

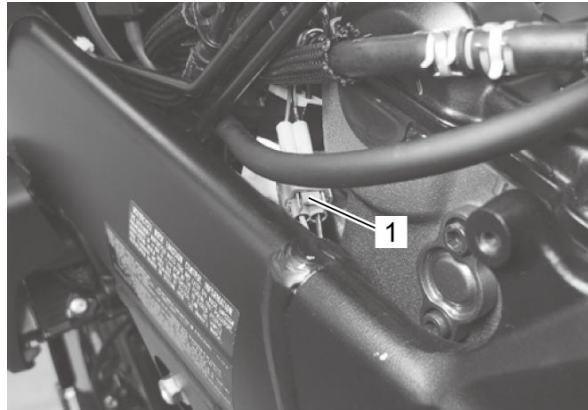
Side-stand / Ignition Interlock System Parts Inspection



Check the interlock system for proper operation. If the interlock system does not operate properly, check each component for damage or abnormalities. If any abnormality is found, replace the component with a new one.

Side-stand Switch

- 1) Turn the ignition switch OFF.
- 2) Lift and support the fuel tank.
- 3) Disconnect the side-stand switch coupler (1).



- 4) Set the "Diode test" of the multi circuit tester. Refer to [Precautions for Circuit Tester](#).
- 5) Check that the tester reads 1.4 V or more.

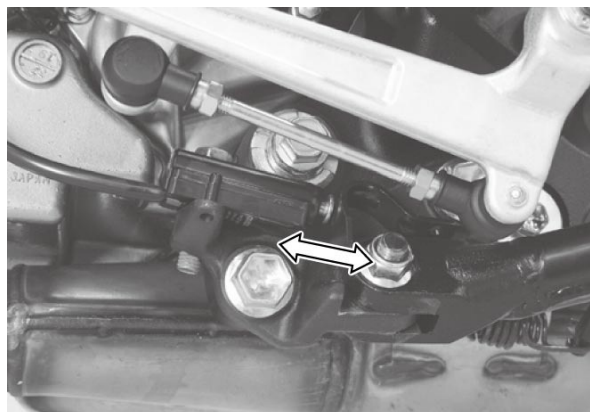
NOTE:

If the tester reads less than 1.4 V when the tester probes are not connected, replace its battery.

- 6) Measure the voltage between G and B/W lead wires of the side-stand switch.

Side-stand switch voltage

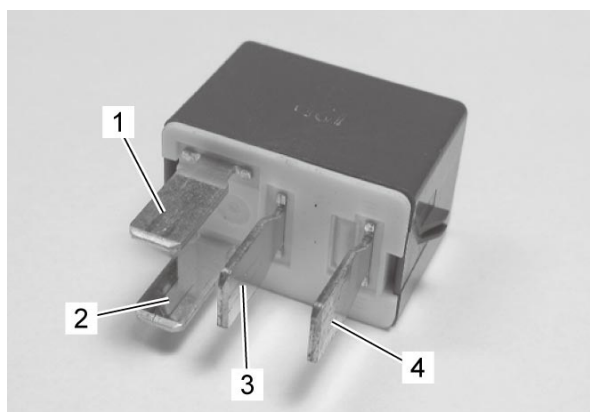
	G ((+) probe)	B/W ((-) probe)
ON (Side-stand retracted)	0.4 – 0.6 V	
OFF (Side-stand on the ground)	1.4 V or more (Tester's battery voltage)	



Side-stand Relay

Refer to [Side-stand Relay Removal and Installation](#).

First check the insulation between (3) and (4) terminals with a circuit tester. Then apply 12 V to (1) and (2) terminals, (+) to (1) and (-) to (2), and check the continuity between (3) and (4). If there is no continuity, replace it with a new one.



Diode

- 1) Turn the ignition switch OFF.
- 2) Remove the seat.
- 3) Remove the diode (1) from the fuse box.

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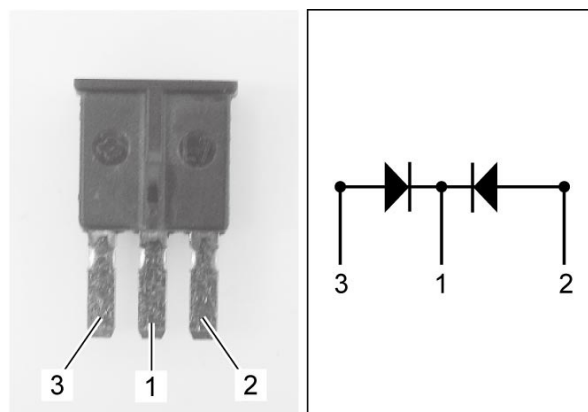
- 4) Set the "Diode test" of the multi circuit tester. Refer to [Precautions for Circuit Tester](#).
- 5) Check that the tester reads 1.4 V or more.

NOTE:

If the tester reads less than 1.4 V when the tester probes are not connected, replace its battery.

- 6) Measure the voltage between the (1), (2) and (3) terminals.

Diode voltage



Side-stand Diode

- 1) Turn the ignition switch OFF.
- 2) Remove the right rear frame cover.
- 3) Set the "Diode test" of the multi circuit tester. Refer to [Precautions for Circuit Tester](#).
- 4) Check that the tester reads 1.4 V or more.

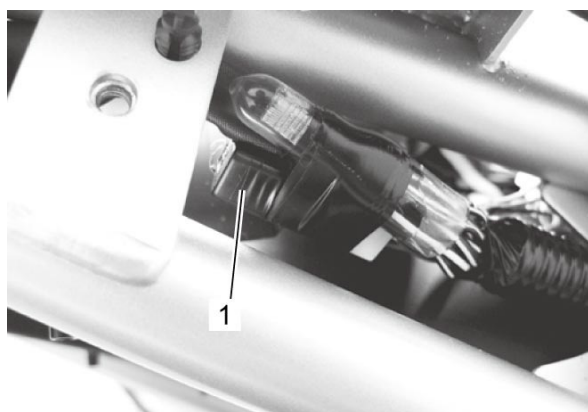
NOTE:

If the tester reads less than 1.4 V when the tester probes are not connected, replace its battery.

- 5) Measure the voltage between G and G/B lead wires of the side-stand diode (1).

Side-stand diode voltage

	G (+ probe)	G/B (- probe)
ON (Side-stand retracted)	0.4 – 0.6 V	
OFF (Side-stand on the ground)	1.4 V or more (Tester's battery voltage)	





Gear Position Switch

- 1) Turn the ignition switch OFF
- 2) Lift and support the fuel tank.
- 3) Disconnect the gear position switch lead wire coupler (1).

NOTICE:

When disconnecting and connecting the gear position switch lead wire coupler, make sure to turn off the ignition switch, or electronic parts may get damaged.



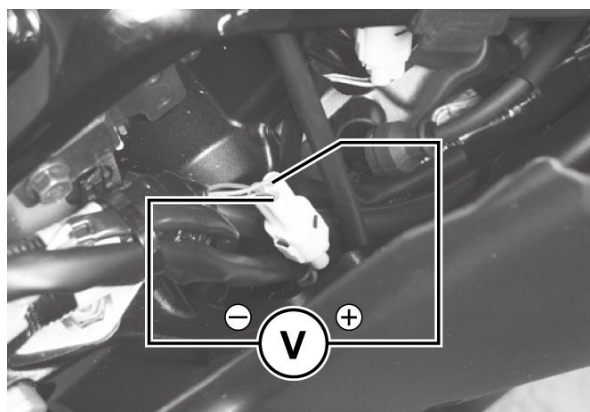
- 4) Check the continuity between BI and B/W lead wires with the transmission in "NEUTRAL".



- 5) Connect the gear position switch lead wire coupler to the wiring harness.
- 6) Support the motorcycle with a jack or wooden block.
- 7) Turn the ignition switch ON and side-stand to upright position.
- 8) Measure the voltage between P and B/W lead wires when shifting the gearshift lever from low to top.

Gear position switch voltage (Except neutral position)

0.6 V or more





9) Turn the ignition switch OFF.