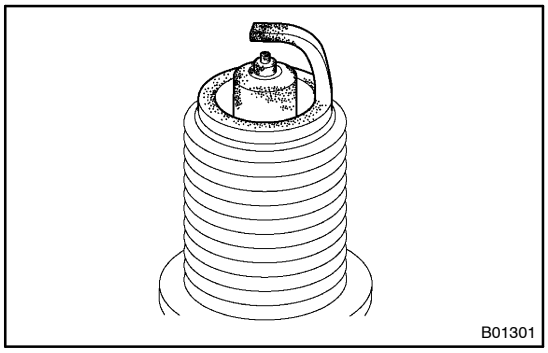
1803D–01

INSPECTION

1. SPARK PLUG

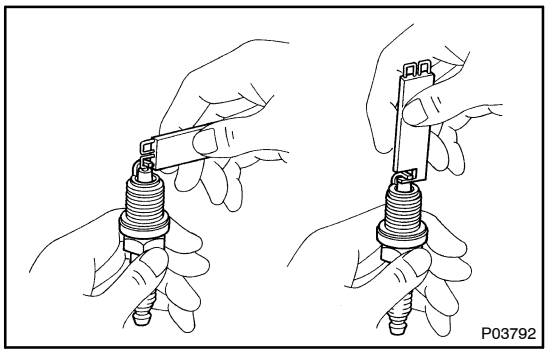
NOTICE:
Try not to clean the irridium and platinum tip. However, when the cleaning is necessary, use of spark plug cleaner is recommended. Duration should be less than 20 seconds.



(a) Check the spark plug for thread damage and insulator damage.

If abnormal, replace the spark plug.

Recommended spark plug:
DENSO MADE SK20R11
NGK MADE IFR6A11



(b) Check the electrode gap.
Electrode gap: 1.0 – 1.1 mm (0.039 – 0.043 in.)
Maximum electrode gap: 1.3 mm (0.051 in.)

NOTICE:
- **This engine is fitted with irridium–tipped spark plugs. Never attempt to adjust the electrode gap.**
- **Do not scratch the irridium and platinum tip between electrode gap.**

2. CAMSHAFT POSITION SENSOR

(a) Using an ohmmeter, measure the resistance between terminals.
RESISTANCE:
at cold 835 – 1,400 Ω
at hot 1,060 – 1,645 Ω

NOTICE:
"Cold" and "Hot" on the table express 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. CRANK POSITION SENSOR

(a) Using an ohmmeter, measure the resistance between terminals.
RESISTANCE:
at cold 985 – 1,600 Ω
at hot 1,265 – 1,890 Ω

NOTICE:
"Cold" and "Hot" on the table express 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).