

## INSPECTION



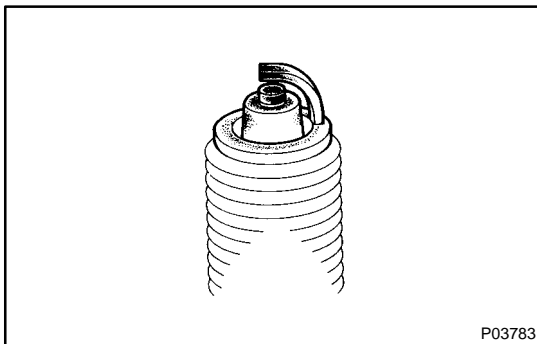
A50033

### 1. INSPECT SPARK PLUG

- (a) Clean the spark plugs.

**Air pressure: Below 588 kPa (6kg/cm<sup>2</sup>, 85 psi)**

**Duration: 20 seconds or less**



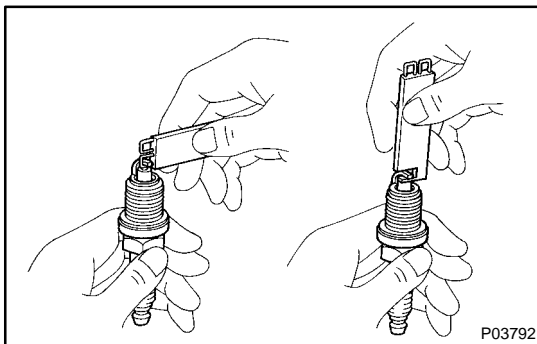
P03783

- (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 |



P03792

- (c) Adjust electrode gap.

**Electrode gap: 1.0 - 1.1 mm (0.039 - 0.043 in.)**

**Maximum electrode gap: 1.46 mm (0.057 in.)**

### 2. INSPECT VVT SENSOR

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

#### RESISTANCE:

**835 - 1400 Ω at cold**

**1060 - 1645 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 terminals.

#### RESISTANCE:

**1630 - 2740 Ω at cold**

**2065 - 3225 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).**