



## AIRCRAFT MAINTENANCE MANUAL

### BACKUP PITCH TRIM SWITCH - SERVICING

*EFFECTIVITY: ON ACFT WITH TRIM CONTROL PANEL P/N 145-34177-4XX OR P/N 145-21353-4XX*

#### 1. General

- A. This section gives the procedures for the lubrication of the Backup PITCH TRIM switch.
- B. These procedures are applicable to the pedestal Backup PITCH TRIM switch.
- 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
27-40-04-640-801-A	BACKUP PITCH TRIM SWITCH - LUBRICATION	ON ACFT WITH TRIM CONTROL PANEL P/N 145-34177-4XX OR P/N 145-21353-4XX



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 27-40-04-640-801-A

EFFECTIVITY: ON ACFT WITH TRIM CONTROL PANEL P/N 145-34177-4XX OR P/N  
145-21353-4XX

2. BACKUP PITCH TRIM SWITCH - LUBRICATION

A. General

- (1) This task gives the procedures to lubricate the Backup Pitch Trim Switch.

B. References

REFERENCE	DESIGNATION
AMM TASK 20-13-05-000-801-A/400	ROCKER SWITCHES - REMOVAL (TYPICAL)

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223		Control pedestal

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
DeoxIT Shield S5L	Liquid lubricant	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit

I. Preparation

**SUBTASK 841-002-A**

- (1) Open these circuit breakers and attach a DO-NOT-CLOSE tag to them.
- (a) PITCH TRIM 1 (Location Tip: DC BUS 1/FLIGHT CONTROLS).
- (b) PITCH TRIM 2 (Location Tip: ESSENTIAL DC BUS 2).



J. Lubrication of the Backup PITCH TRIM Switch ([Figure 301](#))

SUBTASK 640-002-A

- (1) Operate one lever of the rocker switch to expose the rocker pivot point.
- (2) With a toothpick-like clean stick or other applicable device, apply one or two drops of DeoxIT Shield S5L lubricant to the side pivot area of the switch lever.
- (3) Operate the same lever of the rocker switch and expose the rocker pivot point.
- (4) With a toothpick-like clean stick or other applicable device, apply one or two drops of DeoxIT Shield S5L lubricant to the central pivot area of the switch lever.
- (5) Operate the other lever of the rocker switch to expose the rocker pivot point.
- (6) With a toothpick-like clean stick or other applicable device, apply one or two drops of DeoxIT Shield S5L lubricant to the side pivot area of the switch lever.
- (7) Clean off the excess lubricant from the rocker switch and operate the switch many times to the up and down directions.
  - (a) The switch must go back freely and smoothly to its center off position with no sticking or binding. If it does not occur, replace the switch ([AMM TASK 20-13-05-000-801-A/400](#)).

K. Follow-on

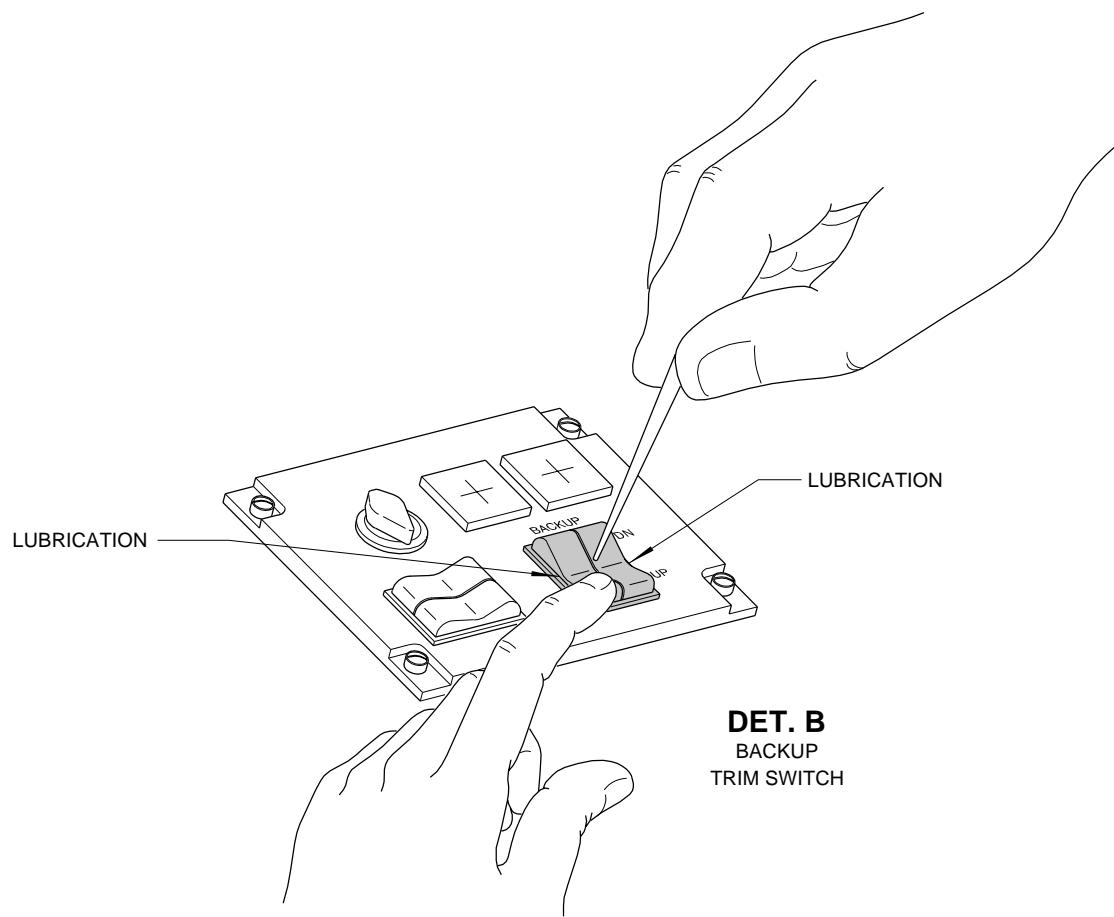
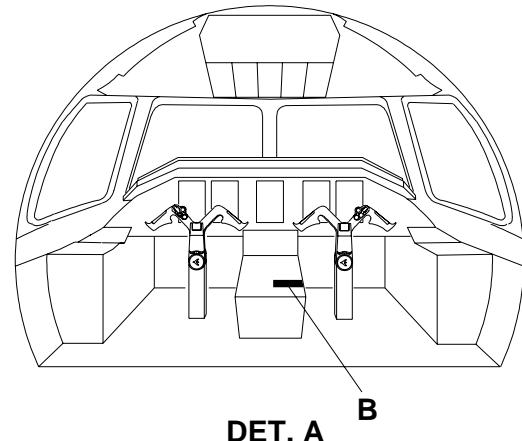
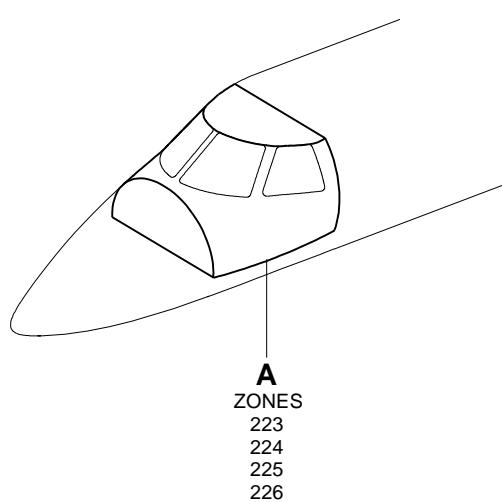
SUBTASK 842-002-A

- (1) Remove the DO-NOT-CLOSE tag from the PITCH TRIM 1 and PITCH TRIM 2 circuit breakers and close them.

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Backup PITCH TRIM Switch - Lubrication

Figure 301



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