



AIRCRAFT MAINTENANCE MANUAL

MAIN-DOOR FRAME STOP AND HANDRAIL SUPPORT - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to remove and install the Main-Door Frame Stop and Handrail Support.
- 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
53-21-03-000-801-A	MAIN-DOOR FRAME STOP AND HAND-RAIL SUPPORT - REMOVAL	ALL
53-21-03-400-801-A	MAIN-DOOR FRAME STOP AND HAND-RAIL SUPPORT - INSTALLATION	ALL



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TASK 53-21-03-000-801-A

EFFECTIVITY: ALL

2. MAIN-DOOR FRAME STOP AND HANDRAIL SUPPORT - REMOVAL

A. General

(1) This task gives the instructions to remove the Main-Door Frame Stop and Handrail Support.

B. References

REFERENCE	DESIGNATION
AMM SDS 52-10-00/1	
AMM SDS 52-18-00/1	
AMM TASK 25-21-02-000-801-A/400	FLIGHT ATTENDANT SEAT - REMOVAL
AMM TASK 25-22-01-000-801-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	-
TASK 25-26-04-000-802-A	-
TASK 25-26-04-000-805-A	-

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	Left center fuselage I



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I. Preparation

SUBTASK 841-003-A

- (1) Open the airstairs main door ([AMM SDS 52-10-00/1](#)) or the side-hinged main door ([AMM SDS 52-18-00/1](#)).
- (2) Remove the flight attendant seat ([AMM TASK 25-21-02-000-801-A/400](#)) or windscreens ([AMM TASK 25-27-04-000-801-A/400](#)) or emergency-equipment stowage unit ([AMM TASK 25-26-03-000-801-A/400](#)) or LH wardrobe ([AMM TASK 25-26-04-000-801-A/400](#)) or (TASK 25-26-04-000-802-A) or (AMM TASK 25-26-04-000-803-A/400) or (AMM TASK 25-26-04-000-804-A/400) or (TASK 25-26-04-000-805-A) or LH galley ([AMM TASK 25-30-07-000-801-A/400](#)) or LH PSU-Structure Module I ([AMM TASK 25-22-01-000-801-A/400](#)), as applicable.

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

SUBTASK 020-003-A

- (1) Remove the screws (1) and (2), nuts (4) and (5), and washers (3) and (6) from the handrail support. Discard the nuts.

NOTE: Screws are different in size. Write down their positions.

- (2) Remove the handrail support.

- (3) Remove the screws (7) and (8), nuts (10) and (11), and washers (9) and (12) from the stop. Discard the nuts.

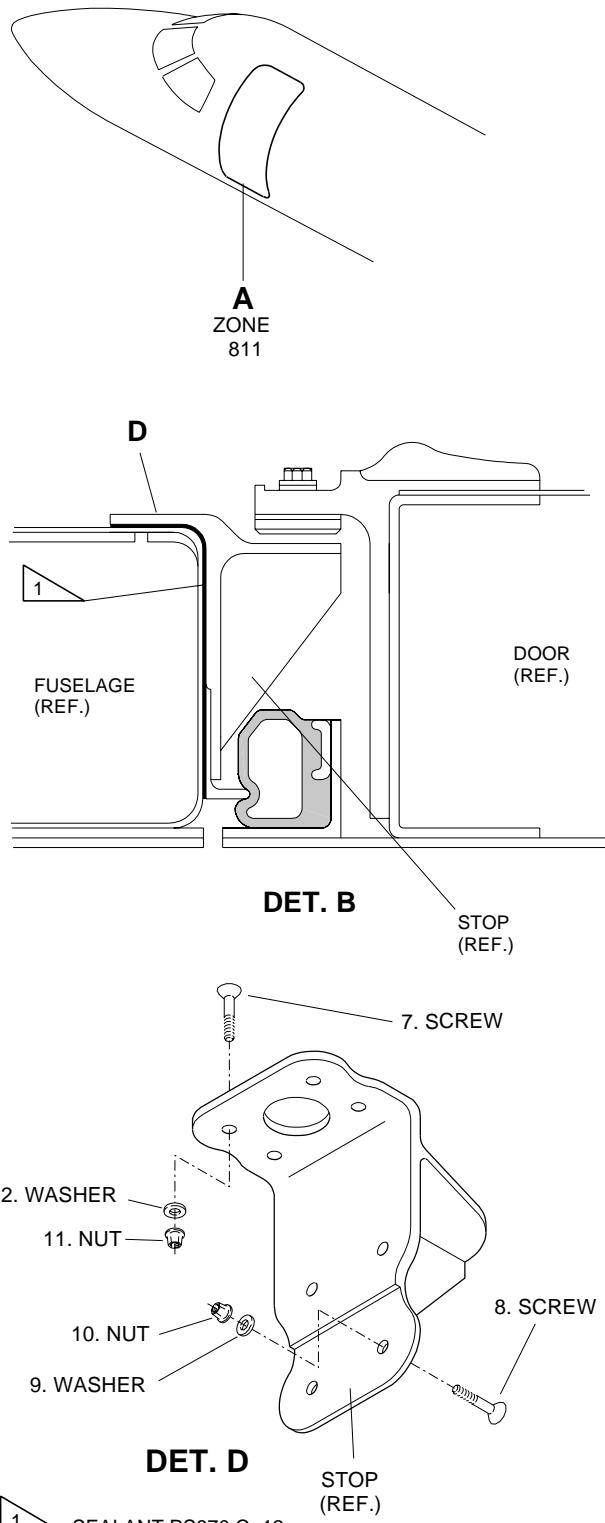
NOTE: Screws are different in size. Write down their positions.

- (4) Remove the stop.

EFFECTIVITY: ALL

Main-Door Frame Stop and Handrail Support - Removal/Installation

Figure 401



1 SEALANT PS870 C-12.

EM145AMM530326A.DGN

TASK 53-21-03-400-801-A
EFFECTIVITY: ALL
3. MAIN-DOOR FRAME STOP AND HANDRAIL SUPPORT - INSTALLATION
A. General

(1) This task gives the instructions to install the Main-Door Frame Stop and Handrail Support.

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM SDS 52-10-00/1	
AMM SDS 52-18-00/1	
AMM TASK 25-21-02-400-801-A/400	FLIGHT ATTENDANT SEAT - INSTALLATION
AMM TASK 25-26-03-400-801-A/400	-
AMM TASK 25-26-04-400-801-A/400	-
AMM TASK 25-26-04-400-803-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	-
AMM TASK 52-10-01-820-809-A/500	MAIN DOOR STOPS - ADJUSTMENT
AMM TASK 52-18-00-820-808-A/500	MAIN DOOR STOPS - ADJUSTMENT
IPC 53-21-00	CENTRAL I
SRM 51-20-01/1	-
TASK 25-22-01-420-001-A	-
TASK 25-26-04-400-802-A	-
TASK 25-26-04-400-805-A	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

<i>SPECIFICATION (BRAND)</i>	<i>DESCRIPTION</i>	<i>QTY</i>
ASTM-D-740	Methyl-ethyl-ketone	AR
MIL-PRF-81733	Sealant PS870 C-12	AR



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G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Nut	IPC 53-21-00	80

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Left center fuselage I

I. Installation (Figure 401)

SUBTASK 400-003-A

WARNING: BE CAREFUL WHEN YOU USE THE METHYL-ETHYL-KETONE (MEK). PUT ON SAFETY GOGGLES, PROTECTIVE GLOVES AND CLOTHING. DO NOT BREATHE THE GAS. DO THE WORK IN AN AREA WHICH HAS A GOOD FLOW OF AIR. THE METHYL-ETHYL-KETONE (MEK) IS POISONOUS AND HIGHLY FLAMMABLE.

- (1) Clean the stop, handrail support and the installation area with Methyl-ethyl-ketone.
- (2) Apply interface sealant PS870 C-12 (SRM 51-20-01/1) to the faying surfaces of the stop, handrail support and the fuselage installation area. Seal the nut holes to prevent damage to the electrical bonding area caused by the sealant (Figure 401).
- (3) Install the screws (1) and (2), nuts (4) and (5), and washers (3) and (6) to attach the handrail support.

NOTE: Screws are different in size. Make sure that they are installed in the correct positions.

- (4) Install the screws (7) and (8), nuts (10) and (11), and washers (9) and (12) to attach the stop.

NOTE: Screws are different in size. Make sure that they are installed in the correct positions.

- (5) Remove the excess protective coat.

J. Follow-on

SUBTASK 842-003-A

- (1) Adjust the airstairs door stop ([AMM TASK 52-10-01-820-809-A/500](#)) or side-hinged door stop ([AMM TASK 52-18-00-820-808-A/500](#)).
- (2) Install the flight attendant seat ([AMM TASK 25-21-02-400-801-A/400](#)) or windscreens ([AMM TASK 25-27-04-400-801-A/400](#)) or emergency-equipment stowage unit ([AMM TASK 25-26-03-400-801-A/400](#)) or LH wardrobe ([AMM TASK 25-26-04-400-801-A/400](#)) or ([TASK 25-26-04-400-802-A](#)) or ([AMM TASK 25-26-04-400-803-A/400](#)) or ([AMM TASK 25-26-04-400-804-A/400](#)) or ([TASK 25-26-04-400-805-A](#)) or LH galley ([AMM TASK 25-30-07-400-801-A/400](#)) or LH PSU-Structure Module I ([TASK 25-22-01-420-001-A](#)), as applicable.



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- (3) Close the airstairs main door ([AMM SDS 52-10-00/1](#)) or side-hinged main door ([AMM SDS 52-18-00/1](#)).

