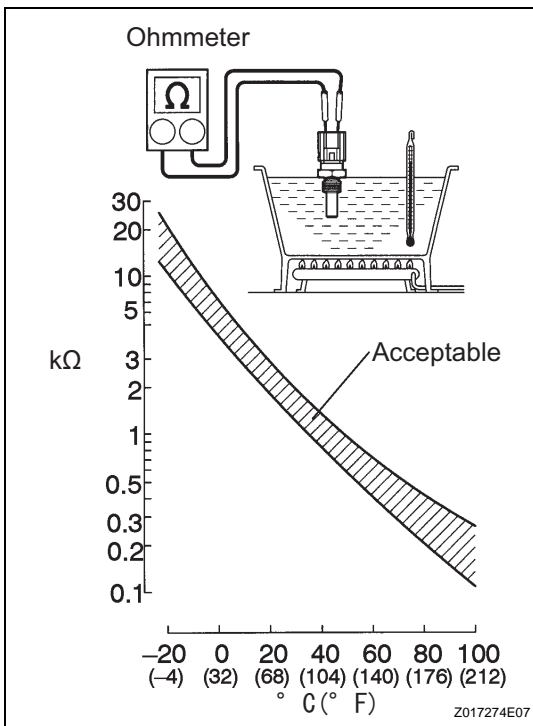
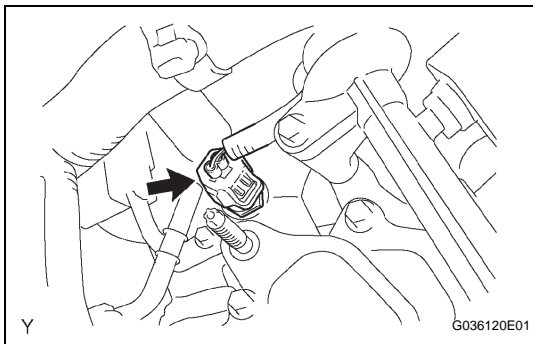


ENGINE COOLANT TEMPERATURE SENSOR

REMOVAL

1. DISCHARGE FUEL SYSTEM PRESSURE
(See page [FU-1](#))
2. DRAIN ENGINE COOLANT (See page [CO-3](#))
3. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
4. REMOVE V-BANK COVER (See page [ES-414](#))
5. REMOVE AIR CLEANER ASSEMBLY (See page [ES-415](#))
6. REMOVE INTAKE AIR SURGE TANK (See page [FU-11](#))
7. DISCONNECT FUEL PIPE SUB-ASSEMBLY NO.2
(See page [FU-13](#))
8. REMOVE ENGINE COOLANT TEMPERATURE SENSOR
 - (a) Disconnect the connector.
 - (b) Using a 19 mm deep socket wrench, remove the water temperature sensor and gasket.



INSPECTION

1. INSPECT ENGINE COOLANT TEMPERATURE SENSOR
 - (a) Check the resistance.
 - (1) Using an ohmmeter, measure the resistance between the terminals.

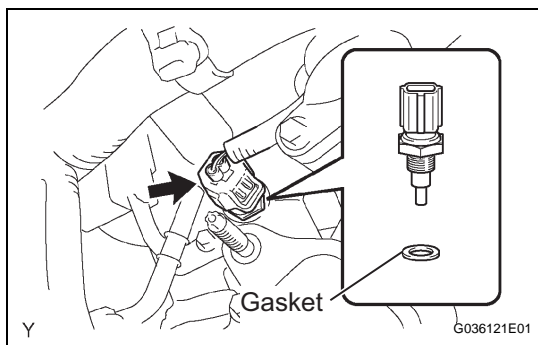
Resistance

Tester Connection	Specified Condition
1 (E2) - 2 (THW)	2.32 to 2.59 kΩ at 20°C (68°F)
1 (E2) - 2 (THW)	0.310 to 0.326 kΩ at 80°C (176°F)

NOTICE:

If checking the engine coolant temperature sensor in water, be careful not to allow water to enter the terminals. After checking, wipe the water off the engine coolant temperature sensor.

If the result is not as specified, replace the engine coolant temperature sensor.



INSTALLATION

1. **INSTALL E.F.I. ENGINE COOLANT TEMPERATURE SENSOR**
 - (a) Using a 19 mm deep socket wrench, install the water temperature sensor with a new gasket.
Torque: 20 N*m (204 kgf*cm, 15 ft.*lbf)
 - (b) Connect the connector.
2. **CONNECT FUEL PIPE SUB-ASSEMBLY NO.2 (See page [FU-17](#))**
3. **INSTALL INTAKE AIR SURGE TANK (See page [FU-17](#))**
4. **INSTALL AIR CLEANER ASSEMBLY**
5. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)
6. **ADD ENGINE COOLANT (See page [CO-3](#))**
7. **CHECK FOR FUEL LEAKAGE**
8. **CHECK FOR ENGINE COOLANT LEAKAGE (See page [CO-4](#))**
9. **INSTALL V-BANK COVER (See page [ES-416](#))**