

Trouble Shooting Chart

There will be times when something won't go right when you want to ride. This chart details some of the most common problems, some possible causes, and what to do about it.

Problem	Possible Causes	Solution
Starter rope will not engage or will not retract properly.	Broken recoil starter. Too much friction in recoil.	Use emergency start rope and have starter repaired. Tap recoil starter housing gently with a tool while keeping light tension on rope.
Engine will not start.	Emergency stop switch off. Ignition switch off. Battery dead (Electric start). Out of gas. Engine starving for gas. Too much gas (flooded). Fouled or worn spark plugs. No ignition spark. Little or no compression.	Turn on. Turn on. Start manually. See dealer. Refuel. Use full choke or primer. Check fuel lines, filter, and carburetor for freeze up and thaw with hair dryer; use isopropyl alcohol in gas. Hold throttle full open, crank repeatedly while holding brake on tight. (2 people required!) Install new gapped plugs. Check plug wire connections. If wires are OK, see dealer. See dealer.
Engine runs rough or will not idle properly when warm.	Carburetor dirty or out of adjustment. Fouled or worn spark plugs. Too much oil in engine. Muffler/exhaust blocked.	Clean, adjust, or see dealer. Install new gapped plugs. Check adjustment. See dealer. Stop engine, clean out.
Low engine RPM.	Air intake plugged	Clean out ice/other material.
Snowmobile fails to move when throttle is depressed.	Drive belt broken or missing. Track/skis blocked or frozen to the ground. Clutch jammed or broken. Drive chain broken.	Replace with new belt. Unblock/pull loose/thaw out with hair dryer. Check drive belt for flat spotting. See dealer. See dealer.
Unusually low speed.	Drive belt excessively worn. Not all cylinders working Clutches out of alignment. Chain/track tension wrong.	Replace. See engine fails to start. See dealer. Adjust or see dealer.
Lights don't work.	Corroded/loose connections. Bulb burned out. Lighting coil failure.	Clean if necessary, tighten. Replace immediately. See dealer.
Snowmobile rides rough.	Suspension not operating properly. Broken springs/worn shocks.	Lubricate thoroughly. Soften suspension settings. Replace/rebuild. See dealer.
Snowmobile steers poorly.	Worn out wear bars. Not enough ski pressure.	Replace. Increase ski pressure.
Snowmobile darts from side to side on trail.	Skis toed in. Too much ski pressure.	Align skis to parallel or slight toe-out. Reduce ski pressure.