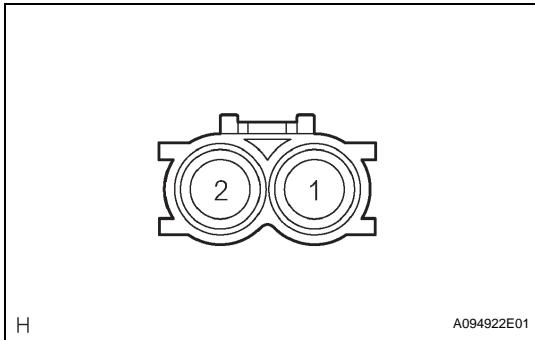
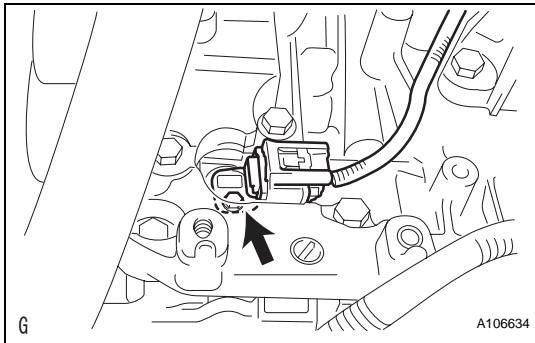


REMOVAL

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

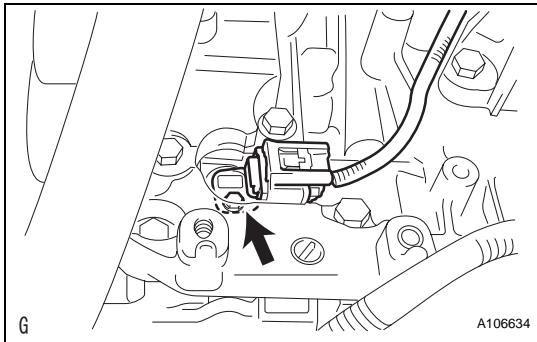
1. **INSPECT CRANKSHAFT POSITION SENSOR**
(a) Measure the resistance between the terminals.
Standard resistance

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](#))

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