



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

**LAVATORY SMOKE-DETECTOR HORN - REMOVAL/INSTALLATION**

*EFFECTIVITY: ACFT MODEL(S) EMB-135*

1. General

- A. This section gives the procedures for the removal/installation of the lavatory smoke detector horn.
- B. The lavatory smoke detector horn is installed in the aft section of the passenger cabin, zone 264.
- 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
26-14-03-000-801-A	LAVATORY SMOKE-DETECTOR HORN - REMOVAL	ACFT MODEL(S) EMB-135
26-14-03-400-801-A	LAVATORY SMOKE-DETECTOR HORN - INSTALLATION	ACFT MODEL(S) EMB-135



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TASK 26-14-03-000-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

2. LAVATORY SMOKE-DETECTOR HORN - REMOVAL

A. General

- (1) This section gives the procedures for the removal of the lavatory smoke detector horn.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-22-04-000-802-A/400	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

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	Passenger cabin

I. Preparation

SUBTASK 841-003-A

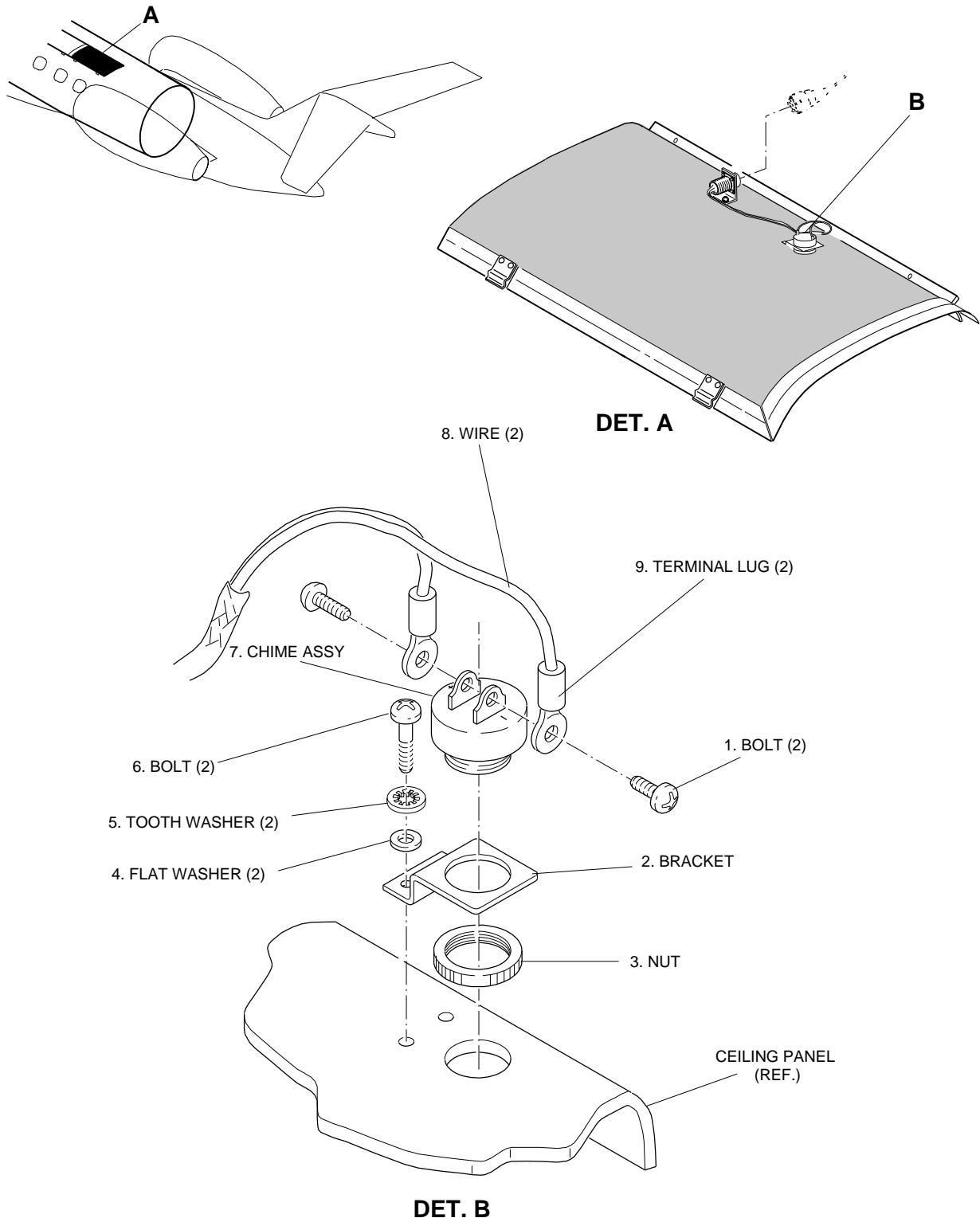
- (1) On the circuit breaker panel, open the "LAVATORY SMOKE DET" circuit breaker, and attach a "DO-NOT-CLOSE" tag to it (Location Tip: DC BUS 1/LAVATORY/SMOKE DET).
- (2) Remove the last passenger cabin ceiling panel (AMM TASK 25-22-04-000-802-A/400).

J. Removal (Figure 401)

SUBTASK 020-003-A

- (1) Identify the wires (8).
- (2) Remove the bolts (1) that attach the terminal lugs (9) on the chime assy (7).
- (3) Remove the bolts (6), tooth washer (5), flat washer (4) and bracket (2) from the ceiling panel (REF.).
- (4) Remove the nut (3) and chime assy (7) from the bracket (2).

**EFFECTIVITY: ACFT MODEL(S) EMB-135**  
**Lavatory Smoke-Detector Horn - Removal/Installation**  
**Figure 401**



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**TASK 26-14-03-400-801-A**
**EFFECTIVITY: ACFT MODEL(S) EMB-135**
**3. LAVATORY SMOKE-DETECTOR HORN - INSTALLATION**
**A. General**

- (1) This task gives the procedures for the installation of the lavatory smoke detector horn.

**B. References**

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM TASK 25-22-04-400-802-A/400	-
AMM TASK 26-14-00-700-802-A/500	-

**C. Zones and Accesses**

Not Applicable

**D. Tools and Equipment**

Not Applicable

**E. Auxiliary Items**

Not Applicable

**F. Consumable Materials**

Not Applicable

**G. Expandable Parts**

Not Applicable

**H. Persons Recommended**

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Passenger cabin

**I. Installation (Figure 401)**
**SUBTASK 420-003-A**

- (1) Install the nut (3) and chime assy (7) on the bracket (2).
- (2) Install the bolts (6), tooth washers (5), flat washers (4) and the bracket (2) on the ceiling panel (REF.).
- (3) Install the bolts (1) and terminal lugs (9) on the chime assy (7). Make sure that the polarity is correct.
- (4) Remove the identification from the wires (8).

**J. Follow-on**
**SUBTASK 842-003-A**

- (1) Install the last passenger cabin ceiling panel (AMM TASK 25-22-04-400-802-A/400).



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- (2) Remove the "DO-NOT-CLOSE" tag and close the "LAVATORY SMOKE DET" circuit breaker (Location Tip: DC BUS 1/LAVATORY/SMOKE DET).
- (3) Do the Operational Check of the Lavatory Smoke-Detection System (AMM TASK 26-14-00-700-802-A/500).

