

BOEING
OVERHAUL MANUAL

TO: ALL HOLDERS OF KRUEGER FLAP AND TAILGATE ASSEMBLIES NO. 2 AND NO. 3
OVERHAUL MANUAL, 57-56-42

REVISION NO. 9, DATED NOV 1/07

HIGHLIGHTS

DESCRIPTION OF CHANGE	TOPICS AFFECTED												
	D & O	D / A s s y	C l e a n i n g	I n s p / C h k	R e p a i r	A s s y	F / C	T e s t	T / S h o o t i n g	S / T o o l s	S t o r a g e	I P L	L / O v e r h a u l
Added optional parts for (68) and (69)												X	
Revised/updated vendor contact information												X	

Nov 1/07

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HIGHLIGHTS
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KRUEGER FLAP AND TAILGATE ASSEMBLIES NO. 2 AND NO. 3

57-56-42

| BOEING P/N 65-46425-7, -8, -17, -18, -25 thru -36

AIRLINE P/N

THE FOLLOWING DIRECTIVES APPLY TO THIS SUBJECT:			
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* Indicates pages revised, added or deleted in latest revision
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101	Sep 1/97	1117	Sep 1/97		
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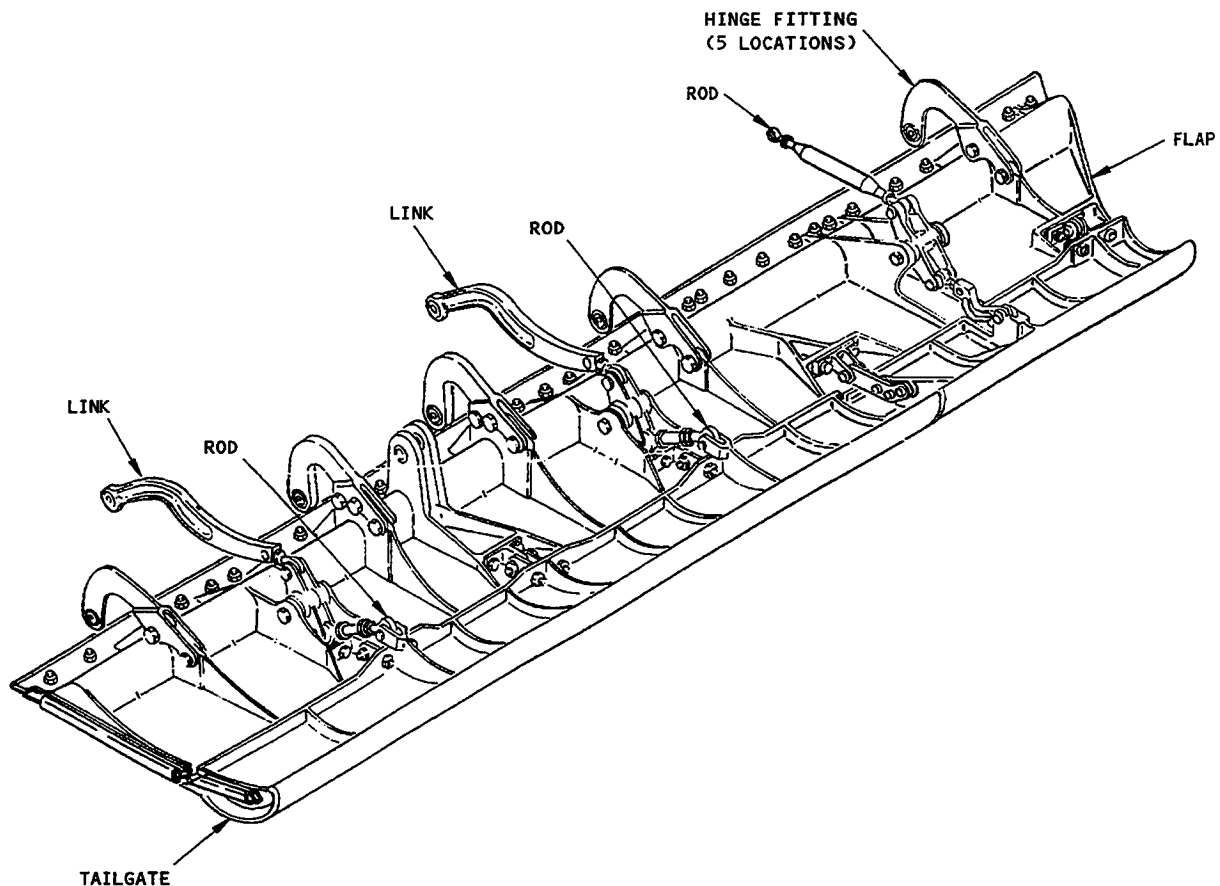
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*[1] Special instructions are not necessary. Use standard industry practices and the instructions in SOPM 20-44-02 and 20-70-01.

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KRUEGER FLAP AND TAILGATE ASSEMBLIES NO. 2 AND 3



Krueger Flap and Tailgate Assemblies No. 2 and 3
Figure 1

DESCRIPTION AND OPERATION

1. Description

- A. The Krueger flap and tailgate assembly is a flap with a tailgate at the trailing edge. The unit includes hinge fittings, cranks, and links. Rods and other linkage connect the tailgate to the flap.
- B. The flap is an aluminum casting with ribs and stiffeners, and steel bushings at attachment points.
- C. The tailgate is a two-piece aluminum casting.

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2. Operation

- A. The Krueger flap and tailgate assemblies are on the leading edge of each wing near the fuselage. They help the slats and the trailing edge flaps give the airplane more lift at the slow speeds of take-off and landing.
- B. The tailgate helps make the flap smooth with the wing structure. The linkage moves the tailgate into position when the main flap is operated. The hinge fittings connect the Krueger flap and tailgate assembly to the front spar of the wing.

DISASSEMBLY

NOTE: Refer to Fig. 1101 for item numbers.

1. Put the flap assembly in a holding fixture.
2. Linkage
 - A. Remove cotter pin (1), nut (2), washer (3), and bolt (4). Remove rod assembly (5).
 - B. Remove rod end bearings (9 and 10), and jamnuts (7, 8) from rod (6).
 - C. Remove cotter pins (11), nuts (12), washers (13), bolts (14, 15), and clamp-up bushing (16). Remove link assembly (18).
 - D. Remove rod end bearing (23), cylindrical nut (22), jamnut (20), and washer (21) from link assembly (18).
 - E. Remove cotter pin (25), nut (26), bolt (28), and washer (27). Remove crank assembly (29).
 - F. Remove cotter pins (33), nuts (34), washers (35), and bolts (36). Remove link assemblies (37).
 - G. Remove rod end bearing (42), jamnut (39), washer (40), and cylindrical nut (41) from each link (38).
 - H. Remove cotter pins (44), nuts (45), washers (46), bolts (47, 48), and clamp-up bushings (49). Remove rod assemblies (50, 57).

CAUTION: ONE END OF ROD (51, 58), JAMNUT (54, 61), AND ROD END BEARINGS (56, 63) HAVE LEFT-HAND THREADS.

- I. Remove rod end bearings (55, 56, 62, 63) and jamnuts (53, 54, 60, 61) from rods (51, 52, 58, 59).

- J. Remove cotter pins (64), nuts (65), bolts (67), and washers (66). Remove crank assemblies (68).

3. Tailgate and Lug Assemblies

NOTE: If the shims are bonded in position, do not remove them unless replacement is necessary.

- A. Remove nuts (72, 76), washers (73, 77), and bolts (74, 78). Remove tailgate assembly (185) and shims (75). Measure and make a note of the thickness of shims to make new shims if replacement is necessary.
- B. Remove cotter pins (79, 84), nuts (80, 85), washers (81, 86), bolts (82, 87), and bushing (83). Remove lug assemblies (88) and hinge assemblies (92).
- C. Remove nuts (95, 103), washers (96, 104), and bolts (97, 105). Remove lug assemblies (100, 107), shims (98, 106), and fillers (99). Measure and make a note of the thickness of shims to make new shims if replacement is necessary.
- D. Remove nuts (110), washers (111), and bolts (112, 113). Remove tailgate assembly (189) and shims (114). Measure and make a note of the thickness of shims to make new shims if replacement is necessary.
- E. Remove cotter pins (121), nuts (122), washers (123), and bolts (124). Remove lug assemblies (115, 118).
- F. Remove nuts (125), washers (126), and bolts (127, 128). Remove lug assemblies (130) and shims (129). Measure and make a note of the thickness of shims to make new shims if replacement is necessary.

4. Hinges

NOTE: If the shims are bonded in position, do not remove them unless replacement is necessary. Make a note of the location of each hinge and, if the shims must be removed, make a note of the thickness and location of each shim to help during assembly.

- A. Remove nuts (133, 140), washers (134, 141), and bolts (135, 142). Remove hinge fitting assemblies (137, 144) and shims (136, 143).
- B. Remove nuts (147), washers (148), and bolts (149). Remove hinge fitting assembly (151) and shims (150). Do not remove sensor actuators (155, 156) or support block (157) from hinge fitting unless necessary for repair or replacement.
- C. Remove nuts (158), washers (159), and bolts (160). Remove hinge fitting assemblies (162) and fillers (161).

5. Aerodynamic Seals

- A. Remove nuts (166), washers (167), and bolts (168). Remove seals (169, 170).
- B. Cut lockwire and remove seal (171) from flap assembly (193). Remove nuts (172), washers (173), and bolts (174). Remove retainer (175).
- C. Cut lockwire and remove seal (176) from tailgate assembly (189). Remove nuts (177), washers (178), and bolts (19). Remove retainer (180).
- D. Remove nuts (181) and bolts (182). Remove retainer (183) and seal (184).
- E. Remove rub strips (198, 199) from flap assembly (193). Peel them off, or scrape them off with a sharp-edged wooden or plastic tool.

CLEANING

1. Clean all metal parts but bearings by standard industry practices.
2. Clean all bearings only by the special method for teflon-lined bearings in SOPM 20-30-01.

INSPECTION/CHECK

1. Examine all parts for defects by standard industry practices. Refer to Fits and Clearances for design dimensions and wear limits. Do the penetrant and magnetic particle checks only if you think there are defects.
2. Magnetic particle check per SOPM 20-20-01 – rods (51, 58) hinges (145, 163).
3. Penetrant check per SOPM 20-20-01 – link (19), cranks (30, 69), tailgates (186, 190), flap (194), hinges (138, 152).

1. Materials

NOTE: Equivalent substitutes can be used.

- A. Primer -- BMS 10-11, Type 1 (Ref SOPM 20-60-02)
- B. Enamel -- BMS 10-79, Type 2 (Ref SOPM 20-60-02)
- C. Enamel -- BMS 10-11, Type 2 (Ref SOPM 20-60-02)
- D. Enamel -- BMS 10-60 (Ref SOPM 20-60-02)
- E. Adhesive -- Type 38 (Ref SOPM 20-50-12)
- F. Adhesive -- Type 44 (Ref SOPM 20-50-12)
- G. Grease -- MIL-G-23827 (Ref SOPM 20-60-03)

2. Repair

- A. Remove small defects by standard industry practices. Refer to Fits and Clearances for design dimensions and wear limits.

3. Refinish (Fig. 1101)

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

- A. Rod (6) -- Passivate (F-8.07). Apply BMS 10-11, Type 1 primer (SRF-12.205) all over. Material: 304 CRES.
- B. Rod assembly (5) -- Apply BMS 10-11, Type 2 enamel (SRF-12.63), but not on rod ends.
- C. Links (19, 38) -- Chemical treat or chromic acid anodize and apply primer, BMS 10-11, Type 1 (SRF-2.30) all over, but no primer in holes for bearings. Material: Al alloy.
- D. Link assemblies (18, 37) -- See Fig. 401.
- E. Cranks (30, 69) -- Chemical treat or chromic acid anodize and apply primer, BMS 10-11, Type 1 (SRF-2.30) all over, but no primer in holes for bushing or bearings. Material: Al alloy.
- F. Crank assemblies (29, 68) -- See Fig. 401.
- G. Rods (51, 58) -- Cadmium plate (F-1.19) all over. Material: 4340 steel, 150-170 ksi.

- H. Cranks (69)
- (1) Cranks 65-49528-10, -14 -- Chemical treat or chromic acid anodize and apply primer BMS 10-11, Type 1 (SRF-2.30). Material: Al alloy
 - (2) Cranks 65-49528-18 -- Chemical treat and apply primer BMS 10-11, Type 2 (F-18.06). Material: Al alloy
- I. Lugs (89, 101, 108, 116, 119, 131) and hinges (93) -- Chemical treat or chromic acid anodize and apply primer BMS 10-11, Type 1 (SRF-2.30) all over, but no primer in bore. Material: Al alloy.
- J. Lug assemblies (88, 100, 107, 115, 118, 130) and hinge assembly (92) -- Apply BMS 10-60 enamel (SRF-14.9814), but not on bearings or bushings.
- K. Hinges (145, 163) -- Cadmium plate and apply BMS 10-11, Type 1 primer (SRF-1.28, which replaces SRF-1.283) all over. Material: 4340 steel, 150-170 ksi.
- L. Hinge fitting assemblies (137, 144, 151, 162) -- Apply BMS 10-11, Type 2 enamel (SRF-12.63) all over, but not on the bearing.
- M. Retainers (175, 180) -- Chemical treat and apply primer BMS 10-11, Type 1 (F-18.05) and BMS 10-60 enamel (SRF-14.9813) all over. Material: Al alloy.
- N. Tailgates (186)
- (1) 69-61909-7, -8 -- Anodize (F-2.20). Apply primer BMS 10-11, Type 1 (SRF-12.205) but not in holes. Material: Al alloy.
 - (2) 69-61909-11, -12 -- Chromic acid anodize (F-17.04). Apply primer BMS 10-79, Type 2 (F-19.46), the holes included.
- O. Tailgates (190) -- Chromic acid anodize (F-17.04). Apply primer BMS 10-79, Type 2 (F-19.46), the holes included. Material: Al alloy.
- P. Tailgate assemblies (185, 189) -- Apply BMS 10-11, Type 1 primer (SRF-14.967) all over, but not on bushings. Or apply finish to agree with the airline's color scheme.
- Q. Flap (194) -- Anodize (F-2.20). Apply BMS 10-11, Type 1 primer (SRF-12.205) all over, but not in holes. Material: Al alloy.
- R. Flap assembly (193)
- (1) 65-76173-1, -2 -- Apply BMS 10-11, Type 1 primer (SRF-14.967) all over, but not on bushings. Overspray on the bushings is permitted.
 - (2) 65-76173-5, -6, -7, -8 -- Apply BMS 10-79, Type 2 primer and BMS 10-60, Type 2 enamel (F-14.9864-707) to exterior surface. Apply BMS 10-11, Type 1 primer (SRF-14.967) (F-14.9864-707 optional) to interior surface. Mask all bushings. Overspray on the bushings is permitted, as is overspray of the two different finishes.
 - (3) Use primer BMS 10-79, Type 2 (F-19.46) under decorative surfaces. BMS 10-79, Type 2 is the preferred option to primer BMS 10-11, Type 1.

4. Replacement (Fig. 1101)

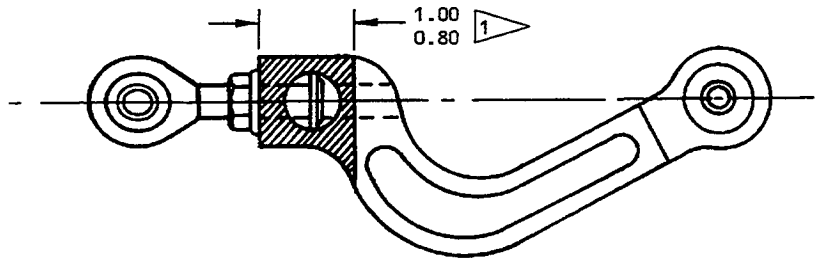
- A. Replace all worn or damaged parts if they cannot be repaired.
- B. Replace all cotter pins at each overhaul.
- C. Replace all rubber or fabric seals at each overhaul.
- D. Replace rub strips (198, 199) at each overhaul. Bond a replacement rub strip in position with Type 44 adhesive per SOPM 20-50-12.
- E. Bearings (24, 31, 43, 70, 94, 102, 132, 139, 146, 153, or 164):
 - (1) Remove the old bearing.
 - (2) Install a replacement bearing with MIL-G-23827 grease.
 - (3) Roller swage the bearing per SOPM 20-50-03.
- F. Bushings
 - (1) Remove the old bushings. You can press them out.
 - (2) Install replacement bushings by the shrink fit or press fit method of SOPM 20-50-03.
 - (3) If necessary, machine bushings (195) to 0.6250-0.6265 inch thru in-line design diameter.
- G. Shims (98, 106, 114, 129, 136, 143, or 150)
 - (1) Remove 0.003-inch laminations, as necessary, to adjust the thickness of the basic replacement shim to the value you measured when you removed the shim.
 - (2) Drill holes through the shim to agree with the holes in the mating adjacent parts.
 - (3) Remove burrs from the hole edges.
 - (4) Apply primer BMS 10-11, Type 1 to the shim.
- H. Sensor actuators (155,156) support block (157).
 - (1) Remove the old actuators and blocks.
 - (2) Bond replacement actuators and blocks in position with Type 38 adhesive per SOPM 20-50-12 and rivets (154).
- I. Tailgate (186 or 190) or flap (194).

NOTE: Flap and tailgate become a matched set when drilled for attaching parts during initial assembly.

- (1) Drill holes in the replacement part with the help of the mating part and master tooling, or with the old part as a pattern.
- (2) We recommend that assemblies be returned to Boeing for repair when replacement of the flap or the tailgate is necessary.

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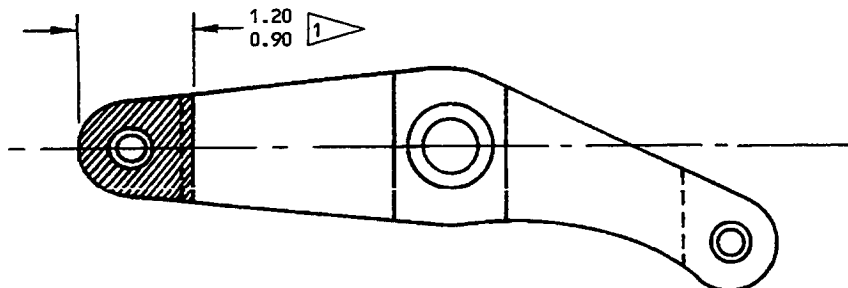
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REFINISH

APPLY BMS 10-60 COLOR 7025 ENAMEL (SRF-14.9814) BUT NOT ON BUSHINGS, BEARINGS, OR AREAS SHOWN BY . OVERSPRAY ON BUSHING EDGES OR BEARING OUTER RACES IS PERMITTED

LINK ASSY (18)



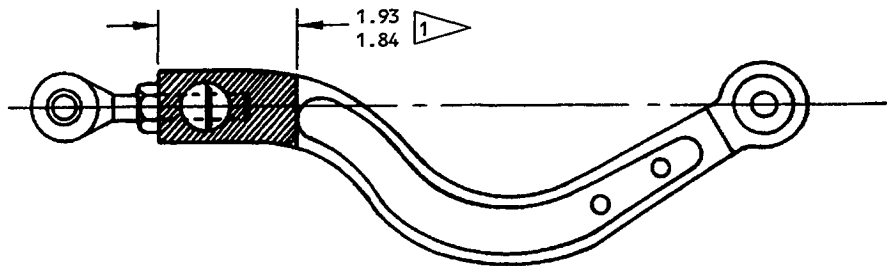
REFINISH

APPLY BMS 10-60 COLOR 7025 ENAMEL (SRF-14.9814) BUT NOT ON BUSHINGS, BEARINGS, OR AREAS SHOWN BY . OVERSPRAY ON BUSHING EDGES OR BEARING OUTER RACES IS PERMITTED

CRANK ASSY (29)

 APPLY BMS 10-60 ENAMEL (SRF-14.9815-701) ALL OVER THE SHADED AREA, BUT NOT IN HOLES OR ON BEARINGS OR BUSHINGS

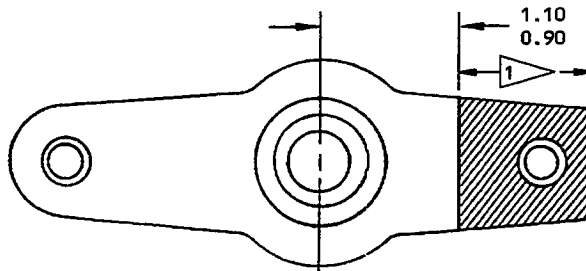
Crank and Link Assembly Refinish
Figure 401 (Sheet 1)



REFINISH

APPLY BMS 10-60 COLOR 707 ENAMEL
(SRF-14.9813) BUT NOT ON BUSHINGS,
BEARINGS, OR AREAS SHOWN BY 1.
OVERSPRAY ON BEARING
OUTER RACES IS PERMITTED

LINK ASSY (37)



REFINISH

APPLY BMS 10-60 COLOR 707 ENAMEL
(SRF-14.9813) BUT NOT ON BUSHINGS,
BEARINGS, OR AREAS SHOWN BY 1.
OVERSPRAY ON BUSHING EDGES OR BEARING
OUTER RACES IS PERMITTED

CRANK ASSY (68)

1 APPLY BMS 10-60 ENAMEL (SRF-14.9815-701)
ALL OVER THE SHADED AREA, BUT NOT IN
HOLES OR ON BEARINGS OR BUSHINGS

Crank and Link Assembly Refinish
Figure 401 (Sheet 2)

ASSEMBLY

NOTE: Refer to Fig. 1101 for item numbers.

1. Materials

NOTE: Equivalent substitutes can be used.

- A. Primer -- BMS 10-11, Type 1 (Ref SOPM 20-60-02)
- B. Corrosion Preventive Compound -- MIL-C-11796, Class 3 (Ref SOPM 20-60-02)
- C. Grease -- MIL-G-23827 (Ref SOPM 20-60-03)

2. Lubrication

- A. Lubricate all bushing and bearing surfaces with a thin layer of grease.

3. Put the basic flap assembly in a holding fixture.

4. Aerodynamic Seals

- A. Install seal (184) and retainer (183) on tailgate assembly (185) with bolts (182) and nuts (181).
- B. Install retainer (180) on tailgate assembly (189) with bolts (179) washers (178), and nuts (177).
- C. Install seal (176) in retainer (180). Drill a hole through the end of the seal with No. 50 drill, with the hole in the retainer as a pilot. Touch up the hole with primer. Install lockwire through the seal and the retainer. Cut off unwanted lockwire as necessary.
- D. Install seals (169, 170) on flap assembly (193) with bolts (168), washers (167) and nuts (166). Tighten nuts (166) to 15-20 lb-in.
- E. Install retainer (175) on flap assembly (193) with bolts (174), washers (173), and nuts (172).
- F. Install seal (171) in retainer (175). Drill a hole through the end of the seal with a No. 50 drill, with the hole in the retainer as a pilot. Touch up the hole with primer. Install lockwire through the seal and the retainer. Cut off unwanted lockwire as necessary.

5. Hinges

- A. Put hinge fitting assemblies (162) in position. Install fillers (161) in the same location from which they were disassembled to remove the gap between the hinge and the flap structure. If more thickness is necessary, build up each side equally within 0.003 inch, or as necessary to get the interchangeability dimension shown in Fig. 501. Apply a layer of primer BMS 10-11, Type 1 to the shims after the laminations are removed.

NOTE: Maximum permitted shim thickness is 0.07 inch. Maximum permitted gap is 0.004 inch.

- B. Apply primer BMS 10-11, Type 1 to bolts (160). While the primer is wet, install the bolts with washers (159) and nuts (158).
- C. Put hinge fitting assembly (151) in position. Install shims (150) in the same location from which they were disassembled to remove the gap between the hinge and flap structure. If additional thickness is required, build up each side equally within 0.003 inch. Apply a layer of primer BMS 10-11, Type 1 to the shims after the lamination.

NOTE: Maximum permitted shim thickness is 0.07 inch. Maximum permitted gap is 0.004 inch.

- D. Apply primer BMS 10-11, Type 1 to bolts (149). While the primer is wet, install the bolts with washers (148) and nuts (147).
- E. Put hinge fitting assemblies (144, 137) in position. Install shims (143, 136) in the same location from which they were disassembled to remove the gap between the hinge and the flap structure. If more thickness is necessary, build up each side equally within 0.003 inch. Apply a layer of primer BMS 10-11, Type 1 to the shims after the laminations are removed.

NOTE: Maximum permitted shim thickness is 0.07 inch. Maximum permitted gap is 0.004 inch.

- F. Apply primer BMS 10-11, Type 1 to bolts (142, 135). While the primer is wet, install the bolts with washers (141, 134) and nuts (140, 133).

6. Lug and Tailgate Assemblies

NOTE: We recommend that you install all lugs, hinge fittings and shims in the same location from which they were disassembled.

- A. Put lug assemblies (130) and shims (129) in position. Apply primer BMS 10-11, Type 1 to bolts (127, 128) and install the bolts with washers (126), and nuts (125) while the primer is wet.
- B. Attach lug assemblies (118, 115) to lug assemblies (130) with bolts (124), washers (123) and nuts (122). Install bolts with corrosion preventive compound. Tighten nuts to 5-10 pound-inches. Install cotter pins (121).
- C. Apply with primer BMS 10-11, Type 1 to bolts (112, 113). Put tailgate assembly (189) and shims (114) in position. Attach tailgate assembly (189) to flap with bolts (113, 112), washers (111), and nuts (110) while the primer is wet.

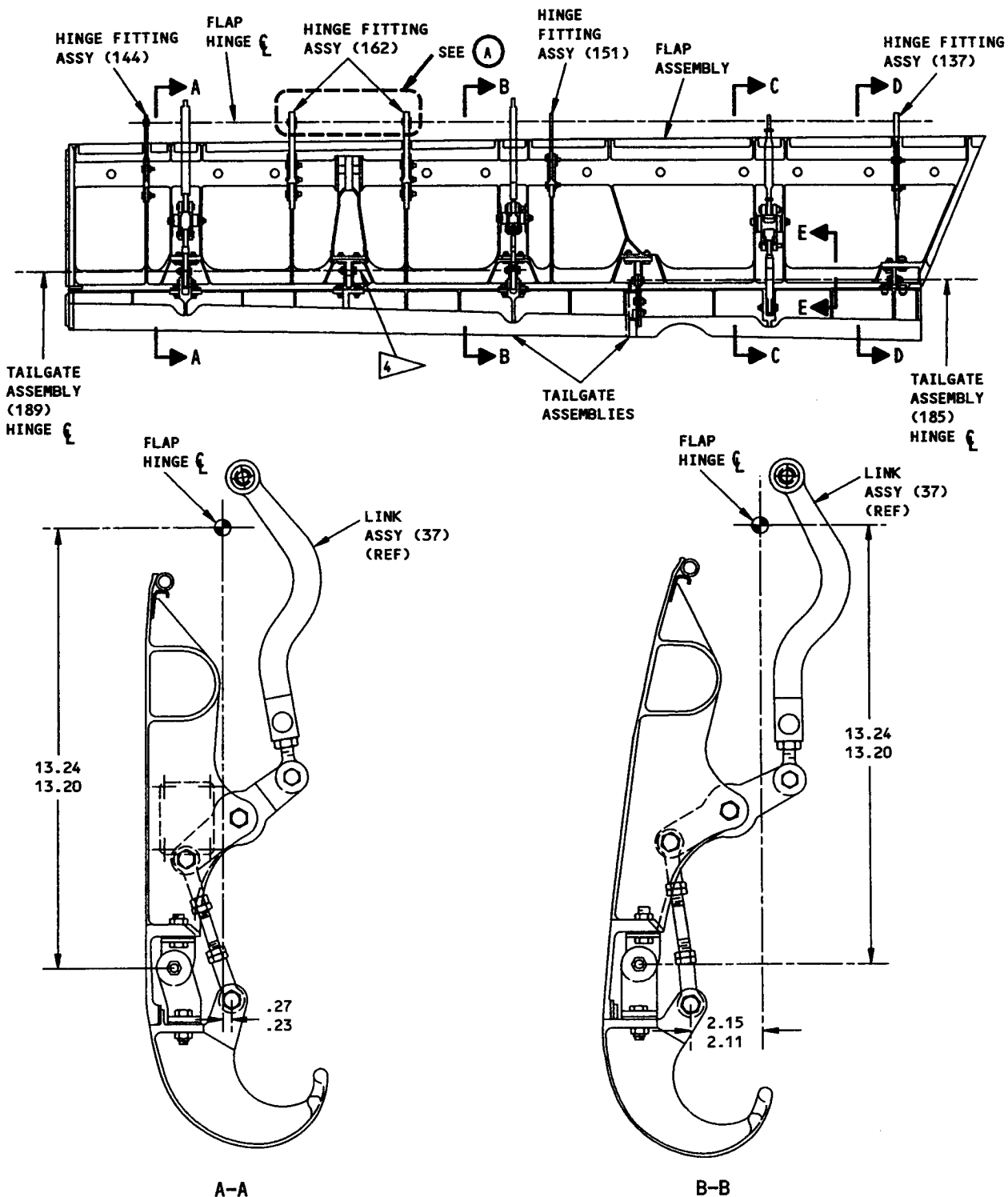
- D. Put lug assemblies (107, 100), shims (106, 98) and fillers (99) in position. Install bolts (105, 97) with wet primer BMS 10-11, Type 1. Install washers (104, 96), and nuts (103, 95).
- E. Attach hinge assembly (92) and lug assembly (88) to lug assemblies (107, 100) with bolts (87, 82), washers (86, 81), and nuts (85, 80). Install bolts with corrosion preventive compound. Tighten the nuts to 5-10 pound-inches. Install cotter pins (84, 79).
- F. Apply primer. BMS 10-11, Type 1 to bolts (78, 74). Put tailgate assembly (185) and shims (75) in position. Attach the tailgate assembly to the flap with bolts (78, 74), washers (77, 73), and nuts (76, 72) while the primer is wet.
- G. Make sure the tailgates operate freely and can touch the flap pads and rub strip as shown in Fig. 501. Material can be removed from the surface of rub strip if necessary.

7. Linkage

NOTE: Do not install lockwire on link assemblies (18, 37) or rod assemblies (5, 50, 57). Final adjustment and installation of lockwire will be done when the flap is installed on the airplane.

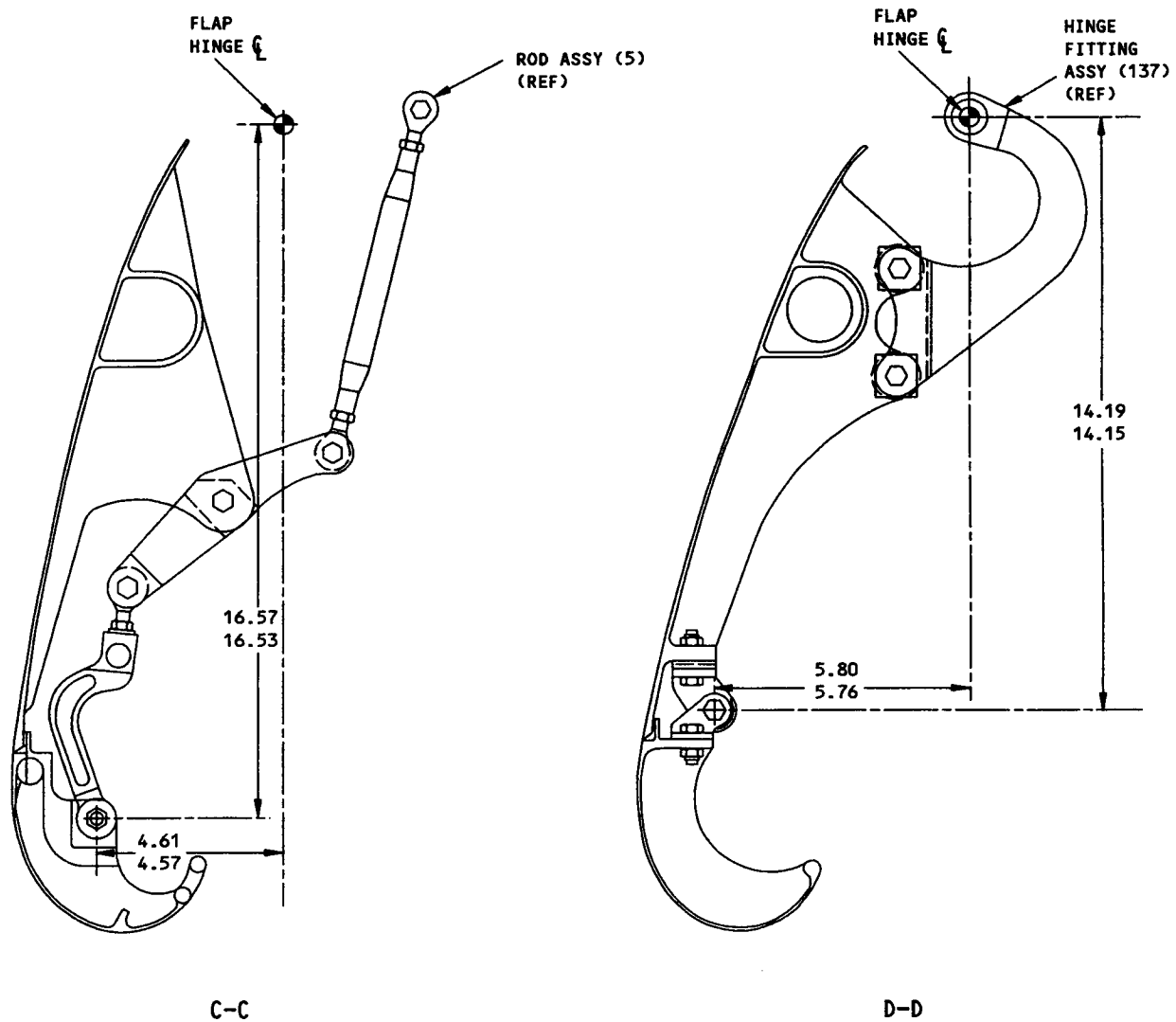
- A. Install crank assemblies (68) with bolts (67) wet with corrosion preventive compound, washers (66), and nuts (65). Tighten the nuts to 5-10 pound-inches. Install cotter pins (64).
- B. Install rod end bearings (62, 63) and jamnuts (60, 61) on applicable rods (58, 59), to make rod assembly (50). Adjust the length of the rod assembly to 4.50-4.52 inches between the centerlines of the bearings, and tighten the jamnuts against the rod end bearings.
- C. Install rod end bearings (55, 56) and jamnuts (53, 54) on applicable rods (51, 52), to make up rod assembly (50). Adjust the length of the rod assembly to 4.91-4.93 inches between the centerlines of the bearings.
- D. Apply corrosion preventive compound to bolts (48, 47). Install rod assemblies (57, 50) with clamp-up bushings (49), bolts (48, 47), washers (46), and nuts (45). Tighten nuts 5-10 pound-inches. Install cotter pins (44).

- E. Install rod end bearing (42), washer (40), and jamnut (39) on each link (38) to make two link assemblies (37). Adjust the length of each link assembly to 9.14-9.16 inches between the centerlines of the bearings. Tighten the jamnuts against the links.
 - F. Connect the black painted end of link assemblies (37) to the black end of crank (68) and install bolts (36), washers (35), and nuts (34). Install bolts with corrosion preventive compound. Tighten the nuts (34) to 5-10 pound-inches. Install cotter pins (33).
 - G. Apply corrosion preventive compound to bolt (28). Install crank assembly (29) with bolt (28), washer (27), and nut (26). Tighten the nut to 5-10 pound-inches. Install cotter pin (25).
 - H. Install rod end bearings (23), jamnut (20), washer (21) and cylindrical nut (22) on link (19) to make link assembly (18). Adjust the length of link assembly to 5.58-5.60 inches between the centerlines of the bearings, and tighten the jamnut against the rod end bearing.
 - I. Connect the black painted end of link assembly (18) to the black end of crank assembly (29) and install with bolts (14, 15) with corrosion preventive compound, washers (17, 13), clampup bushing (16) and nuts (12). Tighten nuts (12) to 5-10 pound-inches. Install cotter pins (11).
 - J. Install rod end bearings (9, 10) and jamnuts (7, 8) on rod (6) to make rod assembly (5). Adjust the length of the rod assembly to 8.44-8.46 inches between the centerlines of the bearings.
 - K. Install rod assembly (5) with bolt (4), washer (3) and nut (2). Install bolts with corrosion preventive compound. Tighten the nut to 5-10 pound-inches. Install cotter pin (1).
8. Touch up the finish on the flap and the tailgate as necessary after you are done with the unit.



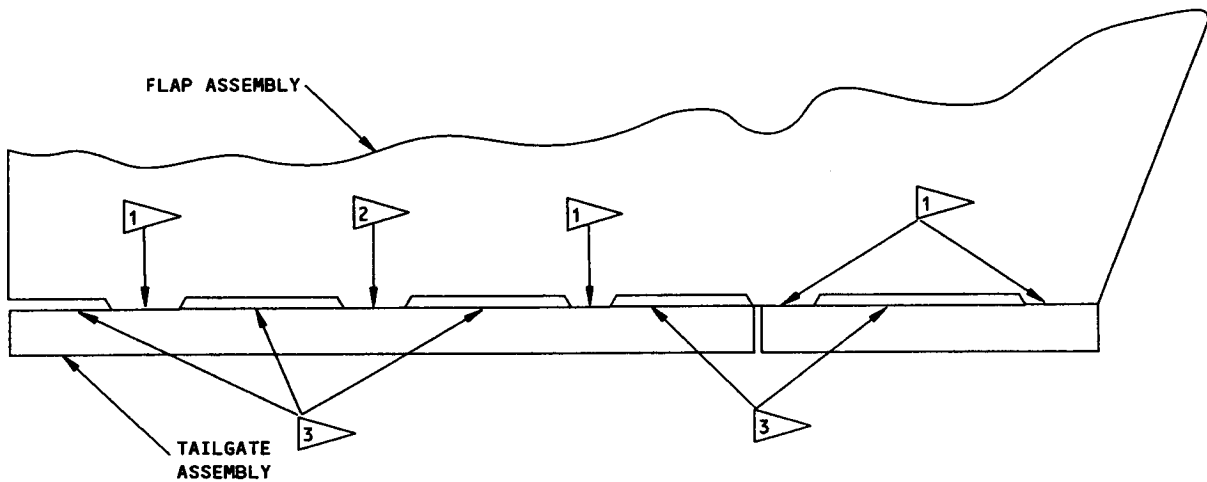
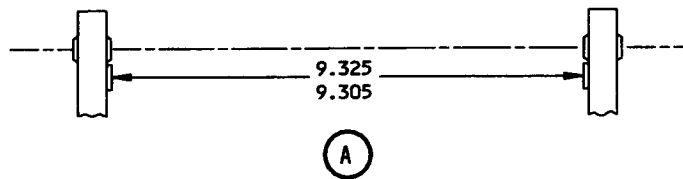
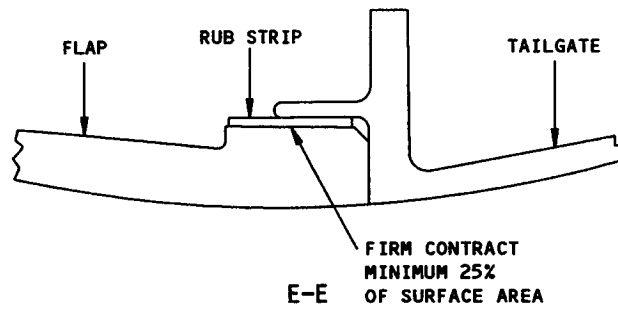
ALL DIMENSIONS ARE IN INCHES

Assembly Details
Figure 501 (Sheet 1)



ALL DIMENSIONS ARE IN INCHES

Assembly Details
Figure 501 (Sheet 2)

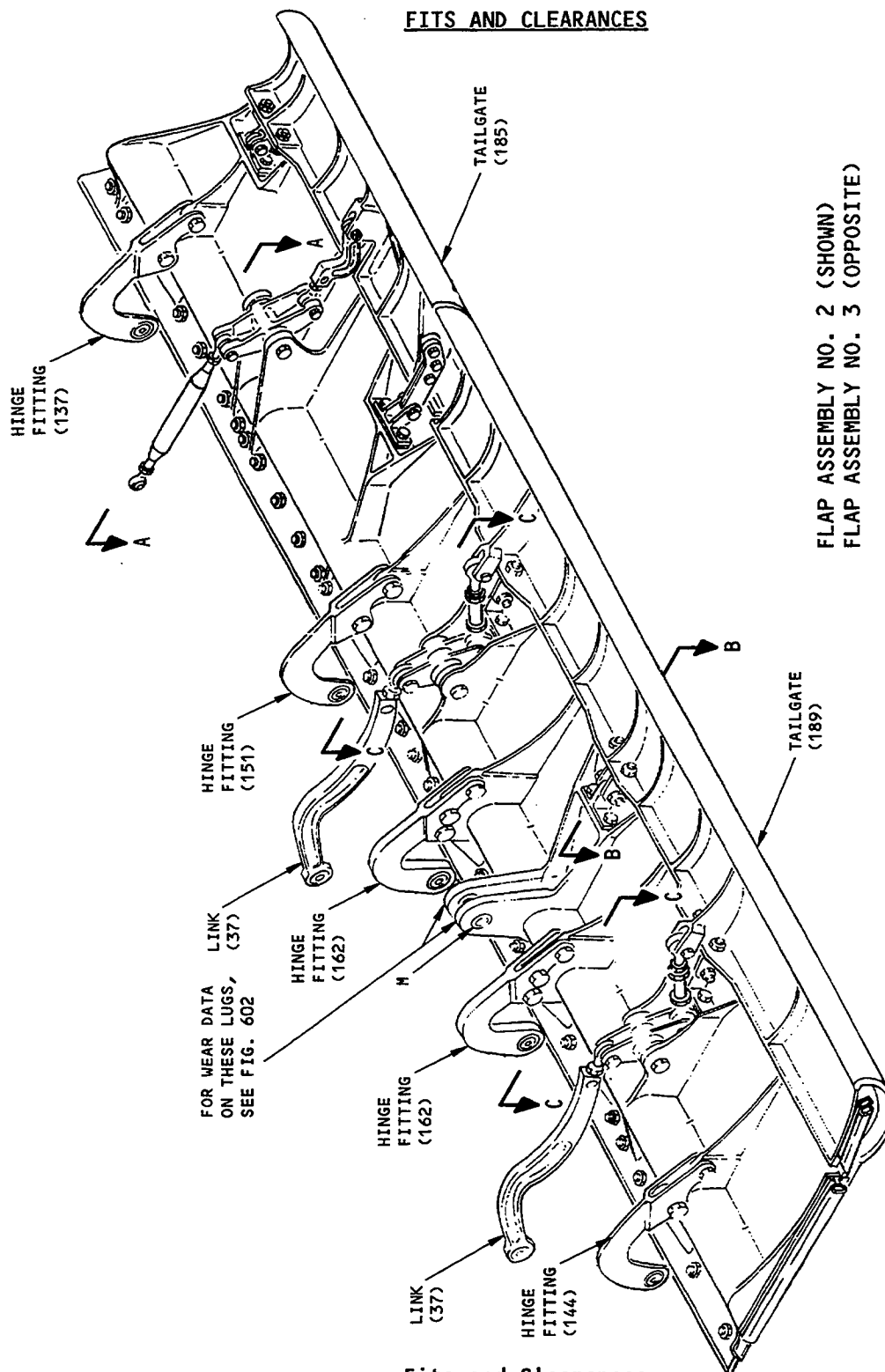


- 1 FIRM CONTACT
- 2 MAX GAP 0.03
- 3 MAX GAP 0.06
- 4 CENTER HINGE TO BE IN LINE
WITH ADJACENT HINGES WITHIN 0.02 T.I.R.

ALL DIMENSIONS ARE IN INCHES

Assembly Details
Figure 501 (Sheet 3)

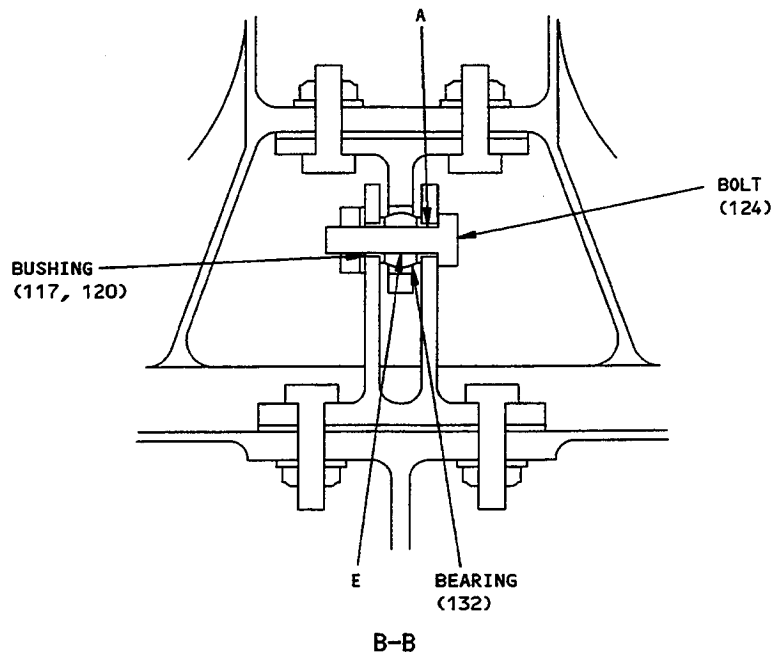
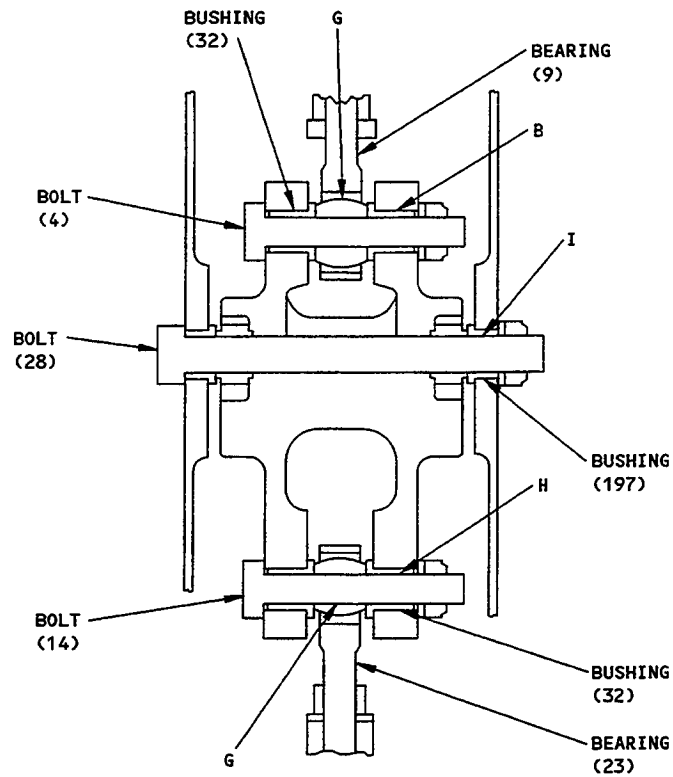
OVERHAUL MANUAL
FITS AND CLEARANCES



FLAP ASSEMBLY NO. 2 (SHOWN)
FLAP ASSEMBLY NO. 3 (OPPOSITE)

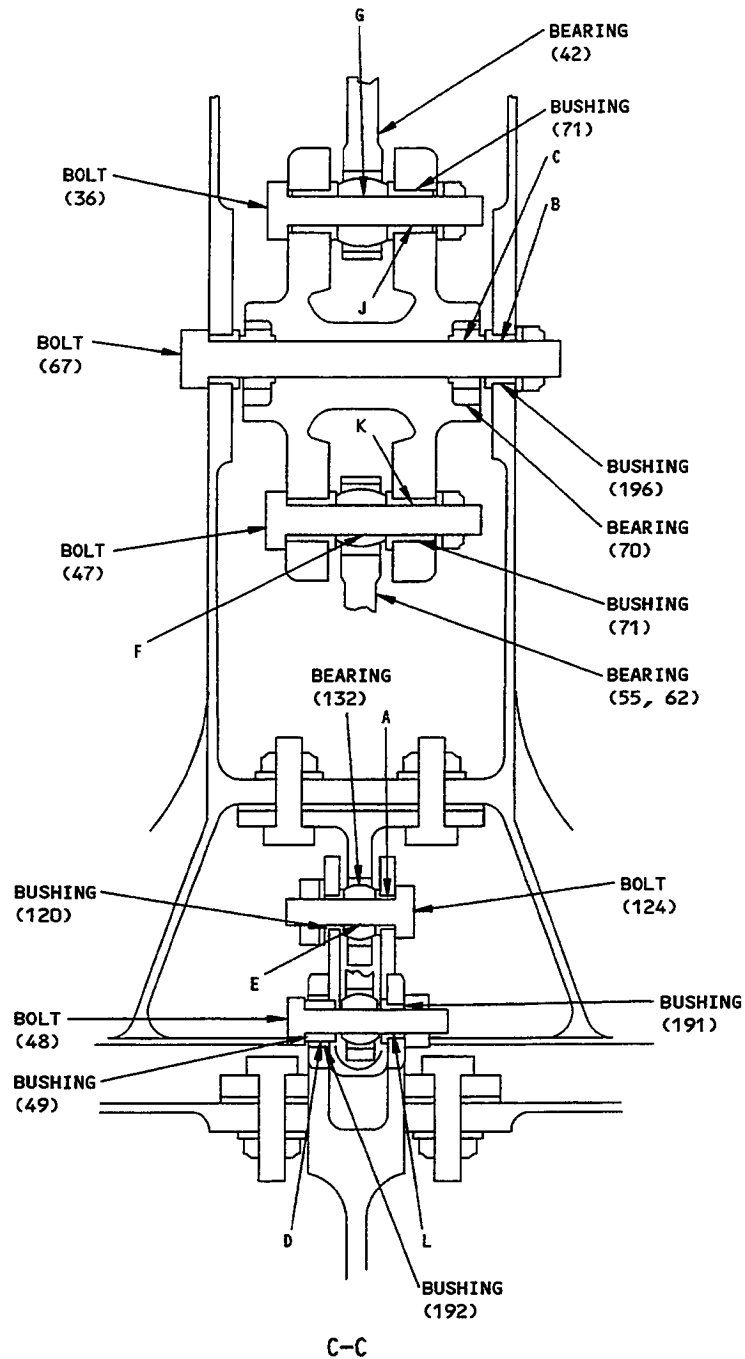
Fits and Clearances
Figure 601 (Sheet 1)

OVERHAUL MANUAL



Fits and Clearances
Figure 601 (Sheet 2)

BOEING
COMMERCIAL JET
 OVERHAUL MANUAL



Fits and Clearances
 Figure 601 (Sheet 3)

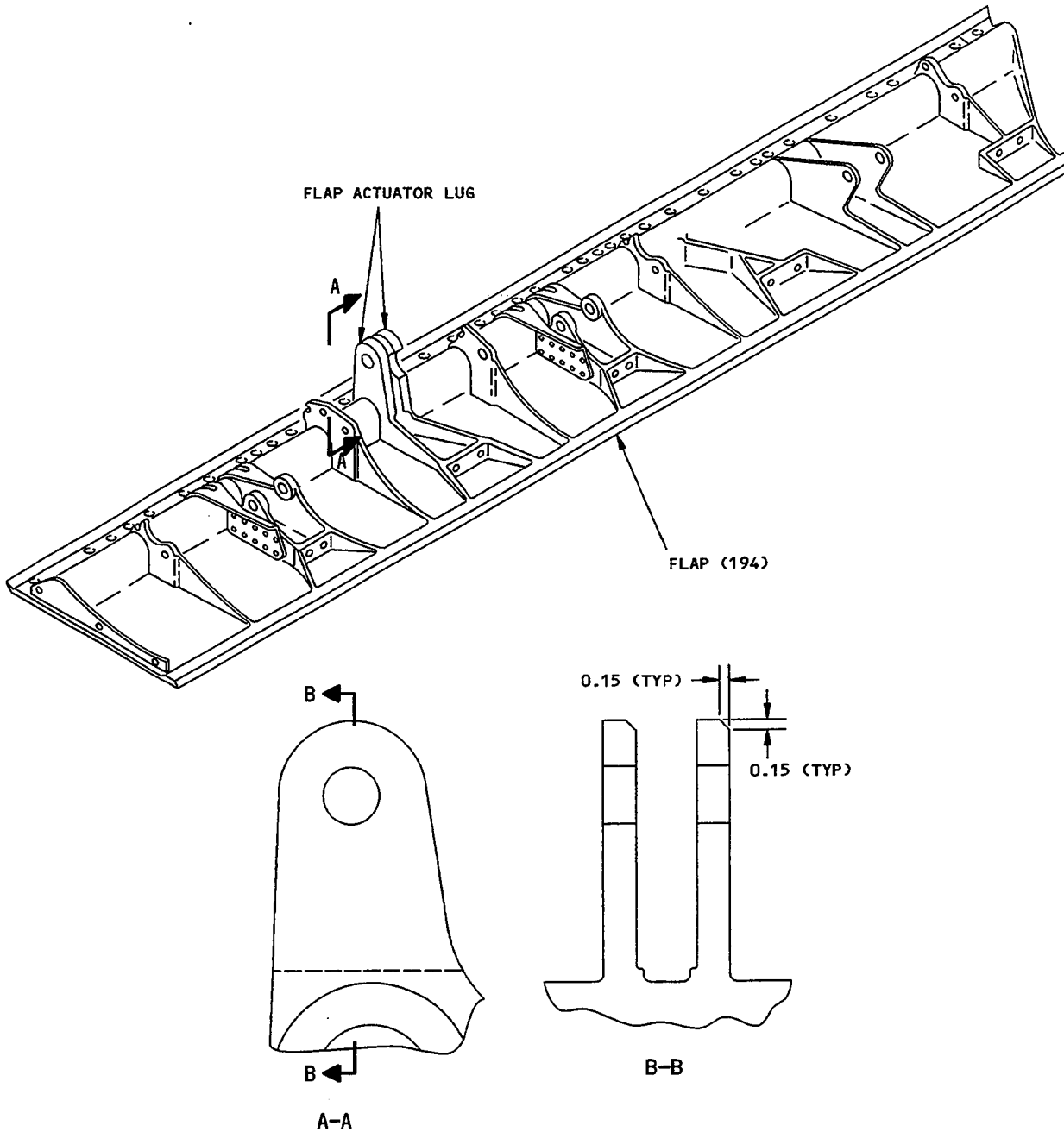
OVERHAUL MANUAL

Ref Letter Fig. 601	Mating Item No. Fig. 1101	Design Dimensions				Service Wear Limits		
		Dimensions (inches)		Assembly Clearance (inch)		Dimension Limits (inches)		Maximum Allowable Clearance (inch)
		Min	Max	Min	Max	Min	Max	
A	ID 117,120	0.2495	0.2510	0.0000	0.0020		0.2535	0.0040
	OD 124	0.2490	0.2495			0.2455		
B	ID 32	0.2500	0.2515	0.0005	0.0025		0.2545	0.0050
	OD 4	0.2490	0.2495			0.2450		
C	ID 70	0.2495	0.2500	0.0005	0.0010		0.2515	0.0020
	OD 67	0.2490	0.2495			0.2475		
D	ID 192	0.4375	0.4390	0.0020	0.0055		0.4445	0.0090
	OD 49	0.4335	0.4355			0.4285		
E	ID 132	0.2495	0.2500	0.0000	0.0010		0.2515	0.0020
	OD 124	0.2490	0.2495			0.2475		
F	ID 55,62	0.2495	0.2500	0.0000	0.0010		0.2515	0.0020
	OD 47	0.2490	0.2495			0.2475		
G	ID 9,23,42	0.2495	0.2500	0.0000	0.0010		0.2515	0.0020
	OD 4,14,36	0.2490	0.2495			0.2475		
H	ID 32	0.2500	0.2515	0.0005	0.0025		0.2545	0.0050
	OD 14	0.2490	0.2495			0.2450		
I	ID 197	0.3120	0.3140	0.0000	0.0025			
	OD 28	0.3115	0.3120					
J	ID 71	0.2500	0.2515	0.0005	0.0025		0.2545	0.0050
	OD 36	0.2490	0.2495			0.2450		
K	ID 71	0.2500	0.2515	0.0005	0.0025		0.2545	0.0050
	OD 47	0.2490	0.2495			0.2450		

Ref Letter Fig. 601	Mating Item No. Fig. 1101	Design Dimensions				Service Wear Limits		
		Dimensions (inches)		Assembly Clearance (inch)		Dimension Limits (inches)		Maximum Allowable Clearance (inch)
		Min	Max	Min	Max	Min	Max	
L	ID 191	0.2500	0.2515	0.0005	0.0025	0.2450	0.2545	0.0050
	OD 48	0.2490	0.2495					
M	ID 195,195A	0.6250	0.6265	0.0010	0.0025			
	OD *[1]	0.6230	0.6240					

*[1] Installation bolt BACB30GE10D29 at the actuator

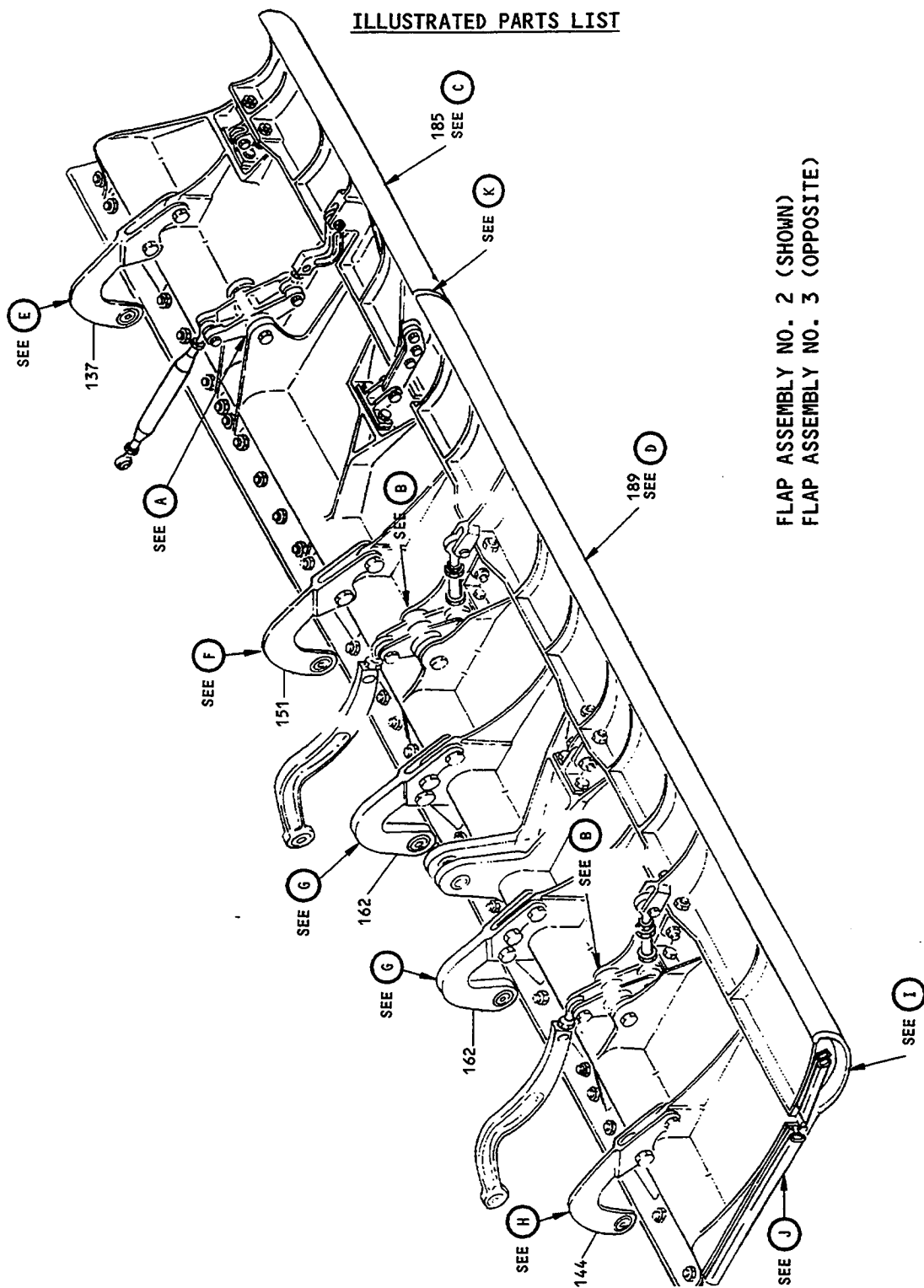
Fits and Clearances
Figure 601 (Sheet 5)



ITEM NUMBERS REFER TO FIG. 1101
ALL DIMENSIONS ARE IN INCHES

Flap Actuator Lug - Permitted Wear
Figure 602

OVERHAUL MANUAL
ILLUSTRATED PARTS LIST

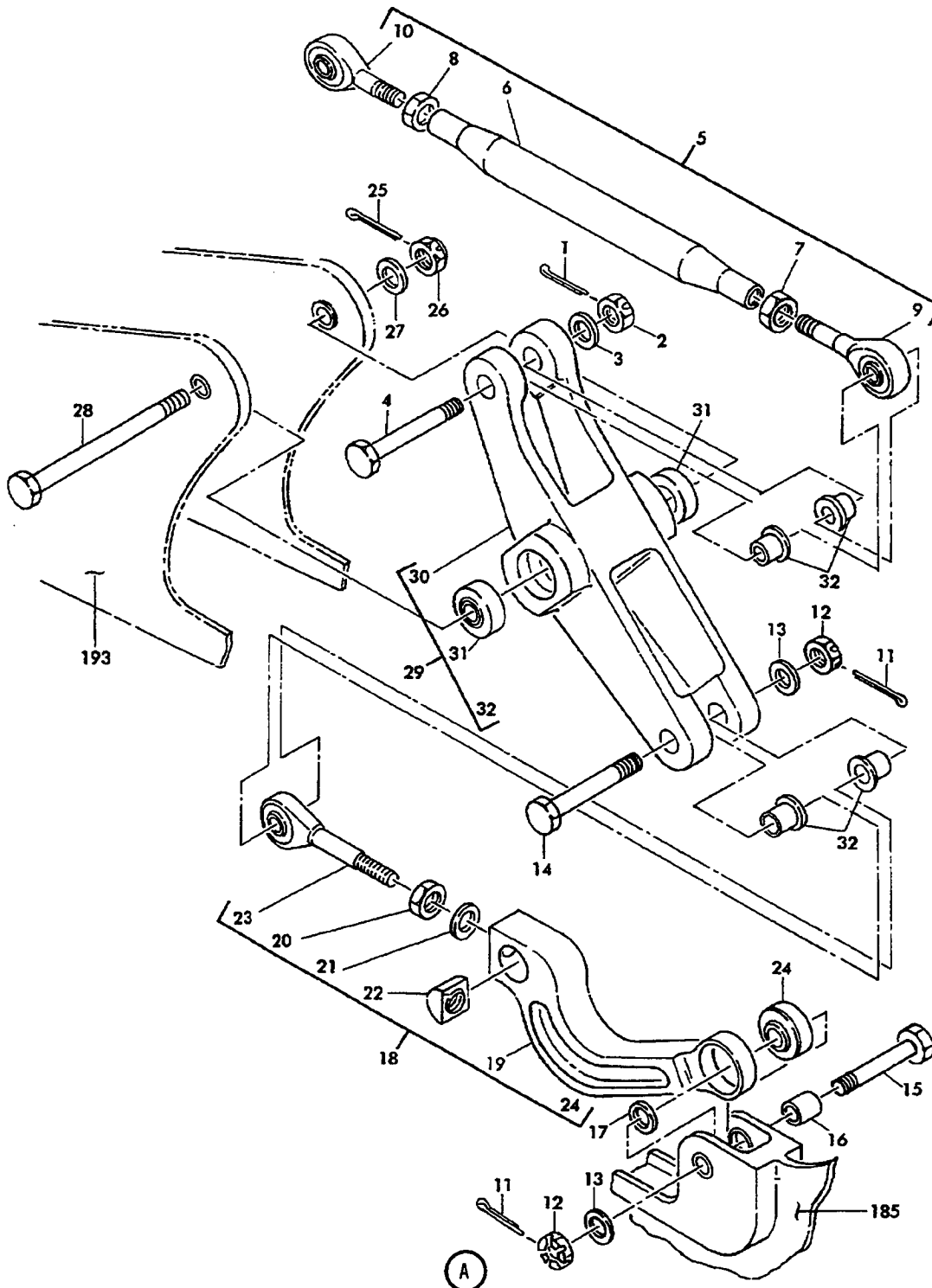


FLAP ASSEMBLY NO. 2 (SHOWN)
FLAP ASSEMBLY NO. 3 (OPPOSITE)

Krueger Flaps and Tailgate Assemblies No. 2 and 3
Figure 1101 (Sheet 1)

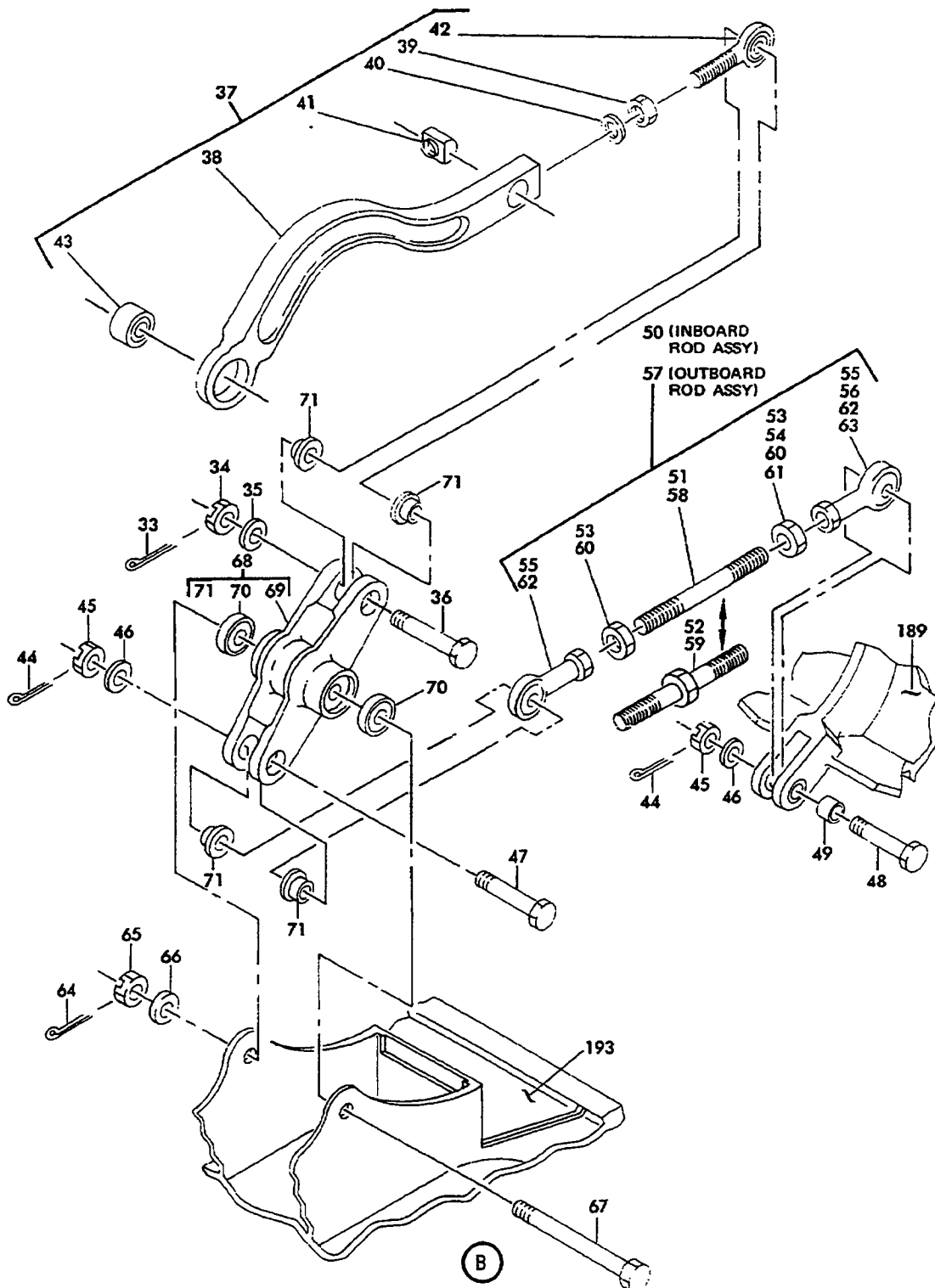
BOEING
COMMERCIAL JET
OVERHAUL MANUAL

65-46425
DASH NUMBERS LIMITED

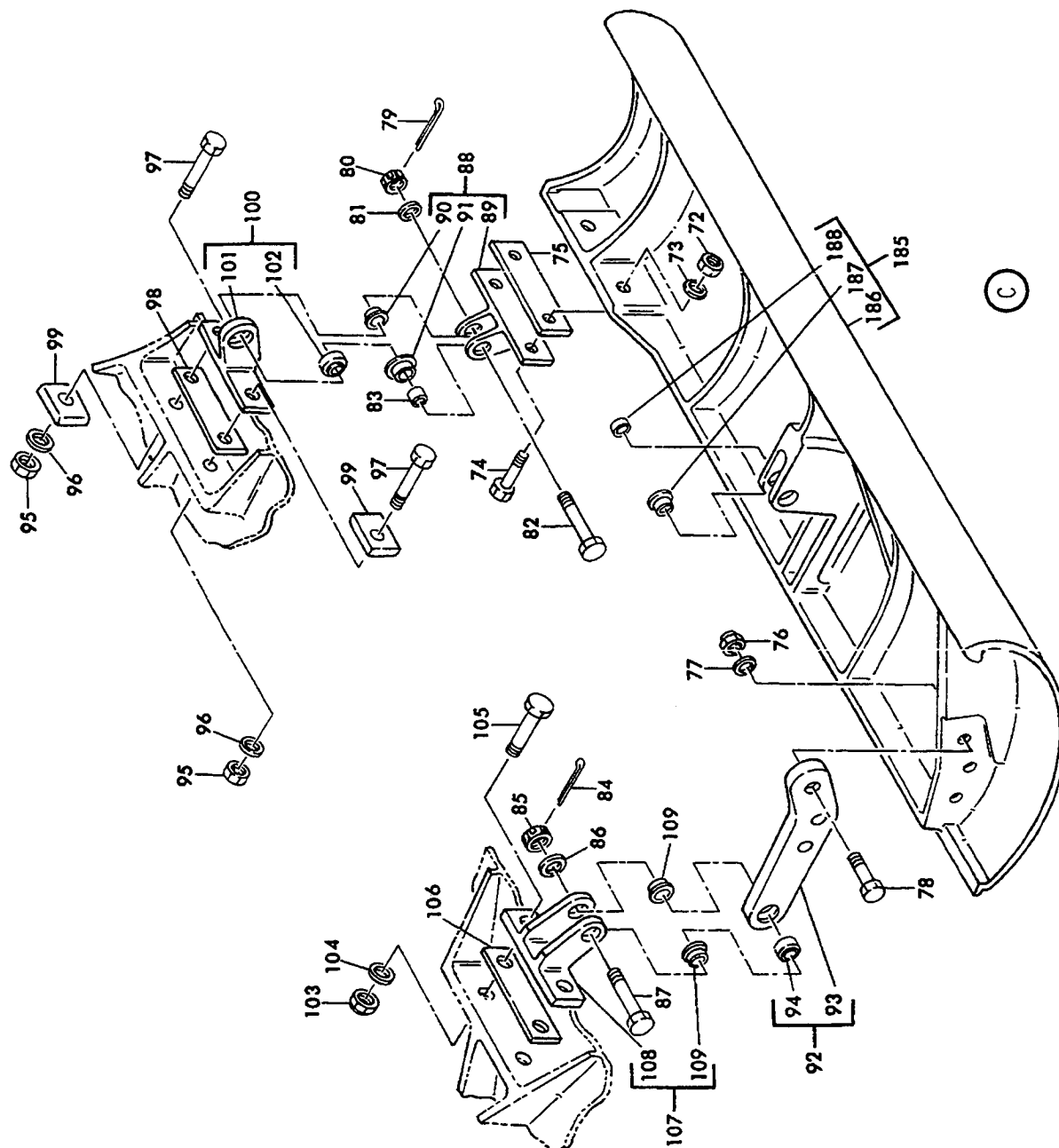


Krueger Flap and Tailgate Assemblies No. 2 and 3
Figure 1101 (Sheet 2)

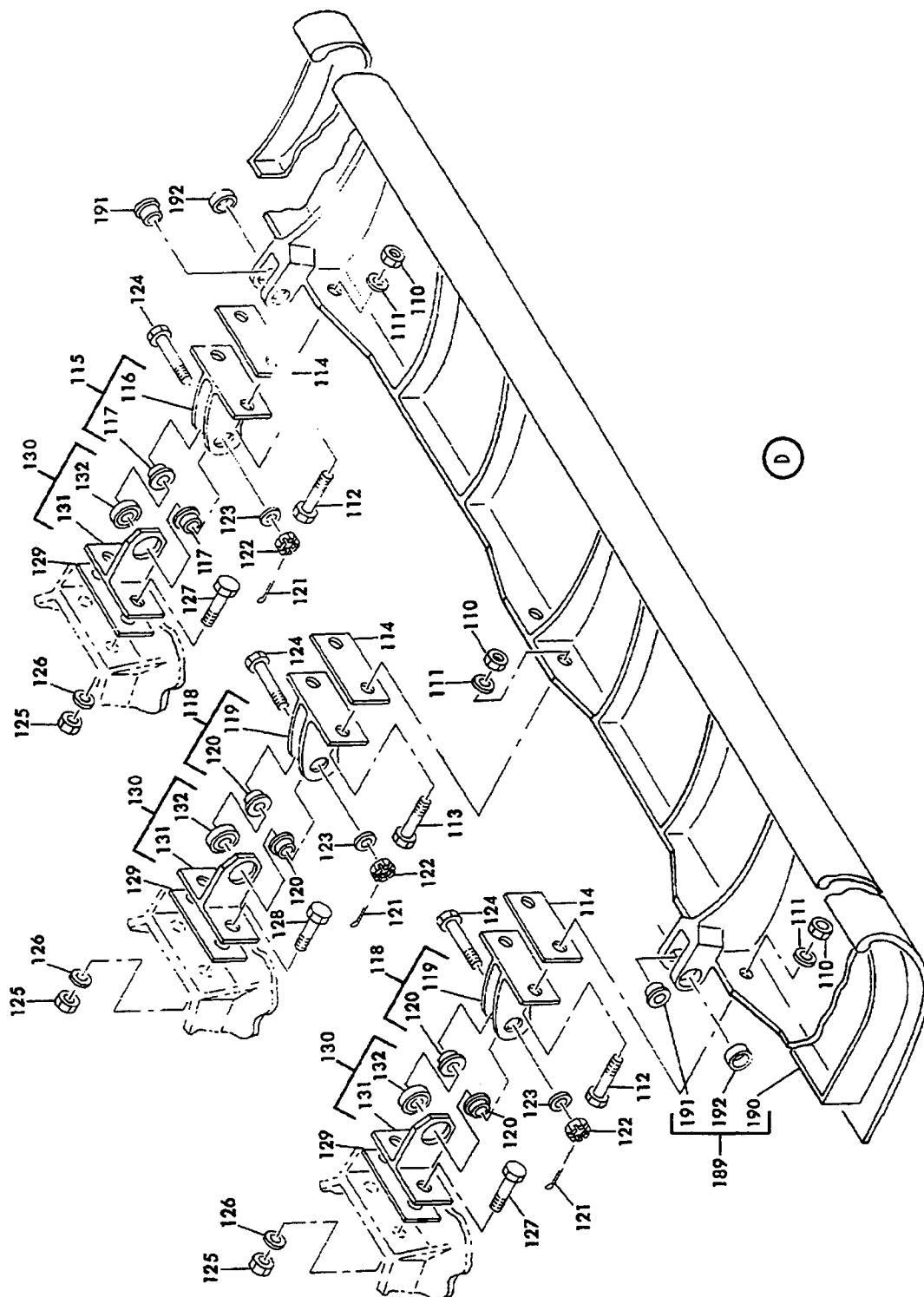
BOEING
COMMERCIAL JET
OVERHAUL MANUAL



Krueger Flap and Tailgate Assemblies No. 2 and 3
Figure 1101 (Sheet 3)



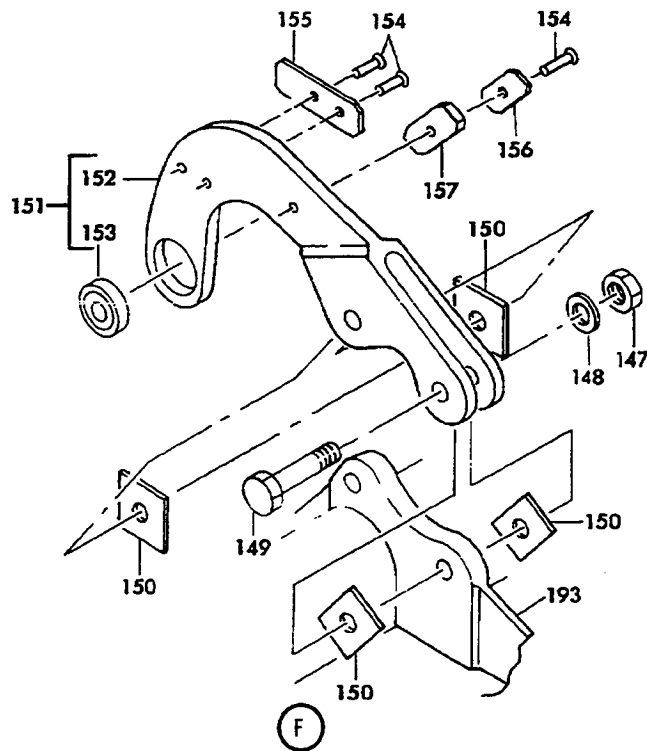
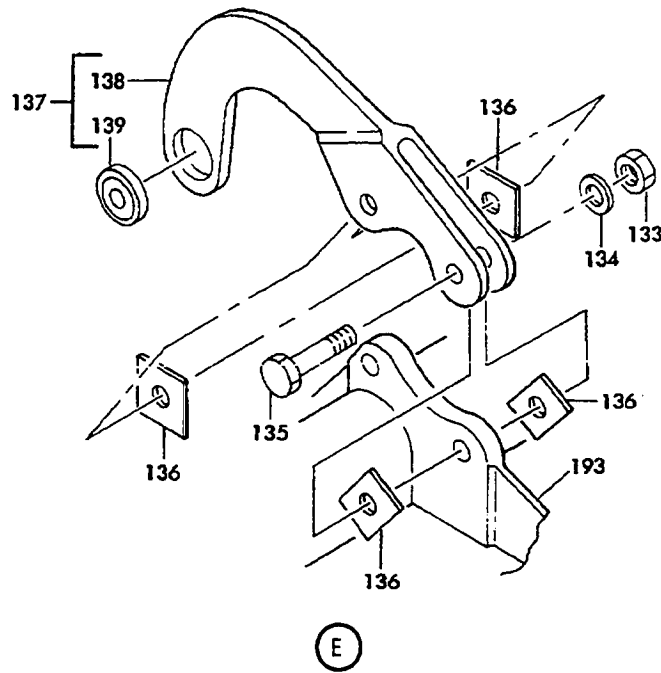
Krueger Flap and Tailgate Assemblies No. 2 and 3
Figure 1101 (Sheet 4)



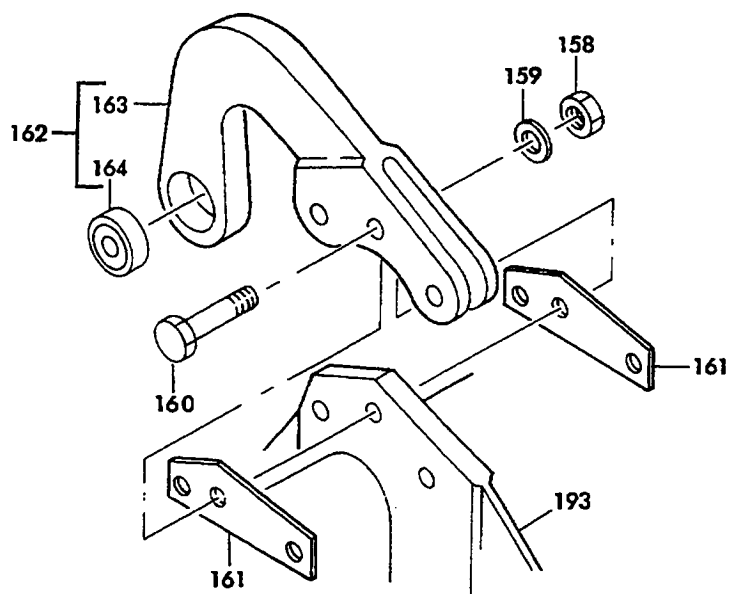
Krueger Flap and Tailgate Assemblies No. 2 and 3
Figure 1101 (Sheet 5)

BOEING
COMMERCIAL JET
OVERHAUL MANUAL

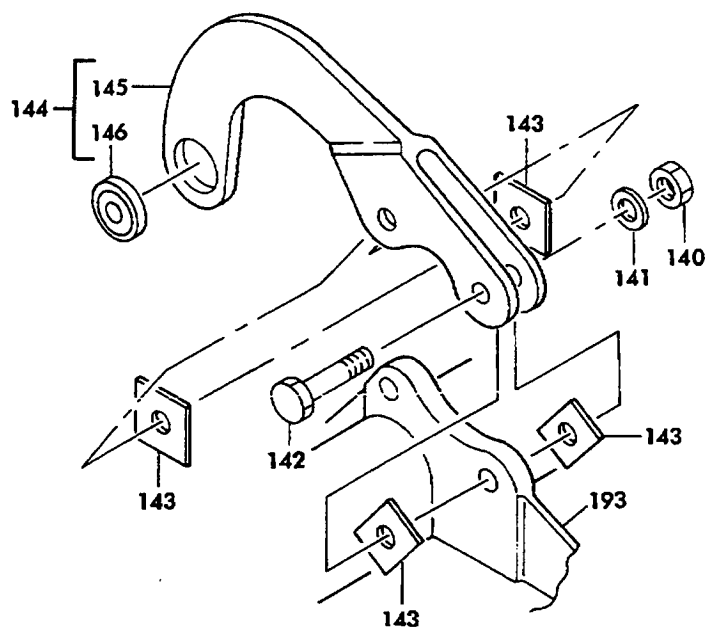
65-46425
DASH NUMBERS LIMITED



Krueger Flap and Tailgate Assemblies No. 2 and 3
Figure 1101 (Sheet 6)

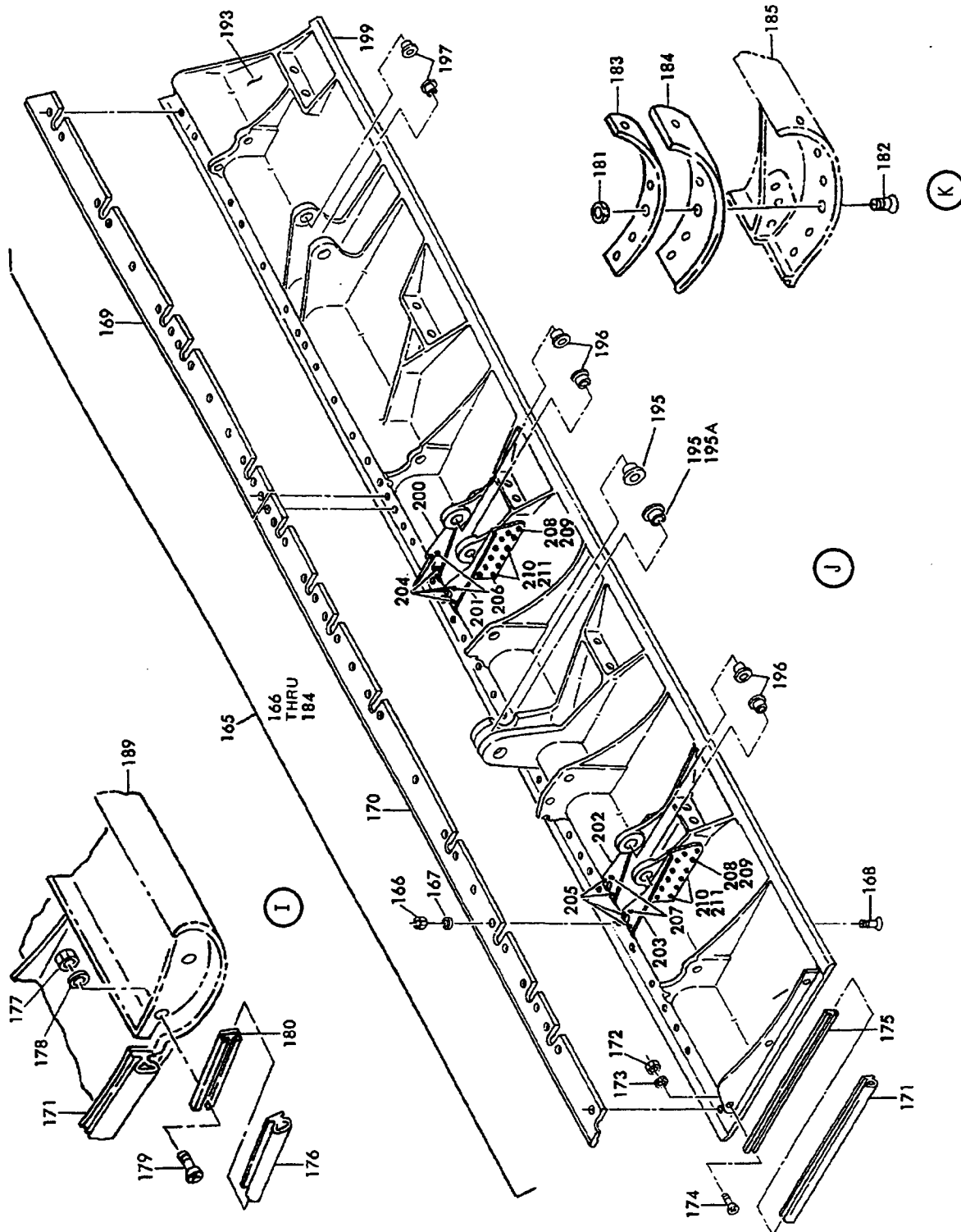


(G)



(H)

Krueger Flap and Tailgate Assemblies No. 2 and 3
Figure 1101 (Sheet 7)



Krueger Flap and Tailgate Assemblies No. 2 and 3
Figure 1101 (Sheet 8)

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE							USE CODE	QTY PER ASSY
			1	2	3	4	5	6	7		
1101-	65-46425-7		FLAP AND TAILGATE ASSY NO. 2							A	RF
	65-46425-17		FLAP AND TAILGATE ASSY NO. 2							C	RF
	65-46425-25		FLAP AND TAILGATE ASSY NO. 2							E	RF
	65-46425-27		FLAP AND TAILGATE ASSY NO. 2							G	RF
			(SB 57-1077)								
	65-46425-29		FLAP AND TAILGATE ASSY NO. 2							I	RF
	65-46425-31		FLAP AND TAILGATE ASSY NO. 2							K	RF
	65-46425-33		FLAP AND TAILGATE ASSY NO. 2							M	RF
	65-46425-35		FLAP AND TAILGATE ASSY NO. 2							O	RF
	65-46425-8		FLAP AND TAILGATE ASSY NO. 3							B	RF
	65-46425-18		FLAP AND TAILGATE ASSY NO. 3							D	RF
	65-46425-26		FLAP AND TAILGATE ASSY NO. 3							F	RF
	65-46425-28		FLAP AND TAILGATE ASSY NO. 3							H	RF
			(SB 57-1077)								
	65-46425-30		FLAP AND TAILGATE ASSY NO. 3							J	RF
	65-46425-32		FLAP AND TAILGATE ASSY NO. 3							L	RF
	65-46425-34		FLAP AND TAILGATE ASSY NO. 3							N	RF
	65-46425-36		FLAP AND TAILGATE ASSY NO. 3							P	RF
1	MS24665-134		. PIN, COTTER								1
2	AN320-4		. NUT								1
3	AN960PD416		. WASHER								1
4	BACB30LJ4DU-23		. BOLT								1
5	69-59897-1		. ROD ASSY								1
6	69-59897-2		. . ROD								1
7	NAS509-5		. . JAMNUT								1
8	NAS509L5		. . JAMNUT *[2]								1
9	XEMRL635SA27		. . BEARING, ROD END, VF0222								1
			(BOEING 10-60779-124) (OPT)								
9	177144		. . BEARING, ROD END, V09455								1
			(BOEING 10-60779-124) (OPT)								
9	NHNE4-205		. . BEARING, ROD END, V15860								1
			(BOEING 10-60779-124) (OPT)								
9	79E04-124		. . BEARING, ROD END, V16746								1
			(BOEING 10-60779-124) (OPT)								
9	REM8ATC10-6		. . BEARING, ROD END, V21335								1
			(BOEING 10-60779-124) (OPT)								
9	ART4E129		. . BEARING, ROD END, V50294								1
			(BOEING 10-60779-124) (OPT)								
9	ASM4T29		. . BEARING, ROD END, V56644								1
			(BOEING 10-60779-124) (OPT)								
9	ASM4T29A		. . BEARING, ROD END, V56644								1
			(BOEING 10-60779-124) (OPT)								

OVERHAUL MANUAL

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-9	MSSR45-14BAF		. . BEARING, ROD END, V73134 (BOEING 10-60779-124) (OPT)		1
9	YTM187		. . BEARING, ROD END, V77896 (BOEING 10-60779-124) (OPT)		1
9	DREM4-292		. . BEARING, ROD END, V81376 (BOEING 10-60779-124) (OPT)		1
9	KBDE4-37		. . BEARING, ROD END, V97613 (BOEING 10-60779-124) (OPT)		1
9	01-824-04E018		. . BEARING, ROD END, V09455 (BOEING 10-60779-124A) (PREF)		1
9	ADNE4-205		. . BEARING, ROD END, V15860 (BOEING 10-60779-124A) (PREF)		1
9	ANM4-108		. . BEARING, ROD END, V50294 (BOEING 10-60779-124A) (PREF)		1
9	ASM4T29A		. . BEARING, ROD END, V56644 (BOEING 10-60779-124A) (PREF)		1
10	167144		. . BEARING, ROD END, V09455 *[2] (BOEING 10-60779-124L)		1
10	NHNEL4-205		. . BEARING, ROD END, V15860 *[2] (BOEING 10-60779-124L)		1
10	REML8ATC10-6		. . BEARING, ROD END, V21335 *[2] (BOEING 10-60779-124L)		1
10	ARTL4E129		. . BEARING, ROD END, V50294 *[2] (BOEING 10-60779-124L)		1
10	MSSLR45-14BAF		. . BEARING, ROD END, V73134 *[2] (BOEING 10-60779-124L)		1
10	YTM187L		. . BEARING, ROD END, V77896 *[2] (BOEING 10-60779-124L)		1
10	DREMLH-4-292		. . BEARING, ROD END, V81376 *[2] (BOEING 10-60779-124L)		1
10	KBDEL4-37		. . BEARING, ROD END, V97613 *[2] (BOEING 10-60779-124L)		1
11	MS24665-134		. PIN, COTTER		2
12	AN320-4		. NUT		2
13	AN960PD416		. WASHER		2
14	BACB30LJ4DU23		. BOLT		1
15	BACB30LJ4DU17		. BOLT		1
16	NAS74A4-006P		. BUSHING, CLAMPUP		1
17	AN960C416L		. WASHER		1
18	69-59895-3		. LINK ASSY		1
19	69-59895-4		. . LINK		1
20	NAS509-5		. . JAMNUT		1
21	AN960PD516L		. . WASHER		1
22	BACN10CP5L		. . NUT, CYLINDRICAL		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-23	XEMRL635SA27		. . BEARING, ROD END, VF0222 (BOEING 10-60779-124) (OPT)		1
23	177144		. . BEARING, ROD END, V09455 (BOEING 10-60779-124) (OPT)		1
23	NHNE4-205		. . BEARING, ROD END, V15860 (BOEING 10-60779-124) (OPT)		1
23	79E04-124		. . BEARING, ROD END, V16746 (BOEING 10-60779-124) (OPT)		1
23	REM8ATC10-6		. . BEARING, ROD END, V21335 (BOEING 10-60779-124) (OPT)		1
23	ART4E129		. . BEARING, ROD END, V50294 (BOEING 10-60779-124) (OPT)		1
23	ASM4T29		. . BEARING, ROD END, V56644 (BOEING 10-60779-124) (OPT)		1
23	ASM4T29A		. . BEARING, ROD END, V56644 (BOEING 10-60779-124) (OPT)		1
23	MSSR45-14BAF		. . BEARING, ROD END, V73134 (BOEING 10-60779-124) (OPT)		1
23	YTM187		. . BEARING, ROD END, V77896 (BOEING 10-60779-124) (OPT)		1
23	DREM4-292		. . BEARING, ROD END, V81376 (BOEING 10-60779-124) (OPT)		1
23	KBDE4-37		. . BEARING, ROD END, V97613 (BOEING 10-60779-124) (OPT)		1
23	01-824-04E018		. . BEARING, ROD END, V09455 (BOEING 10-60779-124A) (PREF)		1
23	ADNE4-205		. . BEARING, ROD END, V15860 (BOEING 10-60779-124A) (PREF)		1
23	ANM4-108		. . BEARING, ROD END, V50294 (BOEING 10-60779-124A) (PREF)		1
23	ASM4T29A		. . BEARING, ROD END, V56644 (BOEING 10-60779-124A) (PREF)		1
24	MS21232-4		. . BEARING		1
25	MS24665-134		. PIN, COTTER		1
26	AN320-5		. NUT		1
27	AN960PD516		. WASHER		1
28	BACB30LJ5DU46		. BOLT		1
29	69-61912-5		. CRANK ASSY		1
30	69-61912-6		. . CRANK		1
31	BACB10BX5		. . BEARING		2
32	BACB28X4B37		. . BUSHING		4
33	MS24665-134		. PIN, COTTER		2
34	AN320-4		. NUT		2

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
35	AN960PD416L		. WASHER		2
36	BACB30LJ4DU18		. BOLT		2
37	69-37841-12		. LINK ASSY (PREF)	E-P	2
37	69-37841-8		. LINK ASSY (LIMITED)	AB	2
38	69-37841-14		. . LINK (USED ON 69-37841-12)		1
38	69-37841-10		. . LINK (USED ON 69-37841-8)		1
39	135930		. . NUT, V73168 (LIMITED)		1
39	NAS509-5		. . JAMNUT (LIMITED)		1
40	AN960PD516L		. . WASHER		1
41	BACN10CP5L		. . NUT, CYLINDRICAL		1
42	XEMRL635SA27		. . BEARING, ROD END, VF0222 (BOEING 10-60779-124) (OPT)		1
42	177144		. . BEARING, ROD END, V09455 (BOEING 10-60779-124) (OPT)		1
42	NHNE4-205		. . BEARING, ROD END, V15860 (BOEING 10-60779-124) (OPT)		1
42	79E04-124		. . BEARING, ROD END, V16746 (BOEING 10-60779-124) (OPT)		1
42	REM8ATC10-6		. . BEARING, ROD END, V21335 (BOEING 10-60779-124) (OPT)		1
42	ART4E129		. . BEARING, ROD END, V50294 (BOEING 10-60779-124) (OPT)		1
42	ASM4T29		. . BEARING, ROD END, V56644 (BOEING 10-60779-124) (OPT)		1
42	ASM4T29A		. . BEARING, ROD END, V56644 (BOEING 10-60779-124) (OPT)		1
42	MSSR45-14BAF		. . BEARING, ROD END, V73134 (BOEING 10-60779-124) (OPT)		1
42	YTM187		. . BEARING, ROD END, V77896 (BOEING 10-60779-124) (OPT)		1
42	DREM4-292		. . BEARING, ROD END, V81376 (BOEING 10-60779-124) (OPT)		1
42	KBDE4-37		. . BEARING, ROD END, V97613 (BOEING 10-60779-124) (OPT)		1
42	01-824-04E018		. . BEARING, ROD END, V09455 (BOEING 10-60779-124A) (PREF)		1
42	ADNE4-205		. . BEARING, ROD END, V15860 (BOEING 10-60779-124A) (PREF)		1
42	ANM4-108		. . BEARING, ROD END, V50294 (BOEING 10-60779-124A) (PREF)		1
42	ASM4T29A		. . BEARING, ROD END, V56644 (BOEING 10-60779-124A) (PREF)		1

OVERHAUL MANUAL

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE							USE CODE	QTY PER ASSY
			1	2	3	4	5	6	7		
1101-43	03-728-0250		.	.	BEARING, V09455 (BOEING 10-60545-111S)						1
43	SBS8ATC21		.	.	BEARING, V21335 (BOEING 10-60545-111S)						1
43	YTA118		.	.	BEARING, V77896 (BOEING 10-60545-111S)						1
43	BLFN4-061		.	.	BEARING, V81376 (BOEING 10-60545-111S)						1
43	KSBG4N5		.	.	BEARING, V97613 (BOEING 10-60545-111S)						1
43	MS21232-4		.	.	BEARING (OPT TO 10-60545-111S)						1
44	MS24665-134		.		PIN, COTTER						4
45	AN320-4		.		NUT						4
46	AN960PD416L		.		WASHER						4
47	BACB30LJ4DU18		.		BOLT						2
48	BACB30LJ4DU16		.		BOLT						2
49	NAS74A4-005P		.		BUSHING, CLAMPUP						2
50	69-61262-2		.		ROD ASSY						1
50	69-37244-2		.		ROD ASSY (OPT TO 69-61262-2)						1
51	69-61262-7		.	.	ROD (USED ON 69-61262-2)						1
52	NAS354-5-310		.	.	ROD (USED ON 69-37244-2)						1
53	NAS509-5		.	.	JAMNUT						*[1]
54	NAS509L5		.	.	JAMNUT (USED ON 69-61262-2)*[2]						1
55	02-727-0250		.	.	BEARING, ROD END, V09455 (BOEING 10-60779-201)						*[1]
55	02-727-04		.	.	BEARING, ROD END, V09455 (BOEING 10-60779-201)						*[1]
55	ADN4-201		.	.	BEARING, ROD END, V15860 (BOEING 10-60779-201)						*[1]
55	NHN4-201		.	.	BEARING, ROD END, V15860 (BOEING 10-60779-201)						*[1]
55	REF8ATC10		.	.	BEARING, ROD END, V21335 (BOEING 10-60779-201)						*[1]
55	ART4-106		.	.	BEARING, ROD END, V50294 (BOEING 10-60779-201)						*[1]
55	ART1-106		.	.	BEARING, ROD END, V50294 (BOEING 10-60779-201)						*[1]
55	FSSR45-14BAC		.	.	BEARING, ROD END, V73134 (BOEING 10-60779-201)						*[1]
55	YTF124A		.	.	BEARING, ROD END, V77896 (BOEING 10-60779-201)						*[1]

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FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE							USE CODE	QTY PER ASSY
			1	2	3	4	5	6	7		
1101-55	DREF4-055		.	.	BEARING, ROD END, V77896 (BOEING 10-60779-201)						*[1]
55	KBD4-46		.	.	BEARING, ROD END, V97613 (BOEING 10-60779-201)						*[1]
55	KBDN4-46		.	.	BEARING, ROD END, V97613 (BOEING 10-60779-201)						*[1]
56	12-727-0250		.	.	BEARING, ROD END, V09455 (BOEING 10-60779-201L) (USED ON 69-6162-2) *[2]						1
56	NHNL4-201		.	.	BEARING, ROD END, V15860 (BOEING 10-60779-201L) (USED ON 69-6162-2) *[2]						1
56	REFL8ATC10		.	.	BEARING, ROD END, V21335 (BOEING 10-60779-201L) (USED ON 69-6162-2) *[2]						1
56	ARTL4-106		.	.	BEARING, ROD END, V50294 (BOEING 10-60779-201L) (USED ON 69-6162-2) *[2]						1
56	FSSLR45-14BAC		.	.	BEARING, ROD END, V73134 (BOEING 10-60779-201L) (USED ON 69-6162-2) *[2]						1
56	YTF124-AL		.	.	BEARING, ROD END, V77896 (BOEING 10-60779-201L) (USED ON 69-6162-2) *[2]						1
56	DREFLH-4-055		.	.	BEARING, ROD END, V81376 (BOEING 10-60779-201L) (USED ON 69-6162-2) *[2]						1
56	KBDL4-46		.	.	BEARING, ROD END, V97613 (BOEING 10-60779-201L) (USED ON 69-6162-2) *[2]						1
57	69-61262-1		.	.	ROD ASSY						1
57	69-37244-1		.	.	ROD ASSY (OPT TO 69-61262-1)						1
58	69-61262-6		.	.	ROD (USED ON 69-61262-1)						1
59	NAS354-5270		.	.	ROD (USED ON 69-37244-1)						1
60	NAS509-5		.	.	JAMNUT						*[1]
61	NAS509L5		.	.	JAMNUT (USED ON 69-61262-1)*[2]						1
62	02-727-0250		.	.	BEARING, ROD END, V09455 (BOEING 10-60779-201)						*[1]
62	02-727-04		.	.	BEARING, ROD END, V09455 (BOEING 10-60779-201)						*[1]
62	ADN4-201		.	.	BEARING, ROD END, V15860 (BOEING 10-60779-201)						*[1]
62	NHN4-201		.	.	BEARING, ROD END, V15860 (BOEING 10-60779-201)						*[1]

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FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-62	REF8ATC10		. . BEARING, ROD END, V21335 (BOEING 10-60779-201)		*[1]
62	ART4-106		. . BEARING, ROD END, V50294 (BOEING 10-60779-201)		*[1]
62	ART1-106		. . BEARING, ROD END, V50294 (BOEING 10-60779-201)		*[1]
62	FSSR45-14BAC		. . BEARING, ROD END, V73134 (BOEING 10-60779-201)		*[1]
62	YTF124-A		. . BEARING, ROD END, V77896 (BOEING 10-60779-201)		*[1]
62	DREF4-055		. . BEARING, ROD END, V81376 (BOEING 10-60779-201)		*[1]
62	KBD4-46		. . BEARING, ROD END, V97613 (BOEING 10-60779-201)		*[1]
62	KBDN4-46		. . BEARING, ROD END, V97613 (BOEING 10-60779-201)		*[1]
63	12-727-0250		. . BEARING, ROD END, V09455 (BOEING 10-60779-201L) (USED ON 69-61262-1) *[2]		1
63	NHNL4-201		. . BEARING, ROD END, V15860 (BOEING 10-60779-201L) (USED ON 69-61262-1) *[2]		1
63	REFL8ATC10		. . BEARING, ROD END, V21335 (BOEING 10-60779-201L) (USED ON 69-61262-1) *[2]		1
63	ARTL4-106		. . BEARING, ROD END, V50294 (BOEING 10-60779-201L) (USED ON 69-61262-1) *[2]		1
63	FSSLR45-14BAC		. . BEARING, ROD END, V73134 (BOEING 10-60779-201L) (USED ON 69-61262-1) *[2]		1
63	YTF124-AL		. . BEARING, ROD END, V77896 (BOEING 10-60779-201L) (USED ON 69-61262-1) *[2]		1
63	DREFLH4-055		. . BEARING, ROD END, V81376 (BOEING 10-60779-201L) (USED ON 69-61262-1) *[2]		1
63	KBDL4-46		. . BEARING, ROD END, V97613 (BOEING 10-60779-201L) (USED ON 69-61262-1) *[2]		1
64	MS24665-134		. PIN, COTTER		2
65	AN320-4		. NUT		2
66	AN96OPD416L		. WASHER		2
67	BACB30LJ4DU-44		. BOLT		2
68	65-49528-9		. CRANK ASSY	ABE-H	2

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE							USE CODE	QTY PER ASSY
			1	2	3	4	5	6	7		
1101-											
68	65-49528-13		.	CRANK ASSY (OPT)						E-H	2
68	65-49528-13		.	CRANK ASSY						I-M	2
68	65-49528-13		.	CRANK ASSY (LIMITED)						NO	2
68	65-49528-19		.	CRANK ASSY (LIMITED)						NO	2
68	65-49528-21		.	CRANK ASSY (LIMITED) (OPT)						NO	2
68	65-49528-31		.	CRANK ASSY (LIMITED) (OPT)						O	2
69	65-49528-10		.	CRANK (USED ON 65-49528-9)							1
69	65-49528-14		.	CRANK (USED ON 65-49528-13)							1
69	65-49528-18		.	CRANK (USED ON 65-49528-19)							1
69	65-49528-20		.	CRANK (USED ON 65-49528-21)							1
69	65-49528-32		.	CRANK (USED ON 65-49528-31)							1
70	BACB10A661		.	BEARING							
71	BACB28X4B25		.	BUSHING							4
72	BACN10JC4		.	NUT							2
73	AN960PD416		.	WASHER							2
74	BACB30NF4-7		.	BOLT							2
75	BACS40R10C26F		.	SHIM, LAMINATED							AR
76	BACN10JC4		.	NUT							3
77	AN960PD416		.	WASHER							3
78	BACB30LJ4U-8		.	BOLT							3
79	MS24665-134		.	PIN, COTTER							1
80	AN320-4		.	NUT							1
81	AN960PD416		.	WASHER							1
82	BACB30LJ4DU-11		.	BOLT							1
83	BACB28Y4B14		.	BUSHING							1
84	MS24665-134		.	PIN, COTTER							1
85	AN320-3		.	NUT							1
86	AN960PD410		.	WASHER							1
87	BACB30LJ3DU-11		.	BOLT							1
88	69-61927-15		.	LUG ASSY							1
89	69-61927-16		.	LUG							1
90	BACB28X4B11		.	BUSHING							1
91	BACB28X6B10		.	BUSHING							1
92	69-61926-3		.	HINGE ASSY							1
93	69-61926-4		.	HINGE							1
94	BACB10BU3		.	BEARING							1
95	BACN10JC4		.	NUT							2
96	AN960PD416		.	WASHER							2
97	BACB30NF4-11		.	BOLT							2
98	BACS40R10E20F		.	SHIM, LAMINATED							AR
99	65-46425-12		.	FILLER							2
100	69-61927-9		.	LUG ASSY						ACEGIK	1
										MO	
100	69-61927-10		.	LUG ASSY						BDFHJL	1
										NP	
101	69-61927-13		.	LUG (USED ON 69-61927-9)							1
101	69-61927-14		.	LUG (USED ON 69-61927-10)							1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
102	MS21232-4		. . BEARING		1
103	BACN10JC4		. NUT		2
104	AN960PD416		. WASHER		2
105	BACB30NF4-9		. BOLT		2
106	BACS40R10E24F		. SHIM, LAMINATED		AR
107	69-61993-1		. LUG ASSY		1
108	69-61993-2		. . LUG		1
109	BACB28X3B11		. . BUSHING		2
110	BACN10JC4		. NUT		6
111	AN960PD416L		. WASHER		6
112	NAS1104-8		. BOLT		4
113	NAS1104-6		. BOLT		2
114	BACS40R10E26F		. SHIM, LAMINATED		AR
115	69-37842-4		. LUG ASSY		1
116	69-37842-10		. . LUG		1
117	BACB28X4B11		. . BUSHING		2
118	69-37842-3		. LUG ASSY		2
119	69-37842-9		. . LUG		1
120	BACB28X4B11		. . BUSHING		2
121	MS24665-134		. PIN, COTTER		3
122	AN320-4		. NUT		3
123	AN960PD416L		. WASHER		3
124	BACB30LJ4DU11		. BOLT		3
125	BACN10JC4		. NUT		6
126	AN960PD416L		. WASHER		6
127	NAS1104-8		. BOLT		4
128	NAS1104-7		. BOLT		2
129	BACS40R10E23F		. SHIM, LAMINATED		AR
130	69-37842-5		. LUG ASSY		3
131	69-37842-11		. . LUG		1
132	03-728-0250		. . BEARING, V09455 (BOEING 10-60545-111S)		1
132	SBS8ATC21		. . BEARING, V21335 (BOEING 10-60545-111S)		1
132	YTA118		. . BEARING, V77896 (BOEING 10-60545-111S)		1
132	BLFN4-061		. . BEARING, V81376 (BOEING 10-60545-111S)		1

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FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-132	KSBG4N5		. . BEARING, V97613 (BOEING 10-60545-111S)		1
132	MS21232-4		. . BEARING (OPT TO 10-60545-111S)		1
133	BACN10JC4		. NUT		2
134	AN960PD416		. WASHER		2
135	BACB30NF4-8		. BOLT		2
136	BACS40R10C10F		. SHIM, LAMINATED		AR
137	69-59889-1		. FITTING ASSY, HINGE		1
138	69-59889-2		. . HINGE		1
139	03-728-0375		. . BEARING, V09455 (BOEING 10-60545-113S)		1
139	SBS12ATC26		. . BEARING, V21335 (BOEING 10-60545-113S)		1
139	TFA6A		. . BEARING, V77896 (BOEING 10-60545-113S)		1
139	BLFN-6-043		. . BEARING, V81376 (BOEING 10-60545-113S)		1
139	KSBG6N5		. . BEARING, V97613 (BOEING 10-60545-113S)		1
139	MS21232-6		. . BEARING (OPT TO 10-60545-113S)		1
140	BACN10JC4		. NUT	A-JMN	2
140	BACN10JC5		. NUT	KLOP	2
141	AN960PD416L		. WASHER	A-JMN	2
141	AN960PD516L		. WASHER	KLOP	2
142	NAS1104-7		. BOLT	A-JMN	2
142	BACB30NF5-7		. BOLT	KLOP	2
143	BACS40R10C10F		. SHIM, LAMINATED		AR
144	69-37845-3		. FITTING ASSY, HINGE		1
145	69-37845-4		. . HINGE		1
146	03-728-0375		. . BEARING, V09455 (BOEING 10-60545-113S)		1
146	SBS12ATC26		. . BEARING, V21335 (BOEING 10-60545-113S)		1
146	TFA6A		. . BEARING, V77896 (BOEING 10-60545-113S)		1
146	BLFN-6-043		. . BEARING, V81376 (BOEING 10-60545-113S)		1
146	KSBG6N5		. . BEARING, V97613 (BOEING 10-60545-113S)		1
146	MS21232-6		. . BEARING (OPT TO 10-60545-113S)		1
147	BACN10JC4		. NUT	A-JMN	2
147	BACN10JC5		. NUT	KLOP	2

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FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
148	AN960PD416		. WASHER	A-JMN	2
148	AN960PD516		. WASHER	KLOP	2
149	BACB30NF4-10		. BOLT	A-JMN	2
149	BACB30NF5-10		. BOLT	KLOP	2
150	BACS40R10C10F		. SHIM, LAMINATED		AR
151	69-61921-1		. FITTING ASSY, HINGE		1
152	69-61921-2		. . HINGE		1
153	03-728-0375		. . BEARING, V09455 (BOEING 10-60545-113S)		1
153	SBS12ATC26		. . BEARING, V21335 (BOEING 10-60545-113S)		1
153	TFA6A		. . BEARING, V77896 (BOEING 10-60545-113S)		1
153	BLFN-6-043		. . BEARING, V81376 (BOEING 10-60545-113S)		1
153	KSBG6N5		. . BEARING, V97613 (BOEING 10-60545-113S)		1
153	MS21232-6		. . BEARING (OPT TO 10-60545-113S)		1
154	BACR15BA4D		. RIVET		3
155	66-24198-11		. ACTUATOR, SENSOR		1
156	66-24198-7		. ACTUATOR, SENSOR		1
157	66-24198-3		. BLOCK, SUPPORT		1
158	BACN10JC4		. NUT		6
159	AN960PD416L		. WASHER		6
160	NAS1104-13		. BOLT		6
161	65-46425-10		. FILLER, LAMINATED		4
162	69-37846-3		. FITTING ASSY, HINGE		2
163	69-37846-4		. . HINGE		1
164	03-730-0500		. . BEARING, V09455 (BOEING 10-60545-140S)		1
164	NHSB8V202		. . BEARING, V15860 (BOEING 10-60545-140S)		1
164	SBS16ATC32-2		. . BEARING, V21335 (BOEING 10-60545-140S)		1
164	ABWT8V103		. . BEARING, V50294 (BOEING 10-60545-140S)		1
164	WC8TG2		. . BEARING, V56644 (BOEING 10-60545-140S)		1
164	WRG8BACH		. . BEARING, V73134 (BOEING 10-60545-140S)		1
164	YTA145		. . BEARING, V77896 (BOEING 10-60545-140S)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE							USE CODE	QTY PER ASSY
			1	2	3	4	5	6	7		
1101-164	BLFR8-026		.	.	BEARING, V81376 (BOEING						1
					10-60545-140S)						
164	KSBN8-21		.	.	BEARING, V97613 (BOEING						1
					10-60545-140S)						
165	65-67101-15		.		SEAL INSTL					ACEGIK	1
										MO	
165	65-67101-16		.		SEAL INSTL					BDFHJL	1
										NP	
166	BACN10JC3		.	.	NUT						35
167	AN960-10		.	.	WASHER						35
168	BACB30LU3-4		.	.	BOLT						35
169	69-54943-21		.	.	SEAL (OPT) (USED ON 65-67101-15)						1
169	69-54943-22		.	.	SEAL (OPT) (USED ON 65-67101-16)						1
169	69-54943-27		.	.	SEAL (OPT) (USED ON 65-67101-15)						1
169	69-54943-28		.	.	SEAL (OPT) (USED ON 65-67101-16)						1
169	69-54943-33		.	.	SEAL (OPT) (USED ON 65-67101-15)						1
169	69-54943-34		.	.	SEAL (OPT) (USED ON 65-67101-16)						1
169	69-54943-39		.	.	SEAL (OPT) (USED ON 65-67101-15)						1
169	69-54943-40		.	.	SEAL (OPT) (USED ON 65-67101-16)						1
170	69-54943-19		.	.	SEAL (OPT) (USED ON 65-67101-15)						1
170	69-54943-20		.	.	SEAL (OPT) (USED ON 65-67101-16)						1
170	69-54943-25		.	.	SEAL (OPT) (USED ON 65-67101-15)						1
170	69-54943-26		.	.	SEAL (OPT) (USED ON 65-67101-16)						1
170	69-54943-31		.	.	SEAL (OPT) (USED ON 65-67101-15)						1
170	69-54943-32		.	.	SEAL (OPT) (USED ON 65-67101-16)						1
170	69-54943-37		.	.	SEAL (OPT) (USED ON 65-67101-15)						1
170	69-54943-38		.	.	SEAL (OPT) (USED ON 65-67101-16)						1
171	69-43512-5		.	.	SEAL						1
172	BACN10JC3		.	.	NUT						3
173	AN960PD10L		.	.	WASHER						3
174	BACB30LU3-2		.	.	BOLT						3
175	69-43513-10		.	.	RETAINER						1
176	69-43512-6		.	.	SEAL						1
177	BACN10JC3		.	.	NUT						2
178	AN960PD10L		.	.	WASHER						2
179	BACB30FN6-2		.	.	BOLT						2
180	69-43513-11		.	.	RETAINER						1
181	BACN10JC3		.	.	NUT						6
182	BACB30LU3-3		.	.	BOLT						6
183	65-67101-26		.	.	RETAINER (LIMITED)						1
183	65-67101-31		.	.	RETAINER (LIMITED)						1

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FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	USE CODE	QTY PER ASSY
1101-					
184	65-67101-27		. . SEAL (LIMITED)		1
184	6567101-32		. . SEAL (LIMITED)		1
185	69-61909-5		. TAILGATE ASSY	ACEGIK	1
185	69-61909-6		. TAILGATE ASSY	BDFHJL	1
185	69-61909-9		. TAILGATE ASSY	MO	1
185	69-61909-10		. TAILGATE ASSY	NP	1
186	69-61909-7		. . TAILGATE (USED ON 69-61909-5)		1
186	69-61909-8		. . TAILGATE (USED ON 69-61909-6)		1
186	69-61909-11		. . TAILGATE (USED ON 69-61909-9)		1
186	69-61909-12		. . TAILGATE (USED ON 69-61909-10)		1
187	BACB28X4B16		. . BUSHING		1
188	BACB28Y7B16		. . BUSHING		1
189	69-37807-5		. TAILGATE ASSY	ACEGIK	1
				MO	
189	69-37807-6		. TAILGATE ASSY	BDFHJL	1
				NP	
190	69-37807-7		. . TAILGATE (USED ON 69-37807-5)		1
190	69-37807-8		. . TAILGATE (USED ON 69-37807-6)		1
191	BACB28X4B16		. . BUSHING		2
192	BACB28Y7B16		. . BUSHING		2
193	65-76173-1		. FLAP ASSY	AC	1
193	65-76173-2		. FLAP ASSY	BD	1
193	65-76173-5		. FLAP ASSY	E	1
193	65-76173-5		. FLAP ASSY (LIMITED)	G	1
193	65-76173-6		. FLAP ASSY	F	1
193	65-76173-6		. FLAP ASSY (LIMITED)	H	1
193	65-76173-7		. FLAP ASSY	IKMO	1
193	65-76173-8		. FLAP ASSY	JLNP	1
193	65-76173-11		. FLAP ASSY (LIMITED)	E	1
193	65-76173-12		. FLAP ASSY (LIMITED)	F	1
194	65-76173-3		. . FLAP (USED ON 65-76173-1)		1
194	65-76173-4		. . FLAP (USED ON 65-76173-2)		1
194	65-76173-9		. . FLAP (USED ON 65-76173-5)		1
194	65-76173-10		. . FLAP (USED ON 65-76173-6)		1
194	65-76173-13		. . FLAP (USED ON 65-76173-11)		1
194	65-76173-14		. . FLAP (USED ON 65-76173-12)		1
195	BACB28X10C45		. . BUSHING (USED ON 65-76173-1,-2, -5, -6)		2
195	BACB28X10C45		. . BUSHING (USED ON 65-76173-7,-8, -11, -12)		1
195A	BACB28X10C41		. . BUSHING (USED ON 65-76173-7,-8, -11, -12)		1

FIG. & ITEM NO.	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE							USE CODE	QTY PER ASSY
			1	2	3	4	5	6	7		
1101-											
196	BACB28X4B16		.	.	BUSHING						4
197	BACB28X5B11		.	.	BUSHING						2
198	65-46425-11		.		STRIP, RUB						1
199	65-46425-9		.		STRIP, RUB						1
200	65-86048-7		.		TEE *[3] (POST SB 57-1077)					BF	1
200	65-86048-7		.		TEE *[3]					H	1
200	65-86048-8		.		TEE *[3] (POST SB 57-1077)					AE	1
200	65-86048-8		.		TEE *[3]					G	1
201	65-86048-7		.		TEE *[3] (POST SB 57-1077)					AE	1
201	65-86048-7		.		TEE *[3]					G	1
201	65-86048-8		.		TEE *[3] (POST SB 57-1077)					BF	1
201	65-86048-8		.		TEE *[3]					H	1
202	65-86048-5		.		TEE *[3] (POST SB 57-1077)					BF	1
202	65-86048-5		.		TEE *[3]					H	1
202	65-86048-6		.		TEE *[3] (POST SB 57-1077)					AE	1
202	65-86048-6		.		TEE *[3]					G	1
203	65-86048-5		.		TEE *[3] (POST SB 57-1077)					AE	1
203	65-86048-5		.		TEE *[3]					G	1
203	65-86048-6		.		TEE *[3] (POST SB 57-1077)					BF	1
203	65-86048-6		.		TEE *[3]					H	1
204	BACB30LB6-5		.		BOLT (POST SB 57-1077) *[3]					ABC	8
204	BACB30LB6-5		.		BOLT *[3]					GH	8
205	BACB30LB6-4		.		BOLT (POST SB 57-1077) *[3]					ABFE	8
205	BACB30LB6-4		.		BOLT *[3]					GH	8
206	BACB30LB8-5		.		BOLT (POST SB 57-1077) *[3]					ABFE	2
206	BACB30LB8-5		.		BOLT *[3]					GH	2
207	BACB30LB8-4		.		BOLT (POST SB 57-1077) *[3]					ABFE	2
207	BACB30LB8-4		.		BOLT *[3]					GH	2
208	BACB30FM5-3		.		BOLT (POST SB 57-1077) *[3]					ABFE	16
208	BACB30FM5-3		.		BOLT *[3]					GH	16
209	BACC30M5		.		COLLAR (POST SB 57-1077) *[3]					ABFE	16
209	BACC30M5		.		COLLAR *[3]					GH	16
210	BACB30FM6-3		.		BOLT (POST SB 57-1077) *[3]					ABFE	32
210	BACB30FM6-3		.		BOLT *[3]					GH	32
211	BACC30M6		.		COLLAR (POST SB 57-1077) *[3]					ABFE	32
211	BACC30M6		.		COLLAR *[3]					GH	32

*[1] USE 1 ON 69-61262-1, -2; USE 2 ON 69-37244-1, -2.

*[2] LEFT-HAND THREAD. USE ITEM (8) WITH ITEM (10), ITEM (54) WITH ITEM (56), AND ITEM (61) WITH ITEM (63).

*[3] PART OF BASIC STRUCTURE.

VENDORS

V09455	RBC TRANSPORT DYNAMICS CORP., 3131 WEST SEGERSTROM AVE., SANTA ANA, CALIFORNIA 92702-5811
VF0222	SKF AEROSPACE, 1 AV MARC SEGUIN, BP 29, SAINT VALLIER, FRANCE 26240
V15860	NEW HAMPSHIRE BALL BEARINGS, INC., DBA ASTRO DIV., 155 LEXINGTON DR., LACONIA, NEW HAMPSHIRE 03246-2937
V16746	SPECLINE, INC., 2230 MOUTON DR., CARSON CITY, NEVADA 89706-0445
V21335	TIMKEN US CORP., 336 MECHANIC ST., LEBANON, NEW HAMPSHIRE 03766-2614
V50294	NEW HAMPSHIRE BALL BEARINGS INC., 9700 INDEPENDENCE AVE., CHATSWORTH, CALIFORNIA 91311-4323
V73134	ROLLER BEARING CO. OF AMERICA, DBA HEIM BEARINGS DIV., 60 ROUND HILL RD., FAIRFIELD, CONNECTICUT 06424-5772
V73168	KIDDE TECHNOLOGIES, INC., DBA FENWAL SAFETY SYSTEMS, 4200 AIRPORT DR. N.W., WILSON, NORTH CAROLINA 27896-8630
V77896	REXNORD INC., BEARING OPERATION, 2400 CURTIS STREET, DOWNERS GROVE, ILLINOIS 60515-4037
V81376	RBC SOUTHWEST PRODUCTS COMPANY, 2240 BUENA VISTA ST., DUARTE, CALIFORNIA 91010-3318
V97613	DOVER DIVERSIFIED, INC., DBA KAHR BEARING, 5675 BURLINGAME RD., TUCSON, ARIZONA 85743-9453

OVERHAUL MANUAL

Part No.	Fig. and Index No.	Qty per. Assy
ABWT8V103	1101-164	1
ADN4-201	55	*[1]
ADN4-201	62	*[1]
ADNE4-205	23	1
ADNE4-205	42	1
ADNE4-205	9	1
AN320-3	85	1
AN320-4	12	2
AN320-4	122	3
AN320-4	2	1
AN320-4	34	2
AN320-4	45	4
AN320-4	65	2
AN320-4	80	1
AN320-5	26	1
AN960-10	167	35
AN960C416L	17	1
AN960PD10L	173	3
AN960PD10L	178	2
AN960PD410	86	1
AN960PD416	104	2
AN960PD416	13	2
AN960PD416	134	2
AN960PD416	148	2
AN960PD416	3	1
AN960PD416	73	2
AN960PD416	77	3
AN960PD416	81	1
AN960PD416	96	2
AN960PD416L	111	6
AN960PD416L	123	3
AN960PD416L	126	6
AN960PD416L	141	2
AN960PD416L	159	6
AN960PD416L	35	2
AN960PD416L	46	4
AN960PD516	148	2
AN960PD516	27	1
AN960PD516L	141	2
AN960PD516L	21	1
AN960PD516L	40	1
AN960PD416L	66	2
ANM4-108	23	1
ANM4-108	42	1
ANM4-108	9	1

Part No.	Fig. and Index No.	Qty per. Assy
ART1-106	55	*[1]
ART1-106	62	*[1]
ART4-106	55	*[1]
ART4-106	62	*[1]
ART4E129	23	1
ART4E129	42	1
ART4E129	9	1
ARTL4-106	56	1
ARTL4-106	63	1
ARTL4E129	10	1
ASM4T29	23	1
ASM4T29	42	1
ASM4T29	9	1
ASM4T29A	23	1
ASM4T29A	23	1
ASM4T29A	42	1
ASM4T29A	42	1
ASM4T29A	9	1
ASM4T29A	9	1
BACB10A661	70	
BACB10BU3	94	1
BACB10BX5	31	2
BACB28X10C41	195A	1
BACB28X10C45	195	2
BACB28X10C45	195	1
BACB28X3B11	109	2
BACB28X4B11	117	2
BACB28X4B11	120	2
BACB28X4B11	90	1
BACB28X4B16	187	1
BACB28X4B16	191	2
BACB28X4B16	196	4
BACB28X4B25	71	4
BACB28X4B37	32	4
BACB28X5B11	197	2
BACB28X6B10	91	1
BACB28Y4B14	83	1
BACB28Y7B16	188	1
BACB28Y7B16	192	2
BACB30FM5-3	208	16
BACB30FM5-3	208	16
BACB30FM6-3	210	32
BACB30FM6-3	210	32
BACB30FN6-2	179	2

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Part No.	Fig. and Index No.	Qty per. Assy
BACB30LB6-4	1101-205	8
BACB30LB6-4	205	8
BACB30LB6-5	204	8
BACB30LB6-5	204	8
BACB30LB8-4	207	2
BACB30LB8-4	207	2
BACB30LB8-5	206	2
BACB30LB8-5	206	2
BACB30LJ3DU-11	87	1
BACB30LJ4DU-11	82	1
BACB30LJ4DU11	124	3
BACB30LJ4DU16	48	2
BACB30LJ4DU17	15	1
BACB30LJ4DU18	36	2
BACB30LJ4DU18	47	2
BACB30LJ4DU-23	4	1
BACB30LJ4DU23	14	1
BACB30LJ4DU-44	67	2
BACB30LJ4U-8	78	3
BACB30LJ5DU46	28	1
BACB30LU3-2	174	3
BACB30LU3-3	182	6
BACB30LU3-4	168	35
BACB30NF4-10	149	2
BACB30NF4-11	97	2
BACB30NF4-7	74	2
BACB30NF4-8	135	2
BACB30NF4-9	105	2
BACB30NF5-10	149	2
BACB30NF5-7	142	2
BACC30M5	209	16
BACC30M5	209	16
BACC30M6	211	32
BACC30M6	211	32
BACN10CP5L	22	1
BACN10CP5L	41	1
BACN10JC3	166	35
BACN10JC3	172	3
BACN10JC3	177	2
BACN10JC3	181	6
BACN10JC4	103	2
BACN10JC4	110	6
BACN10JC4	125	6
BACN10JC4	133	2
BACN10JC4	140	2

Part No.	Fig. and Index No.	Qty per. Assy
BACN10JC4	147	2
BACN10JC4	158	6
BACN10JC4	72	2
BACN10JC4	76	3
BACN10JC4	95	2
BACN10JC5	140	2
BACN10JC5	147	2
BACR15BA4D	154	3
BACS40R10C10F	136	AR
BACS40R10C10F	143	AR
BACS40R10C10F	150	AR
BACS40R10C26F	75	AR
BACS40R10E20F	98	AR
BACS40R10E23F	129	AR
BACS40R10E24F	106	AR
BACS40R10E26F	114	AR
BLFN4-061	132	1
BLFN4-061	43	1
BLFN-6-043	139	1
BLFN-6-043	146	1
BLFN-6-043	153	1
BLFR8-026	164	1
DREF4-055	62	*[1]
DREF4-055	55	*[1]
DREFLH4-055	56	1
DREFLH4-055	63	1
DREM4-292	23	1
DREM4-292	42	1
DREM4-292	9	1
DREMLH-4-292	10	1
FSSLR45-14BAC	56	1
FSSLR45-14BAC	63	1
FSSR45-14BAC	55	*[1]
FSSR45-14BAC	62	*[1]
KBD4-46	55	*[1]
KBD4-46	62	*[1]
KBDE4-37	23	1
KBDE4-37	42	1
KBDE4-37	9	1
KBDEL4-37	10	1
KBDL4-46	56	1
KBDL4-46	63	1

Part No.	Fig. and Index No.	Qty per. Assy
KBDN4-46	1101-55	*[1]
KBDN4-46	62	*[1]
KSBG4N5	132	1
KSBG4N5	43	1
KSBG6N5	139	1
KSBG6N5	146	1
KSBG6N5	153	1
KSBN8-21	164	1
MS21232-4	102	1
MS21232-4	132	1
MS21232-4	24	1
MS21232-4	43	1
MS21232-6	139	1
MS21232-6	146	1
MS21232-6	153	1
MS24665-134	1	1
MS24665-134	11	2
MS24665-134	121	3
MS24665-134	25	1
MS24665-134	33	2
MS24665-134	44	4
MS24665-134	64	2
MS24665-134	79	1
MS24665-134	84	1
MSSLR45-14BAF	10	1
MSSR45-14BAF	23	1
MSSR45-14BAF	42	1
MSSR45-14BAF	9	1
NAS1104-13	160	6
NAS1104-6	113	2
NAS1104-7	128	2
NAS1104-7	142	2
NAS1104-8	112	4
NAS1104-8	127	4
NAS354-5270	59	1
NAS354-5-310	52	1
NAS509-5	20	1
NAS509-5	39	1
NAS509-5	53	*[1]
NAS509-5	60	*[1]
NAS509-5	7	1
NAS509L5	54	1
NAS509L5	61	1

Part No.	Fig. and Index No.	Qty per. Assy
NAS509L5	8	1
NAS74A4-005P	49	2
NAS74A4-006P	16	1
NHN4-201	55	*[1]
NHN4-201	62	*[1]
NHNE4-205	23	1
NHNE4-205	42	1
NHNE4-205	9	1
NHNEL4-205	10	1
NHNL4-201	56	1
NHNL4-201	63	1
NHSB8V202	164	1
REF8ATC10	55	*[1]
REF8ATC10	62	*[1]
REFL8ATC10	56	1
REFL8ATC10	63	1
REM8ATC10-6	23	1
REM8ATC10-6	42	1
REM8ATC10-6	9	1
REML8ATC10-6	10	1
SBS12ATC26	139	1
SBS12ATC26	146	1
SBS12ATC26	153	1
SBS16ATC32-2	164	1
SBS8ATC21	132	1
SBS8ATC21	43	1
TFA6A	139	1
TFA6A	146	1
TFA6A	153	1
WC8TG2	164	1
WRG8BACH	164	1
X3MRL635SA27	9	1
XEMRL635SA27	23	1
XEMRL635SA27	42	1
YTA118	132	1
YTA118	43	1
YTA145	164	1
YTF124A	62	*[1]
YTF124AL	63	1

Part No.	Fig. and Index No.	Qty. per Assy.
YTF124A	1101-55	*[1]
YTF124AL	56	1
YTM187	23	1
YTM187	42	1
YTM187	9	1
YTM187L	10	1
01-824-04E018	23	1
01-824-04E018	42	1
01-824-04E018	9	1
02-727-0250	55	*[1]
02-727-0250	62	*[1]
02-727-04	55	*[1]
02-727-04	62	*[1]
03-728-0250	132	1
03-728-0250	43	1
03-728-0375	139	1
03-728-0375	146	1
03-728-0375	153	1
03-730-0500	164	1
12-727-0250	56	1
12-727-0250	63	1
135930	39	1
167144	10	1
177144	23	1
177144	42	1
177144	9	1
65-46425-7		RF
65-46425-10	161	4
65-46425-11	198	1
65-46425-12	99	2
65-46425-17		RF
65-46425-18		RF
65-46425-25		RF
65-46425-26		RF
65-46425-27		RF
65-46425-28		RF
65-46425-29		RF
65-46425-30		RF
65-46425-31		RF
65-46425-32		RF
65-46425-33		RF
65-46425-34		RF
65-46425-35		RF
65-46425-36		RF
65-46425-8		RF
65-46425-9	199	1

Part No.	Fig. and Index No.	Qty. per Assy.
65-49528-10	69	1
65-49528-13	68	2
65-49528-13	68	2
65-49528-13	68	2
65-49528-14	69	1
65-49528-18	69	1
65-49528-19	68	2
65-49528-20	69	2
65-49528-21	68	2
65-49528-31	68	1
65-49528-32	69	1
65-49528-9	68	2
65-67101-15	165	1
65-67101-16	165	1
65-67101-26	183	1
65-67101-27	184	1
65-67101-31	183	1
6567101-32	184	1
65-76173-1	193	1
65-76173-10	194	1
65-76173-11	193	1
65-76173-12	193	1
65-76173-13	194	1
65-76173-14	194	1
65-76173-2	193	1
65-76173-3	194	1
65-76173-4	194	1
65-76173-5	193	1
65-76173-5	193	1
65-76173-6	193	1
65-76173-6	193	1
65-76173-7	193	1
65-76173-8	193	1
65-76173-9	194	1
65-86048-5	202	1
65-86048-5	202	1
65-86048-5	203	1
65-86048-5	203	1
65-86048-6	202	1
65-86048-6	202	1
65-86048-6	203	1
65-86048-6	203	1
65-86048-7	200	1
65-86048-7	200	1
65-86048-7	201	1

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Part No.	Fig. and Index No.	Qty per. Assy
65-86048-7	1101-201	1
65-86048-8	200	1
65-86048-8	200	1
65-86048-8	201	1
65-86048-8	201	1
66-24198-11	155	1
66-24198-3	157	1
66-24198-7	156	1
69-37244-1	57	1
69-37244-2	50	1
69-37807-5	189	1
69-37807-6	189	1
69-37807-7	190	1
69-37807-8	190	1
69-37841-10	38	1
69-37841-12	37	2
69-37841-14	38	1
69-37841-8	37	2
69-37842-10	116	1
69-37842-11	131	1
69-37842-3	118	2
69-37842-4	115	1
69-37842-5	130	3
69-37842-9	119	1
69-37845-3	144	1
69-37845-4	145	1
69-37846-3	162	2
69-37846-4	163	1
69-43512-5	171	1
69-43512-6	176	1
69-43513-10	175	1
69-43513-11	180	1
69-54931-32	170	1
69-54931-34	169	1
69-54931-37	170	1
69-54931-38	170	1
69-54931-39	169	1
69-54931-40	169	1
69-54943-19	170	1
69-54943-20	170	1
69-54943-21	169	1
69-54943-22	169	1
69-54943-25	170	1
69-54943-26	170	1
69-54943-27	169	1

Part No.	Fig. and Index No.	Qty per. Assy
69-54943-28	169	1
69-54943-31	170	1
69-54943-33	169	1
69-59889-1	137	1
69-59889-2	138	1
69-59895-3	18	1
69-59895-4	19	1
69-59897-1	5	1
69-59897-2	6	1
69-61262-1	57	1
69-61262-2	50	1
69-61262-6	58	1
69-61262-7	51	1
69-61909-10	185	1
69-61909-11	186	1
69-61909-12	186	1
69-61909-5	185	1
69-61909-6	185	1
69-61909-7	186	1
69-61909-8	186	1
69-61909-9	185	1
69-61912-5	29	1
69-61912-6	30	1
69-61921-1	151	1
69-61921-2	152	1
69-61926-3	92	1
69-61926-4	93	1
69-61927-10	100	1
69-61927-13	101	1
69-61927-14	101	1
69-61927-15	88	1
69-61927-16	89	1
69-61927-9	100	1
69-61993-1	107	1
69-61993-2	108	1
79E04-124	23	1
79E04-124	42	1
79E04-124	9	1