

Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

## TO PREVENT SERIOUS INJURY:

Operate only with proper spark arrestor installed.

Operation of this equipment may create sparks that can start fires around dry vegetation.

A spark arrestor may be required. The operator should contact local fire agencies for laws or regulations relating to fire prevention requirements.

## **High Altitude Operation Above 3000 feet**

## **WARNING! TO PREVENT SERIOUS INJURY FROM FIRE:**

Follow instructions in a well-ventilated area away from ignition sources.

If the engine is hot from use, shut the engine off and wait for it to cool before proceeding. Do not smoke.

**NOTICE:** Warranty void if necessary adjustments are not made for high altitude use.

At high altitudes, the engine's carburetor, governor, and any other parts that control the fuel-air ratio will need to be adjusted by a qualified mechanic to allow efficient high-altitude use and to prevent damage to the engine and any other devices used with this product. The fuel system on this engine may be influenced by operation at higher altitudes. Proper operation can be ensured by installing an altitude kit at altitudes higher than 3000 ft. above sea level. At elevations above 8000 ft, the engine may experience decreased performance, even with the proper main jet. Operating this engine without the proper altitude kit installed may increase the engine's emissions and decrease fuel economy and performance. The kit should be installed by a qualified mechanic.









## **High Altitude Operation Above 3000 feet (Continued)**

- 1. Turn off the engine.
- 2. Close the fuel valve.
- 3. Place a bowl under the fuel cup to catch any spilled fuel. CAUTION! Carburetor bowl may have gas in it which will leak upon removing the bolt.
- 4. Unthread the bolt holding the fuel cup.
- 5. Remove the bolt, Bolt Seal, fuel cup, Fuel Cup Seal and Main Jet from the body of the carburetor assembly. A carburetor screwdriver (not included) is needed to remove and install the Main Jet.
  - Note: The mixing tube is held in place by the Main Jet and might fall out when it is removed. If it falls out, replace it in the same orientation before replacing the Main Jet.
- 6. Replace the Main Jet with the replacement Main Jet needed for your altitude range (part 1a or 2a).
- 7. Replace the Fuel Cup Seal (4a), fuel cup, Bolt Seal (3a), and bolt. Tighten in place. CAUTION: Do not cross thread bolt when tightening. Finger tighten first and then use a wrench to make sure the bolt is properly threaded.
- 8. Wipe up any spilled fuel and allow excess to evaporate before starting engine. To prevent FIRE, do not start the engine while the smell of fuel hangs in the air.





