



AIRCRAFT
MAINTENANCE MANUAL

FDR IMPACT SWITCH - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the FDR impact 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
31-31-05-000-802-A	FDR IMPACT SWITCH - REMOVAL	ALL
31-31-05-400-802-A	FDR IMPACT SWITCH - INSTALLATION	ALL



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TASK 31-31-05-000-802-A

EFFECTIVITY: ALL

2. FDR IMPACT SWITCH - REMOVAL

A. General

- (1) This task gives the procedures to remove the FDR impact switch.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272DR	Fuselage rear section I - Right side

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 036	Platform - Hydraulic, Aircraft	To get access to the rear electronic compartment	

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	Rear electronic compartment

I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) On the circuit breaker panel, open the FDR circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (3) Put the hydraulic platform (GSE 036) to the necessary height to get access to the rear electronic compartment.
- (4) Open the access door 272DR (AMM MPP 06-41-01/100).
- (5) Remove the thermo-acoustic insulation blanket from the rear left side of the ceiling.



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

SUBTASK 020-002-A

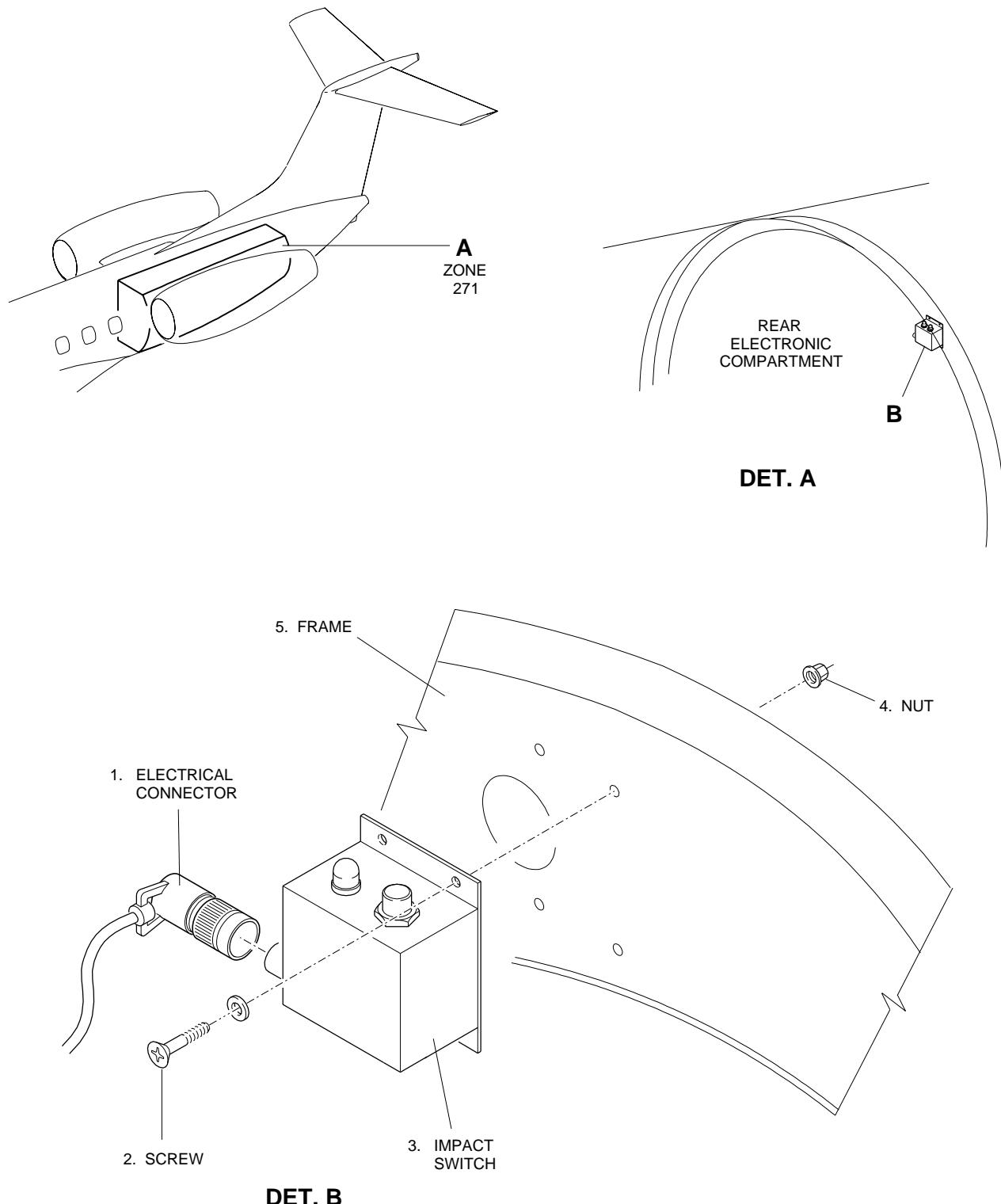
NOTE: During the removal, be careful not let the nuts (4) fall because you could not find them easily.

- (1) Disconnect the electrical connector (1).
- (2) Hold the nuts (4) behind the frame (5) and loosen the screws (2).
- (3) Remove the impact switch (3).

EFFECTIVITY: ALL

FDR Impact Switch - Removal/Installation

Figure 401



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TASK 31-31-05-400-802-A

EFFECTIVITY: ALL

3. FDR IMPACT SWITCH - INSTALLATION

A. General

- (1) This task gives the procedures to install the FDR impact switch.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272DR	Fuselage rear section I - Right side

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 036	Platform - Hydraulic, Aircraft	To get access to the rear electronic compartment	

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	Rear electronic compartment

I. Installation (Figure 401)

SUBTASK 420-002-A

NOTE: During the installation, be careful not let the nuts (4) fall because you could not find them easily.

- (1) Put the impact switch (3) in its installation position.
- (2) Hold the nuts (4) behind the frame (5) and tighten the screws (2).
- (3) Connect the electrical connector (1).



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J. Follow-on

SUBTASK 842-002-A

- (1) Install the thermo-acoustic insulation blanket on the rear left side of the ceiling.
- (2) Close the access door 272DR (AMM MPP 06-41-01/100).
- (3) Remove the hydraulic platform (GSE 036).
- (4) On the circuit breaker panel, remove the DO-NOT-CLOSE tag from the FDR circuit breaker and close it.