



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

**TOILET-UNIT MOTOR PUMP FILTER - REMOVAL/INSTALLATION**

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to remove/install the toilet-unit motor pump.
- 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
38-32-09-000-801-A	Toilet-Unit Motor Pump Filter	ALL
38-32-09-400-801-A	Toilet-Unit Motor Pump Filter	ALL



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TASK 38-32-09-000-801-A

EFFECTIVITY: ALL

2. Toilet-Unit Motor Pump Filter

## A. General

**WARNING: PREVENT CONTACT WITH THE LAVATORY FLUIDS DURING MAINTENANCE OR SERVICE IN THE LAVATORY AREA.**

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

(1) This task gives the procedures to remove the toilet-unit motor pump filter.

(2) The toilet-unit motor pump filter is installed on the toilet unit.

## B. References

REFERENCE	DESIGNATION
AMM TASK 25-40-04-000-801-A/400	TOILET SHROUD ASSEMBLY - REMOVAL
AMM TASK 38-30-00-600-801-A/300	-
AMM TASK 38-30-00-600-802-A/300	-

## C. Zones and Accesses

Not Applicable

## 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

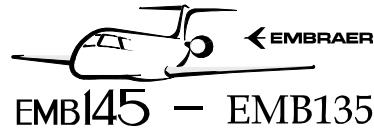
Not Applicable

## G. Expandable Parts

Not Applicable

## H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Lavatory



I. Preparation

SUBTASK 000-003-A

- (1) Remove the toilet shroud assembly ( [AMM TASK 25-40-04-000-801-A/400](#)).

SUBTASK 610-002-A

- (2) Make sure that the toilet unit is serviced (AMM TASK 38-30-00-600-801-A/300 or AMM TASK 38-30-00-600-802-A/300, as applicable) and empty.

SUBTASK 862-002-A

- (3) On the overhead circuit breaker panel, open the FLUSH circuit breaker (Location tip: DC BUS 1/LAVATORY/FLUSH) and attach a DO-NOT-CLOSE tag to it.

J. Removal

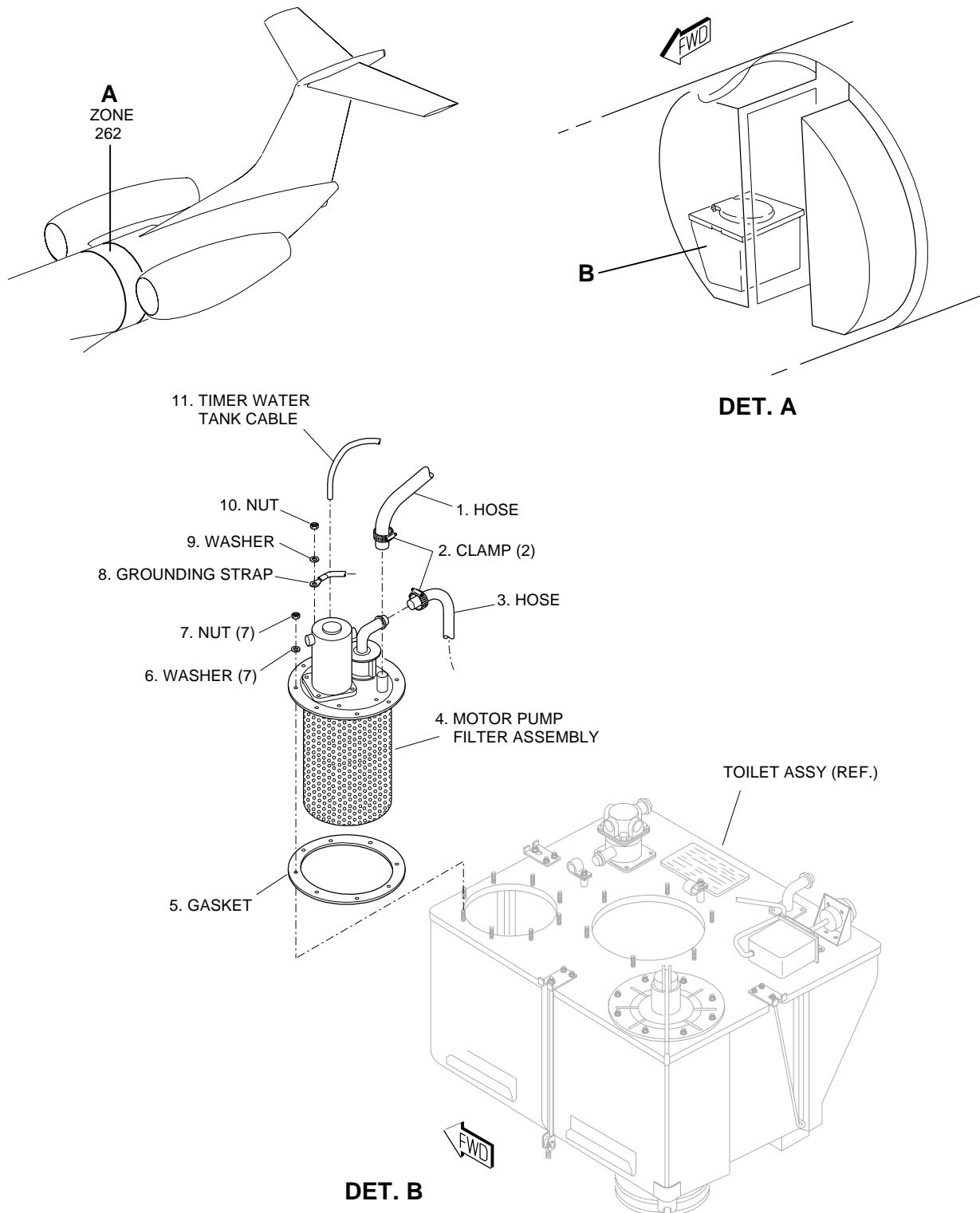
SUBTASK 000-002-A ([Figure 401](#))

- (1) Remove the clamp (2) and hose (1) from the motor pump filter assembly (4).
- (2) Remove the clamp (2) and hose (3) from the anti-siphon tube of the motor pump filter assembly (4).
- (3) Remove the nut (10) and washer (9) that attaches the grounding strap (8) to the motor pump filter assembly (4).
- (4) Disconnect the timer water tank cable (11) from the motor pump filter assembly (4).
- (5) Remove the nuts (7) and washers (6) that attach the motor pump filter assembly (4) to the toilet assembly (REF.).
- (6) Remove the motor pump filter assembly (4).
- (7) Remove the gasket (5) from the motor pump filter assembly (4) and discard it.

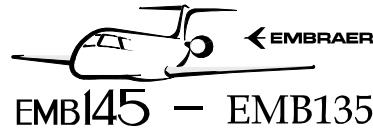
**EFFECTIVITY: ALL**

Toilet-Unit Motor Pump - Removal/Installation

Figure 401



MR145AMM380001B.DGN



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TASK 38-32-09-400-801-A

EFFECTIVITY: ALL

3. Toilet-Unit Motor Pump Filter

A. General

**WARNING:** PREVENT CONTACT WITH THE LAVATORY FLUIDS DURING MAINTENANCE OR SERVICE IN THE LAVATORY AREA.

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

(1) This task gives the procedures to install the toilet-unit motor pump filter.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-40-04-000-801-A/400	TOILET SHROUD ASSEMBLY - REMOVAL
AMM TASK 38-30-00-600-801-A/300	-
AMM TASK 38-30-00-600-802-A/300	-

C. Zones and Accesses

Not Applicable

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

Not Applicable

I. Installation

**SUBTASK 420-002-A**

- (1) Install gasket (5) on the motor pump filter assembly (4).
- (2) Put the motor pump filter assembly (4) in its installation position.
- (3) Install the nuts (7) and washers (6) to attach the motor pump filter assembly (4) to the toilet assembly (REF.).
- (4) Install the nut (10) and washer (9) to attach the grounding strap (8) to the motor pump filter assembly (4).
- (5) Install the clamp (2) and hose (3) on the anti-siphon tube of the motor pump filter assembly (4).
- (6) Install the clamp (3) and hose (1) on the motor pump filter assembly (4).
- (7) Connect the timer water tank cable (11) to the motor pump filter assembly (4).

J. Follow-on

**SUBTASK 400-002-A**

- (1) Install the toilet shroud assembly ( [AMM TASK 25-40-04-000-801-A/400](#)).

**SUBTASK 862-003-A**

- (2) On the overhead circuit breaker panel, remove the DO-NOT-CLOSE tag from the FLUSH circuit breaker (Location tip: DC BUS 1/LAVATORY/FLUSH) and close it.

**SUBTASK 610-003-A**

- (3) Service the toilet unit (AMM TASK 38-30-00-600-801-A/300 or AMM TASK 38-30-00-600-802-A/300, as applicable).