

CHAPTER

36

PNEUMATIC

Subject/Page	Date	COC	Subject/Page	Date	COC	Subject/Page	Date	COC
36-EFFECTIVE PAGES								
1	JUN 15/2016							
2	BLANK							
36-020-01-01 SYS								
1	Feb 15/2016							
2	Jun 15/2015							
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6	Jun 15/2015							
7	Jun 15/2015							
36-020-02-01 SYS								
1	Feb 15/2016							
2	Jun 15/2015							
3	Feb 15/2016							
4	Feb 15/2016							
5	Jun 15/2015							
6	Jun 15/2015							
7	Jun 15/2015							
36-030-01-01 SYS								
1	Feb 15/2016							
2	Jun 15/2015							
3	Feb 15/2015							
4	Feb 15/2016							
5	Jun 15/2015							
6	Jun 15/2015							
7	Jun 15/2015							
36-030-02-01 SYS								
1	Feb 15/2016							
2	Jun 15/2015							
3	Feb 15/2015							
4	Feb 15/2016							
5	Jun 15/2015							
6	Jun 15/2015							
7	Jun 15/2015							

A = Added, R = Revised, D = Deleted, O = Overflow, C = Customer Originated Change

36-EFFECTIVE PAGES

AIRLINE CARD NO		TITLE PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - LEFT			BOEING CARD NO. 36-020-01-01
DATE	TASK FUNCTIONAL				RELATED CARD
TAIL NUMBER	WORK AREA ENG/STRUT	VERSION 1.1	THRESHOLD 16000 FH	REPEAT 16000 FH	APPLICABILITY AIRPLANE ALL ENGINE ALL
STATION	SKILL AIRPL				
		ACCESS 415 416			ZONE 411

Functionally check the left precooler control valve and wing TAI solenoid.

A. References

Reference	Title
AMM 30-11-12-000-801	Ground Wing Thermal Anti-Icing Solenoid Valve Removal (P/B 401)
AMM 30-11-12-400-801	Ground Wing Thermal Anti-Icing Solenoid Valve Installation (P/B 401)
AMM 36-00-00-860-806	Remove Pressure from the Pneumatic System (P/B 201)
AMM 78-31-00-010-801-F00	Open the Thrust Reverser (Selection) (P/B 201)
AMM 78-31-00-010-804-F00	Close the Thrust Reverser (Selection) (P/B 201)

B. Consumable Materials

Reference	Description	Specification
D00006	Compound - Antiseize Pure Nickel Special - Never-Seez NSBT	BAC5008
D00010	Compound - Thread Antiseize, High Temperature	MIL-PRF-907
G50135	Leak Detector - Liquid, Non-Corrosive Soap Compound	MIL-PRF-25567

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-13770	737 Pneumatic Test Kit Part #: 1945-04-08 Supplier: 6Q1D1 Part #: 1945-04-09 Supplier: 6Q1D1
SPL-4350	Test Equipment - Engine Bleed Air Systems Part #: C36001-64 Supplier: 81205
STD-1453	Gauge - Pressure, 0-250 PSIG (0-1724 KPa)
STD-1454	Regulator - Pressure, 0 to 250 PSI with Pressure Gauge, 3/8 Inch ID Connections
STD-1455	Source - Nitrogen, 0-250 PSIG
STD-3907	Mirror - Dental
STD-3942	Hose - Air, Flexible, 3/8 inch (.9525 cm) ID, Length as Needed

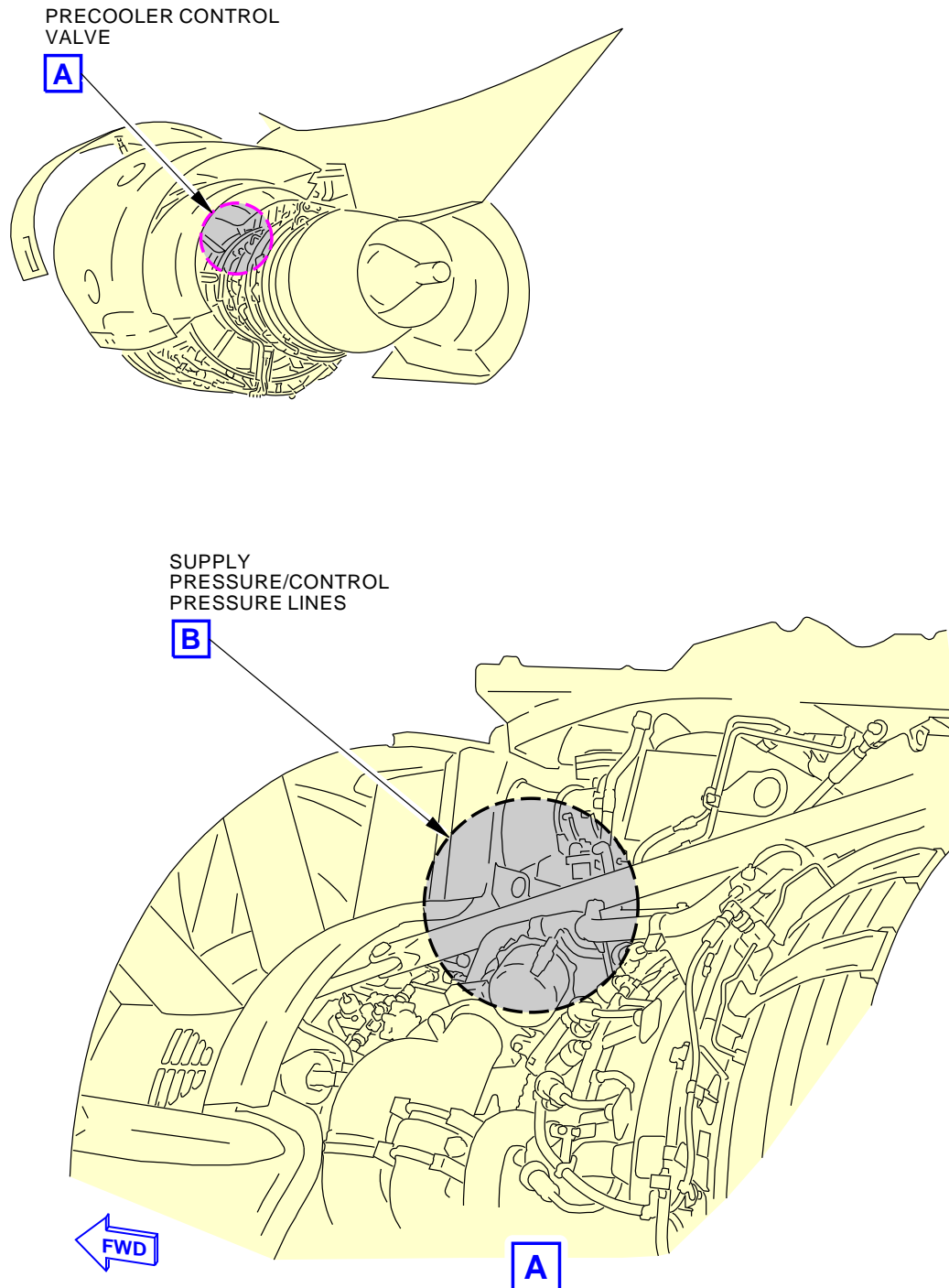
EFFECTIVITY AKS ALL	SOURCE MRB	PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - LEFT D633A109-AKS 36-020-01-01	Page 1 of 7 Feb 15/2016
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DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 36-020-01-01	
TASK 36-12-00-710-802 1. Precooler Control Valve Functional Test Figure 1 A. General (1) This procedure uses a nitrogen supply source and pneumatic test equipment to perform an operational test of the precooler control valve. B. Preparation for the Test SUBTASK 36-12-00-860-010 (1) Make sure the engine start lever is in the CUTOFF position: (a) Install a DO-NOT-OPERATE tag on the applicable start lever. SUBTASK 36-12-00-860-011 WARNING: REMOVE THE PRESSURE FROM THE PNEUMATIC DUCTS BEFORE YOU REMOVE A PNEUMATIC SYSTEM COMPONENT. HOT HIGH PRESSURE AIR CAN CAUSE INJURIES TO PERSONNEL OR DAMAGE TO EQUIPMENT. (2) Remove pressure from the pneumatic system. Do this task: Remove Pressure from the Pneumatic System, AMM TASK 36-00-00-860-806. SUBTASK 36-12-00-860-013 (3) Make sure that the WING ANTI-ICE switch on the engine and wing anti-ice control panel P5-11 is in the OFF position. SUBTASK 36-12-00-860-012 (4) Do this task: Open the Thrust Reverser (Selection), AMM TASK 78-31-00-010-801-F00. C. Precooler Control Valve Functional Test NOTE: If you have a test kit, COM-13770, it is not necessary to obtain the individual COM and STD test equipment shown in the tool list as they are contained in the test kit. The engine bleed air system test equipment, SPL-4350, contains all of the individual COM and STD test equipment shown in the tool list. SUBTASK 36-12-00-480-015 (1) Connect a nitrogen source to the supply pressure sense line [2] to the precooler control valve [7] as follows: (a) Disconnect the bleed air supply line [4] at the inlet tee to the supply pressure sense line [2]. 1) Loosen the other end of the bleed air supply line [4] and move it out of the way. (b) Connect a nitrogen source, STD-1455, pressure regulator, STD-1454, pressure gauge, STD-1453 (Ps), 3/8 inch (.9525 cm) ID flexible air hose, length as needed, STD-3942 at the tee to the supply pressure sense line [2]. SUBTASK 36-12-00-710-011 (2) Do a check of the minimum closing pressure of the precooler control valve as follows: (a) Adjust the regulator on the nitrogen pressure source, STD-1455 to provide 130 - 250 psi (9- 17 Bar or 900-1700 kPa) to the pressure regulator, STD-1454.				MECH	INSP
EFFECTIVITY AKS ALL		SOURCE MRB	PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - LEFT D633A109-AKS 36-020-01-01		

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 36-020-01-01	
<p>(b) Slowly open the regulator, STD-1454 to increase the supply pressure (Ps) to 14.0 - 15.0 psig.</p> <p>(c) Examine the position indicator [1] on the precooler control valve [7]:</p> <p>1) Use a dental mirror, STD-3907, if necessary.</p> <p>(d) Did the position indicator [1] on the precooler control valve [7] show that the valve moved to fully closed or within 30 degrees of fully closed? If yes, this task is complete. If no, then do these steps:</p> <p>1) Put a cap [9] on the sense line to the precooler control valve 390° sensor in the engine compartment as shown in Figure 1, View C.</p> <p>2) Increase supply pressure (Ps) to 14 - 15 psig.</p> <p>3) Did the precooler control valve move to fully closed or to within 30 degrees of fully closed?</p> <p>a) If yes, there is a leak in the sense lines to the 390° sensor or in the 390° sensor. Do a check of the sense lines and 390° sensor for leaks.</p> <p><1> If leaks are found, repair or replace as necessary.</p> <p>b) If no, continue.</p> <p>4) Increase supply pressure (Ps) to 70 - 75 psig.</p> <p><u>NOTE:</u> Supply pressure (Ps) is increased to 70 - 75 psig so that leaks in the sense lines and fittings will be easier to detect.</p> <p>5) Use leak detector, G50135, to examine these areas for nitrogen leakage:</p> <p>a) The supply pressure (Ps) sense line [2] and fitting to the precooler control valve [7]</p> <p>b) The test line and fittings from the nitrogen source to the supply pressure sense line [2]</p> <p>c) The sense line and fittings between the precooler control valve [7] and the control pressure (Pc) sense line where it connects to the bottom of the pylon</p> <p>d) The sense line and fittings between the precooler control [7] and the wing TAI solenoid valve</p> <p>e) Wing TAI solenoid valve.</p> <p>6) Decrease Ps to 0 psig and repair all leakage found.</p> <p>a) If leakage is found at the wing TAI solenoid, do these tasks to replace the wing thermal anti-icing solenoid valve:</p> <p><1> Do this task: Ground Wing Thermal Anti-Icing Solenoid Valve Removal, AMM TASK 30-11-12-000-801</p> <p><2> Do this task: Ground Wing Thermal Anti-Icing Solenoid Valve Installation, AMM TASK 30-11-12-400-801.</p> <p>b) Use compound, D00010, or Never-Seez NSBT compound, D00006, on the threads of all fittings when connecting the sense lines.</p> <p>7) Increase supply pressure (Ps) to 14 - 15 psig.</p>				MECH	INSP
EFFECTIVITY AKS ALL		SOURCE MRB	PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - LEFT D633A109-AKS 36-020-01-01		

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 36-020-01-01	
<p>a) If the precooler control valve does not move to fully closed or to within 30 degrees of fully closed, replace the precooler control valve as follows:</p> <p><1> Precooler Control Valve Removal, TASK 36-12-02-000-801</p> <p><2> Precooler Control Valve Installation, TASK 36-12-02-400-801.</p> <p><a> Use compound, D00010, or Never-Seez NSBT compound, D00006, on the threads of all fittings when connecting the sense lines.</p> <p>D. Return the Airplane Back to Its Usual Condition</p> <p>SUBTASK 36-12-00-080-006</p> <p>(1) Do the following to remove the supply pressure (Ps) test equipment and reinstall the bleed air supply line to the supply pressure (Ps) sense line inlet tee.</p> <p>(a) Remove the nitrogen source, STD-1455, pressure regulator, STD-1454, supply pressure gauge, STD-1453, and test line from the supply pressure (Ps) sense line [2].</p> <p>(b) Connect the bleed air supply line [4] to the supply pressure sense line [2] (Figure 1, View B).</p> <p>1) Tighten all sense line tube nuts to 133.0 pound-inches — 147.0 pound-inches (15.0 Newton-meters — 16.6 Newton-meters).</p> <p><u>NOTE:</u> Use compound, D00010, or Never-Seez NSBT compound, D00006, on the threads of all fittings when connecting the sense lines.</p> <p>SUBTASK 36-12-00-860-009</p> <p>(2) Close the thrust reverser. Do this task: Close the Thrust Reverser (Selection), AMM TASK 78-31-00-010-804-F00.</p> <p>SUBTASK 36-12-00-440-002</p> <p>(3) Remove the DO-NOT-OPERATE tag from the applicable engine start lever.</p> <p style="text-align: center;">———— END OF TASK ————</p>				MECH	INSP
EFFECTIVITY AKS ALL		SOURCE MRB	PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - LEFT D633A109-AKS 36-020-01-01		

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 36-020-01-01
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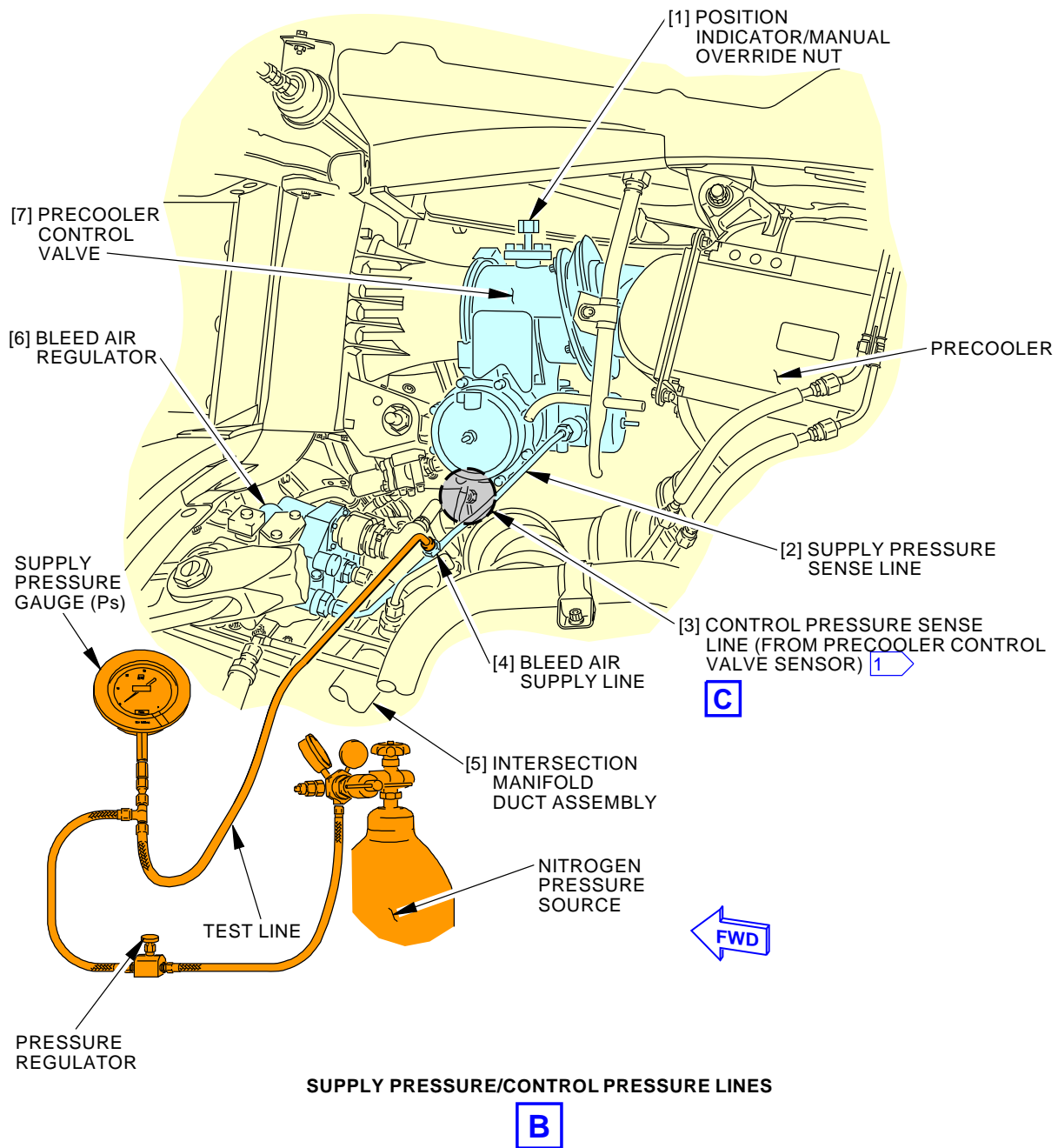


2326505 S0000528549_V2

Precooler Control Valve Functional Test
Figure 1 (Sheet 1 of 3)

EFFECTIVITY AKS ALL	SOURCE MRB	PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - LEFT D633A109-AKS 36-020-01-01	Page 5 of 7 Jun 15/2015
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DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 36-020-01-01
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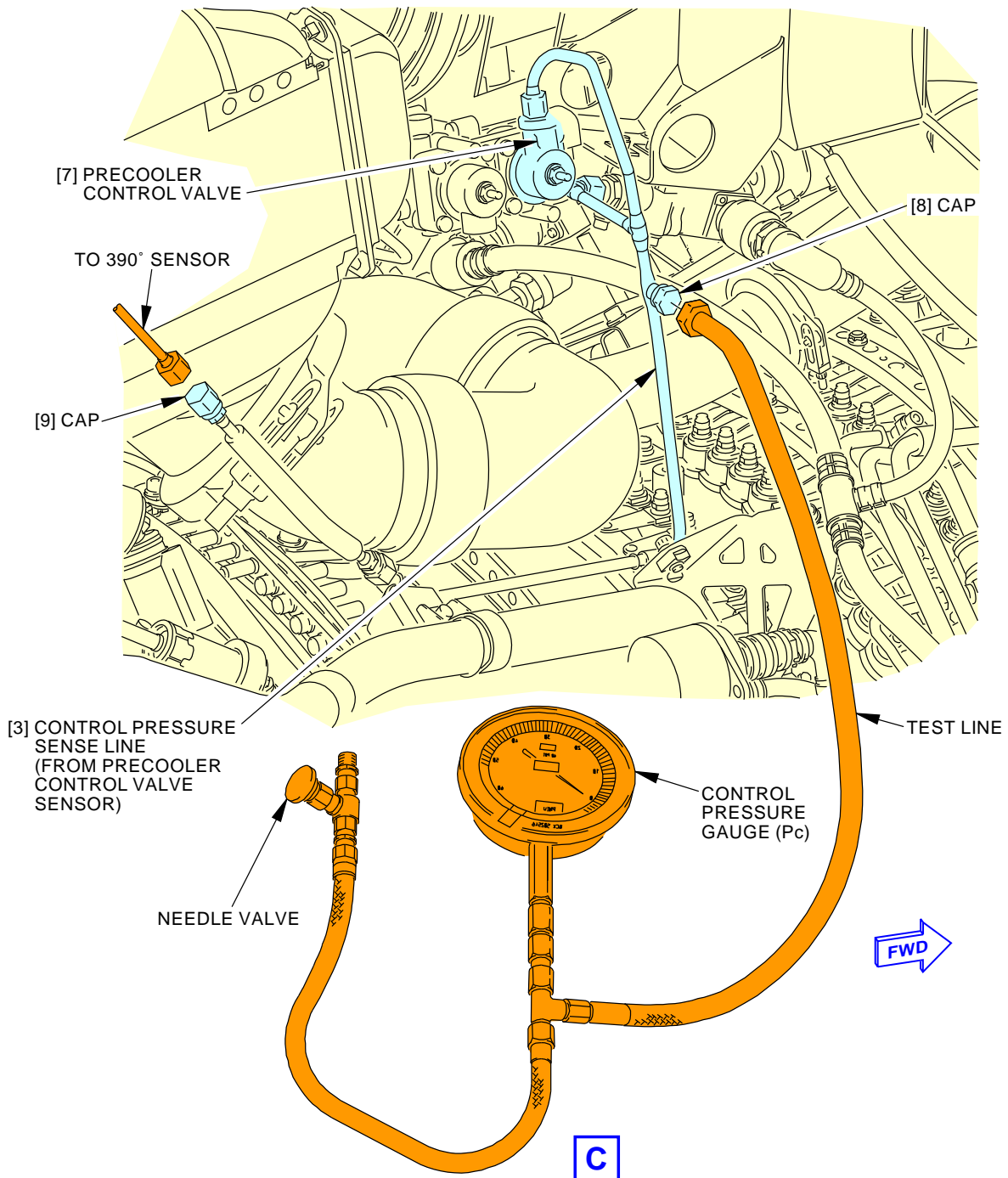
1 ACCESS FROM RIGHT SIDE OF ENGINE

2326508 S0000528557_V2

**Precooler Control Valve Functional Test
Figure 1 (Sheet 2 of 3)**

EFFECTIVITY AKS ALL	SOURCE MRB	PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - LEFT D633A109-AKS 36-020-01-01	Page 6 of 7 Jun 15/2015
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DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 36-020-01-01
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G15719 S0006577991_V5

**Precooler Control Valve Functional Test
Figure 1 (Sheet 3 of 3)**

EFFECTIVITY AKS ALL	SOURCE MRB	PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - LEFT D633A109-AKS 36-020-01-01	Page 7 of 7 Jun 15/2015
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AIRLINE CARD NO		TITLE PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - RIGHT			BOEING CARD NO. 36-020-02-01
DATE	TASK FUNCTIONAL				RELATED CARD
TAIL NUMBER	WORK AREA ENG/STRUT	VERSION 1.1	THRESHOLD 16000 FH	REPEAT 16000 FH	APPLICABILITY AIRPLANE ALL ENGINE ALL
STATION	SKILL AIRPL				
		ACCESS 425 426			ZONE 421

Functionally check the right precooler control valve and wing TAI solenoid.

A. References

Reference	Title
AMM 30-11-12-000-801	Ground Wing Thermal Anti-Icing Solenoid Valve Removal (P/B 401)
AMM 30-11-12-400-801	Ground Wing Thermal Anti-Icing Solenoid Valve Installation (P/B 401)
AMM 36-00-00-860-806	Remove Pressure from the Pneumatic System (P/B 201)
AMM 78-31-00-010-801-F00	Open the Thrust Reverser (Selection) (P/B 201)
AMM 78-31-00-010-804-F00	Close the Thrust Reverser (Selection) (P/B 201)

B. Consumable Materials

Reference	Description	Specification
D00006	Compound - Antiseize Pure Nickel Special - Never-Seez NSBT	BAC5008
D00010	Compound - Thread Antiseize, High Temperature	MIL-PRF-907
G50135	Leak Detector - Liquid, Non-Corrosive Soap Compound	MIL-PRF-25567

C. Tools/Equipment

NOTE: When more than one tool part number is listed under the same "Reference" number, the tools shown are alternates to each other within the same airplane series. Tool part numbers that are replaced or non-procurable are preceded by "Opt:", which stands for Optional.

Reference	Description
COM-13770	737 Pneumatic Test Kit Part #: 1945-04-08 Supplier: 6Q1D1 Part #: 1945-04-09 Supplier: 6Q1D1
SPL-4350	Test Equipment - Engine Bleed Air Systems Part #: C36001-64 Supplier: 81205
STD-1453	Gauge - Pressure, 0-250 PSIG (0-1724 KPa)
STD-1454	Regulator - Pressure, 0 to 250 PSI with Pressure Gauge, 3/8 Inch ID Connections
STD-1455	Source - Nitrogen, 0-250 PSIG
STD-3907	Mirror - Dental
STD-3942	Hose - Air, Flexible, 3/8 inch (.9525 cm) ID, Length as Needed

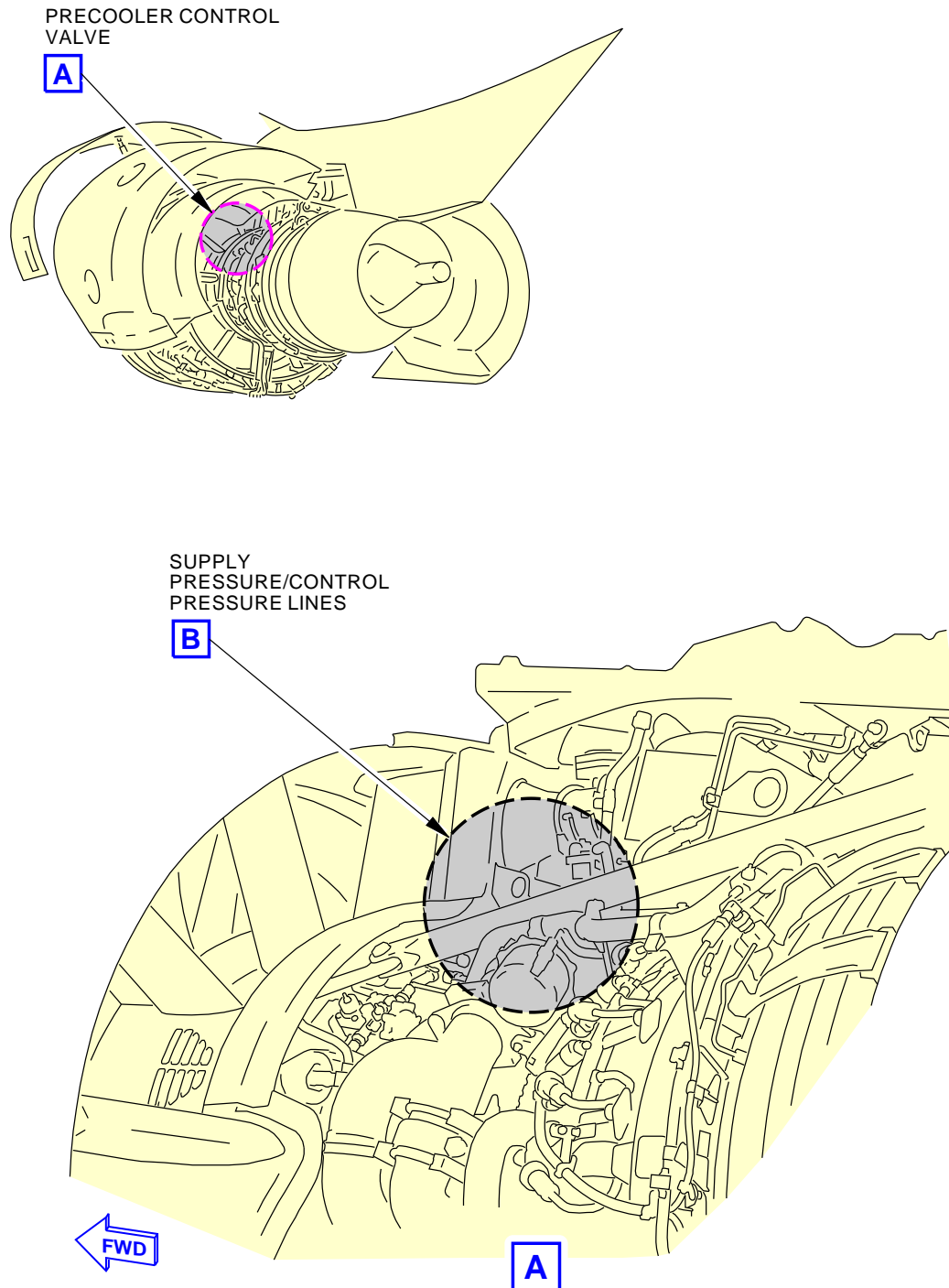
EFFECTIVITY AKS ALL	SOURCE MRB	PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - RIGHT D633A109-AKS 36-020-02-01	Page 1 of 7 Feb 15/2016
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DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 36-020-02-01	
TASK 36-12-00-710-802 1. Precooler Control Valve Functional Test Figure 1 A. General (1) This procedure uses a nitrogen supply source and pneumatic test equipment to perform an operational test of the precooler control valve. B. Preparation for the Test SUBTASK 36-12-00-860-010 (1) Make sure the engine start lever is in the CUTOFF position: (a) Install a DO-NOT-OPERATE tag on the applicable start lever. SUBTASK 36-12-00-860-011 WARNING: REMOVE THE PRESSURE FROM THE PNEUMATIC DUCTS BEFORE YOU REMOVE A PNEUMATIC SYSTEM COMPONENT. HOT HIGH PRESSURE AIR CAN CAUSE INJURIES TO PERSONNEL OR DAMAGE TO EQUIPMENT. (2) Remove pressure from the pneumatic system. Do this task: Remove Pressure from the Pneumatic System, AMM TASK 36-00-00-860-806. SUBTASK 36-12-00-860-013 (3) Make sure that the WING ANTI-ICE switch on the engine and wing anti-ice control panel P5-11 is in the OFF position. SUBTASK 36-12-00-860-012 (4) Do this task: Open the Thrust Reverser (Selection), AMM TASK 78-31-00-010-801-F00. C. Precooler Control Valve Functional Test NOTE: If you have a test kit, COM-13770, it is not necessary to obtain the individual COM and STD test equipment shown in the tool list as they are contained in the test kit. The engine bleed air system test equipment, SPL-4350, contains all of the individual COM and STD test equipment shown in the tool list. SUBTASK 36-12-00-480-015 (1) Connect a nitrogen source to the supply pressure sense line [2] to the precooler control valve [7] as follows: (a) Disconnect the bleed air supply line [4] at the inlet tee to the supply pressure sense line [2]. 1) Loosen the other end of the bleed air supply line [4] and move it out of the way. (b) Connect a nitrogen source, STD-1455, pressure regulator, STD-1454, pressure gauge, STD-1453 (Ps), 3/8 inch (.9525 cm) ID flexible air hose, length as needed, STD-3942 at the tee to the supply pressure sense line [2]. SUBTASK 36-12-00-710-011 (2) Do a check of the minimum closing pressure of the precooler control valve as follows: (a) Adjust the regulator on the nitrogen pressure source, STD-1455 to provide 130 - 250 psi (9- 17 Bar or 900-1700 kPa) to the pressure regulator, STD-1454.				MECH	INSP
EFFECTIVITY AKS ALL		SOURCE MRB	PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - RIGHT D633A109-AKS 36-020-02-01		

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 36-020-02-01	
<p>(b) Slowly open the regulator, STD-1454 to increase the supply pressure (Ps) to 14.0 - 15.0 psig.</p> <p>(c) Examine the position indicator [1] on the precooler control valve [7]:</p> <p>1) Use a dental mirror, STD-3907, if necessary.</p> <p>(d) Did the position indicator [1] on the precooler control valve [7] show that the valve moved to fully closed or within 30 degrees of fully closed? If yes, this task is complete. If no, then do these steps:</p> <p>1) Put a cap [9] on the sense line to the precooler control valve 390° sensor in the engine compartment as shown in Figure 1, View C.</p> <p>2) Increase supply pressure (Ps) to 14 - 15 psig.</p> <p>3) Did the precooler control valve move to fully closed or to within 30 degrees of fully closed?</p> <p>a) If yes, there is a leak in the sense lines to the 390° sensor or in the 390° sensor. Do a check of the sense lines and 390° sensor for leaks.</p> <p><1> If leaks are found, repair or replace as necessary.</p> <p>b) If no, continue.</p> <p>4) Increase supply pressure (Ps) to 70 - 75 psig.</p> <p><u>NOTE:</u> Supply pressure (Ps) is increased to 70 - 75 psig so that leaks in the sense lines and fittings will be easier to detect.</p> <p>5) Use leak detector, G50135, to examine these areas for nitrogen leakage:</p> <p>a) The supply pressure (Ps) sense line [2] and fitting to the precooler control valve [7]</p> <p>b) The test line and fittings from the nitrogen source to the supply pressure sense line [2]</p> <p>c) The sense line and fittings between the precooler control valve [7] and the control pressure (Pc) sense line where it connects to the bottom of the pylon</p> <p>d) The sense line and fittings between the precooler control [7] and the wing TAI solenoid valve</p> <p>e) Wing TAI solenoid valve.</p> <p>6) Decrease Ps to 0 psig and repair all leakage found.</p> <p>a) If leakage is found at the wing TAI solenoid, do these tasks to replace the wing thermal anti-icing solenoid valve:</p> <p><1> Do this task: Ground Wing Thermal Anti-Icing Solenoid Valve Removal, AMM TASK 30-11-12-000-801</p> <p><2> Do this task: Ground Wing Thermal Anti-Icing Solenoid Valve Installation, AMM TASK 30-11-12-400-801.</p> <p>b) Use compound, D00010, or Never-Seez NSBT compound, D00006, on the threads of all fittings when connecting the sense lines.</p> <p>7) Increase supply pressure (Ps) to 14 - 15 psig.</p>				MECH	INSP
EFFECTIVITY AKS ALL		SOURCE MRB	PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - RIGHT D633A109-AKS 36-020-02-01		

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 36-020-02-01	
<p>a) If the precooler control valve does not move to fully closed or to within 30 degrees of fully closed, replace the precooler control valve as follows:</p> <p><1> Precooler Control Valve Removal, TASK 36-12-02-000-801</p> <p><2> Precooler Control Valve Installation, TASK 36-12-02-400-801.</p> <p><a> Use compound, D00010, or Never-Seez NSBT compound, D00006, on the threads of all fittings when connecting the sense lines.</p> <p>D. Return the Airplane Back to Its Usual Condition</p> <p>SUBTASK 36-12-00-080-006</p> <p>(1) Do the following to remove the supply pressure (Ps) test equipment and reinstall the bleed air supply line to the supply pressure (Ps) sense line inlet tee.</p> <p>(a) Remove the nitrogen source, STD-1455, pressure regulator, STD-1454, supply pressure gauge, STD-1453, and test line from the supply pressure (Ps) sense line [2].</p> <p>(b) Connect the bleed air supply line [4] to the supply pressure sense line [2] (Figure 1, View B).</p> <p>1) Tighten all sense line tube nuts to 133.0 pound-inches — 147.0 pound-inches (15.0 Newton-meters — 16.6 Newton-meters).</p> <p><u>NOTE:</u> Use compound, D00010, or Never-Seez NSBT compound, D00006, on the threads of all fittings when connecting the sense lines.</p> <p>SUBTASK 36-12-00-860-009</p> <p>(2) Close the thrust reverser. Do this task: Close the Thrust Reverser (Selection), AMM TASK 78-31-00-010-804-F00.</p> <p>SUBTASK 36-12-00-440-002</p> <p>(3) Remove the DO-NOT-OPERATE tag from the applicable engine start lever.</p> <p style="text-align: center;">———— END OF TASK ————</p>				MECH	INSP
EFFECTIVITY AKS ALL		SOURCE MRB	PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - RIGHT D633A109-AKS 36-020-02-01		

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 36-020-02-01
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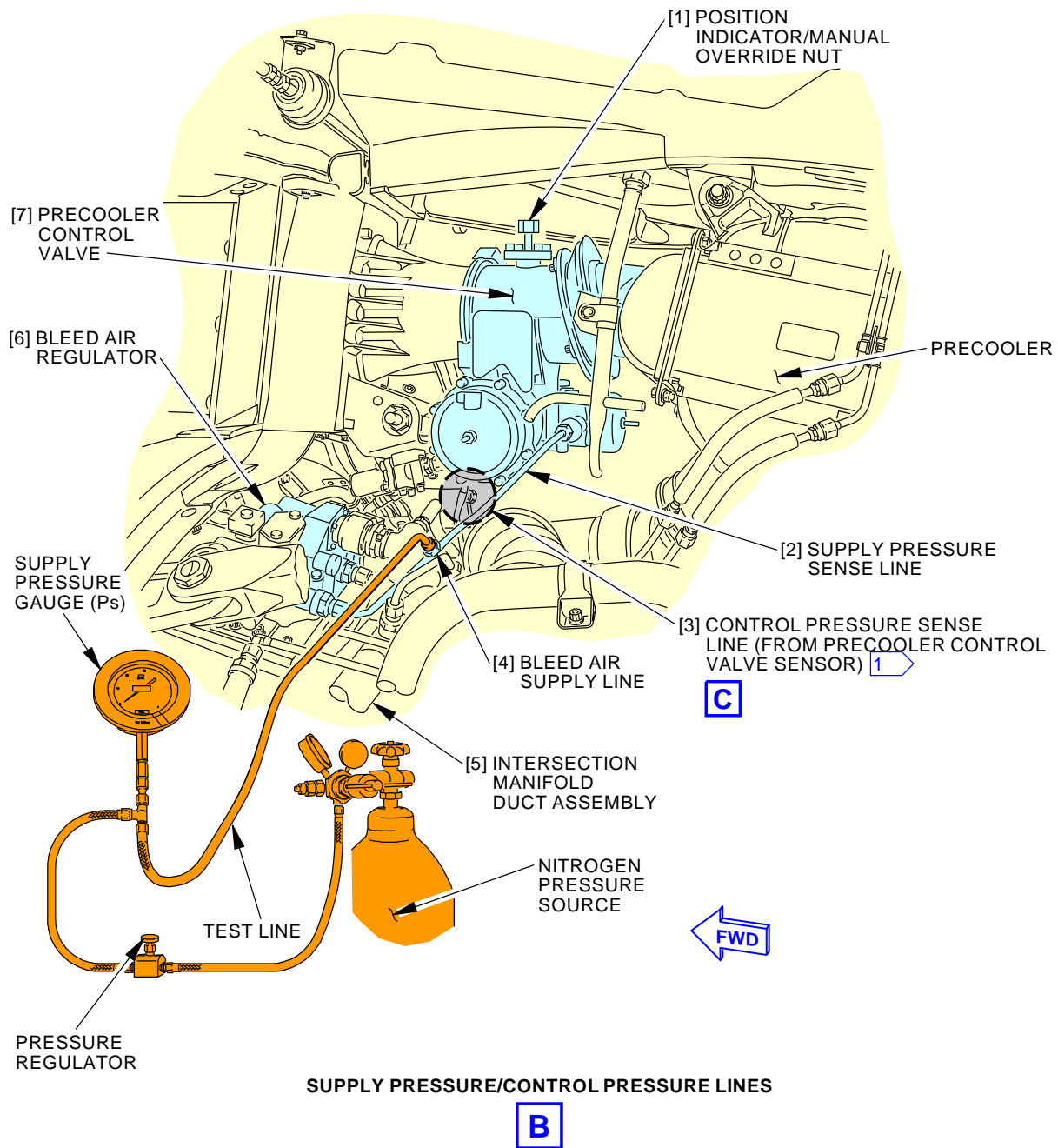


2326505 S0000528549_V2

Precooler Control Valve Functional Test
Figure 1 (Sheet 1 of 3)

EFFECTIVITY AKS ALL	SOURCE MRB	PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - RIGHT D633A109-AKS 36-020-02-01	Page 5 of 7 Jun 15/2015
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DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 36-020-02-01
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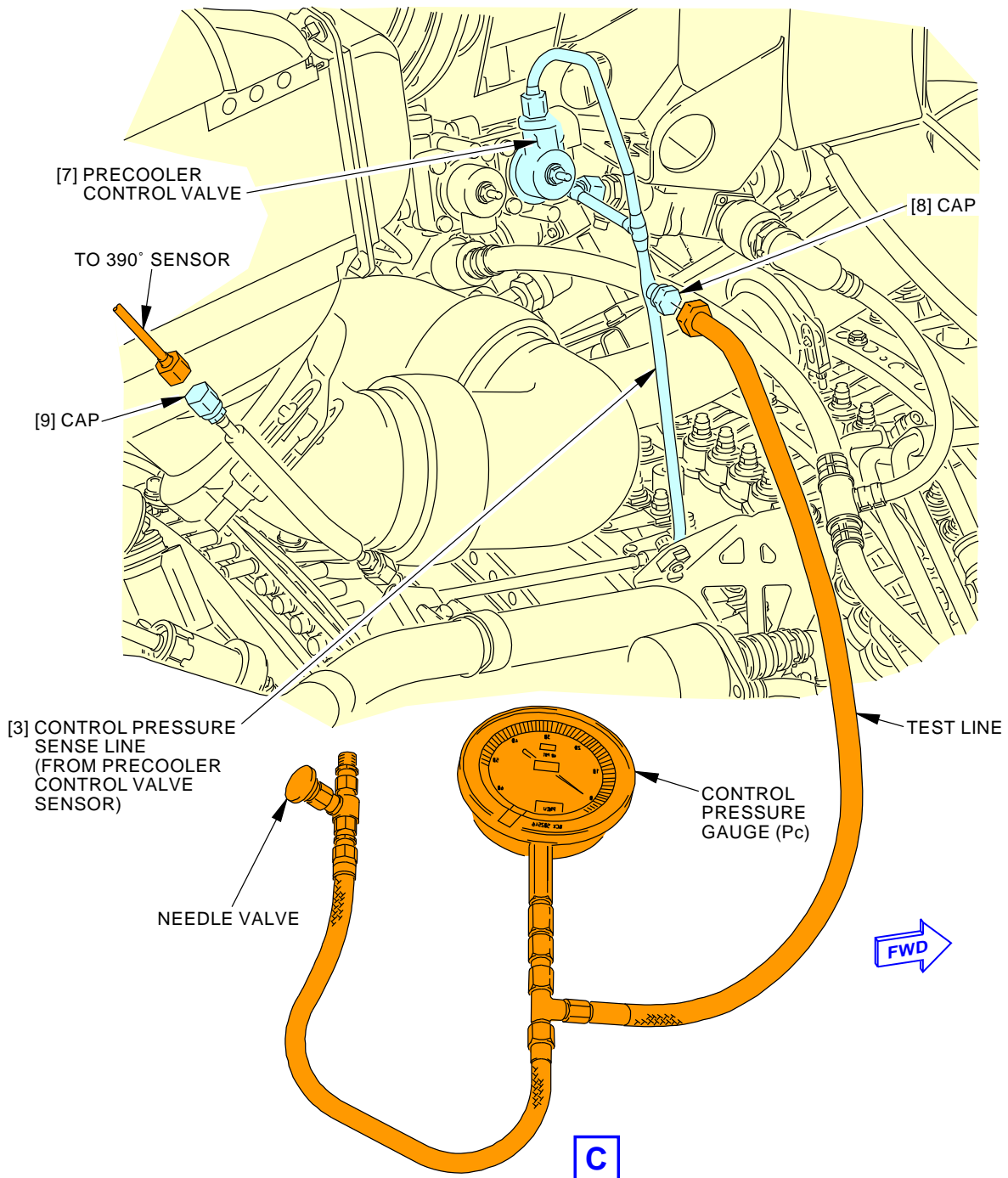
1 ACCESS FROM RIGHT SIDE OF ENGINE

**Precooler Control Valve Functional Test
Figure 1 (Sheet 2 of 3)**

2326508 S0000528557_V2

EFFECTIVITY AKS ALL	SOURCE MRB	PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - RIGHT D633A109-AKS 36-020-02-01	Page 6 of 7 Jun 15/2015
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DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 36-020-02-01
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**Precooler Control Valve Functional Test
Figure 1 (Sheet 3 of 3)**

G15719 S0006577991_V5

EFFECTIVITY AKS ALL	SOURCE MRB	PRECOOLER CONTROL VALVE AND WING TAI SOLENOID - RIGHT D633A109-AKS 36-020-02-01	Page 7 of 7 Jun 15/2015
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AIRLINE CARD NO		TITLE PRECOOLER CONTROL VALVE SENSOR - LEFT			BOEING CARD NO. 36-030-01-01
DATE	TASK FUNCTIONAL				RELATED CARD
TAIL NUMBER	WORK AREA ENG/STRUT	VERSION 1.1	THRESHOLD 16000 FH	REPEAT 16000 FH	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS 431BL			ZONE 433

Functionally check (off-airplane) the left precooler control valve sensor per vendor's overhaul manual. Task card procedures apply to on-airplane portion only (removal/installation).

A. References

Reference	Title
AMM 36-00-00-860-805	Supply Pressure Upstream of the PRSOV (P/B 201)
AMM 36-00-00-860-806	Remove Pressure from the Pneumatic System (P/B 201)

B. Consumable Materials

Reference	Description	Specification
D00006	Compound - Antiseize Pure Nickel Special - Never-Seez NSBT	BAC5008
D00010	Compound - Thread Antiseize, High Temperature	MIL-PRF-907
G00091	Compound - Oxygen System Leak Detection - Snoop Leak Detector	MIL-PRF-25567

EFFECTIVITY AKS ALL	SOURCE MRB	PRECOOLER CONTROL VALVE SENSOR - LEFT D633A109-AKS 36-030-01-01	Page 1 of 7 Feb 15/2016
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DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 36-030-01-01																							
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AKS



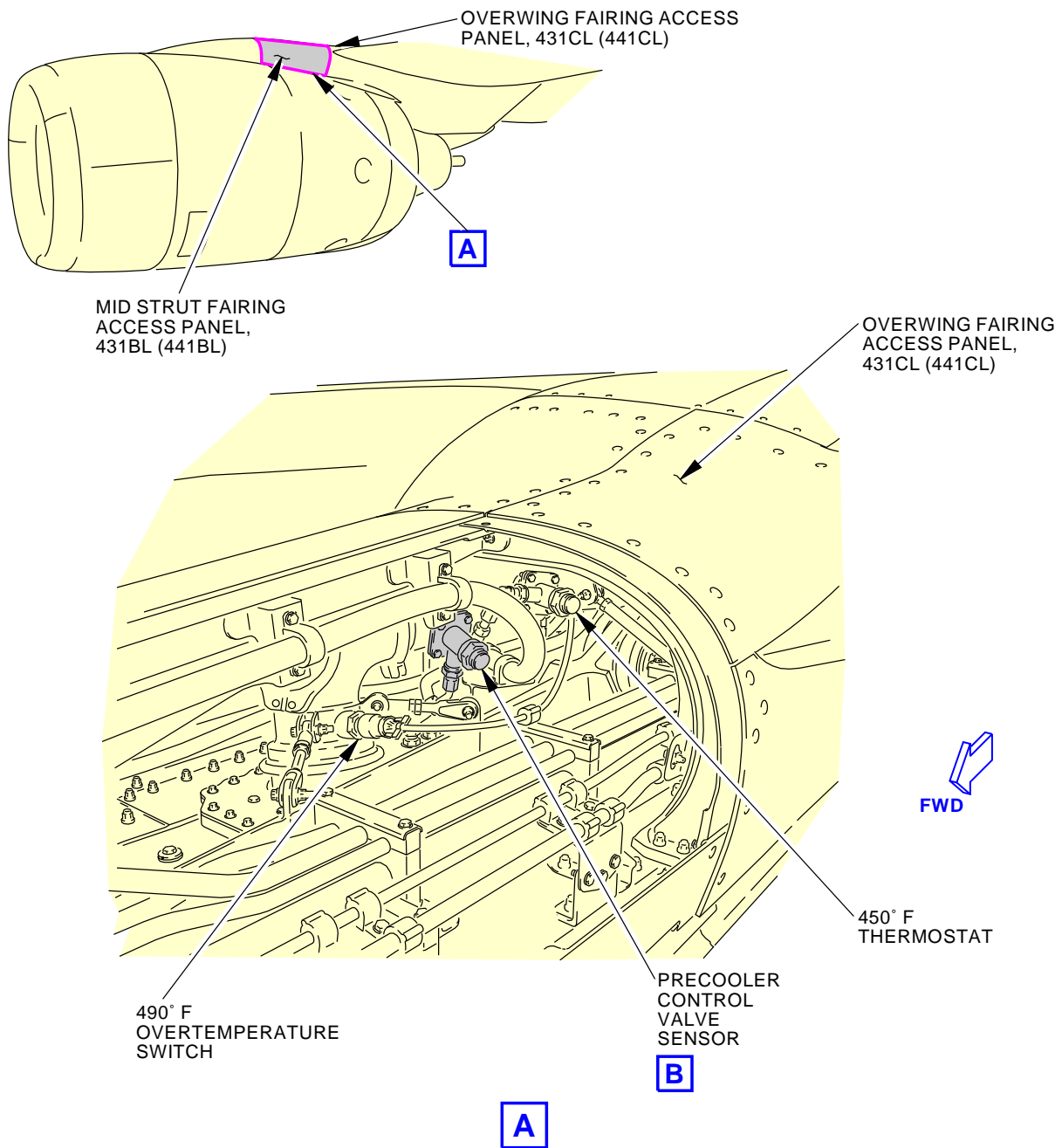
737-600/700/800/900 TASK CARDS

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EFFECTIVITY AKS ALL		SOURCE MRB	PRECOOLER CONTROL VALVE SENSOR - LEFT D633A109-AKS 36-030-01-01																		

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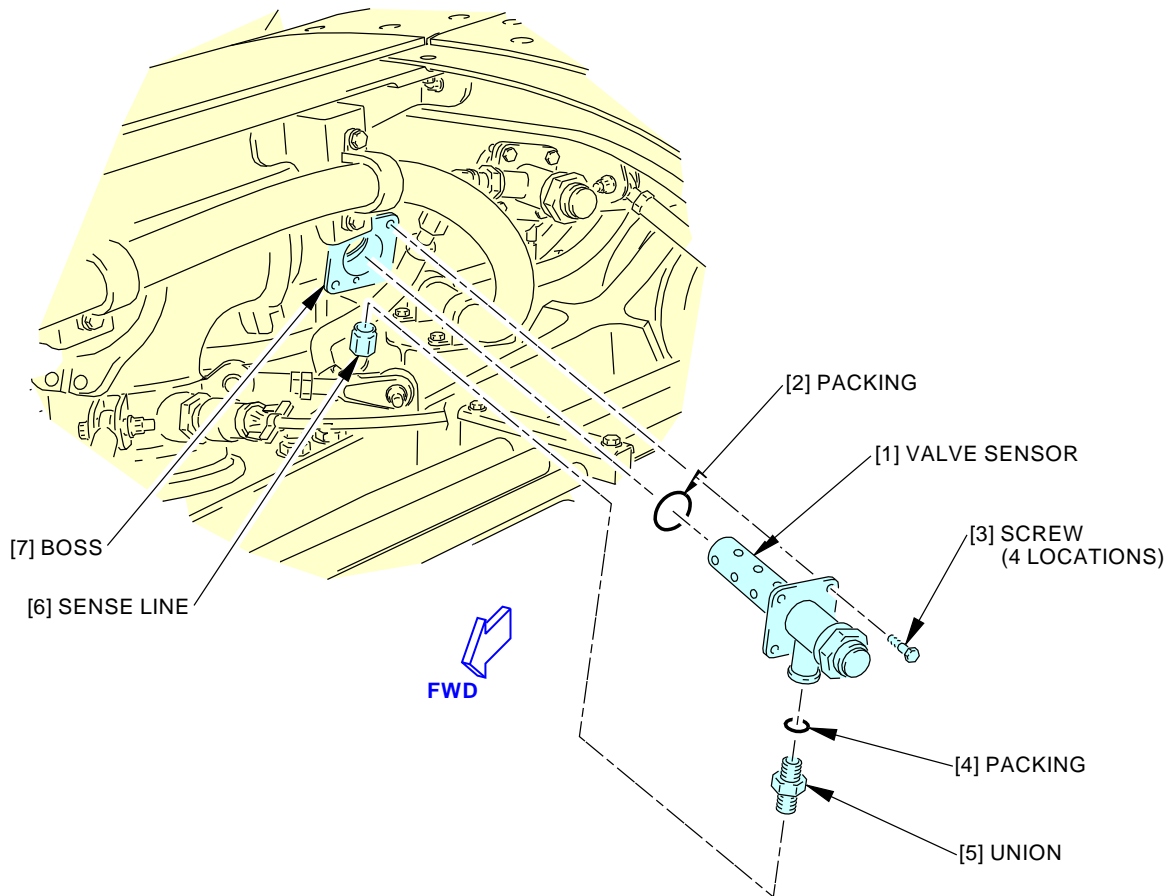
MID STRUT FAIRING ACCESS PANEL, 431BL IS NOT SHOWN FOR CLARITY IN THIS VIEW.

F69156 S0006578015_V3

**Precooler Control Valve Sensor Installation
Figure 1 (Sheet 1 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	PRECOOLER CONTROL VALVE SENSOR - LEFT
		D633A109-AKS 36-030-01-01
		Page 6 of 7 Jun 15/2015

DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 36-030-01-01
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PRECOOLER CONTROL VALVE SENSOR

B

Precooler Control Valve Sensor Installation
Figure 1 (Sheet 2 of 2)

F69155 S0006578016_V2

EFFECTIVITY AKS ALL	SOURCE MRB	PRECOOLER CONTROL VALVE SENSOR - LEFT D633A109-AKS 36-030-01-01	Page 7 of 7 Jun 15/2015
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AIRLINE CARD NO		TITLE PRECOOLER CONTROL VALVE SENSOR - RIGHT			BOEING CARD NO. 36-030-02-01
DATE	TASK FUNCTIONAL				RELATED CARD
TAIL NUMBER	WORK AREA ENG/STRUT	VERSION 1.1	THRESHOLD 16000 FH	REPEAT 16000 FH	APPLICABILITY
STATION	SKILL AIRPL				AIRPLANE ALL ENGINE ALL
		ACCESS 441BL			ZONE 443

Functionally check (off-airplane) the right precooler control valve sensor per vendor's overhaul manual. Task card procedures apply to on-airplane portion only (removal/installation).

A. References

Reference	Title
AMM 36-00-00-860-805	Supply Pressure Upstream of the PRSOV (P/B 201)
AMM 36-00-00-860-806	Remove Pressure from the Pneumatic System (P/B 201)

B. Consumable Materials

Reference	Description	Specification
D00006	Compound - Antiseize Pure Nickel Special - Never-Seez NSBT	BAC5008
D00010	Compound - Thread Antiseize, High Temperature	MIL-PRF-907
G00091	Compound - Oxygen System Leak Detection - Snoop Leak Detector	MIL-PRF-25567

EFFECTIVITY AKS ALL	SOURCE MRB	PRECOOLER CONTROL VALVE SENSOR - RIGHT D633A109-AKS 36-030-02-01	Page 1 of 7 Feb 15/2016
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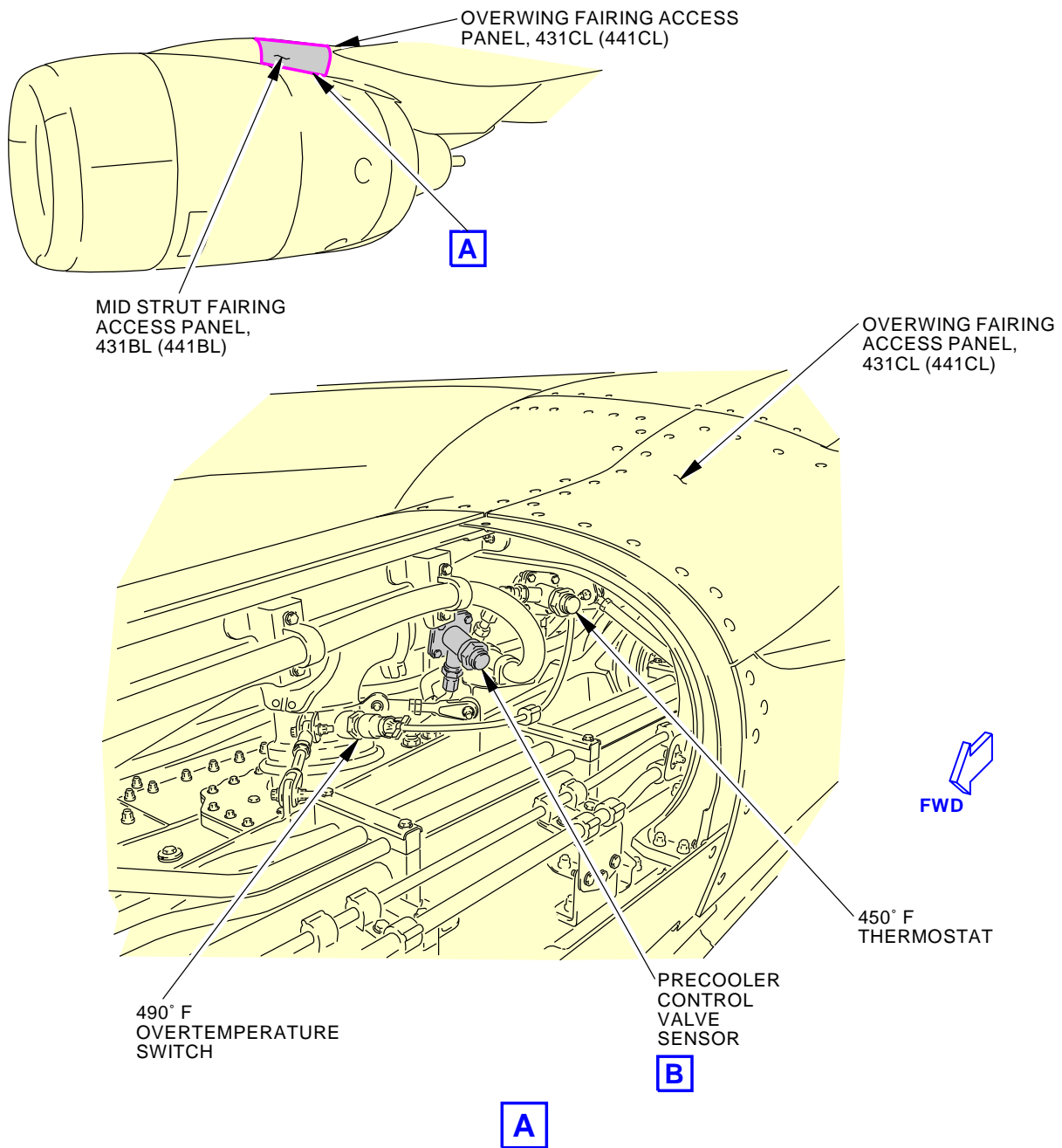
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**NOTE:**

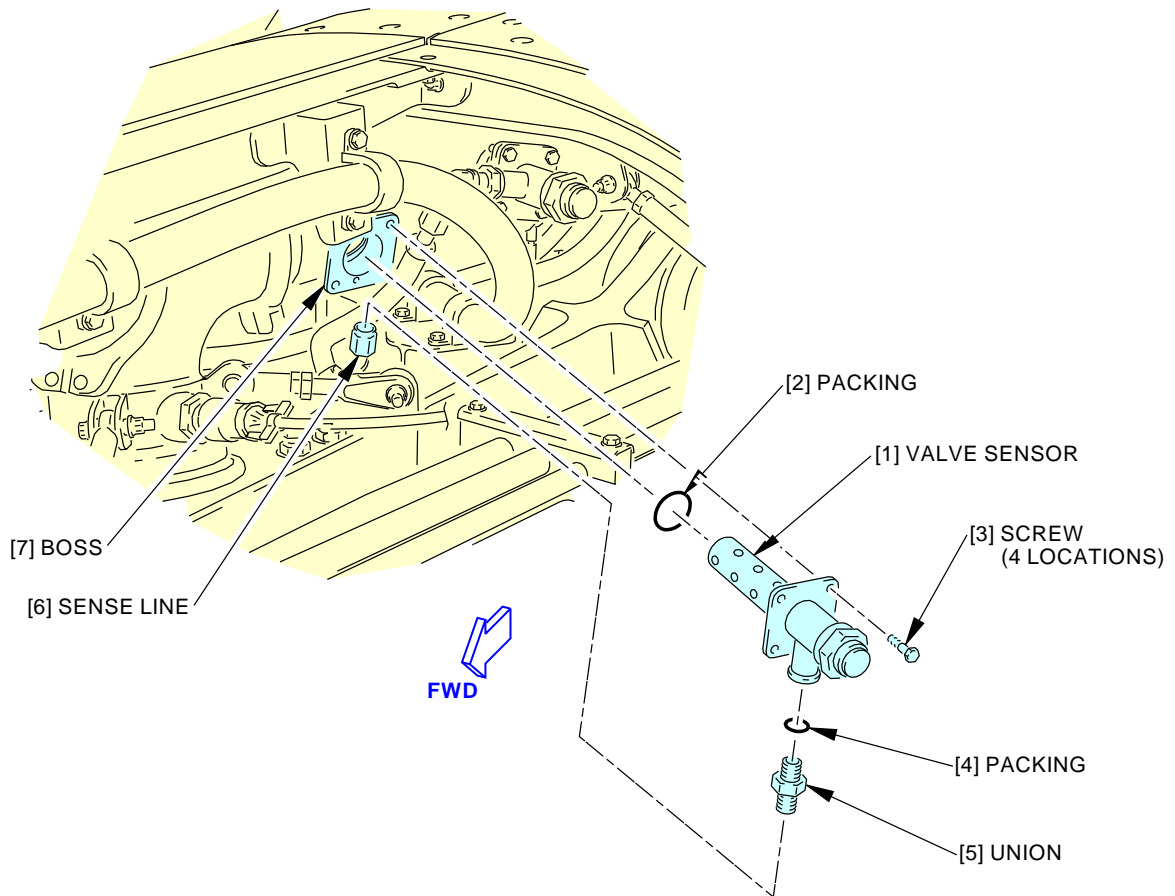
MID STRUT FAIRING ACCESS PANEL, 431BL IS NOT SHOWN FOR CLARITY IN THIS VIEW.

F69156 S0006578015_V3

**Precooler Control Valve Sensor Installation
Figure 1 (Sheet 1 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	PRECOOLER CONTROL VALVE SENSOR - RIGHT D633A109-AKS 36-030-02-01	Page 6 of 7 Jun 15/2015
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DATE	TAIL NUMBER	STATION	AIRLINE CARD NO.	BOEING CARD NO. 36-030-02-01
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PRECOOLER CONTROL VALVE SENSOR

B

F69155 S0006578016_V2

**Precooler Control Valve Sensor Installation
Figure 1 (Sheet 2 of 2)**

EFFECTIVITY AKS ALL	SOURCE MRB	PRECOOLER CONTROL VALVE SENSOR - RIGHT D633A109-AKS 36-030-02-01	Page 7 of 7 Jun 15/2015
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