



AIRCRAFT MAINTENANCE MANUAL

COURTESY LIGHT MICROSWITCH - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the courtesy-light microswitch assembly.
- B. The courtesy-light microswitch assembly is installed in center fuselage I, below the floor (for aircraft with airstairs door), and in forward fuselage II, behind cockpit internal panel 223DLW (for aircraft with side-hinged main door).
- C. 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
33-26-07-000-801-A	COURTESY-LIGHT MICROSWITCH ASSEMBLY - REMOVAL	ALL
33-26-07-400-801-A	COURTESY-LIGHT MICROSWITCH ASSEMBLY - INSTALLATION	ALL



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TASK 33-26-07-000-801-A

EFFECTIVITY: ALL

2. COURTESY-LIGHT MICROSWITCH ASSEMBLY - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the courtesy-light microswitch assembly.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 25-24-01-000-801-A/400	PASSENGER-CABIN FLOOR LINING - REMOVAL
AMM TASK 53-01-02-000-801-A/400	-
AMM TASK 53-01-02-000-802-A/400	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
131	231CF	Passenger cabin floor
223	223DLW	Cockpit - LH

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	Center fuselage I, below the floor, or in the cockpit

I. Preparation

SUBTASK 841-002-A

- (1) For aircraft with airstairs door, do the preparation as follows ([Figure 401](#)):
- Open the main door.
 - Make sure that the COURTESY LTS switch, on the cockpit/pax partition, is set at OFF.

- (c) Remove the floor lining and floor panel 231CF (AMM MPP 06-41-02/100). Refer to [AMM TASK 25-24-01-000-801-A/400](#), and AMM TASK 53-01-02-000-801-A/400 or AMM TASK 53-01-02-000-802-A/400, as applicable.
- (2) For aircraft with side-hinged main door, do the preparation as follows ([Figure 402](#)):
 - (a) Open the main door.
 - (b) On the overhead circuit breaker panel, open the PACK 1 and PACK 2 circuit breakers and attach a DO-NOT-CLOSE tag to them.
 - (c) Make sure that the COURTESY LTS switch, on the cockpit/pax partition, is set at OFF.
 - (d) Remove cockpit internal panel 223DLW ([AMM MPP 06-41-03/100](#)).

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

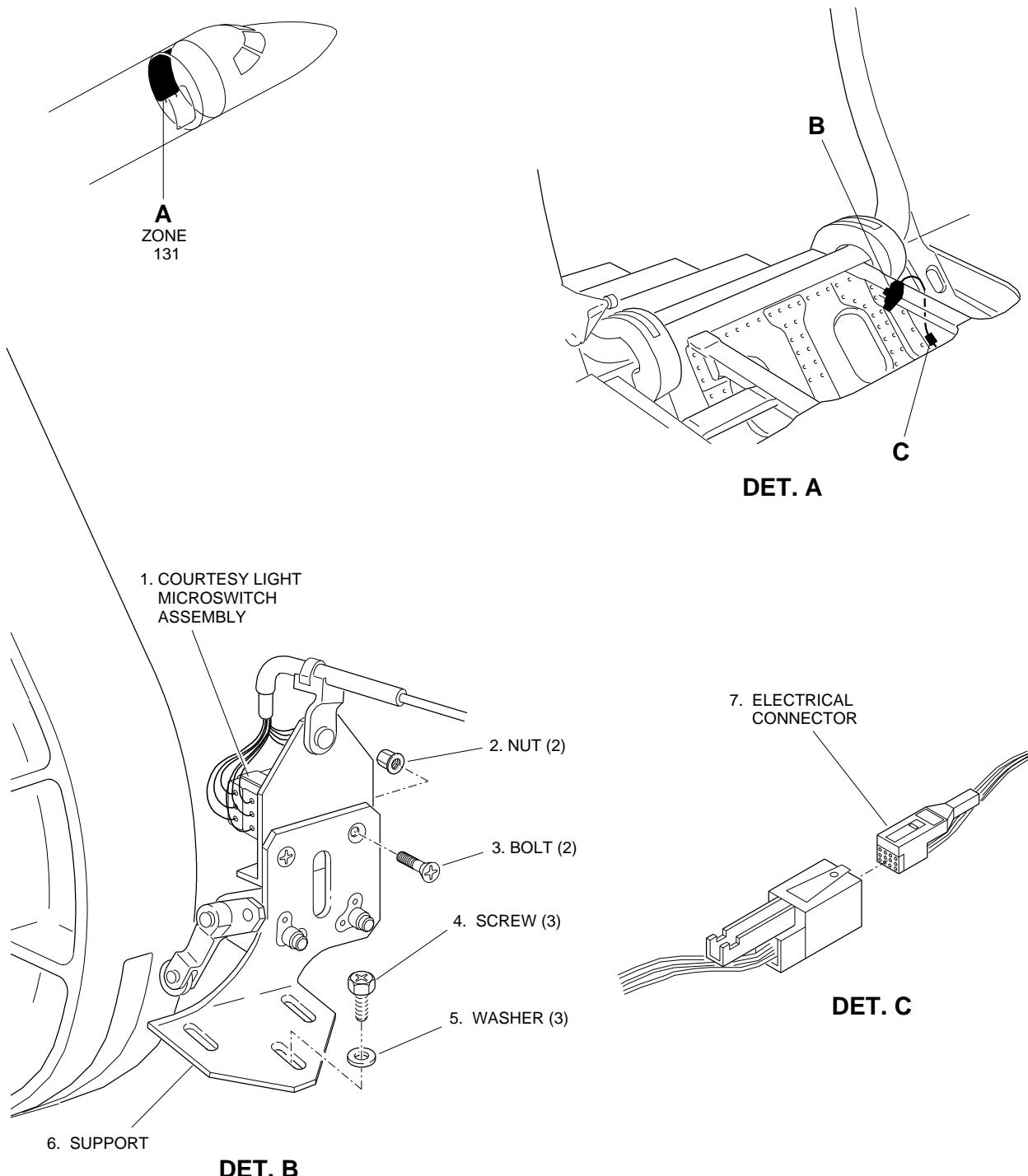
SUBTASK 020-002-A

- (1) On aircraft with airstairs door, remove the courtesy-light microswitch assembly as follows ([Figure 401](#)):
 - (a) Disconnect the electrical connector (7).
 - (b) Remove the three screws (4) and three washers (5).
 - (c) Remove the support (6) with the microswitch assembly (1).
 - (d) Remove the two bolts (3) and the two nuts (2) which attach the microswitch assembly (1) to the support (6).
 - (e) Remove the courtesy-light microswitch assembly (1) from the support (6).
- (2) On aircraft with side-hinged main door, remove the courtesy-light microswitch assembly as follows ([Figure 402](#)):
 - (a) (For aircraft without main door-operated cooling system microswitch) Remove the bolt (9) and washer (8) which attach the clamp (10) to the structure.
 - (b) (For aircraft without main door-operated cooling system microswitch) Remove the clamp (10).
 - (c) Disconnect the electrical connector (7).
 - (d) Remove the three bolts (6) and three washers (5) that attach the support (4) to the fuselage.
 - (e) Remove the support (4) with the microswitch assembly (1).
 - (f) Remove the two bolts (2) and two nuts (3) which attach the microswitch assembly (1) to the support (4).
 - (g) Remove the microswitch assembly (1) from the support (4).

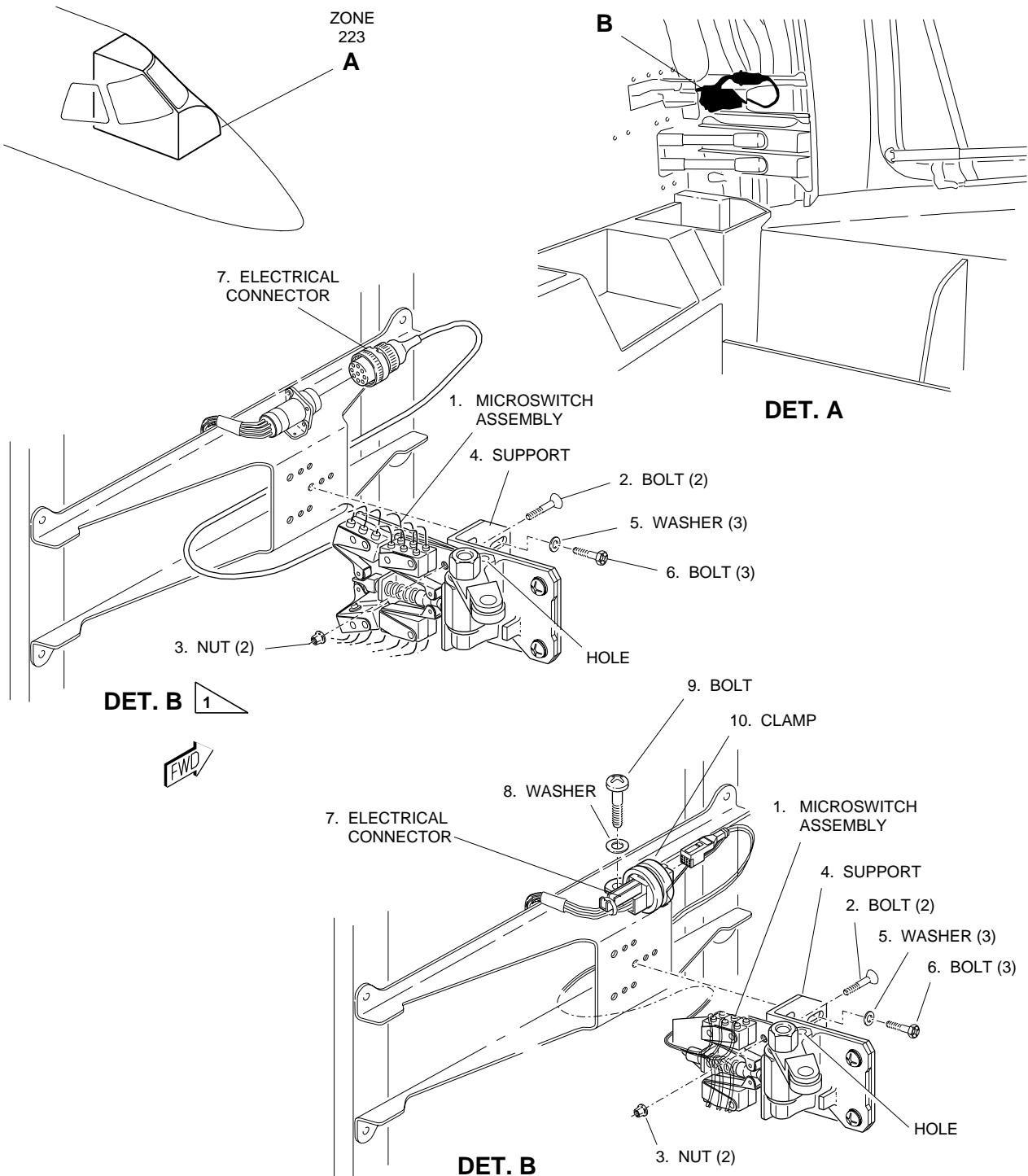
EFFECTIVITY: AIRCRAFT WITH AIRSTAIRS DOOR

Courtesy-Light Microswitch Assembly - Removal/Installation

Figure 401



EFFECTIVITY: AIRCRAFT WITH SIDE-HINGED MAIN DOOR
 Courtesy-Light Microswitch Assembly - Removal/Installation
 Figure 402



AIRCRAFT WITH MAIN DOOR-OPERATED
COOLING SYSTEM MICROSWITCH



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TASK 33-26-07-400-801-A

EFFECTIVITY: ALL

3. COURTESY-LIGHT MICROSWITCH ASSEMBLY - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the courtesy-light microswitch assembly.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 25-24-01-400-801-A/400	PASSENGER-CABIN FLOOR LINING - INSTALLATION
AMM TASK 33-26-00-700-801-A/500	COURTESY/STAIR LIGHTS - OPERATIONAL TEST
AMM TASK 53-01-02-400-801-A/400	-
AMM TASK 53-01-02-400-802-A/400	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
131	231CF	Area below the passenger cabin floor - RH side
223	223DLW	Cockpit - LH

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	Center fuselage I, below the floor, or in the cockpit

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) On aircraft with airstairs door, install the courtesy-light microswitch assembly as follows (Figure 401):



- (a) Install the courtesy-light microswitch assembly (1) on the support (6).
 - (b) Tighten the two bolts (3) and two nuts (2) which attach the microswitch assembly (1) to the support (6).
 - (c) Put the support (6) on the fuselage structure.
 - (d) Put the three washers (5) and three screws (4) in their installation position.
NOTE: Close the door. Pull or push the microswitch assembly until the rotating arm operates the microswitch.
 - (e) Tighten the three screws (4) which attach the microswitch assembly (1) to the structure.
 - (f) Connect the electrical connector (7).
- (2) On aircraft with side-hinged main door, install the courtesy-light microswitch assembly as follows (Figure 402):
 - (a) Install the microswitch assembly (1) on the support (4).
 - (b) Tighten the two nuts (3) and two bolts (2) that attach the microswitch assembly (1) to the support (4).
 - (c) Close the door.
NOTE: Insert a pin into the hole to keep the microswitch assembly in the position equivalent to the closed door condition.
 - (d) Install the support (4) with the microswitch assembly (1) on the fuselage structure.
 - (e) Put the three washers (5) and three bolts (6) that attach the support (4) to the fuselage structure in their installation position.
 - (f) NOTE: Pull or push the microswitch assembly until the door arm operates the microswitch.
Tighten the three bolts (6) which attach the microswitch assembly (1) to the structure.
 - (g) NOTE: Remove the pin.
Connect the electrical connector (7).
 - (h) (For aircraft without main door-operated cooling system microswitch) Put the clamp (10) in its installation position.
 - (i) (For aircraft without main door-operated cooling system microswitch) Tighten the bolt (9) and washer (8) which attach the clamp (10) to the structure.

J. Follow-on

SUBTASK 842-002-A

- (1) On aircraft with airstairs door, do as follows (Figure 401):



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- (a) Install floor panel 231CF (AMM MPP 06-41-02/100) and the floor lining. Refer to AMM TASK 53-01-02-400-801-A/400 or AMM TASK 53-01-02-400-802-A/400, as applicable, and [AMM TASK 25-24-01-400-801-A/400](#).
 - (b) Close the main door.
 - (c) Do the Courtesy/Stair Lights Operational Test ([AMM TASK 33-26-00-700-801-A/500](#)).
- (2) On aircraft with side-hinged main door, do as follows (Figure 402):
- (a) On the overhead circuit breaker panel, remove the DO-NOT-CLOSE tag from the PACK 1 and PACK 2 circuit breakers and close them.
 - (b) Install cockpit internal panel 223DLW ([AMM MPP 06-41-03/100](#)).
 - (c) Close the main door.
 - (d) Do the Courtesy/Stair Lights Operational Test ([AMM TASK 33-26-00-700-801-A/500](#)).