

7. Brake light switch line inspection

Remove the inhibitor relay.
Turn the ignition switch ON.
Squeeze the brake lever fully and measure the battery voltage between the inhibitor relay (Black) connector and ground.

CONNECTION: Green/Yellow (+) – Ground (-)

Does the battery voltage exist?

YES – GO TO STEP 8.

NO – • Loose or poorly connected connector.
• Open circuit in Green/Yellow wire between the inhibitor relay and brake light switch.

8. Starter switch line inspection

Turn the ignition switch ON.
Push the starter switch and measure the voltage between the inhibitor relay (Black) connector of the wire harness side and ground.

CONNECTION: Blue/Green – Ground

STANDARD: 4.75 – 5.25 V

Is the voltage within 4.75 – 5.25 V?

YES – GO TO STEP 9.

NO – • Loose or poorly connected connector.
• Faulty starter switch (page 21-12).
• Open or short circuit in Blue/Green wire between the inhibitor relay and starter switch.
• Open or short circuit in White/Green wire between the starter switch and ECM.

9. Inhibitor relay ground line inspection

Turn the ignition switch OFF.
Check for continuity between the inhibitor relay (Black) connector of the wire harness side and ground.

CONNECTION: Green – Ground

Is there continuity?

YES – GO TO STEP 10.

NO – • Loose or poorly connected connector.
• Open circuit in Green wire.

10. Inhibitor relay inspection

Turn the ignition switch OFF.
Check the inhibitor relay for continuity (page 20-14).

Is there continuity?

YES – Replace the ECM with a new one and recheck.

NO – Faulty inhibitor relay.

Starter motor turns engine slowly

- Low battery voltage.
- Poorly connected battery terminal cable.
- Poorly connected starter motor cable.
- Faulty starter motor.
- Poor 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 pinion.

Starter relay "CLICK", but engine does not turn

- Crankshaft does not turn due to engine problems.