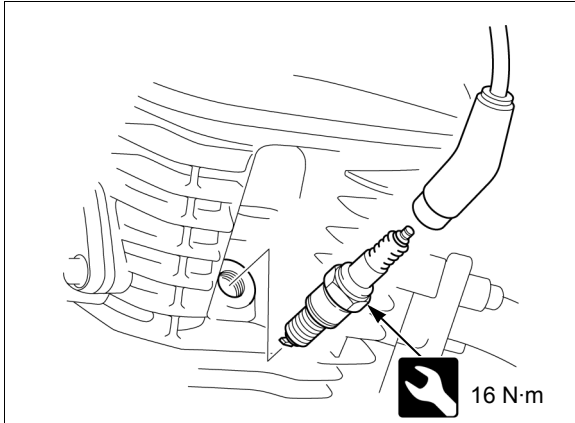




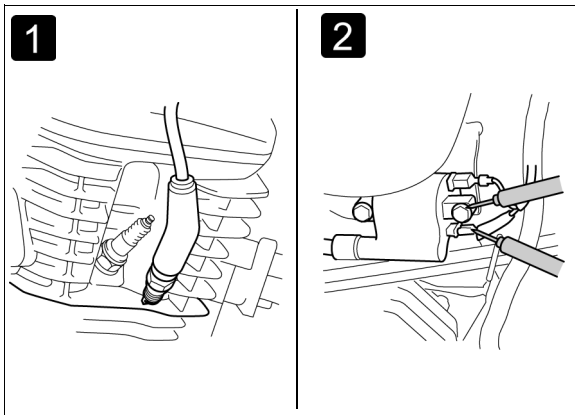
SPARK PLUG REPLACEMENT



- Spark plug inspection.

INSPECTION

IGNITION COIL PRIMARY PEAK VOLTAGE



- Refer to "Basic Shop Manual" for the detail information of ignition coil primary peak voltage inspection.

- Support the vehicle with its centerstand on a level surface.

- Fuel tank shroud →3-6

- Disconnect the spark plug cap from the spark plug.

- **1** Connect a known-good spark plug to the spark plug cap and ground it to the cylinder head as done in a spark test.

- **2** With the ignition coil primary wires connected, connect the peak voltage adaptor probes to the ignition coil primary terminal and ground.

CONNECTION: P/Bu (+) – Ground (-)

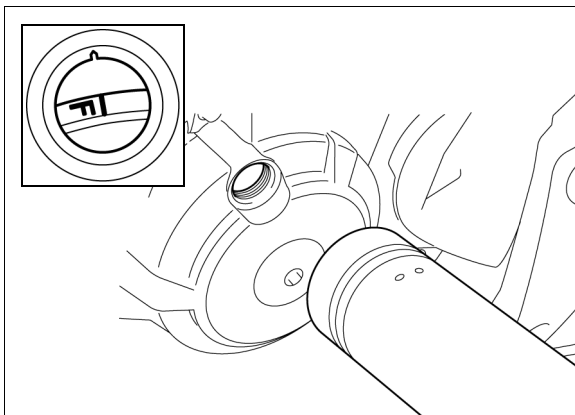
- Check the initial voltage at this time.

STANDARD VOLTAGE: Battery voltage

- Shift the transmission in neutral, and then crank the engine with the starter and measure the ignition coil primary peak voltage.

PEAK VOLTAGE: 100 V minimum

IGNITION TIMING



- Warm the engine up to normal operating temperature.

- Connect the timing light to the spark plug wire.

- Start the engine and let it idle
IDLE SPEED: 1,500 ± 100 rpm

- The ignition timing is correct if the "F" mark on the flywheel aligns with the index mark on the left crankcase cover.