3
30	BACB30NE4-13		. BOLT (REPLS AN4-12A)	A-X	3
30A	BACB30NE4-15		. BOLT *[13]	YZ	2
30A	BACB30NM4K14		. BOLT *[14]	YZ	2
30B	BACB30NE4-15		. BOLT *[13]	YZ	1
30B	BACB30NM4K16		. BOLT *[14]	YZ	1
31	BACB30NE4-15		. BOLT (REPLS AN4-13A)	A-X	3
31A	BACB30NE4-17		. BOLT *[13]	YZ	1
31A	BACB30MR4K18		. BOLT *[14]	YZ	1
31B	BACB30NE4-18		. BOLT *[13]	YZ	1
31B	BACB30MR4K19		. BOLT *[14]	YZ	1
31C	BACB30NE4-16		. BOLT *[13]	YZ	1
31C	BACB30NM4K16		. BOLT *[14]	YZ	1
32	BACB30FD4-16		. BOLT *[1]	AM	1
32	MS20004-16		. BOLT *[1]	AM	1
32	MS20004-16		. BOLT	B-LN S-U	1
32	MS20004-24		. BOLT	WX	4
32	BACB30NE4-16		. BOLT	P-RV	1
32	BACB30NE4-18		. BOLT *[13]	YZ	1
32	BACB30MR4K20		. BOLT *[14]	YZ	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1102-					
33	BACB30FD4-18		. BOLT *[1]	AM	1
33	MS20004-18		. BOLT *[1]	AM	1
33	MS20004-18		. BOLT	B-LN S-U	1
33	BACB30NE4-18		. BOLT	PQRVWX	1
33	BACB30NE4-20		. BOLT *[13]	YZ	1
33	BACB30MR4K22		. BOLT *[14]	YZ	1
34	AN960D416		. WASHER	A-X	10
34	AN960D416		. WASHER *[13]	YZ	10
34	AN960JD416		. WASHER *[14]	YZ	10
35	30-3020		. FILLER		10
36	30-3020-1		. FILLER		2
37	30-3021		. SHIM, LAMINATED		4
38	60-4367		. FILLER	A-NSTU	1
38	60-4367-4		. FILLER	P-RV-Z	1
39	60-4367-1		. FILLER	A-NSTU	1
39	60-4367-5		. FILLER	P-RV-Z	1
40	60-4367-2		. FILLER	A-NSTU	1
40	60-4367-6		. FILLER	P-RVWX	1
40	60-4367-6		. FILLER *[1]	YZ	1
40	60-4367-3		. FILLER *[1]	YZ	1
41	60-4367-3		. FILLER	A-NSTU	1
41	60-4367-7		. FILLER	P-RV W-Z	1
42	MS24665-359		. PIN, COTTER (REPLS AN380-4-7)		2
43	60-4405		. NUT, SPECIAL	A-E	2
43	60-4405-1		. NUT, SPECIAL	F-Z	2
44	MS24665-134		. PIN, COTTER (REPLS AN380-2-3)		1
45	BACN10JD105		. NUT, CASTELLATED (REPLS AN320-5)		1
46	AN960D516		. WASHER		1
47	NAS1105-13D		. BOLT		1
48	BACN10JC5		. NUT, SELF-LOCKING (REPLS NAS679A5)	A-V	2
48	BACN10YR5CD		. NUT (POST SB 52-1094) *[12]	FHNRU	2
48	BACN10YR5CD		. NUT	W-Z	2
49	AN960D516		. WASHER	A-V	2
49	AN960C516L		. WASHER (POST SB 52-1094) *[12]	FHNRU	2
49	AN960C516L		. WASHER	W-Z	2
50	NAS1105-29		. BOLT	A-V	2
50	BACB30NM5K29		. BOLT (POST SB 52-1094) *[12]	FHNRU	2
50	BACB30NM5K29		. BOLT	W-Z	2
51	60-4366		. CRANK (PRE SB 52-1094, R1, R2, R3)	A-V	1
51	60-4366-1		. CRANK (POST SB 52-1094) *[18]	FHNRU	1
51	60-4366-1		. CRANK *[18]	W-Z	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1102-52	90-6753-1		. TUBE, HINGE TORQUE (PRE SB 52-1094, R1, R2, R3)	A-NST	1
52	90-6753-1		. TUBE, HINGE TORQUE *[1] (PRE SB 52-1094, R1, R2, R3)	PQU	1
52	90-6753-9		. TUBE, HINGE TORQUE *[1] (PRE SB 52-1094, R1, R2, R3)	PQU	1
52	90-6753-9		. TUBE, HINGE TORQUE (PRE SB 52-1094, R1, R2, R3)	RV	1
52	90-6753-16		. TUBE, HINGE TORQUE (PRE SB 52-1094, R1, R2, R3)	FHNRUX	1
52	90-6753-16		. TUBE, HINGE TORQUE (PRE SB 52-1094, R1, R2, R3)	W	1
52	90-6753-16		. TUBE, HINGE TORQUE *[1] (PRE SB 52-1094, R1, R2, R3)	X	1
52	90-6753-20		. TUBE, HINGE TORQUE *[1]	XY	1
52	65C37129-1		. TUBE, HINGE TORQUE *[18] *[19] (POST SB 52-1094, R1, R2, R3)	FHNRUX	
52	65C37129-1		. TUBE, HINGE TORQUE *[1] *[18] *[19]	XYZ	1
53	BACB10BW25		. BEARING (REPLS AN202KP25B AND BACB10A824) (PRE SB 52-1094, R1, R2, R3)	A-X	2
53	PACMKP25BA3908		. BEARING (V21335) (PRE SB 52-1094, R1, R2, R3)	FHNRUXW	2
53	BACB10FR25		. BEARING (POST SB 52-1094, R1, R2, R3)	FHNRUXW	2
53	BACB10FR25		. BEARING *[1]	W	2
53	BACB10FR25		. BEARING	X	2
53	BACB10FR25		. BEARING *[13]	YZ	2
54	NAS50-162		. RING, RETAINER	A-X	1
54	NAS50-162		. RING, RETAINER *[1]*[13]	YZ	1
55	BACB10BX12		. BEARING (REPLS AN201KP12A AND BACB10A685)	A-X	1
55	BACB10BX12		. BEARING *[1]*[13](REPLS AN201KP12A, BACB10A685 AND BACB10FS12)	YZ	1
56	BACN10JC4		. NUT, SELF-LOCKING (REPLS NAS679A4W)	A-X	1
56	BACN10JC4		. NUT, SELF-LOCKING *[1]*[13] (REPLS NAS679A4W)	YZ	1
57	AN960-416L		. WASHER	A-X	1
57	AN960-416L		. WASHER *[1]*[13]	YZ	1
58	63-1692		. WASHER	A-X	1
58	63-1692		. WASHER *[1]*[13]	YZ	1
59	BACB30NE4-5		. BOLT (REPLS AN4-6A)	A-X	1
59	BACB30NE4-5		. BOLT *[1]*[13]	YZ	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1102-					
60	MS24665-134		. PIN, COTTER (REPLS AN380-2-3)	A-X	1
61	BACN10JD105		. NUT, CASTELLATED (REPLS AN320-5)	A-X	1
62	AN960D516		. WASHER	A-X	1
62A	AN960JD516		. WASHER *[1]*[13]	YZ	1
63	NAS1105-11D		. BOLT	A-X	1
63	NAS1105-11D		. BOLT *[1]*[13]	YZ	1
64	65-54024-3		. CRANK, ASSY	FH	1
64	65-54024-3		. CRANK, ASSY (PREF) (OPT TO 65-1933, 65-1933-3)	GI	1
64	65-54024-3		. CRANK, ASSY (65-1933-3 OPT)	N	1
64	65-1933		. CRANK, ASSY (65-54024-3 OPT)	GI	1
64	65-1933-3		. CRANK, ASSY	LMPQ S-V	1
64	65-1933-3		. CRANK, ASSY (OPT TO 65-54024-3)	N	1
64	65-1933-3		. CRANK, ASSY *[1]	R	1
64	65-1933-504		. CRANK, ASSY (65-1933-506 OPT) *[1]	RX	1
64	65-1933-506		. CRANK, ASSY (OPT TO 65-1933-504) *[1]	RX	1
64	65-1933-6		DELETED		
64	65-1933-11		DELETED		
64	65-1933-504		. CRANK, ASSY (65-1933-506 OPT)	W	1
64	65-1933-506		. CRANK, ASSY (OPT TO 65-1933-504)	W	1
64	65-1933-16		. CRANK, ASSY *[1]	X	1
64	65-1933-16		. CRANK, ASSY *[1]*[13]	YZ	1
64A	65-8795-801		. SPACER	A-X	1
64A	65-8795-801		. SPACER *[1]*[13]	YZ	1
65	60-7208		. ROD ASSY, CONTROL	A-V	1
65	60-7208-2		. ROD ASSY, CONTROL	W-Z	1
66	MS20615-6M3		. . RIVET, UNIVERSAL HEAD (REPLS NAS508M6-3)		1
67	AN316-8R		. . NUT, CHECK		1
68	BACB10A400M2L		. . BEARING, ROD END		1
68A	BACB10A400M2L		. . BEARING, ROD END (USED ON 60-7208)		1
68A	ART5E108		. . BEARING, ROD END, V50294 (BOEING 10-60779-164) (USED ON 60-7208-2)		1
68A	DREMS-023		. . BEARING, ROD END, V81376 (BOEING 10-60779-164) (USED ON 60-7208-2)		1
68A	KBDE5-15		. . BEARING, ROD END, V97613 (BOEING 10-60779-164) (USED ON 60-7208-2)		1
68A	MSSR58-14BAC		. . BEARING, ROD END, V731B4 (BOEING 10-60779-164) (USED ON 60-7208-2)		1
68A	NHNE5-208		. . BEARING, ROD END, V15860 (BOEING 10-60779-164) (USED ON 60-7208-2)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1102-68A	REM10ATC16-2		. . BEARING, ROD END, V21335 (BOEING 10-60779-164) (USED ON 60-7208-2)		1
68A	TFM105A		. . BEARING, ROD END, V77896 (BOEING 10-60779-164) (USED ON 60-7208-2)		1
68A	77266		. . BEARING, ROD END, V09455 (BOEING 10-60779-164), (USED ON 60-7208-2)		1
69	60-7208-1		. . ROD		1
70	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W)	A-X	2
70	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W) *[1]*[13]	YZ	2
71	NAS1197-10		. WASHER	A-X	2
71	NAS1197-10		. WASHER *[1]*[13]	YZ	2
72	BACB30NE3-8		. BOLT (REPLS AN3-7A)	A-X	2
72	BACB30NE3-8		. BOLT (REPLS AN3-7A) *[1]*[13]	YZ	2
73	63-1059-1		. RETAINER (PREF)	A-K	1
73	63-1059		. RETAINER (OPT) *[1]	A-K	1
73	63-1059-1		. RETAINER	L-X	1
73	63-1059-1		. RETAINER *[1]*[13]	YZ	1
74	BACB10BW21		. BEARING (REPLS AN202KP21B AND BACB10A827)	A-X	1
74	BACB10BW21		. BEARING *[1]*[13](REPLS AN202KP21B, BACB10A827 AND BACB10FR21)	YZ	1
75	BACB10BW23		. BEARING (REPLS AN202KP23B AND BACB10A823)	A-X	1
75	BACB10BW23		. BEARING *[1]*[13](REPLS AN202KP23B, BACB10A823 AND BACB10FR23)	YZ	1
76	BACN10JC4		. NUT, SELF-LOCKING (REPLS NAS679A4W)	A-X	1
76	BACB10JC4		. NUT, SELF-LOCKING *[1]*[13] (REPLS NAS679A4W)	YZ	1
77	AN960-416L		. WASHER	A-X	1
77	AN960-416L		. WASHER *[1]*[13]	YZ	1
78	63-1692		. WASHER	A-X	1
78	63-1692		. WASHER *[1]*[13]	YZ	1
79	BACB30NE4-5		. BOLT (REPLS AN4-6A)	A-X	1
79	BACB30NE4-5		. BOLT *[1]*[13](REPLS AN4-6A)	YZ	1
80	69-38733-1		. CRANK ASSY, CAM FOLLOWER	FGH	1
80	69-38733-1		. CRANK ASSY, CAM FOLLOWER(OPT TO 90-7815-1) *[1]	LMN	1
80	90-7815-1		. CRANK ASSY, CAM FOLLOWER (69-38733-1 OPT) (PREF) *[1]	LMN	1
80	90-7815-1		. CRANK ASSY, CAM FOLLOWER	PQSTUV	1
80	90-7815-1		. CRANK ASSY, CAM FOLLOWER *[1]	R	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1102-					
80	90-7815-15		. CRANK ASSY, CAM FOLLOWER (OPT TO 90-7815-17) *[1]	R	1
80	90-7815-17		. CRANK ASSY, CAM FOLLOWER (90-7815-15 OPT) *[1]	R	1
80	90-7815-17		. CRANK ASSY, CAM FOLLOWER (PREF)	WX	1
80	90-7815-15		. CRANK ASSY, CAM FOLLOWER (OPT TO 90-7815-17)	WX	1
80	90-7815-17		. CRANK ASSY, CAM FOLLOWER *[1] *[13](PREF)	YZ	1
80	90-7815-15		. CRANK ASSY, CAM FOLLOWER *[1] *[13](OPT TO 90-7815-17)	YZ	1
80A	90-7815		. CRANK ASSY, CAM FOLLOWER	I	1
80A	90-7815		. CRANK ASSY, CAM FOLLOWER (OPT TO 90-7815-1) *[1]	MPT	1
80A	90-7815-1		. CRANK ASSY, CAM FOLLOWER (90-7815 OPT) *[1]	MPT	1
80A	90-7815-1		. CRANK ASSY, CAM FOLLOWER	F-HLNQ RSUVW	1
80A	90-7815-1		. CRANK ASSY, CAM FOLLOWER *[1]*[13]	YZ	1
81	AN380-3-3		. . PIN, COTTER *[8]*[11]		1
81	MS24665-283		. . PIN, COTTER *[7]*[9]*[10]		1
82	BACN10JD106		. . NUT, CASTELLATED (REPLS AN320-6) *[8]*[9]*[10]*[11]		1
82	BACN10JD6		. . NUT (REPLS AN310-6) *[7]		1
83	AN960-616L		. . WASHER *[2]*[8]*[11]		4
83	AN960PD616L		. . WASHER *[7]		4
83	AN960PD616		. . WASHER *[4]*[7]		1
83	AN960XC616L		. . WASHER *[3]*[9]*[10]		1
83	AN960XC616		. . WASHER *[9]*[10]		3
84	BACB10BH60F9		. . BEARING (BACB108H60F8 OPT) (PREF) *[7]		1
84	BACB10BH60F8		. . BEARING (OPT TO BACB10BH60F9) *[7]		1
84	BACB10BH60CF6		. . BEARING UNIT, NEEDLE (BACB10AF6F3H, BACB10AF6F6H OPT) *[8]*[11]		1
84	BACB10AF6F3H		. . BEARING UNIT, NEEDLE (OPT TO BACB10BH60CF6) *[8]		1
84	BACB10AF6F6H		. . BEARING UNIT, NEEDLE (OPT TO BACB10BH60CF6) *[8]*[11]		1
84	BACB10FK6F6HS		. . BEARING UNIT, NEEDLE*[9]*[10]		1
85	69-38733-2		. . ARM, CRANK *[7]		1
85	90-7815-3		. . ARM, CRANK *[8]		1
85	90-7815-2		. . ARM, CRANK *[11]		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1102-					
85	90-7815-21		. . ARM, CRANK *[9]		1
85	90-7815-19		. . ARM, CRANK *[10]		1
86	65-1932-2		. CRANK, LATCHING (OPT) *[1]	ABC	1
86	65-54013-503		. CRANK, LATCHING (PREF)	LMN	1
86	65-54013		. CRANK, LATCHING (OPT)	LMN	1
86	65-54013-503		. CRANK, LATCHING	P-X	1
86	65-54013-503		. CRANK, LATCHING *[1]*[13]	YZ	1
86A	BACB30LU3-10		. BOLT (REPLS NAS517-3-10)	AI	2
86B	BACW10UB10		. WASHER	AI	2
86C	60-4407-1		. STOP FITTING *[5]	AI	1
87	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W)	A-X	2
87	BACN10JC3		. NUT, SELF-LOCKING (REPLS NAS679A3W) *[1]*[13]	YZ	2
88	NAS1197-10		. WASHER	A-X	2
88	NAS1197-10		. WASHER *[1]*[13]	YZ	2
89	BACB30NE3-4		. BOLT (REPLS AN3-5A)	A-X	2
89	BACB30NE3-4		. BOLT (REPLS AN3-5A) *[1]*[13]	YZ	2
90	63-1058		. RETAINER *[1]	A-K	1
90	63-1058-2		. RETAINER *[1]	A-K	1
90	63-1058-2		. RETAINER	L	1
90	63-1058-2		. RETAINER (OPT TO 63-1059-1)	MNS-V	1
90	63-1059		. RETAINER *[1]	A-K	1
90	63-1059-1		. RETAINER *[1]	A-K	1
90	63-1059-1		. RETAINER (63-1058-2 OPT)	MNS-V	1
90	63-1059-1		. RETAINER	PQRWX	1
90	63-1059-1		. RETAINER *[1]*[13]	YZ	1
91	BACB10BW21		. BEARING (REPLS AN202KP21B AND BACB10A822)	A-X	1
91	BACB10BW21		. BEARING *[1]*[13](REPLS AN202KP21B, BACB10A827 AND BACB10FR21)	YZ	1
92	BACB10BW23		. BEARING (REPLS AN202KP23B AND BACB10A823)	A-X	1
92	BACB10BW23		. BEARING *[1]*[13](REPLS AN202KP23B, BACB10A823 AND BACB10FR23)	YZ	1
93	65-1642-1		. HOUSING ASSY, HANDLE MECHANISM	A-NSTU	1
93	65-1642-1		. HOUSING ASSY, HANDLE MECHANISM *[1]	PQRV	1
93	65-1642-23		. HOUSING ASSY, HANDLE MECHANISM *[1]	PQRV	1
93	65-1642-38		. HOUSING ASSY, HANDLE MECHANISM	W	1
93	65-1642-38		. HOUSING ASSY, HANDLE MECHANISM *[1]	RX	1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1102-93	65-1642-40		. HOUSING ASSY, HANDLE MECHANISM *[1]	PQX	1
93	65-1642-40		. HOUSING ASSY, HANDLE MECHANISM *[1]*[15]	YZ	1
94	65-1642-6		. . HOUSING (USED ON 65-1642-1)		1
94	65-1642-24		. . HOUSING (USED ON 65-1642-23)		1
94	65-1642-39		. . HOUSING (USED ON 65-1642-38)		1
94	65-1642-41		. . HOUSING (USED ON 65-1642-40)		1
95	65C36624-1		. HOUSING ASSY, HANDLE MECHANISM *[1]*[15]	YZ	1
95	65C36624-2		. HOUSING ASSY, HANDLE MECHANISM *[1]	YZ	1
96	65C36625-1		. . HOUSING ASSY (USED ON 65C36624-1)		1
96	65C36625-4		. . HOUSING ASSY (USED ON 65C36624-2)		1
97	65C36625-2		. . . HOUSING (USED ON 65C36625-1)		1
97	65C36625-5		. . . HOUSING (USED ON 65C36625-4)		1
98	65C36793-1		. . . BUSHING		2
98A	69-78694-1		. . . FILLER		4
98B	69-78694-2		. . . FILLER		4
98C	BACR15CE5D		. . . RIVET		8
98D	BACN10JP3ACD		. . . NUTPLATE		4
98E	BACN10KE4CCD		. . . NUTPLATE (USED ON 65C36625-1)		12
98E	BACN10JA4CD		. . . NUTPLATE (USED ON 65C36625-4)		12
98F	BACR15BA3AD		. . . RIVET		24
99	BACB10FR25		. . BEARING		2
100	65-54013-503		. . CRANK, LATCHING		1
101	BACB10FV23		. . BEARING		1
101A	BACB10FV23		. . RETAINER, BEARING		1
102	69B10068-4		. . RETAINER, BEARING		2
103	BACB30NM3K7		. . BOLT		2
104	BACB30NM3K11		. . BOLT		2
105	AN960JD10L		. . WASHER (REPLD BY NAS1149D0332J)		4
105	NAS1149D0332J		. . WASHER (REPLS AN960JD10L)		4
106	BACW10BP3DP		. . WASHER		4
107	BACN10YR3CD		. . NUT		4
108	90-7815-17		. . CRANK ASSY, CAM FOLLOWER (PREF)		1
108	90-7815-15		. . CRANK ASSY, CAM FOLLOWER (OPT)		1
109	90-7815-21		. . . ARM, CRANK (USED ON 90-7815-17)		1
109	90-7815-19		. . . ARM, CRANK (USED ON 90-7815-15)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1102-					
110	BACB10FK6F6HS		. . . NEEDLE BEARING, CAM FOLLOWER		1
111	AN960XC616L		. . . WASHER		1
112	AN960XC616L		. . . WASHER *[16]		5
113	BACN10JD106		. . . NUT, CASTLE SHEAR		1
114	MS24665-283		. . . PIN, COTTER		1
115	65C36857-1		. . CRANK ASSY, CAM FOLLOWER		1
116	65C36857-2		. . . ARM, CRANK		1
117	BACB10FK6F6HS		. . . NEEDLE BEARING, CAM FOLLOWER		1
118	AN960XC616L		. . . WASHER		2
119	AN960XC616L		. . . WASHER *[17]		2
120	BACN10JD6		. . . NUT		1
121	MS24665-300		. . . PIN, COTTER		1
122	65-1933-16		. . CRANK ASSY		1
123	65-8795-801		. . SPACER		1
124	BACB30NR5K17		. . BOLT		1
125	AN960JD516		. . WASHER (REPLD BY NAS1149D0563J)		1
125	NAS1149D0563J		. . WASHER (REPLS AN960JD516)		1
126	60-7208-2		. . ROD ASSY, CONTROL		1
127	60-7208-1		. . . ROD		1
128	BACB10A400M2L		. . . BEARING, ROD END		1
129	10-60779-164		. . . BEARING, ROD END		1
130	AN316-8R		. . . NUT, CHECK		1
131	MS20615-6M3		. . . RIVET, UNIVERSAL HEAD (REPLS NAS508M6-3)		1
132	BACB10FV21		. . BEARING		2
133	63-1692		. . WASHER (PREF)		2
133	140N2722-1		. . WASHER (OPT TO 63-1692)		2
134	BACS12GU4K9		. . SCREW		2
135	BACN10YR4CD		. . NUT		1
136	BACN10YR4CM		. . NUT, SELF-LOCKING		1
137	AN960JD416L		. . WASHER (USED ON 65-1642-1,-23,-38, -40, 65C36624-1)		1
137	NAS1149C0432R		. . WASHER (USED ON 65C36624-2)		1
138	AN960C416L		. . WASHER (USED ON 65-1642-1,-23,-38, -40, 65C36624-1)		1
138	NAS1149C0432R		. . WASHER (USED ON 65C36624-2)		1
139	BACB10FS12		. . BEARING		1
140	MS16625-4162		. . RING, SNAP		1

*[1] LIMITED USE

*[2] USE TWO EACH UNDER HEAD AND NUT

*[3] USE A MAXIMUM OF FOUR UNDER NUT ONLY

*[4] USE UNDER NUT WITH BACB10BH60F9; USE UNDER HEAD WITH BACB10BH60F8

*[5] USED WITH 65-31057, 65-31057-2, 65-1398-2 OR 65-1398-4 ONLY

*[6] USED WITH KEY LOCK SYSTEM INSTL (FIG. 1103)

*[7] USED ON 69-38733-1

*[8] USED ON 90-7815-1

*[9] USED ON 90-7815-17

*[10] USED ON 90-7815-15

*[11] USED ON 90-7815

*[12] NOT USED ON ALL POST SERVICE BULLETIN CONFIGURATIONS

*[13] USED ON 65-1642-40 HANDLE MECHANISM HOUSING ASSEMBLY (ITEM 93)

*[14] USED ON 65C36624-1 HANDLE MECHANISM HOUSING ASSEMBLY (ITEM 95)

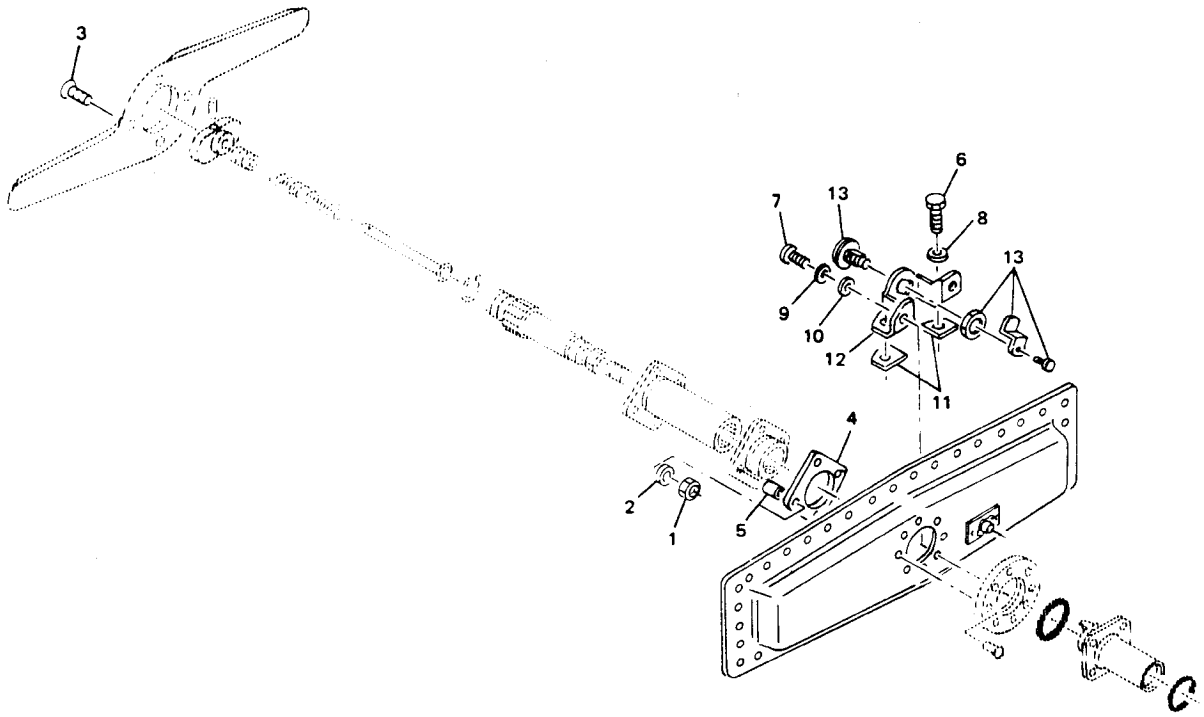
*[15] SOME 50-7945-299 FORWARD ENTRY DOOR ASSEMBLIES USE THE 65-1642-40 HANDLE MECHANISM HOUSING ASSEMBLY (ITEM 93). OTHER 50-7945-299 FORWARD ENTRY DOOR ASSEMBLIES USE THE 65C36624-1 HANDLE MECHANISM HOUSING ASSEMBLY (ITEM 95)

*[16] USE A MAXIMUM OF 5 WASHERS UNDER THE NUT

*[17] USE A MAXIMUM OF 2 WASHERS UNDER THE NUT

*[18] THE 65C37782-1 HINGE ASSEMBLY IS USED ON THE TOP ASSEMBLY 50-7945-299 AND CONSISTS OF COMPONENTS CONTAINED IN THE BODY SIDE TORQUE TUBE BUILDUP OHM 52-46-11 AND THE FORWARD ENTRY DOOR ASSEMBLY OHM 52-16-01.

*[19] THE 65C37782-2 HINGE ASSEMBLY IS USED ON THE TOP ASSEMBLY 50-7945-309 AND CONSISTS OF FORWARD ENTRY DOOR COMPONENTS CONTAINED IN OHM 52-16-01.



Key Lock System Installation
Figure 1103

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1103-					
	69V10016-1		SYSTEM INSTL, KEY LOCK (LIMITED)	A	RF
	69V10016-2		SYSTEM INSTL, KEY LOCK (LIMITED)	B	RF
	65C15976-10		LOCK INSTL, FORWARD ENTRY DOOR	C	RF
	65C19113-10		LOCK INSTL, FORWARD ENTRY DOOR	D	RF
1	BACN10JC3C		. NUT		4
2	AN960D10		. WASHER		4
3	BACB30LH3-14		. BOLT		4
4	50-7945-142		. PLATE, LOCKING		1
5	NAS43DD3-21		. SPACER		4
6	BACB30NE3-4		. BOLT		3
7	BACB30NE3-13		. BOLT		1
8	AN960D10		. WASHER		3
9	AN960D10L		. WASHER		1
10	BACS11W3		. WASHER		1
11	50-7945-143		. FILLER		2
12	69-64120-2		. FITTING		1
13	15-1074		. LOCK ASSY, V80477 (PRE SB 3282)	A	1
13	4088-5		. LOCK ASSY, V80477 (POST SB 3282)	BCD	1

VENDORS

V02758	U.S. BEARING DIV., NETWORKS ELECTRONIC CORP., 9750 DESOTO AVE., CHATSWORTH, CALIFORNIA 91311-4409
V21335	TIMKIN US CORP., 59 FIELD ST., TORRINGTON, CONNECTICUT 06790-1008
V57606	PSI BEARING, INC., 2175 UNION PL., SIMI VALLEY, CALIFORNIA 93065-1661
V80477	ADAMS RITE AEROSPACE, 4141 N. PALM ST., FULLERTON, CALIFORNIA 92835-1025
V81376	SOUTHWEST PRODUCTS CO., 2240 BUENA VISTA, IRWINDALE, CALIFORNIA 91010-3318
V94222	SOUTHCO, INC., 210 N. BRINTON LAKE RD., P.O. BOX 0116, CONCORDVILLE, PENNSYLVANIA 19331-0116
V97613	SARGENT CONTROLS AND AEROSPACE, KAHR BEARING DIV., 5765 W. BURLINGAME RD., TUCSON, ARIZONA 85743-9453

Part No.	Fig. and Index No.	Qty. per Assy.
AN316-5R	1101-102	2
AN316-5R	1101-102	1
AN316-5R	1101-136	2
AN316-5R	1101-136	1
AN316-5R	1101-243	2
AN316-5R	1101-243	1
AN316-5R	1101-250	1
AN316-5R	1101-250	2
AN316-6R	1101-46B	AR
AN316-8R	1102-130	1
AN316-8R	1102-67	1
AN380-3-3	1102-81	1
AN6227-15	1101-272	2
AN6227B17	1102-24	1
AN6227B28	1102-22	1
AN960-4	1101-13	12
AN960-416L	1102-57	1
AN960-416L	1102-57	1
AN960-416L	1102-77	1
AN960-416L	1102-77	1
AN960-516L	1101-158	8
AN960-516L	1101-202	8
AN960-516L	1101-42	AR
AN960-516L	1101-42	2
AN960-616L	1102-83	4
AN960C10L	1101-150	4
AN960C10L	1101-150	4
AN960C10L	1101-150A	2
AN960C10L	1101-150B	2
AN960C10L	1101-164	4
AN960C10L	1101-164	4
AN960C10L	1101-194	2
AN960C10L	1101-194	2
AN960C10L	1101-208	4
AN960C10L	1101-208	4
AN960C416L	1101-255	8
AN960C416L	1101-255	8
AN960C416L	1102-138	1
AN960C516L	1102-49	2
AN960C516L	1102-49	2
AN960D10	1101-112	4
AN960D10	1101-146	4
AN960D10	1101-150	4
AN960D10	1101-164	4
AN960D10	1101-169	4
AN960D10	1101-177	AR

Part No.	Fig. and Index No.	Qty. per Assy.
AN960D10	1101-194	2
AN960D10	1101-208	4
AN960D10	1101-213	4
AN960D10	1101-222	AR
AN960D10	1101-283	30
AN960D10	1101-310	16
AN960D10	1101-319	18
AN960D10	1101-40	3
AN960D10	1102-2	AR
AN960D10	1102-4	4
AN960D10	1103-2	4
AN960D10	1103-8	3
AN960D10L	1101-187	8
AN960D10L	1101-232	4
AN960D10L	1102-20	4
AN960D10L	1102-20	3
AN960D10L	1103-9	1
AN960D416	1101-121	1
AN960D416	1101-154	1
AN960D416	1101-154	1
AN960D416	1101-198	1
AN960D416	1101-198	1
AN960D416	1101-239	2
AN960D416	1101-239	2
AN960D416	1101-255	8
AN960D416	1101-255	4
AN960D416	1101-2M	4
AN960D416	1101-87	1
AN960D416	1102-34	10
AN960D416	1102-34	10
AN960D416L	1101-2G	4
AN960D516	1101-255A	8
AN960D516	1101-260	4
AN960D516	1102-46	1
AN960D516	1102-49	2
AN960D516	1102-62	1
AN960D616	1101-46C	AR
AN960JD10	1102-2	AR
AN960JD10	1102-4	4
AN960JD10L	1102-105	4
AN960JD416	1101-154	1
AN960JD416	1101-239	2
AN960JD416	1102-34	10
AN960JD416L	1102-137	1
AN960JD516	1102-125	1
AN960JD516	1102-62A	1

Part No.	Fig. and Index No.	Qty. per Assy.
AN960PD416L	1101-268	4
AN960PD616	1102-83	1
AN960PD616L	1102-83	4
AN960XC416	1101-198	1
AN960XC616	1102-83	3
AN960XC616L	1102-111	1
AN960XC616L	1102-112	5
AN960XC616L	1102-118	2
AN960XC616L	1102-119	2
AN960XC616L	1102-83	1
AN996-14	1102-11	1
ART5E108	1102-68A	1
BACB10A187L	1101-101	1
BACB10A187L	1101-101A	1
BACB10A187L	1101-135	1
BACB10A187L	1101-135A	1
BACB10A187L	1101-242	1
BACB10A187L	1101-242A	1
BACB10A187L	1101-249	1
BACB10A187L	1101-249A	1
BACB10A187M2L	1101-101	1
BACB10A187M2L	1101-101A	1
BACB10A187M2L	1101-135	1
BACB10A187M2L	1101-135A	1
BACB10A187M2L	1101-242	1
BACB10A187M2L	1101-242A	1
BACB10A187M2L	1101-249	1
BACB10A187M2L	1101-249A	1
BACB10A278L	1101-106	2
BACB10A278L	1101-106	2
BACB10A278L	1101-140	2
BACB10A278L	1101-140	2
BACB10A397GCM2	1101-172	1
BACB10A397GCM2	1101-179	1
BACB10A397GCM2	1101-189	2
BACB10A397GCM2	1101-216	1
BACB10A397GCM2	1101-225	1
BACB10A397GCM2	1101-234	1
BACB10A400M2L	1102-128	1
BACB10A400M2L	1102-68	1
BACB10A400M2L	1102-68A	1
BACB10AF6F3H	1102-84	1
BACB10AF6F6H	1102-84	1
BACB10BH59CF7	1101-159	2
BACB10BH59CF7	1101-203	2
BACB10BH59CF7	1101-44	1

Part No.	Fig. and Index No.	Qty. per Assy.
BACB10BH60CF6	1102-84	1
BACB10BH60F8	1102-84	1
BACB10BH60F9	1102-84	1
BACB10BW21	1102-74	1
BACB10BW21	1102-74	1
BACB10BW21	1102-91	1
BACB10BW21	1102-91	1
BACB10BW23	1102-75	1
BACB10BW23	1102-75	1
BACB10BW23	1102-92	1
BACB10BW23	1102-92	1
BACB10BW25	1102-53	2
BACB10BX12	1102-55	1
BACB10BX12	1102-55	1
BACB10FK6F6HS	1102-110	1
BACB10FK6F6HS	1102-117	1
BACB10FK6F6HS	1102-84	1
BACB10FR25	1102-53	2
BACB10FR25	1102-53	2
BACB10FR25	1102-53	2
BACB10FR25	1102-53	2
BACB10FR25	1102-99	2
BACB10FS12	1102-139	1
BACB10FV21	1102-132	2
BACB10FV23	1102-101	2
BACB10JC4	1102-76	1
BACB10Y4	1101-101A	1
BACB10Y4	1101-106	2
BACB10Y4	1101-106	2
BACB10Y4	1101-135A	1
BACB10Y4	1101-140	2
BACB10Y4	1101-140	2
BACB10Y4	1101-242A	1
BACB10Y4	1101-249A	1
BACB28X4D009	1101-110B	6
BACB28X4D009	1101-144B	6
BACB30ABP3-3A	1101-314	2
BACB30ABP3-3A	1101-323	3
BACB30ABP3-4A	1101-315	2
BACB30ABP3-4A	1101-324	3
BACB30FD4-16	1102-32	1
BACB30FD4-18	1102-33	1
BACB30LH3-14	1103-3	4
BACB30LH3-7	1102-5	4
BACB30LU3-10	1102-86A	2
BACB30LU3-2	1101-123	13

Part No.	Fig. and Index No.	Qty. per Assy.
BACB30LU3-2	1101-123	15
BACB30LU3-2	1101-88A	12
BACB30LU3-3	1101-314	2
BACB30LU3-3	1101-315	2
BACB30LU3-3	1101-323	3
BACB30LU3-3	1101-324	3
BACB30LU3-4	1101-170	3
BACB30LU3-4	1101-178	3
BACB30LU3-4	1101-214	3
BACB30LU3-4	1101-224	2
BACB30LU3-5	1101-89	1
BACB30MR4K18	1102-31A	1
BACB30MR4K19	1102-31B	1
BACB30MR4K20	1102-32	1
BACB30MR4K22	1102-33	1
BACB30NE3-1	1101-188	8
BACB30NE3-1	1101-233	4
BACB30NE3-10	1102-19	4
BACB30NE3-11	1102-19	3
BACB30NE3-13	1103-7	1
BACB30NE3-20	1101-113	4
BACB30NE3-20	1101-147	4
BACB30NE3-3	1101-311	3
BACB30NE3-3	1101-320	3
BACB30NE3-4	1101-171	1
BACB30NE3-4	1101-215	1
BACB30NE3-4	1101-284	30
BACB30NE3-4	1101-312A	6
BACB30NE3-4	1101-321A	6
BACB30NE3-4	1102-89	2
BACB30NE3-4	1102-89	2
BACB30NE3-4	1103-6	3
BACB30NE3-5	1101-312B	2
BACB30NE3-5	1101-313	1
BACB30NE3-5	1101-321B	2
BACB30NE3-5	1101-322	1
BACB30NE3-6	1101-178	AR
BACB30NE3-6	1101-223	AR
BACB30NE3-6	1101-39	3
BACB30NE3-8	1102-72	2
BACB30NE3-8	1102-72	2
BACB30NE4-11	1102-28	1
BACB30NE4-11	1102-29	3
BACB30NE4-13	1102-29	3
BACB30NE4-13	1102-30	3
BACB30NE4-15	1102-30A	2

Part No.	Fig. and Index No.	Qty. per Assy.
BACB30NE4-15	1102-30B	1
BACB30NE4-15	1102-31	3
BACB30NE4-16	1102-31C	1
BACB30NE4-16	1102-32	1
BACB30NE4-17	1102-31A	1
BACB30NE4-18	1102-31B	1
BACB30NE4-18	1102-32	1
BACB30NE4-18	1102-33	1
BACB30NE4-20	1102-33	1
BACB30NE4-24	1101-267	4
BACB30NE4-5	1102-59	1
BACB30NE4-5	1102-59	1
BACB30NE4-5	1102-79	1
BACB30NE4-5	1102-79	1
BACB30NE4-9	1102-28	1
BACB30NE5-26Y	1101-256B	4
BACB30NE5D26	1101-256A	8
BACB30NF4-27	1101-267	4
BACB30NM3K11	1102-104	2
BACB30NM3K17	1101-165	4
BACB30NM3K17	1101-165	4
BACB30NM3K17	1101-209	4
BACB30NM3K17	1101-209	4
BACB30NM3K19	1101-151	4
BACB30NM3K19	1101-151	4
BACB30NM3K19	1101-195	2
BACB30NM3K19	1101-195	2
BACB30NM3K3	1101-311	3
BACB30NM3K3	1101-320	3
BACB30NM3K4	1101-312A	6
BACB30NM3K4	1101-321A	6
BACB30NM3K5	1101-312B	2
BACB30NM3K5	1101-313	1
BACB30NM3K5	1101-321B	2
BACB30NM3K5	1101-322	1
BACB30NM3K7	1102-103	2
BACB30NM4K12	1102-28	1
BACB30NM4K14	1102-29	3
BACB30NM4K14	1102-30A	2
BACB30NM4K16	1102-30B	1
BACB30NM4K16	1102-31C	1
BACB30NM4K26	1101-256	8
BACB30NM4K26	1101-256	8
BACB30NM5K29	1102-50	2
BACB30NM5K29	1102-50	2
BACB30NN3K3	1101-314	2

Part No.	Fig. and Index No.	Qty. per Assy.
BACB30NN3K3	1101-315	2
BACB30NN3K3	1101-323	3
BACB30NN3K3	1101-324	3
BACB30NN3K3	1101-88B	11
BACB30NN3K4	1101-88C	1
BACB30NN3K6	1101-89	1
BACB30NR4DK13	1101-155	1
BACB30NR4DK13	1101-199	1
BACB30NR4K12	1101-238	2
BACB30NR5K17	1102-124	1
BACN10EU4	1101-269	4
BACN10HC4	1101-269	4
BACN10JA4CD	1102-98E	12
BACN10JC04	1101-12	6
BACN10JC3	1101-111	4
BACN10JC3	1101-145	4
BACN10JC3	1101-149	4
BACN10JC3	1101-163	4
BACN10JC3	1101-168	4
BACN10JC3	1101-176	AR
BACN10JC3	1101-186	8
BACN10JC3	1101-193	2
BACN10JC3	1101-207	4
BACN10JC3	1101-212	4
BACN10JC3	1101-221	AR
BACN10JC3	1101-231	4
BACN10JC3	1101-282	30
BACN10JC3	1101-309	
BACN10JC3	1101-309A	8
BACN10JC3	1101-318	18
BACN10JC3	1101-318A	10
BACN10JC3	1101-318B	2
BACN10JC3	1102-3	4
BACN10JC3	1102-70	2
BACN10JC3	1102-70	2
BACN10JC3	1102-87	2
BACN10JC3	1102-87	2
BACN10JC3C	1103-1	4
BACN10JC4	1101-254	8
BACN10JC4	1101-254	4
BACN10JC4	1102-56	1
BACN10JC4	1102-56	1
BACN10JC4	1102-76	1
BACN10JC5	1101-254B	4
BACN10JC5	1101-41	1
BACN10JC5	1102-48	2

Part No.	Fig. and Index No.	Qty. per Assy.
BACN10JC6	1101-46A	AR
BACN10JC6	1102-1	1
BACN10JD104	1101-116	2
BACN10JD104	1101-120	1
BACN10JD104	1101-130	1
BACN10JD104	1101-153	1
BACN10JD104	1101-153	1
BACN10JD104	1101-197	1
BACN10JD104	1101-197	1
BACN10JD104	1101-82	2
BACN10JD104	1101-86	1
BACN10JD104	1101-96	1
BACN10JD105	1101-157	2
BACN10JD105	1101-201	2
BACN10JD105	1101-259	2
BACN10JD105	1102-45	1
BACN10JD105	1102-61	1
BACN10JD106	1102-113	1
BACN10JD106	1102-82	1
BACN10JD4CD	1101-153	1
BACN10JD4CD	1101-197	1
BACN10JD5	1101-254A	8
BACN10JD5	1101-254A	4
BACN10JD6	1102-1	1
BACN10JD6	1102-120	1
BACN10JD6	1102-82	1
BACN10JP3ACD	1102-98D	4
BACN10JR3CFD	1101-309B	8
BACN10JR3CFD	1101-318B	2
BACN10JR3CFD	1101-318C	6
BACN10JR3F	1101-309B	8
BACN10JR3F	1101-318C	6
BACN10JR4F	1101-4F	2
BACN10KB4	1101-291	4
BACN10KB4	1101-302	4
BACN10KE4CCD	1102-98E	12
BACN10YR3CD	1101-149	4
BACN10YR3CD	1101-149	4
BACN10YR3CD	1101-163	4
BACN10YR3CD	1101-163	4
BACN10YR3CD	1101-193	2
BACN10YR3CD	1101-193	2
BACN10YR3CD	1101-207	4
BACN10YR3CD	1101-207	4
BACN10YR3CD	1101-309A	8
BACN10YR3CD	1101-318A	10

Part No.	Fig. and Index No.	Qty. per Assy.
BACN10YR3CD	1102-107	4
BACN10YR3CD	1102-3	4
BACN10YR4CD	1101-12	6
BACN10YR4CD	1101-254	8
BACN10YR4CD	1101-254	8
BACN10YR4CD	1102-135	1
BACN10YR4CM	1102-136	1
BACN10YR5	1101-41	1
BACN10YR5CD	1102-48	2
BACN10YR5CD	1102-48	2
BACR10V4	1101-270	4
BACR12AG2C	1101-2	4
BACR15BA3AD	1102-98F	24
BACR15BA3D	1101-290	8
BACR15BB3D	1101-241	1
BACR15BB3D	1101-248	1
BACR15BB5D	1101-241	4
BACR15BB5D	1101-248	4
BACR15BB6D	1101-220	1
BACR15CE5D	1101-275G	2
BACR15CE5D	1101-279G	2
BACR15CE5D	1102-98C	8
BACR15FT5D	1101-275G	2
BACR15FT5D	1101-279G	2
BACS11W3	1102-21	3
BACS11W3	1103-10	1
BACS11W5	1101-261	4
BACS12GU4K9	1102-134	2
BACS21AP22OR	1101-3	4
BACS21AP22ORP	1101-3	4
BACS21AP22ORP	1101-3	4
BACS40A12-12	1101-16	AR
BACS40B12-12	1101-17	AR
BACS40R007B007F	1101-16	AR
BACS40R007B007F	1101-16	AR
BACS40R007C007F	1101-17	AR
BACS40R007C007F	1101-17	AR
BACW10BP3DP	1102-106	4
BACW10P258AT	1101-117	4
BACW10P258AT	1101-131	2
BACW10P258AT	1101-83	4
BACW10UB10	1102-86B	2
BACWI0P258AT	1101-97	2
BSSR7570	1101-114	2
BSSR7570	1101-148	2
DREMS-023	1102-68A	1

Part No.	Fig. and Index No.	Qty. per Assy.
GSR2-93	1101-2	4
KBDE5-15	1102-68A	1
KR7-1	1101-114	2
KR7-1	1101-148	2
KRP139805VT	1101-159	2
KRP139805VT	1101-203	2
MS16562-10	1102-9	1
MS16562-22	1101-125	2
MS16562-22	1101-91	2
MS16625-4162	1102-140	1
MS20002C4	1101-268	4
MS20002C5	1101-43	1
MS20002C5	1101-43	1
MS20004-16	1102-32	1
MS20004-16	1102-32	1
MS20004-18	1102-33	1
MS20004-18	1102-33	1
MS20004-24	1101-267	4
MS20004-24	1102-32	4
MS20253-2-3220	1101-126	1
MS20253-2-3220	1101-92	1
MS20253P2-3218	1101-126	1
MS20253P2-3218	1101-92	1
MS20426D3	1101-301	8
MS20470D3	1101-4G	4
MS20470D5	1101-100	4
MS20470D5	1101-134	4
MS20470D5	1101-220	1
MS20615-6M3	1102-131	1
MS20615-6M3	1102-66	1
MS21209F5-20	1102-17	4
MS21209F5-20P	1102-17	3
MS2466-134	1101-95	1
MS24665-132	1101-156	2
MS24665-132	1101-200	2
MS24665-134	1101-115	2
MS24665-134	1101-119	1
MS24665-134	1101-129	1
MS24665-134	1101-152	1
MS24665-134	1101-152	1
MS24665-134	1101-196	1
MS24665-134	1101-196	1
MS24665-134	1101-81	2
MS24665-134	1101-85	1
MS24665-134	1102-44	1
MS24665-134	1102-60	1

Part No.	Fig. and Index No.	Qty. per Assy.
MS24665-135	1101-258	2
MS24665-136	1101-253A	8
MS24665-153	1101-152	1
MS24665-153	1101-196	1
MS24665-283	1102-114	1
MS24665-283	1102-81	1
MS24665-300	1102-121	1
MS24665-300	1102-1A	1
MS24665-359	1102-42	2
MS39086-13	1102-9	1
MS39086-13	1102-9	1
MSSR58-14BAC	1102-68A	1
NAS1103-16	1101-165	4
NAS1103-16	1101-209	4
NAS1103-18	1101-151	4
NAS1103-18	1101-195	2
NAS1103-3	1101-311	3
NAS1103-3	1101-320	3
NAS1103-4	1101-312	8
NAS1103-4	1101-321	8
NAS1103-5	1101-313	1
NAS1103-5	1101-322	1
NAS1104-10D	1101-122	1
NAS1104-11	1101-238	2
NAS1104-11	1101-238	2
NAS1104-11D	1101-88	1
NAS1104-13	1101-118	2
NAS1104-13	1101-84	2
NAS1104-13D	1101-132	1
NAS1104-13D	1101-155	1
NAS1104-13D	1101-155	1
NAS1104-13D	1101-199	1
NAS1104-13D	1101-199	1
NAS1104-13D	1101-98	1
NAS1104-26	1101-256	8
NAS1104-8	1101-288	4
NAS1104-8W	1101-299	4
NAS1105-11D	1102-63	1
NAS1105-11D	1102-63	1
NAS1105-13D	1101-262	2
NAS1105-13D	1102-47	1
NAS1105-13W	1101-264	
NAS1105-29	1102-50	2
NAS1105-54D	1101-263	2
NAS1149C0432R	1102-137	1
NAS1149C0432R	1102-138	1

Part No.	Fig. and Index No.	Qty. per Assy.
NAS1149D0563J	1102-125	1
NAS1149DN432J	1101-13	12
NAS1149FN432P	1101-13	12
NAS1197-10	1102-71	2
NAS1197-10	1102-71	2
NAS1197-10	1102-88	2
NAS1197-10	1102-88	2
NAS1197-416	1101-83	
NAS1197-416	1101-83	
NAS1197-416	1101-97	
NAS1352N06LB4P	1101-125A	2
NAS1352N06LB4P	1101-91A	2
NAS221-10	1101-5A	3
NAS221-10	1101-7	6
NAS221-11	1101-4B	4
NAS221-6	1101-10	3
NAS221-6	1101-5	14
NAS221-6	1101-8	2
NAS43DD3-21	1103-5	4
NAS464P3A16	1101-165	
NAS464PA11	1101-238	
NAS50-162	1102-54	1
NAS50-162	1102-54	1
NAS509-5	1101-108	2
NAS509-5	1101-142	2
NAS513-5	1101-107	2
NAS513-5	1101-141	2
NAS516-1	1101-160	1
NAS516-1	1101-174	1
NAS516-1	1101-181	1
NAS516-1	1101-191	1
NAS516-1	1101-204	1
NAS516-1	1101-218	1
NAS516-1	1101-227	1
NAS516-1	1101-236	1
NAS516-1	1101-275	1
NAS516-1	1101-279	1
NAS516-1	1101-293	1
NAS516-1	1101-304	1
NAS516-1	1102-26	1
NAS516-1A	1101-181	1
NAS516-1A	1101-218	1
NAS516-1A	1101-227	1
NAS537B10-066	1101-295	1
NAS537B10-066	1101-306	1
NAS537B16-044	1101-296	1

Part No.	Fig. and Index No.	Qty. per Assy.
NAS537B16-044	1101-307	1
NAS577-4A	1101-269	4
NAS578-4B	1101-270	4
NAS600-8P	1101-14	6
NAS602-10P	1101-24	87
NAS603-8P	1101-22A	1
NAS623-3-4	1101-25	54
NAS623-3-4	1101-25	53
NAS6603-15	1101-113	4
NAS6603-15	1101-147	4
NAS679A3W	1101-4C	2
NAS76A10-021	1101-286	1
NAS76A10-021	1101-298B	1
NAS76A16-014	1101-287	1
NAS76A16-014	1101-298A	1
NAS77A7-32	1101-276	2
NAS77A7-32	1101-280	2
NAS8200A8	1101-14	6
NHNE5-208	1102-68A	1
P37100	1101-114	2
P37100	1101-148	2
PACMKP25BA3908	1102-53	2
REM10ATC16-2	1102-68A	1
TFM105A	1102-68A	1
USB7-101	1101-114	2
USB7-101	1101-148	2
*[9]	1101-53	1
10-60779-164	1102-129	1
140N2722-1	1102-133	2
141A6104-13	1101-48	1
141A6104-14	1101-50	1
141A6104-15	1101-51	1
141A6104-16	1101-53	1
141A6221-7	1101-217	1
141A6221-8	1101-219	1
141A6310-3	1102-16	1
141A6310-4	1102-18	1
15-1074	1103-13	1
2-0-180	1101-3	4
2230-3	1102-21	4
2552-048RET	1101-270	4
30-3001	1101-49	1
30-3001	1101-52	1
30-3001	1101-55	1
30-3001	1101-58	1
30-3001	1101-61	1

Part No.	Fig. and Index No.	Qty. per Assy.
30-3001	1101-64	1
30-3001	1101-67	1
30-3001	1101-70	1
30-3001	1101-73	1
30-3001	1101-76	1
30-3001	1101-79	1
30-3002	1101-47	18
30-3004	1101-166	AR
30-3004	1101-166	AR
30-3004	1101-210	AR
30-3004	1101-210	AR
30-3008	1101-103	1
30-3008	1101-137	1
30-3008	1101-244	1
30-3008	1101-251	1
30-3008-1	1101-104	1
30-3008-1	1101-138	1
30-3008-1	1101-245	1
30-3008-1	1101-252	1
30-3010	1102-12	1
30-3013-1	1102-14	1
30-3013-2	1102-14	1
30-3013-2	1102-14	1
30-3019	1102-10	1
30-3019-1	1102-10	1
30-3019-1	1102-10	1
30-3020	1102-35	10
30-3020-1	1102-36	2
30-3021	1102-37	4
4088-5	1103-13	1
50-7945-1	1101-	RF
50-7945-1	1102-	RF
50-7945-105	1101-	RF
50-7945-105	1102-	RF
50-7945-114	1101-	RF
50-7945-114	1102-	RF
50-7945-119	1101-	RF
50-7945-119	1102-	RF
50-7945-125	1101-	RF
50-7945-125	1102-	RF
50-7945-142	1103-4	1
50-7945-143	1103-11	2
50-7945-150	1101-	RF
50-7945-150	1102-	RF
50-7945-151	1101-	RF
50-7945-151	1102-	RF

Part No.	Fig. and Index No.	Qty. per Assy.
50-7945-152	1101-	RF
50-7945-152	1102-	RF
50-7945-153	1101-	RF
50-7945-153	1102-	RF
50-7945-155	1101-	RF
50-7945-155	1102-	RF
50-7945-163	1101-94A	
50-7945-176	1101-	RF
50-7945-176	1102-	RF
50-7945-177	1101-	RF
50-7945-177	1102-	RF
50-7945-178	1101-	RF
50-7945-178	1102-	RF
50-7945-194	1101-	RF
50-7945-194	1102-	RF
50-7945-195	1101-	RF
50-7945-195	1102-	RF
50-7945-196	1101-	RF
50-7945-196	1102-	RF
50-7945-197	1101-	RF
50-7945-197	1102-	RF
50-7945-264	1101-	RF
50-7945-264	1102-	RF
50-7945-272	1101-	RF
50-7945-272	1102-	RF
50-7945-299	1101-	RF
50-7945-299	1102-	RF
50-7945-309	1102-	RF
50-7945-35	1101-6	1
50-7945-36	1101-9	1
50-7945-88	1101-	RF
50-7945-88	1102-	RF
50-7945-90	1101-	RF
50-7945-90	1102-	RF
50-7945-93	1101-	RF
50-7945-93	1102-	RF
50-7945-95	1101-	RF
50-7945-95	1102-	RF
50-8294-10	1101-278	1
50-8294-11	1101-277	1
50-8294-14	1101-281	1
50-8294-15	1101-274	1
50-8294-18	1101-278	1
50-8294-19	1101-277	1
50-8294-22	1101-281	1
50-8294-5	1101-274	1

Part No.	Fig. and Index No.	Qty. per Assy.
50-9318-11	1101-285	1
50-9318-2	1101-298	1
50-9318-6	1101-298C	1
50-9318-9	1101-287A	1
50-9369-1	1101-38	1
50-9369-2	1101-38	1
50-9758	1101-48	1
50-9758-10	1101-50	1
50-9758-3	1101-50	1
50-9758-5	1101-48	1
50-9758-6	1101-50	1
50-9758-7	1101-48	1
50-9758-7	1101-48	1
50-9758-8	1101-48	1
50-9758-8	1101-48	1
50-9758-8	1101-48	1
50-9758-8	1101-48	1
50-9759	1101-51	1
50-9759-10	1101-53	1
50-9759-12	1101-51	1
50-9759-12	1101-51	1
50-9759-12	1101-51	1
50-9759-12	1101-51	1
50-9759-14	1101-53	1
50-9759-15	1101-51	1
50-9759-15	1101-51	1
50-9759-15	1101-51	1
50-9759-18	1101-51	1
50-9759-19	1101-53	1
50-9759-20	1101-53	1
50-9759-21	1101-51	1
50-9759-21	1101-51	1
50-9759-5	1101-53	1
50-9759-6	1101-51	1
50-9759-7	1101-53	1
50-9759-8	1101-51	1
50-9759-9	1101-51	1
50-9759-9	1101-51	1
60-4364	1101-273	2
60-4364-1	1101-273	2
60-4364-1	1101-273	2
60-4364-2	1101-273	2
60-4364-2	1101-273	2
60-4364-3	1101-273	2
60-4364-4	1101-273	2
60-4364-4	1101-273	2

Part No.	Fig. and Index No.	Qty. per Assy.
60-4364-4	1101-273A	1
60-4364-4	1101-273B	1
60-4365	1101-257	2
60-4365	1101-257	2
60-4365-1	1101-257	2
60-4365-1	1101-257	2
60-4365-3	1101-257	2
60-4365-3	1101-257	2
60-4365-3	1101-257	2
60-4366	1102-51	1
60-4366-1	1102-51	1
60-4366-1	1102-51	1
60-4367	1102-38	1
60-4367-1	1102-39	1
60-4367-2	1102-40	1
60-4367-3	1102-40	1
60-4367-3	1102-41	1
60-4367-4	1102-38	1
60-4367-5	1102-39	1
60-4367-6	1102-40	1
60-4367-6	1102-40	1
60-4367-7	1102-41	1
60-4405	1102-43	2
60-4405-1	1102-43	2
60-4406	1101-183	1
60-4406	1101-229	1
60-4406-11	1101-183	1
60-4406-11	1101-183	1
60-4406-11	1101-229	1
60-4406-11	1101-229	1
60-4406-19	1101-183	1
60-4407-1	1102-86C	1
60-4409	1101-185	1
60-4409-1	1101-185	1
60-4409-1	1101-185	1
60-4412	1102-23	1
60-4431	1101-184	1
60-4431-1	1101-184	1
60-4431-1	1101-184	1
60-4453	1101-105	1
60-4453-1	1101-139	1
60-4454	1101-246	1
60-4454-1	1101-253	1
60-4455	1102-15	1
60-4455	1102-15	1
60-4455-1	1102-15	1

Part No.	Fig. and Index No.	Qty. per Assy.
60-4455-1	1102-15	1
60-4455-2	1102-15	1
60-4474-10	1101-271A	1
60-4474-10	1101-271A	1
60-4474-19	1101-271	1
60-4474-19	1101-271	1
60-4474-20	1101-271A	1
60-4474-20	1101-271A	1
60-4474-7	1101-271	1
60-4474-7	1101-271	1
60-4474-7	1101-271	1
60-4474-8	1101-271A	1
60-4474-8	1101-271A	1
60-4474-8	1101-271A	1
60-4474-9	1101-271	1
60-4474-9	1101-271	1
60-4481-1	1101-316	1
60-4481-1	1101-316	1
60-4481-2	1101-325	1
60-4481-3	1101-316	1
60-4482-1	1101-317	1
60-4482-2	1101-326	1
60-7208	1102-65	1
60-7208-1	1102-127	1
60-7208-1	1102-69	1
60-7208-2	1102-126	1
60-7208-2	1102-65	1
63-1058	1102-90	1
63-1058-2	1102-90	1
63-1058-2	1102-90	1
63-1058-2	1102-90	1
63-1059	1102-73	1
63-1059	1102-90	1
63-1059-1	1102-73	1
63-1059-1	1102-73	1
63-1059-1	1102-73	1
63-1059-1	1102-90	1
63-1059-1	1102-90	1
63-1059-1	1102-90	1
63-1059-1	1102-90	1
63-1478	1101-15	3
63-1478-1	1101-15	3
63-1692	1102-133	2
63-1692	1102-58	1
63-1692	1102-58	1
63-1692	1102-78	1

Part No.	Fig. and Index No.	Qty. per Assy.
63-1692	1102-78	1
63-2848	1102-13	1
63-9386	1102-2A	1
65-1398-2	1102-16	1
65-1398-4	1102-16	1
65-1642-1	1102-93	1
65-1642-1	1102-93	1
65-1642-23	1102-93	1
65-1642-24	1102-94	1
65-1642-38	1102-93	1
65-1642-38	1102-93	1
65-1642-39	1102-94	1
65-1642-40	1102-93	1
65-1642-40	1102-93	1
65-1642-41	1102-94	1
65-1642-6	1102-94	1
65-1647-10	1101-110D	1
65-1647-2	1101-110	1
65-1647-2	1101-110	1
65-1647-3	1101-110A	1
65-1647-4	1101-110	1
65-1647-4	1101-110	1
65-1647-4	1101-110	1
65-1647-4	1101-110	1
65-1647-7	1101-110	1
65-1647-7	1101-110	1
65-1647-8	1101-110C	1
65-1647-9	1101-110	1
65-1648-10	1101-144	1
65-1648-11	1101-144C	1
65-1648-4	1101-144	1
65-1648-4	1101-144	1
65-1648-5	1101-144	1
65-1648-5	1101-144	1
65-1648-5	1101-144	1
65-1648-5	1101-144	1
65-1648-6	1101-144A	1
65-1648-7	1101-144	1
65-1648-7	1101-144	1
65-1648-7	1101-144	1
65-1648-7	1101-144	1
65-1648-7	1101-144	1
65-1932-2	1102-86	1
65-1933	1102-64	1
65-1933-11	1102-64	
65-1933-16	1102-122	1

Part No.	Fig. and Index No.	Qty. per Assy.
65-1933-16	1102-64	1
65-1933-16	1102-64	1
65-1933-3	1102-64	1
65-1933-3	1102-64	1
65-1933-3	1102-64	1
65-1933-504	1102-64	1
65-1933-504	1102-64	1
65-1933-506	1102-64	1
65-1933-506	1102-64	1
65-1933-6	1102-64	
65-2047-10	1101-182	1
65-2047-13	1101-226	1
65-2047-13	1101-226	1
65-2047-14	1101-180	1
65-2047-15	1101-228	1
65-2047-16	1101-182	1
65-2047-17	1101-180	1
65-2047-17	1101-180	1
65-2047-18	1101-182	1
65-2047-19	1101-226	1
65-2047-20	1101-228	1
65-2047-21	1101-180	1
65-2047-22	1101-182	1
65-2047-7	1101-226	1
65-2047-7	1101-226	1
65-2047-8	1101-180	1
65-2047-8	1101-180	1
65-2047-9	1101-228	1
65-2048-2	1101-173	1
65-2048-2	1101-217	1
65-2048-2	1101-217	1
65-2048-3	1101-175	1
65-2048-3	1101-219	1
65-2122	1101-54	1
65-2122-1	1101-56	1
65-2122-3	1101-54	1
65-2122-4	1101-54	1
65-2122-5	1101-56	1
65-2124	1101-23	1
65-2124-1	1101-25A	2
65-2124-25	1101-25A	1
65-2124-25	1101-25A	1
65-2124-3	1101-23	1
65-2306	1101-190	2
65-2306	1101-235	1
65-2306-1	1101-192	1

Part No.	Fig. and Index No.	Qty. per Assy.
65-2306-1	1101-237	1
65-25838-3	1101-294	1
65-25838-4	1101-305	1
65-25838-7	1101-297	1
65-25838-8	1101-308	1
65-27472-2	1101-4A	1
65-2863	1101-11	1
65-2863-3	1101-11	1
65-2863-7	1101-11	1
65-2863-8	1101-11	1
65-28925-1	1101-99	1
65-28925-13	1101-105	1
65-28925-14	1101-139	1
65-28925-15	1101-246	1
65-28925-16	1101-253	1
65-28925-2	1101-133	1
65-28925-3	1101-240	1
65-28925-4	1101-247	1
65-28925-67	1101-99	1
65-28925-68	1101-133	1
65-28925-69	1101-240	1
65-28925-70	1101-247	1
65-29994-1	1101-265	1
65-29994-11	1101-265	1
65-29994-13	1101-265	1
65-29994-2	1101-265	1
65-29994-4	1101-265	1
65-29994-5	1101-265	1
65-29994-501	1101-265	1
65-29994-6	1101-265	
65-29994-7	1101-265	1
65-29995-1	1101-274	1
65-29995-2	1101-278	1
65-31057	1102-16	1
65-31057-2	1102-16	1
65-31057-3	1102-16	1
65-31057-4	1102-16	1
65-51276-10	1101-54	
65-51276-11	1101-56	1
65-51276-4	1101-54	1
65-51276-5	1101-56	1
65-51276-8	1101-56	1
65-51276-9	1101-54	1
65-51687-1	1102-16	1
65-51687-10	1102-16	1
65-51687-11	1102-18	1
65-51687-3	1102-18	1

Part No.	Fig. and Index No.	Qty. per Assy.
65-51687-4	1102-16	1
65-51687-4	1102-16	1
65-51687-5	1102-18	1
65-51687-501	1102-18	1
65-54013	1102-86	1
65-54013-503	1102-100	1
65-54013-503	1102-86	1
65-54024-3	1102-64	1
65-85986-1	1101-274	1
65-85986-2	1101-278	1
65-86784-1	1101-274	1
65-86784-1	1101-274	1
65-86784-10	1101-277	1
65-86784-11	1101-276A	1
65-86784-11	1101-280A	1
65-86784-12	1101-277	1
65-86784-13	1101-281	1
65-86784-14	1101-274	1
65-86784-15	1101-278	1
65-86784-2	1101-278	1
65-86784-2	1101-278	1
65-86784-5	1101-274	1
65-86784-6	1101-278	1
65-86784-7	1101-278	1
65-86784-7	1101-278	1
65-86784-8	1101-281	1
65-86784-9	1101-274	1
65-86784-9	1101-274	1
65-8795-801	1102-123	1
65-8795-801	1102-64A	1
65-8795-801	1102-64A	1
65-95479-2	1101-51	1
65-95479-3	1101-51	1
65C15976-10	1101-328	1
65C15976-10	1103-	RF
65C19113-10	1101-328	1
65C19113-10	1103-	RF
65C34050-1	1101-226	1
65C34050-1	1101-226	1
65C34050-2	1101-180	1
65C34050-2	1101-180	1
65C34050-3	1101-228	1
65C34050-4	1101-182	1
65C35480-1	1101-90	1
65C35480-1	1101-90	1
65C35480-3	1101-124	1
65C35480-3	1101-124	1

Part No.	Fig. and Index No.	Qty. per Assy.
65C35733-2	1101-94A	1
65C35733-3	1101-128	1
65C36624-1	1102-95	1
65C36624-2	1102-105	4
65C36624-2	1102-95	1
65C36625-1	1102-96	1
65C36625-2	1102-97	1
65C36625-4	1102-96	1
65C36625-5	1102-97	1
65C36666-1	1101-30M	1
65C36666-2	1101-30	1
65C36793-1	1102-98	2
65C36857-1	1102-115	1
65C36857-2	1102-116	1
65C37129-1	1102-52	
65C37129-1	1102-52	1
65C37130-1	1101-273B	1
65C37130-2	1101-273A	1
65C37150-1	1101-257	2
65C37150-1	1101-257	2
65C37361-1	1101-271	1
65C37361-2	1101-271A	1
65C37361-7	1101-271A	1
66-10363	1101-44	1
66-12687-1	1101-47	18
66-12688-1	1101-49	1
66-12688-1	1101-52	1
66-12688-1	1101-55	1
66-12688-1	1101-58	1
66-12688-1	1101-61	1
66-12688-1	1101-64	1
66-12688-1	1101-67	1
66-12688-1	1101-70	1
66-12688-1	1101-73	1
66-12688-1	1101-76	1
66-12688-1	1101-79	1
66-12688-11	1101-49	1
66-12688-11	1101-52	1
66-14542-1	1102-23	1
66-15332-1	1101-166	AR
66-15332-1	1101-210	AR
66-15493-1	1101-289	1
66-15493-1	1101-300	1
66-16691-1	1101-46	18
66-1921	1101-22	1
66-1921-1	1101-22	1
66-1921-2	1101-22	1

Part No.	Fig. and Index No.	Qty. per Assy.
66-24075	1101-47	18
66-24075-3	1101-47	AR
66-24076	1101-49	1
66-24076	1101-52	1
66-24076	1101-55	1
66-24076	1101-58	1
66-24076	1101-61	1
66-24076	1101-64	1
66-24076	1101-67	1
66-24076	1101-70	1
66-24076	1101-73	1
66-24076	1101-76	1
66-24076	1101-79	1
66-24884-1	1101-289	1
66-24884-1	1101-300	1
66-2620-1	1101-109	2
66-2620-1	1101-143	2
66-2646	1101-18	1
66-4412	1102-23	1
66-9776	1101-4H	2
69-1083	1101-20	1
69-1083-2	1101-20	1
69-1084	1101-21	1
69-1084-2	1101-21	1
69-12003	1101-37	1
69-12003-1	1101-36	1
69-12003-10	1101-36M	1
69-12003-11	1101-37M	1
69-12003-4	1101-36M	1
69-12003-4	1101-36M	1
69-12003-5	1101-37M	1
69-12003-5	1101-37M	1
69-12003-6	1101-36	1
69-12003-7	1101-37	1
69-1948-10	1101-59	1
69-1948-11	1101-57	1
69-1948-12	1101-59	1
69-1948-2	1101-57	1
69-1948-3	1101-59	1
69-1948-4	1101-57	1
69-1948-5	1101-57	1
69-1948-6	1101-59	1
69-1948-7	1101-57	1
69-1948-8	1101-59	1
69-1948-9	1101-57	1
69-1948-9	1101-57	1
69-1948-9	1101-57	1

Part No.	Fig. and Index No.	Qty. per Assy.
69-1949-2	1101-60	1
69-1949-3	1101-62	1
69-1949-4	1101-60	1
69-1949-5	1101-60	1
69-1949-5	1101-60	1
69-1949-6	1101-62	1
69-1949-7	1101-60	1
69-1949-7	1101-60	1
69-1949-8	1101-62	1
69-1949-9	1101-60	1
69-1983	1101-19	1
69-1983-7	1101-19	1
69-20200-10	1101-4D	1
69-20200-9	1101-4E	1
69-22323-1	1101-285	1
69-22323-10	1101-298	1
69-22323-10	1101-298	1
69-22323-10	1101-298	1
69-22323-15	1101-298	1
69-22323-16	1101-303	1
69-22323-2	1101-298	1
69-22323-3	1101-292	1
69-22323-4	1101-303	1
69-22323-5	1101-285	1
69-22323-6	1101-298	1
69-22323-7	1101-292	1
69-22323-8	1101-303	1
69-22323-9	1101-285	1
69-22323-9	1101-285	1
69-37418-10	1101-167	2
69-37418-10	1101-211	2
69-37418-2	1101-167	2
69-37418-2	1101-167	2
69-37418-2	1101-211	2
69-37418-2	1101-211	2
69-37418-3	1101-167	2
69-37418-3	1101-167	2
69-37418-3	1101-167	2
69-37418-3	1101-167	2
69-37418-3	1101-211	2
69-37418-3	1101-211	2
69-37418-3	1101-211	2
69-37418-3	1101-211	2
69-37418-5	1101-167	2
69-37418-5	1101-211	2
69-37418-502	1101-167	2
69-37418-502	1101-167	2

Part No.	Fig. and Index No.	Qty. per Assy.
69-37418-502	1101-167	2
69-37418-502	1101-167	2
69-37418-502	1101-167	2
69-37418-502	1101-211	2
69-37418-502	1101-211	2
69-37418-502	1101-211	2
69-37418-502	1101-211	2
69-37418-502	1101-211	2
69-37418-502	1101-211	2
69-37418-502	1101-211	2
69-37418-9	1101-167	4
69-37418-9	1101-211	4
69-38733-1	1102-80	1
69-38733-1	1102-80	1
69-38733-2	1102-85	1
69-48008	1101-159	2
69-48008	1101-159	2
69-48008	1101-159	2
69-48008	1101-203	2
69-48008	1101-203	2
69-48008	1101-203	2
69-48008-1	1101-161	1
69-48008-1	1101-205	1
69-48008-2	1101-162	1
69-48008-2	1101-206	1
69-5338-4	1101-265	1
69-5338-5	1101-265	1
69-5338-6	1101-265	1
69-61511-1	1102-25	1
69-61511-1	1102-25	1
69-61511-2	1102-27	1
69-64120-2	1103-12	1
69-71372-1	1101-230	1
69-71372-3	1101-230	1
69-71372-3	1101-230	1
69-78344-1	1101-28	1
69-78344-2	1101-29	1
69-78344-3	1101-26	1
69-78344-4	1101-27	1
69-78694-1	1102-98A	4
69-78694-2	1102-98B	4
69-78705-1	1101-275H	1
69-78705-2	1101-279H	1
69-9307-1	1101-30M	1
69-9307-1	1101-30M	1
69-9307-2	1101-31M	1
69-9307-5	1101-30M	1
69-9307-5	1101-30M	1

Part No.	Fig. and Index No.	Qty. per Assy.
69-9307-6	1101-31M	1
69-9307-9	1101-31M	1
69B10068-4	1102-102	2
69V10016-1	1101-328	1
69V10016-1	1103-	RF
69V10016-2	1101-328	1
69V10016-2	1103-	RF
77266	1102-68A	1
90-10001-1	1101-167	2
90-10001-1	1101-167	2
90-10001-1	1101-167	2
90-10001-1	1101-167	2
90-10001-1	1101-167	2
90-10001-1	1101-211	2
90-10001-1	1101-211	2
90-10001-1	1101-211	2
90-10001-1	1101-211	2
90-10001-1	1101-211	2
90-10072	1101-266	1
90-10072-1	1101-266	1
90-10072-2	1101-266	1
90-10072-2	1101-266	1
90-6753-1	1102-52	1
90-6753-1	1102-52	1
90-6753-16	1102-52	1
90-6753-16	1102-52	1
90-6753-16	1102-52	1
90-6753-20	1102-52	1
90-6753-9	1102-52	1
90-6753-9	1102-52	1
90-7804-1	1101-63	2
90-7804-10	1101-68	1
90-7804-11	1101-63	2
90-7804-12	1101-66	4
90-7804-13	1101-65	1
90-7804-14	1101-68	1
90-7804-15	1101-66B	1
90-7804-16	1101-68	1
90-7804-17	1101-63	2
90-7804-17	1101-63	2
90-7804-18	1101-66A	3
90-7804-18	1101-66A	3
90-7804-19	1101-65	1
90-7804-2	1101-66	4
90-7804-20	1101-68	1
90-7804-21	1101-66B	1
90-7804-21	1101-66B	1

Part No.	Fig. and Index No.	Qty. per Assy.
90-7804-22	1101-68	1
90-7804-3	1101-65	1
90-7804-4	1101-68	1
90-7804-5	1101-63	2
90-7804-6	1101-66	4
90-7804-7	1101-63	2
90-7804-7	1101-63	2
90-7804-8	1101-66	4
90-7804-8	1101-66	4
90-7804-9	1101-65	1
90-7805	1101-69	1
90-7805-1	1101-71	1
90-7805-2	1101-69	1
90-7805-3	1101-69	
90-7805-3	1101-69	1
90-7805-4	1101-71	1
90-7805-5	1101-69	1
90-7805-5	1101-69	1
90-7805-6	1101-71	1
90-7807-1	1101-72	4
90-7807-10	1101-77	1
90-7807-11	1101-72A	
90-7807-12	1101-75	
90-7807-13	1101-74	
90-7807-14	1101-77	
90-7807-15	1101-74	1
90-7807-16	1101-77	1
90-7807-17	1101-72A	1
90-7807-18	1101-75	1
90-7807-19	1101-72A	1
90-7807-2	1101-75	1
90-7807-20	1101-75	1
90-7807-21	1101-74	1
90-7807-22	1101-77	1
90-7807-23	1101-72	3
90-7807-23	1101-72	3
90-7807-24	1101-74	1
90-7807-25	1101-72A	1
90-7807-25	1101-72A	1
90-7807-26	1101-75	1
90-7807-26	1101-75	1
90-7807-27	1101-74	1
90-7807-28	1101-77	1
90-7807-3	1101-74	1
90-7807-4	1101-77	1
90-7807-5	1101-72	4
90-7807-6	1101-75	1

Part No.	Fig. and Index No.	Qty. per Assy.
90-7807-7	1101-72	4
90-7807-7	1101-72	3
90-7807-8	1101-75	1
90-7807-9	1101-74	1
90-7808	1101-78	1
90-7808-1	1101-80	1
90-7808-2	1101-78	1
90-7808-3	1101-78	1
90-7808-3	1101-78	1
90-7808-4	1101-80	1
90-7808-5	1101-78	1
90-7808-5	1101-78	1
90-7808-6	1101-80	1
90-7809-15	1101-30	1
90-7809-15	1101-30	1
90-7809-16	1101-31	1
90-7809-19	1101-32	1
90-7809-20	1101-33	1
90-7809-21	1101-34	1
90-7809-22	1101-35	1
90-7809-23	1101-30	1
90-7809-23	1101-30	1
90-7809-24	1101-31	1
90-7809-26	1101-31	1
90-7809-3	1101-26	1
90-7809-3	1101-26	1
90-7809-4	1101-27	1
90-7809-4	1101-27	1
90-7809-5	1101-28	1
90-7809-5	1101-28	1
90-7809-6	1101-29	1
90-7809-6	1101-29	1
90-7810	1101-45	1
90-7810	1101-45	1
90-7810-1	1101-45	1
90-7811	1102-7	1
90-7815	1102-80A	1
90-7815	1102-80A	1
90-7815-1	1102-80	1
90-7815-1	1102-80	1
90-7815-1	1102-80	1
90-7815-1	1102-80A	1
90-7815-1	1102-80A	1
90-7815-1	1102-80A	1
90-7815-15	1102-108	1
90-7815-15	1102-80	1
90-7815-15	1102-80	1

Part No.	Fig. and Index No.	Qty. per Assy.
90-7815-15	1102-80	1
90-7815-17	1102-108	1
90-7815-17	1102-80	1
90-7815-17	1102-80	1
90-7815-17	1102-80	1
90-7815-19	1102-109	1
90-7815-19	1102-85	1
90-7815-2	1102-85	1
90-7815-21	1102-109	1
90-7815-21	1102-85	1
90-7815-3	1102-85	1
90-7816	1101-90	1
90-7816-1	1101-124	1
90-7816-10	1101-94	1
90-7816-11	1101-128	1
90-7816-4	1101-127	1
90-7816-4	1101-93	1
90-7816-5	1101-128	1
90-7816-6	1101-94	1
90-7816-7	1101-90	1
90-7816-8	1101-124	1
90-7816-9	1101-127	1
90-7816-9	1101-93	1
90-7820	1102-25	1
90-7820-1	1102-27	1
90-7821	1102-8	1
90-7823	1101-99	1
90-7823-1	1101-133	1
90-7823-2	1101-240	1
90-7823-3	1101-247	1
90-7825-2	1101-230	1
90-7826-13	1101-1	1
90-7826-14	1101-1	1
90-7826-15	1101-1	1
90-7826-16	1101-4	4
90-7826-2	1101-1	1
90-7826-4	1101-4	1
90-7879	1102-6	1
90-7879-5	1102-6	1