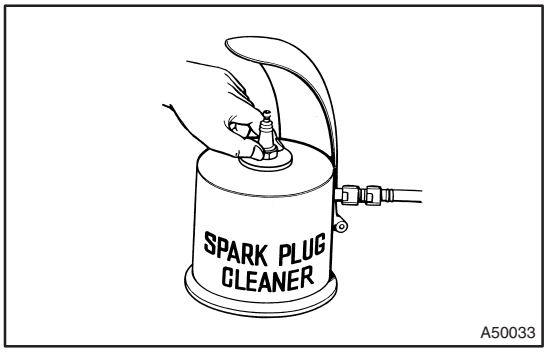
180E5–01

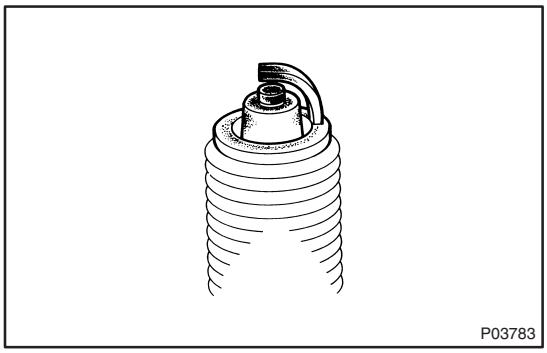
INSPECTION



1. INSPECT SPARK PLUG (LEADED GASOLINE)

(a) Clean the spark plugs.

Air pressure: Below 588 kPa (6.0kg/cm^2, 85 psi)
Duration: 20 seconds or less

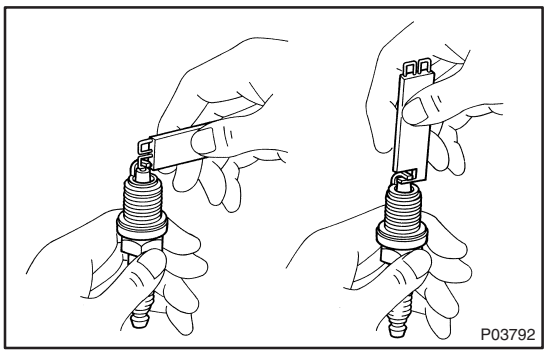


(b) Check the spark plug for any damage on its thread and insulator.

If there is any damage, replace the spark plug.

Recommended spark plug:

NGK made	LFR6C11
DENSO made	K20HR–U11



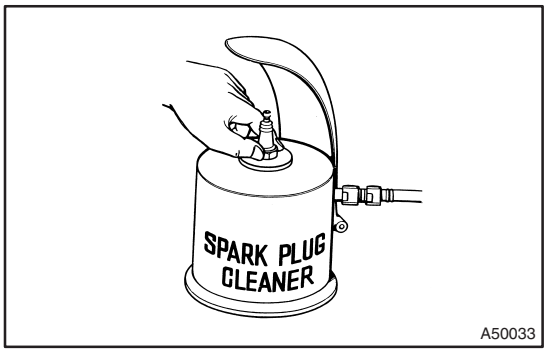
(c) Adjust the electrode gap.

Electrode gap: 1.0 to 1.1 mm (0.039 to 0.043 in.)
Maximum electrode gap: 1.3 mm (0.051 in.)

2. INSPECT SPARK PLUG (UNLEADED GASOLINE)

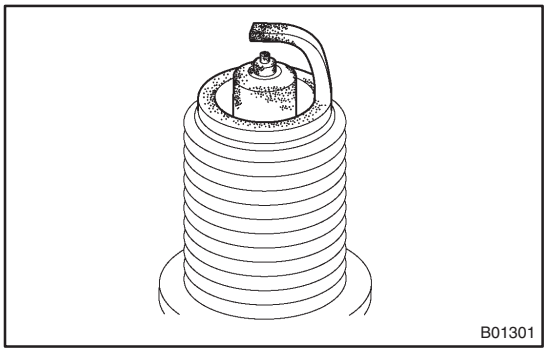
NOTICE:

- **Never use a wire brush for cleaning.**
- **Never attempt to adjust the electrode gap on the used spark plug.**



(a) Clean the spark plugs.

Air pressure: Below 588 kPa (6.0 kgf/cm^2, 85 psi)
Duration: 20 seconds or less


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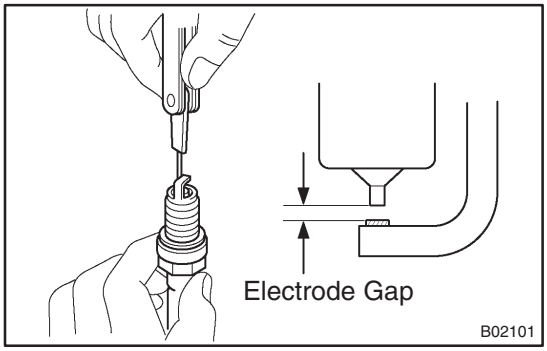
(b) Check the spark plug for any damage on its thread and insulator.

HINT:

If there is any damage, replace the spark plug.

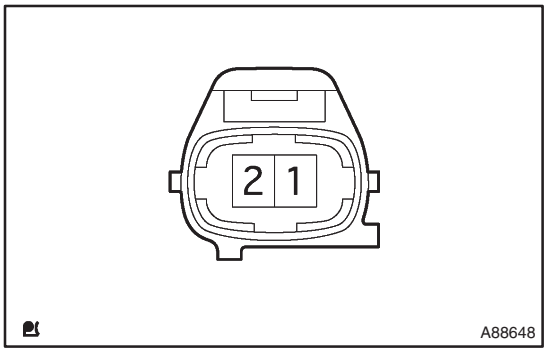
Recommended spark plug:

NGK made	ILFR6C11
DENSO made	SK20HR11



B02101

(c) Check the spark plug electrode gap.
Electrode gap: 1.0 to 1.1 mm (0.039 to 0.043 in.)
Maximum electrode gap: 1.3 mm (0.051 in.)



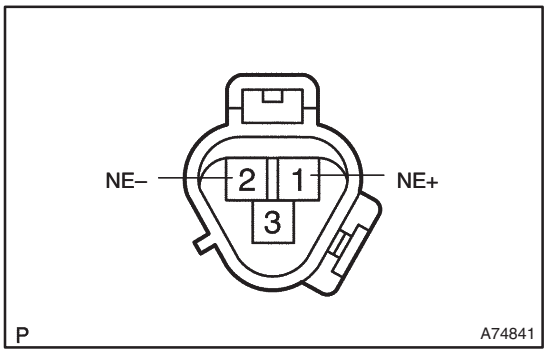
A88648

3. INSPECT CAMSHAFT POSITION SENSOR

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

RESISTANCE:
835 to 1,400 Ω at cold
1,060 to 1,645 Ω at hot

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



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4. INSPECT CRANKSHAFT POSITION SENSOR

(1) Using an ohmmeter, measure the resistance between terminals 1 (NE+) and 2 (NE–).

RESISTANCE:
1,630 to 2,740 Ω at cold
2,065 to 3,225 Ω at hot

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

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