



AIRCRAFT MAINTENANCE MANUAL

IDLE LOCKOUT MICROSWITCH - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH THRUST REVERSERS

1. General

- A. This section gives the procedure to remove/install the idle lock microswitch.
- B. The idle lock microswitch is installed at the idle lock quadrant in the control stand assembly.
- C. These procedures are applicable to the LH and RH idle lock microswitches.
- D. 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
76-13-03-000-801-A	IDLE LOCK MICROSWITCH - REMOVAL	AIRCRAFT WITH THRUST REVERSERS
76-13-03-400-801-A	IDLE LOCK MICROSWITCH - INSTALLATION	AIRCRAFT WITH THRUST REVERSERS



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TASK 76-13-03-000-801-A

EFFECTIVITY: AIRCRAFT WITH THRUST REVERSERS

2. IDLE LOCK MICROSWITCH - REMOVAL

A. General

- (1) Obey these instructions to remove the idle lock microswitch.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 27-63-03-000-801-A/400	SPEED BRAKE COMMAND LEVER - REMOVAL
AMM TASK 76-11-01-000-801-A/400	CONTROL STAND ASSEMBLY - REMOVAL
AMM TASK 76-11-05-000-801-A/400	CONTROL STAND MASK - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223OZ	Control Pedestal
223	223NZ	Control Pedestal
223	223SZ	Control Pedestal
223	223RZ	Control Pedestal

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	No. 1 "Z" screwdriver	To loosen/tighten the lower screw of the microswitch harness	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

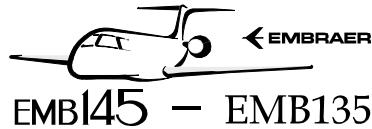
H. Persons Recommended

QTY	FUNCTION	PLACE
01	Does the task	Cockpit

I. Preparation

SUBTASK 841-002-A

- (1) Remove access panels 223SZ and 223RZ ([AMM MPP 06-41-03/100](#)).



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- (2) Remove the control stand mask ([AMM TASK 76-11-05-000-801-A/400](#)).
- (3) Remove the aileron-disconnect indication light from panel 223NZ, but do not disconnect the electrical connector ([AMM TASK 76-11-01-000-801-A/400](#)).
- (4) NOTE: To do the step that follows, loosen the aileron-disconnect indication-light harness through access panel 223RZ.
Move access panel 223NZ to the right side of the control pedestal ([AMM MPP 06-41-03/100](#)).
- (5) Remove the speed-brake command lever ([AMM TASK 27-63-03-000-801-A/400](#)).
- (6) Remove the elevator-disconnect indication light from panel 223OZ, but do not disconnect the electrical connector ([AMM TASK 76-11-01-000-801-A/400](#)).
- (7) NOTE: To do the step that follows, loosen the elevator-disconnect indication-light harness through access panel 223SZ.
Move access panel 223OZ to the left side of the control pedestal ([AMM MPP 06-41-03/100](#)).

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

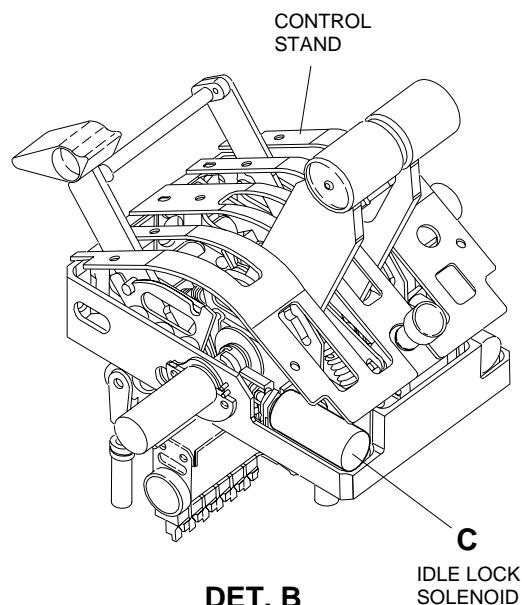
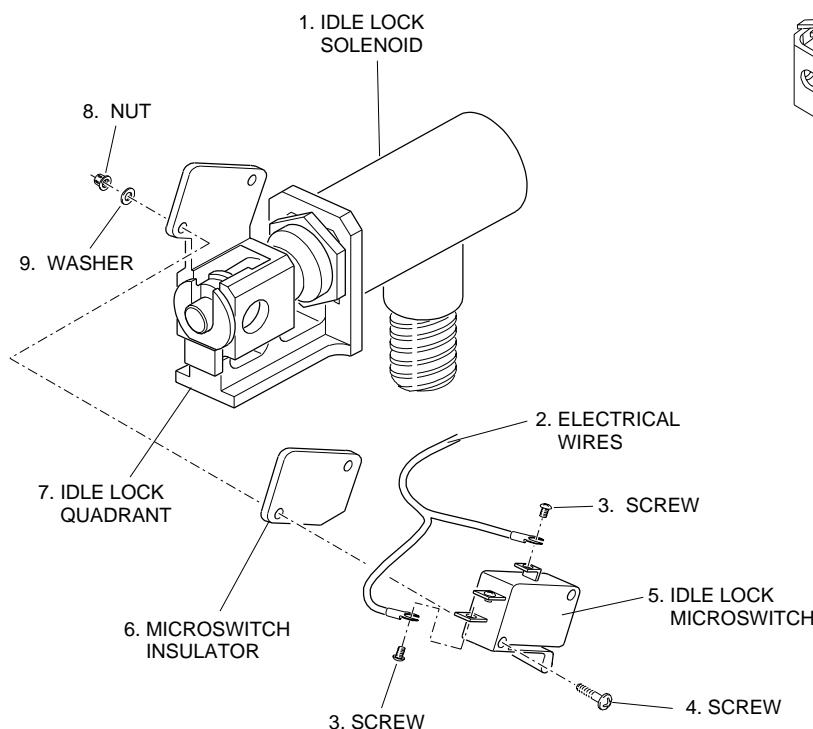
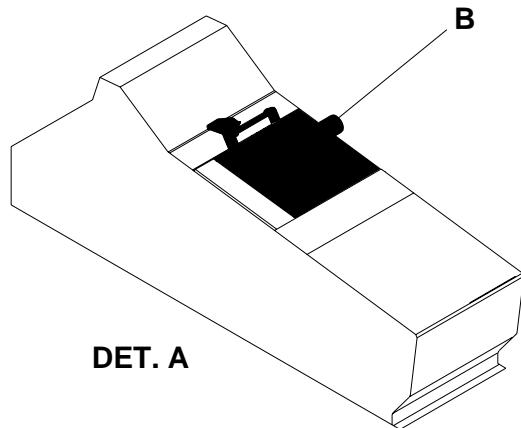
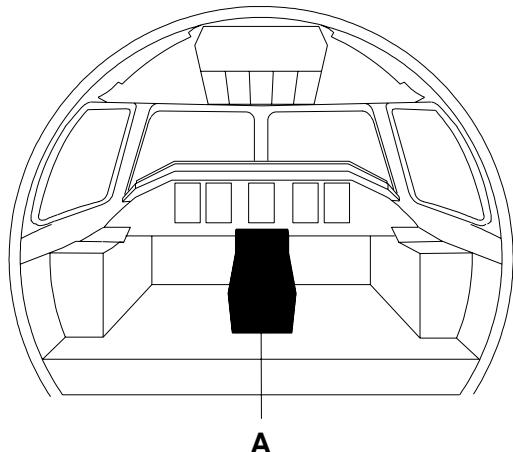
SUBTASK 020-002-A

- (1) Loosen the screws (3) and remove the electrical wires (2) from the idle lock microswitch (5). Use a No.1 "Z" screwdriver to loosen the lower screw of the microswitch harness.
- (2) Remove the nuts (8), screws (4), and washers (9) that attach the idle lock microswitch (5) to the idle lock quadrant (7).
- (3) Remove the idle lock microswitch (5) and the microswitch insulator (6) from the idle lock quadrant (7).
- (4) Isolate the electrical terminals of the electrical wires (2).

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Idle Lock Microswitch - Removal/Installation

Figure 401



DET. C

145AMM760018.MCE A



EMB145 - EMB135

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TASK 76-13-03-400-801-A

EFFECTIVITY: AIRCRAFT WITH THRUST REVERSERS

3. IDLE LOCK MICROSWITCH - INSTALLATION

A. General

(1) Obey these instructions to install the idle lock microswitch.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 27-63-03-400-801-A/400	SPEED BRAKE COMMAND LEVER - INSTALLATION
AMM TASK 76-11-01-400-801-A/400	CONTROL STAND ASSEMBLY - INSTALLATION
AMM TASK 76-11-05-400-801-A/400	CONTROL STAND MASK - INSTALLATION
AMM TASK 76-13-03-820-801-A/500	IDLE LOCK MICROSWITCH - ADJUSTMENT PROCEDURES

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223OZ	Control Pedestal
223	223NZ	Control Pedestal
223	223SZ	Control Pedestal
223	223RZ	Control Pedestal

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	No. 1 "Z" screw driver	To loosen/tighten the lower screw of the microswitch harness	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
01	Does the task	Cockpit

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Remove the isolation of the electrical terminals of the electrical wires (2), if applicable.
- (2) Install the microswitch insulator (6) and the idle lock microswitch (5) to the idle lock quadrant (7).
- (3) Install the screws (4), washers (9), and nuts (8) to attach the idle lock microswitch (5) to the idle lock quadrant (7).

NOTE: Do not tighten too much the screws and nuts to prevent damage to the microswitch.
- (4) Install the electrical wires (2) to the idle lock microswitch (5) and attach them with the screws (3). Use a No. 1 "Z" screwdriver to tighten the lower screw of the microswitch wiring.
- (5) Do the idle-lock adjustment procedure ([AMM TASK 76-13-03-820-801-A/500](#)).

J. Follow-on

SUBTASK 842-002-A

- (1) Install access panel 223OZ ([AMM MPP 06-41-03/100](#)).
- (2) Install the elevator-disconnect indication light to panel 223OZ ([AMM TASK 76-11-01-400-801-A/400](#)).
- (3) Install the speed-brake command lever ([AMM TASK 27-63-03-400-801-A/400](#)).
- (4) Install access panel 223NZ ([AMM MPP 06-41-03/100](#)).
- (5) Install the aileron-disconnect indication light to panel 223NZ ([AMM TASK 76-11-01-400-801-A/400](#)).
- (6) Install the control stand mask ([AMM TASK 76-11-05-400-801-A/400](#)).
- (7) Install access panels 223SZ and 223RZ ([AMM MPP 06-41-03/100](#)).