

WASTE DRAIN VALVE - MAINTENANCE PRACTICES

EFFECTIVITY: ALL

1. General

- A. This section gives the maintenance practices for the waste drain valve seals.
- B. The procedures in this section are given in the sequence below. The tasks identified with (◆) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
38-32-04-960-801-A ◆	WASTE DRAIN VALVE O-RING - RE-PLACEMENT/DISPOSAL	ALL
38-32-04-960-802-A ◆	WASTE DRAIN VALVE CAP SEAL - RE-PLACEMENT/DISPOSAL	ALL

TASK 38-32-04-960-801-A

EFFECTIVITY: ALL

2. WASTE DRAIN VALVE O-RING - REPLACEMENT/DISPOSAL

A. General

(1) This task gives the maintenance practices for the waste drain valve O-ring.

B. References

REFERENCE	DESIGNATION
AMM TASK 38-30-00-600-801-A/300	-
IPC 38-32-04	WASTE DRAIN VALVE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
193	193MR	Right side of the rear wing-to-fuselage fairing

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
Commercially available	Parker Super-O-Lube Lubricant	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Valve Seal (O-Ring)	IPC 38-32-04	1

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Rear right side of the fuselage bottom

I. Discard Waste Drain Valve O-Ring ([Figure 201](#))

SUBTASK 960-002-A

(1) Service the waste disposal (AMM TASK 38-30-00-600-801-A/300). Leave the cap assembly and flapper open.

- (2) Pinch on both sides of the flapper to cause the valve O-ring (4) to bow out of the groove and hold it. Remove and discard the valve O-ring (4).

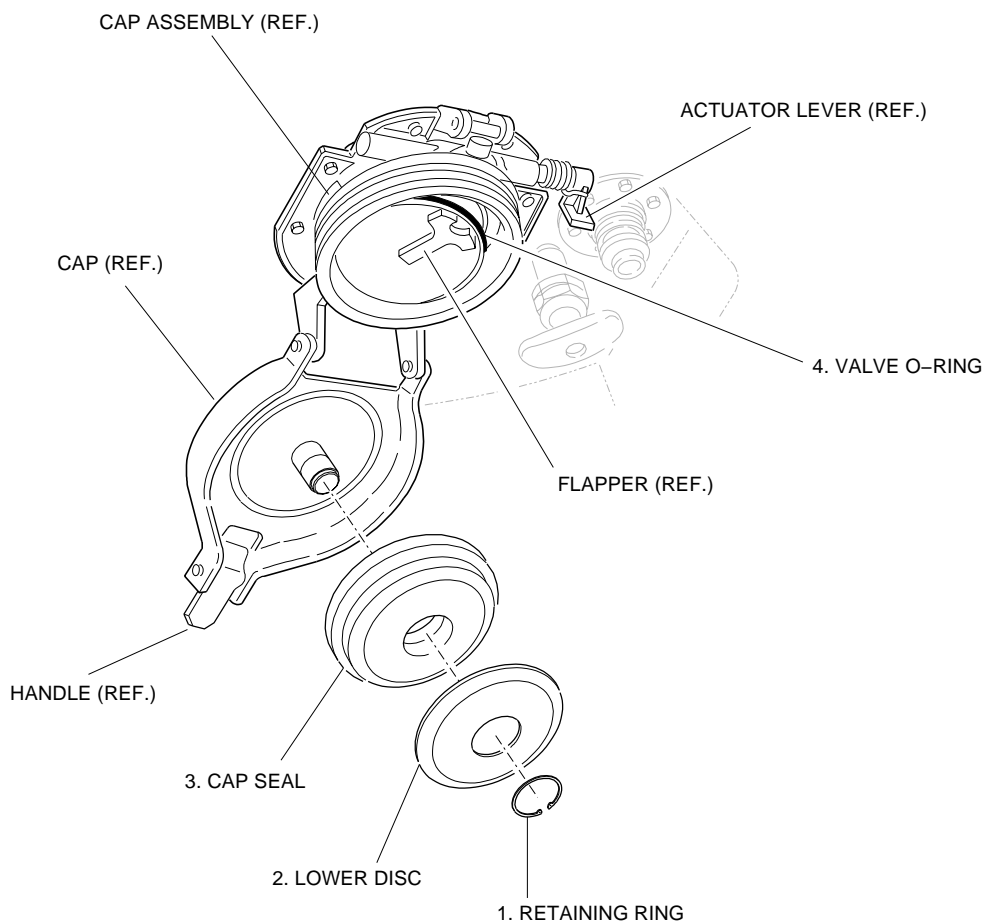
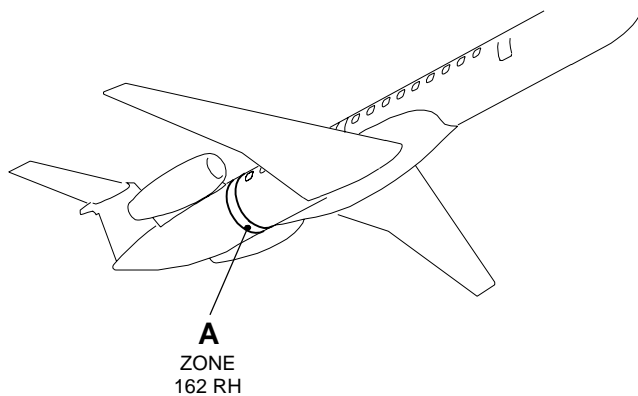
CAUTION: USE ONLY PARKER SUPER-O-LUBE ASSEMBLY LUBRICANT, OR ANY OTHER LUBRICANT APPROVED BY EMBRAER, ON THE VALVE O-RING AND IN SMALL QUANTITY. THE USE OF UNAPPROVED ASSEMBLY LUBRICANTS CAN CAUSE EXCESSIVE SMELLING AND SOFTENING OR OTHER DAMAGE TO THE O-RING.

- (3) Coat the new valve O-ring (4) with a thin film of Parker Super-O-Lube before assembly.
- (4) Install the valve O-ring (4) evenly without twists on the flapper. Close the flapper and make sure that the valve O-ring (4) does not get cut by the body assembly.
- (5) Close the cap assembly and latch the handle.
- (6) Make sure that the waste drain valve does not have leaks.

EFFECTIVITY: ALL

Waste Drain Valve Seals - Replacement

Figure 201



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TASK 38-32-04-960-802-A
EFFECTIVITY: ALL

3. WASTE DRAIN VALVE CAP SEAL - REPLACEMENT/DISPOSAL

A. General

(1) This task gives the maintenance practices for the waste drain valve cap seal.

B. References

REFERENCE	DESIGNATION
IPC 38-32-04	WASTE DRAIN VALVE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
193	193MR	Right side of the rear wing-to-fuselage fairing

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Cap Seal	IPC 38-32-04	1

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Rear right side of the fuselage bottom

I. Discard Waste Drain Valve Cap Seal (Figure 201)

SUBTASK 960-003-A

WARNING: DO NOT PUSH THE ACTUATOR LEVER TO OPEN THE FLAPPER. THIS CAN RELEASE WASTE THAT HAS ACCUMULATED IN THE WASTE DRAIN DUCT.

- (1) Unlatch the handle and open the cap assembly.
- (2) Remove the retaining ring (1). Slide the lower disc (2) and the cap seal (3) from the cap.



- (3) Slide the new cap seal (3) and the lower disc (2) onto the post on the cap. Install the retaining ring (1).
- (4) Close the cap assembly and latch the handle.
- (5) Make sure that the waste drain valve does not have leaks.