



## AIRCRAFT MAINTENANCE MANUAL

### SERVICE DOOR FRAME ROLLERS - SERVICING

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedure to lubricate the service-door frame rollers.
- B. There are four rollers at the service-door frame.
- C. 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
53-21-12-600-801-A ♦	SERVICE-DOOR FRAME ROLLERS - LUBRICATION	ALL

**TASK 53-21-12-600-801-A**
**EFFECTIVITY: ALL**
**2. SERVICE-DOOR FRAME ROLLERS - LUBRICATION**
**A. General**

- (1) This task gives the procedure to lubricate the service-door frame rollers.

**B. References**

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM SDS 52-43-00/1	
AMM TASK 53-21-12-000-801-A/400	SERVICE-DOOR FRAME ROLLER SUPPORT - REMOVAL
AMM TASK 53-21-12-400-801-A/400	SERVICE-DOOR FRAME ROLLER SUPPORT - INSTALLATION

**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>
MIL-C-16173,GR3	WD40 Lubricant	AR
ASTM-D-740	Methyl-Ethyl-Ketone (MEK) Solvent	AR

**G. Expandable Parts**

Not Applicable

**H. Persons Recommended**

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Service-door frame

**I. Preparation**
**SUBTASK 841-002-A**

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

**J. Lubricate Service Door Frame Rollers (Figure 301)**
**SUBTASK 640-002-A**

- (1) Remove the service door frame roller ([AMM TASK 53-21-12-000-801-A/400](#)).



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**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.**

- (2) Clean the internal roller surface and the roller support with methyl-ethyl-ketone (MEK) (ASTM-D-740) or similar solvent.
- (3) Lubricate the internal surface of the roller and its support with WD40 spray lubricant.
- (4) Install the service door frame roller ([AMM TASK 53-21-12-400-801-A/400](#)).
- (5) Lubricate the service door frame rollers with WD40 spray lubricant. Refer to (Figure 301); DET. B.

**NOTE:** After the lubrication, make sure that the rollers are free to move circumferentially.

K. Follow-on

SUBTASK 842-002-A

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

