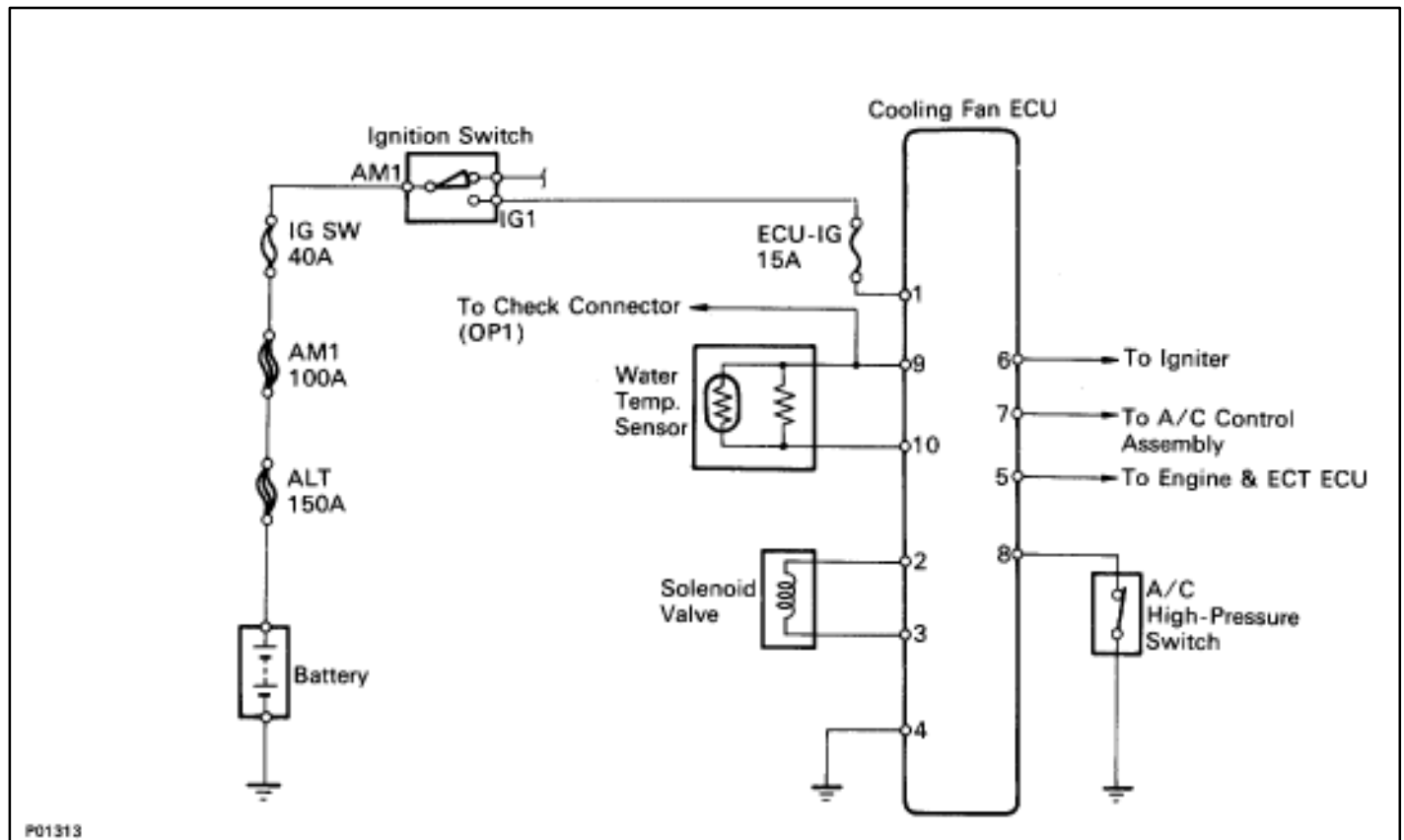
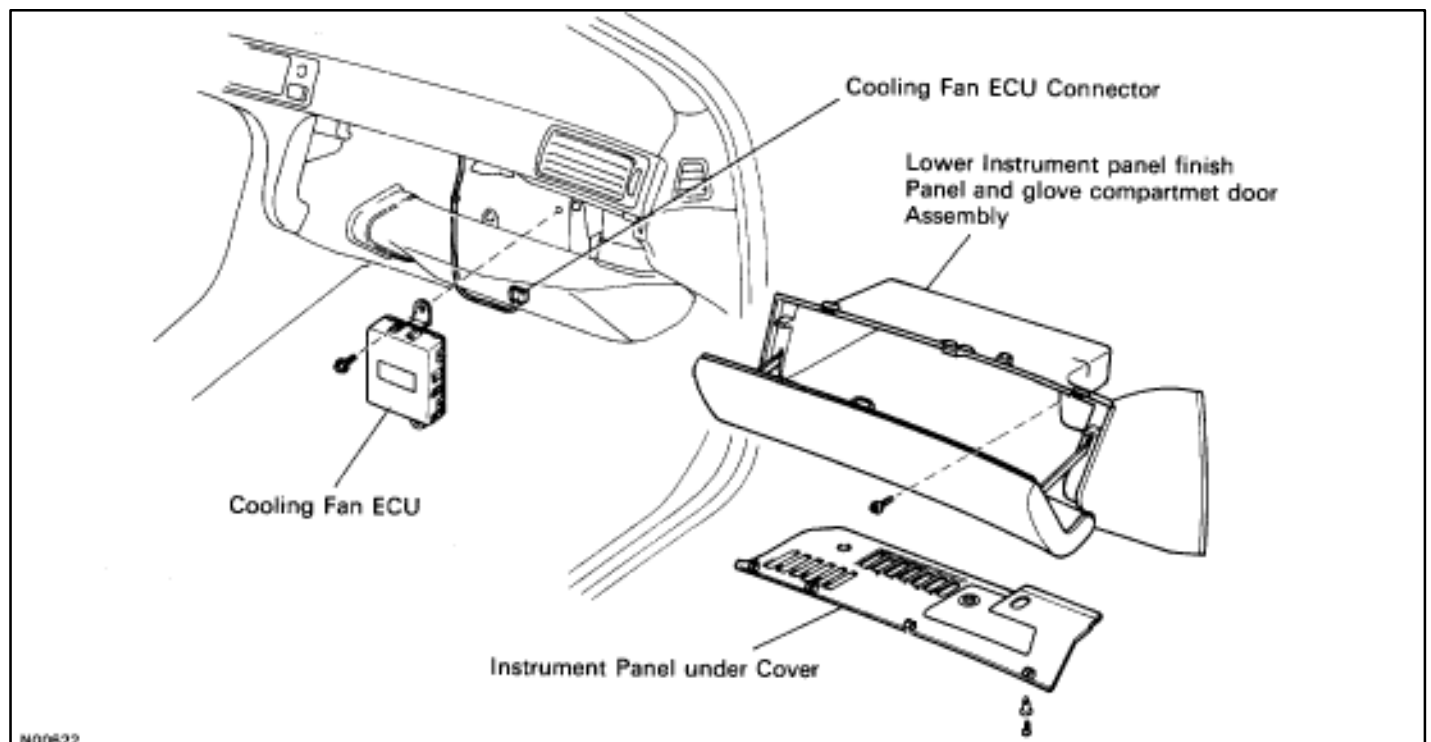
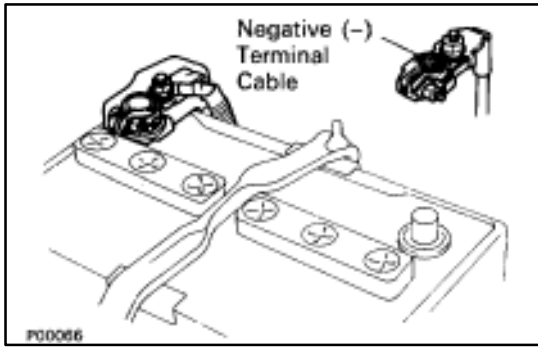


Electronic Control Parts (System Circuit)



(Cooling Fan ECU) COMPONENTS FOR REMOVAL AND INSTALLATION





INSPECTION OF COOLING FAN ECU

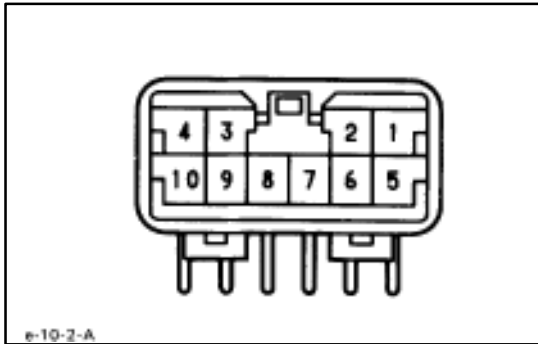
1. DISCONNECT CABLE FROM NEGATIVE TERMINAL OF BATTERY

CAUTION: Work must be started after 20 seconds or longer from the time the ignition switch is turned to the "LOCK" position and the negative (–) terminal cable is disconnected from the battery.

2. DISCONNECT COOLING FAN ECU CONNECTOR

(See Components on page [CO-60](#))

- Remove the instrument panel under cover.
- Remove the lower instrument panel finish panel and glove compartment door assembly.
- Disconnect the cooling fan ECU connector.



3. INSPECT COOLING FAN ECU

- Connect the cable to the negative (–) terminal of the battery.
- Check the connector on the wiring harness side as shown in the chart.

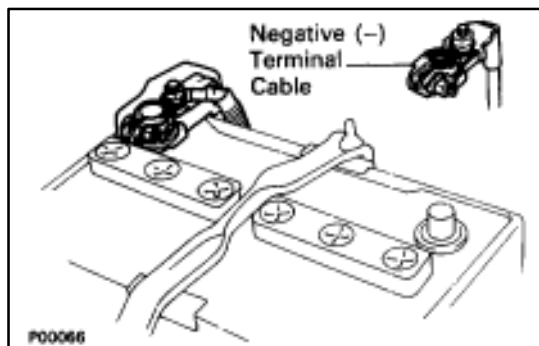
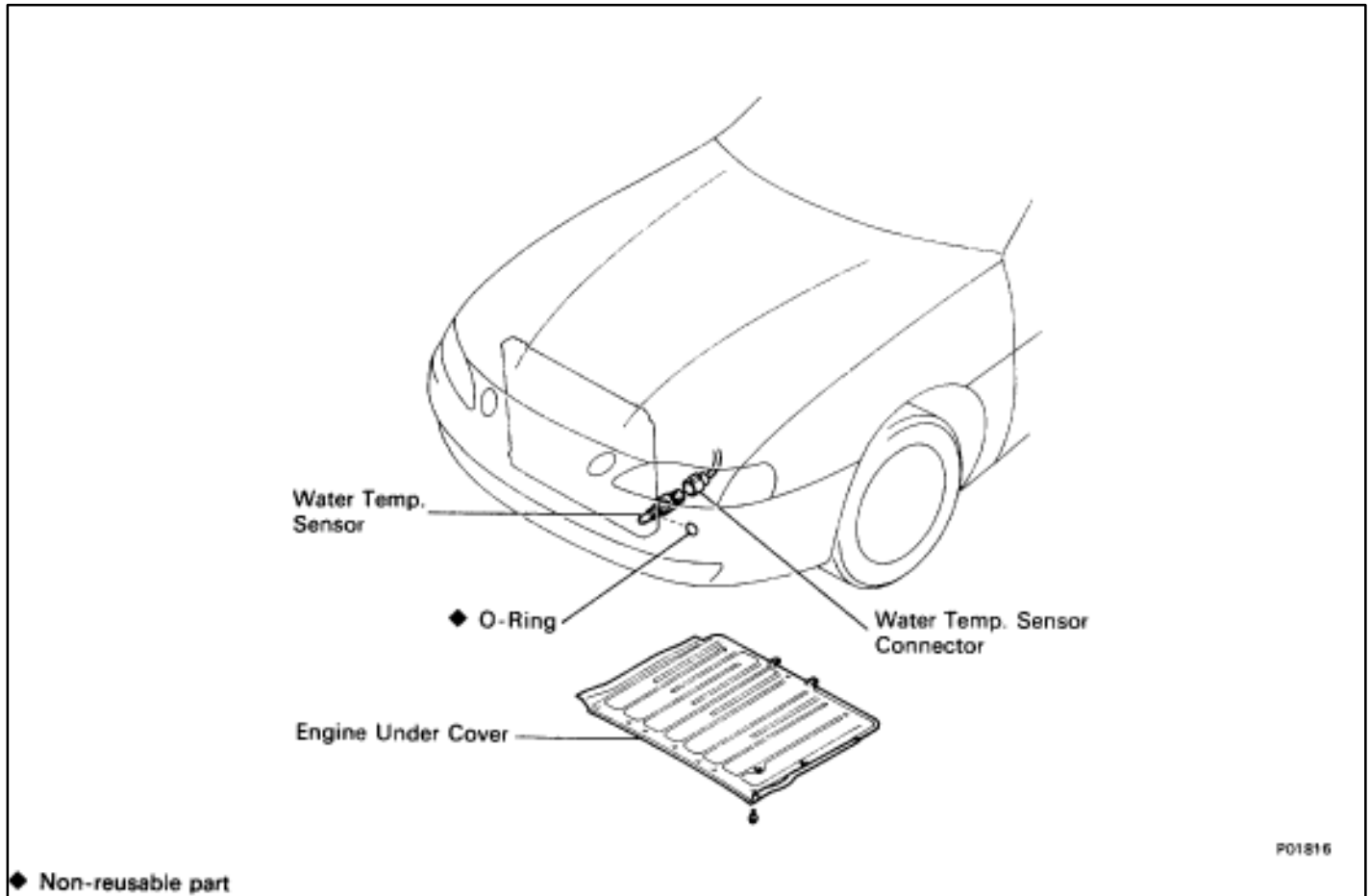
Check for	Tester connection	Condition	Specified value
Voltage	1–Ground	Ignition switch ON	Battery voltage
Resistance	2–3	Solenoid valve at cold (20°C (68°F))	7.5–8.5 Ω
Continuity	4–Ground	–	Continuity
Continuity	5–Ground	Throttle valve open	No continuity
		Throttle valve closed	Continuity
Resistance	9–10	Coolant temp. at 80°C (176°F)	1.48–1.58 k Ω

- Disconnect the cable from the negative (–) terminal of the battery.

4. RECONNECT COOLING FAN ECU CONNECTOR

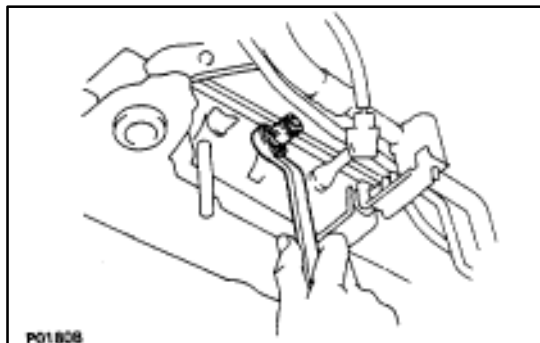
5. RECONNECT CABLE TO NEGATIVE TERMINAL OF BATTERY

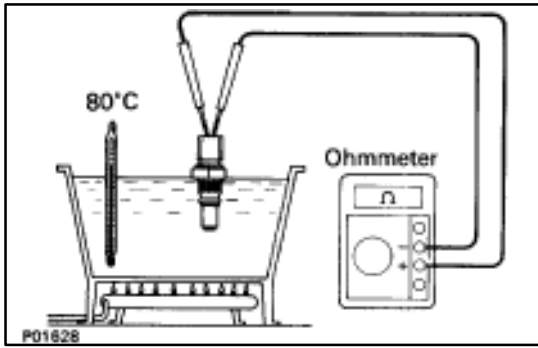
(Water Temperature Sensor) COMPONENTS FOR REMOVAL AND INSTALLATION



INSPECTION OF WATER TEMPERATURE SENSOR

1. **DISCONNECT CABLE FROM NEGATIVE TERMINAL OF BATTERY**
CAUTION: Work must be started after 20 seconds or longer from the time the ignition switch is turned to the "LOCK" position and the negative (-) terminal cable is disconnected from the battery.
2. **REMOVE ENGINE UNDER COVER**
3. **DRAIN ENGINE COOLANT (See page [CO-6](#))**
4. **REMOVE WATER TEMPERATURE SENSOR**
 - (a) Disconnect the water temperature sensor connector.
 - (b) Remove the water temperature sensor from left side of the radiator lower tank.
 - (c) Remove the O-ring from the water temperature sensor.



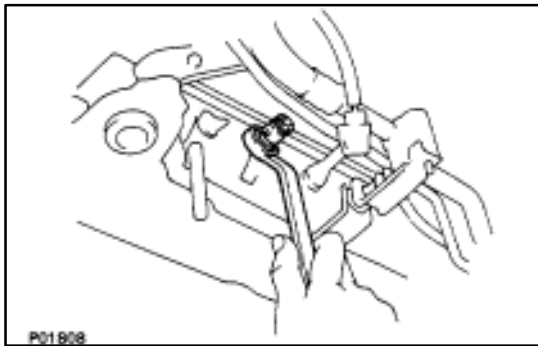


5. INSPECT WATER TEMPERATURE SENSOR

Using an ohmmeter, measure the resistance between the terminals.

Resistance: 1.48–1.58 kΩ at 80°C (176°F)

If the resistance is not as specified, replace the sensor.



6. REINSTALL WATER TEMPERATURE SENSOR

- Install a new O-ring to the water temperature sensor.
- Apply soapy water to the O-ring.
- Install the water temperature sensor to the radiator.

Torque: 7.4 N·m (75 kgf·cm, 65 in.·lbf)

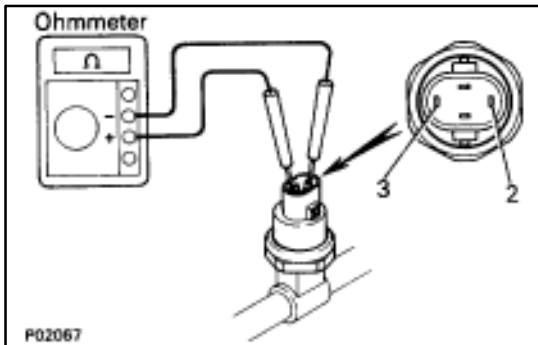
- Connect the water temperature sensor connector.

7. REFILL WITH ENGINE COOLANT (See page CO-7)

8. REINSTALL ENGINE UNDER COVER

9. RECONNECT CABLE FROM NEGATIVE TERMINAL OF BATTERY

(A/C High-Pressure Switch) INSPECTION OF A/C HIGH-PRESSURE SWITCH



- DISCONNECT HIGH-PRESSURE SWITCH CONNECTOR
- INSTALL MANIFOLD GAUGE SET (See AC section)
- INSPECT HIGH-PRESSURE SWITCH

- When the A/C switch is OFF, check that there is continuity between terminals 2 and 3. (When the pressure is 1,226 kPa (12.5 kgf/cm², 178 psi) or lower.)
- When the A/C switch and blower switch are ON, check that there is no continuity between terminals 2 and 3. (When the pressure is 1,520 kPa (15.5 kgf/cm², 220 psi) or higher.)

If continuity is not as specified, replace the switch.

4. REMOVE MANIFOLD GAUGE SET

5. RECONNECT HIGH-PRESSURE SWITCH CONNECTOR

(Solenoid Valve)

(See page CO-36)