

**7. Starter Relay Switch Continuity Inspection**

Connect the starter relay switch connector.

Turn the ignition switch ON and the engine stop switch " Ⓞ ", check for continuity at the starter relay switch terminals when the starter switch is pushed.

*Is there continuity?*

**NO** – Faulty starter relay switch

**YES** – Loose or poor contact starter relay switch connector

**The starter motor turns when the transmission is in neutral, but does not turn with the transmission in any position except neutral, with the side stand up and the clutch lever pulled in.**

**1. Clutch Switch Inspection**

Check the clutch switch operation.

*Is the clutch switch operation normal?*

**NO** – Faulty clutch switch

**YES** – GO TO STEP 2.

**2. Side Stand Switch Inspection**

Check the side stand switch operation.

*Is the side stand switch operation normal?*

**NO** – Faulty side stand switch (page 20-22)

**YES** – • Open circuit in wire harness  
• Loose or poor contact connector

**Starter motor turns engine slowly**

- Low battery voltage
- Poorly connected battery terminal cable
- Poorly connected starter motor cable
- Faulty starter motor
- Poorly connected battery ground cable

**Starter motor turns, but engine does not turn**

- Starter motor is running backwards
  - Case assembled improperly
  - Terminals connected improperly
- Faulty starter clutch
- Damaged or faulty starter drive gear, driven gear and/or reduction gear

**Starter relay switch "Clicks", but engine does not turn over**

- Crankshaft does not turn due to engine problems