



## AIRCRAFT MAINTENANCE MANUAL

### WATER-TANK FILL AND OVERFLOW LINES - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-145

#### 1. General

- A. This section gives the procedures for the removal/installation of the water-tank fill and overflow lines.
- 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
38-10-07-000-801-A	WATER-TANK FILL AND OVERFLOW LINES - REMOVAL	AIRCRAFT WHOSE FILL/OVERFLOW LINES ARE ATTACHED TO THE FORWARD
38-10-07-400-801-A	WATER-TANK FILL AND OVERFLOW LINES - INSTALLATION	AIRCRAFT WHOSE FILL/OVERFLOW LINES ARE ATTACHED TO THE FORWARD
38-10-07-000-803-A	WATER-TANK FILL AND OVERFLOW LINES - REMOVAL	AIRCRAFT WHOSE FILL/OVERFLOW LINES ARE ATTACHED UNDER THE PASSENGER-CABIN FLOOR PANEL
38-10-07-400-803-A	WATER-TANK FILL AND OVERFLOW LINES - INSTALLATION	AIRCRAFT WHOSE FILL/OVERFLOW LINES ARE ATTACHED UNDER THE PASSENGER-CABIN FLOOR PANEL



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 38-10-07-000-801-A

EFFECTIVITY: AIRCRAFT WHOSE FILL/OVERFLOW LINES ARE ATTACHED TO THE FORWARD

2. WATER-TANK FILL AND OVERFLOW LINES - REMOVAL

A. General

- (1) This task gives the procedure for the removal of the water-tank fill and overflow lines.
- (2) To get access to the water-tank fill and overflow lines, you must remove:
  - the last double seat and the optional flight attendant seat (if applicable).
  - the passenger-cabin floor lining and the passenger-cabin floor panel of the last double seat area.
  - the baggage compartment floor lining and the baggage compartment floor panel on the right hand near the passenger cabin/baggage compartment partition.
  - the plumbing access panels at the bottom of the washbasin cabinet and the passenger cabin/baggage compartment partition.
  - the toilet shroud assembly and the toilet unit.
  - the amenity dispenser assembly.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
AMM TASK 25-21-01-000-801-A/400	-
<a href="#">AMM TASK 25-21-02-000-801-A/400</a>	FLIGHT ATTENDANT SEAT - REMOVAL
<a href="#">AMM TASK 25-24-01-000-801-A/400</a>	PASSENGER-CABIN FLOOR LINING - REMOVAL
AMM TASK 25-40-01-000-801-A/400	-
<a href="#">AMM TASK 25-40-04-000-801-A/400</a>	TOILET SHROUD ASSEMBLY - REMOVAL
<a href="#">AMM TASK 25-51-04-000-801-A/400</a>	BAGGAGE-COMPARTMENT FLOOR LINING - REMOVAL
<a href="#">AMM TASK 38-32-01-000-801-A/400</a>	TOILET UNIT - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
262	262BF	Passenger cabin floor
272	272AF	Baggage compartment floor

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

**F. Consumable Materials**

Not Applicable

**G. Expandable Parts**

Not Applicable

**H. Persons Recommended**

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Lavatory

**I. Preparation**
**SUBTASK 841-017-A**

- (1) Make sure the water tank is empty.
- (2) Preparation for the removal of the water-tank fill and overflow lines lower section:
  - (a) Remove the last double seat (AMM TASK 25-21-01-000-801-A/400).
  - (b) If applicable, remove the optional flight attendant seat ( [AMM TASK 25-21-02-000-801-A/400](#)).
  - (c) Remove the passenger-cabin floor lining ( [AMM TASK 25-24-01-000-801-A/400](#)).
  - (d) Remove passenger-cabin floor panel 262BF (AMM MPP 06-41-02/100).
  - (e) Remove the baggage compartment floor lining ( [AMM TASK 25-51-04-000-801-A/400](#)).
  - (f) Remove baggage compartment floor panel 272AF (AMM MPP 06-41-02/100).
- (3) Preparation for the removal of the water-tank fill and overflow lines mid section:
  - (a) Remove the plumbing access panels at the bottom of the washbasin cabinet and the passenger cabin/baggage compartment partition (AMM TASK 25-40-01-000-801-A/400).
  - (b) Remove the toilet shroud assembly ( [AMM TASK 25-40-04-000-801-A/400](#)).
  - (c) Remove the toilet unit ( [AMM TASK 38-32-01-000-801-A/400](#)).
- (4) Preparation for the removal of the water-tank fill and overflow lines upper section:
  - (a) Remove the plumbing access panel at the bottom of the washbasin cabinet (AMM TASK 25-40-01-000-801-A/400).
  - (b) Remove the amenity dispenser assembly (AMM TASK 25-40-01-000-801-A/400).
  - (c) Open the fire extinguisher door (AMM TASK 25-40-01-000-801-A/400).

**J. Removal (Figure 401)**
**SUBTASK 020-018-A**

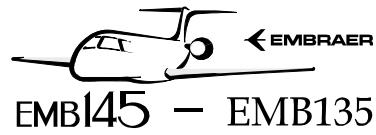
- (1) Removal of the water-tank fill and overflow lines lower section:



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

- (a) Get access through the passenger cabin floor and loosen the nuts of the fill (12) and overflow (13) line lower section connections with the heated nipples (Ref.).
  - (b) Refer to DET. D and remove the screw (13), washer (12), spacer (10), and clamps (11), (14), and (15).
  - (c) Get access through the baggage compartment floor and loosen the nuts of the fill (12) and overflow (13) line lower section connections with the elbows (14).
  - (d) Remove the water-tank fill (12) and overflow (13) lines lower section.
- (2) Removal of the water-tank fill and overflow lines mid section:
- (a) Loosen the nuts of the fill (15) and overflow (11) line mid section 2 connections with the elbows (14).
  - (b) Refer to DET. B and remove the screws (1), washers (2), spacers (3), and clamps (4) from all attachment points.
  - (c) Loosen the nut of the fill line mid section 2 (15) connection with the elbow (17).
  - (d) Remove the fill line mid section 2 (15).
  - (e) Loosen the nut of the overflow line mid section 2 (11) connection with the tee (9).
  - (f) Remove the overflow line mid section 2 (11).
  - (g) Loosen the nut of the elbow (17) connection with the fill line mid section 1 (16) and remove the elbow (17).
  - (h) Loosen the nuts of the tee (9) connections with the tank-drain valve (Ref.) and the overflow line mid section 1 (10) and remove the tee (9).
  - (i) Loosen the screws and nuts and remove the bonding straps (7).
  - (j) Loosen the nuts of the fill (16) and overflow (10) line mid section 1 connections with the elbows (8).
  - (k) Remove the fill (16) and overflow (10) lines mid section 1.
- (3) Removal of the water-tank fill and overflow lines upper section:
- (a) Loosen the nuts of the fill (5) and overflow (6) line upper section 2 connections with the elbows (8).
  - (b) Remove the elbows (8).
  - (c) Refer to DET. C and remove the screw (5), washer (6), clamp (9), and clip nut (7) from the bracket (8).
  - (d) Get access through the fire extinguisher door and remove the screws (1), washers (2), spacers (3), and clamps (4) from all attachment points (DET. B).
  - (e) Loosen the nuts of the fill (5) and overflow (6) line upper section 2 connections with the unions (4).

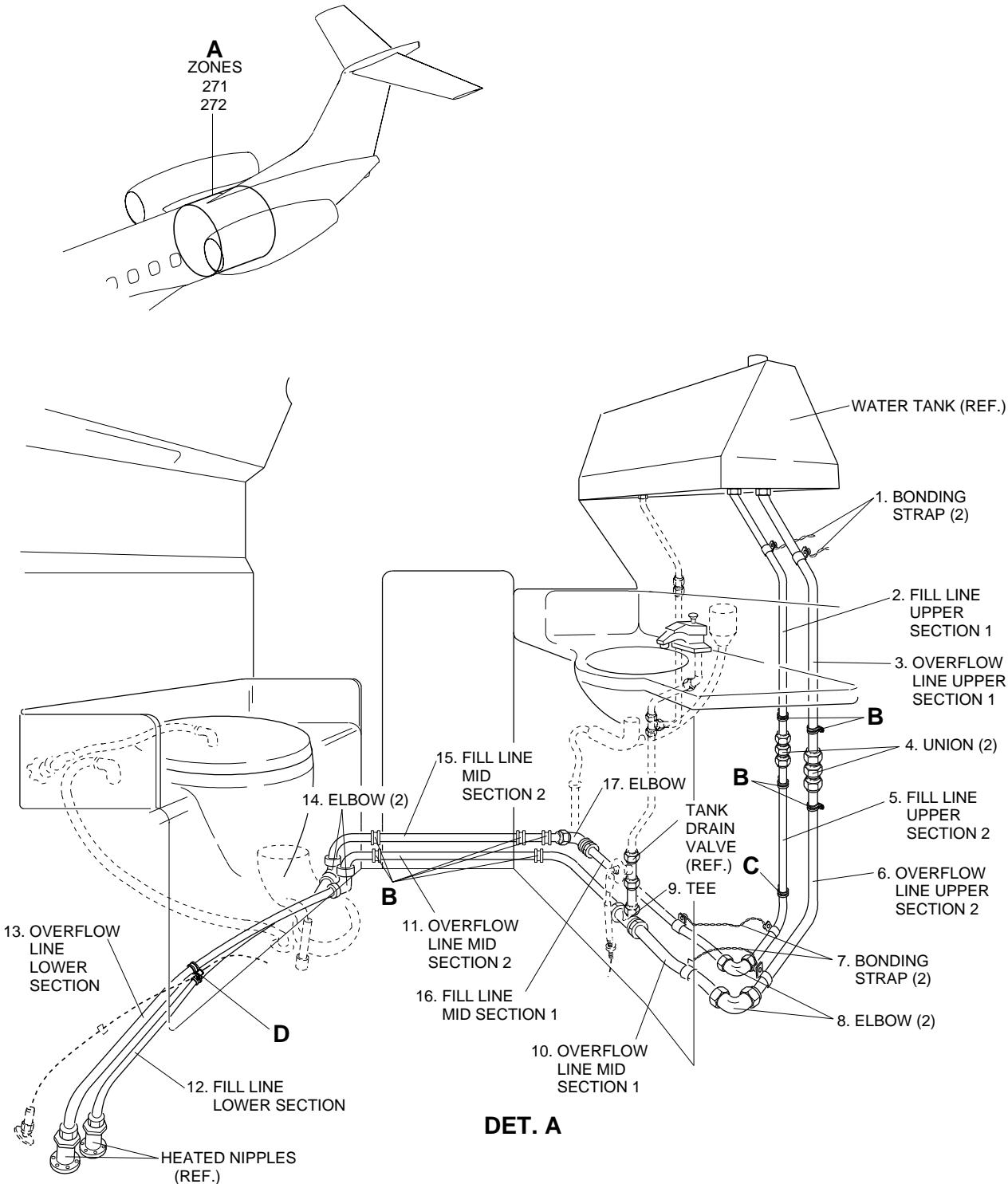


EMB145 - EMB135

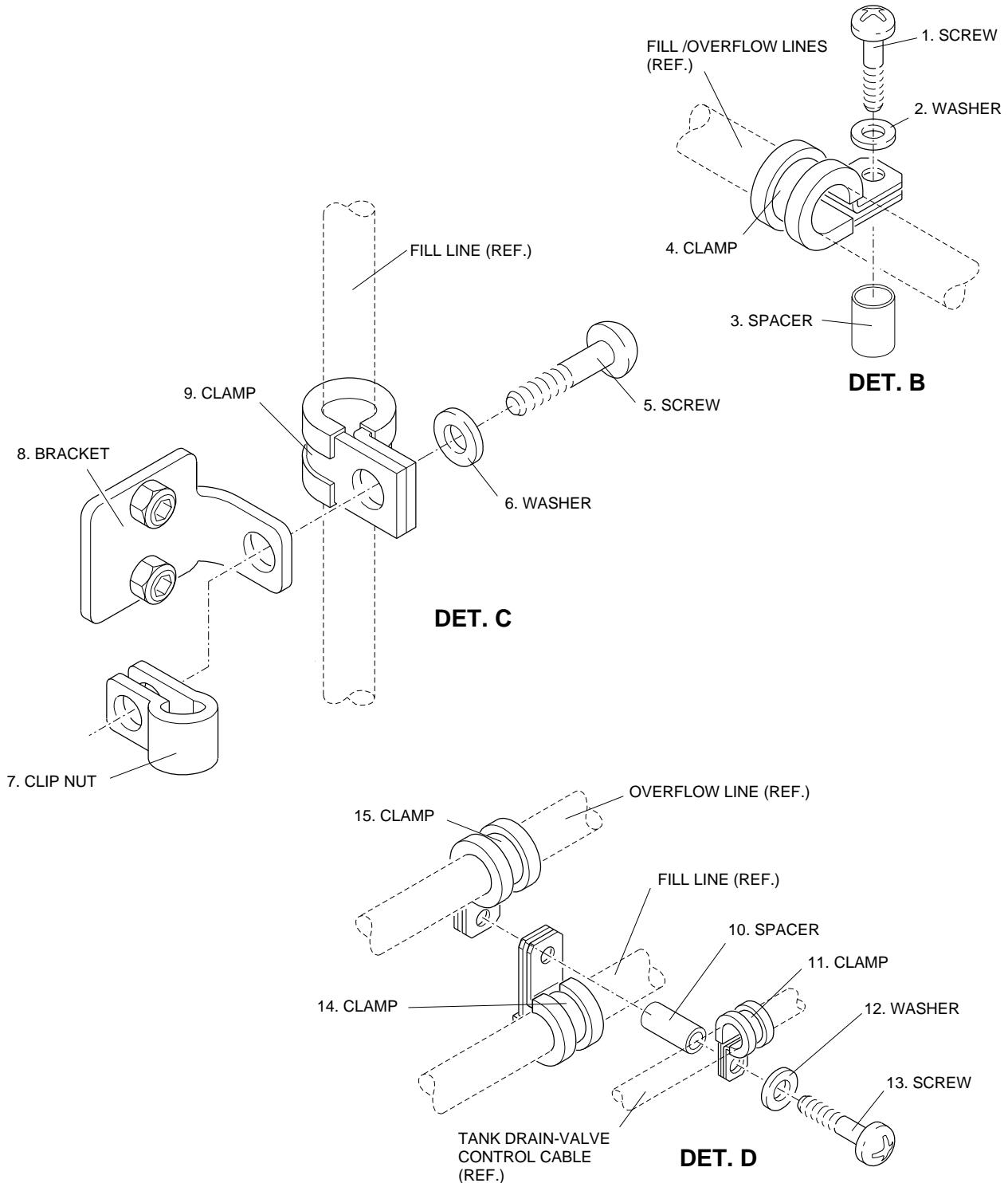
AIRCRAFT  
MAINTENANCE MANUAL

- (f) Remove the fill (5) and overflow (6) lines upper section 2.
- (g) Loosen the nuts of the fill (2) and overflow (3) line upper section 1 connections with the unions (4).
- (h) Remove the unions (4).
- (i) Loosen the screws and nuts and remove the bonding straps (1).
- (j) Loosen the nuts of the fill (2) and overflow (3) line upper section 1 connections with the water tank (Ref.).
- (k) Remove the fill (2) and overflow (3) lines upper section 1.

**EFFECTIVITY: AIRCRAFT WHOSE FILL/OVERFLOW LINES ARE ATTACHED TO THE FORWARD**  
 Water-Tank Fill and Overflow Lines - Removal/Installation  
 Figure 401 - Sheet 1



**EFFECTIVITY: AIRCRAFT WHOSE FILL/OVERFLOW LINES ARE ATTACHED TO THE FORWARD**  
**Water-Tank Fill and Overflow Lines - Removal/Installation**  
**Figure 401 - Sheet 2**



145AMM380025.MCE



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 38-10-07-400-801-A

EFFECTIVITY: AIRCRAFT WHOSE FILL/OVERFLOW LINES ARE ATTACHED TO THE FORWARD

3. WATER-TANK FILL AND OVERFLOW LINES - INSTALLATION

A. General

(1) This task gives the procedure for the installation of the water-tank fill and overflow lines.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
<a href="#">AMM TASK 12-15-01-600-801-A/300</a>	WATER TANK - FILLING
AMM TASK 25-21-01-400-801-A/400	-
<a href="#">AMM TASK 25-21-02-400-801-A/400</a>	FLIGHT ATTENDANT SEAT - INSTALLATION
<a href="#">AMM TASK 25-24-01-400-801-A/400</a>	PASSENGER-CABIN FLOOR LINING - INSTALLATION
AMM TASK 25-40-01-400-801-A/400	-
<a href="#">AMM TASK 25-40-04-400-801-A/400</a>	TOILET SHROUD ASSEMBLY - INSTALLATION
<a href="#">AMM TASK 25-51-04-400-801-A/400</a>	BAGGAGE-COMPARTMENT FLOOR LINING - INSTALLATION
AMM TASK 28-41-00-200-801-A/600	-
<a href="#">AMM TASK 38-32-01-400-801-A/400</a>	TOILET UNIT - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
262	262BF	Passenger cabin floor
272	272AF	Baggage compartment floor

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Lavatory



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

I. Installation (Figure 401)

SUBTASK 420-018-A

- (1) Installation of the water-tank fill and overflow lines upper section:
  - (a) Put the fill (2) and overflow (3) lines upper section 1 in the installation position.
  - (b) Tighten the nuts of the fill (2) and overflow (3) line upper section 1 connections with the water tank (Ref.).
  - (c) Install the bonding straps (1) and tighten the screws and nuts.
  - (d) Install the unions (4).
  - (e) Tighten the nuts of the fill (2) and overflow (3) line upper section 1 connections with the unions (4).
  - (f) Put the fill (5) and overflow (6) lines upper section 2 in the installation position.
  - (g) Tighten the nuts of the fill (5) and overflow (6) line upper section 2 connections with the unions (4).
  - (h) Get access through the fire extinguisher door and install the screws (1), washers (2), spacers (3), and clamps (4) in all attachment points (DET. B).
  - (i) Refer to DET. C and install the screw (5), washer (6), clamp (9), and clip nut (7) in the bracket (8).
  - (j) Install the elbows (8).
  - (k) Tighten the nuts of the fill (5) and overflow (6) line upper section 2 connections with the elbows (8).
- (2) Installation of the water-tank fill and overflow lines mid section:
  - (a) Put the fill (16) and overflow (10) lines mid section 1 in the installation position.
  - (b) Tighten the nuts of the fill (16) and overflow (10) line mid section 1 connections with the elbows (8).
  - (c) Install the bonding straps (7) and tighten the screws and nuts.
  - (d) Install the tee (9) and tighten the nuts of the tee (9) connections with the tank-drain valve (Ref.) and the overflow line mid section 1 (10).
  - (e) Install the elbow (17) and tighten the nut of the elbow (17) connection with the fill line mid section 1 (16).
  - (f) Put the overflow line mid section 2 (11) in the installation position.
  - (g) Tighten the nut of the overflow line mid section 2 (11) connection with the tee (9).
  - (h) Put the fill line mid section 2 (15) in the installation position.
  - (i) Tighten the nut of the fill line mid section 2 (15) connection with the elbow (17).

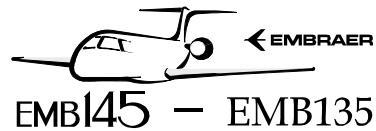
- (j) Refer to DET. B and install the screws (1), washers (2), spacers (3), and clamps (4) in all attachment points.
- (k) Tighten the nuts of the fill (15) and overflow (11) line mid section 2 connections with the elbows (14).
- (3) Installation of the water-tank fill and overflow lines lower section:
  - (a) Put the water-tank fill (12) and overflow (13) lines lower section in the installation position.
  - (b) Get access through the baggage compartment floor and tighten the nuts of the fill (12) and overflow (13) line lower section connections with the elbows (14).
  - (c) Get access through the passenger cabin floor and tighten the nuts of the fill (12) and overflow (13) line lower section connections with the heated nipples (Ref.).
  - (d) Refer to DET. D and install the screw (13), washer (12), spacer (10), and clamps (15), (14), and (11).

**J. Follow-on**

**SUBTASK 842-017-A**

- (1) Fill the water tank ([AMM TASK 12-15-01-600-801-A/300](#)).
- (2) Visually inspect the water-tank fill and overflow lines for leakage.
- (3) Do an inspection on 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 Maintenance Review Board Report (MRB).
- (4) Follow-on for the installation of the water-tank fill and overflow lines lower section:
  - (a) Install passenger-cabin floor panel 262BF (AMM MPP 06-41-02/100).
  - (b) Install the passenger-cabin floor lining ([AMM TASK 25-24-01-400-801-A/400](#)).
  - (c) If applicable, install the optional flight attendant seat ([AMM TASK 25-21-02-400-801-A/400](#)).
  - (d) Install the last double seat (AMM TASK 25-21-01-400-801-A/400).
  - (e) Install baggage compartment floor panel 272AF (AMM MPP 06-41-02/100).
  - (f) Install the baggage compartment floor lining ([AMM TASK 25-51-04-400-801-A/400](#)).
- (5) Follow-on for the installation of the water-tank fill and overflow lines mid section:
  - (a) Install the toilet unit ([AMM TASK 38-32-01-400-801-A/400](#)).



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

- (b) Install the plumbing access panels at the bottom of the washbasin cabinet and the passenger cabin/baggage compartment partition (AMM TASK 25-40-01-400-801-A/400).
  - (c) Install the toilet shroud assembly ([AMM TASK 25-40-04-400-801-A/400](#)).
- (6) Follow-on for the installation of the water-tank fill and overflow lines upper section:
- (a) Install the plumbing access panel at the bottom of the washbasin cabinet (AMM TASK 25-40-01-400-801-A/400).
  - (b) Install the amenity dispenser assembly (AMM TASK 25-40-01-400-801-A/400).
  - (c) Close the fire extinguisher door (AMM TASK 25-40-01-400-801-A/400).

**TASK 38-10-07-000-803-A**
**EFFECTIVITY: AIRCRAFT WHOSE FILL/OVERFLOW LINES ARE ATTACHED UNDER THE  
PASSENGER-CABIN FLOOR PANEL**
**4. WATER-TANK FILL AND OVERFLOW LINES - REMOVAL**
**A. General**

- (1) This task gives the procedure for the removal of the water-tank fill and overflow lines.
- (2) To get access to the water-tank fill and overflow lines, you must remove:
  - the last seats and the optional flight attendant seat (if applicable).
  - the passenger-cabin floor lining and the passenger-cabin floor panels in the area of the last seats.
  - the plumbing access panel at the bottom of the washbasin cabinet.
  - the amenity dispenser assembly.

**B. References**

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM MPP 06-41-02/100	-
AMM TASK 25-21-01-000-801-A/400	-
<b>AMM TASK 25-21-02-000-801-A/400</b>	FLIGHT ATTENDANT SEAT - REMOVAL
<b>AMM TASK 25-24-01-000-801-A/400</b>	PASSENGER-CABIN FLOOR LINING - REMOVAL
AMM TASK 25-40-01-000-802-A/400	-

**C. Zones and Accesses**

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
261	261BF	Passenger cabin floor
261	261CF	Passenger cabin floor
262	262BF	Passenger cabin floor

**D. Tools and Equipment**

Not Applicable

**E. Auxiliary Items**

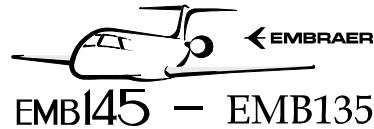
Not Applicable

**F. Consumable Materials**

Not Applicable

**G. Expandable Parts**

Not Applicable



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

---

## H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Lavatory and passenger cabin

## I. Preparation

## SUBTASK 841-016-A

- (1) Make sure the water tank is empty.
- (2) Remove the last seats (AMM TASK 25-21-01-000-801-A/400).
- (3) If applicable, remove the optional flight attendant seat ([AMM TASK 25-21-02-000-801-A/400](#)).
- (4) Remove the passenger-cabin floor lining ([AMM TASK 25-24-01-000-801-A/400](#)).
- (5) Remove passenger-cabin floor panels 261BF, 261CF, and 262BF (AMM MPP 06-41-02/100).
- (6) Remove the plumbing access panel at the bottom of the washbasin cabinet (AMM TASK 25-40-01-000-802-A/400).
- (7) Remove the amenity dispenser assembly (AMM TASK 25-40-01-000-802-A/400).
- (8) Open the toilet fire extinguisher door.

J. Removal ([Figure 402](#))

## SUBTASK 020-017-A

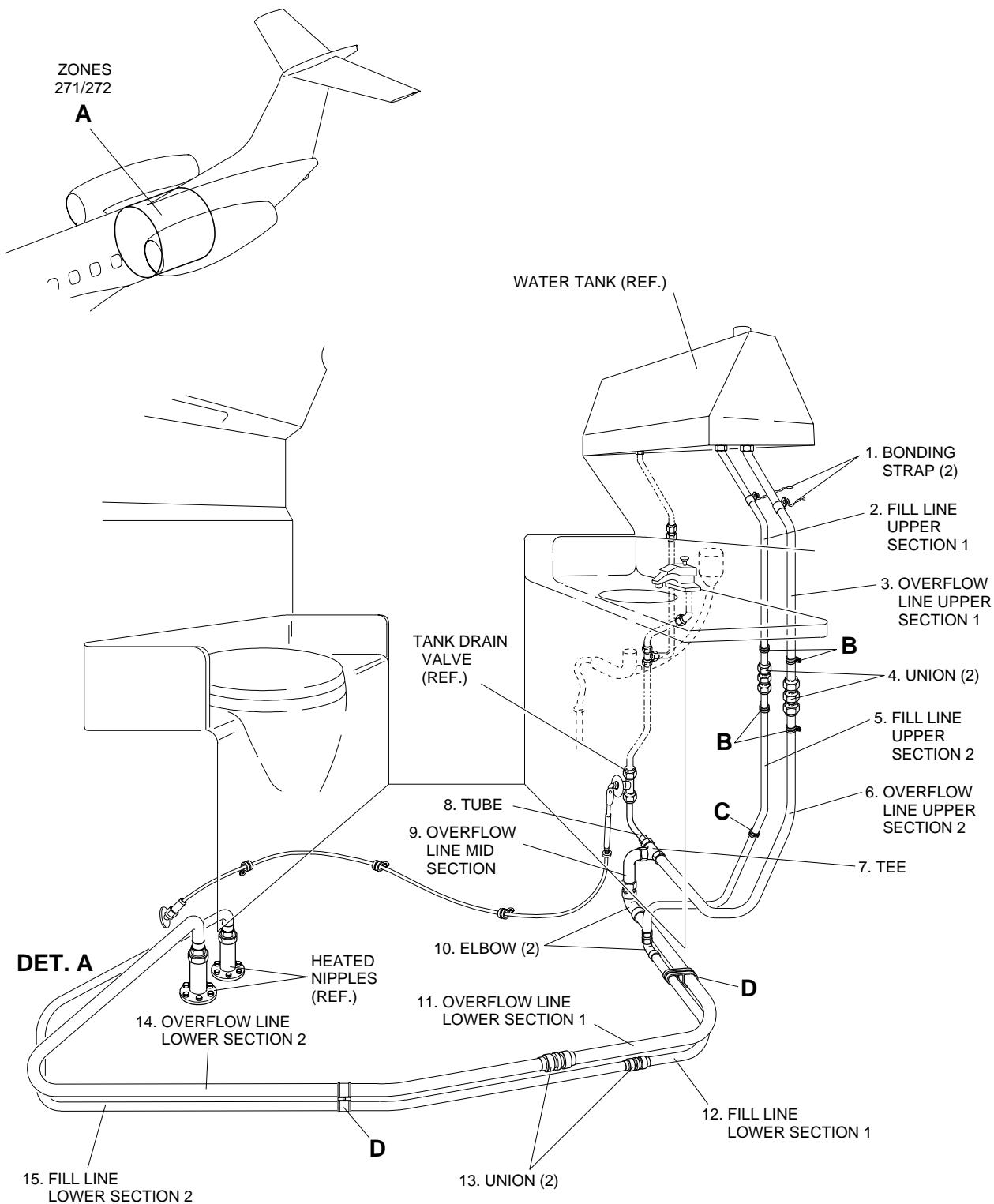
- (1) Removal of the lower section of the water-tank fill and overflow lines:
  - (a) Get access through the passenger cabin floor and loosen the nuts which connect the fill (15) and overflow (14) line lower section 2 with the heated nipples (Ref.).
  - (b) Disconnect the unions (13).
  - (c) Refer to DET. D and remove the screw (11), washer (10), and clamps (12) and (13) from the two attachment points.
  - (d) Remove the water-tank fill (15) and overflow (14) line lower section 2 and the unions (13).
  - (e) Loosen the nuts which connect the fill (12) and overflow (11) line lower section 1 with the elbows (10).
  - (f) Remove the water-tank fill (12) and overflow (11) line lower section 1.
- (2) Removal of the mid section of the water-tank overflow line:
  - (a) Get access through the plumbing access panel at the bottom of the washbasin cabinet and loosen the nuts which connect the overflow line mid section (9) with the elbow (10) and with the tee (7). Remove the overflow line mid section (9) and the elbow (10).

- (b) Loosen the nuts which connect the tube (8) with the tee (7) and the tank drain valve (Ref.). Remove the tube (8).
  - (c) Loosen the nut which connects the tee (7) with the overflow line upper section 2 (6). Remove the tee (7).
- (3) Removal of the upper section of the water-tank fill and overflow lines:
- (a) Get access through the plumbing access panel at the bottom of the washbasin cabinet and loosen the nut which connects the fill line upper section 2 (5) with the elbow (10). Remove the elbow (10).
  - (b) Refer to DET. C and remove the screw (5), washer (6), clamp (9), and clip nut (7) from the bracket (8).
  - (c) Get access through the toilet fire extinguisher door and remove the screws (1), washers (2), spacers (3), and clamps (4) from all attachment points (DET. B).
  - (d) Loosen the nuts which connect the fill (5) and overflow (6) lines upper section 2 with the unions (4).
  - (e) Remove the fill (5) and overflow (6) lines upper section 2.
  - (f) Loosen the nuts which connect the fill (2) and overflow (3) lines upper section 1 with the unions (4).
  - (g) Remove the unions (4).
  - (h) Loosen the screws and nuts and remove the bonding straps (1).
  - (i) Loosen the nuts which connect the fill (2) and overflow (3) lines upper section 1 with the water tank (Ref.).
  - (j) Remove the fill (2) and overflow (3) lines upper section 1.

**EFFECTIVITY: AIRCRAFT WHOSE FILL/OVERFLOW LINES ARE ATTACHED UNDER THE PASSENGER-CABIN FLOOR PANEL**

Water-Tank Fill and Overflow Lines - Removal/Installation

Figure 402 - Sheet 1

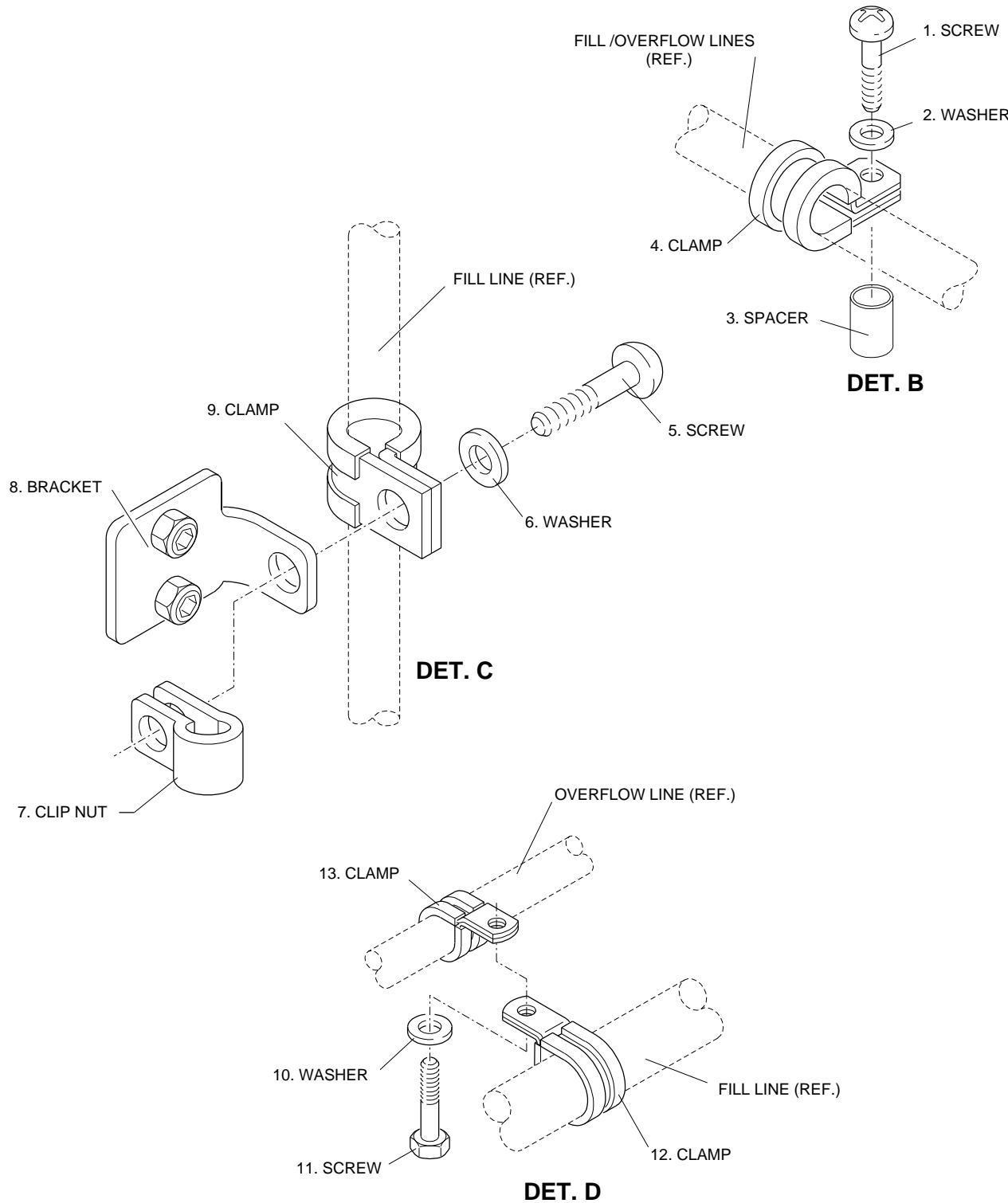


145AMM380036.MCE A

**EFFECTIVITY: AIRCRAFT WHOSE FILL/OVERFLOW LINES ARE ATTACHED UNDER THE PASSENGER-CABIN FLOOR PANEL**

Water-Tank Fill and Overflow Lines - Removal/Installation

Figure 402 - Sheet 2



145AMM380038.MCE

**TASK 38-10-07-400-803-A**

**EFFECTIVITY: AIRCRAFT WHOSE FILL/OVERFLOW LINES ARE ATTACHED UNDER THE PASSENGER-CABIN FLOOR PANEL**

**5. WATER-TANK FILL AND OVERFLOW LINES - INSTALLATION**
**A. General**

(1) This task gives the procedure for the installation of the water-tank fill and overflow lines.

**B. References**

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
<a href="#">AMM TASK 12-15-01-600-801-A/300</a>	WATER TANK - FILLING
AMM TASK 25-21-01-400-801-A/400	-
<a href="#">AMM TASK 25-21-02-400-801-A/400</a>	FLIGHT ATTENDANT SEAT - INSTALLATION
<a href="#">AMM TASK 25-24-01-400-801-A/400</a>	PASSENGER-CABIN FLOOR LINING - INSTALLATION
AMM TASK 25-40-01-400-802-A/400	-
AMM TASK 28-41-00-200-801-A/600	-

**C. Zones and Accesses**

ZONE	PANEL/DOOR	LOCATION
261	261BF	Passenger cabin floor
261	261CF	Passenger cabin floor
262	262BF	Passenger cabin floor

**D. Tools and Equipment**

Not Applicable

**E. Auxiliary Items**

Not Applicable

**F. Consumable Materials**

Not Applicable

**G. Expandable Parts**

Not Applicable

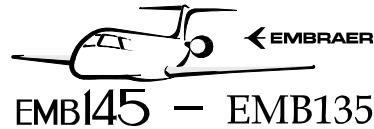
**H. Persons Recommended**

QTY	FUNCTION	PLACE
1	Does the task	Lavatory and passenger cabin

**I. Installation (Figure 401)**
**SUBTASK 420-017-A**

(1) Installation of the upper section of the water-tank fill and overflow lines:

- (a) Put the fill (2) and overflow (3) lines upper section 1 in their installation position.
  - (b) Tighten the nuts which connect the fill (2) and overflow (3) lines upper section 1 with the water tank (Ref.).
  - (c) Install the bonding straps (1) and tighten the screws and nuts.
  - (d) Get access through the toilet fire extinguisher door and put the unions (4) in their installation position.
  - (e) Tighten the nuts which connect the fill (2) and overflow (3) lines upper section 1 with the unions (4).
  - (f) Put the fill (5) and overflow (6) lines upper section 2 in their installation position.
  - (g) Tighten the nuts which connect the fill (5) and overflow (6) lines upper section 2 with the unions (4).
  - (h) Install the screws (1), washers (2), spacers (3), and clamps (4) in all attachment points (DET. B).
  - (i) Get access through the plumbing access panel at the bottom of the washbasin cabinet and install the screw (5), washer (6), clamp (9), and clip nut (7) in the bracket (8) (DET. C).
  - (j) Put the elbow (10) in its installation position and tighten the nut which connects it with the fill line upper section 2 (5).
- (2) Installation of the mid section of the water-tank overflow line:
- (a) Get access through the plumbing access panel at the bottom of the washbasin cabinet, put the tee (7) in its installation position and tighten the nut which connects it with the overflow line upper section 2 (6).
  - (b) Put the tube (8) in its installation position and tighten the nuts which connect it with the tee (7) and with the tank drain valve (Ref.).
  - (c) Put the overflow line mid section (9) and the elbow (10) in their installation position and tighten the nuts which connect the overflow line mid section (9) with the elbow (10) and with the tee (7).
- (3) Installation of the lower section of the water-tank fill and overflow lines:
- (a) Get access through the passenger cabin floor and put the water-tank fill (12) and overflow (11) line lower section 1 in their installation position.
  - (b) Tighten the nuts which connect the fill (12) and overflow (11) line lower section 1 with the elbows (10).
  - (c) Connect the unions (13) to the fill (12) and overflow (11) line lower section 1.
  - (d) Put the water-tank fill (15) and overflow (14) line lower section 2 in their installation position and tighten the nuts which connect them with the unions (13) and with the heated nipples (Ref.).



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

- (e) Refer to DET. D and install the screw (11), washer (10), and clamps (12) and (13) in the two attachment points.

J. Follow-on

SUBTASK 842-016-A

- (1) Fill the water tank ([AMM TASK 12-15-01-600-801-A/300](#)).
- (2) Visually inspect the water-tank fill and overflow lines for leakage.
- (3) Do an inspection on 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 Maintenance Review Board Report (MRB).

- (4) Install passenger-cabin floor panels 261BF, 261CF, and 262BF (AMM MPP 06-41-02/100).
- (5) Install the passenger-cabin floor lining ([AMM TASK 25-24-01-400-801-A/400](#)).
- (6) If applicable, install the optional flight attendant seat ([AMM TASK 25-21-02-400-801-A/400](#)).
- (7) Install the last seats (AMM TASK 25-21-01-400-801-A/400).
- (8) Install the plumbing access panel at the bottom of the washbasin cabinet (AMM TASK 25-40-01-400-802-A/400).
- (9) Install the amenity dispenser assembly (AMM TASK 25-40-01-400-802-A/400).
- (10) Close the toilet fire extinguisher door.

