

Problem	Cause	Remedy
Engine fails to start	1. Choke not in CHOKE position. 2. Spark plug wire disconnected. 3. Fuel tank empty or stale fuel. 4. Engine not primed. 5. Faulty spark plug. 6. Safety key not in switch. 7. Extension cord not connected (when using electric start button, on models equipped)	1. Move choke to CHOKE position. 2. Connect wire to spark plug. 3. Fill tank with clean, fresh fuel. 4. Prime engine as instructed in Engine Manual. 5. Clean, adjust gap or replace. 6. Insert safety key fully into switch. 7. Connect one end of extension cord to electric starter outlet and other end to a three-prong 120V, grounded, AC outlet.
Engine running erratically/ inconsistent RPM (hunting or surging)	1. Engine running on CHOKE. 2. Stale fuel. 3. Water or dirt in fuel system. 4. Carburetor out of adjustment. 5. Engine over-governed.	1. Move choke lever to RUN position. 2. Fill tank with clean, fresh fuel. 3. Drain fuel tank. Refill with fresh fuel. 4. Contact an authorized Service Center. 5. Contact an authorized Service Center.
Engine overheats	1. Engine oil level low.	1. Fill engine with proper amount of engine oil.
Excessive vibration	1. Loose parts or damaged auger.	1. Stop engine immediately and disconnect spark plug wire. Tighten all bolts and nuts. If vibration continues, have unit serviced by an authorized Service Center.
Unit fails to propel itself	1. Drive control cable in need of adjustment. 2. Drive belt loose or damaged. 3. Friction wheel worn.	1. Adjust drive control cable. Refer to Service section on page 21. 2. Replace drive belt. Refer to Service section on page 23. 3. Replace friction wheel. Refer to Service section on page 23.
Unit fails to discharge snow	1. Chute assembly clogged. 2. Foreign object lodged in auger. 3. Auger control cable in need of adjustment. 4. Auger belt loose or damaged. 5. Shear pin(s) sheared.	1. Stop engine immediately and disconnect spark plug wire. Clean chute assembly and inside of auger housing with clean-out tool. Refer to Controls & Operation section on page 14. 2. Stop engine immediately and disconnect spark plug wire. Remove object from auger with clean-out tool. 3. Refer to Auger Control Test on page 11. 4. Refer to Service section on page 18. 5. Replace with new shear pin(s). Refer to Controls & Operation section on page 14.
Chute fails to easily rotate 180-200 degrees	1. Chute assembled incorrectly.	1. Unassemble chute control and reassemble as directed in the Assembly & Set-up section.
Unit plows snow instead of blowing it	1. Low/slow ground speed in wet/slushy snow 1-3" in depth. 2. Shear pin(s) sheared.	1. Increase ground speed and always operate snow thrower engine at FULL throttle. 2. Replace with new shear pin(s). Refer to Controls & Operation section on page 14.
Overhead chute crank does not stay stationary while throwing snow using an overhead chute control	1. Insufficient preload applied to chute control.	1. Refer to the Service section on page 22 to adjust chute preload.