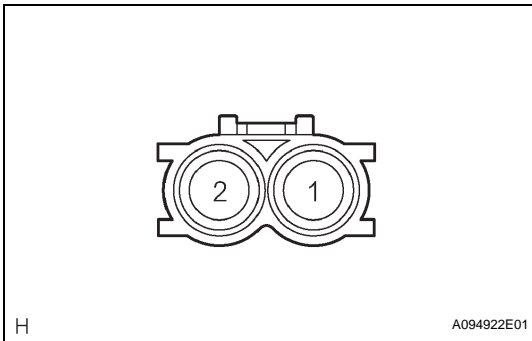
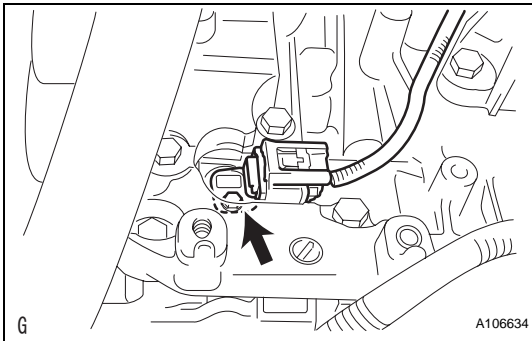


REMOVAL

1. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM (See page [AC-172](#))
2. DRAIN ENGINE COOLANT (See page [CO-8](#))
3. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
CAUTION:
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.
4. REMOVE RADIATOR ASSEMBLY
(a) Remove the radiator assembly (see page [CO-36](#)).
5. REMOVE FAN AND GENERATOR V BELT (See page [EM-8](#))
6. DISCONNECT COMPRESSOR WITH PULLEY ASSEMBLY (See page [AC-220](#))
7. REMOVE CRANKSHAFT POSITION SENSOR
(a) Disconnect the sensor connector.
(b) Remove the bolt and sensor.



INSPECTION

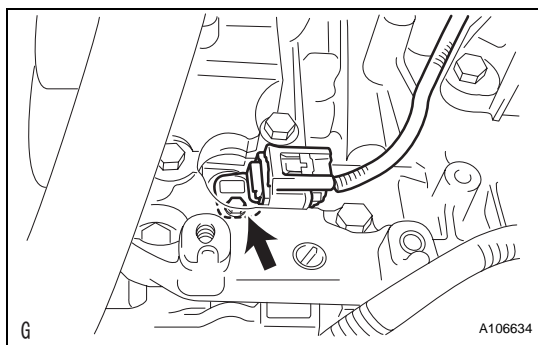
1. INSPECT CRANKSHAFT POSITION SENSOR
(a) Measure the resistance between the terminals.
Standard resistance

Temperature	Specified Condition
Cold	1,630 to 2,740 Ω
Hot	2,065 to 3,225 Ω

NOTICE:

In the table above, the terms "Cold" and "Hot" refer to the temperature of the coils. "Cold" means approximately -10 to 50°C (14 to 122°F). "Hot" means approximately 50 to 100°C (122 to 212°F).

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



INSTALLATION

1. **INSTALL CRANKSHAFT POSITION SENSOR**
 - (a) Apply a coat of engine oil to an O-ring of the sensor.
 - (b) Install the sensor with the bolt.
Torque: 10 N*m (102 kgf*cm, 7 ft.*lbf)
 - (c) Connect the sensor connector.
2. **INSTALL COMPRESSOR WITH PULLEY ASSEMBLY**
(See page [AC-221](#))
3. **INSTALL FAN AND GENERATOR V BELT** (See page [EM-8](#))
4. **INSTALL RADIATOR ASSEMBLY**
 - (a) Install the radiator assembly (see page [CO-40](#)).
5. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
6. **CHARGE REFRIGERANT** (See page [AC-172](#))
7. **ADD ENGINE COOLANT** (See page [CO-8](#))
8. **CHECK FOR LEAKAGE OF REFRIGERANT** (See page [AC-173](#))
9. **CHECK FOR ENGINE COOLANT LEAKS** (See page [CO-1](#))