

## Ignition System

Connect the peak voltage adaptor probes between the primary ignition coil terminal and body ground with the connectors remained connected.

### Connection

No. 1, 4 ignition coil (Right)

Yellow/Blue terminal(+) – Body ground(-)

No. 2, 3 ignition coil (Left)

Blue/Yellow terminal(+) – Body ground(-)

Turn the ignition switch ON and engine stop switch to RUN. Check for the initial voltage at this time. The battery voltage should be measured.

If the initial voltage is not measured, check the probable cause described in troubleshooting.

Crank the engine with the starter motor and read each ignition coil primary peak voltage.

**Peak voltage: 100 V minimum**

### ⚠ WARNING

- Avoid touching the spark plugs and tester probes to prevent electric shock.

### NOTE

- Although measured values are different for each ignition coil, they are normal as long as each voltage is higher than the specified voltage.

## Pulse Generator Peak Voltage Inspection

### NOTE

- Measure the peak voltage with the cylinder compression is applied. Leave all spark plugs in the cylinder head.

Remove the rear fairing (page 2-3).

Disconnect the spark unit connector.

Connect the peak voltage adaptor on the harness side connector.

Measure the pulse generator peak voltage while cranking the engine with the starter motor.

### Connection

Yellow terminal(+) – White/Yellow terminal(-)

**Peak voltage: 0.7 V minimum**

### ⚠ WARNING

- Avoid touching the tester probes while measuring the voltage to prevent electric shock.

