



AIRCRAFT
MAINTENANCE MANUAL

TEMPERATURE SIGNAL CONDITIONERS - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the temperature signal conditioners.
- 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
32-47-02-000-801-A	TEMPERATURE SIGNAL CONDITIONERS ALL - REMOVAL	
32-47-02-400-801-A	TEMPERATURE SIGNAL CONDITIONERS ALL - INSTALLATION	



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 32-47-02-000-801-A

EFFECTIVITY: ALL

2. TEMPERATURE SIGNAL CONDITIONERS - REMOVAL

A. General

- (1) This task gives the procedures to remove the temperature signal conditioners.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
193	193AL	Wing Stub

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	Wing Stub

I. Preparation

SUBTASK 841-002-A

- (1) Remove access panel 193AL (AMM MPP 06-41-01/100).

J. Removal (Figure 401)

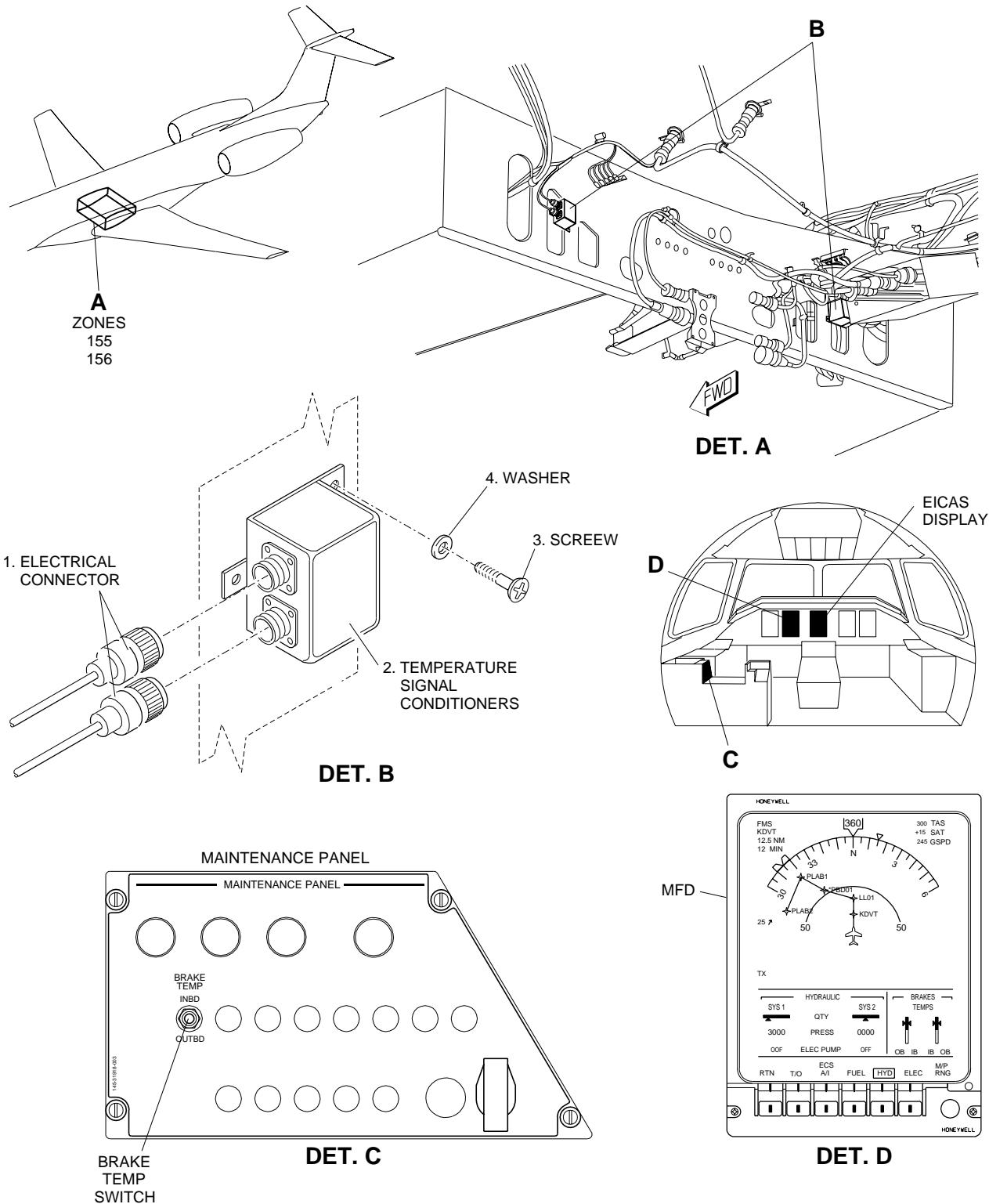
SUBTASK 020-002-A

- (1) Disconnect the electrical connectors (1) from the temperature signal conditioners (2).
- (2) Loosen the screws (3) and washers (4) to remove the temperature signal conditioners (2).
- (3) Remove the temperature signal conditioners (2).

EFFECTIVITY: ALL

Temperature Signal Conditioners - Removal/Installation

Figure 401





EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 32-47-02-400-801-A

EFFECTIVITY: ALL

3. TEMPERATURE SIGNAL CONDITIONERS - INSTALLATION

A. General

- (1) This task gives the procedures to install the temperature signal conditioners.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
193	193AL	Wing Stub

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	Wing Stub

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Install the temperature signal conditioners (2). Use the screws (3) and washers (4).
- (2) Connect the electrical connectors (1) to the temperature signal conditioners (2).

J. Follow-on

SUBTASK 842-002-A

- (1) Install access panel 193AL (AMM MPP 06-41-01/100).
- (2) Do the test of the temperature conditioner as follows:
 - (a) Energize aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

- (b) Select the hydraulic page in MFD display.
- (c) On the maintenance panel, actuate and hold the BRAKE TEMP switch to INBD or OUTBD position (see Figure 401).
 - 1 The bugs of the brake temperature indications on MFD display comes to the top position.
 - 2 The message BRAKE OVERHEAT comes to view on EICAS display.
- (d) Loosen the BRAKE TEMP switch
 - 1 The bugs of the brake temperature indications on MFD display goes to the bottom position.
 - 2 The message BRAKE OVERHEAT goes out of view on EICAS display.
- (e) Do the procedures above to the INDB (inboard) and OUTBD (outboard) position of brake temperature switch.
- (f) De-energize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

