



AIRCRAFT  
MAINTENANCE MANUAL

**SPRING CARTRIDGE - SERVICING**

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to lubricate the gust-lock spring cartridges.
- 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).

<i>TASK NUMBER</i>	<i>DESCRIPTION</i>	<i>EFFECTIVITY</i>
12-21-11-600-801-A	SPRING CARTRIDGE - LUBRICATION	ALL



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TASK 12-21-11-600-801-A

EFFECTIVITY: ALL

2. SPRING CARTRIDGE - LUBRICATION

A. General

- (1) This task gives the procedure to lubricate the gust-lock spring cartridges.
- (2) The approved grease to lubricate the spring cartridge is:
  - Lubricant Molykote DC-33 Light

B. References

REFERENCE	DESIGNATION
AMM TASK 27-71-03-000-801-A/400	SPRING CARTRIDGES - REMOVAL
AMM TASK 27-71-03-400-801-A/400	SPRING CARTRIDGES - INSTALLATION
IPC 27-71-00	GUST LOCK ELECTROMECHANICAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
321	321	Tail boom

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Rubber Gloves resistant to Phosphate-Ester Base fluid	Protection for the hands	1
Commercially available	Rubber Gloves resistant to Phosphate-Ester Base fluid	Protection for the eyes	1

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Shim	IPC 27-71-00	AR

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Horizontal stabilizer



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I. Job Set-Up

SUBTASK 940-002-A

- (1) Remove the spring cartridge. Refer to [AMM TASK 27-71-03-000-801-A/400](#).

J. Lubrication

SUBTASK 640-002-A

**WARNING:** • **MAKE SURE THAT THE RUDDER, HORIZONTAL STABILIZER, AND ELEVATOR CANNOT BE OPERATED ACCIDENTALLY. AN ACCIDENTAL OPERATION CAN CAUSE INJURY TO PERSONS.**

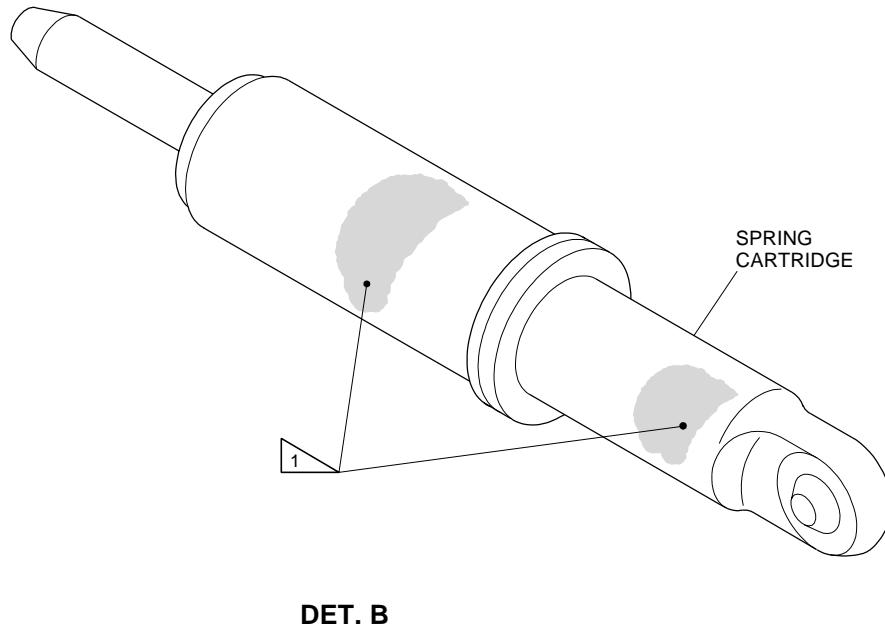
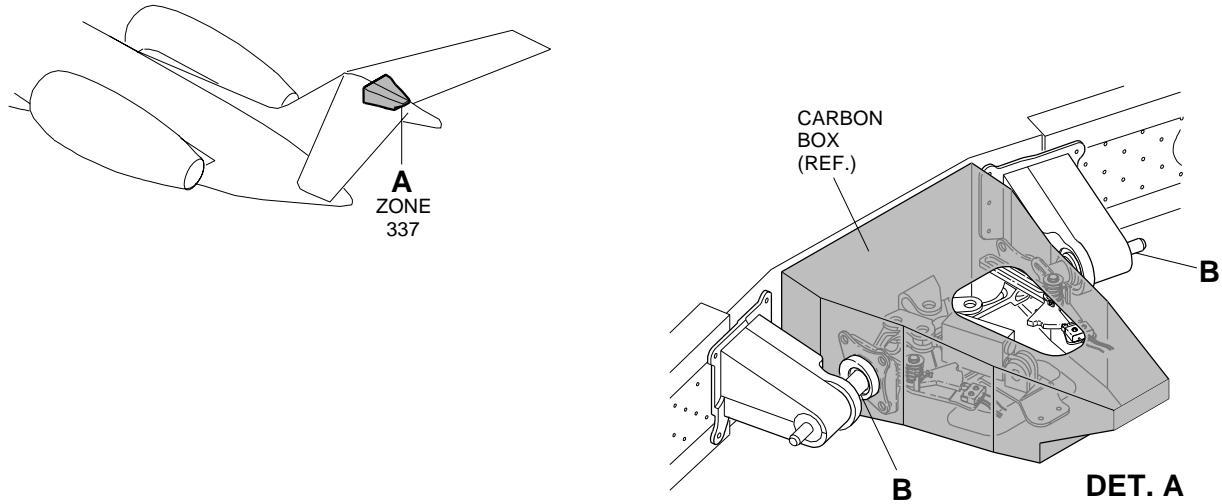
- (1) Apply a thin layer of grease on the spring cartridge surface.

K. Job Close-Up

SUBTASK 940-003-A

- (1) Install the spring cartridge. Refer to [AMM TASK 27-71-03-400-801-A/400](#).

**EFFECTIVITY: ALL**  
**Spring Cartridges - Lubrication**  
**Figure 301**



 **GREASE**

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