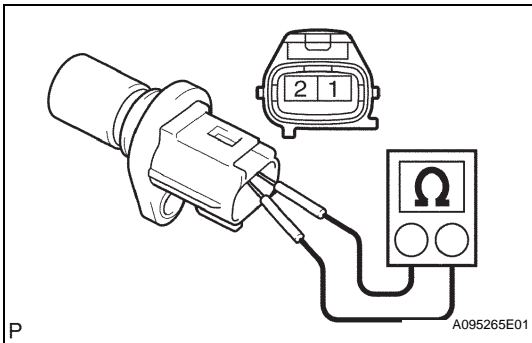
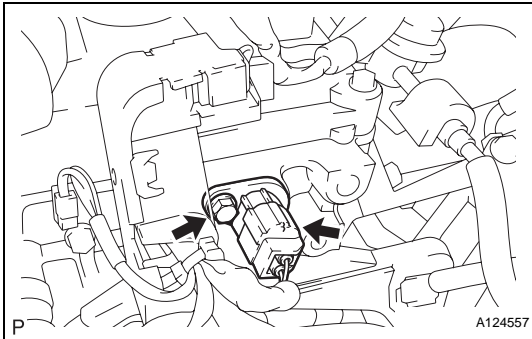


REMOVAL

1. **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.
2. **REMOVE NO. 1 ENGINE COVER** (See page [ES-410](#))
3. **REMOVE AIR CLEANER CAP** (See page [ES-411](#))
4. **REMOVE CAMSHAFT POSITION SENSOR**
 - (a) Disconnect the sensor connector.
 - (b) Remove the bolt and sensor.



INSPECTION

1. **INSPECT CAMSHAFT POSITION SENSOR**
 - (a) Measure the resistance of the sensor.
- Standard resistance**

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

NOTICE:

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.

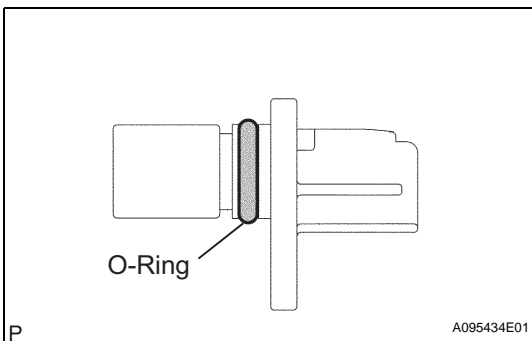
INSTALLATION

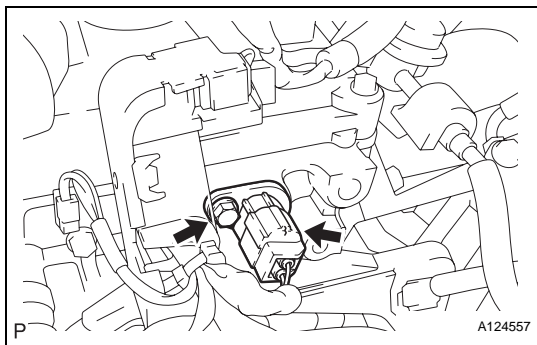
1. **INSTALL CAMSHAFT POSITION SENSOR**

NOTICE:

Make sure that the O-ring is not cracked or jammed when installing it.

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





(b) Install the sensor with the bolt.

Torque: 9.0 N*m (90 kgf*cm, 80 in.*lbf)

(c) Connect the sensor connector.

2. **INSTALL AIR CLEANER CAP** (See page [ES-413](#))
3. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
4. **CHECK FOR ENGINE OIL LEAKAGE**
5. **INSTALL NO. 1 ENGINE COVER** (See page [ES-414](#))