

# Service Section

## 5.1 Belt Adjustment / Removal

### ⚠ CAUTION

Make sure the engine is OFF and the lead spark plug wires have been removed before attempting any service procedures.

### ⚠ WARNING

Thoroughly read and understand the safety and pre-operating sections of this manual before proceeding.

### ⚠ CAUTION

The engine may be HOT, use caution when working around the engine and muffler area.

### ⚠ WARNING

Before removing any safety guards make sure the engine has been disabled by removing the lead spark plug wires.

Belt adjustment / Removal is made easy by the using the engine adjustment brackets and bolts. Be careful when working around the engine and muffler area, as it may be hot. On a new unit, the belt should be adjusted after the first 30 hours of use and every 100 hours thereafter.

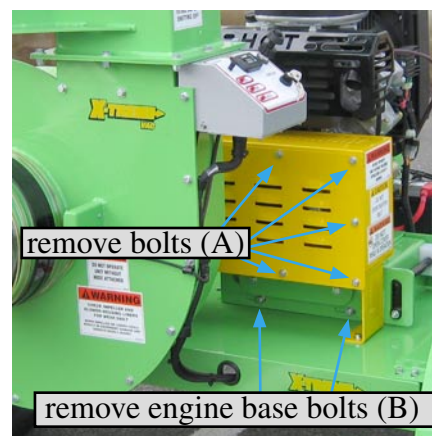
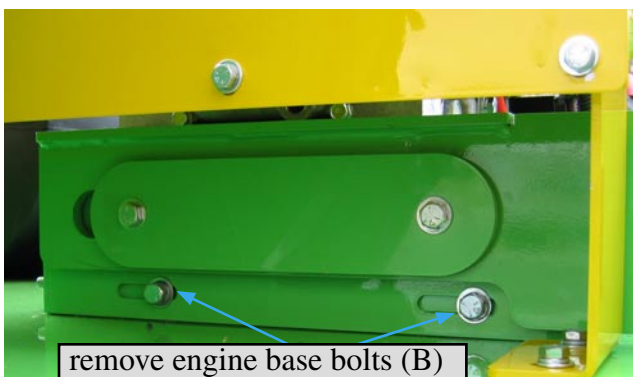
figure 5.1A

### Belt Adjustment / Removal Procedure :

1. Disengage the impeller by pulling the handle to a horizontal position. (see figure 5.1A)
2. Remove the belt guard cover by removing the bolts around the cover plate (Item A on FIG. 5.1B).
3. Loosen the engine base bolts (Item B on FIG 5.1B), there are 2 in the front and 2 in the rear.



figure 5.1B



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# Service Section

## 5.1 Belt Drive Adjustment, continued:

figure 5.1C

### Belt Adjustment / Installation Procedure :

1. Then drive the adjuster bolts (Item C on FIG. 5.1C and FIG. 5.1D) counter-clockwise to move the engine toward the impeller shaft. This will loosen the belt.
2. If you are removing the belts, the belt keepers must be removed also. There are 4 belt keepers, 2 on each pulley.

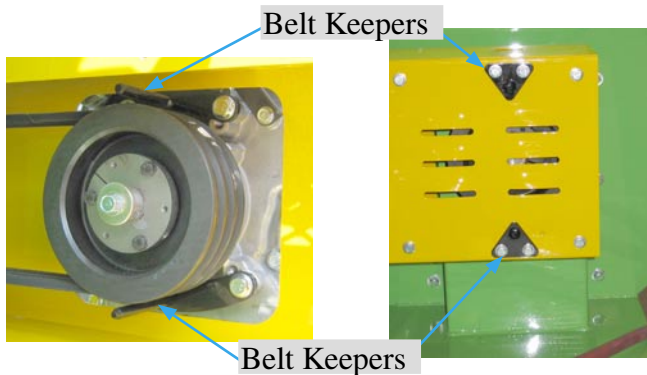


figure 5.1D

3. To tighten or install the belt, make sure the two pulleys are lined up. Use a straight edge to make sure (FIG 5.1E). If the pulleys are not lined up loosen one of the pulleys and move the pulley in or out until the two pulleys line up.
4. Tighten the belt by turning the adjuster bolt clockwise until the belt is tight. The correct tension is when the belt deflects 1/2" using an 8 pound pull. DO NOT OVERTIGHTEN.
5. Re-install the belt guard cover exactly as you removed it.

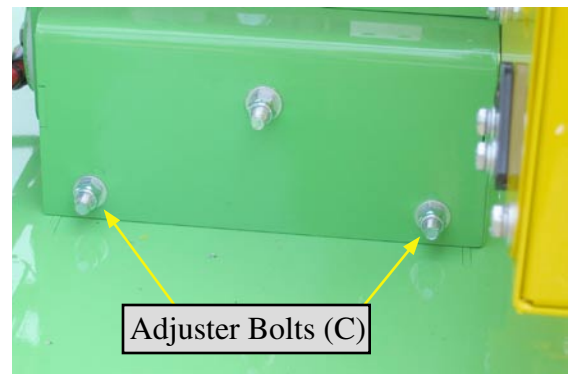


figure 5.1E

