

Blaze Starting Trouble Shooting Guide

I.

Does the starter motor turn?

Yes – Starter Motor turns over but engine will not fire - Go to II

No - Before proceeding make sure dealer understands how to operate the Remote Module. It must be reset by pressing the “lock” button and then the “lightning bolt” button each time they attempt to start. Also confirm that the dealer has checked the battery to confirm it is in good operating condition.

A) Disconnect the Remote Module located under the seat and jump the Black and Light Green wires.

Did this correct the problem?

Yes – Check Remote battery, replace if needed. If battery checks out ok, Replace or disable the Remote Module

No- Reconnect Remote Module, Go to B

B) Disconnect the Brake Switch located in the right brake handle and jump the yellow / black wire to the green / red wire.

Did this correct the problem?

Yes – Replace the Brake Switch

No - Reconnect the Brake Switch, Go to C

C) Locate the Auxiliary Relay located under the left rear fender near the Voltage Regulator. Disconnect the Auxiliary Relay and jump the blue / white wire to the yellow / black wire.

Did this correct the problem?

Yes – Replace the Auxiliary Relay

No - Reconnect the Auxiliary Relay, Go to D

D) Disconnect the left Combination Switch from the main harness and jump the green / red wire to the green. This bypasses the Kill Switch, now intermittently jump the red /white wire to the black wire, this is the Start Switch circuit.

Did this correct the problem?

Yes - Replace the Combination Switch

No - Reconnect the Combination Switch, Go to E

E) Test the Starter Relay by first jumping the two post with a screw driver or heavy wire

Did the starter turn over?

Yes - Go to F

No - Go to G

F) Disconnect the Starter Relay and on the relay wires run a 12V supply to the yellow / red wire and intermittently ground the green / pink wire.

Did the starter turn over?

Yes – Check items A-D again. If all components check out there is a wiring problem and the harness may need to be replaced. Contact DIAMO USA

No - Replace Starter Relay

G) Test the Starter Motor by running a 12V supply directly to the Starter Motor.

Did the starter turn over?

Yes – Check the wiring connections at the Starter Relay post, Battery and Starter Motor.

Did this correct the problem?

Yes – Finished

No - Go to F

No - Remove Starter Motor and test outside of engine.

Did starter turn over?

Yes – There is an internal engine problem

No - Replace Starter Motor

Blaze Starting Trouble Shooting Guide

II.

Engine turns over but will not fire.

A) Disconnect the Tether Kill Switch.

Did this correct the problem?

Yes – Replace the Tether Kill Switch

No - Reconnect the Tether Kill Switch, Go to B

B) If the Tether Kill Switch is not the problem the dealer needs to diagnose the ignition system. Items to check are:

Spark Plug

CDI

Coil

Stator