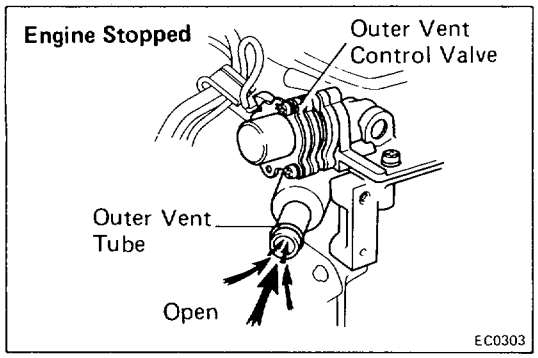
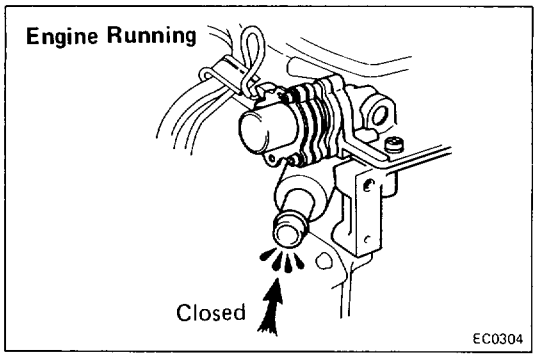


INSPECTION OF OUTER VENT CONTROL VALVE

1. CHECK OUTER VENT CONTROL VALVE OPERATION

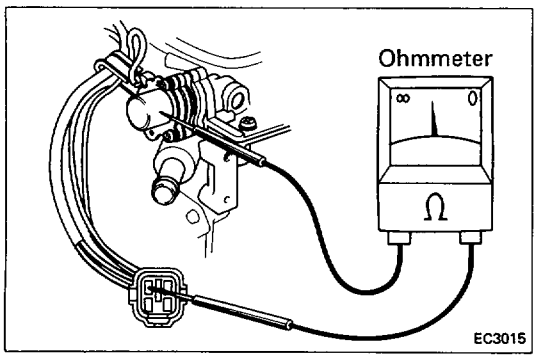
(a) Disconnect the outer vent hose from the carburetor.

(b) Blow air into the outer vent pipe and check that the outer vent control valve is open.



(c) Start the engine.

(d) With the engine idling, blow air into the outer vent pipe and check that the outer vent control valve is closed.

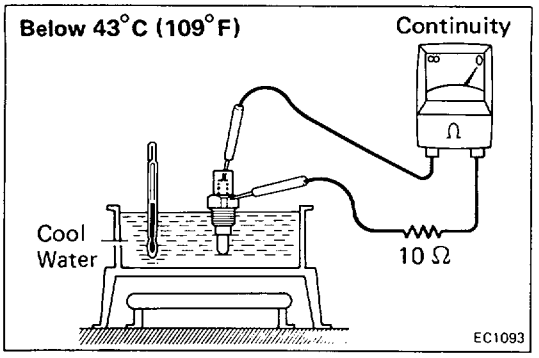


2. CHECK SOLENOID

(a) Unplug the wiring connector.

(b) Using an ohmmeter, measure the resistance between the positive(+) terminal and the solenoid body.

Specified resistance: 63 — 73 Ω at 20°C (68°F)



INSPECTION OF TEMP. SWITCH (1)

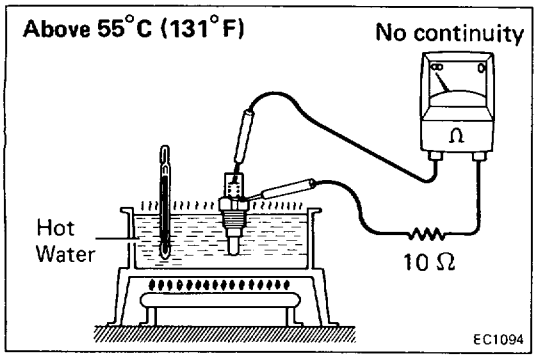
CHECK TEMP. SWITCH BY USING OHMMETER

(a) Drain the coolant from the radiator into a suitable container.

(b) Remove the temp. switch from the intake manifold.

(c) Cool the temp. switch to below 43°C (109°F).

(d) Using an ohmmeter, check that there is continuity.



(e) Heat the switch to above 55°C (131°F) with hot water.

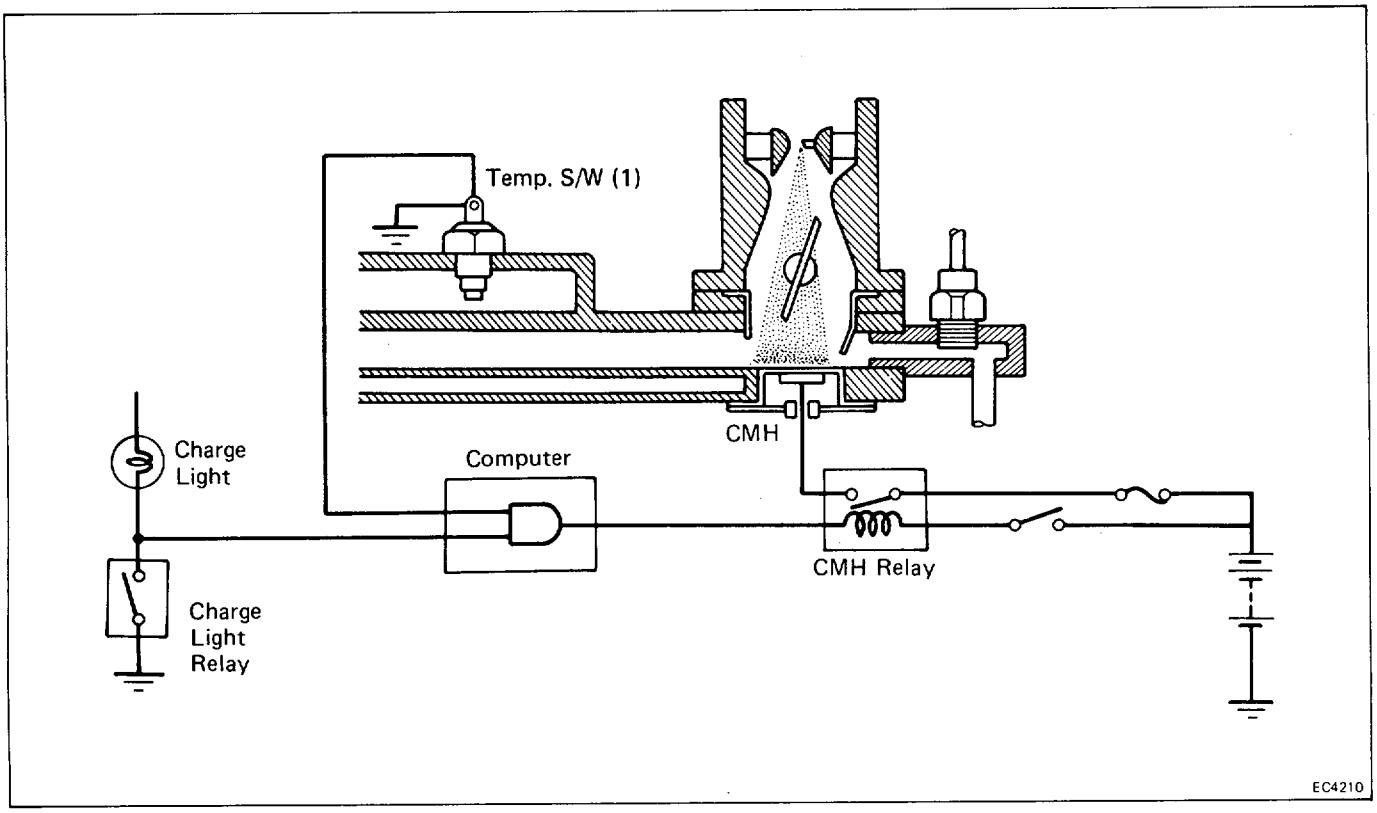
(f) Check that there is no continuity.

(g) Apply sealant to the threads of the switch and reinstall.

Sealant: Part No. 08833 — 00070, THREE BOND 1324 or equivalent

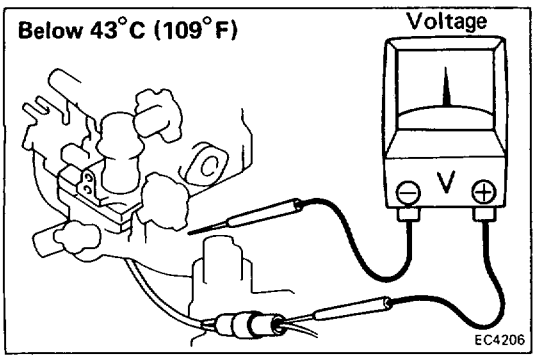
(h) Fill the radiator with coolant.

8. Cold Mixture Heater (CMH) System



To reduce cold engine emission and improve drivability, the intake manifold riser is heated during cold engine operation to accelerate vaporization of the liquid fuel.

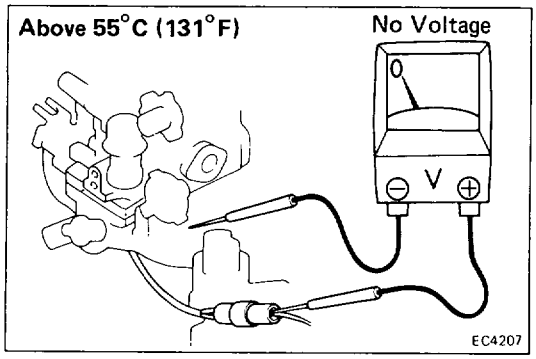
IG S/W	Engine	Coolant Temp.	Temp. S/W (1)	Computer	CMH Relay	CMH
OFF	Not running	—	—	—	OFF	OFF
ON	Not running	—	—	OFF	OFF	OFF
	Running	Below 43°C (109°F)	ON	ON	ON	ON (Heated)
		Above 55°C (131°F)	OFF	OFF	OFF	OFF



INSPECTION OF CMH SYSTEM

1. **START ENGINE**
2. **CHECK CMH WITH COLD ENGINE**
   (a) The coolant temperature should be below 43°C (109°F).
   (b) Using a voltmeter check that there is voltage between the positive (+) terminal and intake manifold.

CAUTION: The voltmeter probe should be inserted from the rear side of the connector.



3. CHECK CMH WITH WARM ENGINE

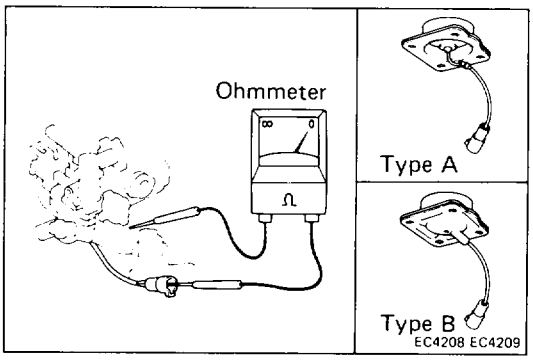
(a) Warm up the engine to above 55°C (131°F).

(b) Check that there is no voltage.

IF NO PROBLEM IS FOUND WITH THIS INSPECTION, THE SYSTEM IS OKAY; OTHERWISE INSPECT EACH PART

INSPECTION OF TEMP. SWITCH (1)

(See page EC-31)



INSPECTION OF CMH

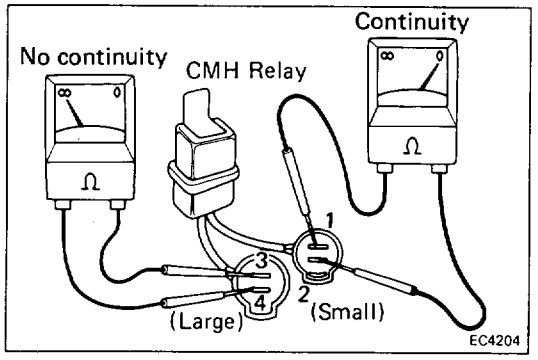
MEASURE RESISTANCE

(a) Unplug the wiring connector.

(b) Using an ohmmeter, measure the resistance between the positive (+) terminal and intake manifold.

Resistance at 20°C (68°F):
Type A (ND) 0.35 — 1.0 Ω
Type B (TDK) 0.5 — 2.0 Ω

(c) Plug in the wiring connector.

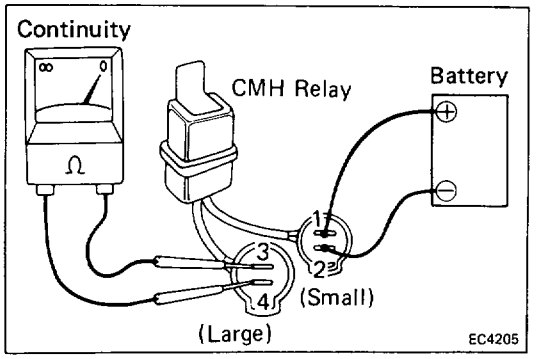


INSPECTION OF CMH RELAY

1. INSPECT RELAY CONTINUITY

Check that there is continuity between terminals 1 and 2. Check that there is no continuity between terminals 3 and 4.

Relay location: Right fender apron



2. INSPECT RELAY OPERATION

Check the continuity between terminals 3 and 4 with battery voltage applied between terminals 1 and 2.