

Maintenance



When performing any maintenance on this unit, spark plug wire must be disconnected and placed away from spark plug to prevent accidental starting!

Servicing the blade:

- Turn off engine and remove spark plug wire.
After removing make sure the plug wire is not laying near the spark plug!
- Remove the nuts from the intake (or discharge) chute and rotate the chute out of the way.

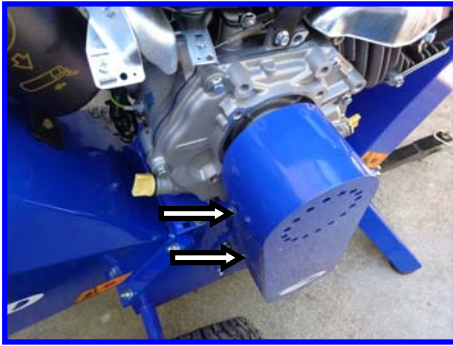


- Rotate the drum until the blade is visible like the above photo. You can rotate the drum by pulling the starter cord but can be rotated by hand (wearing gloves) more precisely. Remove the three bolts holding the blade and remove. Rotate the blade, using the other cutting surface or replace the blade. Torque bolts to 37 ft/lbs. Use blue Loctite on clean threads.

Maintenance

Belt replacement and Adjustment:

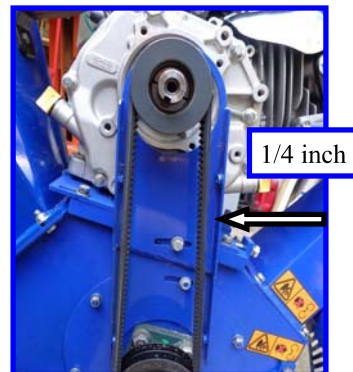
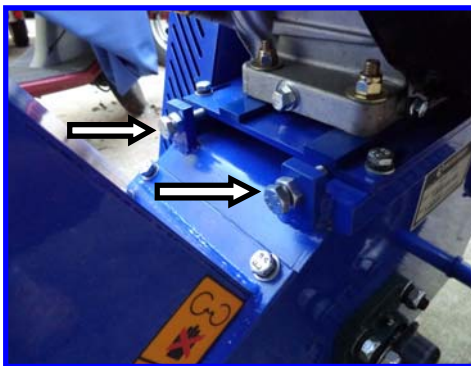
- Remove the 4 bolts from the shroud (two on each side)



- Loosen (4) engine plate hold down bolts (not the engine bolts).



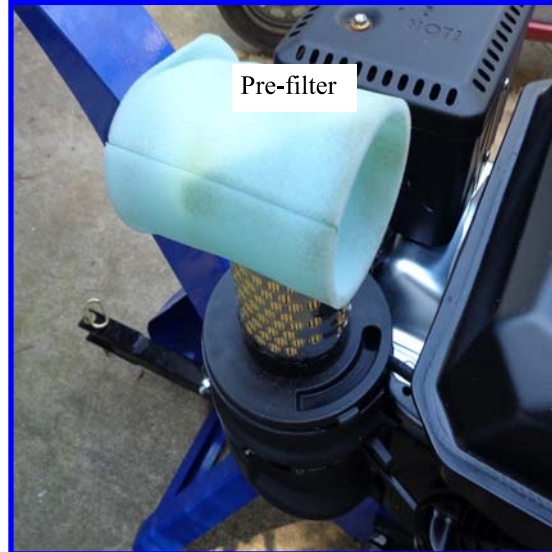
- Loosen tensioning bolts and move engine plate to remove belt.
- Tighten to tension belt to about 1/4 inch deflection.



*It may be easier to remove engine plate bolts and tip engine to replce belt.

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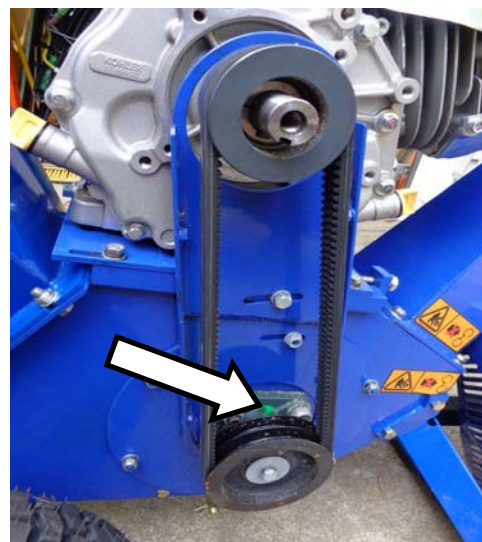
- Clean air pre-filter after 15-25 hrs of use or at least once a season. The pre-filter is easy to clean and the inside filter should last 100 hours. Check more often if you are in dusty conditions.



- Honda engines have a different filter, consult your engine manual for directions on cleaning.

Bearing Lubrication:

- The bearings should be lubricated every 25 hours of operation. Use a high temperature synthetic grease such as Mobilith SHC 220.



Storage

- Some pieces of power equipment are not used frequently. This can cause problems due to the fact fuel has a limited shelf life.
- It is very hard to remove all fuel from a carburetor so it is recommended to add fuel stabilizer to the fuel and fill up the fuel tank.
- Run the unit for two minutes to get stabilized fuel get into all parts of the carburetor and then shut off the engine. By having the fuel tank full it reduces air space which helps with prolonging the life of the fuel.
- Even when using stabilized fuel if the unit is not run for over 6 months the stabilized fuel should be discarded (please dispose of correctly according to local codes) and refilled with fresh fuel.
- Using old fuel can leave deposits in the engine and cause starting issues.
- Make sure unit is clean before storage. The unit can be washed out with the engine running but make sure it dries completely before storing.
- Change oil as prescribed in the engine manual that comes with the unit.