



EMB145 - EMB135

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MAINTENANCE MANUAL

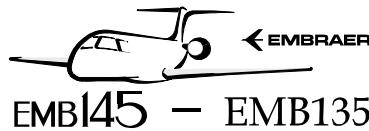
APU LOW-PRESSURE SWITCH - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the APU low-pressure switch.
- 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
28-45-02-000-801-A	APU LOW-PRESSURE SWITCH - REMOV- ALL	ALL
28-45-02-400-801-A	APU LOW-PRESSURE SWITCH - INSTAL- LATION	ALL



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TASK 28-45-02-000-801-A

EFFECTIVITY: ALL

2. APU LOW-PRESSURE SWITCH - REMOVAL

A. General

- (1) Obey the instructions below to remove the APU low-pressure switch.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
AMM MPP 28-00-00/200	- MAINTENANCE PRACTICES

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
312	312AR	Fuselage rear section II

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	Fuselage rear section II

I. Preparation

SUBTASK 841-002-A

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN AMM MPP 28-00-00/200 TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.**

- (1) On the circuit breaker panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag to them:
- FUEL PUMPS 1A/1B/1C.
  - FUEL PUMPS 2A/2B/2C.
  - DEFUELING.



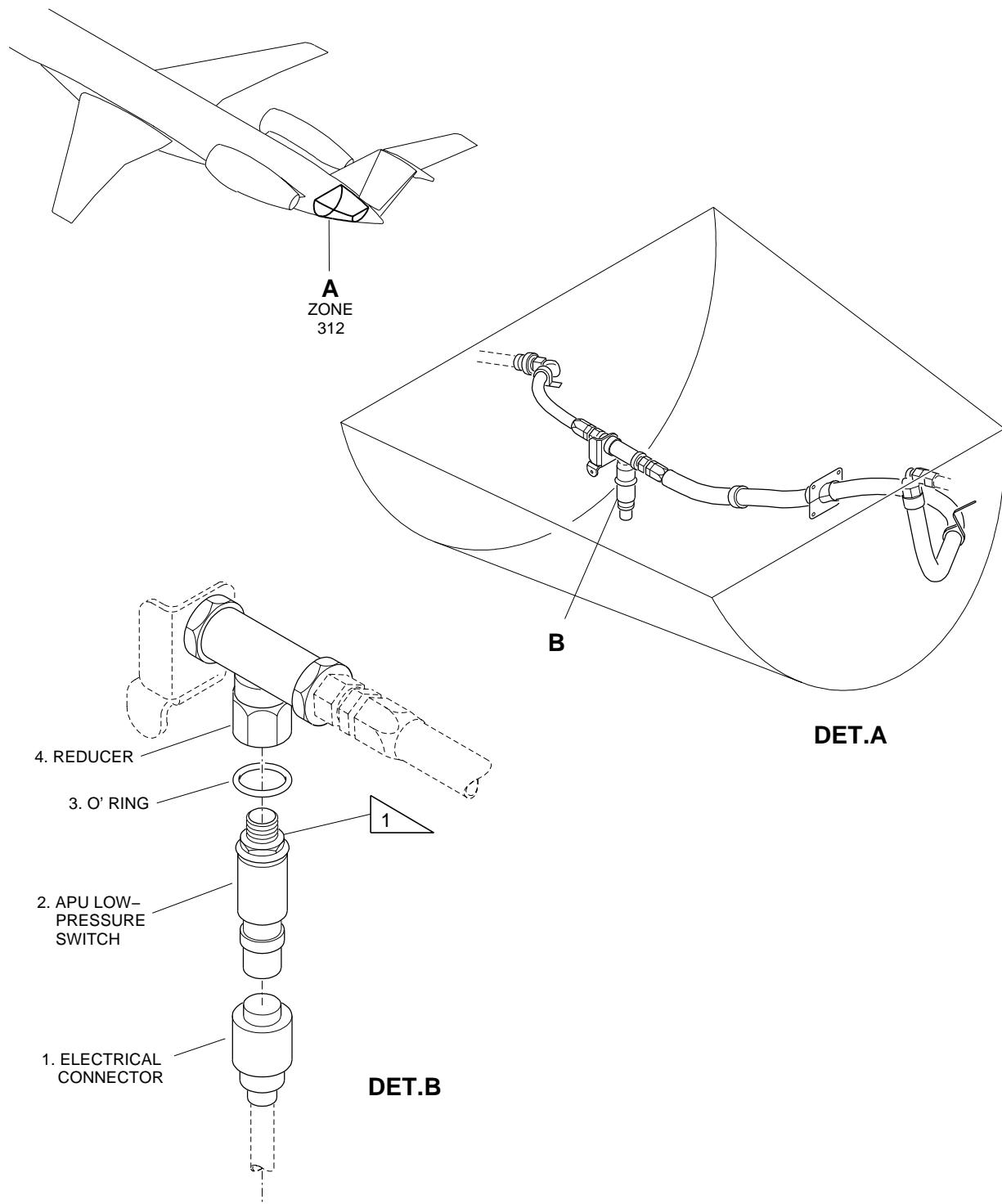
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- (2) Open access panel 312AR (AMM MPP 06-42-00/100) to get access to the APU low-pressure switch.

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

SUBTASK 020-002-A

- (1) Disconnect the electrical connector (1).
- (2) Install a protection cap to the disconnected electrical connector (1).
- (3) Remove the APU low-pressure switch (2) and the O-ring (3) from the reducer (4).

**EFFECTIVITY: ALL**
**APU Low-Pressure Switch - Removal/Installation**
**Figure 401**

**TORQUE: 5,6 N.m TO 7,3 N.m (50 TO 65 lb.in)**
**145AMM280078.MCE B**



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TASK 28-45-02-400-801-A

EFFECTIVITY: ALL

3. APU LOW-PRESSURE SWITCH - INSTALLATION

A. General

- (1) Obey the instructions below to install the APU low-pressure switch.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
AMM MPP 28-00-00/200	- MAINTENANCE PRACTICES

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
312	312AR	Fuselage rear section II

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
Molykote DC-33 Light	Lubricant	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Fuselage rear section II

I. Preparation

**SUBTASK 841-003-A**

- (1) On the circuit breaker panel, make sure that the circuit breakers below are open and with a DO-NOT-CLOSE tag attached to them:
- FUEL PUMPS 1A/1B/1C.
  - FUEL PUMPS 2A/2B/2C.
  - DEFUELING.
- (2) Lightly apply Molykote lubricant to the O-ring (3).



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J. Installation (Figure 401)

SUBTASK 420-002-A

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN AMM MPP 28-00-00/200 TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.**

- (1) Install the O-ring (3) and the APU low-pressure switch (2) on the reducer (4).
- (2) Remove the protection cap from the electrical connector (1) and connect it to the APU low-pressure switch (2).

K. Follow-on

SUBTASK 842-002-A

- (1) Close access panel 312AR (AMM MPP 06-42-00/100).
- (2) On the circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them:
  - FUEL PUMPS 1A/1B/1C.
  - FUEL PUMPS 2A/2B/2C.
  - DEFUELING.