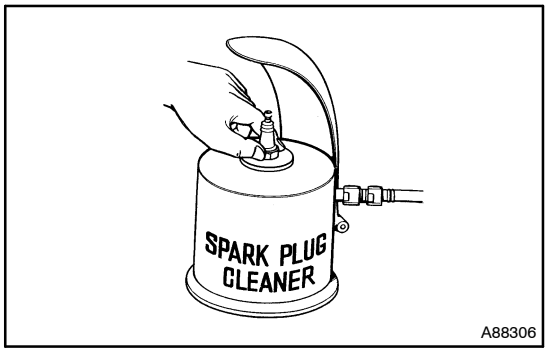
180B7–01

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.**

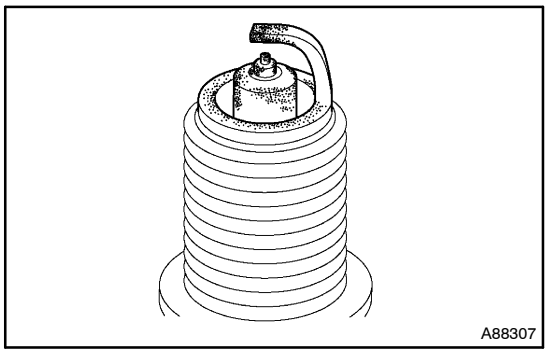
(a) Clean the spark plug.

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

Air Pressure	Duration
588 kPa (6.0 kgf/cm², 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.

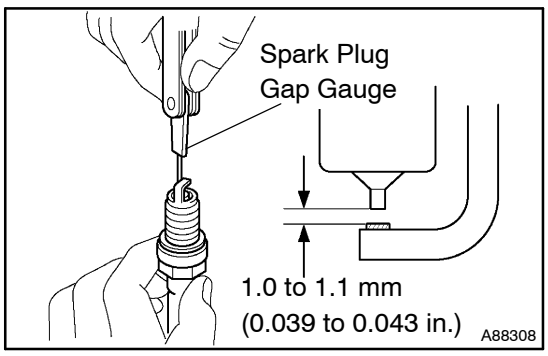


(b) Check the appearance.

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

Recommended spark plug:

Supplier	Type
DENSO	SK16R11
NGK	IFR5A11



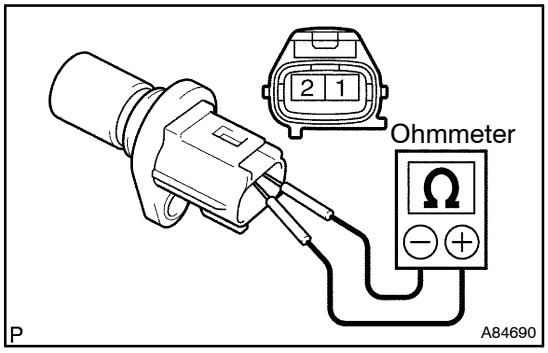
(c) Inspect the gap.

(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.

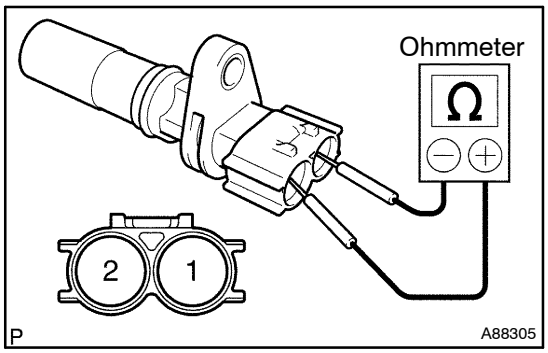
Standard:

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.