



AIRCRAFT MAINTENANCE MANUAL

IDLE LOCKOUT SOLENOID - ADJUSTMENT/TEST

EFFECTIVITY: AIRCRAFT WITH THRUST REVERSERS

1. General

- A. This section gives the idle-lock-solenoid adjustment procedure.
- B. The idle lock solenoid is installed in the control stand assembly.
- C. These procedures are applicable to the LH and RH idle lock solenoids.
- 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
76-13-02-820-801-A	IDLE LOCK SOLENOID - ADJUSTMENT PROCEDURES	AIRCRAFT WITH THRUST REVERSERS



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TASK 76-13-02-820-801-A

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2. IDLE LOCK SOLENOID - ADJUSTMENT PROCEDURES

A. General

- (1) Obey these instructions to adjust the idle lock solenoid.

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 27-63-03-400-801-A/400	SPEED BRAKE COMMAND LEVER - INSTALLATION
AMM TASK 76-11-01-000-801-A/400	CONTROL STAND ASSEMBLY - REMOVAL
AMM TASK 76-11-01-400-801-A/400	CONTROL STAND ASSEMBLY - INSTALLATION
AMM TASK 76-11-05-000-801-A/400	CONTROL STAND MASK - REMOVAL
AMM TASK 76-11-05-400-801-A/400	CONTROL STAND MASK - INSTALLATION
AMM TASK 76-13-02-000-801-A/400	IDLE LOCK SOLENOID - REMOVAL
AMM TASK 76-13-02-400-801-A/400	IDLE LOCK SOLENOID - INSTALLATION
IPC 76-11-00	MECHANICAL CONTROL SYSTEM

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	Feeler Gage	To measure gap	

E. Auxiliary Items

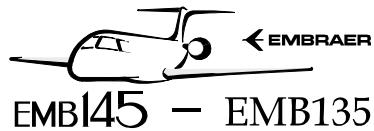
Not Applicable

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Shim	IPC 76-11-00	01/LRU



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H. Persons Recommended

QTY	FUNCTION	PLACE
01	Does the task	Cockpit

I. Preparation

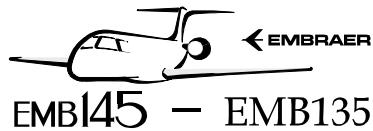
SUBTASK 841-002-A

- (1) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:
 - POWERPLANT - ELEC. IDLE STOP 1/2
- (2) Remove access panels 223SZ and 223RZ ([AMM MPP 06-41-03/100](#)).
- (3) Remove the control stand mask ([AMM TASK 76-11-05-000-801-A/400](#)).
- (4) 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](#)).
- (5) **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](#)).
- (6) Remove the speed-brake command lever ([AMM TASK 27-63-03-000-801-A/400](#)).
- (7) 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](#)).
- (8) **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](#)).
- (9) If necessary, you can remove the control stand assembly from the control pedestal according to [AMM TASK 76-11-01-000-801-A/400](#) to do the adjustment procedure with the control stand assembly removed from the aircraft (off-wing).
- (10) Remove the idle lock solenoid ([AMM TASK 76-13-02-000-801-A/400](#)) from the control stand assembly.

J. Adjustment Procedures ([Figure 501](#))

SUBTASK 820-002-A

- (1) Put the thrust lever in the IDLE position.
- (2) Refer to figure 501 for the adjustment values to get the correct gap between the shaft of the engine control and the shaft of the idle lock solenoid.
NOTE: The shim is of the delaminable type. Remove or add shims to get the correct gap. Use a feeler gage.



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- (3) Adjust the shim between the control stand hardware and the idle lock quadrant as necessary.

K. Follow-on

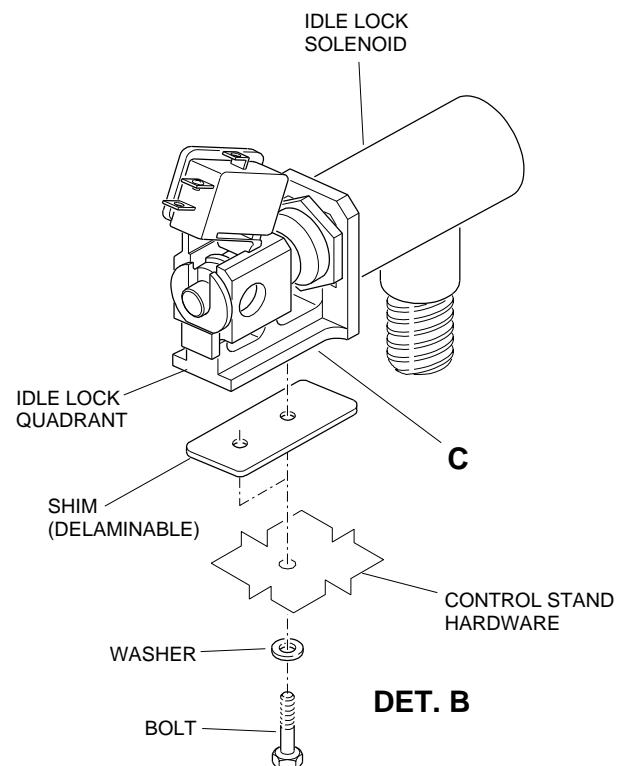
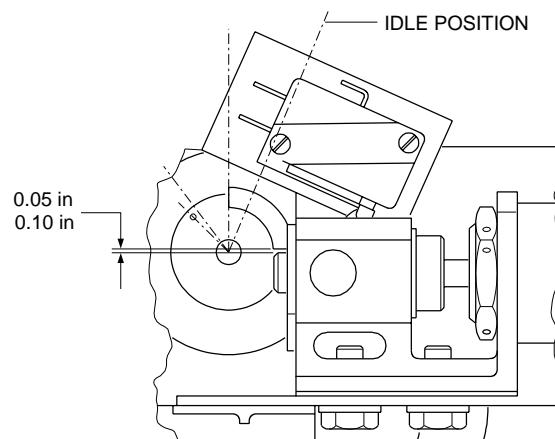
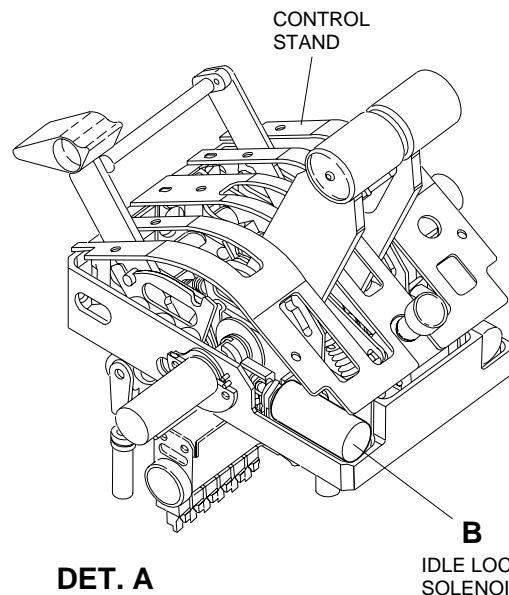
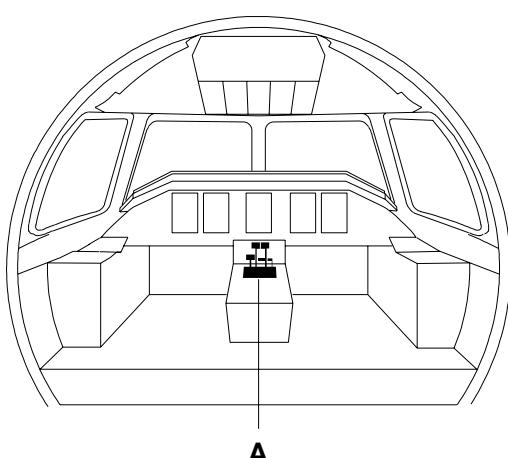
SUBTASK 842-002-A

- (1) If you removed the control stand assembly from the control pedestal, install it according to [AMM TASK 76-11-01-400-801-A/400](#).
- (2) Install the idle lock solenoid ([AMM TASK 76-13-02-400-801-A/400](#)) to the control stand assembly.
- (3) Install access panel 223OZ ([AMM MPP 06-41-03/100](#)).
- (4) Install the elevator-disconnect indication light to panel 223OZ ([AMM TASK 76-11-01-400-801-A/400](#)).
- (5) Install the speed-brake command lever ([AMM TASK 27-63-03-400-801-A/400](#)).
- (6) Install access panel 223NZ ([AMM MPP 06-41-03/100](#)).
- (7) Install the aileron-disconnect indication light to panel 223NZ ([AMM TASK 76-11-01-400-801-A/400](#)).
- (8) Install the control stand mask ([AMM TASK 76-11-05-400-801-A/400](#)).
- (9) Install access panels 223SZ and 223RZ ([AMM MPP 06-41-03/100](#)).
- (10) On the circuit breaker panel, remove the DO-NOT-CLOSE tags and close these circuit breakers:
 - POWERPLANT - ELEC. IDLE STOP 1/2.

EFFECTIVITY: AIRCRAFT WITH THRUST REVERSERS

Idle Lock Solenoid - Adjustment Procedures

Figure 501



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