

Remove the luggage box (page 3-8).

Turn the ignition switch OFF.

Disconnect the CKP sensor 2P connector and connect the imrie diagnostic tester or peak voltage adaptor probes to the connector terminals of the CKP sensor side.

TOOL:

**Imrie diagnostic tester (model 625) or
Peak voltage adaptor 07HGJ-0020100
with commercially available digital multimeter
(impedance 10 MΩ/DCV minimum)**

CONNECTION: White/Yellow (+) – Yellow (-)

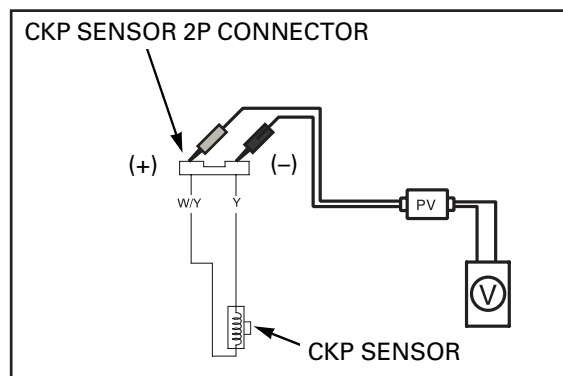
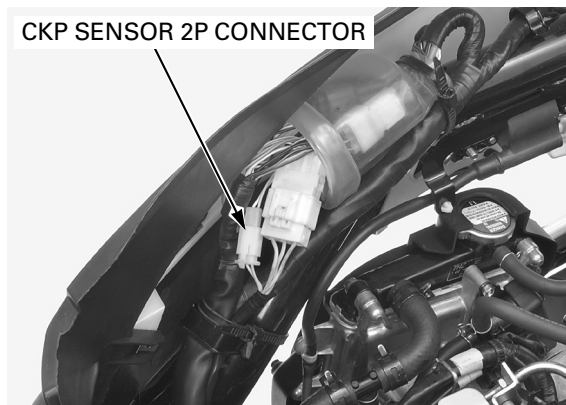
Turn the ignition switch ON and squeeze the brake lever fully.

Crank the engine with the starter motor and measure the CKP sensor peak voltage.

PEAK VOLTAGE: 0.7 V minimum

In the same manner as at the ECM 33P connector, measure the peak voltage and compare it to the voltage measured at the ECM 33P connector.

- If the peak voltage measured at the test harness is abnormal and the one measured at the CKP sensor is normal, the wire harness has an open or short circuit, or loose connection.
- If both peak voltages are abnormal, check each item in the troubleshooting chart (page 19-4).
For CKP sensor replacement (page 13-4).



IGNITION COIL

REMOVAL/INSTALLATION

Remove the body cover (page 3-9).

Disconnect the spark plug cap.

Release the wire band bosses from the frame stay and radiator base.

Disconnect the ignition coil primary wire connectors.

Remove the mount bolts and ignition coil.

Installation is in the reverse order of removal.

Route the wire harness properly (page 1-17).

