



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

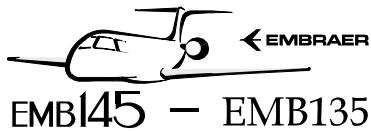
WASTE DRAIN VALVE - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-135

1. General

- A. This section gives the procedures to remove/install the waste drain valve.
- B. To get access to the waste drain valve, you must open the waste-service panel door and remove the baggage-compartment floor lining and floor panel 272AF.
- C. 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
38-32-04-000-802-A	WASTE DRAIN VALVE - REMOVAL	ACFT MODEL(S) EMB-135
38-32-04-400-802-A	WASTE DRAIN VALVE - INSTALLATION	ACFT MODEL(S) EMB-135



AIRCRAFT MAINTENANCE MANUAL

TASK 38-32-04-000-802-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

2. WASTE DRAIN VALVE - REMOVAL

A. General

WARNING: PREVENT CONTACT WITH THE LAVATORY FLUIDS DURING MAINTENANCE OR SERVICING PROCEDURES IN THE LAVATORY AREA. WASTE WATER CAN GET ON YOUR BODY AND CAUSE AN INFECTION.

- **PUT ON SAFETY GOGGLES.**
- **PUT ON SAFETY GLOVES.**
- **PUT ON SAFETY CLOTHES.**

(1) This task gives the procedure to remove the waste drain valve.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM MPP 06-41-02/100	-
AMM TASK 25-51-04-000-801-A/400	BAGGAGE-COMPARTMENT FLOOR LINING - REMOVAL
AMM TASK 38-30-00-600-801-A/300	-
SRM 51-20-01	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
193	193MR	Rear wing-to-fuselage fairing
272	272AF	Baggage compartment floor

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Rubber Goggles	Protection for the eyes	1
Commercially available	Rubber Gloves	Protection for the hands	1
Commercially available	Safety Clothes	Prevent contact with the lavatory fluids	1



EMB145 - EMB135

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F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-S-8802, TYPE II, CLASS B	Sealant, PR-1440 B2	AR
MIL-G-47886	Grease, Molykote, DC-33, Light	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Outside the aircraft
1	Helps with the task	Below the baggage compartment floor

I. Preparation

SUBTASK 841-007-A

- (1) Open waste-service panel door 193MR (AMM MPP 06-41-01/100).
- (2) Drain the toilet waste water (AMM TASK 38-30-00-600-801-A/300).
- (3) Remove the baggage-compartment floor lining ([AMM TASK 25-51-04-000-801-A/400](#)).
- (4) Remove baggage-compartment floor panel 272AF (AMM MPP 06-41-02/100).

J. Removal ([Figure 401](#))

SUBTASK 020-007-A

- (1) Get access to the waste drain hose (1) through the baggage compartment floor and loosen the clamp (2) that attaches the hose to the waste drain valve (3).
- (2) Remove the screws (4) and the washers (5) of the waste drain valve (3).
- (3) Remove the waste drain valve (3).

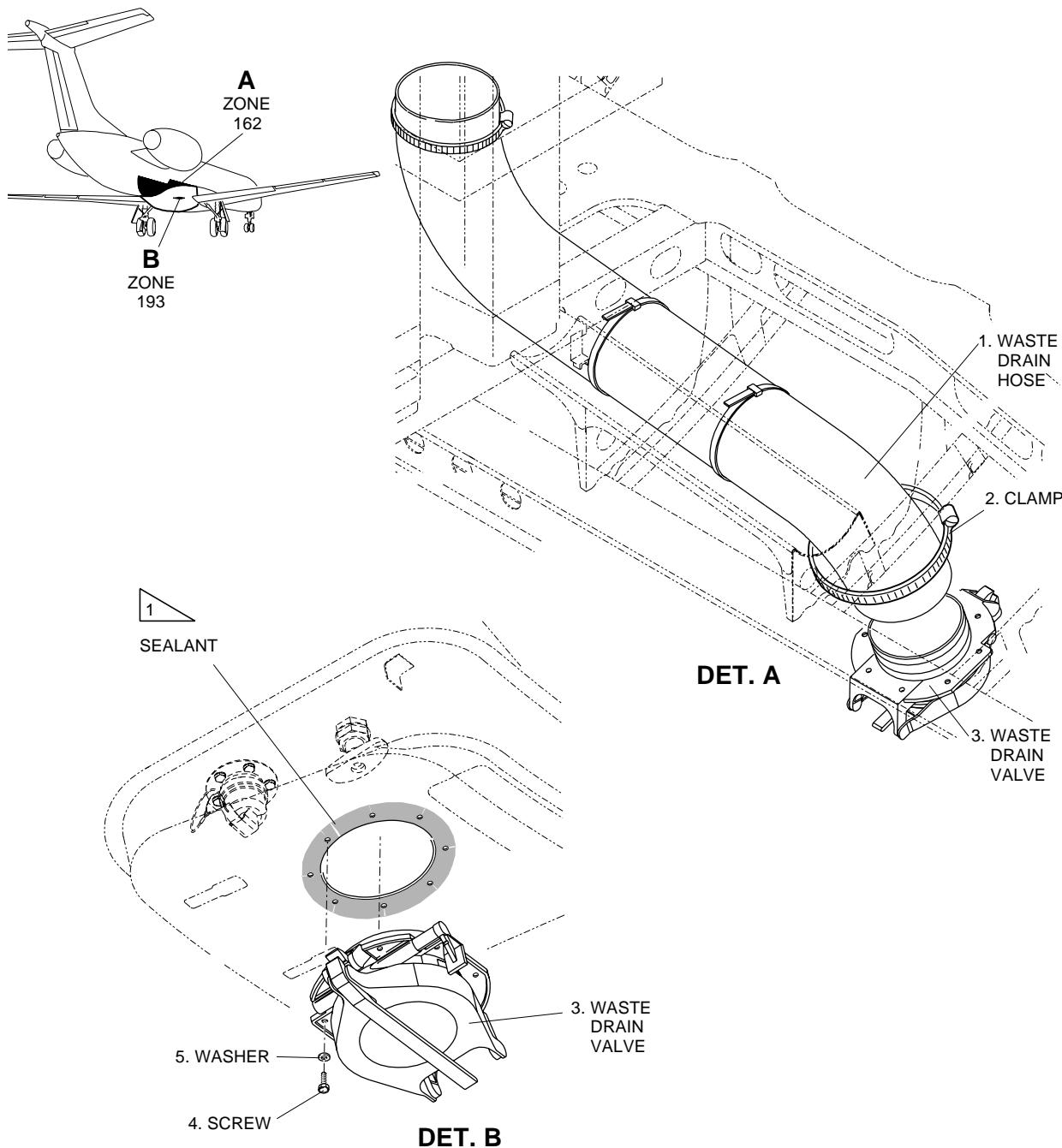
NOTE: • When you remove the waste drain valve, mark its position to make the assembly easier.

• Make sure that the PR-1440 B2 interface sealant is not damaged. If necessary, apply it again. Refer to SRM 51-20-01.

EFFECTIVITY: ACFT MODEL(S) EMB-135

Waste Drain Valve - Removal/Installation

Figure 401



1 PR 1440B2 INTERFACE SEALANT

145AMM380019B.MCE



AIRCRAFT MAINTENANCE MANUAL

TASK 38-32-04-400-802-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

3. WASTE DRAIN VALVE - INSTALLATION

A. General

(1) This task gives the procedure to install the waste drain valve.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM MPP 06-41-02/100	-
AMM TASK 25-51-04-400-801-A/400	BAGGAGE-COMPARTMENT FLOOR LINING - INSTALLATION
AMM TASK 28-41-00-200-801-A/600	-
SRM 51-20-01	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
193	193MR	Rear wing-to-fuselage fairing
272	272AF	Baggage compartment floor

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Rubber Goggles	Protection for the eyes	1
Commercially available	Rubber Gloves	Protection for the hands	1
Commercially available	Safety Clothes	Prevent contact with the lavatory fluids	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Outside the aircraft
1	Helps with the task	Below the baggage compartment floor



I. Installation (Figure 401)

SUBTASK 420-007-A

- (1) Make sure that the PR-1440 B2 interface sealant is not damaged. If necessary, apply it again. Refer to SRM 51-20-01.

NOTE: If the interface sealant is damaged, leakage can occur.

- (2) Apply the Molykote DC-33 light product to the waste drain-valve parts that will be in contact with the interface sealant.

NOTE: The application of the Molykote DC-33 lubricant will prevent damage during the subsequent task, which refers to the waste drain-valve removal.

- (3) Correctly put the waste drain valve in its installation location.

- (4) Install the screws (4) and the washers (5) of the waste drain valve (3) and tighten them in a crisscross pattern.

- (5) Attach the waste drain hose (1) to the waste drain valve (3) and tighten the clamp (2).

J. Follow-on

SUBTASK 842-007-A

- (1) Do an inspection of the fuel quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

NOTE: The inspection of fuel quantity indication harness is a part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations of the Aircraft Maintenance Program.

- (2) Install baggage-compartment floor panel 272AF (AMM MPP 06-41-02/100).

- (3) Install the baggage-compartment floor lining (AMM TASK 25-51-04-400-801-A/400).

- (4) Close waste-service panel door 193MR (AMM MPP 06-41-01/100).