TROUBLESHOOTING

Starter motor does not turn

- Check for a blown main or sub fuses before servicing.
- Make sure the battery is fully charged and in good condition.

Check the starter relay switch operation.
You should hear the relay "CLICK" when the starter switch button is depressed.

"CLICK" heard → Apply battery voltage to the starter motor directly and check the operation.

- Normal → • Poorly connected starter motor cable • Faulty starter relay switch (page 18-10)
- Abnormal → • Faulty starter motor (page 18-4)

"CLICK" not heard ↓

Disconnect the starter relay switch connector, and check the relay coil ground wire lines as below for continuity:

1. Green/Red terminal-clutch switch diode-neutral switch line (with the transmission in neutral and clutch lever released).
2. Green/Red terminal/clutch switch-side stand switch line (in any gear except neutral, and with the clutch lever pulled in and the side stand up.

Abnormal → • Faulty neutral switch (page 19-21)
• Faulty neutral diode
• Faulty clutch switch
• Faulty clutch/side stand diode
• Faulty side stand switch
• Loose or poor contact connector
• Open circuit in wire harness

Normal ↓

Connect the starter relay switch connector.
With the ignition switch ON and the starter switch pushed, measure the starter relay voltage at the starter switch connector (between Yellow/Red (+) and ground (−).

No voltage → • Faulty ignition switch
• Faulty starter switch
• Blown out main or sub-fuse
• Loose or poor contact of connector
• Open circuit in wire harness

Battery voltage registered ↓

Check the starter relay switch operation.

Normal → • Loose or poor contact starter relay switch connector

Abnormal → • Faulty starter relay switch