

NACELLE OIL FILLER DOOR - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the oil filler door of the RH and LH cowlings.
- 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
54-10-01-000-801-A	NACELLE OIL FILLER DOOR - REMOVAL	ALL
54-10-01-400-801-A	NACELLE OIL FILLER DOOR - INSTALLATION	ALL

TASK 54-10-01-000-801-A

EFFECTIVITY: ALL

2. NACELLE OIL FILLER DOOR - REMOVAL

A. General

(1) This procedure gives the instructions to remove the oil filler door.

B. References

REFERENCE	DESIGNATION
AMM MPP 71-00-00/200	- MAINTENANCE PRACTICES

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	413BB	Cowling door
423	423BB	Cowling door

D. Tools and Equipment

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

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Nacelle
1	Helps the other	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 START 1 (location tip: POWERPLANT/START 1) and START 2 (location tip: POWERPLANT/START 2) circuit breakers and attach DO-NOT-CLOSE tags to them.

- (2) Put the workstand in position and get access to the engine nacelle.

J. Removal (Figure 401)

SUBTASK 020-002-A

WARNING: DO NOT TOUCH THE COMPONENTS OF THE ENGINE UNTIL THEY ARE COOL. THE TEMPERATURES STAY HIGH AFTER THE ENGINE STOPS. THE HIGH TEMPERATURES CAN CAUSE INJURY TO PERSONS.

- (1) Release the latches to open the oil filler door of the RH and LH door cowlings.
- (2) Remove screws (1), washers (2), and nuts (3).

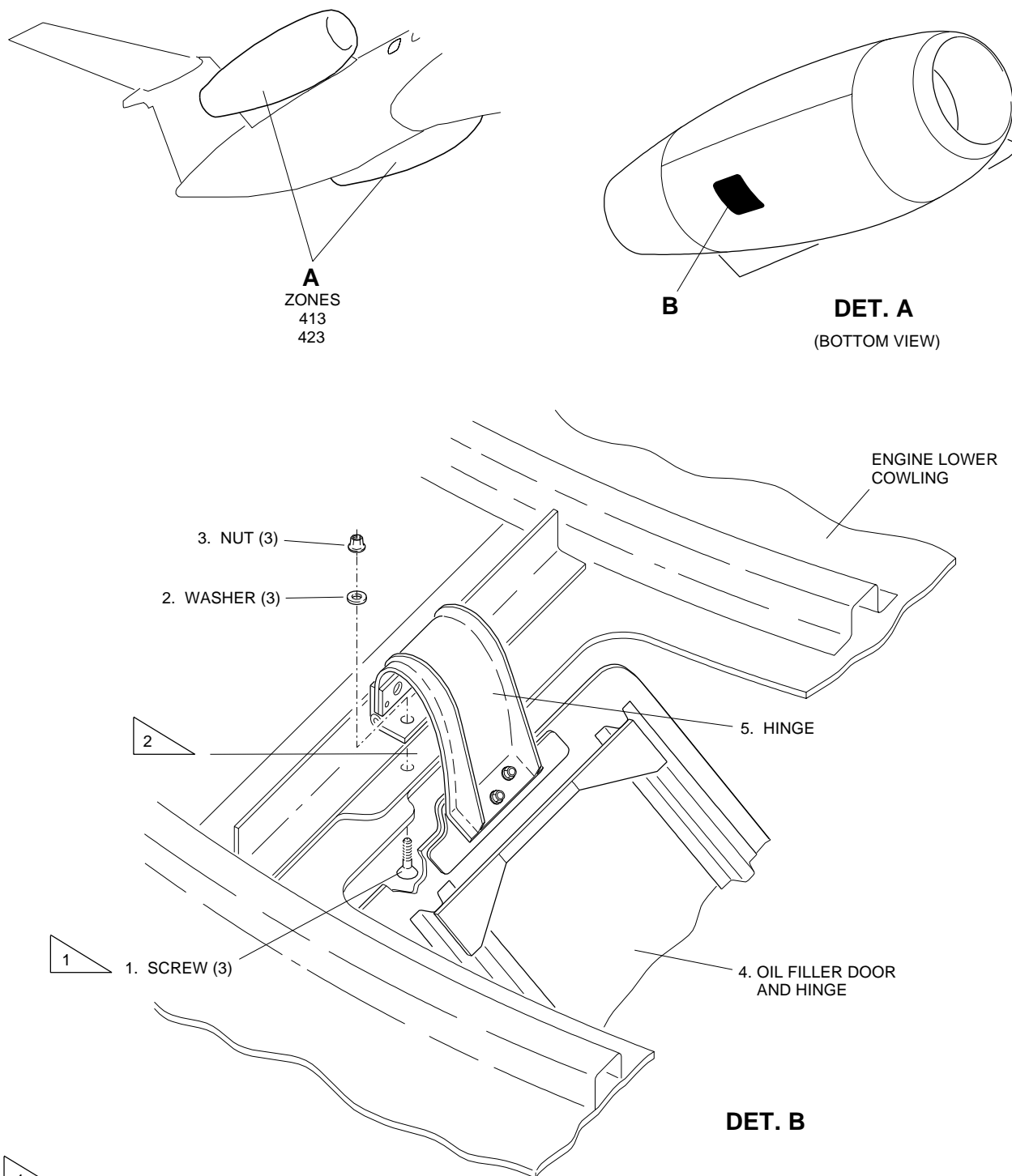
NOTE: Two persons are necessary to remove the oil filler door: one from inside the door to hold the nuts and the other from outside the door to unscrew.

- (3) Remove the oil filler door (4).

EFFECTIVITY: ALL

Nacelle Oil Filler Door Assembly

Figure 401



1 TORQUE : 1.7 TO 2.3 Nm (15.04 TO 20.35 lb.in)

2 SEALANT PS 870 C-12

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TASK 54-10-01-400-801-A
EFFECTIVITY: ALL

3. NACELLE OIL FILLER DOOR - INSTALLATION

A. General

(1) This procedure gives the instructions to install the oil filler door.

B. References

REFERENCE	DESIGNATION
SRM 51-20-01	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
413	413BB	Cowling door
423	423BB	Cowling door

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench	To torque the screws	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-PRF-81733 TYPE IV - CLASS 1	Sealant PS 870 C-12	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Nacelle
1	Helps the other	Nacelle

I. Installation (Figure 401)

SUBTASK 420-002-A

WARNING: DO NOT TOUCH THE COMPONENTS OF THE ENGINE UNTIL THEY ARE COOL. THE TEMPERATURES STAY HIGH AFTER THE ENGINE STOPS. THE HIGH TEMPERATURES CAN CAUSE INJURY TO PERSONS.

- (1) Remove all the old sealant and prepare the contact surface of the hinge (5).

NOTE: Refer to SRM 51-20-01 for sealants and sealing procedures.

- (2) Apply sealant PS 870 C-12 on the contact surface.
- (3) Install the oil filler door (4).
- (4) Install the screws (1), washers (2), and nuts (3).

NOTE: Before the installation of the screws, make sure that the latches are aligned with the door stop.

- (5) Torque the screws (1).
- (6) Apply blue lacquer to the screws.

J. Follow-on

SUBTASK 842-002-A

CAUTION: • MAKE SURE THAT THE LATCHES OF THE OIL FILLER DOOR ARE CORRECTLY CLOSED. TAP TWICE ON THE AREA ADJACENT TO THE LATCHES (5 POSITIONS) TO MAKE SURE THAT THE DOOR LATCHES ARE LOCKED CORRECTLY.

- IF THE DOOR LATCHES ARE NOT CORRECTLY CLOSED, THE ACCESS PANEL CAN OPEN DURING THE FLIGHT.

- (1) On the circuit breaker panel, close the START 1 (location tip: POWERPLANT/START 1) and START 2 (location tip: POWERPLANT/START 2) circuit breakers and remove the DO-NOT-CLOSE tags from them.
- (2) Remove the workstand from the work area.