

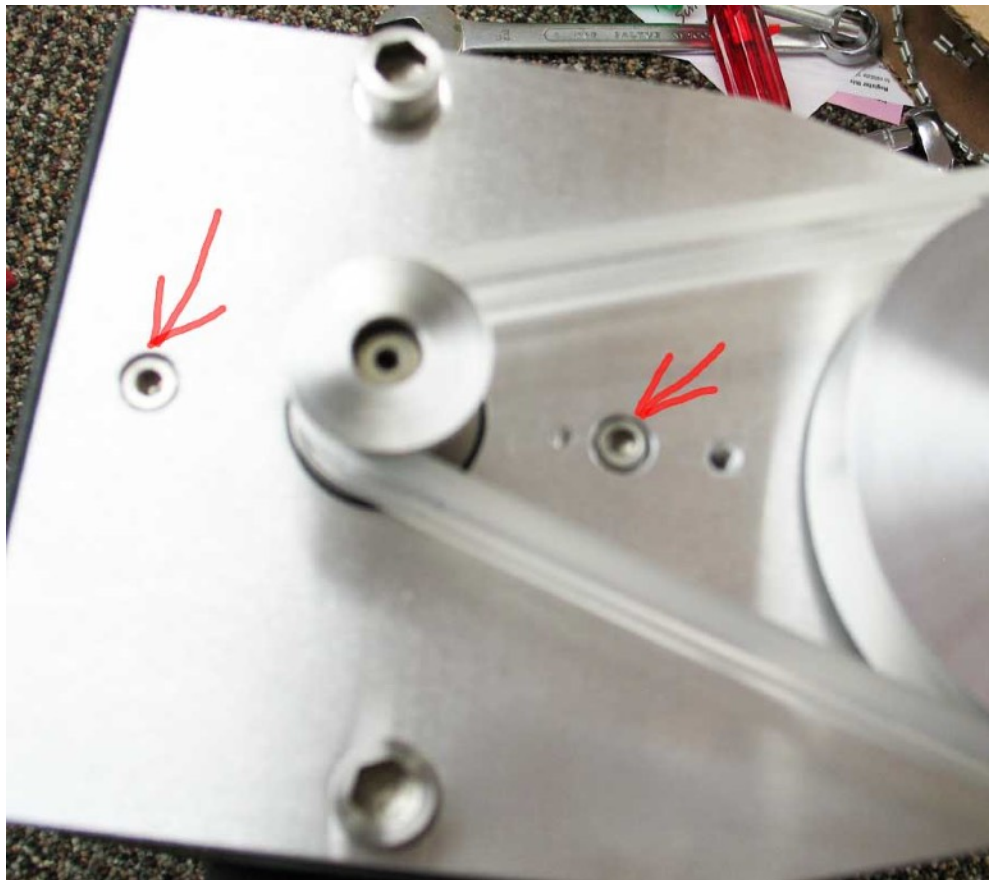
## M4 drive belt system installation

The kit comes with two belts and a taller small pulley. Also included are a couple tools (1/8" wide screwdriver, 1/8", 5/32", 7/64" hex wrenches) and a very small setscrew.

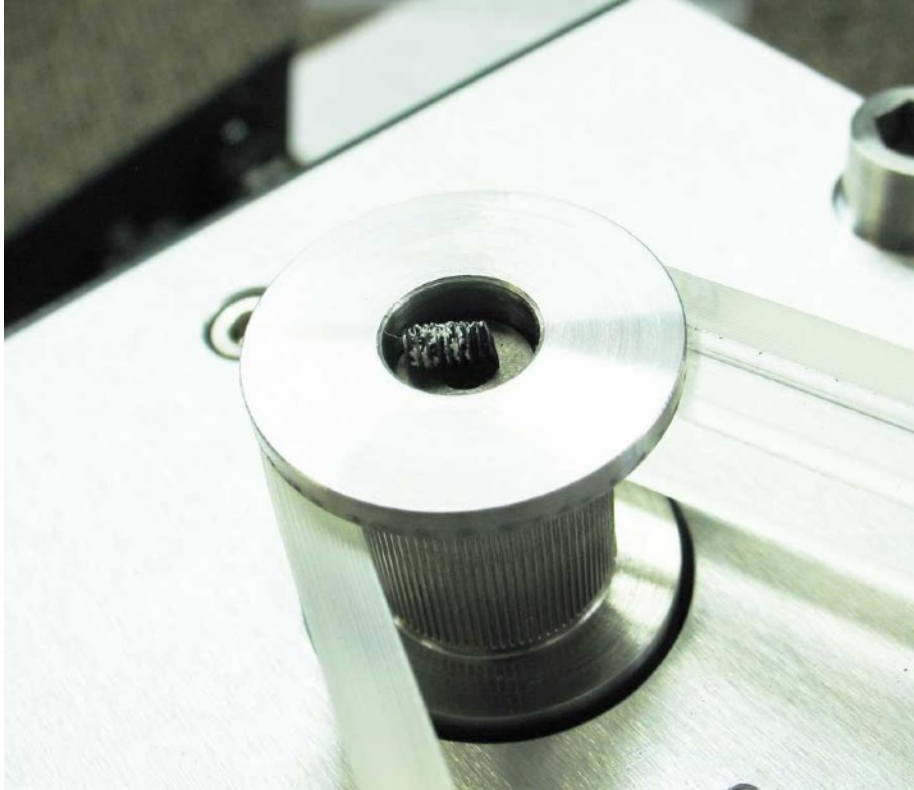
Unplug the grinder from the power. Remove the rear cover.

Remove the old belt. Remove the "pulley guard" which is the odd shaped aluminum part between the two pulleys.

Supporting the bottom of the motor with one hand, loosen and



remove both motor mounting screws - shown with the red arrows.



Carefully lower the motor out, noting the motor power cable rests in a cutout in the side of the grinder frame.

With the motor on the work surface use the included hex wrench to loosen the setscrew retaining the old

pulley. Slide the new taller pulley over the motor shaft making sure that the setscrew faces the flat on the shaft. It can be useful to run the setscrew in a little bit to keep this alignment. Now take the very small setscrew and lay it on the top of the motor shaft as shown in the picture. You will be using this setscrew to set the vertical position of the new pulley on the motor shaft. Hold something flat and rigid over the setscrew and raise the pulley. The idea is to get the top of the pulley even with the top of the tiny setscrew as it sits on the motor shaft. The thickness of this tiny setscrew is the same as the desired distance from the top of the new pulley to the top of the motor shaft.

Now tighten the setscrew firmly, to lock the pulley on the shaft.

Repeat the above steps in reverse:

Re-install the motor — position so the wire is to your right and once the motor is pushed up enough, rotate the wire into the cut-out. Screw motor in place.

Install the belts, one at a time. Be sure to rotate the 1st belt to the bottom on the pulley, to allow room for the 2nd belt. This will be harder to install than the first belt. You may need a helper to hold the grinder in place as you install it. A 3/8 hex wrench inserted in the bolt of the Big Pulley may help you to rotate the big pulley to “encourage” the belt to fit.

Replace the pulley guard, and close up the back cover.

You now have an M3/4!

Call with any questions 505-771-9177.