

SIDE-HINGED MAIN-DOOR INTERNAL ACTUATING HANDLE - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH SIDE-HINGED MAIN DOOR

1. General

- A. This section gives the procedures to remove and install the internal actuating handle of the main 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
52-18-05-000-801-A	SIDE-HINGED MAIN-DOOR INTERNAL ACTUATING HANDLE - REMOVAL	AIRCRAFT WITH SIDE-HINGED MAIN DOOR
52-18-05-400-801-A	SIDE-HINGED MAIN-DOOR INTERNAL ACTUATING HANDLE - INSTALLATION	AIRCRAFT WITH SIDE-HINGED MAIN DOOR

TASK 52-18-05-000-801-A

EFFECTIVITY: AIRCRAFT WITH SIDE-HINGED MAIN DOOR

2. SIDE-HINGED MAIN-DOOR INTERNAL ACTUATING HANDLE - REMOVAL

A. General

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

B. References

REFERENCE	DESIGNATION
AMM SDS 52-18-00/1	
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 get 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 841-002-A

- (1) Open the side-hinged main door ([AMM SDS 52-18-00/1](#)).
- (2) Remove the side-hinged main door lining panels ([AMM TASK 25-23-04-000-801-A/400](#)).

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

SUBTASK 020-002-A

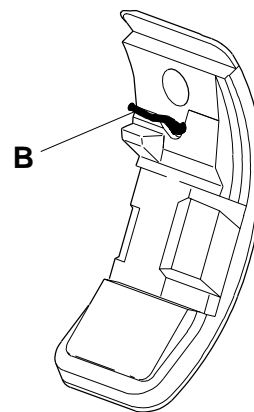
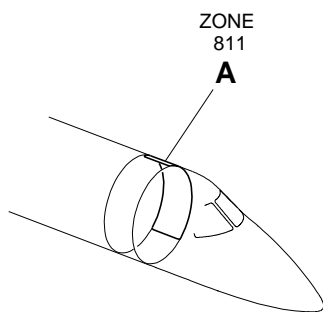
CAUTION: MAKE SURE THAT YOU KNOW THE CORRECT INSTALLATION POSITION OF THE HANDLE BEFORE ITS REMOVAL.

- (1) Remove the nut (19), washer (20), and bolt (21).
- (2) Remove the actuating handle (22) from its torque tube (ref.).
- (3) If necessary, disassemble the internal handle as follows:
 - (a) Remove the cotter pin (2), washer (1) and slowly loosen the pin (18) to remove the spring (17) from the internal handle.
 - (b) Remove the nut (10), and bushings (11) and (15) to remove the internal handle stop (5) from the internal handle (13).
 - (c) If applicable, remove the cotter pin (7), washer (8), and pin (3) from the internal handle stop (5).
 - (d) If necessary, remove the bushings (4) and (6) from the internal handle stop (5).
 - (e) If necessary, remove the bushings (14) and (12) from the internal handle (13).

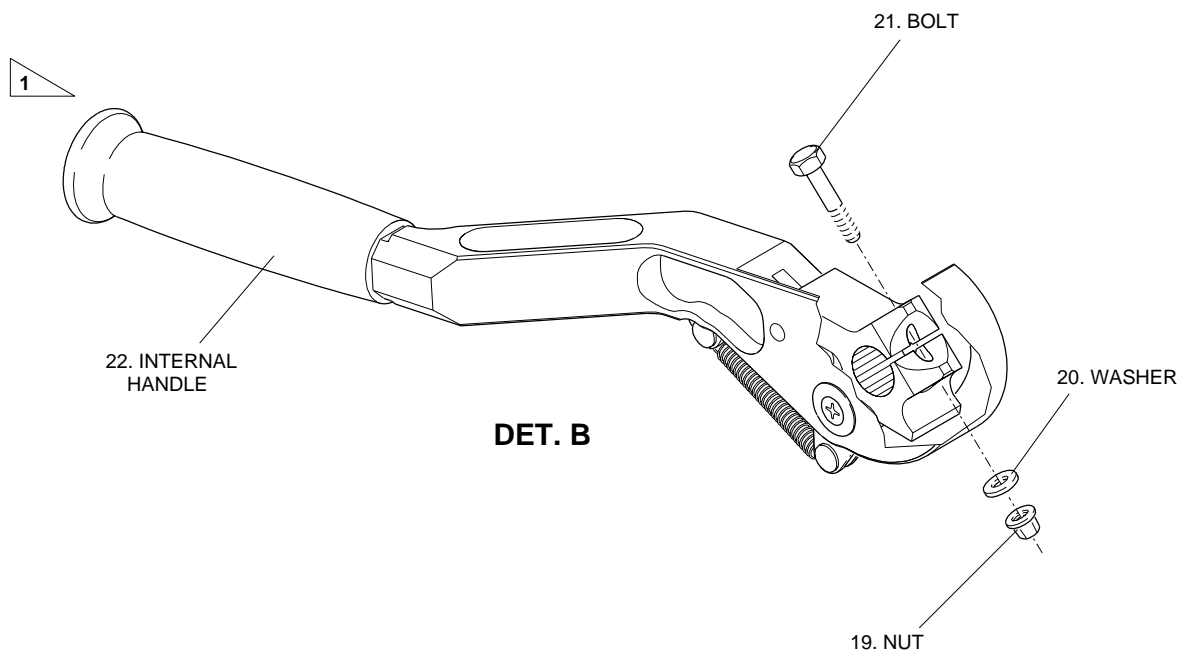
EFFECTIVITY: AIRCRAFT WITH SIDE-HINGED MAIN DOOR

Internal Actuating Handle - Removal/Installation

Figure 401 - Sheet 1



DET. A



DET. B

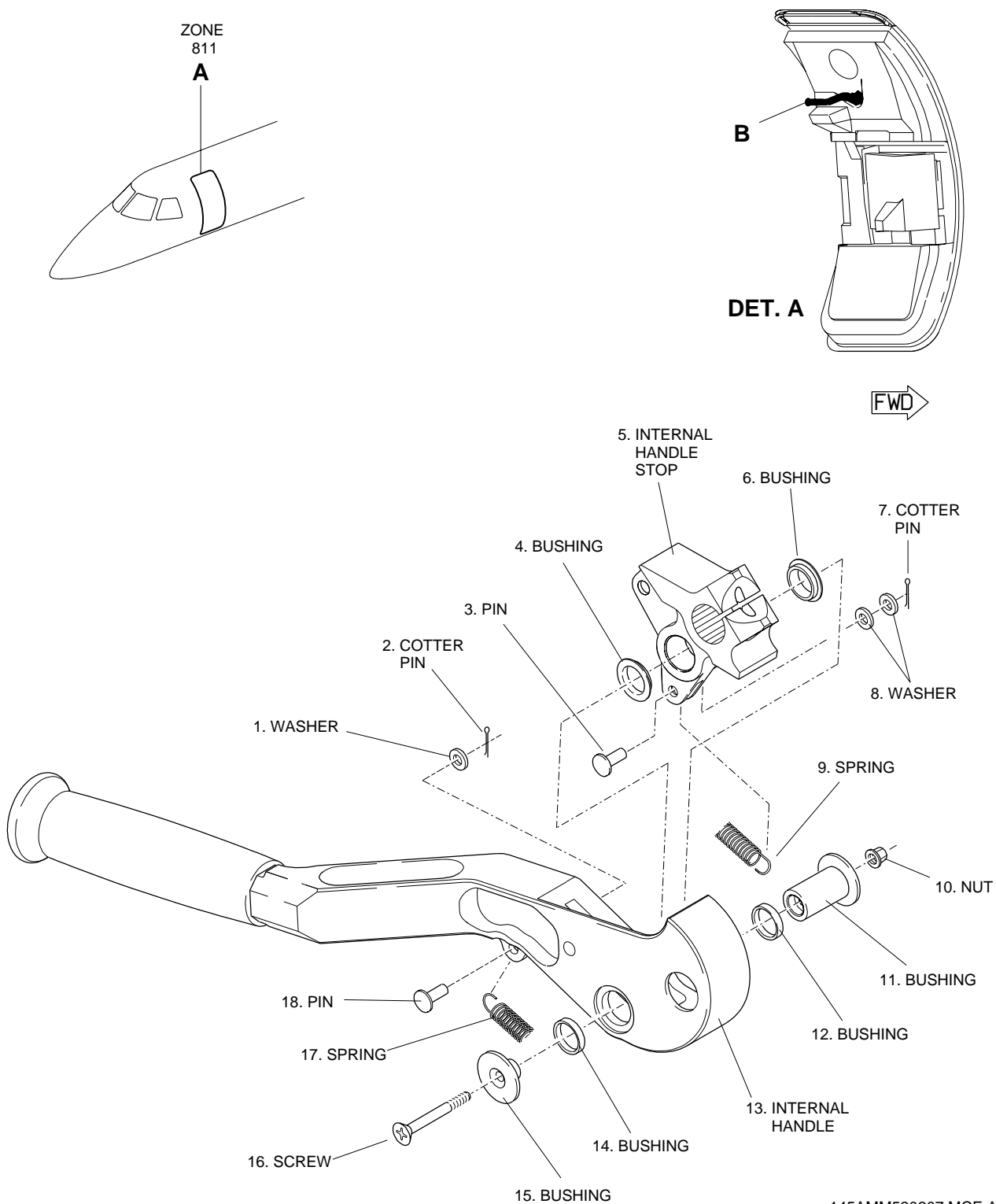
1 MAKE SURE THAT YOU KNOW THE CORRECT
INSTALLATION POSITION OF THE HANDLE
BEFORE ITS REMOVAL

145AMM520231.MCE A

EFFECTIVITY: AIRCRAFT WITH SIDE-HINGED MAIN DOOR

Internal Actuating Handle - Removal/Installation

Figure 401 - Sheet 2



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TASK 52-18-05-400-801-A

EFFECTIVITY: AIRCRAFT WITH SIDE-HINGED MAIN DOOR

3. SIDE-HINGED MAIN-DOOR INTERNAL ACTUATING HANDLE - INSTALLATION

A. General

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

B. References

REFERENCE	DESIGNATION
AMM SDS 52-18-00/1	
AMM TASK 25-23-04-000-801-A/400	MAIN-DOOR LINING PANEL - REMOVAL
AMM TASK 52-18-00-820-801-A/500	MAIN-DOOR INTERNAL ACTUATING HANDLE - TEST

C. Zones and Accesses

Not Applicable

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. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the internal handle on the shaft of the internal handle.
- (2) Install the bolt (21), washer (19), and nut (20) to attach the internal handle.
- (3) If the internal handle was disassembled, assemble it as follows:
 - (a) Put the internal handle stop (5) on the internal handle (13).
 - (b) Install the screw (16), bushings (11) and (15), and nut (10) to attach the internal handle (13) and internal handle stop (5).

- (c) Slowly put the pin (18) in position to install the spring (17).
- (d) Install the washer (1) and cotter pin (2).

J. Follow-on

SUBTASK 842-002-A

- (1) Do an functional check of the side-hinged main door ([AMM TASK 52-18-00-820-801-A/500](#)).
- (2) Install the side-hinged main door lining panels ([AMM TASK 25-23-04-000-801-A/400](#)).
- (3) Close the side-hinged main door ([AMM SDS 52-18-00/1](#)).

