



AIRCRAFT MAINTENANCE MANUAL

FUEL PRESSURE SWITCH - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the fuel 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
28-23-05-000-801-A	FUEL PRESSURE SWITCH - REMOVAL	ALL
28-23-05-400-801-A	FUEL PRESSURE SWITCH - INSTALLA- TION	ALL



EMB145 – EMB135

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TASK 28-23-05-000-801-A

EFFECTIVITY: ALL

2. FUEL PRESSURE SWITCH - REMOVAL

A. General

- (1) This task is applicable to the LH fuel tank and to the RH fuel tank.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-44-00/100	- COMPONENT LOCATION
AMM MPP 28-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 28-11-01-000-801-A/400	FUEL-TANK ACCESS PANELS - REMOVAL
AMM TASK 28-11-01-000-802-A/400	FUEL-TANK ACCESS PANELS - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
532	532BB	LH Underwing area
632	632BB	RH Underwing area

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	LH/RH Underwing area

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.

- (2) Remove the access panels ([AMM MPP 06-44-00/100](#)) and ([AMM TASK 28-11-01-000-801-A/400](#)) or ([AMM TASK 28-11-01-000-802-A/400](#)), as applicable, shown below to get access to the fuel pressure switches:
- (a) LH fuel tank:
 - 532BB.
 - (b) RH fuel tank:
 - 632BB.

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

SUBTASK 020-002-A

- (1) Disconnect the electrical connector (1) from the fuel pressure switch (5).
- (2) Install a protection cap to the disconnected electrical connector (1).
- (3) Remove the bolt (2) and washer (3) from the clamp (4).

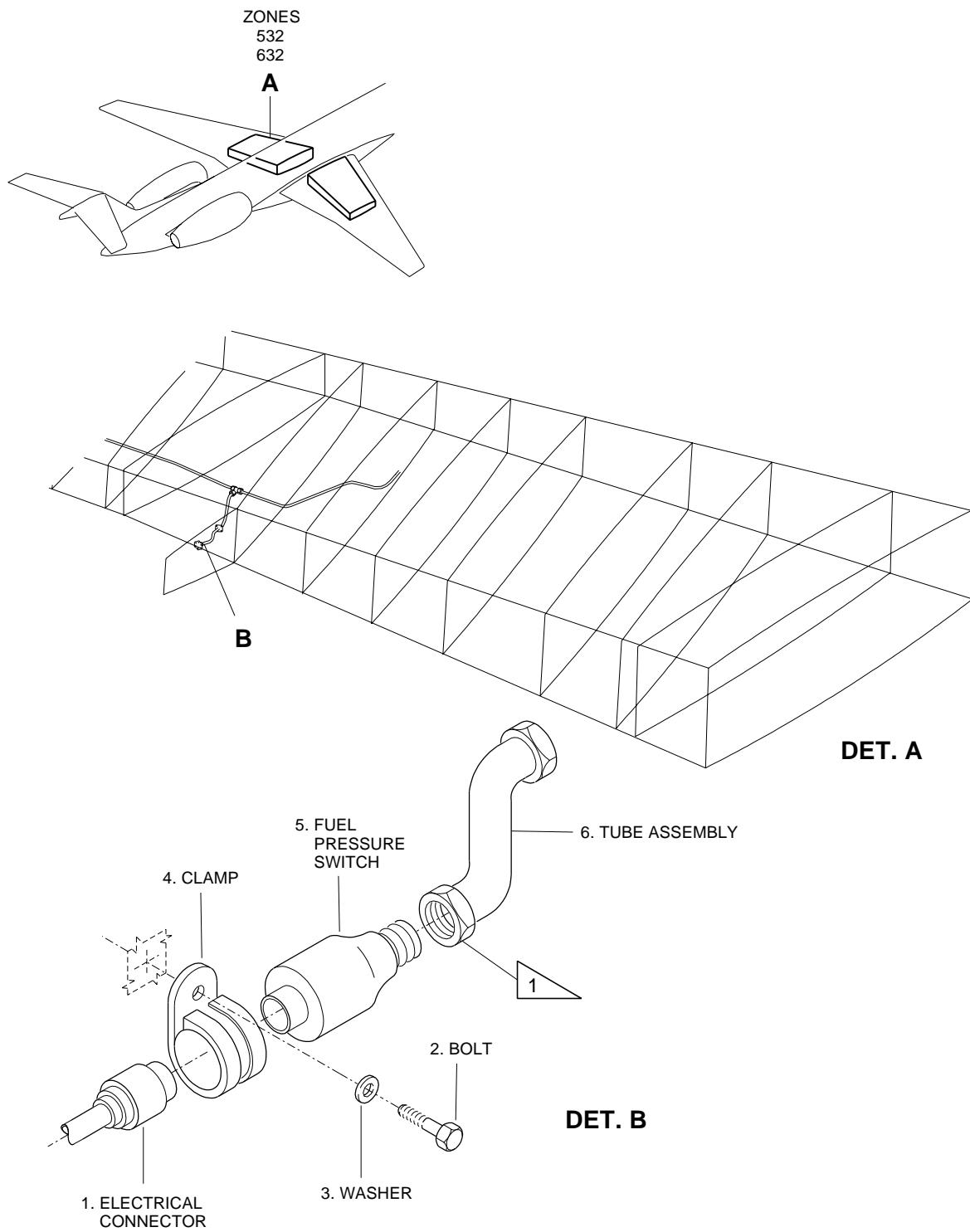
CAUTION: TO MAINTAIN THE WORK AREA CLEAN AND SAFE, PROVIDE AN ADEQUATE FUEL CONTAINER, TO COLLECT ANY RESIDUAL FUEL IN THE LINES DURING TUBE ASSEMBLY DISCONNECTION.

- (4) Remove the fuel pressure switch (5) from the clamp (4) and from the tube assembly (6).

EFFECTIVITY: ALL

Fuel Pressure Switch - Removal/Installation

Figure 401



TORQUE: 5,6 N.m TO 7,3 N.m (50 TO 65 lb.in)

EM145AMM281612A.DGN



EMB145 – EMB135

AIRCRAFT
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TASK 28-23-05-400-801-A

EFFECTIVITY: ALL

3. FUEL PRESSURE SWITCH - INSTALLATION

A. General

- (1) This task is applicable to the LH fuel tank and to the RH fuel tank.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-44-00/100	- COMPONENT LOCATION
AMM MPP 28-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 28-11-01-400-801-A/400	FUEL-TANK ACCESS PANELS - INSTALLATION
AMM TASK 28-11-01-400-802-A/400	FUEL-TANK ACCESS PANELS - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
532	532BB	LH Underwing area
632	632BB	RH Underwing area

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	LH/RH Underwing area

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.

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.

CAUTION: MAKE SURE THAT THE ATTACHING BOLT, WASHER, FUEL LINE FITTING AND FAYING SURFACES BETWEEN THE CLAMP AND THE FUEL TANK SUPPORT ARE CLEAN TO PREVENT AN UNSATISFACTORY ELECTRICAL BONDING.

- (1) Install the fuel pressure switch (5) on the tube assembly (6).
- (2) Install the fuel pressure switch (5) in the clamp (4).
- (3) Install the bolt (2) and the washer (3).
- (4) Remove the protection cap from the electrical connector (1) and connect it to the fuel pressure switch (5).

K. Follow-on

SUBTASK 842-002-A

- (1) Install the access panels ([AMM MPP 06-44-00/100](#)) and ([AMM TASK 28-11-01-400-801-A/400](#)) or ([AMM TASK 28-11-01-400-802-A/400](#)), as applicable, shown below:
 - (a) LH fuel tank:
 - 532BB.
 - (b) RH fuel tank:
 - 632BB.
- (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.