



AIRCRAFT MAINTENANCE MANUAL

FRICTION LOCK ASSEMBLY - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to remove/install the friction lock assembly.
- 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
76-11-04-000-801-A	FRICTION LOCK ASSEMBLY - REMOVAL	ALL
76-11-04-400-801-A	FRICTION LOCK ASSEMBLY - INSTALLA- TION	ALL



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TASK 76-11-04-000-801-A

EFFECTIVITY: ALL

2. FRICTION LOCK ASSEMBLY - REMOVAL

A. General

- (1) This task gives the necessary instructions to remove the friction lock assembly.

B. References

REFERENCE	DESIGNATION
AMM TASK 76-11-05-000-801-A/400	CONTROL STAND MASK - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223		Control Pedestal

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
01	Does the task	Cockpit

I. Preparation

SUBTASK 841-002-A

- (1) (For aircraft without thrust reverser) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:
- LIGHTS - PEDESTAL PANEL.
 - POWERPLANT - START 1/2.
 - POWERPLANT - FADEC 1A/2A - 1B/2B.
- (2) (For aircraft with thrust reverser) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:
- POWERPLANT - ELEC. IDLE STOP 1/2.
 - POWERPLANT - THRUST REVERSER 1/2.



- LIGHTS - PEDESTAL PANEL.
- POWERPLANT - START 1/2.
- POWERPLANT - FADEC 1A/2A - 1B/2B.

(3) Remove the control stand mask ([AMM TASK 76-11-05-000-801-A/400](#)).

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

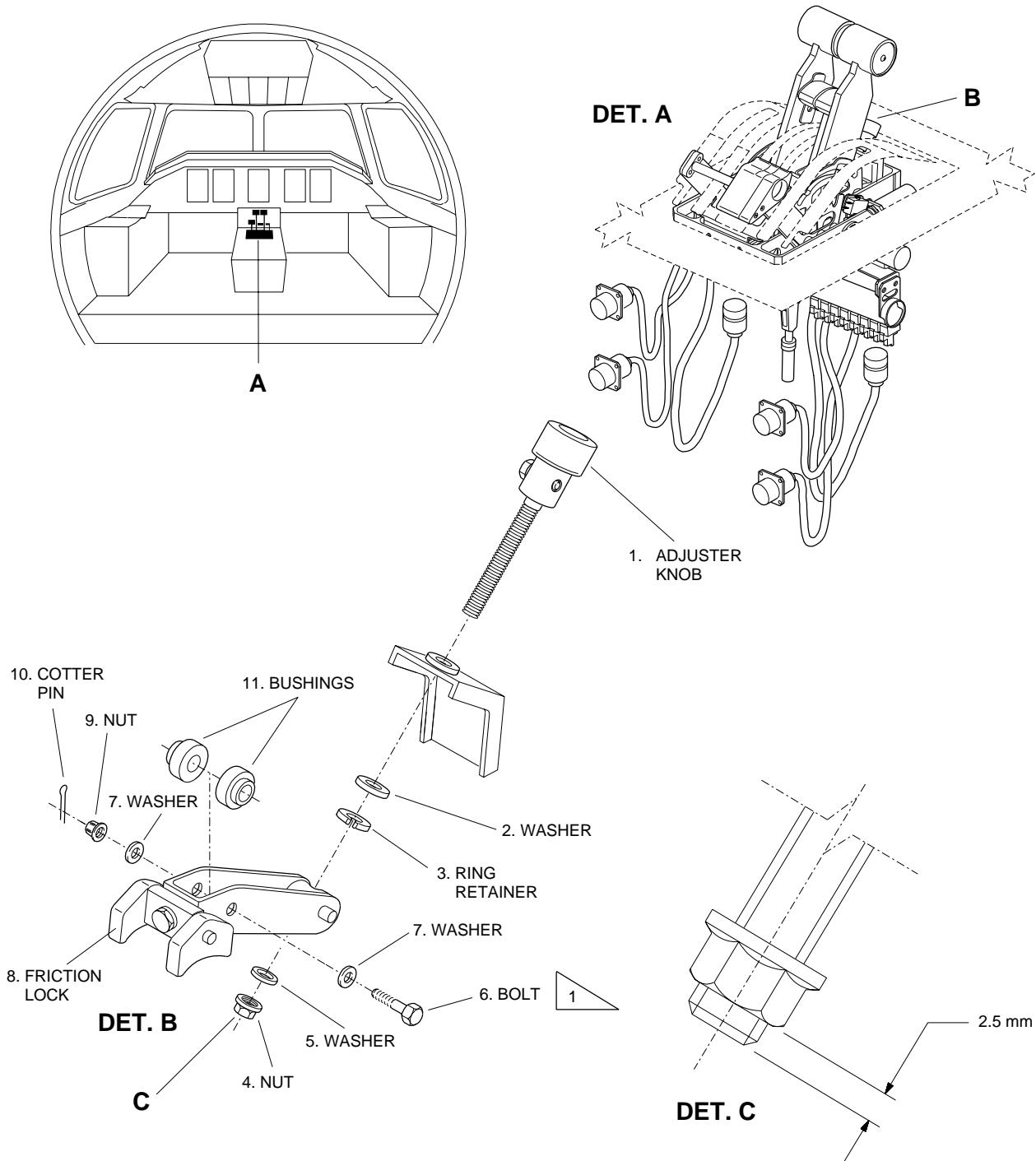
SUBTASK 020-002-A

- (1) Put the thrust lever in "Max. Power" and remove the cotter pin (10). Discard the cotter pin.
- (2) Remove the nut (9), washers (7), bolt (6), and bushings (11).
- (3) Pull the friction lock assembly (8) and remove the nut (4) and washer (5).
- (4) Remove the ring retainer (3) and washer (2).
- (5) Remove the friction-lock adjuster knob (1).
- (6) Remove the friction lock (8) from the control stand.

EFFECTIVITY: ALL

Friction Lock Assembly - Removal/Installation

Figure 401



 **TORQUE VALUE:** 5.6 Nm (50 lb/in) TO 7.9 Nm (70 lb/in).

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TASK 76-11-04-400-801-A

EFFECTIVITY: ALL

3. FRICTION LOCK ASSEMBLY - INSTALLATION

A. General

- (1) This task gives the necessary instructions to install the friction lock assembly.

B. References

REFERENCE	DESIGNATION
76-11-04	-
AMM TASK 76-11-05-400-801-A/400	CONTROL STAND MASK - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223		Control Pedestal

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Cotter pin	76-11-04	1

H. Persons Recommended

QTY	FUNCTION	PLACE
01	Does the task	Cockpit

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the friction-lock adjuster knob (1) to its installation position on the control stand.
- (2) Install the washer (2) and ring retainer (3).
- (3) Attach the friction lock assembly (8) to the adjuster knob (1).
- (4) Install the washer (5) and nut (4). Refer to figure 401 for the adjustment values.



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- (5) Install the bushings (11), washers (7), bolt (6), and nut (9). Tighten the bolt (6) and nut (9). Refer to figure 401 for the torque values.
- (6) Install a new cotter pin (10).

J. Follow-on

SUBTASK 842-002-A

- (1) Install the control stand mask ([AMM TASK 76-11-05-400-801-A/400](#)).
- (2) (For aircraft without thrust reverser) On the circuit breaker panel, remove the DO-NOT-CLOSE tags and close these circuit breakers:
 - LIGHTS - PEDESTAL PANEL.
 - POWERPLANT - START 1/2.
 - POWERPLANT - FADEC 1A/2A - 1B/2B.
- (3) (For aircraft with thrust reverser) On the circuit breaker panel, remove the DO-NOT-CLOSE tags and close these circuit breakers:
 - POWERPLANT - ELEC. IDLE STOP 1/2.
 - POWERPLANT - THRUST REVERSER 1/2.
 - LIGHTS - PEDESTAL PANEL.
 - POWERPLANT - START 1/2.
 - POWERPLANT - FADEC 1A/2A - 1B/2B.