

GEAR BOX INSTALLATION INSTRUCTIONS

(Refer to illustration on page 3)

- Attach mount adapter (item 12) to side of gear box (item 8) as shown in illustration. Orient mount adapter so notch is at the bottom. Secure with four .312-18 x .75 hex socket flange head screws (item 5).
 - Install gear box with mount adapter into mower deck between the two mounting plates. Secure mount adapter to the left mounting plate with two .375-16 x 1 whiz bolts and .375 whiz nuts (items 2 & 3) at the top.
 - Locate the gear box shield (item 11) and attach to the outside of the right mounting plate with two .375-16 x 1 whiz bolts and nuts. Attach the left side of shield to the outside of left mounting plate with two .375-16 x 1 whiz bolts and nuts. Install bolts through mounting plate and mount adapter (item 12).
 - Slide sheave on vertical shaft of gear box against the original gear box mounting plates. Mark plates where sheave contacts them. Remove sheave and grind notches in plates approximately .25" deep to allow for proper clearance of sheave's edge. (see Fig. 2)
- Install #6 woodruff key (item 6) and sheave (item 10) on vertical shaft of gear box and secure with cupped washer and .375-24 x 1 bolt (items 4 & 1).
 - Install #9 woodruff key (item 7) and universal half shaft (item 9) on horizontal shaft of gear box and tighten set screws.
 - Install new belt (item 13) following the illustration for proper belt routing.
 - Loosen the lock nut, back-off as needed and install chain link (item 14) between spring and J-Bolt.
 - To adjust spring, tighten draw nut until spring has expanded to approximately 5.75 inches.
 - Tighten lock nut.

