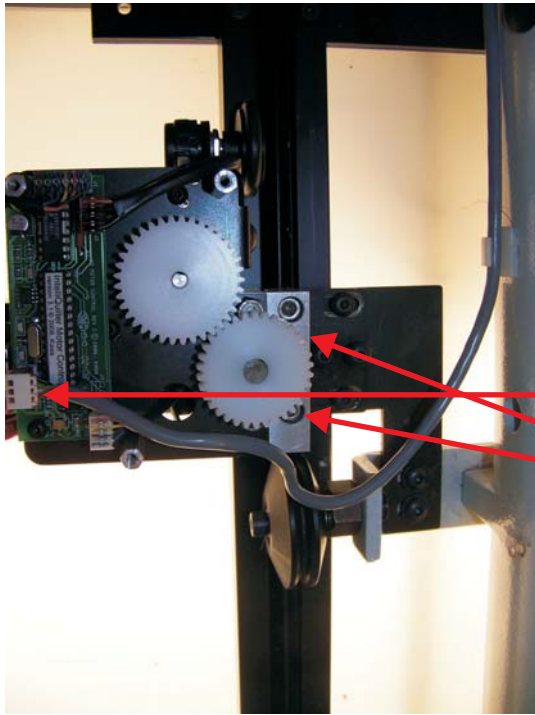


Replacing Your Drive Wheels



Step 1:

Spray Static Guard around area and make sure you are grounded before working on the motors.

Step 2:

Remove black covers and set aside.

Step 3:

Unplug gray wire paying attention as to how it's plugged in.

Step 4:

Use an allen wrench to remove screws on silver block.

Step 5:

Take old drive wheel off by the set screw with an allen wrench.

Find the flat spot on the axle to place the new wheel's set screw on.

Step 6:

Align the center of the drive wheel with the center of the sensor wheel and tighten set screw.

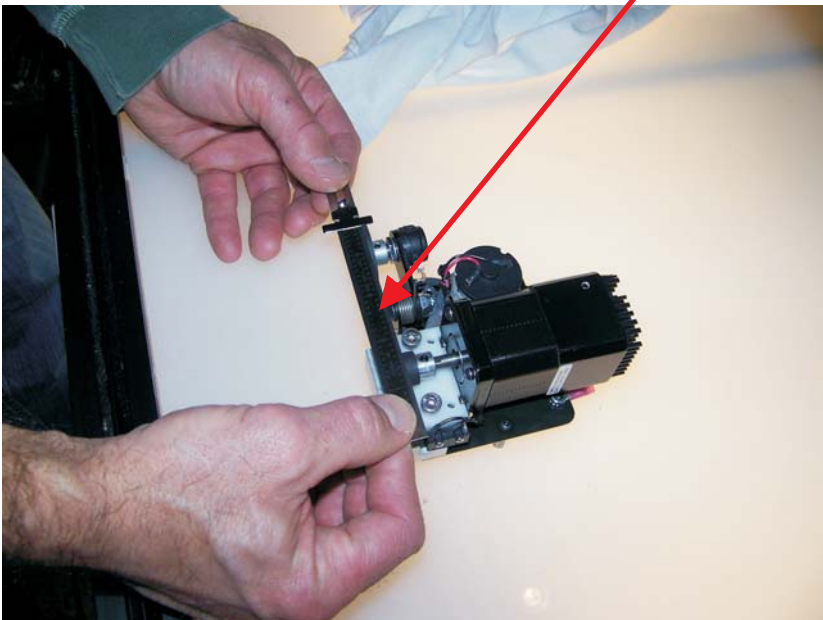
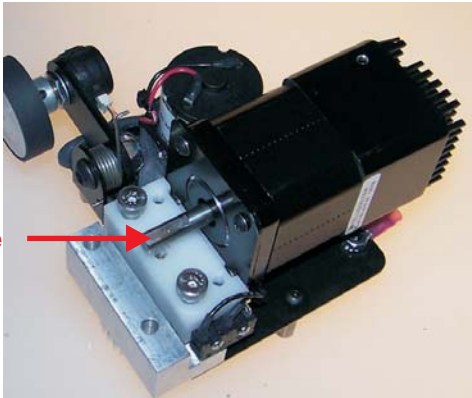
Step 7:

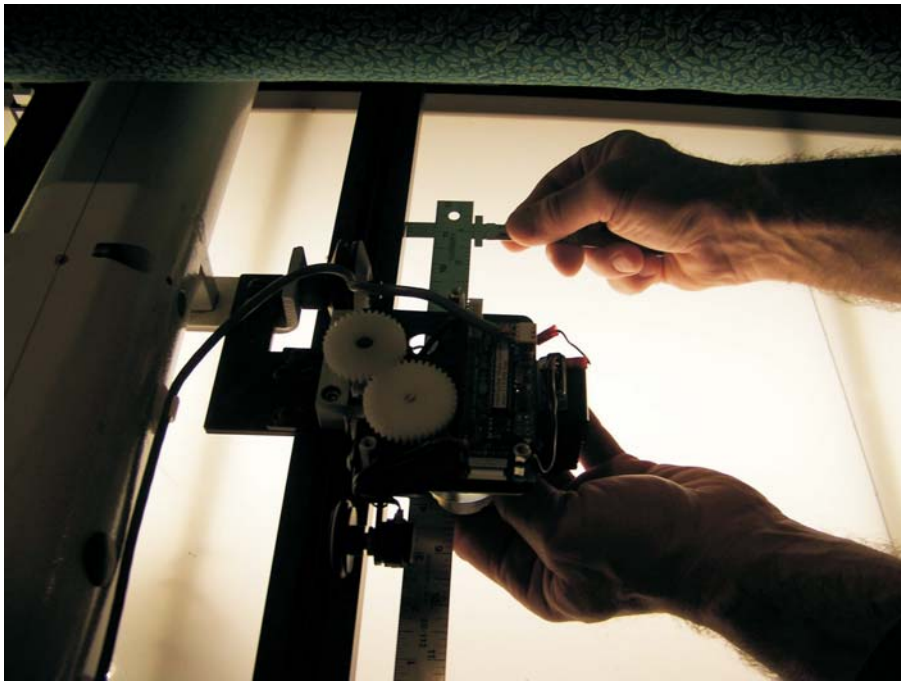
Re-attach motor at the silver block using the screws it came off with.

Step 8:

Plug gray cord back into the motor.

Flat spot on axle





Step 9:

Check realignment for each motor. Do this using a 12" long ruler, placing it against the lip on the bottom of the motor bracket. Then use a smaller ruler to measure the distance on each side of motor. Make sure this measurement is the same.

Step 10:

Now check that the drive wheel is sitting parallel with the track with a very fine gap in between. You might want to shine a light from the backside to see the gap. This gap should be very small, but clear the surface. It also is very important that the wheel is positioned flat.

Step 11:

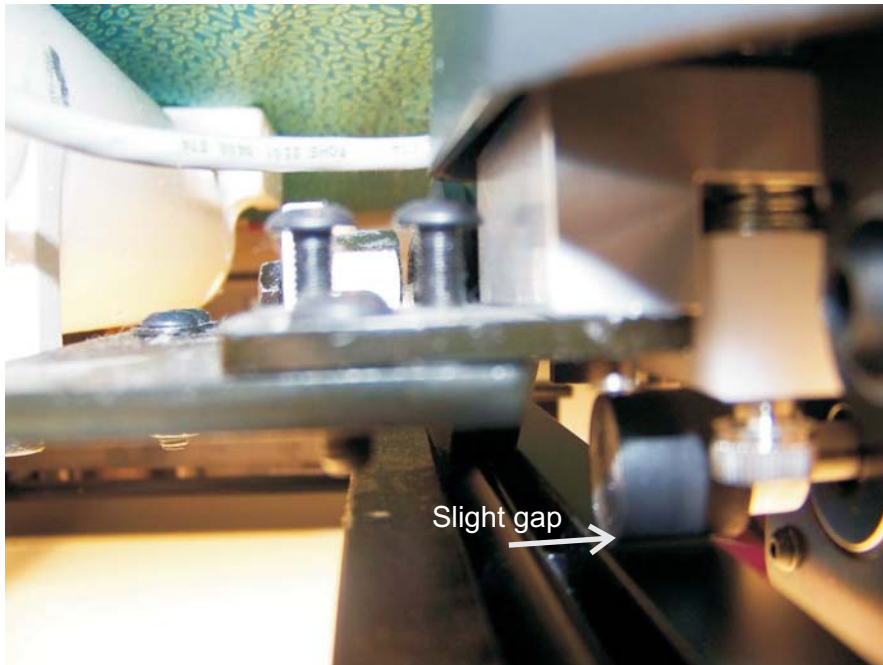
Go into the preference menu and make adjustments to your motor strengths if necessary. If the gap between the wheel and the surface is smaller than you previously had it, then you'll have to decrease your motor preferences. It is now recommended that motor strengths be set between 10 - 12. Adjust your wheel closer if you need a stronger strength.

Step 12:

Re-attach covers to motors.

Step 13:

Go to your measure menu and click on calibrate.



More realignment pictures.

This is for an A-1 machine but use this ruler method for any brand.

