



AIRCRAFT MAINTENANCE MANUAL

FAN AIR CONTROL THERMOSTAT - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the LH/RH fan-air control thermostat.
- 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
36-11-06-000-801-A	FAN-AIR CONTROL THERMOSTAT - REMOVAL	PRE-MOD S.B. 145-36-0009, REVISION 1
36-11-06-400-801-A	FAN-AIR CONTROL THERMOSTAT - INSTALLATION	PRE-MOD S.B. 145-36-0009, REVISION 1
36-11-06-000-802-A	FAN-AIR CONTROL THERMOSTAT - REMOVAL	POST-MOD S.B. 145-36-0009, REVISION 1
36-11-06-400-802-A	FAN-AIR CONTROL THERMOSTAT - INSTALLATION	POST-MOD S.B. 145-36-0009, REVISION 1
36-11-06-000-803-A	FAN-AIR CONTROL THERMOSTAT - REMOVAL	POST-MOD S.B. 145-36-0009, REVISION 1
36-11-06-400-803-A	FAN-AIR CONTROL THERMOSTAT - INSTALLATION	POST-MOD S.B. 145-36-0009, REVISION 1



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TASK 36-11-06-000-801-A

EFFECTIVITY: PRE-MOD S.B. 145-36-0009, REVISION 1

2. FAN-AIR CONTROL THERMOSTAT - REMOVAL

A. General

- (1) This task gives the instructions to remove the LH/RH fan-air control thermostat.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-43-00/100	- COMPONENT LOCATION
S.B.145-36-0009	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
414	414CB	LH pylon
414	414DB	LH pylon
424	424CB	RH pylon
424	424DB	RH pylon

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	At the LH/RH pylons

I. Preparation

SUBTASK 841-008-A

- (1) Remove access panels 414CB and 424CB ([AMM MPP 06-43-00/100](#)) for aircraft PRE-MOD [S.B.145-36-0009](#).
- (2) Remove access panels 414DB and 424DB ([AMM MPP 06-43-00/100](#)) for aircraft POST-MOD [S.B.145-36-0009](#).



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

SUBTASK 020-008-A

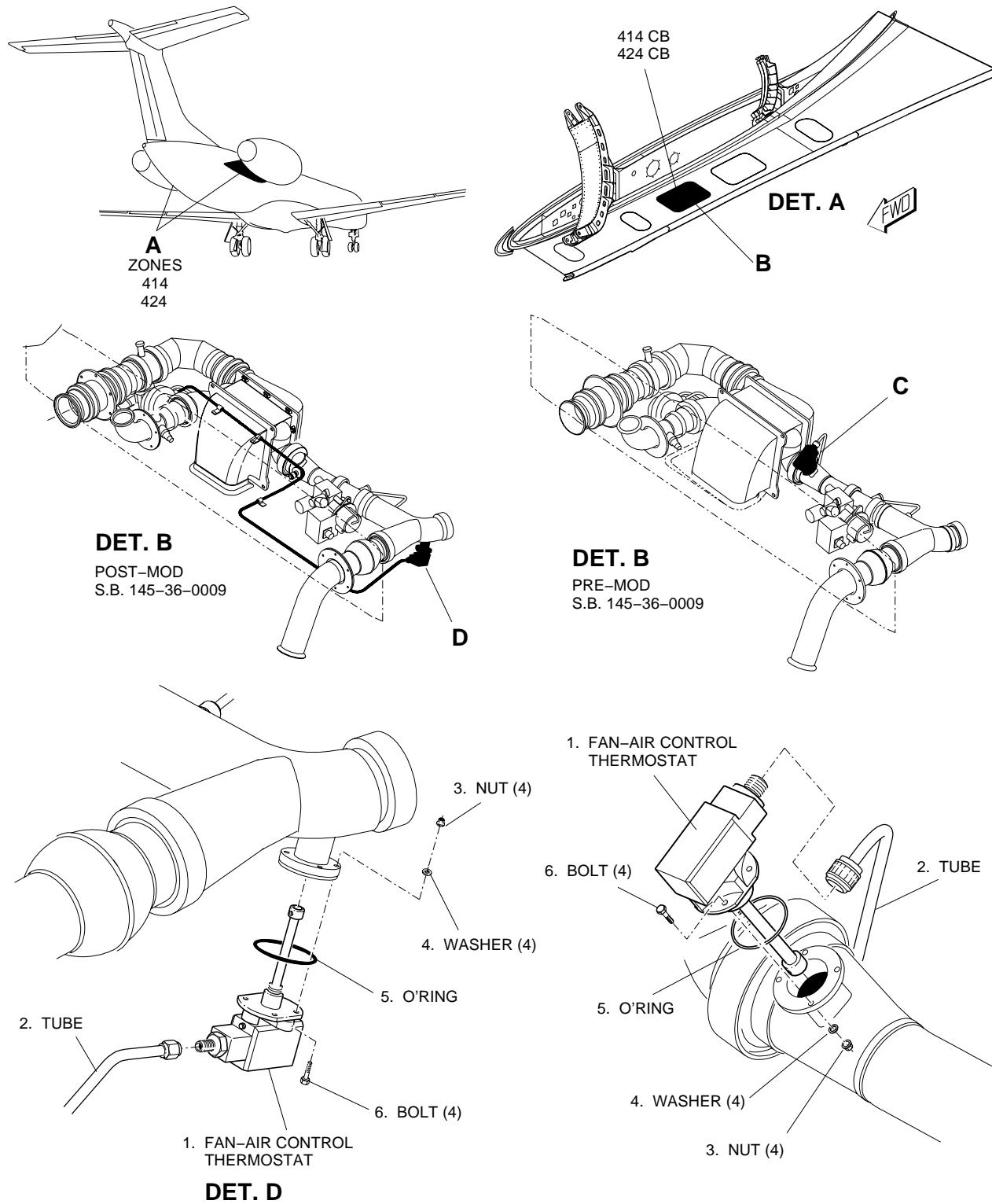
WARNING: DO NOT TOUCH THE BLEED-AIR SYSTEM DUCTS OR COMPONENTS IMMEDIATELY AFTER THE ENGINE OR APU STOPS, BECAUSE OF THE HIGH BLEED-AIR TEMPERATURE.

- (1) Remove the tube (2).
- (2) Remove the bolts (6).
- (3) Remove the washers (4).
- (4) Remove the nuts (3).
- (5) Remove the fan-air control thermostat (1).
- (6) Remove and discard the O-ring (5).

EFFECTIVITY: PRE-MOD S.B. 145-36-0009, REVISION 1

Fan-Air Control Thermostat - Removal/Installation

Figure 401



EM145AMM360014E.DGN



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TASK 36-11-06-400-801-A

EFFECTIVITY: PRE-MOD S.B. 145-36-0009, REVISION 1

3. FAN-AIR CONTROL THERMOSTAT - INSTALLATION

A. General

(1) This task gives the instructions to install the LH/RH fan-air control thermostat.

B. References

REFERENCE	DESIGNATION
36-11-06	-
AMM MPP 06-43-00/100	- COMPONENT LOCATION
AMM TASK 36-00-00-700-803-A/500	AIR BLEED SYSTEM - OPERATIONAL TEST
S.B.145-36-0009	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
414	414CB	LH pylon
414	414DB	LH pylon
424	424CB	RH pylon
424	424DB	RH pylon

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
O-ring	36-11-06	2

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	At the RH/LH pylons

I. Installation (Figure 401)

SUBTASK 420-002-A

(1) Install the O-ring (5).



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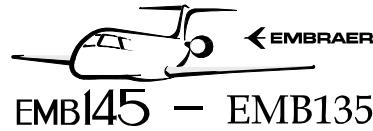
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- (2) Install the fan-air control thermostat (1).
- (3) Install the bolts (6).
- (4) Install the washers and nuts (4) (3).
- (5) Install the tube (2).

J. Follow-on

SUBTASK 842-002-A

- (1) Do the operational test of the LH or RH air bleed system (AMM TASK 36-00-00-700-803-A/500).
- (2) Install access panels 414CB and 424CB (AMM MPP 06-43-00/100) for aircraft PRE-MOD S.B.145-36-0009.
- (3) Install access panels 414DB and 424DB (AMM MPP 06-43-00/100) for aircraft POST-MOD S.B.145-36-0009.



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TASK 36-11-06-000-802-A

EFFECTIVITY: POST-MOD S.B. 145-36-0009, REVISION 1

4. FAN-AIR CONTROL THERMOSTAT - REMOVAL

A. General

(1) This task gives the instructions to remove the LH/RH fan-air control thermostat.

B. References

REFERENCE	DESIGNATION
36-11-06	-
AMM MPP 06-41-02/100	-
AMM TASK 53-01-03-000-801-A/400	BAGGAGE-COMPARTMENT FLOOR PANELS - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
271	271AF	LH floor panel of the baggage compartment
272	272AF	RH floor panel of the baggage compartment

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
GGA80TF/B	Grease	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
O-ring	36-11-06	02
Ring	36-11-06	01

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Inside the baggage compartment



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I. Preparation

SUBTASK 841-003-A

- (1) Remove floor panels 271AF and 272AF (AMM MPP 06-41-02/100 and [AMM TASK 53-01-03-000-801-A/400](#)).

J. Removal ([Figure 402](#))

SUBTASK 020-003-A

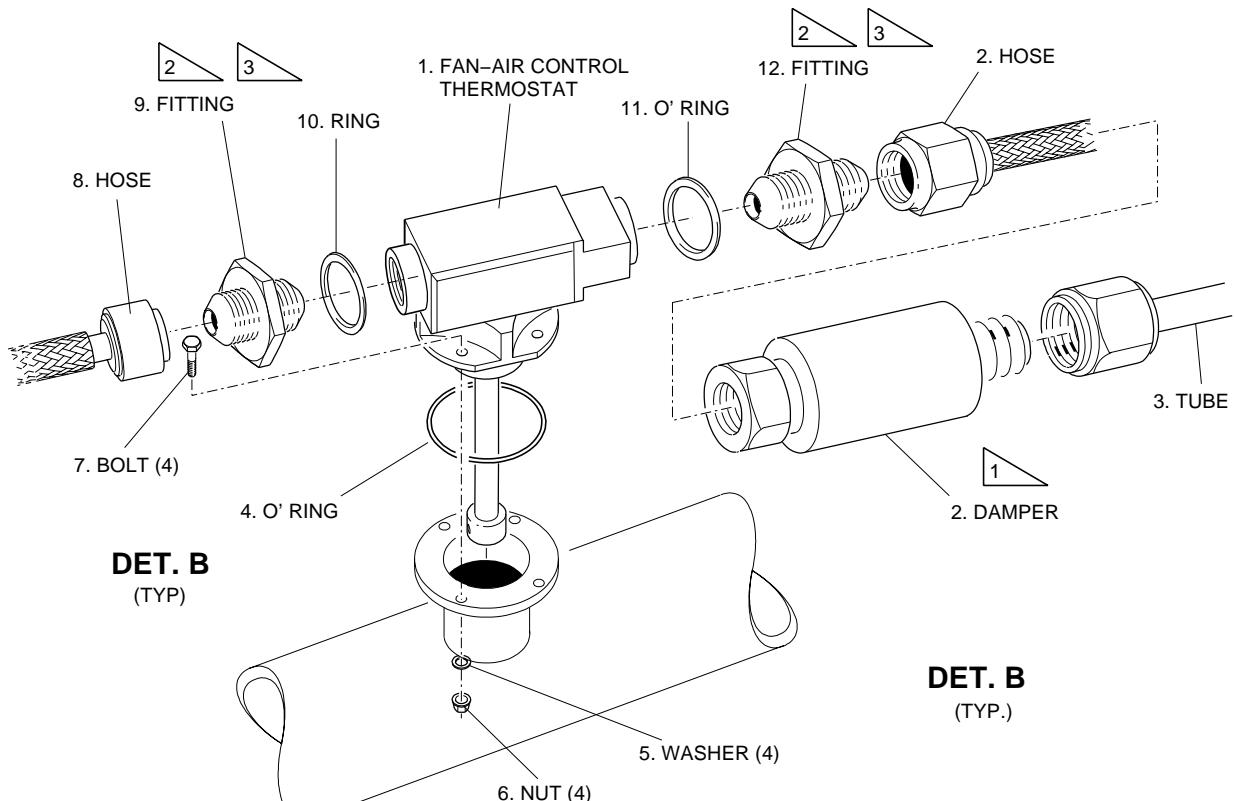
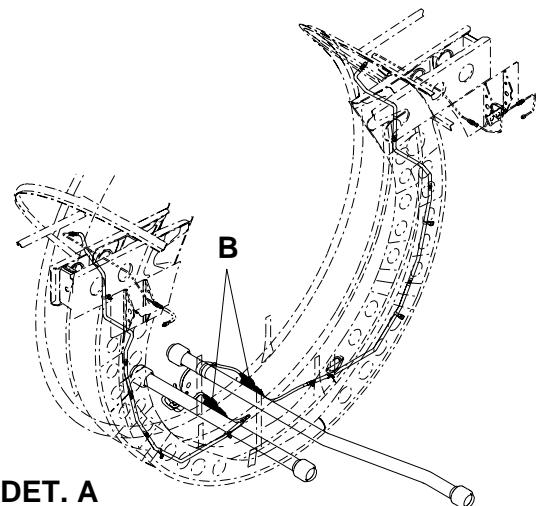
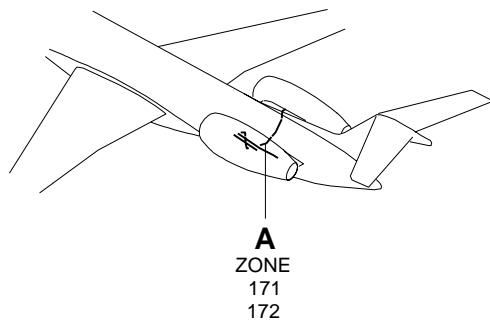
WARNING: DO NOT TOUCH THE BLEED-AIR SYSTEM DUCTS OR COMPONENTS IMMEDIATELY AFTER THE ENGINE OR APU STOPS, BECAUSE OF THE HIGH BLEED-AIR TEMPERATURE.

- (1) Remove the hose (8).
- (2) Remove the fitting (9).
- (3) Remove and discard the ring (10).
- (4) Remove the tube (3).
- (5) Remove the damper (2).
- (6) Remove the fitting (12).
- (7) Remove and discard the O-ring (11).
- (8) Remove the bolts (7).
- (9) Remove the nuts and washers (6) (5).
- (10) Remove the fan-air control thermostat (1).
- (11) Remove and discard the O-ring (4).

EFFECTIVITY: POST-MOD S.B. 145-36-0009, REVISION 1

Fan-Air Control Thermostat - Removal/Installation

Figure 402



1 THERMOSTAT WITH DAMPER

2 GREASE

3 TORQUE: 5.6 – 7.3 N.m (50 – 65 lb.in)

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TASK 36-11-06-400-802-A

EFFECTIVITY: POST-MOD S.B. 145-36-0009, REVISION 1

5. FAN-AIR CONTROL THERMOSTAT - INSTALLATION

A. General

(1) This task gives the instructions to install the LH/RH fan-air control thermostat.

B. References

REFERENCE	DESIGNATION
36-11-06	-
AMM MPP 06-41-02/100	-
AMM TASK 36-00-00-700-803-A/500	AIR BLEED SYSTEM - OPERATIONAL TEST
AMM TASK 53-01-03-400-801-A/400	BAGGAGE-COMPARTMENT FLOOR PANELS - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
271	271AF	LH floor panel of the baggage compartment
272	272AF	RH floor panel of the baggage compartment

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

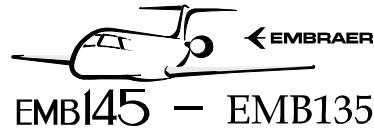
SPECIFICATION (BRAND)	DESCRIPTION	QTY
GGA80TF/B	Grease	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
O-ring	36-11-06	02
Ring	36-11-06	01

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Inside the baggage compartment



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I. Installation (Figure 402)

SUBTASK 420-003-A

- (1) Install the O-ring (4).
- (2) Install the fan-air control thermostat (1).
- (3) Install the bolts (7).
- (4) Install the washers and nuts (5) (6).
- (5) Lubricate fitting (12) with grease PN GGA80TF/B.
- (6) Install fitting (12) and new O-ring (11).
- (7) Apply torque of 5.6 - 7.3 N.m (50-65 lb.in) to the fitting (12) connected to the fan-air control thermostat (1).
- (8) Install the damper (2).
- (9) Install the tube (3).
- (10) Lubricate fitting (9) with grease PN GGA80TF/B.
- (11) Install fitting (9) and ring (10).
- (12) Apply torque of 5.6 - 7.3 N.m (50-65 lb.in) to the fitting (9) connected to the fan-air control thermostat (1).
- (13) Install the hose (8).

J. Follow-on

SUBTASK 842-003-A

- (1) Do the operational test of the LH or RH air bleed system ([AMM TASK 36-00-00-700-803-A/500](#)).
- (2) Install floor panels 271AF and 272AF (AMM MPP 06-41-02/100 and [AMM TASK 53-01-03-400-801-A/400](#)).



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TASK 36-11-06-000-803-A

EFFECTIVITY: POST-MOD S.B. 145-36-0009, REVISION 1

6. FAN-AIR CONTROL THERMOSTAT - REMOVAL

A. General

- (1) This task gives the instructions to remove the LH/RH fan-air control thermostat.

B. References

REFERENCE	DESIGNATION
36-11-06	-
AMM MPP 06-41-02/100	-
AMM TASK 53-01-03-000-801-A/400	BAGGAGE-COMPARTMENT FLOOR PANELS - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
271	271AF	LH floor panel of the baggage compartment
272	272AF	RH floor panel of the baggage compartment

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
O-ring	36-11-06	02
Ring	36-11-06	01

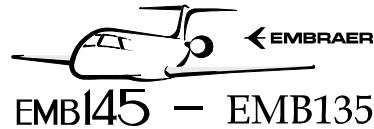
H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Inside the baggage compartment

I. Preparation

SUBTASK 841-004-A

- (1) Remove floor panels 271AF and 272AF (AMM MPP 06-41-02/100 and [AMM TASK 53-01-03-000-801-A/400](#)).



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J. Removal ([Figure 403](#))

SUBTASK 020-004-A

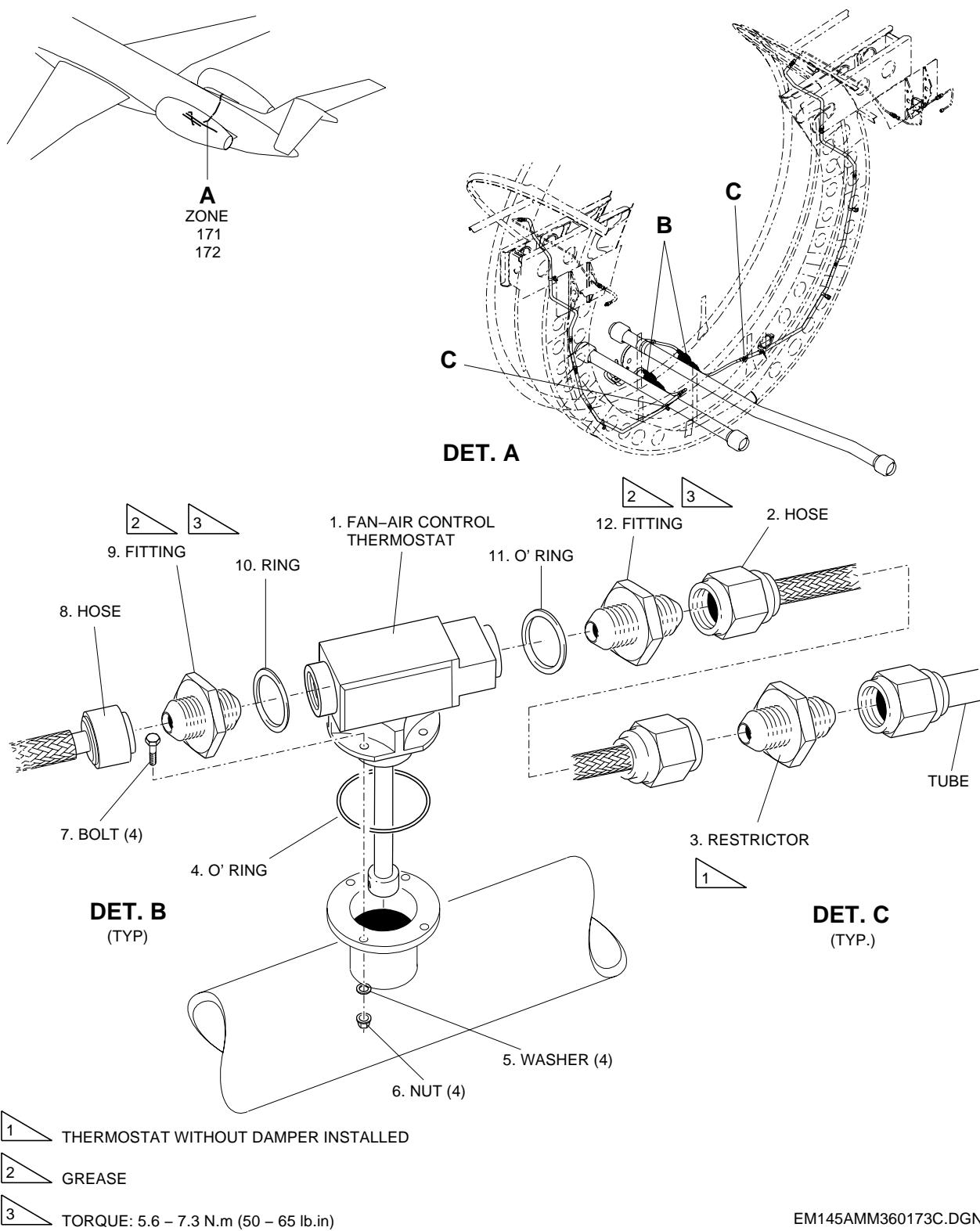
WARNING: DO NOT TOUCH THE BLEED-AIR SYSTEM DUCTS OR COMPONENTS IMMEDIATELY AFTER THE ENGINE OR APU STOPS, BECAUSE OF THE HIGH BLEED-AIR TEMPERATURE.

- (1) Remove the hoses (8) and (2).
- (2) Remove the fittings (9) and (12).
- (3) Remove and discard the ring (10) and O-ring (11).
- (4) Remove the bolts (7).
- (5) Remove the restrictor (3).
- (6) Remove the nuts (6) and washers (5).
- (7) Remove the fan-air control thermostat (1).
- (8) Remove and discard the O-ring (4).

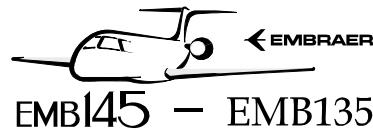
EFFECTIVITY: POST-MOD S.B. 145-36-0009, REVISION 1

Fan-Air Control Thermostat - Removal/Installation

Figure 403



EM145AMM360173C.DGN



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TASK 36-11-06-400-803-A

EFFECTIVITY: POST-MOD S.B. 145-36-0009, REVISION 1

7. FAN-AIR CONTROL THERMOSTAT - INSTALLATION

A. General

(1) This task gives the instructions to install the LH/RH fan-air control thermostat.

B. References

REFERENCE	DESIGNATION
36-11-06	-
AMM MPP 06-41-02/100	-
AMM TASK 36-00-00-700-803-A/500	AIR BLEED SYSTEM - OPERATIONAL TEST
AMM TASK 53-01-03-400-801-A/400	BAGGAGE-COMPARTMENT FLOOR PANELS - INSTALLATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
271	271AF	LH floor panel of the baggage compartment
272	272AF	RH floor panel of the baggage compartment

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
GGA80TF/B	Grease	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
O-ring	36-11-06	02
Ring	36-11-06	01

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Inside the baggage compartment



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I. Installation (Figure 403)

SUBTASK 420-004-A

- (1) Install the O-ring (4).
- (2) Install the fan-air control thermostat (1).
- (3) Install the bolts (7).
- (4) Install the restrictor (3).
- (5) Install the washers (5) and nuts (6).
- (6) Install ring (10) and O-ring (11)
- (7) Lubricate the fittings (9) and (12) with grease PN GGA80TF/B.
- (8) Install the fittings (9) and (12).
- (9) Apply torque of 5.6 - 7.3 N.m (50-65 lb.in) to the fittings (9) and (12) connected to the fan-air control thermostat (1).
- (10) Install the hoses (8) and (2).

J. Follow-on

SUBTASK 842-004-A

- (1) Do the operational test of the LH or RH air bleed system ([AMM TASK 36-00-00-700-803-A/500](#)).
- (2) Install floor panels 271AF and 272AF (AMM MPP 06-41-02/100 and [AMM TASK 53-01-03-400-801-A/400](#)).