



Customer Service Bulletin Commercial Business Group

Greensmaster® 3150 and 3250-D

Date: November 21, 2003

<u>Model/Serial Range:</u>	<u>Model Number:</u>	<u>Serial Numbers:</u>
	04357	220000101-230000800
	04380/04381	50101-99999
	04383	200000101-230000600

Subject: No Reel Drive Due to Loose Cutting Unit Spline Nut.

The standard cutting unit Spline Nut (93-1394) and groomer Spline Nut (77-0560) may not remain tight to the reel shaft due to pressure spikes in the hydraulic system. Standard Spline Nut (93-1394) is used in all cutting units equipped with tapered reel bearings, such as Model 04404, 04406, 04408, 04450, and 04468 cutting units. Groomer Spline Nut (77-0560) is used in place of the standard Spline Nut when Groomer Kit (04455) is installed. The repair procedures are the same for both.

To correct a loose Spline Nut situation, use the following procedure. If all steps are followed closely and the repair fails to prevent the problem from recurring, contact the Toro Commercial Products Distributor in your area for assistance.

Attaching Spline Nut (93-1394 or 77-0560) to the reel shaft:

1. Loosen the bearing preload adjustment nut at the opposite end of the reel to ensure it will not influence installation of the Spline Nut.
2. Remove the Spline Nut and thoroughly inspect it for damage such as tiny hairline fractures. Replace if necessary.
3. High strength Loctite® 271 threadlocker is used to secure the Spline Nut. Clean and prepare the reel shaft and Spline Nut threads according to the directions on the product container. Apply Loctite 271 as directed. Tighten to 60 ft-lb (80 Nm).

Note: Lower strength Loctite 242 was originally used on these units.

4. Assemble the cutting unit as usual (refer to Service Manual) but do not operate until the Loctite 271 has fully cured.

