



Customer Service Bulletin Commercial Business Group

Groundsmaster® 3000 Series

<u>Model/Serial Range:</u>	<u>Model Number:</u>	<u>Serial Numbers:</u>
	30384	50001-79999
	30385	70001-79999

Subject: Idler Pulley Carriage Bolt disengages from adjusting slot

Due variations in belt length and manufacturing tolerances, a properly adjusted deck belt may position the pulley's carriage bolt in, or at the edge of the "keyhole" of the slot and allow the assembly to disengage from the slot during operation. An improved pulley fastening assembly with a special Hold Down Nut is available to prevent this condition on the units identified above. Idler Pulley Kit (93-4699) is available through your local Toro distributor for this purpose. Instructions for installation are included below.

1. Remove Lock Nut from Eye Bolt and retain for later use.
2. Remove and discard Lock Nut and Carriage Bolt in Idler Pulley (not illustrated).
3. Remove and discard Strap connecting Idler Pulley and Tension Spring.
4. Slide Hold Down Nut into cavity below "keyhole" slot positioning the chamfered edges of Nut upward against sides of Keyhole Bracket.
5. Complete the Idler Pulley assembly as shown below using the Pulley and Spacer from the original assembly and the improved parts (identified with part numbers). Hand tighten the assembly into the threaded hole of Hold Down Nut (keep loose to allow adjustment).
6. Attach Spring to Strap and Eyebolt and install Lock Nut.
7. Position Belt around Idler Pulley and tighten Lock Nut on Eye Bolt until outside length of Spring measures $4\frac{3}{8}$ inches (110mm.).
8. Tighten Idler Pulley Capscrew to 75 \pm 5 ft/lb (10-11 Kgm).

