

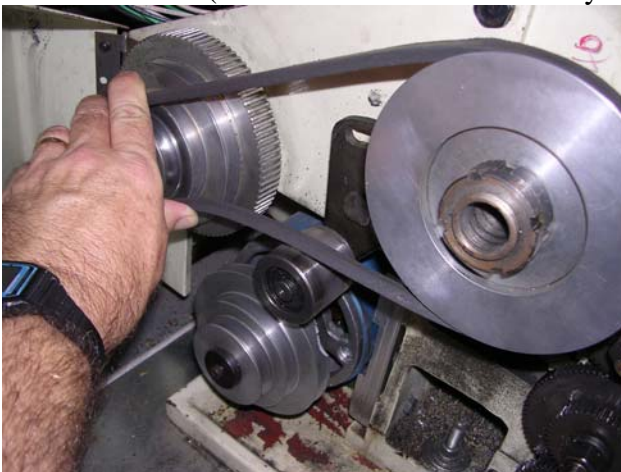
Changing the Ribbed Drive Belt on a Lathemaster 8 x 14 Lathe

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1. Disconnect power for safety. Don't want any pinched fingers or electrical shocks!
2. Open side cabinet and loosen the nut on the V-belt tensioner arm. A 14 mm wrench is used here.



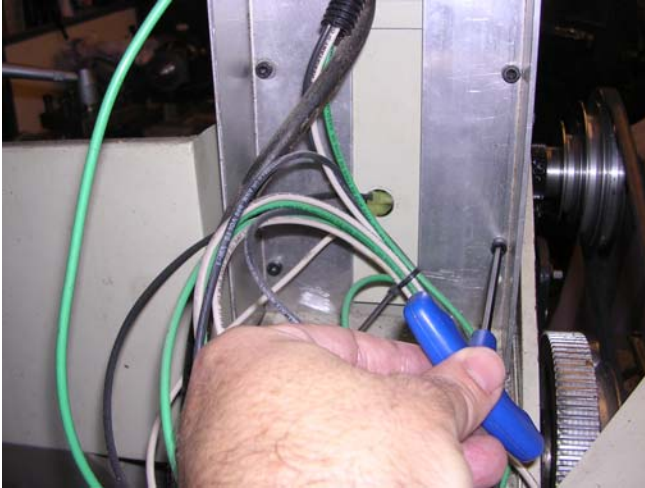
3. Remove V-belt (I rolled mine off while slowly turning the big pulley by hand).



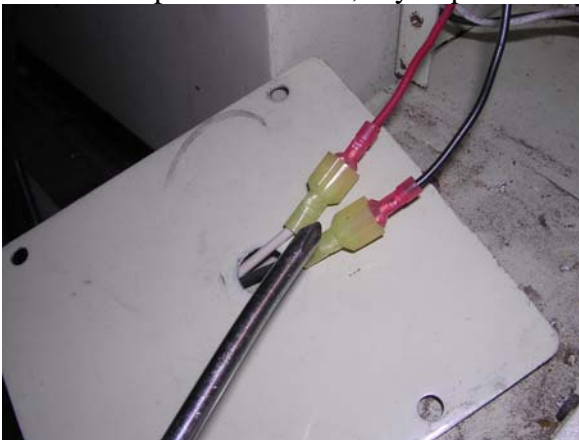
4. Remove shredded ribbed belt.



5. Unscrew 4 socket head cap screws and remove the back cover of the switch area.



6. Disconnect power to motor, if you put these in when you did the DC motor conversion.



- Unscrew 4 Phillips head screws and remove the motor shroud.



7. Use two 17mm wrenches to loosen the lock nuts on the adjustable shaft, lower the shaft to allow easy replacement of the ribbed belt.



8. Carefully replace the ribbed belt, making sure the teeth seat in the two ribbed pulleys.



9. Apply a little tension to the belt and tighten the two 17mm lock bolts.



10. Replace V-belt, tighten the 14mm tensioner bolt, replace all covers, etc.



11. Plug in and start lathe at lowest speed so you can check to make sure all is working well.

12. Enjoy!