

TROUBLESHOOTING GUIDE (4-STROKE)

Problem: New scooter will not start.

Tried electric starter and nothing happens.

Are you holding in a brake lever? If yes, try the other brake lever.

Tried electric starter and it just clicks.

Has battery been charged?

No. Solution: charge battery.

Yes. Starter relay is probably defective.

Starter is working but scooter will not start.

Is there fuel visible in the fuel filter? (Round clear plastic filter is visible under the seat in the middle of the fuel line. Check with a flashlight to verify that fuel is flowing.)

Yes. 1. If you have been trying to start it for a while and have opened the throttle, the engine could be flooded. Allow scooter to sit for an hour and then retry. Alternative, remove spark plug and run starter 3-4 times to remove excess fuel. Reinstall plug and start.

Yes. 2. If you have not been opening the throttle, check for spark. Remove spark plug, reinsert plug in the cap and place the plug against the cylinder head. Try starter and look for spark. If no spark, coil may need to be replaced.

No. Check the fuel vacuum line to ensure it is attached. If it is attached check the full length of the line for any kinks. TIP: draw on the vacuum line with a few deep breaths and this should get fuel flowing into the filter. If this does not work, check the fuel line for kinks.

If there is spark and the fuel is flowing into the filter, pull fuel line off of carburetor and make sure that fuel is getting through the filter and into the carburetor. If it is and the engine will not start, the automatic choke could be inoperative.

Check wiring from choke mechanism to the connector on the right side of the frame. Note: the choke shares a common ground with the taillight; check to see if the taillight is working. If the wires are connected and the taillight is working, the choke mechanism may need to be replaced.

Scooter runs but is very slow.

Check tire pressure. 32 PSI cold is recommended.

Check both wheels to see if they rotate freely. Brake adjustment could be too tight (drum type brakes) or too much brake fluid in reservoir on disc brake models.

Engine idles but then dies.

This is normal on initial startup. If problem persists the idle speed may need to be increased. The idle speed adjustment screw is on the right side of the carburetor. It has a Phillips head and a spring is visible around the threads of the screw. Turn ½ turn clockwise to increase idle speed. Scooters will idle more smoothly once they have a few miles on them. Idle may need to be reset after first 50-100 miles.

Turn signals do not work correctly. Occasionally one turn signal may not work or they both may come on at the same time.

Solution: There is a loose or mis-connected wire under the front cowl. Remove the cowl and check the connections from the turn signals to the wiring harness. Most likely, a connector is loose. Check them for tension and tighten if necessary.

Headlight does not come on.

Headlight will not operate unless the engine is running.

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