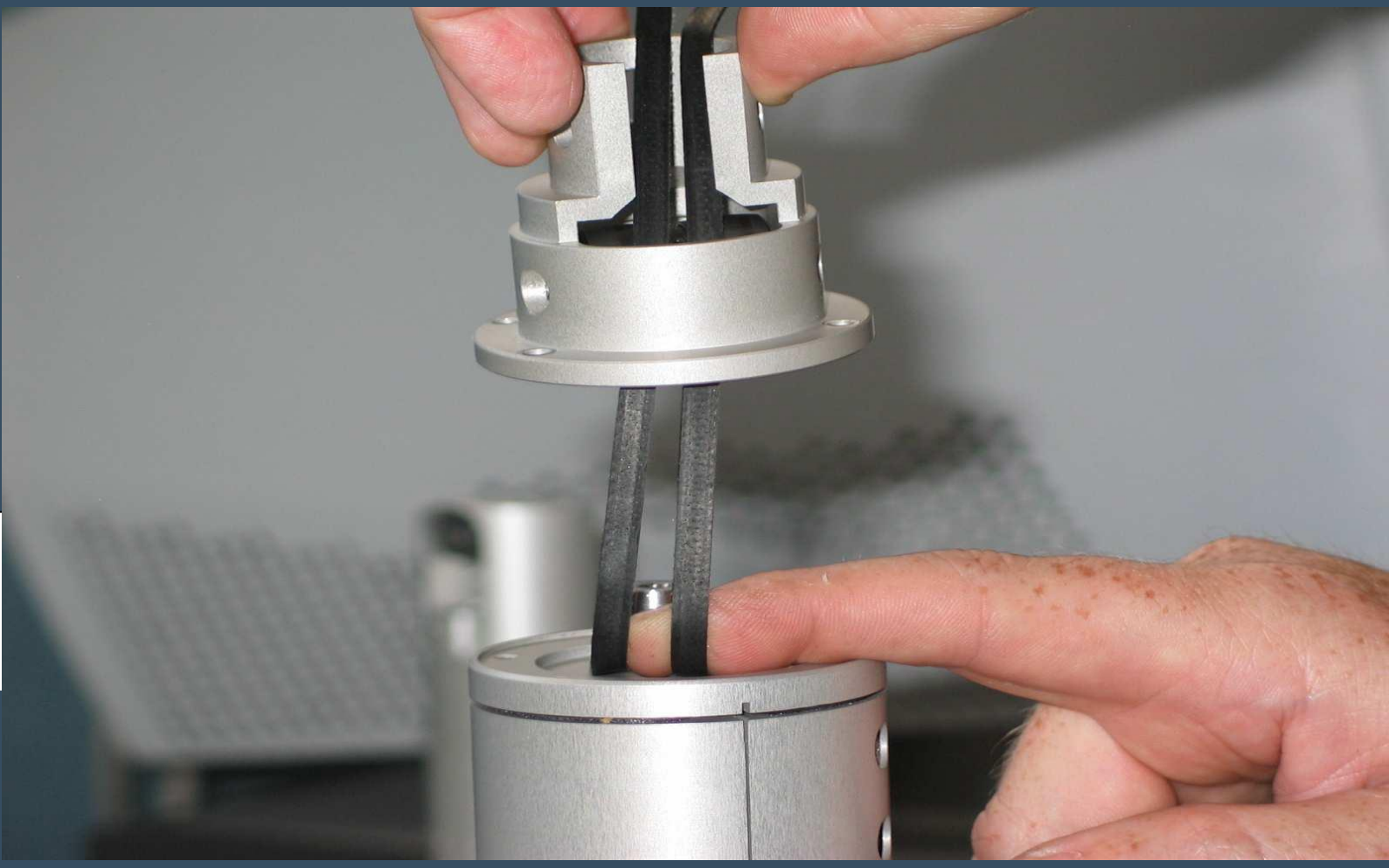
INSTRUCTION MANUAL

DRIVEN ROTARY TOOL - DRT
Flat Belt Replacement



2025

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The DRT tool has an L-belt drive system, which drives the movement from the motor to the blade shaft.

Below is a step-by-step guide to disassembling it.

1. Disassembling the DRT Tool

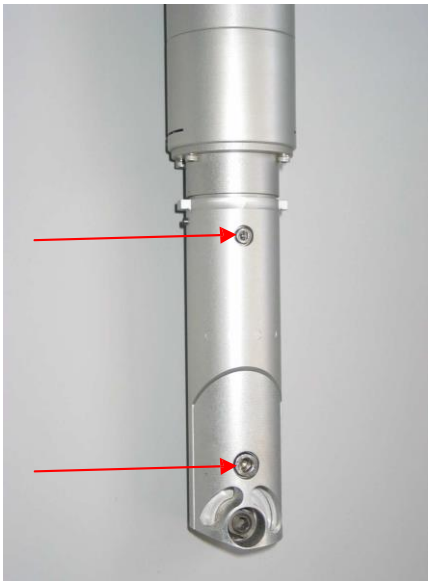

Imagen 1. DRT Screws

Image 1 shows see several screws. One M6 screw (below) removes the section that allows the blade to be changed. The other three M4 screws (above) are under the "lugs." All must be removed.

Imagen 2. DRT Back Screws

Imagen 3. DRT Stem disassembling

On the other side, remove the two screws from the cover protecting the rotary pulley (Image 2). Remove the remains of the broken falt belt. After this, disassemble the stem or belt guide (Image 3). Remove the four screws from the belt tensioner cover (Image 4) and disassemble it (Image 5).

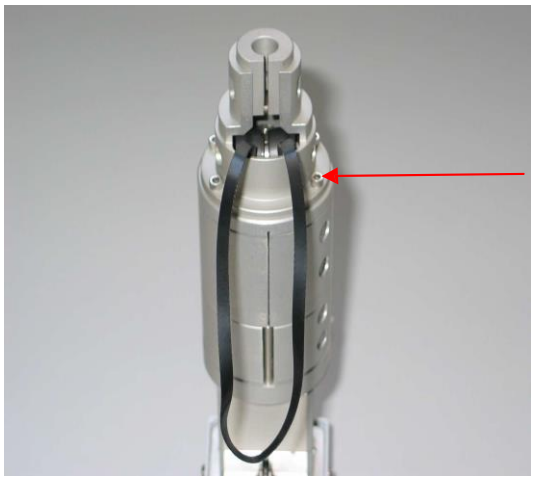

Imagen 4. DRT cover screws

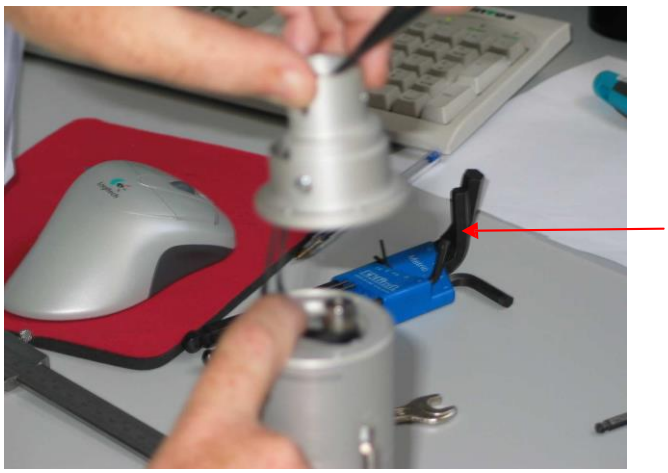

Imagen 5. Disassembling the DRT

2. DRT belt assembly

Position the belt according to Image 6, so that the fold is with the top sides facing each other. This is especially important, as the flat belt's wear is significantly affected if it is positioned the other way around.

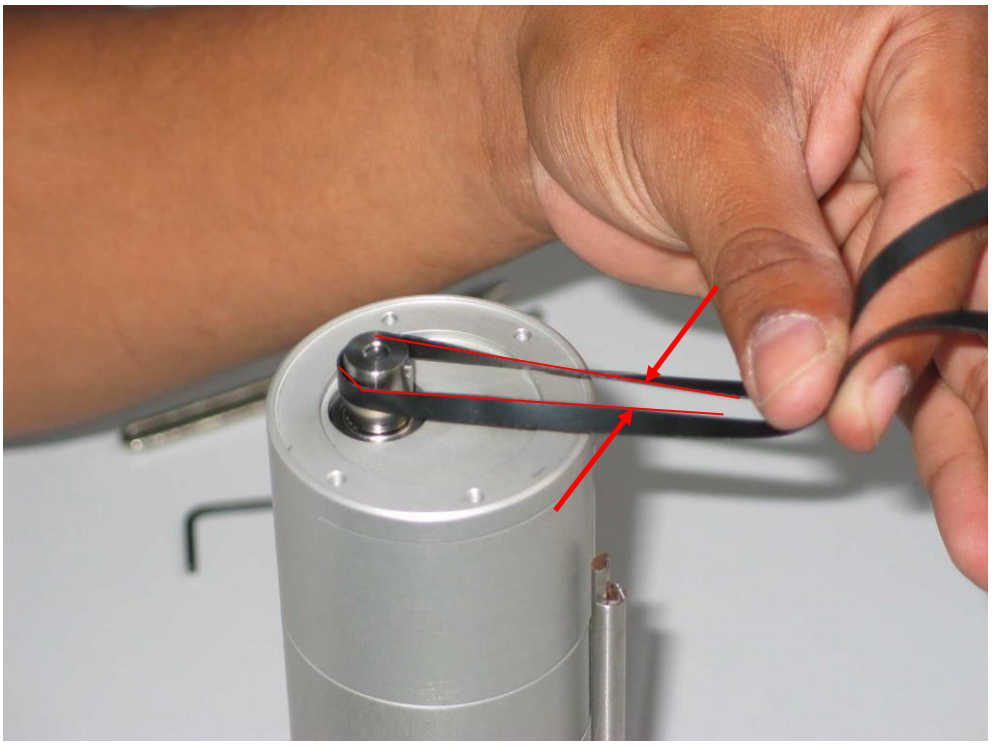

Imagen 6. Fitting the new flat belt

Shape the flat belt into an L (Image 7) to facilitate its passage through the previously removed tensioner, so that the flat belt passes between the rollers and the tensioner wall (Image 8).

Imagen 7. L-shaped placement

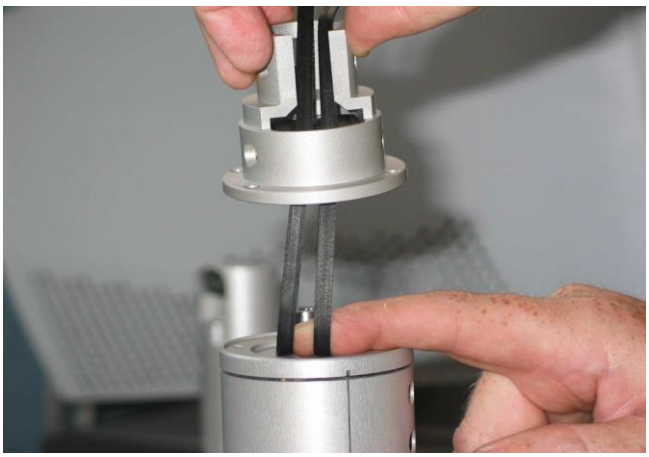

Imagen 8. Belt between rollers and tensioner wall

Place the four M3 screws securing the belt tensioner and tighten them (Image 9). Prepare the guide stem for placing by routing the belt through it. (Image 10).

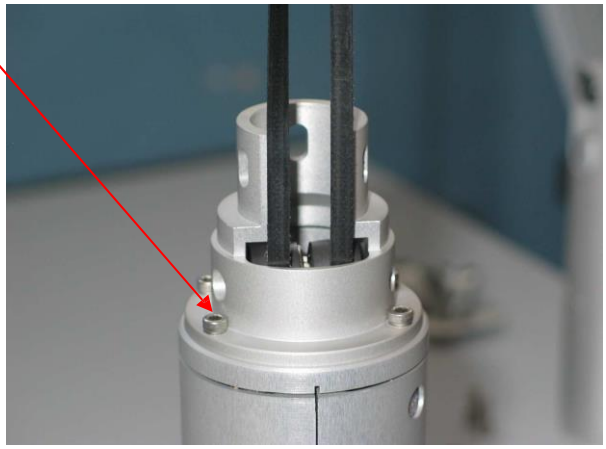

Imagen 9. M3 Screws.

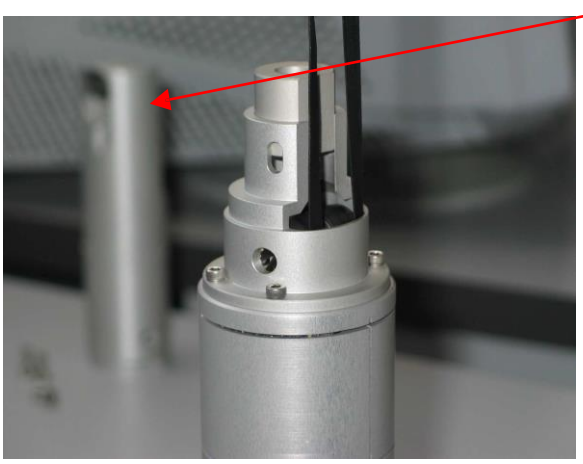

Imagen 10. Stem preparation.

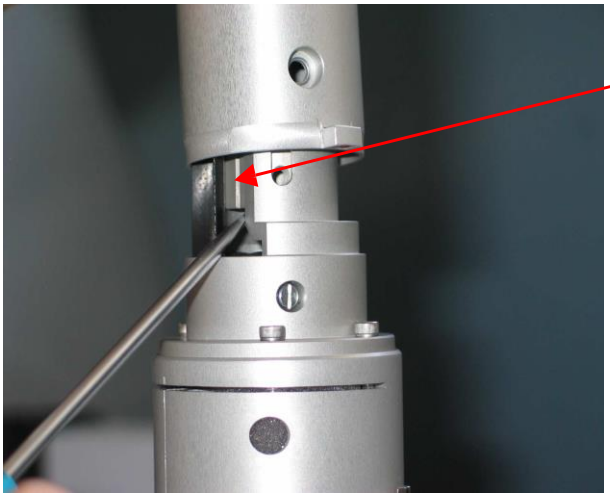

Imagen 11. Stem placing.

Caution. Before inserting the flat belt, make sure the chamfer on the tensioner is facing the rollers and that the scew threads are aligned so that when you insert the stem, the screws can be tightened and the flat belt is tensioned without problems (Image 11).

Place the flat belt once it has passed through the guide stem, on the rotary pulley (Image 12), so that before tightening the 3 tensioner screws (Image 13), it allows us to tension it by pushing the stem upwards (separating from the tensioner approximately one millimeter).

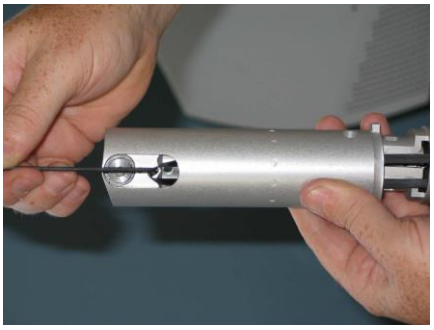

Imagen 12. Placing the flat belt

Imagen 13. Tensioner screws

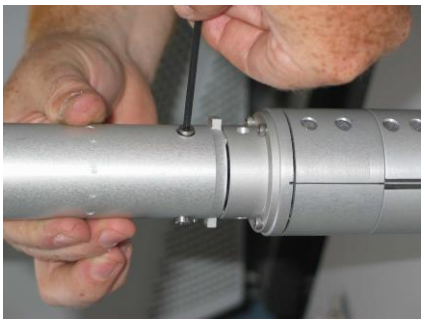

Imagen 14. How to tension the flat belt

3. DRT assembly

Replace the cover that protects the rotary pulley (Image 15 and Image 16) and the section that allows the pulley to be changed (Image 17 and Image 18).

Imagen 15. Placing the cover

Imagen 16. Placing the cover

Imagen 17. Flat belt section placement

Imagen 18. Flat belt section placement

Finally, we tested its operation, observing that there were no friction or strange noises.