

Skill level: beginner

Time: 15-30 minutes

Tools: #2 Phillip screwdriver & 1/8" Allen wrench

Goal: install new lower pulley and align w upper pulley

How:

1. Left side, remove back two screws.

2. Back, remove two screws behind the motor and three vertical screws center back.

3. Wedge left side open to expose the belt.

4. Roll belt off.

Note: Upper Pulley must have a 'V' profile not a 'O' (semi-circle) profile. If 'O' profile order an 'V' profile upper pulley.



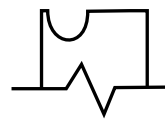
Remove the 7pc #2 Phillips head screws



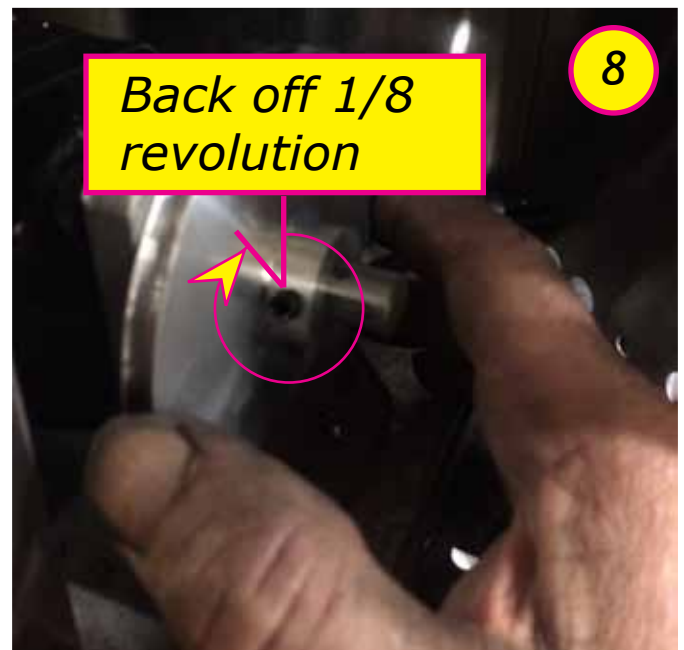
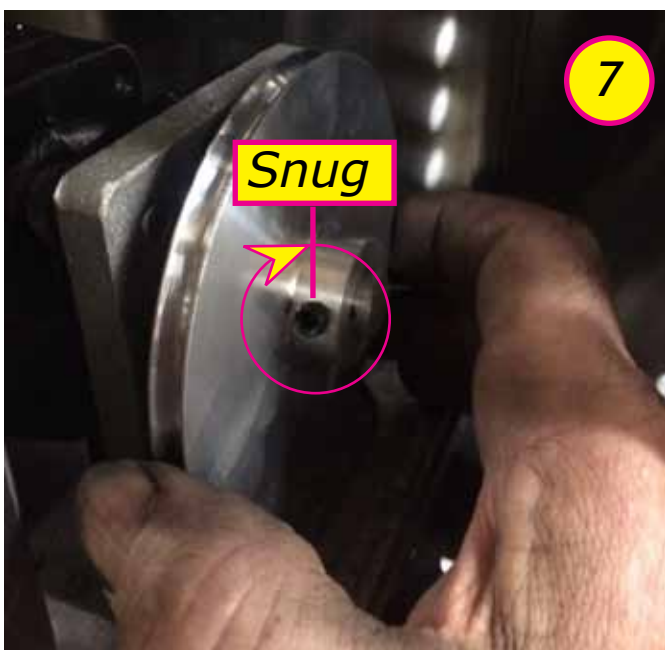
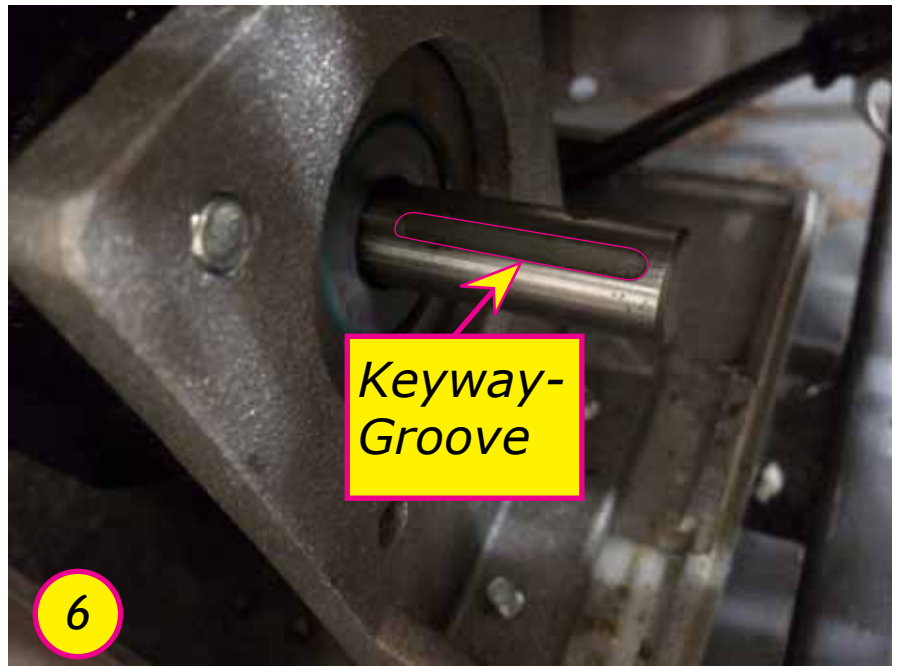
V-profile



~~O-profile~~



5. Remove lower pulley w Allen wrench (screw is on the back side)
6. Note the keyway groove in the pump shaft. The set screw MUST screw into this groove
7. Install new pulley HUB W SCREW OUT (opposite NW).
8. Lightly snug set screw into the groove in the pump shaft then loosen the screw 1/8 turn so the pulley can slide in and out but not rotate.



9. Install belt by rolling on from top pulley to bottom

*Note: from the side eyeball that the belt is vertical this is CRITICAL. A non vertical belt will wear or pop off*

10. By eye make belt vertical.

11. If you are not confident place the straight edge on the lower pulley and slide in and out until the straight edge is touching the belt at the upper pulley. then slide backwards 1/16".

12. Tighten screw.

Turn machine on and confirm there are no odd noises and everything works, turn off.

