



AIRCRAFT
MAINTENANCE MANUAL

THERMOACOUSTIC INSULATION - REPAIR

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to repair the thermoacoustic insulations pads.
- 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
25-81-01-300-801-A	THERMOACOUSTIC INSULATION PADS - ALL REPAIR	



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 25-81-01-300-801-A

EFFECTIVITY: ALL

2. THERMOACOUSTIC INSULATION PADS - REPAIR

A. General

- (1) This task gives the procedures to repair the thermoacoustic insulation pads.
- (2) If the thermoacoustic insulation around the area over the courtesy lights appears colorless, it is not a sign of danger. For aesthetic reason, you can apply the procedures described on this task like a repair.
- (3) On the thermoacoustic insulation pad use the table 801 to apply the correct adhesive tape according usable place.

Table 801 - THERMOACOUSTIC INSULATION PADS

ADHESIVE TAPE	USABLE
OT-57CW or OT-258C	Ceiling, baggage door and sidewalls.
KB42/75	Service door, side hinged door, emergency doors, airstairs doors and electronic compartment.
KB6/75	Cockpit area and under floor panels.

- (4) There is no damage limits to repair the thermoacoustic insulation pads.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-81-01-000-801-A/400	-
AMM TASK 25-81-01-000-802-A/400	-
AMM TASK 25-81-01-400-801-A/400	-
AMM TASK 25-81-01-400-802-A/400	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Scissors	To cut a piece of tape	AR

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
TT-I-735	Isopropyl Alcohol - Commercial grade	AR

(Continued)

SPECIFICATION (BRAND)	DESCRIPTION	QTY
O-E-760	Ethanol - Commercial grade	AR
OT-57CW	Adhesive polyester Tape	AR
OT-258C	Polyether Ether Ketone Pressure- Sensitive Tape	AR
KB42/75	Lusterless Gray PVF adhesive tape	AR
KB6/75	TAPE PVF, 75mm	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit/passenger cabin/baggage compartment

I. Repair (Figure 801) (Figure 802)
SUBTASK 340-002-A

- (1) Remove the thermoacoustic insulation pad with damage (AMM TASK 25-81-01-000-801-A/400) or (AMM TASK 25-81-01-000-802-A/400), as applicable.

- (2) Clean the thermoacoustic insulation pad with ethanol or isopropyl alcohol to remove dirt, oil, and debris.

- (3) Dry the surface with a clean dry shop wipe. Make sure that there is no remaining contamination on it.

NOTE: • The part will be clean when you pass a clean, dry shop wipe on the surface and the shop wipe shows no indications of dirt, oil, or debris.
• Do not touch the cleaned surfaces.

- (4) By surface color, identify the thermoacoustic insulation pad with damage to apply the correct tape. Refer to ([Table 801](#)).

- (5) Apply the adhesive tape over the damage.

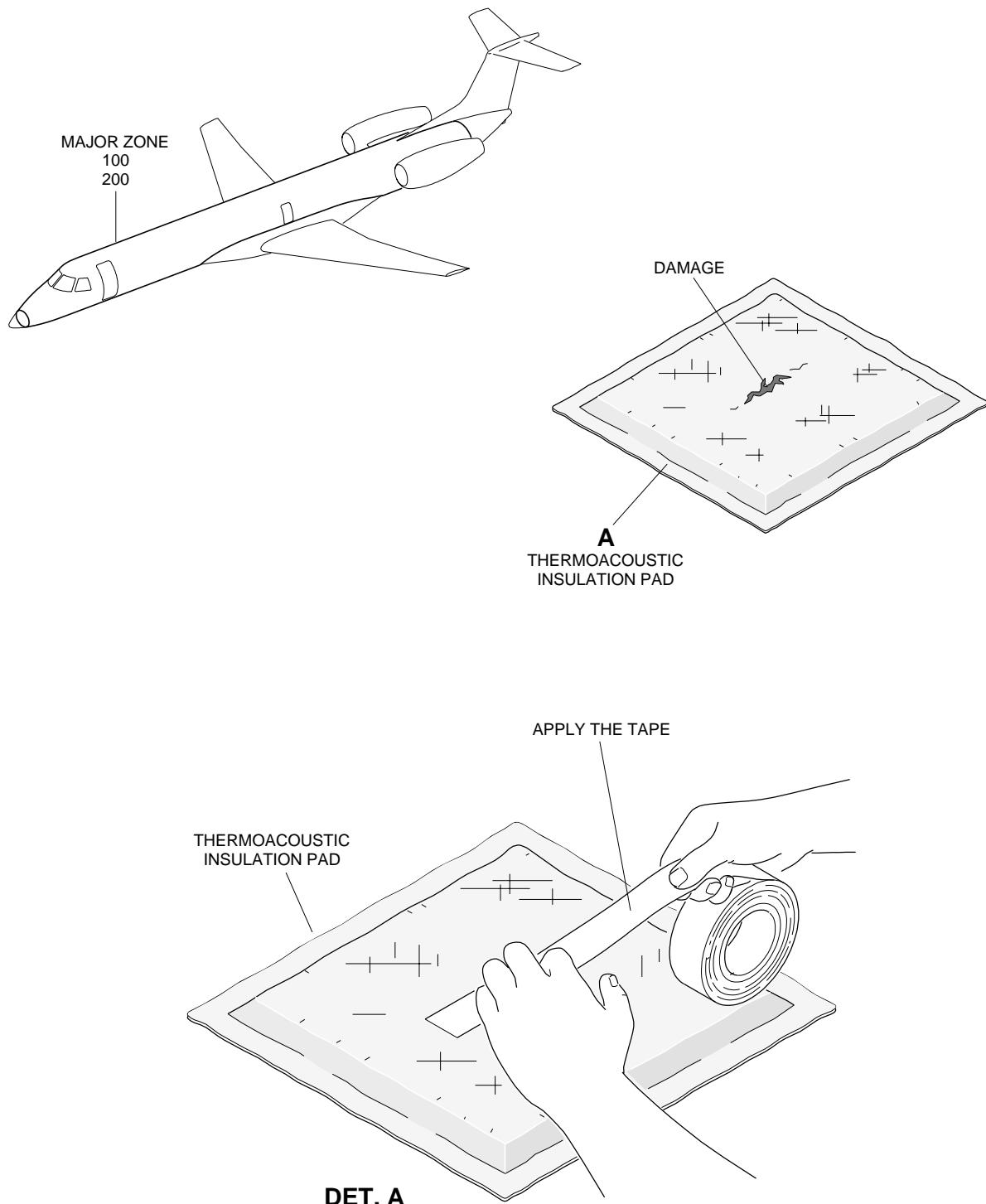
NOTE: • Make sure that the adhesive tape cover the damage fully.
• Apply pressure from one corner of the repair and work outward to prevent air bubbles.

- (6) Install the thermoacoustic insulation pad (AMM TASK 25-81-01-400-801-A/400) or (AMM TASK 25-81-01-400-802-A/400), as applicable.

EFFECTIVITY: ALL

Thermoacoustic Insulation Pad - Repair

Figure 801

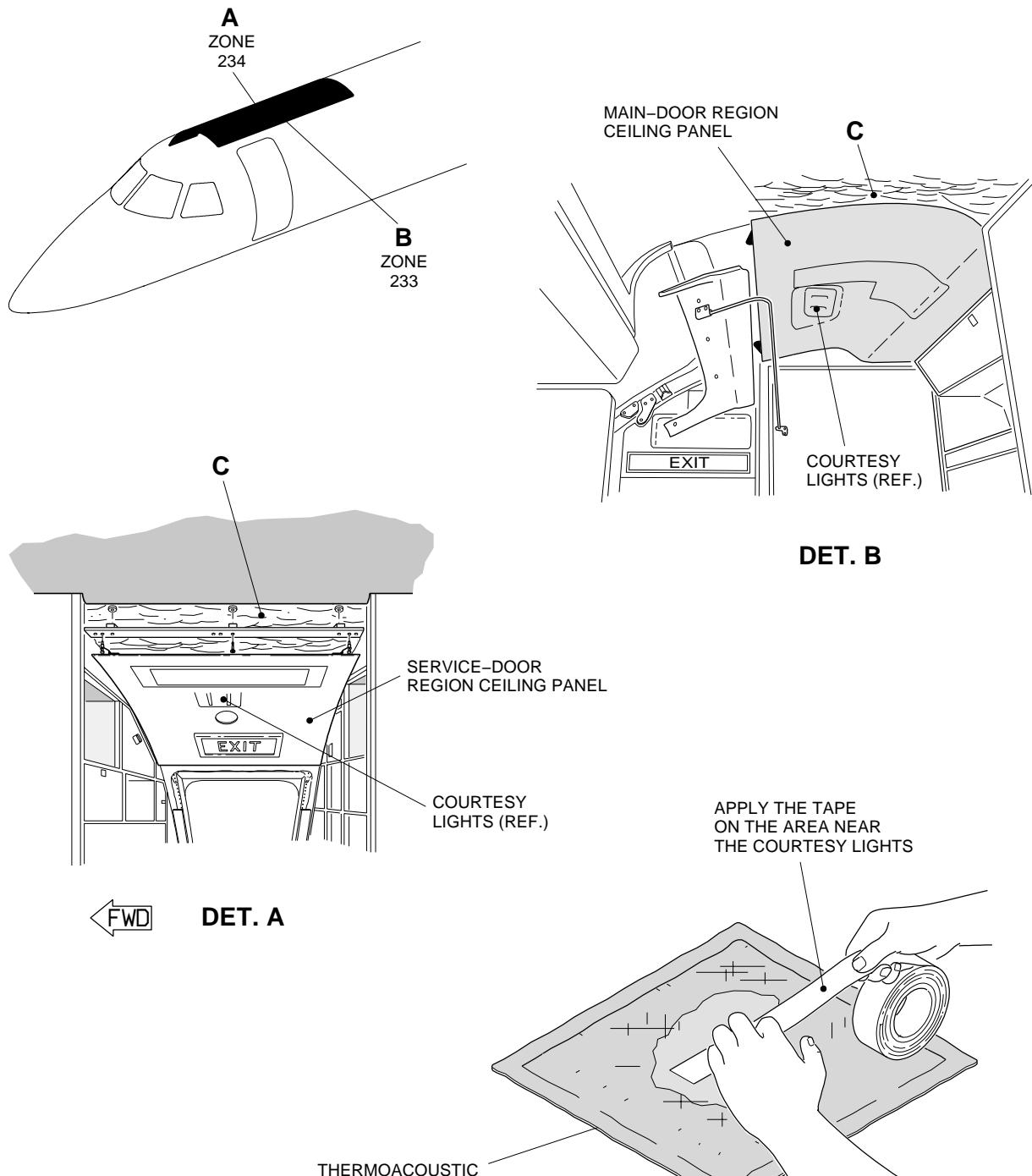


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EFFECTIVITY: ALL

Thermoacoustic Insulation over the Courtesy Lights - Repair

Figure 802



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