



AIRCRAFT MAINTENANCE MANUAL

PICCOLO PRESSURE-DROP SWITCHES - REMOVAL/INSTALLATION

EFFECTIVITY: PRE-MOD. S.B. 145-30-0026

1. General

- A. This section gives the procedures to remove and install the piccolo pressure-drop switches of the Wing Thermal Anti-Icing System.
- B. These procedures are applicable to the LH and RH piccolo pressure-drop switches.
- C. The LH piccolo pressure-drop switch is installed on the LH side of the forward lower fairing.
- D. The RH piccolo pressure-drop switch is installed on the RH side of the forward lower fairing.
- E. 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
30-11-04-000-801-A	PICCOLO PRESSURE-DROP SWITCH - REMOVAL	PRE-MOD. S.B. 145-30-0026
30-11-04-400-801-A	PICCOLO PRESSURE-DROP SWITCH - INSTALLATION	PRE-MOD. S.B. 145-30-0026



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TASK 30-11-04-000-801-A

EFFECTIVITY: PRE-MOD. S.B. 145-30-0026

2. PICCOLO PRESSURE-DROP SWITCH - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the piccolo pressure-drop switch of the Wing Thermal Anti-Icing System.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
S.B.145-30-0019	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
511	511AL	LH side of the forward lower fairing
611	611AR	RH side of the forward lower fairing

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

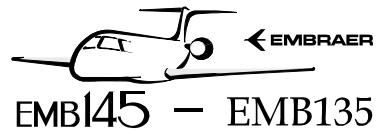
H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	LH or RH side of the forward lower fairing
1	Helps the other technician	LH or RH side of the forward lower fairing

I. Preparation

SUBTASK 841-002-A

- (1) On the Circuit Breaker Panel, open the WING circuit breaker and attach a DO-NOT-CLOSE tag to it.
 - WING: (Location Tip: DC BUS 1/ICE AND RAIN PROTECTION/WING).
- (2) Remove access panel 511AL or 611AR (AMM MPP 06-41-01/100).
- (3) Remove the landing light lens.



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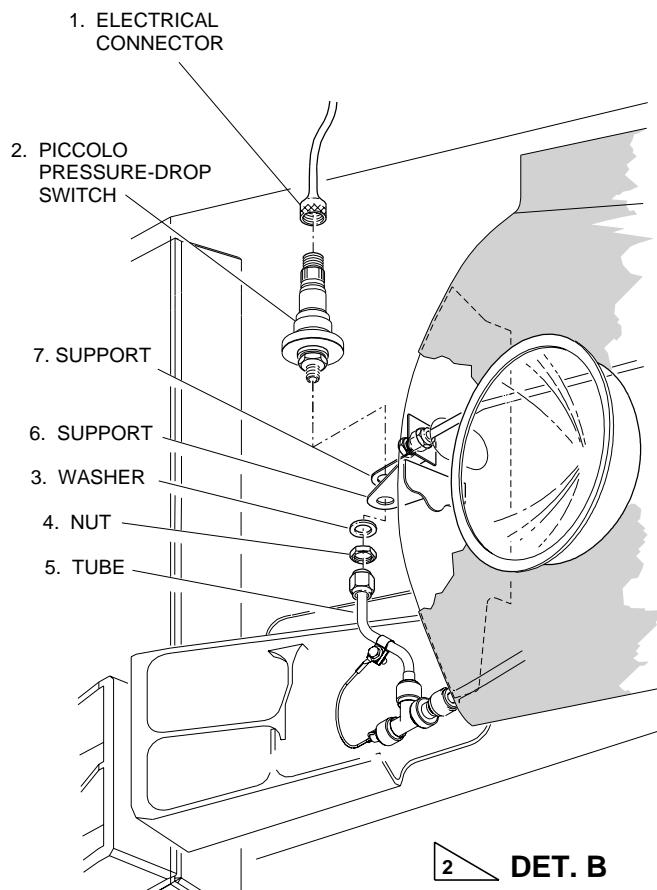
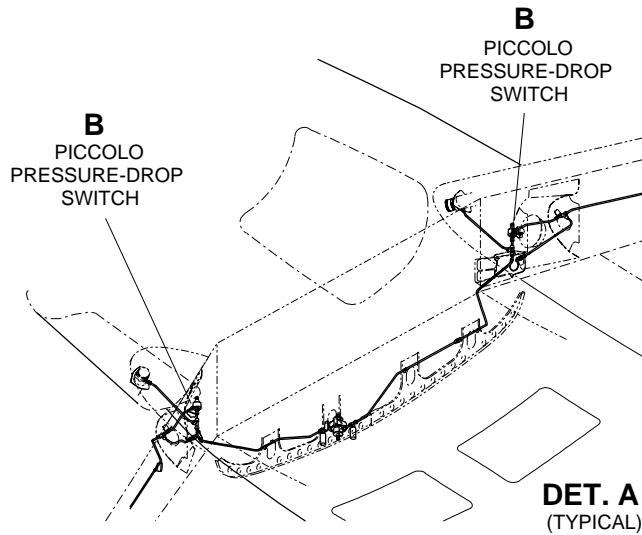
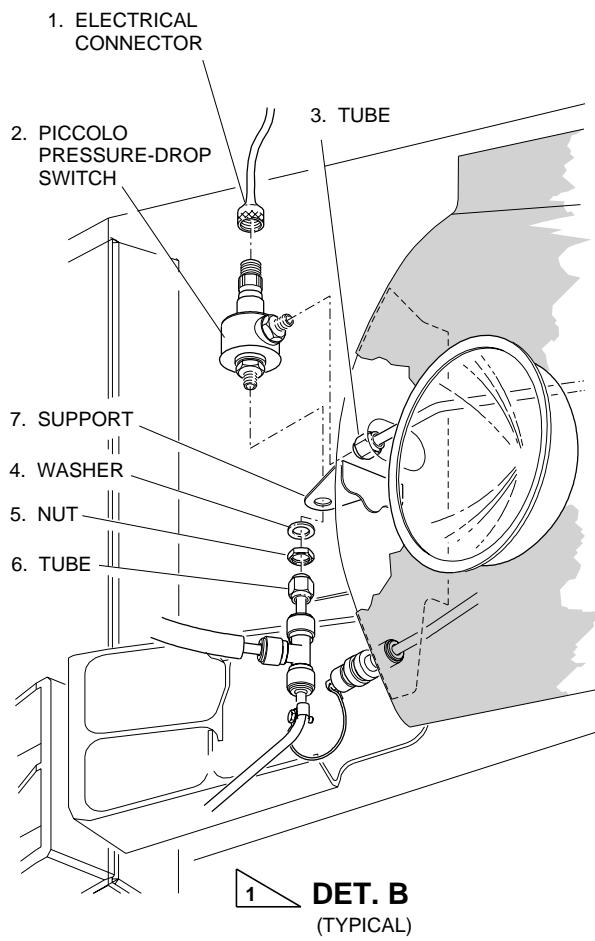
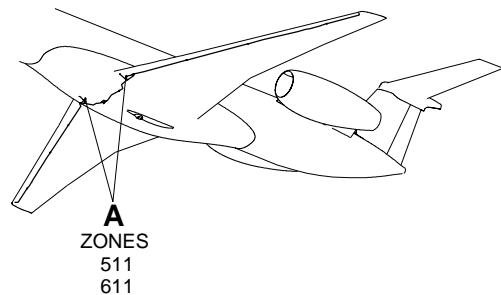
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J. Removal ([Figure 401](#))

SUBTASK 020-002-A

- (1) Applicable only to aircraft PRE-MOD. [S.B.145-30-0019](#).
 - (a) Disconnect the electrical connector (1).
 - (b) Disconnect the tubes (3) and (6).
 - (c) Remove the nut (5) and washer (4).
 - (d) Remove the piccolo pressure-drop switch (2) from the support (7).
- (2) Applicable only to aircraft POST-MOD. [S.B.145-30-0019](#).
 - (a) Disconnect the electrical connector (1).
 - (b) Disconnect the tube (5).
 - (c) Remove the nut (4) and washer (3).
 - (d) Remove the piccolo pressure-drop switch (2) from the supports (6) and (7).

EFFECTIVITY: PRE-MOD. S.B. 145-30-0026
Piccolo Pressure-Drop Switch - Removal/Installation
Figure 401



1 PRE-MOD S.B. 145-30-0019

2 POST-MOD S.B. 145-30-0019

2 **DET. B (TYPICAL)**
145AMM300037.MCE C



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TASK 30-11-04-400-801-A

EFFECTIVITY: PRE-MOD. S.B. 145-30-0026

3. PICCOLO PRESSURE-DROP SWITCH - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the piccolo pressure-drop switch of the Wing Thermal Anti-Icing System.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
S.B.145-30-0019	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
511	511AL	LH side of the forward lower fairing
611	611AR	RH side of the forward lower fairing

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	LH or RH side of the forward lower fairing
1	Helps the other technician	LH or RH side of the forward lower fairing

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Applicable only to aircraft PRE-MOD. **S.B.145-30-0019**.

- (a) Put the piccolo pressure-drop switch (2) on the support (7).
- (b) Install the washer (4) and nut (5) to attach the piccolo pressure-drop switch (2) to the support (7).
- (c) Connect the tubes (3) and (6).



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- (d) Connect the electrical connector (1).
- (2) Applicable only to aircraft POST-MOD. [S.B.145-30-0019](#).
 - (a) Put the piccolo pressure-drop switch (2) on the supports (6) and (7).
 - (b) Install the washer (3) and nut (4) to attach the piccolo pressure-drop switch (2) to the support (6).
 - (c) Connect the tube (5).
 - (d) Connect the electrical connector (1).

J. Follow-on

SUBTASK 842-002-A

- (1) On the Circuit Breaker Panel, close the WING circuit breaker and remove the DO-NOT-CLOSE tag from it.
 - WING: (Location Tip: DC BUS 1/ICE AND RAIN PROTECTION/WING).
- (2) Examine the tube connections for leaks.
- (3) Install access panel 511AL or 611AR (AMM MPP 06-41-01/100).
- (4) Install the landing light lens.