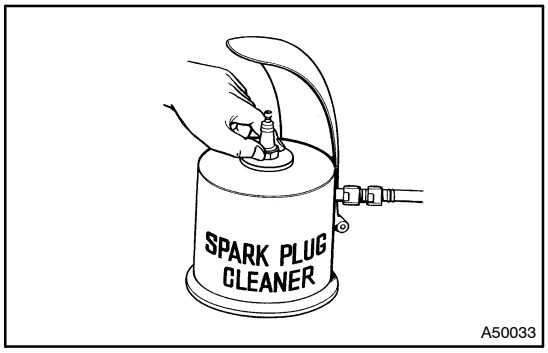
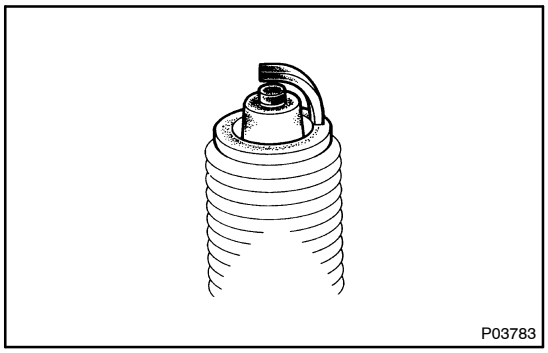
INSPECTION



1. INSPECT SPARK PLUG

(a) Clean the spark plugs.
Air pressure: Below 588 kPa (6kg/cm^2, 85 psi)
Duration: 20 seconds or less



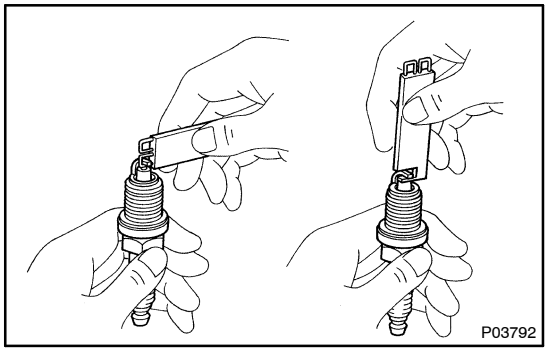
(b) Check the spark plug for any damage on its thread and insulator.

If there is damage, replace the spark plug.

Recommended spark plug:

NGK made	LFR6C–11
DENSO made	K20HR–U11

CAUTION:
Please use long–reach plug.



(c) Adjust electrode gap.
Electrode gap: 1.0 to 1.1 mm (0.039 to 0.043 in.)
Maximum electrode gap: 1.41 mm (0.056 in.)

2. INSPECT VVT 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).

3. INSPECT CRANKSHAFT POSITION SENSOR

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