

ZONES: 112 123 217 238 W/C NUMBER: 714R2102 DATE:
 A/C NUMBER:
 REV. DATE: 06/07/07
 FREQUENCY: 4A

MFR P/N	DESCRIPTION	QTY
MIL-T-81533	Solvent Trichloroethane 1.1.1	A/R
Common	Soft Hair Brush	A/R
732	Ashesive, silicone, Silastic	A/R
SL26	Solvent Denatured ethyl alcohol	A/R
AAM7286-501	Gasket	4

TOOLS	DESCRIPTION	QTY
Common	Non-metallic scraper	1
Common	Plastic bristle brush	1

PANELS

112CZ	233HC	283BC
227BC	253FC	

MECH INSP

MRB ITEM: 21-62-00-01

CLEAN THE ZONE TEMPERATURE CONTROL SENSORS

Additional Zones: 258, 284

XXXXX 1. Open, safety and tag the circuit breakers that follow:

Circuit Breaker	Panel Location	Panel Area
Cockpit & Galley Auto Temp Cont	Upper Main	Air Conditioning
Cabin Auto Temp Cont	Upper Main	Air Conditioning

XXXXX 2. Open Access Doors:

Location	Access
Flight compartment ceiling	Panel 227BC
Forward passenger compartment ceiling	Panel 233HC
Center passenger compartment ceiling	Panel 253FC
Aft passenger compartment ceiling	Panel 283BC

XXXXX 3. Clean Flight Compartment, Fwd, Mid, Aft and Lower Galley Zone Temperature Control Sensors. (If Installed)

A. Remove Sensor

(1) Open Delco tape flap in smoke shield above flight crew door. (Flight compartment zone temperature control sensor only)

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(2) Release captive plungers from grommets and remove ejector cover with jet pump from housing.

(3) Disconnect electrical connector from sensor.

(4) Remove sensor from housing.

WARNING: TRICHLOROETHANE 1.1.1 IS AN AGENT THAT IS POISONOUS AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY ALL OF THE PRECAUTIONS WHEN 1.1.1-TRICHLOROETHANE IS USED.

(5) Using soft hair brush moistened with cleaning solvent, clean sensor probe.

(6) Air dry or wipe sensor using clean, dry cloth.

(7) Install gasket on housing as follows:

(a) Using non-metallic scraper and plastic bristle brush, remove damaged gasket from housing.

WARNING: ETHYL ALCOHOL IS AN AGENT THAT IS FLAMMABLE, EXPLOSIVE, AND POISONOUS. MAKE SURE ALL PERSONS OBEY ALL OF THE PRECAUTIONS WHEN ETHYL ALCOHOL IS USED.

(b) Clean surface with clean, cotton cloth moistened with solvent, denatured ethyl alcohol.

(c) Wipe dry until odor has disappeared.

WARNING: SILICONE SEALANT ADHESIVE IS AN AGENT THAT IS AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN SILICONE SEALANT ADHESIVE IS USED.

(d) Apply uniform coat of adhesive to faying surface of gasket and housing.

(e) Allow to dry 5 to 10 minutes and then install gasket to housing.

(8) Install sensor in housing.

(9) Connect electrical connector to sensor.

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(10) Install ejector cover with jet pump on housing.

(11) Close Delco tape flap. (Flight compartment zone temp control sensor only)

XXXXX 4. Close the circuit breakers that follow:

Circuit Breaker	Panel Location	Panel Area
Cockpit & Galley Auto Temp Cont	Upper Main	Air Conditioning
Cabin Auto Temp Cont	Upper Main	Air Conditioning

XXXXX 5. Close the following Access Doors:

Location	Access
Flight compartment ceiling	Panel 227BC
Forward passenger compartment ceiling	Panel 233HC
Center passenger compartment ceiling	Panel 253FC
Aft passenger compartment ceiling	Panel 283BC

XXXXX 6. Test Zone Temperature Control Sensor.

A. Test Sensor.

- (1) Open relay panel access panel 112CZ, located in avionics compartment.
- (2) On flight engineer's panel, place applicable zone temperature control selector switch in MAN STOP position for zone temperature control sensor under test.
- (3) On relay panel, remove cover from BITE connector on applicable zone temperature controller.
- (4) Connect APU and pack temperature demand controller BITE pigtail harness to BITE connector.
- (5) Place zone temperature control selector switch in AUTO (center dot) position.
- (6) Check that BITE READY indicator light, located on APU and pack temperature demand controller, comes on.

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(7) Place BITE test selector switch in position 11; GO indicating light, located adjacent to test indicator switch, should come on.

NOTE: Wait approximately 10 seconds for indicating light to come on.

(8) Place zone temperature control selector switch in MAN STOP position.

(9) Disconnect BITE pigtail harness from zone temperature controller and stow.

(10) Install cover to BITE connector.

_____ XXXXX 7. Close access panel 112CZ.

***** END OF WORKCARD *****