



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

**APU AIR INLET SILENCER - REMOVAL/INSTALLATION**

*EFFECTIVITY: AIRCRAFT WITH AIR INLET SILENCER*

1. General

- A. This section gives the procedures to remove/install the APU air-inlet silencer seal.
- 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
49-16-04-000-801-A	APU AIR-INLET SILENCER SEAL - REMOVAL	AIRCRAFT WITH AIR INLET SILENCER
49-16-04-400-801-A	APU AIR-INLET SILENCER SEAL - INSTALLATION	AIRCRAFT WITH AIR INLET SILENCER



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 49-16-04-000-801-A

EFFECTIVITY: AIRCRAFT WITH AIR INLET SILENCER

2. APU AIR-INLET SILENCER SEAL - REMOVAL

A. General

- (1) Obey the instructions that follow to remove the APU air-inlet silencer seal.

B. References

REFERENCE	DESIGNATION
AMM MPP 49-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 49-11-00-000-801-A/400	APU COWLING - REMOVAL
AMM TASK 49-15-00-000-801-A/400	APU COWLING - REMOVAL
AMM TASK 49-16-03-000-801-A/400	APU AIR-INLET COVER ASSEMBLY - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313		APU Cowling

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	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	APU

I. Preparation

SUBTASK 841-002-A

**WARNING: BEFORE YOU DO THIS TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN AMM MPP 49-00-00/200 TO PREVENT INJURY TO THE PERSONS AND DAMAGE TO THE MATERIAL.**

- (1) On the circuit breaker panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:



## AIRCRAFT MAINTENANCE MANUAL

- APU FUEL SOV.

- (2) On the left power control and distribution box, open the APU GEN START circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (3) Remove the APU cowling ( [AMM TASK 49-11-00-000-801-A/400](#) or [AMM TASK 49-15-00-000-801-A/400](#), as applicable).

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

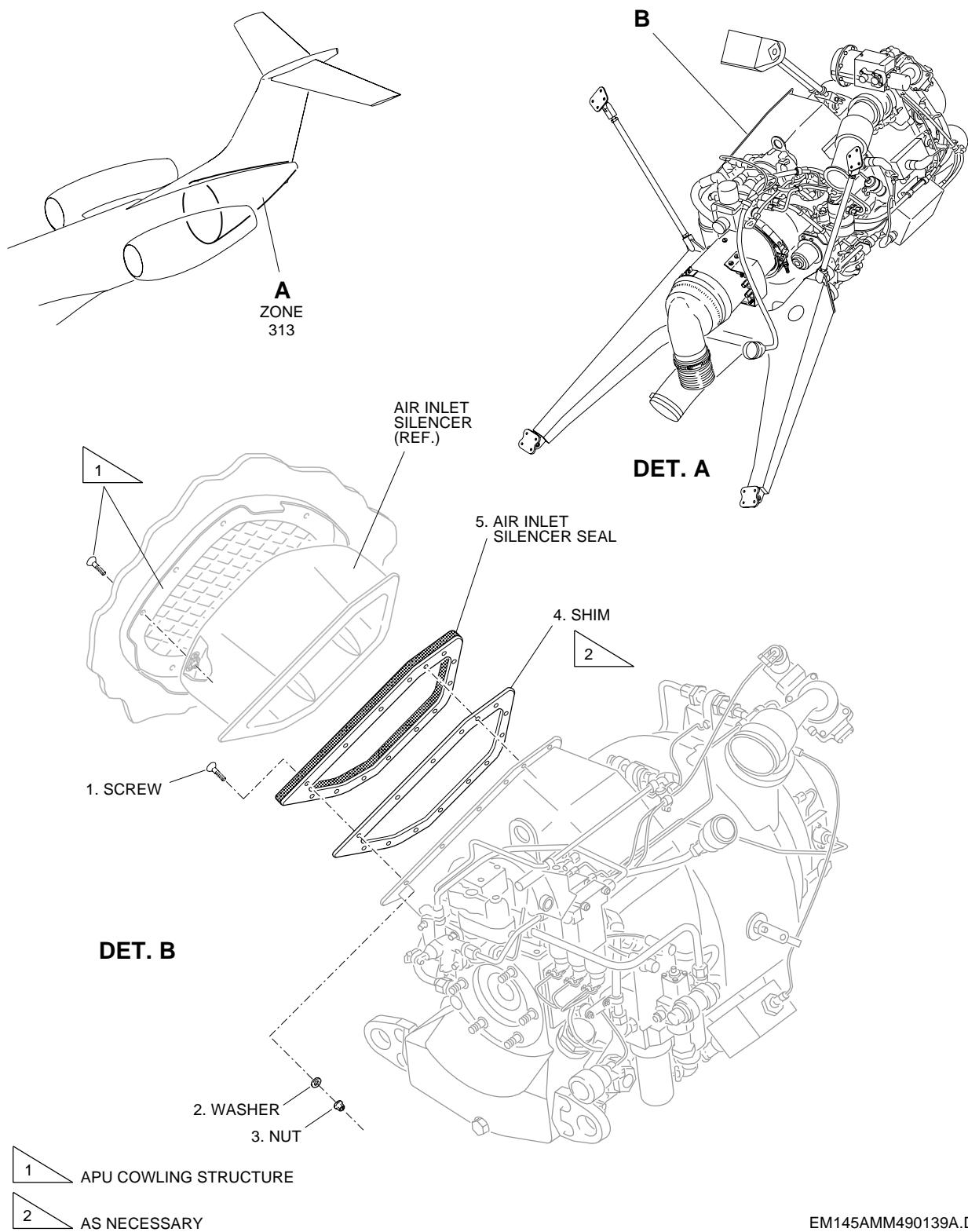
#### SUBTASK 020-002-A

- (1) Remove the screws (1), washers (2), and nuts (3). Remove the air-inlet silencer seal (5) and the shim(s) (4), if applicable.
- (2) For aircraft with 145-54858-series APU cowling, the air inlet silencer must be removed during the removal of the air-inlet cover assembly ( [AMM TASK 49-16-03-000-801-A/400](#)).

**EFFECTIVITY: FOR AIRCRAFT WITH AIR INLET SILENCER**

APU Air-Inlet Silencer Seal - Removal/Installation

Figure 401



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EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

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TASK 49-16-04-400-801-A

EFFECTIVITY: AIRCRAFT WITH AIR INLET SILENCER

3. APU AIR-INLET SILENCER SEAL - INSTALLATION

## A. General

- (1) Obey the instructions below to install the APU air-inlet silencer seal.

## B. References

REFERENCE	DESIGNATION
AMM TASK 49-11-00-400-801-A/400	APU COWLING - INSTALLATION
AMM TASK 49-15-00-400-801-A/400	APU COWLING - INSTALLATION
AMM TASK 49-16-03-400-801-A/400	APU AIR-INLET COVER ASSEMBLY - INSTALLATION

## C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313		APU Cowling

## D. Tools and Equipment

Not Applicable

## E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	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	APU

## I. Installation (Figure 401)

## SUBTASK 420-002-A

- (1) Install the shim(s) (4) on the APU air-inlet duct, if applicable.
- (2) Install the air-inlet silencer seal (5) with the screws (1), washers (2), and nuts (3). Tighten the screws and nuts.
- (3) For aircraft with 145-54858-series APU cowling, the air-inlet silencer must be installed during the installation of the air-inlet cover assembly ([AMM TASK 49-16-03-400-801-A/400](#)).



## AIRCRAFT MAINTENANCE MANUAL

### J. Follow-on

#### SUBTASK 842-002-A

- (1) Install the APU cowling ( [AMM TASK 49-11-00-400-801-A/400](#) or [AMM TASK 49-15-00-400-801-A/400](#), as applicable).
- (2) Remove the DO-NOT-CLOSE tags and close these circuit breakers.
  - APU FUEL SOV.
- (3) On the left power control and distribution box, remove the DO-NOT-CLOSE tag and close the APU GEN START circuit breaker.