



Rough Mower Mods - Ian Findlater

Posted by EricKulaas on Thursday, 30 September 2004 (21:24:35) Central Daylight Time
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Over the past two years of looking after our 3000 hour second hand Jacobsen HR 5111 rough mower I have always been annoyed at the number of hours it has consumed with maintaining the Jockey wheels and spindle bushes. Whenever it is out on the course you could hear the deck adjusters flopping about in their "flogged out" state. This past winter I decided to sort it out once and for all.

I replaced the jockey wheel roller bearings and stem bushes with "X-Lube" plastic bushes. The plastic bush cost about \$2 each and dont require greasing. (a little on assembly stops squeeking).



I also welded up the deck height adjusters, restored the holes & slots and replaced the pins. I fitted a 1/2" bolt to the slotted height adjusters to eliminate all play. This bolt can be nipped up, to eliminate play but still allows for height adjustment.



On the Jockey wheels, I was not happy how the yolk holes flogged out, wore out the axles and lost consistent deck height. I devised a mod which is more rigid and maintains accurate height. I made up new 3/4" axles with a UNF thread on the end & welded a nut on one leg of the yolk.



On the other end of the axle I fitted a plate to the axle which picks up the original axle safety pin retaining bolt hole in the yolk and secured it with a bolt and stiff-nut. This mod has reduced the daily "before use" servicing time, significantly reduced bearing replacement costs and restored the original height setting as well as eliminating all slop and wear areas.

