

PASSENGER-CABIN ESCAPE HATCH STOP - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the passenger-cabin escape hatch stop.
- 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
53-23-03-000-801-A	ESCAPE HATCH STOP - REMOVAL	ALL
53-23-03-400-801-A	ESCAPE HATCH STOP - INSTALLATION	ALL

TASK 53-23-03-000-801-A

EFFECTIVITY: ALL

2. ESCAPE HATCH STOP - REMOVAL

A. General

(1) This procedure gives the instructions to remove the passenger-cabin escape hatch stop.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-22-01-000-801-A/400	-
AMM TASK 25-22-02-000-801-A/400	-
AMM TASK 25-23-08-000-801-A/400	ESCAPE-HATCH TRIM SHROUD - REMOVAL
AMM TASK 52-21-00-000-801-A/400	PASSENGER-CABIN ESCAPE HATCHES - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
812		LH Passenger-cabin escape hatch
822		RH Passenger-cabin escape hatch

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

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the escape hatch door, RH/LH

I. Preparation

SUBTASK 841-004-A

- (1) Remove the passenger-cabin escape hatch ([AMM TASK 52-21-00-000-801-A/400](#)).
- (2) Remove the escape-hatch trim shroud ([AMM TASK 25-23-08-000-801-A/400](#)).
- (3) Remove the passenger service unit (PSU):
 - For RH PSU (AMM TASK 25-22-02-000-801-A/400).
 - For LH PSU (AMM TASK 25-22-01-000-801-A/400).

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

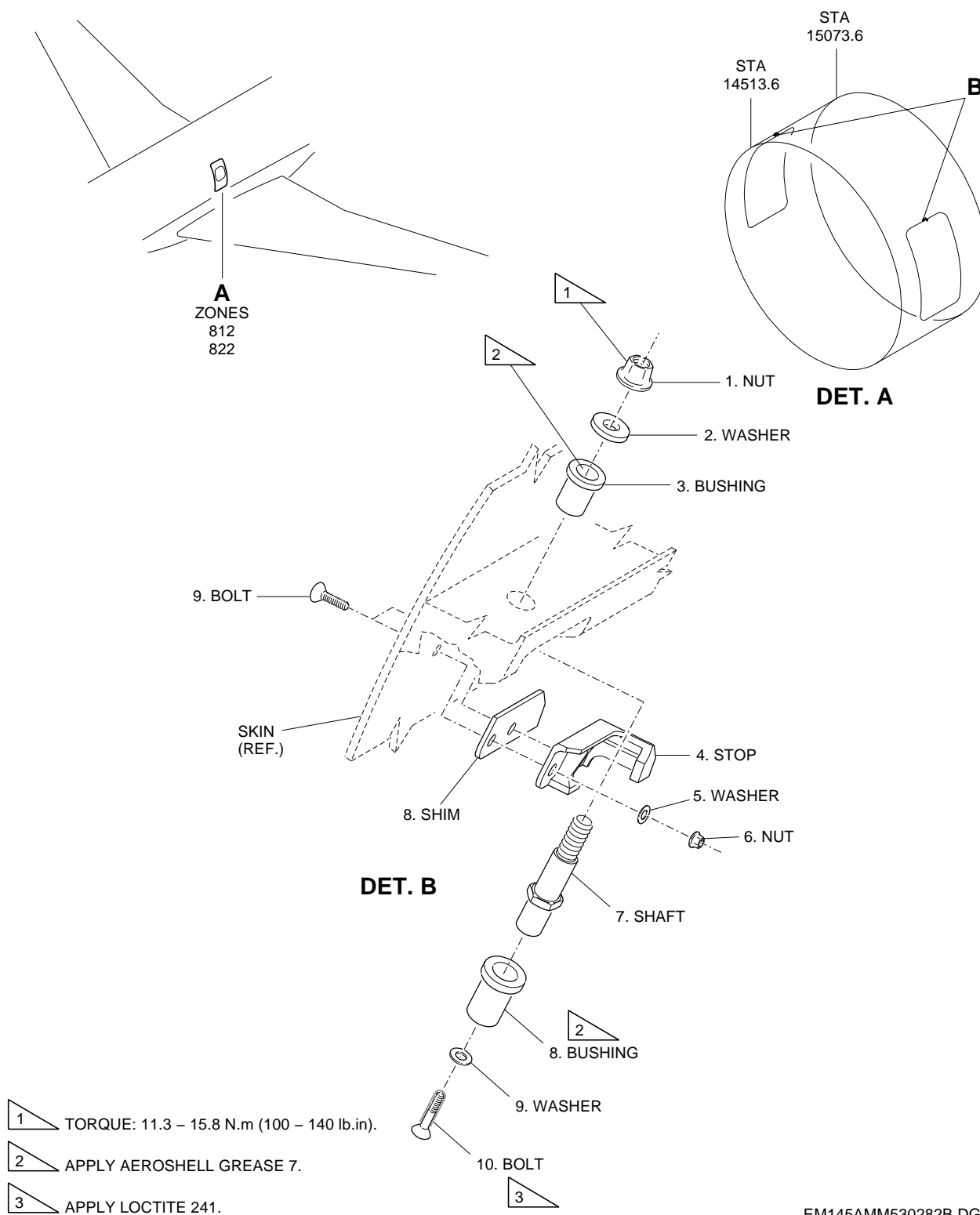
SUBTASK 020-004-A

- (1) Remove the nut (6), washer (5), and bolt (12).
- (2) Remove the stop (4) and the shim (11).
- (3) Remove the shaft (7) as follows:
 - (a) Remove the nut (1), washer (2), and shaft (7).
 - (b) Remove the bushing (3).
 - (c) Remove the bolt (10).
 - (d) Remove the washer (9).
 - (e) Remove the bushing (8).

EFFECTIVITY: ALL

Passenger-Cabin Escape Hatch Stop

Figure 401



EM145AMM530282B.DGN

TASK 53-23-03-400-801-A
EFFECTIVITY: ALL

3. ESCAPE HATCH STOP - INSTALLATION

A. General

(1) This procedure gives the instructions to install the passenger-cabin escape hatch stop.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-22-01-400-801-A/400	-
AMM TASK 25-22-02-400-801-A/400	-
AMM TASK 25-23-08-400-801-A/400	ESCAPE-HATCH TRIM SHROUD - INSTALLATION
AMM TASK 52-21-00-400-801-A/400	PASSENGER-CABIN ESCAPE HATCHES - INSTALLATION
IPC 53-23-00	CENTRAL III

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
812		LH Passenger-cabin escape hatch
822		RH Passenger-cabin escape hatch

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

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-PRF-23827	Aeroshell Grease 7	AR
ASTM D 4080	Thrichloethylene Solvent	AR
MEP09-005	Anaerobic Adhesive - Type II (Loctite 241)	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Central III	IPC 53-23-00	AR

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the escape hatch door, RH/LH

I. Installation (Figure 401)

SUBTASK 420-004-A

- (1) Clean the parts and the applicable area with the thrichloethylene solvent.
- (2) Install the shaft (7) as follows:
 - (a) Apply Aeroshell Grease 7 to the bushing (8), and soak the bolt (10) with Loctite 241.
 - (b) Install the bushing (8), washer (9), and (10).
 - (c) Apply Aeroshell Grease 7 to the bushing (3) and install it.
 - (d) Put the shaft (7) into the bushing (3).
 - (e) Install the washer (2) and the nut (1).
 - (f) Tighten the nut (1) to 11.3 - 15.8 N.m (100 - 140 lb.in).
- (3) Put the shim (11) and the stop (4) in position against the fuselage.
- (4) Install the bolt (12), washer (5), and nut (6).

J. Follow-on

SUBTASK 842-004-A

- (1) Install the passenger service unit (PSU):
 - For RH PSU (AMM TASK 25-22-02-400-801-A/400).
 - For LH PSU (AMM TASK 25-22-01-400-801-A/400).
- (2) Instal the escape-hatch trim shroud ([AMM TASK 25-23-08-400-801-A/400](#)).
- (3) Install the passenger-cabin escape hatch ([AMM TASK 52-21-00-400-801-A/400](#)).