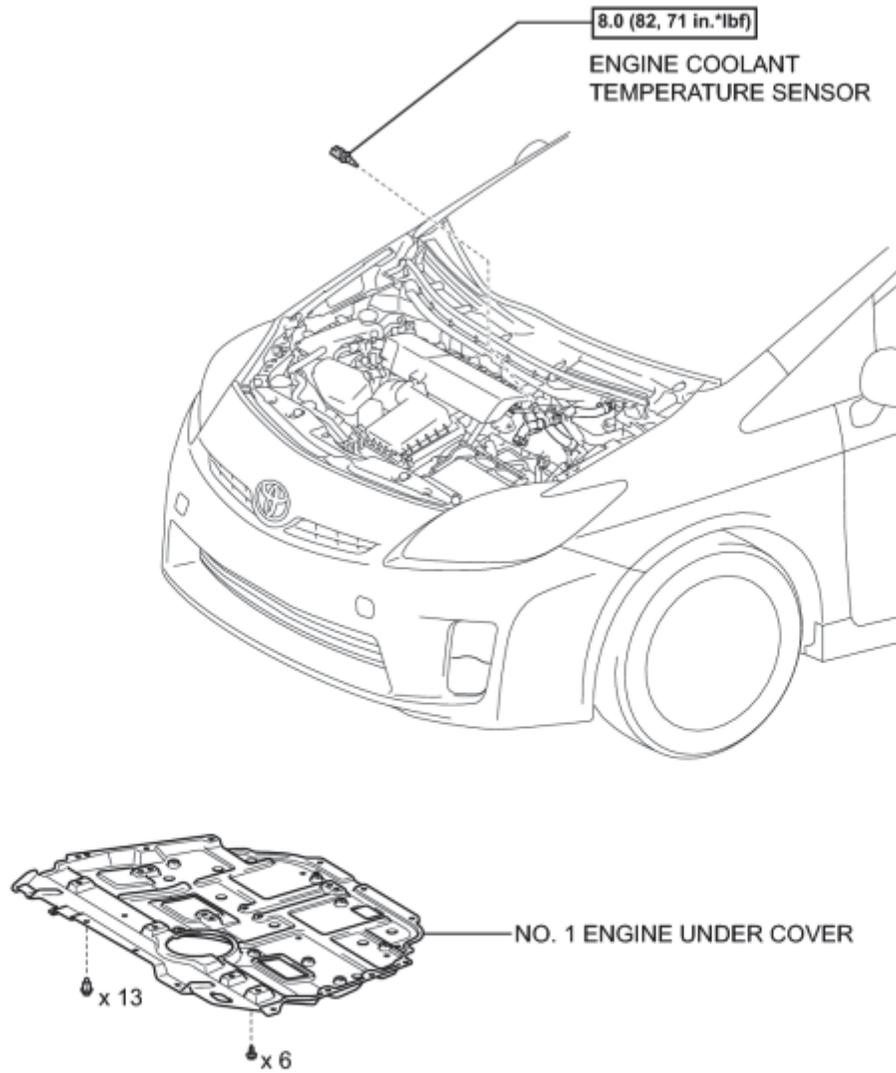


COMPONENTS

ILLUSTRATION



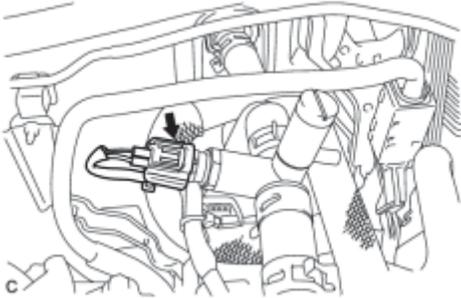
N*m (kgf*cm, ft.*lbf): Specified torque

REMOVAL

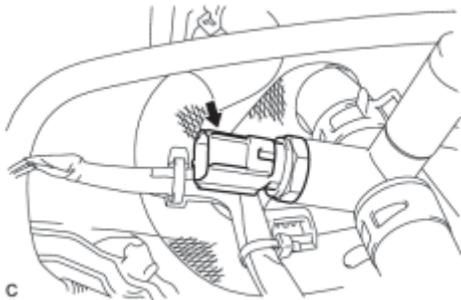
1. REMOVE NO. 1 ENGINE UNDER COVER

2. DRAIN ENGINE COOLANT (for Engine)_INFO

3. REMOVE ENGINE COOLANT TEMPERATURE SENSOR



(a) Disconnect the engine coolant temperature sensor connector.



(b) Using a union nut wrench (19 mm), remove the engine coolant temperature sensor.

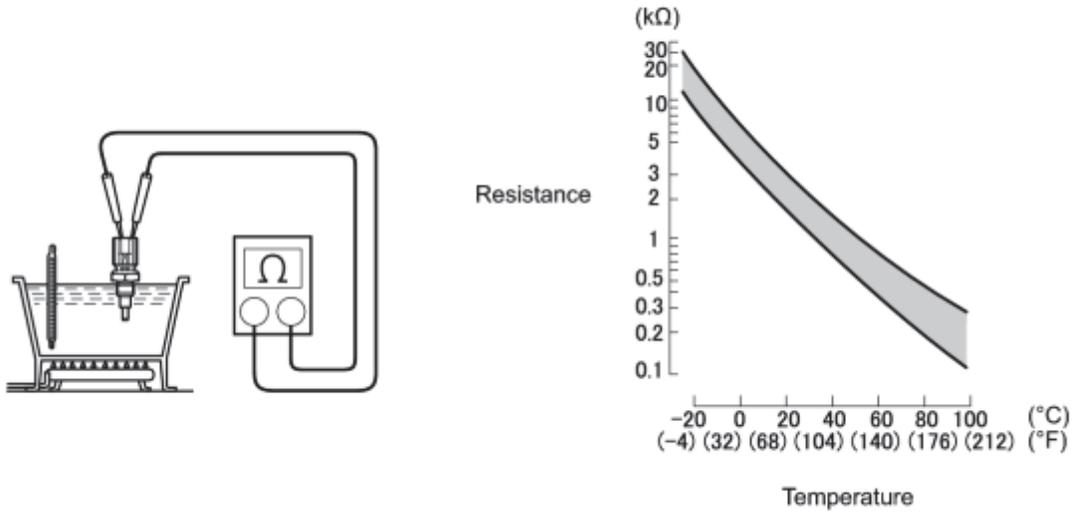
NOTICE:

Do not apply any excessive force to the heater pipe when removing the engine coolant temperature sensor.

INSPECTION

1. INSPECT ENGINE COOLANT TEMPERATURE SENSOR

(a) Measure the resistance according to the value(s) in the table below.



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Standard Resistance:

| Condition | Specified Condition |
|----------------------------|---------------------|
| Approximately 20°C (68°F) | 2.32 to 2.59 kΩ |
| Approximately 80°C (176°F) | 0.310 to 0.326 kΩ |

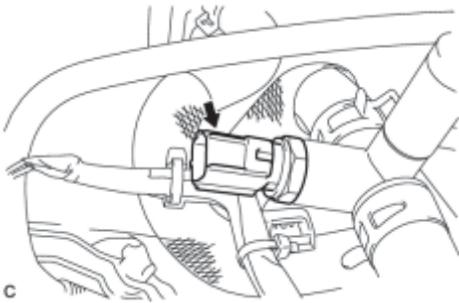
NOTICE:

When checking the engine coolant temperature sensor in water, keep the terminals dry. After the check, dry the engine coolant temperature sensor.

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

INSTALLATION

1. INSTALL ENGINE COOLANT TEMPERATURE SENSOR

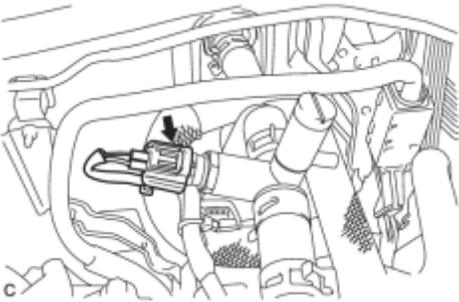


(a) Using a union nut wrench (19 mm), install the engine coolant temperature sensor.

Torque: **8.0 N·m (82 kgf·cm, 71in·lbf)**

NOTICE:

Do not apply any excessive force to the heater pipe when installing the engine coolant temperature sensor.



(b) Connect the engine coolant temperature sensor connector.

2. ADD ENGINE COOLANT (for Engine) INFO

3. INSPECT FOR COOLANT LEAK (for Engine) INFO

4. INSTALL NO. 1 ENGINE UNDER COVER