

# INSPECTION



## 1. INSPECT SPARK PLUG

### NOTICE:

- Do not clean the spark plug with a wire brush.
- Do not adjust the gap of the used spark plug.

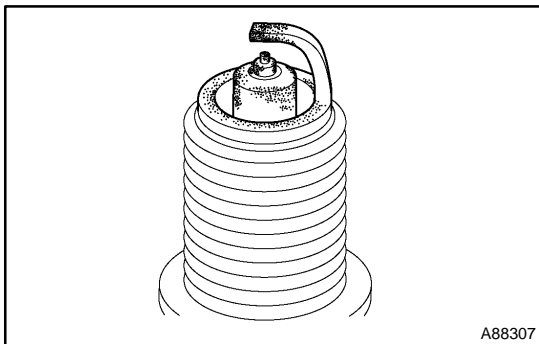
#### (a) Clean the spark plug.

- (1) Using a spark plug cleaner, clean the spark plug.

Air Pressure	Duration
588 kPa (6.0 kgf/cm <sup>2</sup> , 85 psi)	20 second or shorter

### HINT:

- If the electrode is wet, dry it first, then clean it with a spark plug cleaner.
- If the spark plug is wet with oil, remove the oil with gasoline before using a spark plug cleaner.

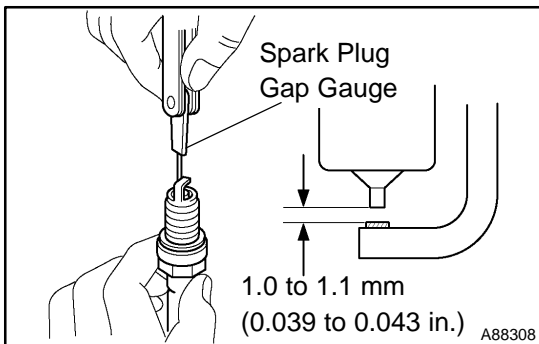


#### (b) Check the appearance.

- (1) Check that the threads or insulator of the spark plug are not damaged.

### Recommendes spark plug:

Supplier	Type
DENSO	SK16R11
NGK	IFR5A11



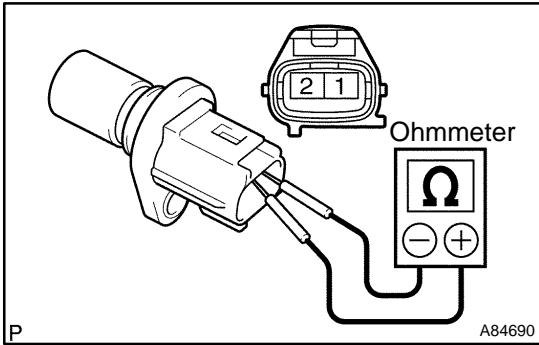
#### (c) Inspect the gap.

- (1) Using a spark plug gap gauge, measure the gap of the spark plug.

**Standard: 1.0 to 1.1 mm (0.039 to 0.043 in.)**

**Maximum: 1.2 mm (0.047 in.)**

If the gap is greater than maximum, replace the spark plug.



**2. INSPECT CAMSHAFT POSITION SENSOR**

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

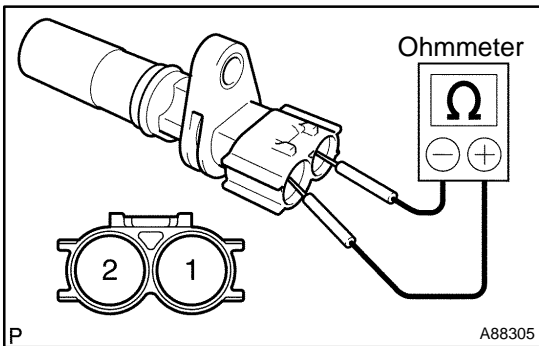
**Standard:**

Tester Connection	Specified Condition
1 (G+) - 2 (G-)	1,630 to 2,740 Ω (Hot)
1 (G+) - 2 (G-)	2,065 to 3,225 Ω (Cold)

**NOTICE:**

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

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



**3. INSPECT CRANKSHAFT POSITION SENSOR**

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

**Standard:**

Tester Connection	Specified Condition
1 (NE+) - 2 (NE-)	985 to 1,600 Ω (Cold)
1 (NE+) - 2 (NE-)	1,265 to 1,890 Ω (Hot)

**NOTICE:**

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

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