




Starter Motor Will Not Run

NOTE:

Check the fuses and charge the battery fully before diagnosing.

Troubleshooting

Step	Action	Yes	No
1	<p>1) Shift the transmission into neutral. 2) Grasp the clutch lever, turn on the ignition switch with the engine stop switch in the "RUN" position and listen for a click from the starter relay when the starter button is pushed.</p> <p><i>Does the starter relay click?</i></p>	Go to Step 2.	Go to Step 3.
2	<p>Check if the starter motor runs when its terminal is connected to the battery (+) terminal.</p> <p>NOTICE: Do not use thin "wire" because a large amount of current flows.</p> <p><i>Does the starter motor run?</i></p>	<ul style="list-style-type: none"> Faulty starter relay. Loose or disconnected starter motor lead wire. Loose or disconnected between starter relay and battery (+) terminal. 	Faulty starter motor.
3	<p>Measure the voltage between Y/G wire (+) and B/Y wire (-) at the starter relay coupler when the starter button is pushed.</p> <p><i>Is the voltage OK?</i></p>	Go to Step 4.	<ul style="list-style-type: none"> Faulty ignition switch. Faulty engine stop switch. Faulty front brake switch. Faulty rear brake switch. Faulty side-stand relay. Faulty starter button. Faulty side-stand switch. Poor contact of connector. Open circuit in wire harness.
4	<p>Check the starter relay. </p> <p><i>Is the starter relay OK?</i></p>	Poor contact of the starter relay.	Faulty starter relay.