



AIRCRAFT MAINTENANCE MANUAL

RESERVOIR ASSEMBLY - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the reservoir assembly.
- B. You can get access to the reservoir assembly of system 1 through access panel 193BL (AMM MPP 06-41-01/100).
- C. You can get access to the reservoir assembly of system 2 through access panel 193CR (AMM MPP 06-41-01/100).
- D. The thermal switch must be removed from the old reservoir assembly and installed to the new reservoir assembly.
- E. 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
29-10-05-000-801-A	RESERVOIR ASSEMBLY - REMOVAL	ALL
29-10-05-400-801-A	RESERVOIR ASSEMBLY - INSTALLATION	ALL



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TASK 29-10-05-000-801-A

EFFECTIVITY: ALL

2. RESERVOIR ASSEMBLY - REMOVAL

A. General

(1) This task gives the procedure to remove the reservoir assembly.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 29-10-00-860-802-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP
AMM TASK 29-30-01-000-801-A/400	RESERVOIR QUANTITY INDICATOR - REMOVAL
AMM TASK 29-30-05-000-801-A/400	THERMAL SWITCH - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
193	193BL	Hydraulic compartment of system 1
193	193CR	Hydraulic compartment of system 2

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Rubber Gloves, Phosphate Ester-Base, Fluid-Resistant	Protection for the hands	1
Commercially available	Rubber Goggles, Phosphate Ester-Base, Fluid-Resistant	Protection for the eyes	1
Commercially available	Drip Pan	To collect the hydraulic fluid when you remove the manifold assembly	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Hydraulic system compartment
1	Helps the other technician	Hydraulic system compartment



I. Preparation

SUBTASK 841-002-A

- (1) On the circuit breaker panel, open the ELEC PUMP 1 and (or) ELEC PUMP 2 circuit breaker(s) and attach a DO-NOT-CLOSE tag to it (them).
- (2) Depressurize the related hydraulic system ([AMM TASK 29-10-00-860-802-A/200](#)).
- (3) Remove access panel 193BL and (or) 193CR AMM MPP 06-41-01/100.
- (4) Remove the thermal switch ([AMM TASK 29-30-05-000-801-A/400](#)).
- (5) Disconnect the electrical connector from the reservoir quantity indicator ([AMM TASK 29-30-01-000-801-A/400](#)).

J. Removal (Figure 401)

SUBTASK 020-002-A

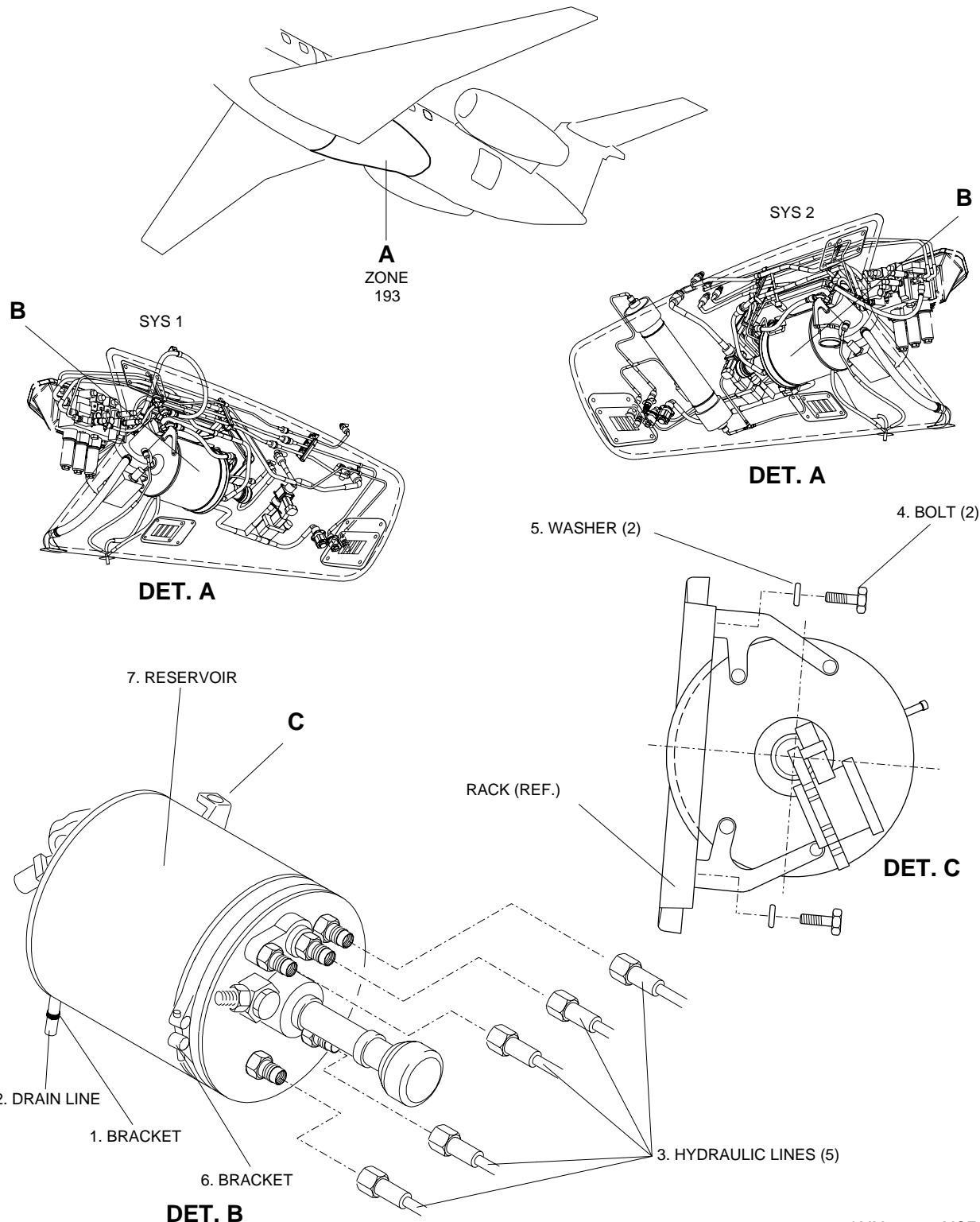
WARNING: THE HYDRAULIC SYSTEM CONTAINS PHOSPHATE-ESTER HYDRAULIC FLUID. THE FLUID CAN CAUSE IRRITATION IN YOUR SKIN OR INJURY TO YOUR EYES. USE THE APPLICABLE GOGGLES AND RUBBER GLOVES. IF THE FLUID TOUCHES YOU, FLUSH YOUR SKIN WITH WATER. IF IT GETS IN YOUR EYES, FLUSH THEM WITH WATER AND GET MEDICAL HELP.

- (1) Loosen the bracket (1) and disconnect the drain line (2).
- (2) Disconnect the hydraulic lines (3).
- (3) Remove the bolts (4) and washers (5).
- (4) Loosen the bracket (6) of the reservoir assembly (7).
- (5) Remove the reservoir assembly (7).

EFFECTIVITY: ALL

Reservoir Assembly - Removal/Installation

Figure 401

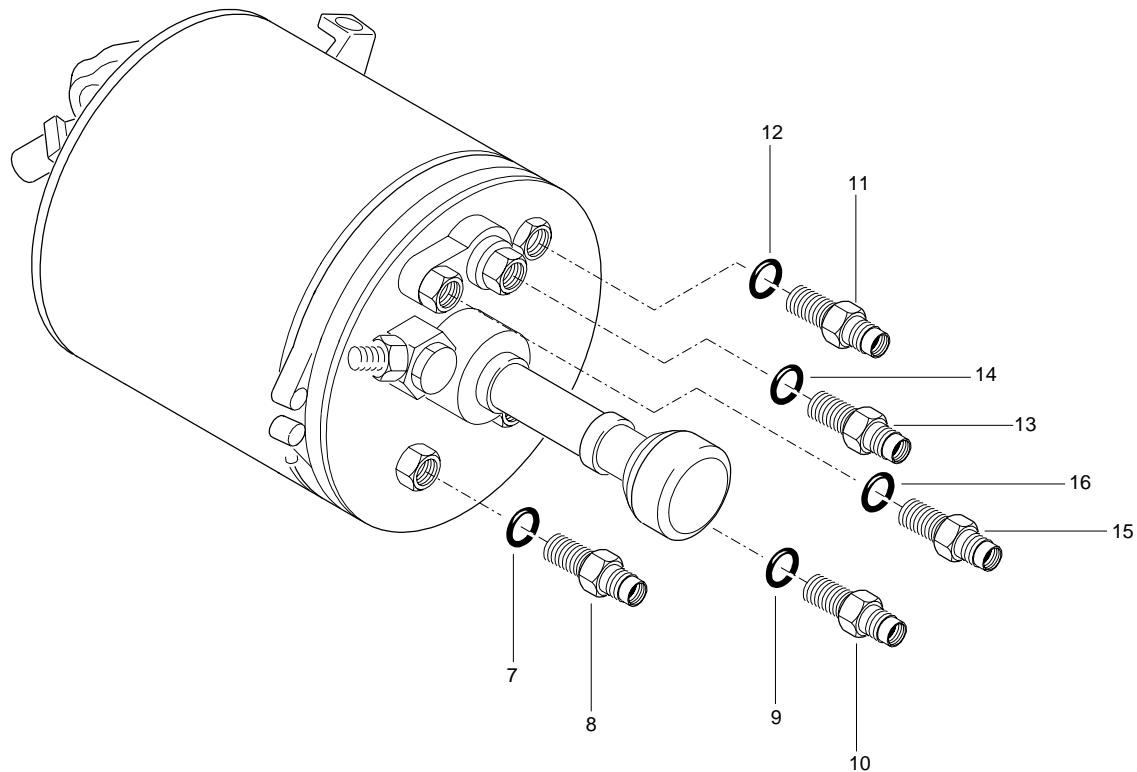


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EFFECTIVITY: ALL

Connections of the Reservoir Assembly - Removal/Installation

Figure 402



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TASK 29-10-05-400-801-A

EFFECTIVITY: ALL

3. RESERVOIR ASSEMBLY - INSTALLATION

A. General

(1) This task gives the procedure to install the reservoir assembly.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 12-13-01-600-802-A/300	HYDRAULIC SYSTEM RESERVOIR - REPLENISHMENT
AMM TASK 29-10-00-860-801-A/200	HYDRAULIC SYSTEM - PRESSURIZATION WITH HTS
AMM TASK 29-10-00-860-803-A/200	HYDRAULIC SYSTEM - BLEED OF AIR
AMM TASK 29-30-01-400-801-A/400	RESERVOIR QUANTITY INDICATOR - INSTALLATION
AMM TASK 29-30-05-400-801-A/400	THERMAL SWITCH - INSTALLATION
IPC 29-10-05	RESERVOIR

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
193	193BL	Hydraulic compartment of system 1
193	193CR	Hydraulic compartment of system 2

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

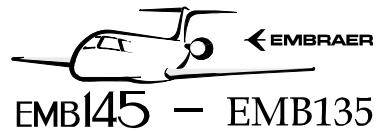
ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Rubber Gloves, Phosphate Ester-Base, Fluid-Resistant	Protection for the hands	1
Commercially available	Rubber Goggles, Phosphate Ester-Base, Fluid-Resistant	Protection for the eyes	1
Commercially available	Drip Pan	To collect the hydraulic fluid when you remove the manifold	1

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
O-ring	IPC 29-10-05	2/LRU



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ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
O-ring	IPC 29-10-05	1/LRU
O-ring	IPC 29-10-05	1/LRU
O-ring	IPC 29-10-05	1/LRU

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Hydraulic system compartment
1	Helps the other technician	Hydraulic system compartment

I. Preparation (Figure 402)

SUBTASK 841-003-A

- (1) Remove the connection (8) with the related O-ring (9) from the used reservoir assembly.
- (2) Remove the connection (10) with the related O-ring (9) from the used reservoir assembly.
- (3) Remove the connection (11) with the related O-ring (12) from the used reservoir assembly.
- (4) Remove the connection (13) with the related O-ring (14) from the used reservoir assembly.
- (5) Remove the connection (15) with the related O-ring (16) from the used reservoir assembly.
- (6) Discard the O-rings (9), (12), (14), and (16).
- (7) Install the connections (8), (10), (11), (13), and (15) to the reservoir assembly with the related new O-rings.

J. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the reservoir assembly (7) on its rack and bracket (6).
- (2) Install the washers (5) and bolts (4).
- (3) Tighten the bracket (6).
- (4) Connect the hydraulic lines (3).
- (5) Connect the drain line (2) and tighten the bracket (1).

K. Follow-on

SUBTASK 842-002-A

- (1) Install the thermal switch (AMM TASK 29-30-05-400-801-A/400).



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- (2) Connect the electrical connector to the reservoir quantity indicator ([AMM TASK 29-30-01-400-801-A/400](#)).
- (3) On the circuit breaker panel, close the ELEC PUMP 1 and (or) ELEC PUMP 2 circuit breaker(s) and remove the DO-NOT-CLOSE tag from it (them).
- (4) Fill the reservoir assembly ([AMM TASK 12-13-01-600-802-A/300](#)).
- (5) Pressurize the related hydraulic system ([AMM TASK 29-10-00-860-801-A/200](#)) and inspect the reservoir assembly for leakage.
- (6) Bleed the air from the hydraulic system lines ([AMM TASK 29-10-00-860-803-A/200](#)).
- (7) Install access panel 193BL and (or) 193CR (AMM MPP 06-41-01/100).