



AIRCRAFT MAINTENANCE MANUAL

SERVICE DOOR INTERNAL ACTUATING HANDLE - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to remove and install the internal actuating handle of the service door.
- 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
52-43-05-000-801-A	SERVICE DOOR INTERNAL ACTUATING HANDLE - REMOVAL	ALL
52-43-05-400-801-A	SERVICE DOOR INTERNAL ACTUATING HANDLE - INSTALLATION	ALL



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TASK 52-43-05-000-801-A

EFFECTIVITY: ALL

2. SERVICE DOOR INTERNAL ACTUATING HANDLE - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the internal actuating handle of the service door.

B. References

REFERENCE	DESIGNATION
AMM SDS 52-43-00/1	

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
821		Service door

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the service 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	Service door

I. Preparation

SUBTASK 841-002-A

- (1) Open the service door ([AMM SDS 52-43-00/1](#)).

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

SUBTASK 020-002-A

- (1) Release the spring (7) (Sheet 1 of [Figure 401](#)).
- (2) Remove the nut (4), washer (3) and bolt (1) (Sheet 1 of [Figure 401](#)).
- (3) Remove the handle (5) (Sheet 1 of [Figure 401](#)).



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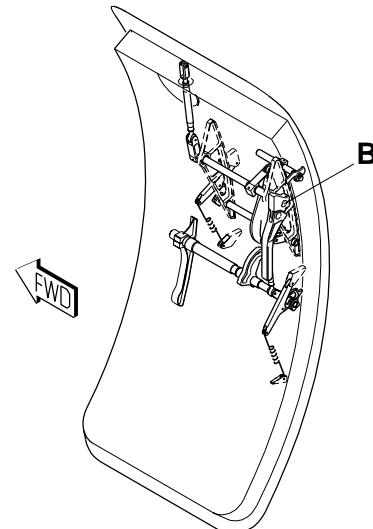
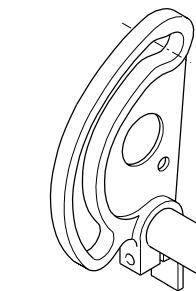
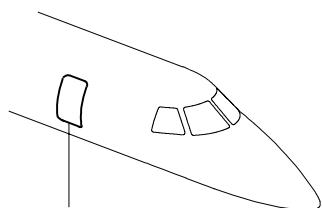
NOTE: Be careful not to lose the spacer (6).

- (4) If necessary, disassemble the internal handle as follows (Sheet 2 of [Figure 401](#)):
 - (a) Remove the nut (14), the screw (8), and the spacer (15).
 - (b) Remove the nut (9), washer (7), and screw (3).
 - (c) Remove the bushings (4) and (6).
 - (d) Pull out the stop (16), then remove the bushing (2).
 - (e) From the handle (5), remove the bushing (1) and the bearing (10).
 - (f) From the stop (16), remove the two washers (17), the pin (11), and the roller (12), then release the spring (13).

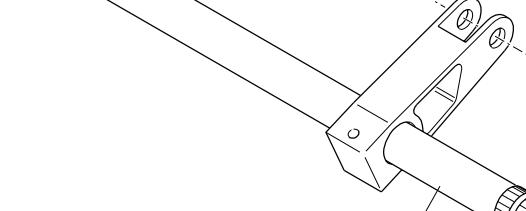
EFFECTIVITY: ALL

Internal Actuating Handle - Removal/Installation

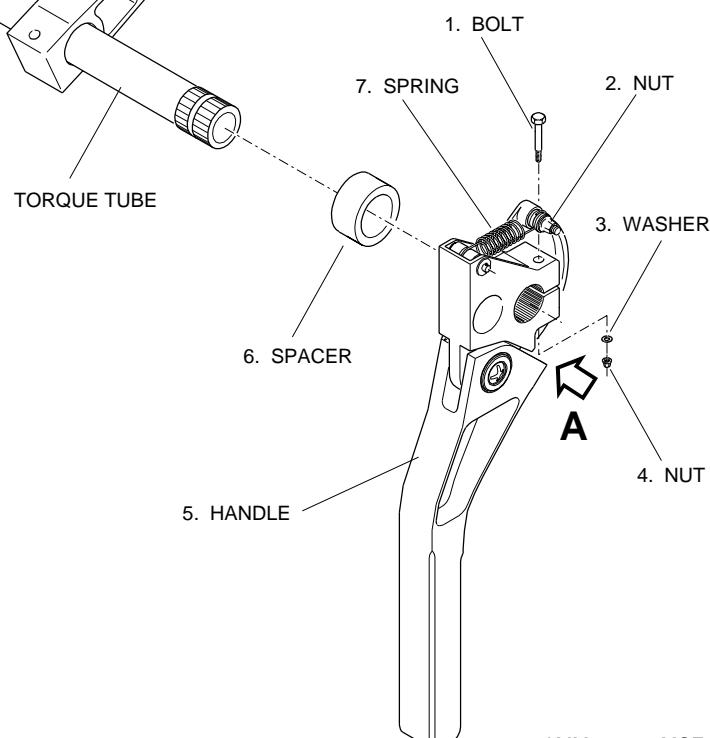
Figure 401 - Sheet 1



DET. A



DET. B

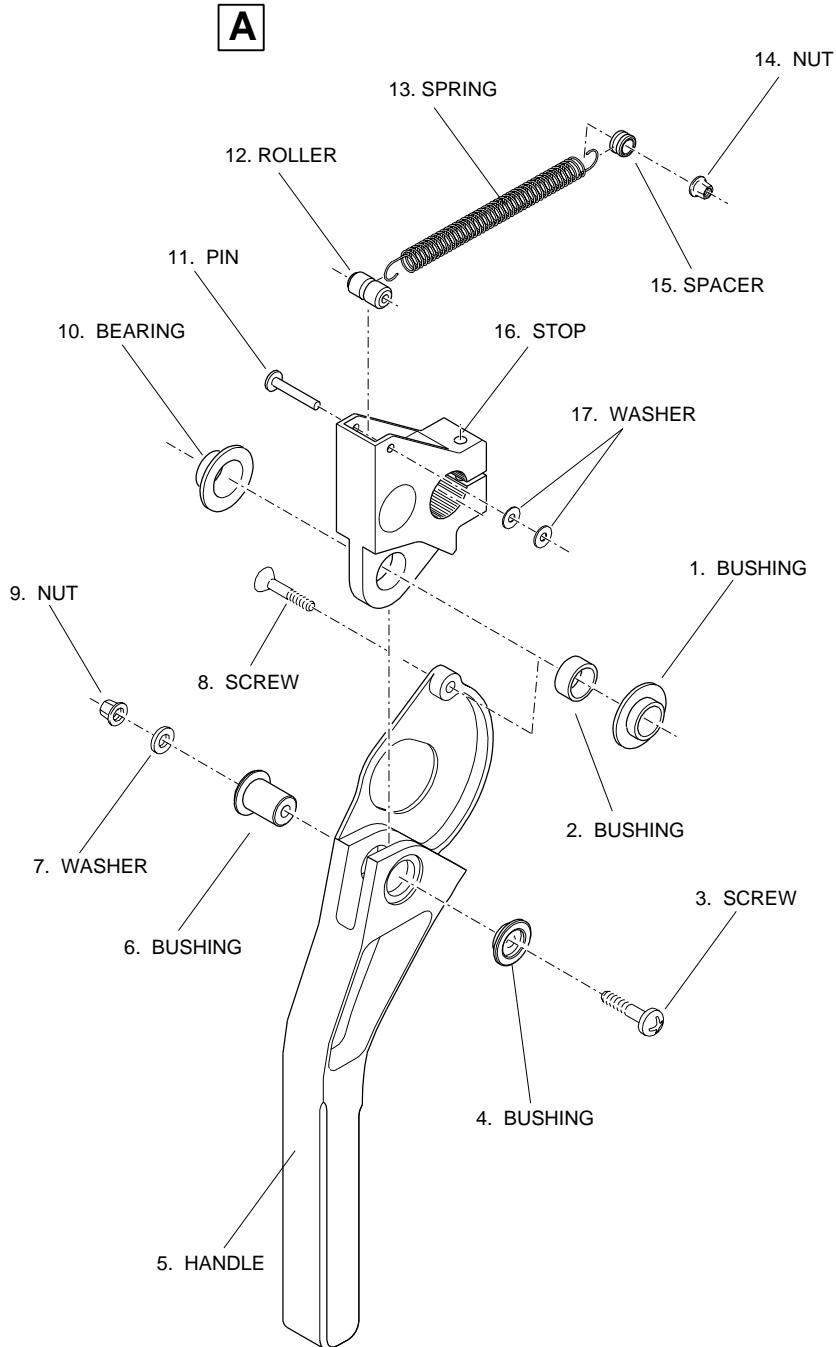


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EFFECTIVITY: ALL

Internal Actuating Handle - Removal/Installation

Figure 401 - Sheet 2



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TASK 52-43-05-400-801-A

EFFECTIVITY: ALL

3. SERVICE DOOR INTERNAL ACTUATING HANDLE - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the internal actuating handle of the service door.

B. References

REFERENCE	DESIGNATION
AMM SDS 52-43-00/1	
AMM TASK 52-43-06-700-801-A/500	SERVICE-DOOR ACTUATING AND LOCKING MECHANISM - FUNCTIONAL CHECK

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
821		Service door

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the service 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	Service door

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) If applicable, assemble the internal handle as follows (Sheet 2 of (Figure 401)):
- Attach the spring (13) to the roller (12).
 - Position the roller (12) on the stop (16), install the pin (11), and install the two washers (17).



- (c) Install the bushing (2) on the stop (16).
 - (d) Install the bearing (10) and the bushing (1) on the handle (5).
 - (e) Position the stop on the handle (5), then install the bushings (4) and (6), the screw (3), the washer (7), and the nut (9).
 - (f) Install the screw (8), the spacer (15) and the nut (14).
- (2) Install the spacer (6) on the torque tube (Sheet 1 of (Figure 401).
 - (3) Install the handle (5) on the torque tube.
 - (4) Install the bolt (1), the washer (3), and the nut (4).
 - (5) Attach the spring (7) to the nut (2).

J. Follow-on

SUBTASK 842-002-A

- (1) Do a functional check of the service door ([AMM TASK 52-43-06-700-801-A/500](#)).
- (2) Close the service door ([AMM SDS 52-43-00/1](#)).

