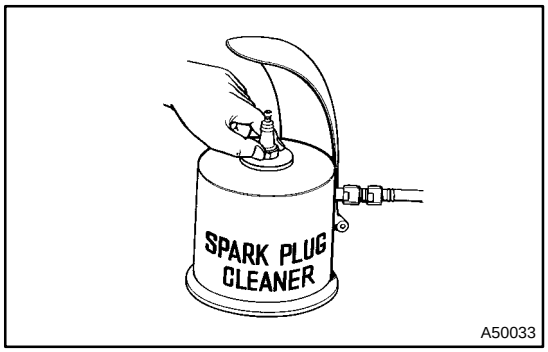
1804E–01

INSPECTION

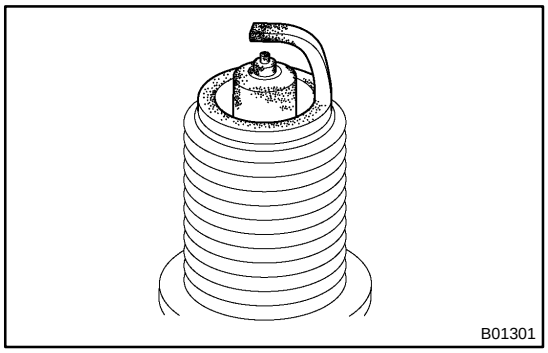
1. SPARK PLUG

NOTICE:

- **Never use a wire brush for cleaning.**
- **Never attempt to adjust the electrode gap on used spark plug.**
- **Spark plug should be replaced every 192,000 km (120,000 miles).**



(a) Clean the spark plugs.
Air pressure: Below 588 kPa (6.0 kg/cm^2, 85 psi)
Duration: 20 seconds or less

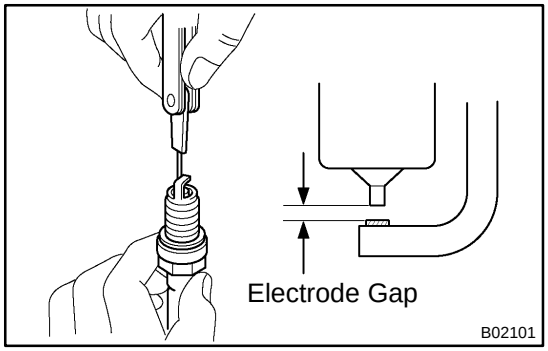


(b) Check the spark plug for thread damage and insulator damage.

HINT:

If abnormal, replace the spark plug.

Recommended spark plug:
SK16R11 (DENSO made)
IFR5A11 (NGK made)



(c) Check the spark plug electrode gap.
Electrode gap: 1.1 mm (0.043 in.)

2. CRANK POSITION SENSOR NO.1

(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).

HINT:

If the resistance is not as specified, replace the crank position sensor No. 1.

3. CRANK POSITION SENSOR

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

RESISTANCE:

At cold 1,630 – 2,740 Ω

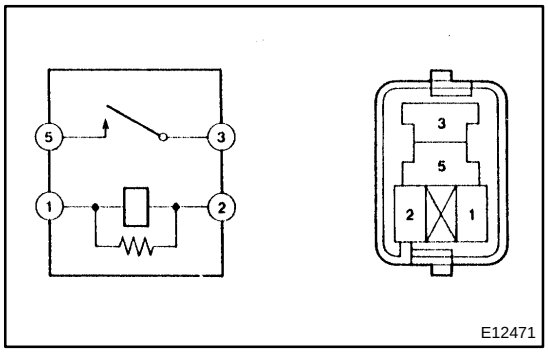
At hot 2,065 – 3,225 Ω

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).

HINT:

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



4. IGNITION RELAY

(a) Continuity inspection.

(1) Using an ohmmeter, check that continuity exists between each terminal.

Specified condition:

Between terminal 1 and 2 Continuity

Between terminal 3 and 5 No continuity

(2) Using an ohmmeter, check that continuity exists between terminals 3 and 5 when the battery voltage is applied across terminals 1 and 2.