

## AILERON DISCONNECT SYSTEM - SERVICING

*EFFECTIVITY: ALL*

### 1. General

- A. This section gives the procedures to lubricate the aileron disconnect system, installed at the front quadrant.
- 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
27-15-02-600-801-A ◆	AILERON DISCONNECT SYSTEM - LUBRICATION	ALL

TASK 27-15-02-600-801-A

EFFECTIVITY: ALL

## 2. AILERON DISCONNECT SYSTEM - LUBRICATION

### A. General

- (1) This task gives the procedures to lubricate the aileron plate mechanism and disconnect link bellcrank, installed at the front quadrant.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 27-15-00-000-801-A/400</a>	AILERON DISCONNECT DEVICE - REMOVAL
<a href="#">AMM TASK 27-15-00-400-801-A/400</a>	AILERON DISCONNECT DEVICE - INSTALLATION
CMM 0756	-
IPC 27-15-00	AILERON DISCONNECT

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
123	123BL	Below the cockpit floor
221	221EF	Cockpit LH upper side
221	221GF	Cockpit LH upper side

### D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
<a href="#">GSE 058</a>	Kit, Rig Pins	To lock the aileron system in the neutral position	
	Stiff-Bristle Brush	To do the cleaning procedure	

### E. Auxiliary Items

Not Applicable

### F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-G-46886	Grease, Molykote DC-33 Light	AR
MIL-PRF-680	Cleaning Compound Solvent	AR
TT-I-735	Isopropyl Alcohol	AR

### G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Cotter pin	IPC 27-15-00	1

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Forward torque tube

I. Preparation

*SUBTASK 841-002-A*

- (1) Remove the aileron disconnect system ([AMM TASK 27-15-00-000-801-A/400](#)).

J. Lubricate Aileron Disconnect System ([Figure 301](#))

*SUBTASK 640-002-A*

- (1) Lubricate the retainer guide, springs, housing of balls in the spring assembly and inside channel in the movable disc of the disconnectable link. Refer to CMM 0756 (Assembly Section).

**NOTE:** If the disconnectable link is disconnected, make sure that the disks do not turn of more than 60° in relation to each other.

- (2) Clean the disconnect link bellcrank with solvent MIL-PRF-680 or alcohol TT-I-735 and use a stiff-bristle brush.

**NOTE:** The area must have no signs of dirt, grease, oil, or other contaminations. Do the cleaning procedure again, if necessary.

- (3) Lubricate the disconnect link bellcrank with Molykote DC-33 Light (MIL-G-46886). Refer to ([Figure 301](#)).

K. Follow-on

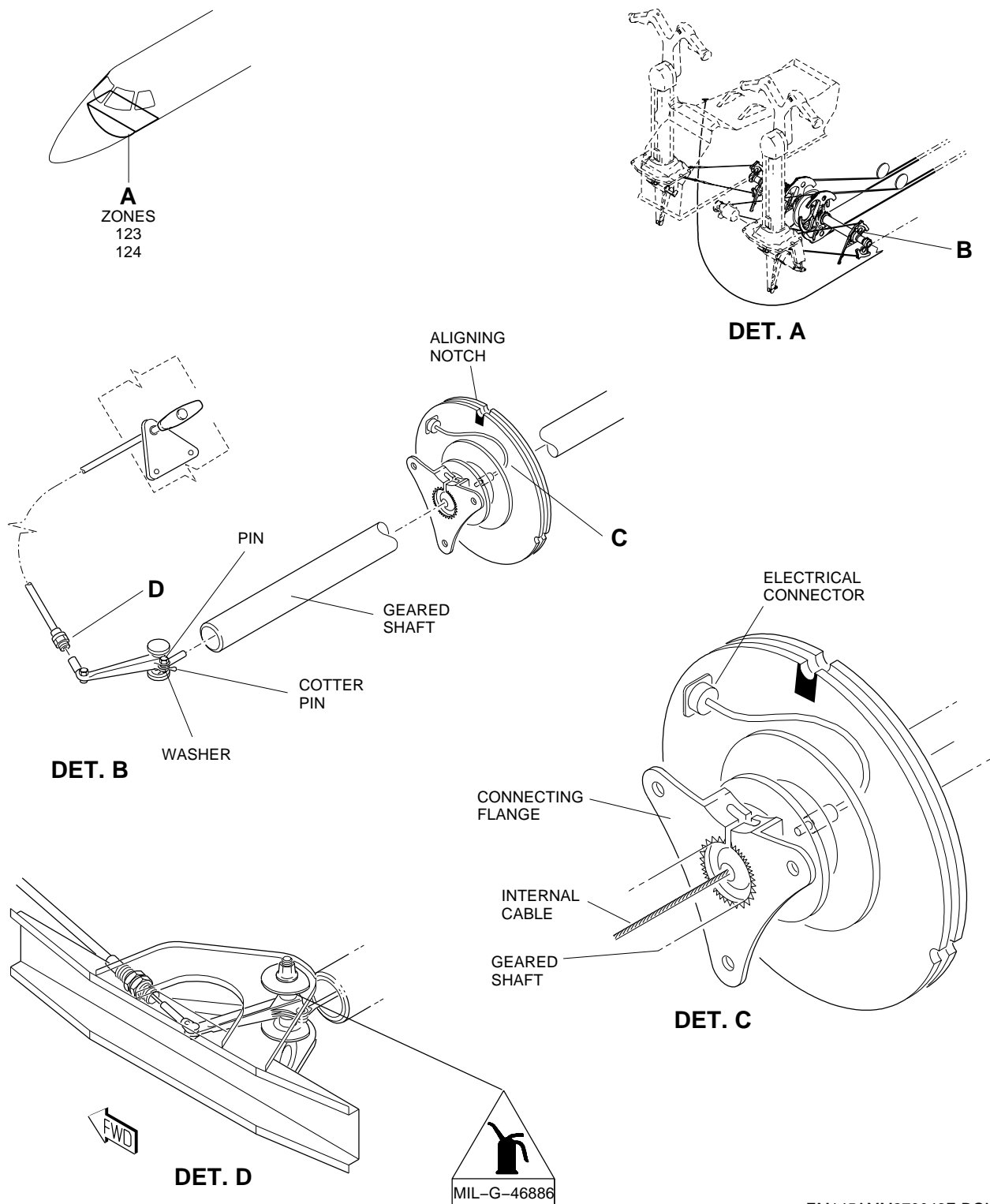
*SUBTASK 842-002-A*

- (1) Install the aileron disconnect system ( [AMM TASK 27-15-00-400-801-A/400](#)).

EFFECTIVITY: ALL

Aileron Disconnect System - Lubrication

Figure 301



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