



AIRCRAFT MAINTENANCE MANUAL

APU ELASTOMERIC MOUNTS - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the APU elastomeric mounts of the center links.
- 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
49-12-02-000-801-A	APU ELASTOMERIC MOUNTS - REMOV- AL	ALL
49-12-02-400-801-A	APU ELASTOMERIC MOUNTS - INSTAL- LATION	ALL



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 49-12-02-000-801-A

EFFECTIVITY: ALL

2. APU ELASTOMERIC MOUNTS - REMOVAL

A. General

- (1) The APU elastomeric mounts supports the APU, and eliminate the vibration to the aircraft fuselage.

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

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	313	APU

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 138	APU Removal/Installation Arm	To lift the APU	

E. Auxiliary Items

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

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
2	Do the task	APU



I. Preparation

SUBTASK 841-002-A

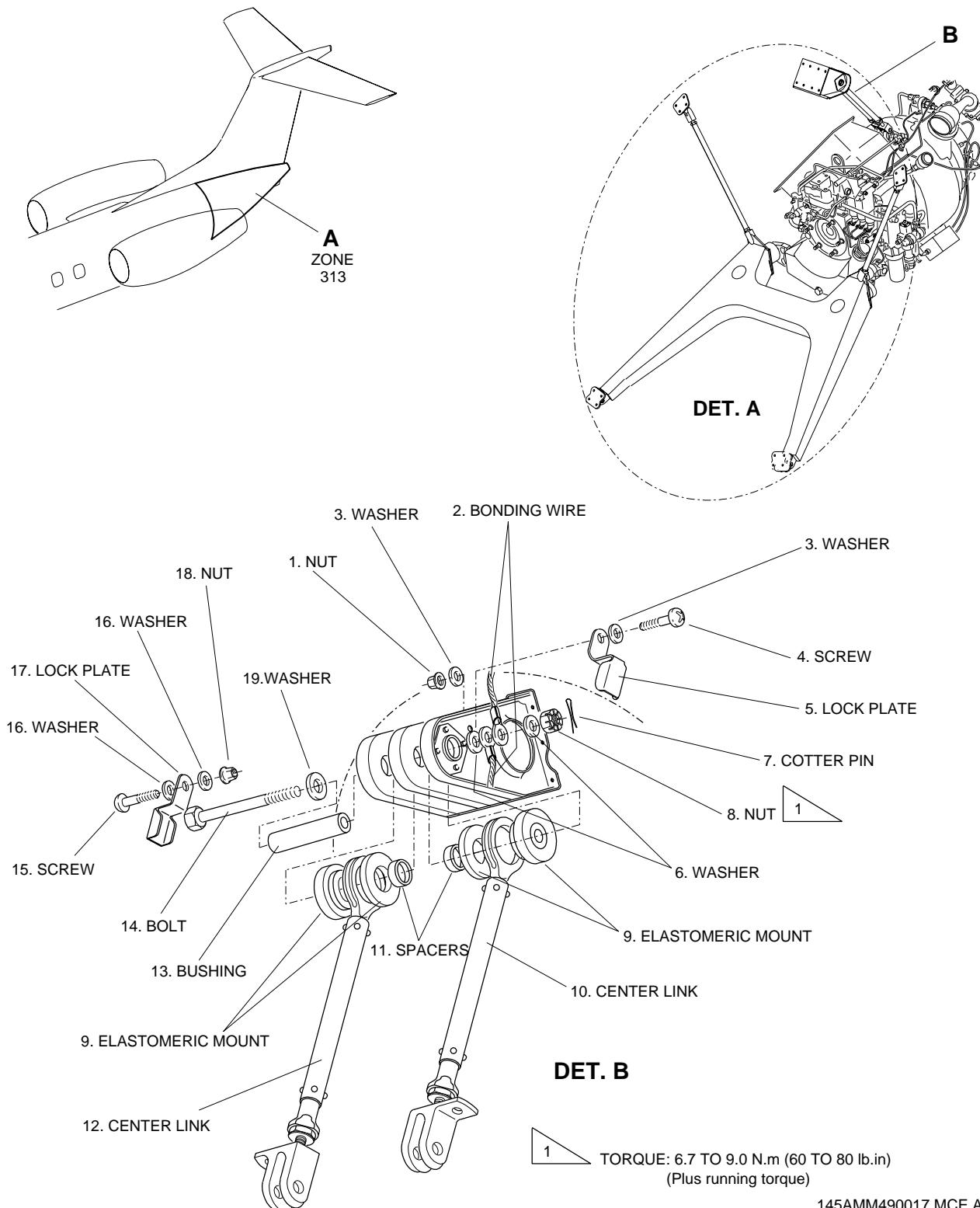
WARNING: BEFORE YOU DO THE TASK OBEY THE SAFETY PRECAUTIONS GIVEN IN (AMM MPP 49-00-00/200) TO PREVENT INJURY TO THE PERSONS AND DAMAGE TO THE MATERIAL.

- (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) Install the APU Removal/Installation Arm, and attach it to the hoist.
- (5) Adjust the height of the hoist correctly to remove the APU weight.

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

SUBTASK 020-002-A

- (1) Remove screw (4), washers (3), nut (1), and lock plate (5).
- (2) Remove screw (15), washers (16), nut (18), and lock plate (17).
- (3) Remove cotter pin (7), nut (8), washers (6), bonding wires (2), washer (19), and bolt (14).
- (4) Remove the bushing (13), elastomeric mounts (9) and spacers (11).
- (5) Discard the old elastomeric mounts, and cotter pin.

EFFECTIVITY: ALL
APU Elastomeric Mounts - Removal/Installation
Figure 401




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TASK 49-12-02-400-801-A

EFFECTIVITY: ALL

3. APU ELASTOMERIC MOUNTS - INSTALLATION

A. General

- (1) Obey the instructions below to install the APU elastomeric mounts.

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
IPC 49-12-00	APU MOUNTING SYSTEM

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
313	313	APU

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 138	APU Removal/Installation Arm	To lift the APU	
Commercially available	Torque Wrench	To torque the attaching screws	

E. Auxiliary Items

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

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Cotter pin	IPC 49-12-00	1
Elastomeric Mounts	IPC 49-12-00	4



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H. Persons Recommended

QTY	FUNCTION	PLACE
2	Do the task	APU

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Install the new elastomeric mounts (9) and spacers (11) to the rod.
- (2) Return the bushing (13) to its correct position.
- (3) Install the bolt (14), washer (19), bonding wires (2), washers (6), and nut (8).
- (4) Torque the nut (8). (Refer to Figure 401 for torque value).
- (5) Install the new cotter pin (7), bolt lock plate (17) with screw (15), washers (16), and nut (18).
- (6) Install the lock plate (5) with screw (4), washers (3), and nut (1).
- (7) Tight nuts and screws.

J. Follow-on

SUBTASK 842-002-A

- (1) Remove the hoist and the APU Removal/Installation Arm from APU.
- (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.