



## AIRCRAFT MAINTENANCE MANUAL

### LOWER COWLING LATCH - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedures to remove/install the lower cowling latches.
- B. These procedures are applicable to the LH and RH nacelles.
- 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
71-12-03-000-801-A	LOWER COWLING LATCH - REMOVAL	ALL
71-12-03-400-801-A	LOWER COWLING LATCH - INSTALLA- TION	ALL



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TASK 71-12-03-000-801-A

EFFECTIVITY: ALL

2. LOWER COWLING LATCH - REMOVAL

A. General

- (1) Obey the instructions below to remove the lower cowling latches.

B. References

REFERENCE	DESIGNATION
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 71-12-01-000-801-A/400	ENGINE LOWER COWLING - OPENING

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413		LH engine lower cowling
423		RH engine lower cowling

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the work area	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Engine nacelle

I. Preparation

SUBTASK 841-002-A

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN AMM MPP 71-00-00/200 TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.**

- (1) On the circuit breaker panel, open the circuit breaker below and attach a DO-NOT-CLOSE tag to it:
- START 1/2



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- (2) Put the workstand in position and get access to the engine nacelle.
- (3) Open the lower cowling (1) ([AMM TASK 71-12-01-000-801-A/400](#)).

J. Removal ([Figure 401](#))

SUBTASK 020-002-A

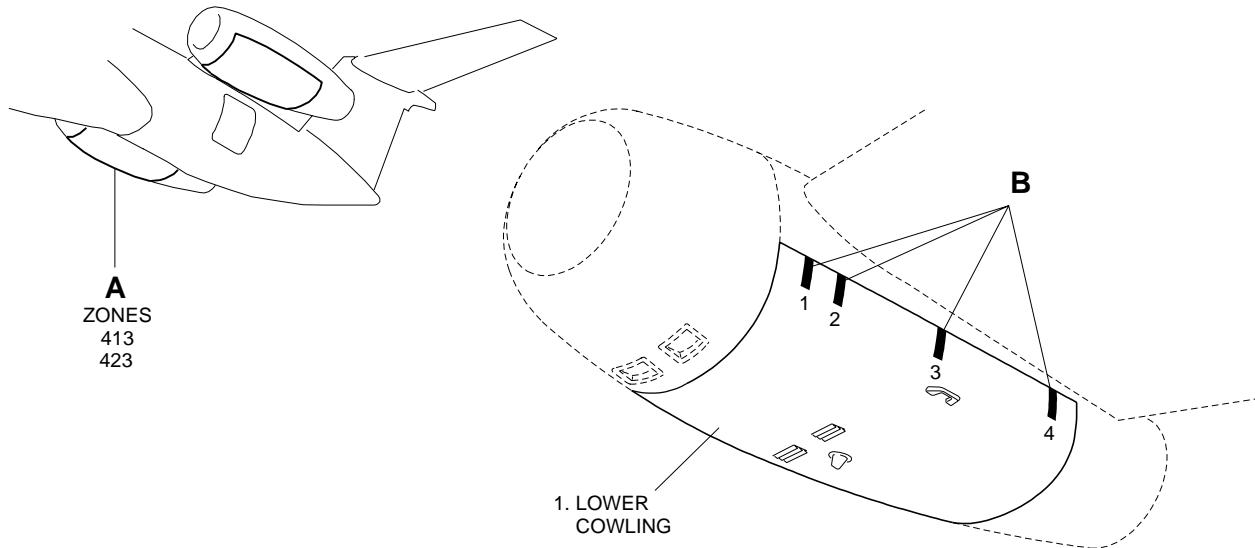
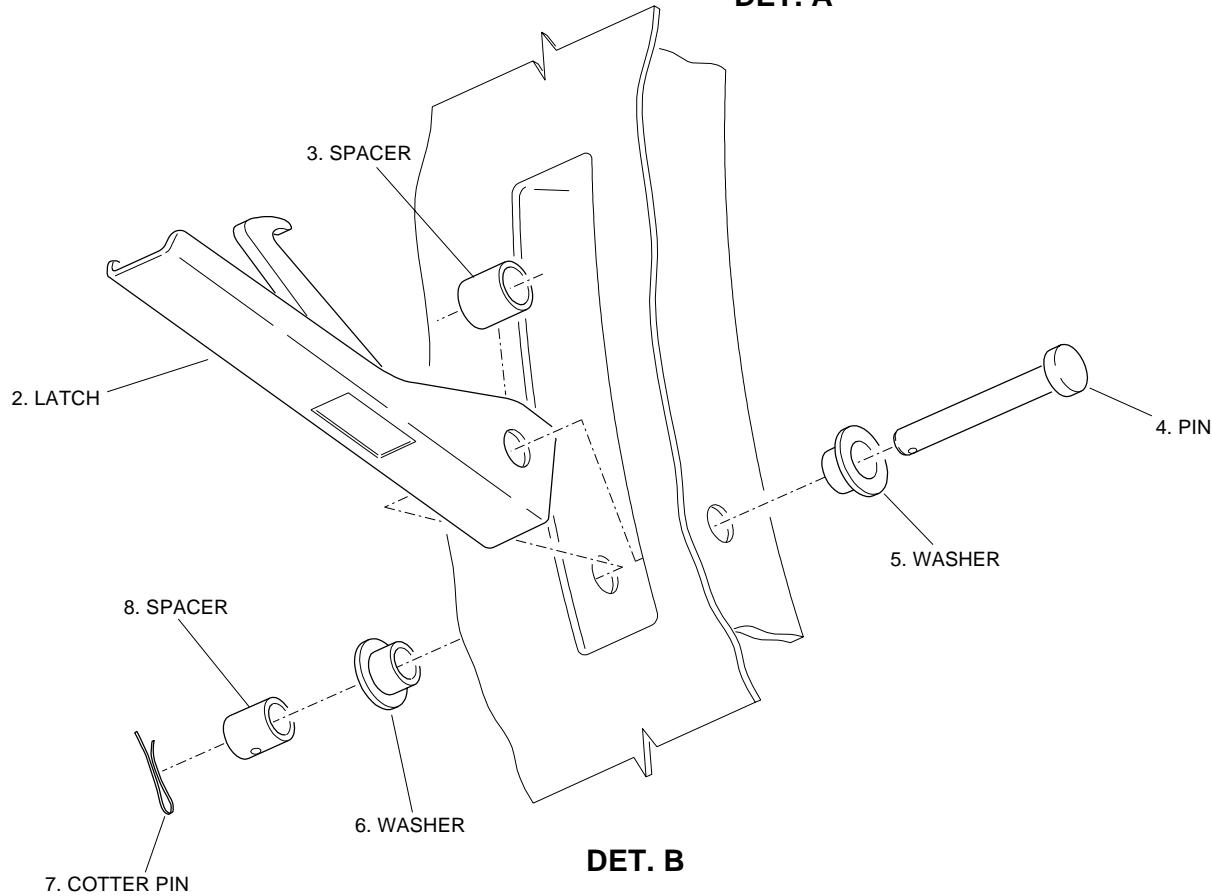
**WARNING: DO NOT TOUCH THE ENGINE COMPONENTS UNTIL THEY ARE COOL.  
TEMPERATURE CAN STAY HOT AFTER THE ENGINE STOPS.**

- (1) Remove the cotter pin (7).
- (2) Remove the spacer (3).
- (3) Move away the pin (4), while you remove the washers (5) and the spacer (3).
- (4) Remove the latch (2).

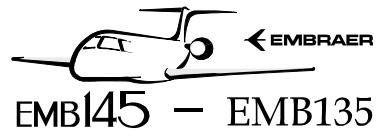
**EFFECTIVITY:: ALL**

Lower Cowling Latch - Removal/Installation

Figure 401


**DET. A**

**DET. B**

EM145AMM710086C.DGN



TASK 71-12-03-400-801-A

EFFECTIVITY: ALL

3. LOWER COWLING LATCH - INSTALLATION

## A. General

- (1) Obey the instructions below to install the lower cowling latches.

## B. References

REFERENCE	DESIGNATION
54-15-00	-
AMM TASK 71-12-01-400-801-A/400	ENGINE LOWER COWLING - CLOSING
AMM TASK 71-12-03-800-801-A/500	LOWER COWLING LATCH - ADJUSTMENT/TEST

## C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413		LH engine lower cowling
423		RH engine lower cowling

## D. Tools and Equipment

Not Applicable

## E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the work area	1

## F. Consumable Materials

Not Applicable

## G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Cotter pins	54-15-00	4

## H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Engine nacelle

## I. Installation (Figure 401)

## SUBTASK 420-002-A

- (1) Put the latch (2) in the installation position.

- (2) Position the spacer (3) in the latch (2).



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- (3) Install the washers (5) on the pin (4) and install them through the latch (2).
- (4) Install the spacer (3).
- (5) Install the cotter pin (7).

### J. Follow on

#### SUBTASK 842-002-A

- (1) Adjust the latch ([AMM TASK 71-12-03-800-801-A/500](#)).
- (2) Close the lower cowling (1) ([AMM TASK 71-12-01-400-801-A/400](#)).
- (3) Remove the workstand from the work area.
- (4) On the circuit breaker panel, close the circuit breaker below and remove the DO-NOT-CLOSE tag from it:
  - START 1/2.