

## MAIN-DOOR STEP FOLD-OUT BACKSTOP - REMOVAL/INSTALLATION

*EFFECTIVITY: AIRCRAFT WITH AIRSTAIRS DOOR*

### 1. General

- A. This section gives the procedures to remove and install the step fold-out backstop attached to the fuselage, on the main door rear frame, above the floor panel.
- 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
52-13-02-000-801-A	MAIN DOOR STEP FOLD-OUT BACK-STOP - REMOVAL	AIRCRAFT WITH AIR-STAIRS DOOR
52-13-02-400-801-A	MAIN DOOR STEP FOLD-OUT BACK-STOP - INSTALLATION	AIRCRAFT WITH AIR-STAIRS DOOR

TASK 52-13-02-000-801-A

*EFFECTIVITY: AIRCRAFT WITH AIRSTAIRS DOOR*

## 2. MAIN DOOR STEP FOLD-OUT BACKSTOP - REMOVAL

### A. General

(1) This task gives the procedures to remove the step fold-out backstop.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM SDS 52-10-00/1</a>	
AMM TASK 25-23-02-000-801-A/400	-
AMM TASK 25-23-02-000-802-A/400	-
AMM TASK 25-26-03-000-801-A/400	-
AMM TASK 25-26-04-000-801-A/400	-
AMM TASK 25-26-04-000-803-A/400	-
AMM TASK 25-26-04-000-804-A/400	-
AMM TASK 25-27-04-000-801-A/400	-
AMM TASK 25-30-07-000-801-A/400	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
231		Passenger cabin, LH
811		Main door

### D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench	To remove the bolts	

### E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Protective Gloves	For protection of technician's hands	1
Commercially available	Safety Goggles	For protection of technician's eyes	1

### F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
ASTM-D-740	Methyl Ethyl Ketone - MEK	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the main door

I. Preparation (Figure 401)

*SUBTASK 841-002-A*

- (1) Open the main door (AMM SDS 52-10-00/1).
- (2) Remove the emergency equipment stowage unit (AMM TASK 25-26-03-000-801-A/400, if applicable) or the LH wardrobe (AMM TASK 25-26-04-000-801-A/400) or (AMM TASK 25-26-04-000-803-A/400) or (AMM TASK 25-26-04-000-804-A/400) or the windscreen (AMM TASK 25-27-04-000-801-A/400, if applicable) or the LH galley (AMM TASK 25-30-07-000-801-A/400), as applicable.
- (3) Remove the first skirting lining panel (11), the one near the main door (AMM TASK 25-23-02-000-801-A/400 or AMM TASK 25-23-02-000-802-A/400), as applicable.

J. Removal (Figure 401)

*SUBTASK 020-002-A*

- (1) Pull the thermoacoustic blanket (12) to access the bolts (6).
- (2) Remove the nuts (9) (3 positions), washers (8) and (7) (3 positions), the shims (10) and bolts (6) (3 positions).
- (3) Remove the step fold-out backstop (13).
- (4) If necessary, remove the roller (2), as follows:
  - (a) Remove the cotter pin (5), nut (4), washer (3) and the screw (1).
  - (b) Remove the roller (2).

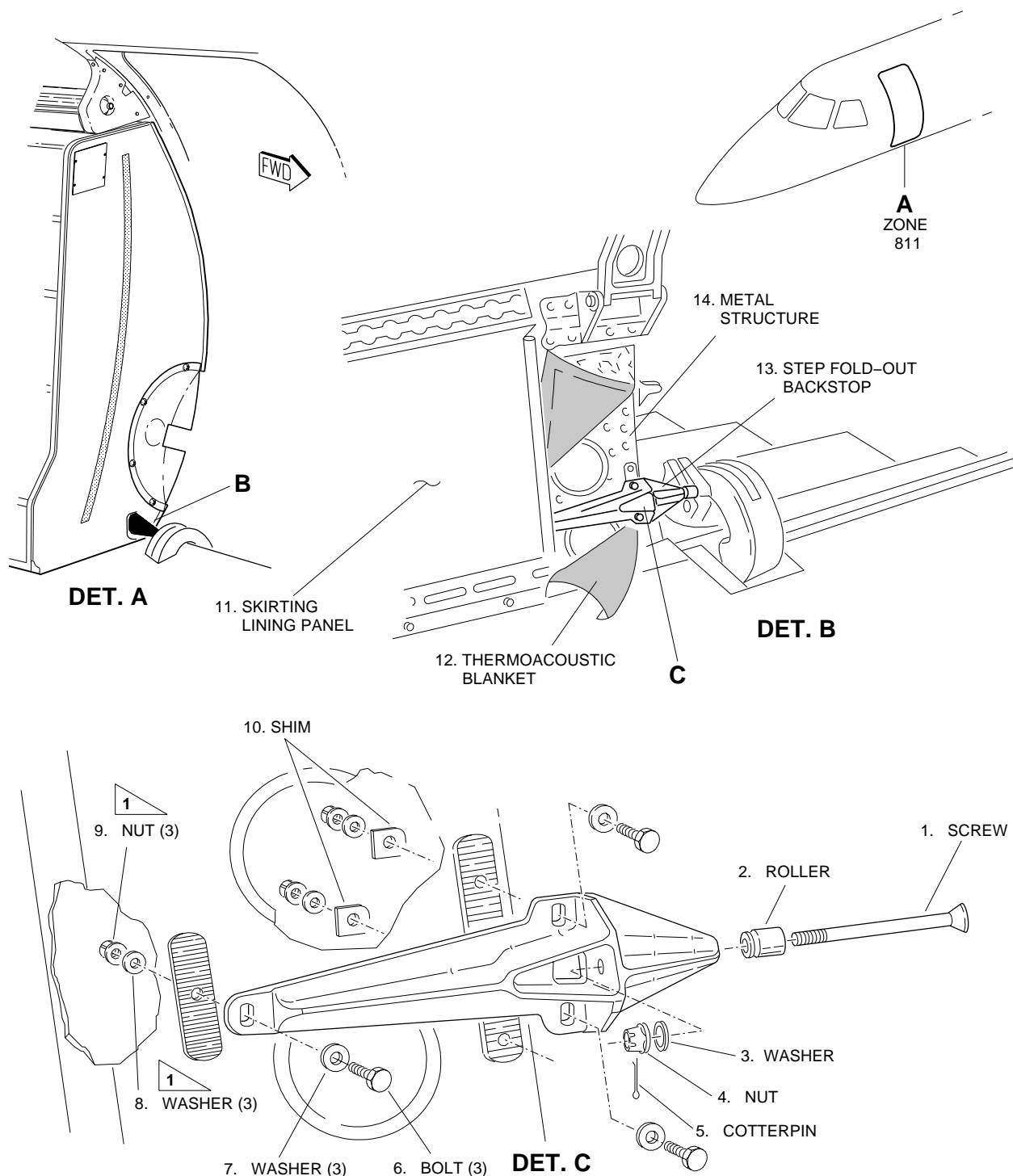
**WARNING: BE CAREFUL WHEN YOU USE SOLVENTS BECAUSE THEY ARE A HEALTH AND FIRE HAZARD. USE SAFETY GOGGLES AND PROTECTIVE CLOTHING WHEN YOU HANDLE THEM. DO NOT BREATHE THEIR GASES AND WORK IN A WELL VENTILATED AREA.**

- (5) With a cloth soaked in MEK, clean the surface.

**EFFECTIVITY: AIRCRAFT WITH AIRSTAIRS DOOR**

**Step Fold-out Backstop - Removal/Installation**

**Figure 401**



EM145AMM520359A.DGN

TASK 52-13-02-400-801-A

EFFECTIVITY: AIRCRAFT WITH AIRSTAIRS DOOR

3. MAIN DOOR STEP FOLD-OUT BACKSTOP - INSTALLATION

A. General

(1) This task gives the procedures to install the step fold-out backstop.

B. References

REFERENCE	DESIGNATION
<a href="#">AMM SDS 52-10-00/1</a>	
AMM TASK 25-23-02-400-801-A/400	-
AMM TASK 25-23-02-400-802-A/400	-
AMM TASK 25-26-03-400-801-A/400	-
AMM TASK 25-26-04-400-801-A/400	-
AMM TASK 25-26-04-400-804-A/400	-
AMM TASK 25-27-04-400-801-A/400	-
AMM TASK 25-30-07-400-801-A/400	-
<a href="#">AMM TASK 52-10-01-820-802-A/500</a>	MAIN-DOOR STEP ACTUATING MECHANISM - ADJUSTMENT
IPC 53-21-00	CENTRAL I
TASK 25-24-04-400-803-A	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
231		Passenger cabin, LH
811		Main door

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench	To tighten the screws	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Protective Gloves	For protection of technician's hands	1
Commercially available	Safety Goggles	For protection of technician's eyes	1

**F. Consumable Materials**

<i>SPECIFICATION (BRAND)</i>	<i>DESCRIPTION</i>	<i>QTY</i>
MIL-S-81733 TYPE IV-12	Sealant P/S 870C-12	AR

**G. Expendable Parts**

<i>ITEM</i>	<i>IPC REFERENCE (VENDOR REFERENCE)</i>	<i>QTY</i>
Central I	IPC 53-21-00	1

**H. Persons Recommended**

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	On the main door

**I. Installation (Figure 401)**

**SUBTASK 420-002-A**

- (1) If the roller (2) was removed, install it as follows:
  - (a) Put the roller on the backstop.
  - (b) Install the screw (1), washer (3), nut (4) and the cotter pin (5).
- (2) Put the step fold-out backstop (13) in the correct position.
- (3) Install the bolts (6) (3 positions), washers (7) (3 positions) and (8) (3 positions), the shims (10) and nuts (9) (3 positions).
- (4) Put the thermoacoustic blanket (12) in its correct position.

**J. Follow-on**

**SUBTASK 842-002-A**

- (1) Check for the correct adjustment of step fold-out backstop ( [AMM TASK 52-10-01-820-802-A/500](#)).
- (2) Install the first skirting lining panel (10), the one near the main door (AMM TASK 25-23-02-400-801-A/400 or AMM TASK 25-23-02-400-802-A/400), as applicable.
- (3) Install the emergency equipment stowage unit (AMM TASK 25-26-03-400-801-A/400, if applicable) or the LH wardrobe (AMM TASK 25-26-04-400-801-A/400 or TASK 25-24-04-400-803-A or AMM TASK 25-26-04-400-804-A/400) or the windscreen (AMM TASK 25-27-04-400-801-A/400, if applicable) or the LH galley (AMM TASK 25-30-07-400-801-A/400), as applicable.
- (4) Close the main door ([AMM SDS 52-10-00/1](#)).