



AIRCRAFT MAINTENANCE MANUAL

MAIN-DOOR WARNING MICROSWITCHES - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the microswitches of the warning system of the main door.
- B. These procedures are applicable to the four microswitches of the 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
52-73-01-000-801-A	AIRSTAIRS MAIN DOOR WARNING MI- CROSWITCHES - REMOVAL	ALL
52-73-01-400-801-A	AIRSTAIRS MAIN DOOR WARNING MI- CROSWITCHES - INSTALLATION	ALL
52-73-01-000-802-A	SIDE-HINGED MAIN DOOR WARNING MI- CROSWITCHES - REMOVAL	ALL
52-73-01-400-802-A	SIDE-HINGED MAIN DOOR WARNING MI- CROSWITCHES - INSTALLATION	ALL



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TASK 52-73-01-000-801-A

EFFECTIVITY: ALL

2. AIRSTAIRS MAIN DOOR WARNING MICROSWITCHES - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the microswitch of the warning system of the main door.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-23-04-000-801-A/400	MAIN-DOOR LINING PANEL - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
811		Main door

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	Main door

I. Preparation

SUBTASK 841-002-A

- (1) Open the main door.
- (2) Remove lining panels ([AMM TASK 25-23-04-000-801-A/400](#) as applicable).

J. Removal (Figure 401)

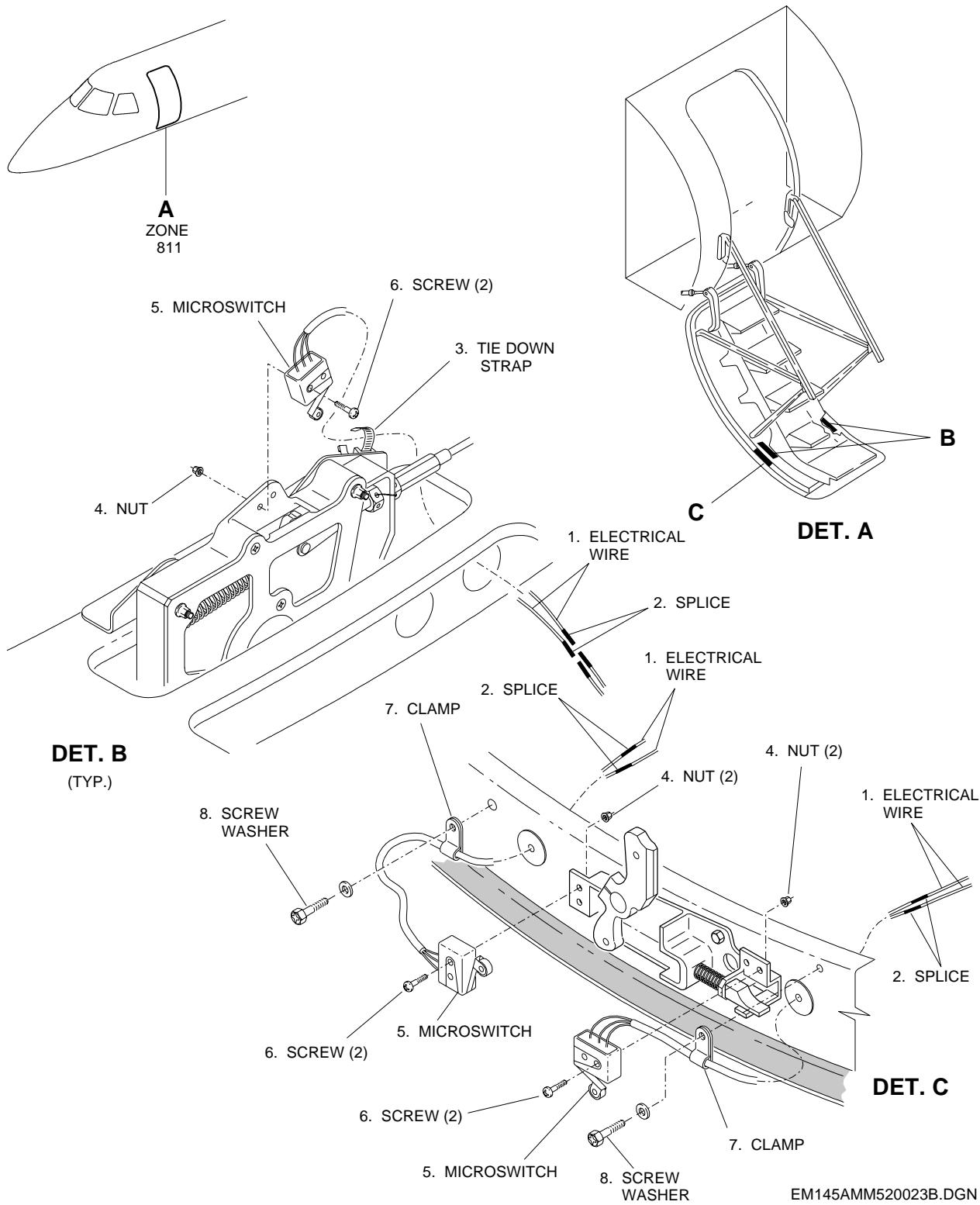
SUBTASK 020-002-A

- (1) Disconnect the two splices (2) to disconnect the electrical wires (1).
- (2) If applicable, cut and remove the tiedown strap (3) to release the electrical wires (1) from the door structure.

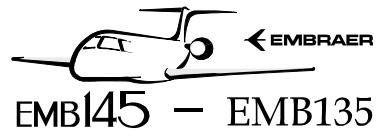


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- (3) If applicable, remove the screw and washer (8) to loosen the clamp (7) that attach the electrical wires (1) to the door structure.
- (4) Remove the two nuts (4) and screws (6) that attach the microswitch (5).
- (5) Remove the microswitch (5).

EFFECTIVITY: ALL
Warning Microswitches - Removal/Installation
Figure 401


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TASK 52-73-01-400-801-A

EFFECTIVITY: ALL

3. AIRSTAIRS MAIN DOOR WARNING MICROSWITCHES - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the microswitch of the warning system of the main door.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-23-04-400-801-A/400	MAIN-DOOR LINING PANEL - INSTALLATION
AMM TASK 52-73-01-700-801-A/500	AIRSTAIRS MAIN-DOOR WARNING MICROSWITCHES - FUNCTIONAL TEST
AMM TASK 52-73-01-820-801-A/500	AIRSTAIRS MAIN-DOOR WARNING MICROSWITCHES - ADJUSTMENT

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
811		Main door

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MS3367-4-9	Tiedown strap	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Main door

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the microswitch (5) in its installation position.
- (2) Install the two screws (6) and nuts (4) to attach the microswitch (5).
- (3) Connect the electrical wires (1) with the splices (2).



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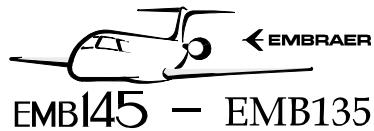
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- (4) If applicable, install the tiedown strap (3) to attach the electrical wires (1) to the main door structure.
- (5) If applicable, install the clamp (7) to attach the electrical wires (1) to the main door structure. Attach with the screw and washer (8).

J. Follow-on

SUBTASK 842-002-A

- (1) Do a functional test ([AMM TASK 52-73-01-700-801-A/500](#)) and do an adjustment ([AMM TASK 52-73-01-820-801-A/500](#)), of the warning microswitches of the main door.
- (2) Install lining panels ([AMM TASK 25-23-04-400-801-A/400](#) as applicable).
- (3) Close the main door.



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TASK 52-73-01-000-802-A

EFFECTIVITY: ALL

4. SIDE-HINGED MAIN DOOR WARNING MICROSWITCHES - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the microswitches of the warning system of the side-hinged main door.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-23-04-000-801-A/400	MAIN-DOOR LINING PANEL - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
811		Side-hinged main door

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the side-hinged main door	

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	Side-hinged main door

I. Preparation

SUBTASK 841-003-A

- (1) Open the side-hinged main door.
- (2) Remove lining panels of the side-hinged main door ([AMM TASK 25-23-04-000-801-A/400](#) as applicable).

J. Removal

SUBTASK 020-003-A

- (1) Disconnect the two splices (2) to disconnect the electrical wires (1).

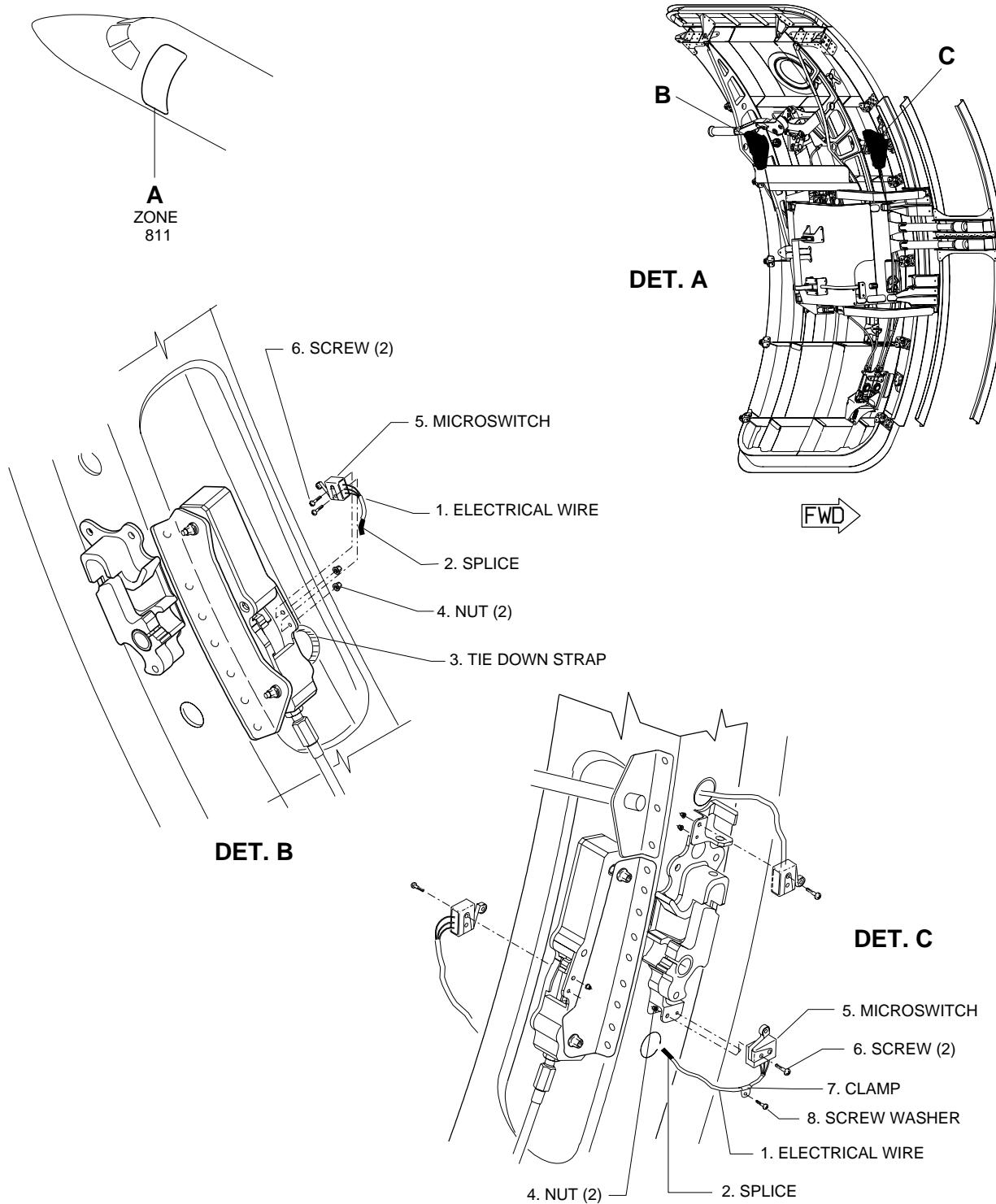


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- (2) Cut and remove the tiedown strap (3) (if applicable).
- (3) Remove the two nuts (4) and screws (6) that attach the microswitch (5).
- (4) Remove the microswitch (5).

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Warning Microswitches - Removal/Installation
Figure 402



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TASK 52-73-01-400-802-A

EFFECTIVITY: ALL

5. SIDE-HINGED MAIN DOOR WARNING MICROSWITCHES - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the microswitches of the warning system of the side-hinged main door.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-23-04-400-801-A/400	MAIN-DOOR LINING PANEL - INSTALLATION
AMM TASK 52-73-01-700-802-A/500	SIDE-HINGED MAIN-DOOR WARNING MICROSWITCHES - FUNCTIONAL TEST
AMM TASK 52-73-01-820-802-A/500	SIDE-HINGED MAIN-DOOR WARNING MICROSWITCHES - ADJUSTMENT

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
811		Side-hinged main door

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the side-hinged main door	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MS3367-4-9	Tiedown strap	AR

G. Expandable Parts

Not Applicable

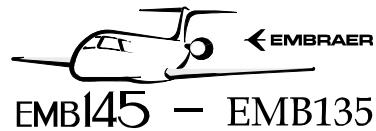
H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Side-hinged main door

I. Installation

SUBTASK 420-003-A

- (1) Put the microswitch (5) in its installation position.



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- (2) Install the two screws (6) and nuts (4) to attach the microswitch (5).
- (3) Connect the electrical wires (1) with the splices (2).
- (4) Install the tiedown strap (3) to attach the electrical wires (1) to the side-hinged main door structure (if applicable).

J. Follow-on

SUBTASK 842-003-A

- (1) Do a functional test ([AMM TASK 52-73-01-700-802-A/500](#)) and do an adjustment ([AMM TASK 52-73-01-820-802-A/500](#)), of the warning microswitches of the side-hinged main door.
- (2) Install lining panels of the side-hinged main door ([AMM TASK 25-23-04-400-801-A/400](#) as applicable).
- (3) Close the side-hinged main door.

