

**Problem**

**Trouble Shooting Chart**

**Causes**

1. Engine fails to start.

- A. Check fuel tank for gas.
- B. Spark plug lead wire disconnected.
- C. Throttle control lever not in the starting position.
- D. Check spark splug. \*
- E. Carburetor improperly adjusted. Engine flooded. Remove spark plug, dry the plug, crank engine with pluge removed, and throttle in off position. Replace spark plug and lead wire and resume starting procedures.
- F. Old/stale gas. Drain and refill with fresh gas.

2. Hard starting or loss of power.

- A. Spark plug wire loose.
- B. Carburetor improperly adjusted.\*
- C. Dirty air cleaner.

3. Operation erratic.

- A. Dirt in gas tank. Drain, clean and refill.
- B. Dirty air cleaner.\*
- C. Water in fuel supply. Drain and refill.
- D. Vent in gas cap and/or carburetor plugged. Clear vent.
- E. Carburetor improperly adjusted.\*

4. Occasional skip (hesitates) at high speeds.

- A. Spark plug fouled, faulty or gap too wide.\*
- B. Carburetor improperly adjusted.\*
- C. Dirty air cleaner.\*

5. Idles poorly.

- A. Carburetor idle speed too low.\*
- B. Spark plug gap too close.\*
- C. Carburetor idle mixture adjustment improperly set.\*

6. Engine overheats.

- A. Adjust carburetor.\*
- B. Remove any obstructions form air passages in shrouds.
- C. Clean cooling fins.
- D. Fill crankcase to proper oil level.

**Notice to customers in the State of California.**

**The engine on this unit is not equipped with a spark arresting muffler.**

**WARNING!!!**

**USE OR OPERATION OF THIS ENGINE ON ANY FOREST COVERED, BRUSH COVERED, OR GRASS COVERED LAND WITHOUT A STATE APPROVED SPARK ARRESTOR IN EFFECTIVE WORKING ORDER CONSTITUTES A VIOLATION OF THE LAW OF THE STATE OF CALIFORNIA.**

**Note: For repairs beyond the monor adjustments listed above, please contact your local Lawn Mower Service Shop.**

For Engine Service see an Authorized Service Center.

Questions and Suggestions? Please contact the *webmaster*  
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