



## AIRCRAFT MAINTENANCE MANUAL

### MAIN-DOOR INTERNAL ACTUATING HANDLE - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH AIRSTAIRS 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
52-11-01-000-801-A	MAIN DOOR INTERNAL ACTUATING-HANDLE - REMOVAL	AIRCRAFT WITH AIR-STAIRS DOOR
52-11-01-400-801-A	MAIN DOOR INTERNAL ACTUATING-HANDLE - INSTALLATION	AIRCRAFT WITH AIR-STAIRS DOOR



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TASK 52-11-01-000-801-A

EFFECTIVITY: AIRCRAFT WITH AIRSTAIRS DOOR

2. MAIN DOOR INTERNAL ACTUATING-HANDLE - REMOVAL

A. General

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

B. References

REFERENCE	DESIGNATION
AMM SDS 52-10-00/1	

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

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

I. Preparation

SUBTASK 841-002-A

- (1) Open the main door ([AMM SDS 52-10-00/1](#)).

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 cotter pin (19), washer (20) and slowly loosen the pin (5) to remove the spring (1) from the internal handle (6).
- (2) Remove the cotter pin (14), washer (15), and pin (7) from the internal handle stop (9).



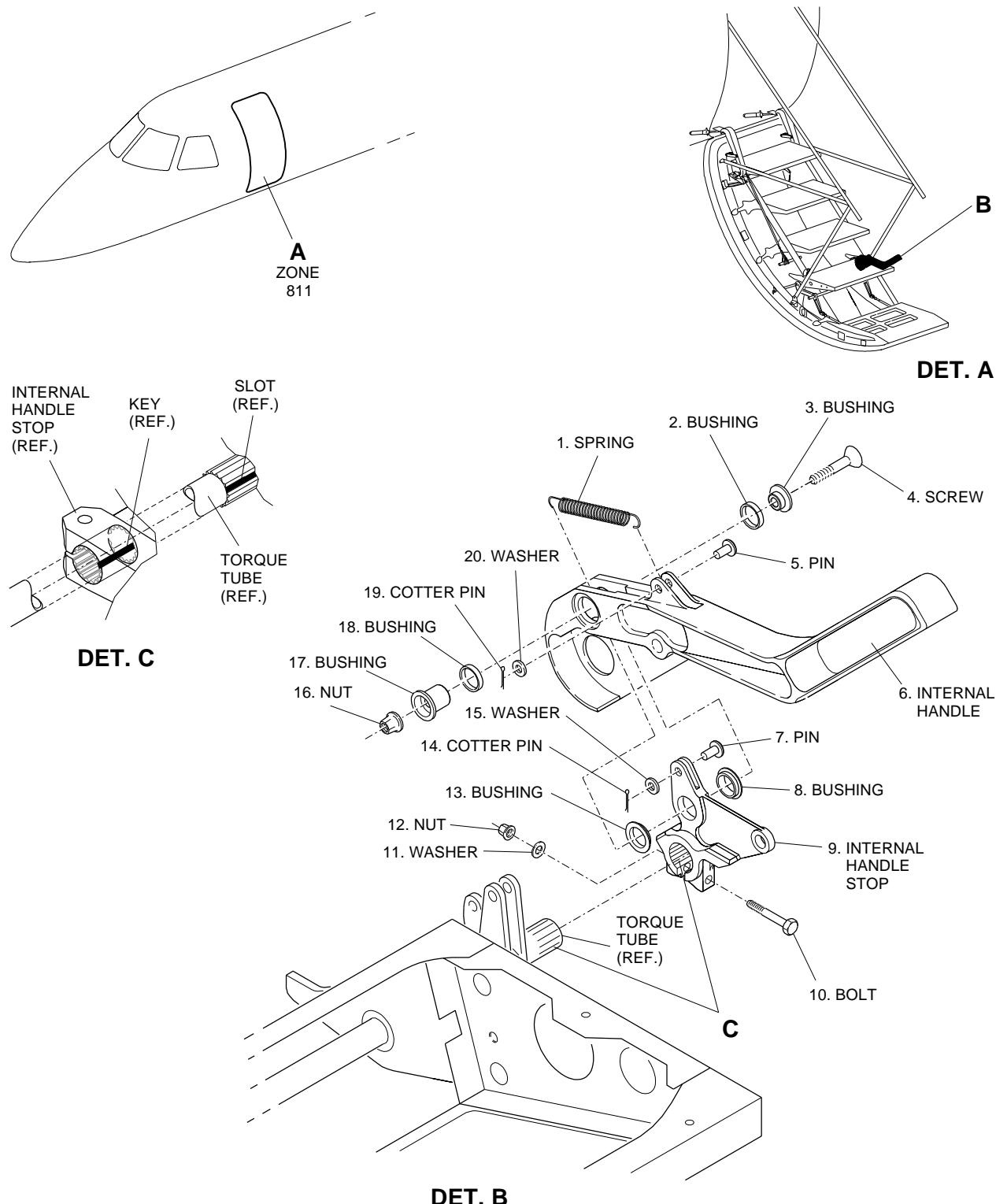
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- (3) Remove the spring (1).
- (4) Remove the nut (16), screw (4), and bushings (3) and (17) to remove the internal handle (6) from the internal handle stop (9).
- (5) If necessary, remove the bushings (8) and (13) from the internal handle stop (9).
- (6) If necessary, remove the bushings (2) and (18) from the internal handle (6).
- (7) Remove the nut (12), washer (11), and bolt (10).
- (8) Remove the internal handle stop (9) from the torque tube at the main door.

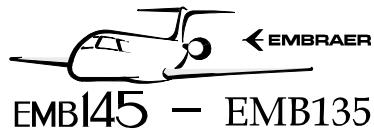
**EFFECTIVITY: AIRCRAFT WITH AIRSTAIRS DOOR**

Internal Actuating-Handle - Removal/Installation

Figure 401



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EFFECTIVITY: AIRCRAFT WITH AIRSTAIRS DOOR

3. MAIN DOOR INTERNAL ACTUATING HANDLE - INSTALLATION

A. General

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

B. References

REFERENCE	DESIGNATION
AMM SDS 52-10-00/1	
AMM TASK 52-10-01-820-804-A/500	MAIN-DOOR LOCKING-MECHANISM CAMS - TEST

C. Zones and Accesses

Not Applicable

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
1	Does the task	Main door

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the internal handle stop (9) on the torque tube at the main door.
- (2) Install the bolt (10), washer (11), and nut (12).
- (3) If necessary, install the bushings (8) and (13) on the internal handle stop (9).
- (4) If necessary, install the bushings (2) and (18) on the internal handle (6).
- (5) Put the internal handle (6) on the internal handle stop (9).
- (6) Install the bushings (3) and (17), screw (4), and nut (16) to attach the internal handle (6) on the internal handle stop (9).
- (7) Slowly put the pin (5) in position to install the spring (1).
- (8) Install the washer (20) and cotter pin (19).



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(9) Slowly put the pin (7) in position to install the spring (1).

(10) Install the washer (15) and cotter pin (14).

J. Follow-on

SUBTASK 842-002-A

**CAUTION: MAKE SURE THAT THE KEY ON THE TORQUE TUBE FITS THE SLOT ON THE SHAFT. IF YOU DO NOT OBEY THIS PRECAUTION, DAMAGE TO THE TORQUE TUBE SPLINES CAN OCCUR (FIGURE 401, DET. C).**

- (1) Do an operational check of the main-door locking-mechanism cams. Refer to ([AMM TASK 52-10-01-820-804-A/500](#)).
- (2) Remove the workstand.
- (3) Close the main door ([AMM SDS 52-10-00/1](#)).