

STARTER GENERATOR MOUNTING PAD - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the APU starter/generator mounting pad.
- 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
49-26-01-000-801-A	APU STARTER/GENERATOR MOUNTING PAD - REMOVAL	ALL
49-26-01-400-801-A	APU STARTER/GENERATOR MOUNTING PAD - INSTALLATION	ALL

TASK 49-26-01-000-801-A
EFFECTIVITY: ALL

2. APU STARTER/GENERATOR MOUNTING PAD - REMOVAL

A. General

- (1) The starter/generator mounting pad is installed on the reduction drive assembly of the APU.

B. References

REFERENCE	DESIGNATION
AMM MPP 49-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 24-34-01-000-801-A/400	APU STARTER/GENERATOR - REMOVAL
AMM TASK 49-11-00-000-801-A/400	APU COWLING - REMOVAL
AMM TASK 49-15-00-000-801-A/400	APU COWLING - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	313	APU

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 THE 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:

– APU FUEL SOV.

- (2) On the left power control and distribution box, open the APU GEN START circuit breaker and attach 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).
- (4) Remove the starter/generator ([AMM TASK 24-34-01-000-801-A/400](#)).

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

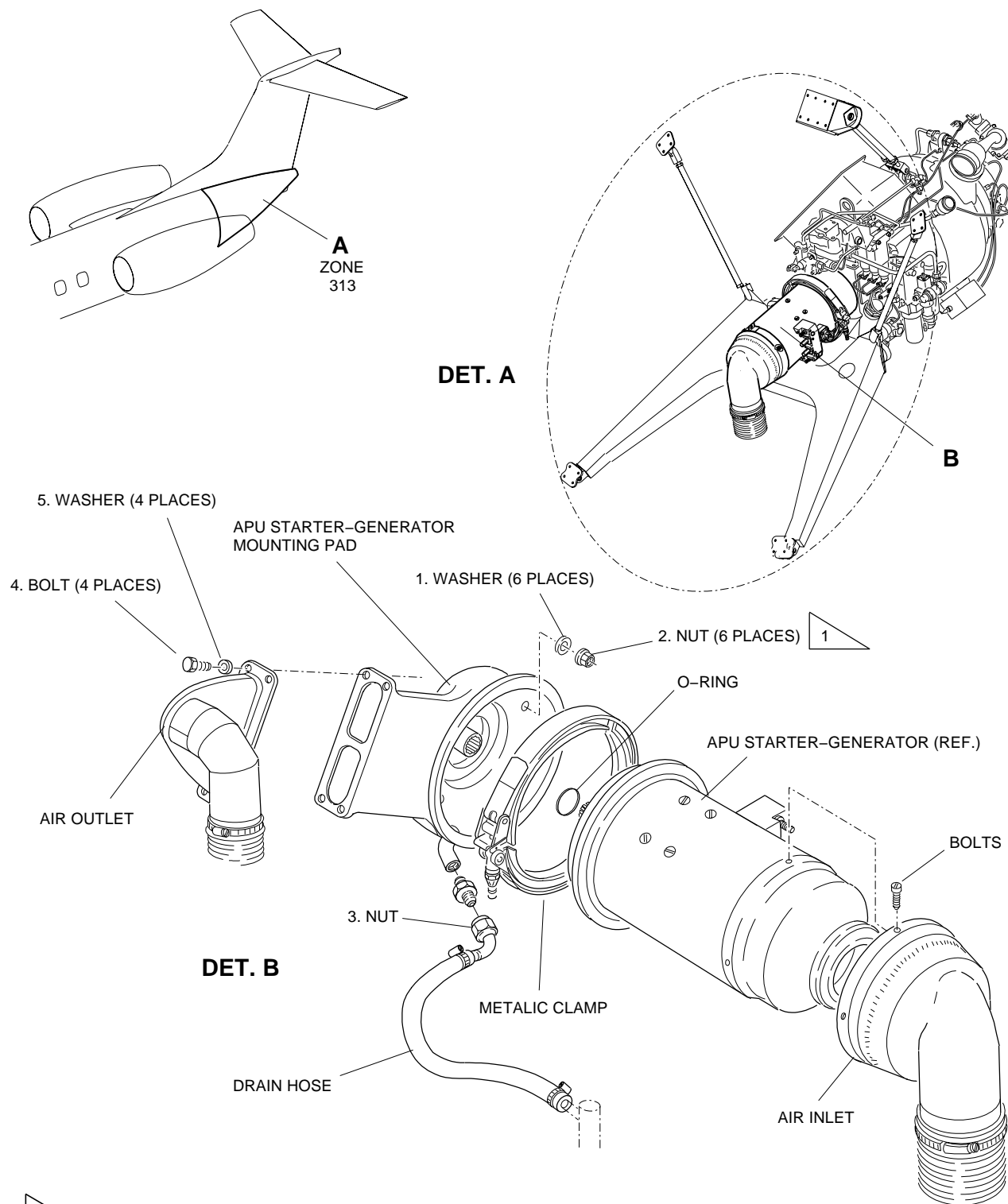
SUBTASK 020-002-A

- (1) Release the nut (3) and remove the drain hose from the mounting pad.
- (2) Remove the bolts (4), and washers (5), and remove the air outlet.
- (3) Remove nuts (2), and washers (1), and remove the starter/generator mounting pad.

EFFECTIVITY: ALL

Starter/Generator Mounting Pad - Removal/Installation

Figure 401



1 TORQUE VALUE: 12.5 TO 15.2 N.m (110 TO 135 lb.in)

EM145AMM490424A.DGN

TASK 49-26-01-400-801-A
EFFECTIVITY: ALL

3. APU STARTER/GENERATOR MOUNTING PAD - INSTALLATION

A. General

(1) Obey the instructions below to install the starter/generator mounting pad.

B. References

REFERENCE	DESIGNATION
AMM TASK 24-34-01-400-801-A/400	APU STARTER GENERATOR - INSTALLATION
AMM TASK 49-11-00-400-801-A/400	APU COWLING - INSTALLATION
AMM TASK 49-15-00-400-801-A/400	APU COWLING - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	313	APU

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque Wrench	To torque the nuts	

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 starter/generator mounting pad to the APU engine mounting base.
- (2) Install the washer (1) and nut (2) to the starter/generator mounting pad. Tighten the nuts. Refer to Figure 401 for the torque values.

- (3) Install the drain hose to the starter/generator mounting pad. Tighten its nut (3).
- (4) Put the air outlet to the starter/generator mounting pad. Install the washers (5) and bolts (4). Tighten the bolts (4).

J. Follow-on

SUBTASK 842-002-A

- (1) Install the starter/generator on the mounting pad ([AMM TASK 24-34-01-400-801-A/400](#)).
- (2) 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).
- (3) Remove the DO-NOT-CLOSE tags and close these circuit breakers.
 - APU FUEL SOV.
- (4) On the left power control and distribution box, remove the DO-NOT-CLOSE tag and close the APU GEN START circuit breaker.