CAMSHAFT POSITION SENSOR

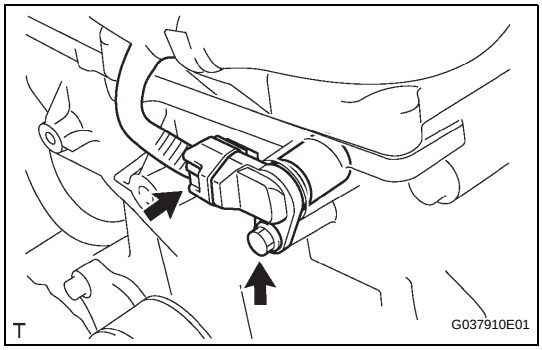
REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

2. REMOVE CAMSHAFT POSITION SENSOR

(a) Disconnect the camshaft position sensor connector.

(b) Remove the bolt, then remove the camshaft position sensor.



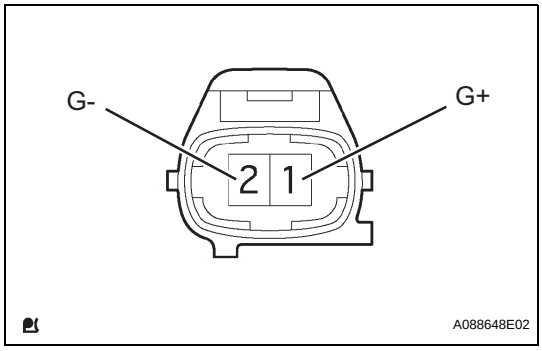
INSPECTION

1. INSPECT CAMSHAFT POSITION SENSOR

(a) Check the resistance.

(1) Using an ohmmeter, measure the resistance between the terminals.

Standard



Tester Connection	Specified Condition
1 (G+) - 2 (G-)	835 to 1,400 Ω at COLD
1 (G+) - 2 (G-)	1,060 to 1,645 Ω at HOT

HINT:

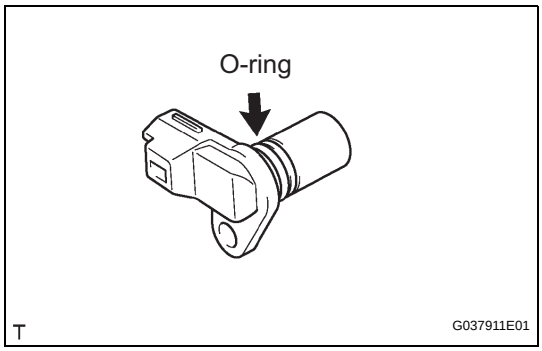
Cold and Hot mean the temperature of the coils themselves. Cold is from -10 to 50°C (14 to 122°F) and Hot is from 50 to 100°C (122 to 212°F).

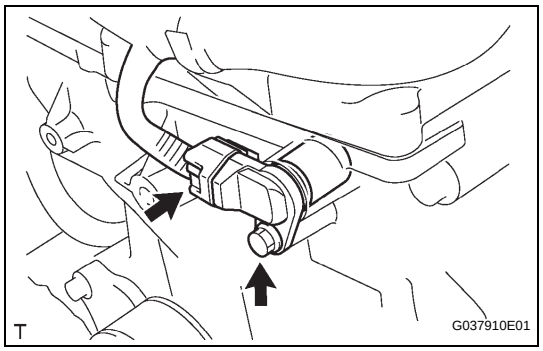
If the result is not as specified, replace the camshaft position sensor.

INSTALLATION

1. INSTALL CAMSHAFT POSITION SENSOR

(a) Apply a light coat of engine oil to the O-ring of the camshaft position sensor.





(b) Install the camshaft position sensor with the bolt.
Torque: 8.5 N*m (87 kgf*cm, 75 in.*lbf)
NOTICE:
Make sure that the O-ring is not cracked or jammed when installing.

(c) Connect the camshaft position sensor connector.

2. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)