Repair Instructions

Spark Plug Removal and Installation
S6RW0C1806001

Removal
1) Remove ignition coil assemblies referring to "Ignition Coil Assembly (Including ignitor) Removal and Installation".
2) Remove spark plugs.

Installation
1) Install spark plugs and tighten them to specified torque.

   Tightening torque
   Spark plug: 25 N·m (2.5 kgf-m, 18.0 lb-ft)

2) Install ignition coil assemblies referring to "Ignition Coil Assembly (Including ignitor) Removal and Installation".

Spark Plug Inspection
S6RW0C1806002

Inspect spark plug for the following:
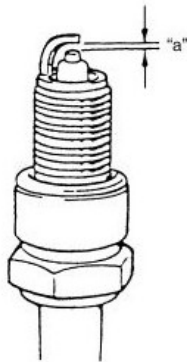- Electrode wear
- Carbon deposits
- Insulator damage

If any abnormality is found, adjust air gap, clean with spark plug cleaner or replace them with specified new plugs

Spark plug air gap "a"
: 1.0 – 1.1 mm (0.040 – 0.043 in.)

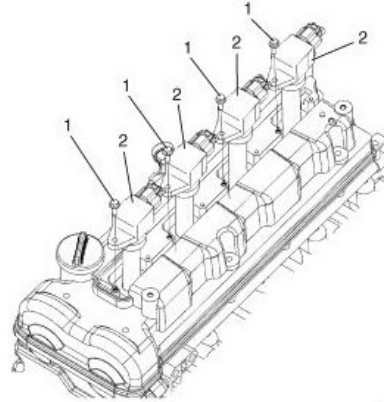**Spark plug type**
NGK: BKR6E-11 (Nickel)

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Ignition Coil Assembly (Including ignitor) Removal and Installation
S6RW0C1806003

Removal
1) Disconnect negative cable at battery.
2) Remove air cleaner case referring to "Air Cleaner Assembly Removal and Installation in Section 1D".
3) Disconnect ignition coil coupler.

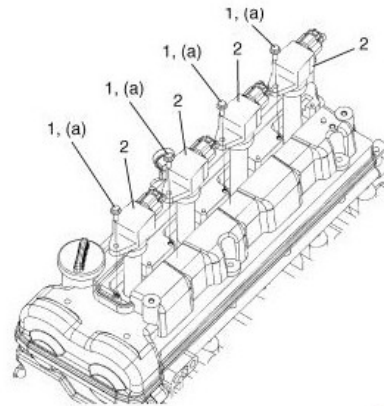4) Remove ignition coil bolts (1), and then pull out ignition coil assembly (2).

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Installation
1) Install ignition coil assembly (2).
2) Tighten ignition coil bolts (1) to specified torque, and then connect ignition coil coupler.

   Tightening torque
   Ignition coil bolt (a): 6.5 N·m (0.65 kgf-m, 5.0 lb-ft)

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3) Install air cleaner case referring to "Air Cleaner Assembly Removal and Installation in Section 1D".
4) Connect negative cable to battery.

Ignition Coil Assembly (Including ignitor) Inspection
S6RW0C1806004

Check ignition coil assembly for the following:
- Damage
- Deterioration
- Terminal for corrosion

If any abnormality is found, replace ignition coil assembly.