



AIRCRAFT MAINTENANCE MANUAL

SERVICE DOOR FRAME ROLLERS - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the service-door frame roller and its 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
53-21-12-000-801-A	SERVICE-DOOR FRAME ROLLER SUPPORT - REMOVAL	ALL
53-21-12-400-801-A	SERVICE-DOOR FRAME ROLLER SUPPORT - INSTALLATION	ALL



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TASK 53-21-12-000-801-A

EFFECTIVITY: ALL

2. SERVICE-DOOR FRAME ROLLER SUPPORT - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the service-door frame roller support.

B. References

REFERENCE	DESIGNATION
AMM SDS 52-43-00/1	

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	On the service-door frame roller support

I. Preparation

SUBTASK 841-002-A

- (1) Open the service door ([AMM SDS 52-43-00/1](#)).

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

SUBTASK 020-002-A

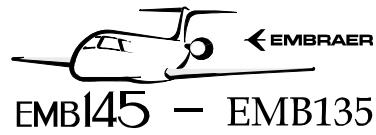
- (1) Put a mark on the service-door frame roller support against serrated plate.

NOTE: You must mark the position of each service-door frame roller support to make sure you install them in the same position.

- (2) Remove the bolt (3) and washer (2).

- (3) Remove the roller support (1).

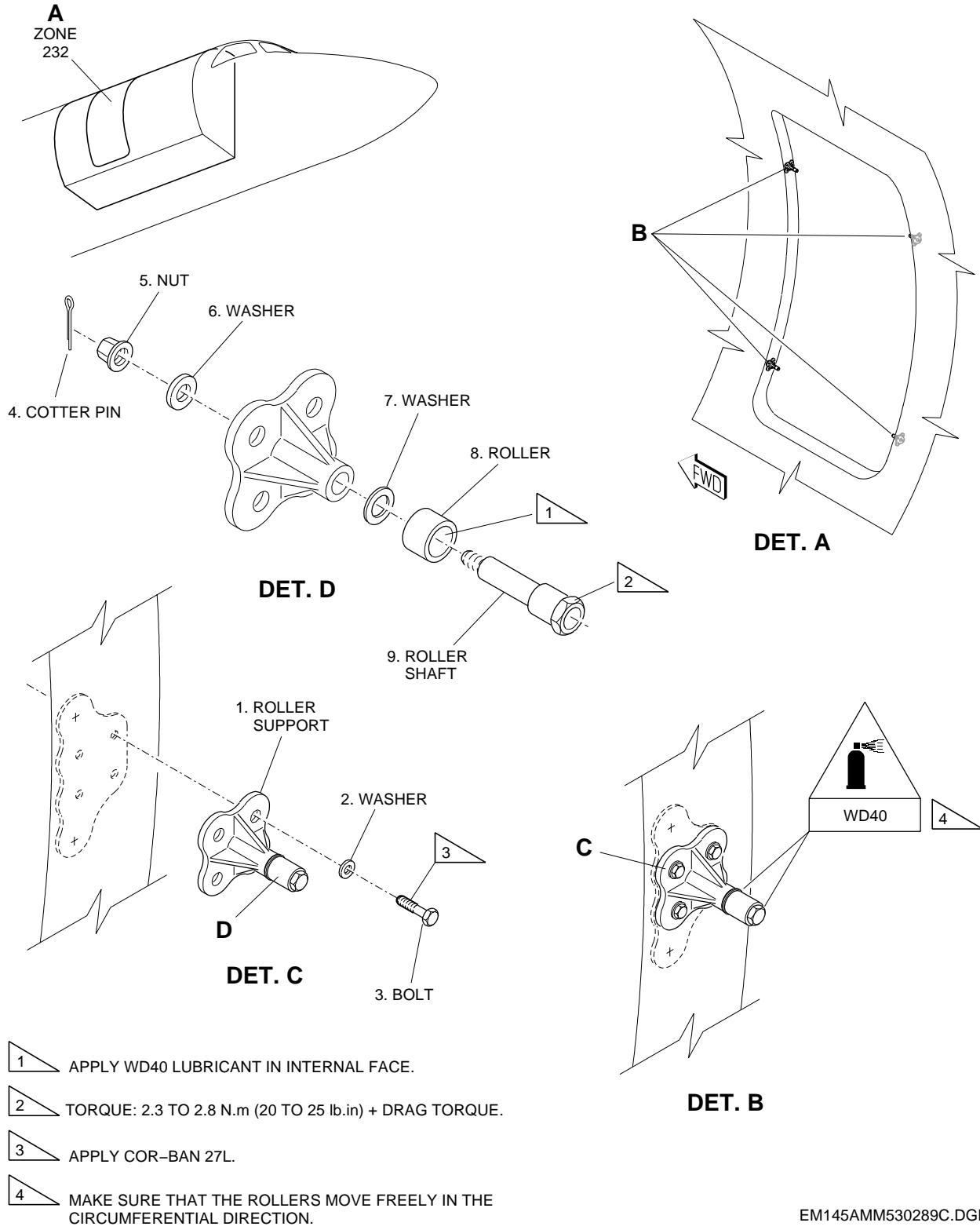
- (4) If applicable, remove the roller (8) as follows:



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- (a) Remove the cotter pin (4), nut (5), washers (6) and (7), roller (8), and shaft roller (9).

EFFECTIVITY: ALL
 Service-Door Frame Roller Support
 Figure 401



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TASK 53-21-12-400-801-A

EFFECTIVITY: ALL

3. SERVICE-DOOR FRAME ROLLER SUPPORT - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the service-door frame roller support.

B. References

REFERENCE	DESIGNATION
AMM SDS 52-43-00/1	
AMM TASK 52-43-06-700-801-A/500	SERVICE-DOOR ACTUATING AND LOCKING MECHANISM - FUNCTIONAL CHECK

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MEP09-075	Corrosion-Inhibiting Compound (COR-BAN 27L)	AR
MIL-C-16173, GR3	WD40 Lubricant	AR
ASTM D 4080	Trichloroethylene Solvent	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Service-Door Frame Roller Support

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Clean the parts and the applicable area with trichloroethylene solvent.
- (2) Lubricate the internal surface of the roller (8) and its support with WD40 spray lubricant.
- (3) Install the shaft roller (9) as follows:
 - (a) Install the shaft roller (9), roller (8), and washer (7) on the roller support (1).



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- (b) Install the washer (6), nut (5), and a new cotter pin (4).
 - (4) Install the roller support (1) as follows:
 - (a) Put the service-door frame roller support in position on the serrated plate and align it with the marks made during the removal.
- WARNING: COR-BAN 27L CORROSION-INHIBITING COMPOUND IS TOXIC TO SKIN, EYES, AND RESPIRATORY TRACT. USE GOGGLES AND PROTECTIVE GLOVES. USE ONLY IN WELL VENTILATED AREAS. OBEY THE MANUFACTURER'S HEALTH AND SAFETY INSTRUCTIONS.**
- (b) Install the bolt (3) and washer (2) (4 places) and apply COR-BAN 27L corrosion-inhibiting compound.
 - (c) Apply torque to the shaft roller (9) as shown in (Figure 401).
 - (d) Apply WD40 spray lubricant to the roller (8).
 - (e) Only adjust the rollers if roller support position has been compromised along with door operation open/close before dispatching aircraft. Refer to [AMM TASK 52-43-06-700-801-A/500](#).

J. Follow-on

SUBTASK 842-002-A

- (1) Make sure that the rollers move freely in the circumferential direction.
- (2) Close the service door ([AMM SDS 52-43-00/1](#)).