



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

**MAIN-DOOR FRAME ROLLERS - SERVICING**

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedure to lubricate the main-door frame rollers.
- B. There are four rollers at the main-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
53-21-02-600-801-A ♦	MAIN-DOOR FRAME ROLLERS - LUBRIFICATION	ALL



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TASK 53-21-02-600-801-A

EFFECTIVITY: ALL

2. MAIN-DOOR FRAME ROLLERS - LUBRICATION

A. General

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

B. References

REFERENCE	DESIGNATION
AMM TASK 53-21-02-000-802-A/400	MAIN-DOOR FRAME ROLLER - REMOVAL
AMM TASK 53-21-02-400-802-A/400	MAIN-DOOR FRAME ROLLER - INSTALLATION

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-C-16173, GR3	WD40 Lubricant	AR
ASTM-D-740	Methyl-Ethyl-Ketone (MEK)	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Main-door frame

I. Preparation

*SUBTASK 841-002-A*

- (1) Open the main door.

J. Lubrication of Main-Door Frame Rollers ([Figure 301](#))

*SUBTASK 640-002-A*

- (1) Remove the main-door frame rollers from their supports ( [AMM TASK 53-21-02-000-802-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 rollers and their supports with a clean cloth soaked in solvent MEK.
- (3) Lubricate the rollers and their supports with WD40.
- (4) Install the rollers on their supports ( [AMM TASK 53-21-02-400-802-A/400](#)).

**NOTE:** Make sure that the rollers move freely in the circumferential direction.

K. Follow-on

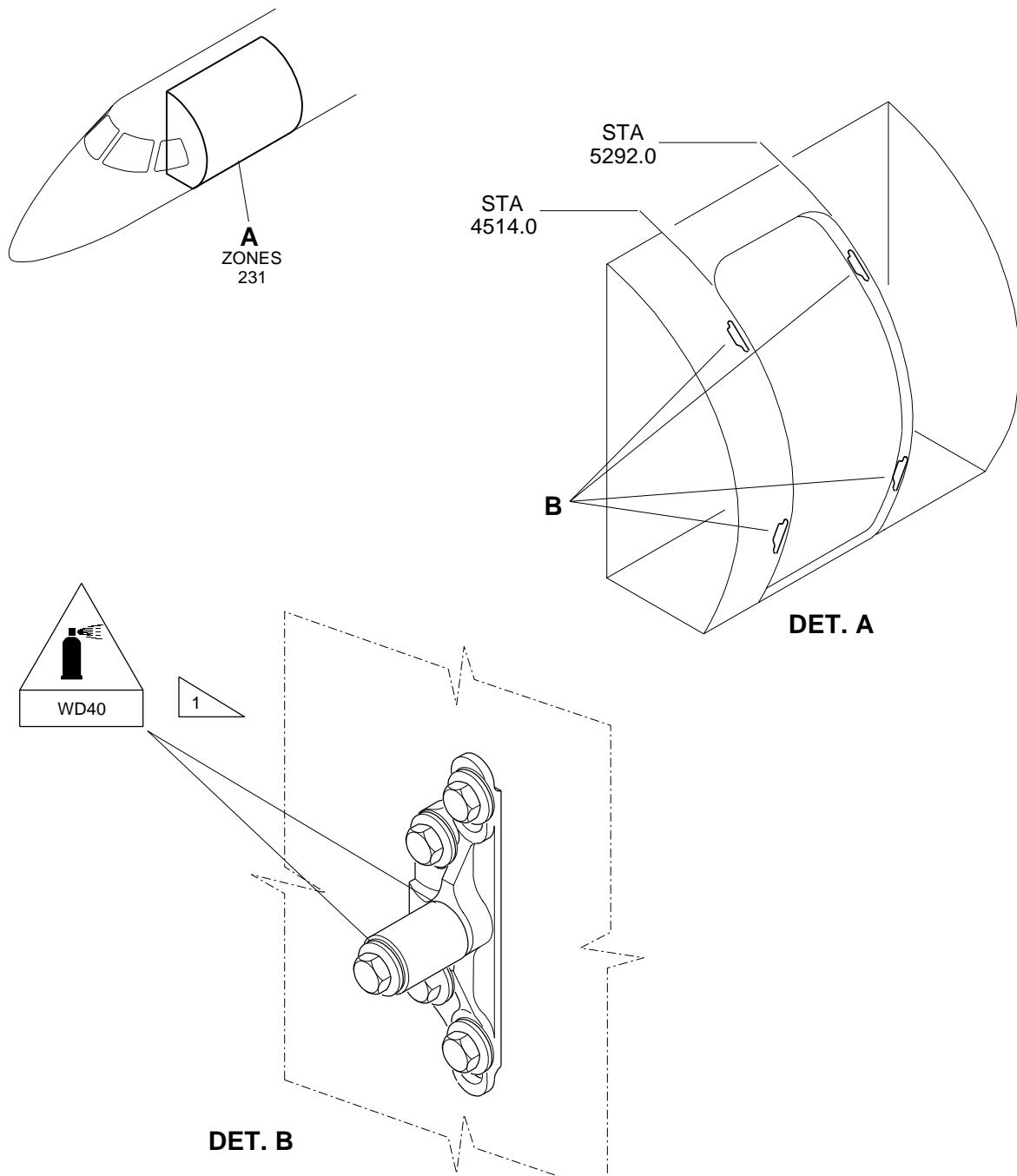
**SUBTASK 842-002-A**

- (1) Close the main door.

**EFFECTIVITY: ALL**

Main-Door Frame Rollers - Lubrication

Figure 301



MAKE SURE THAT THE ROLLERS MOVE FREELY IN THE CIRCUMFERENTIAL DIRECTION,  
DURING THE LUBRICATION.

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