

Edson Maintenance Tips (From Spring 2005 J/109 Newsletter)

The Edson steering system will serve you well for years to come with a little regular maintenance. The most important item involves the wheel nut that holds the wheel onto the steerer shaft. Blue (removable) Loctite should be applied to the threads at the end of the steerer shaft at the wheel nut location so that the wheel nut cannot back off. At the same time, Superlube or another non-petroleum based lubricant should be applied to the bolts that attach the wheel to the Flange Adapter. This will prevent galling and will make the bolts easier to remove in the future.

FORWARD STEERER BEARING - The forward needle bearing on the Edson Steerer must be lubricated with Superlube annually. Apply Blue Loctite to the allen head screws that hold the forward bearing in place. Periodically check to make sure they are tight.

STEERING CABLE TENSION - An annual inspection should be made of the steering cables, paying close attention to cable tension. Properly tensioned cables should have approximately 1" of play per foot of run. Loose cables can fall out of the grooves of sheaves and radial drive and cause steering system failure. Tension the cables evenly with the take-up eyes attached to the radial drive wheel.

STEERING CABLE SHEAVES - Proper sheave alignment is critical to the performance and safety of the steering system. Check to make sure that the steering sheaves below the steerer are properly aligned with the wire rope in both the vertical and horizontal directions. The cables should not touch or wear on the sides of the sheaves. If the wires do not lead down the middle of the sheaves, adjust the sheaves for proper cable alignment.

For more information and tips, please visit the Edson FAQ page

<http://www.edsonmarine.com/support/faq.php>