



## Inspection

1. Switch "OFF" the ignition.
2. Disconnect the ECTS connector.
3. Remove the ECTS (Refer to "Removal").
4. After immersing the thermistor of the sensor into engine coolant, measure resistance between the ECTS terminals 3 and 4.
5. Check that the resistance is within the specification.

Temperature		Resistance (kΩ)
°C	°F	
-40	-40	48.14
-20	-4	14.13 - 16.83
0	32	5.79
20	68	2.31 - 2.59
40	104	1.15
60	140	0.59
80	176	0.32
100	212	0.19

## Removal

1. Switch "OFF" the ignition and disconnect the negative (-) battery terminal.
2. Remove the engine cover.  
**(Refer to Engine Mechanical System - "Engine Cover")**
3. Remove the surge tank.  
**(Refer to Engine Mechanical System - "Surge Tank")**
4. Disconnect the engine coolant temperature sensor connector (A).
5. Remove the water temperature sensor (B) from the water temperature control assembly.

### CAUTION

- Note that engine coolant may leak out of the water temperature control assembly when removing the sensor.



## Installation

**NOTICE**

- Install the component to the specified torques.
- Note that internal damage may occur when the component is dropped. If the component has been dropped, inspect before installing.
- Apply the engine coolant to the O-ring.
- Insert the sensor in the installation hole and be careful not to damage it.

1. Install in the reverse order of removal.

2. Replenish the engine coolant.

(Refer to Engine Mechanical System - "Coolant")