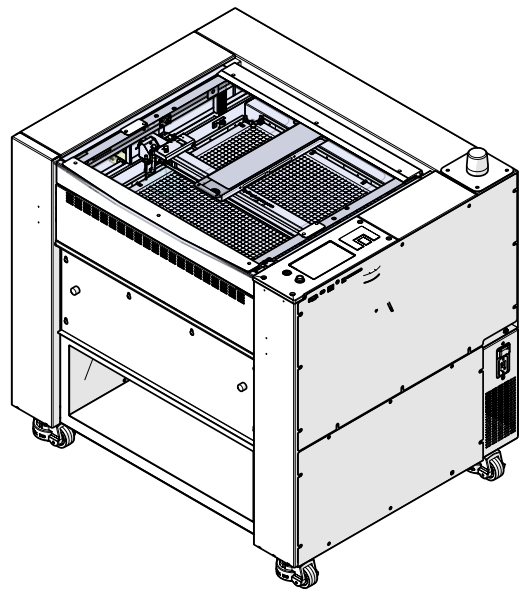
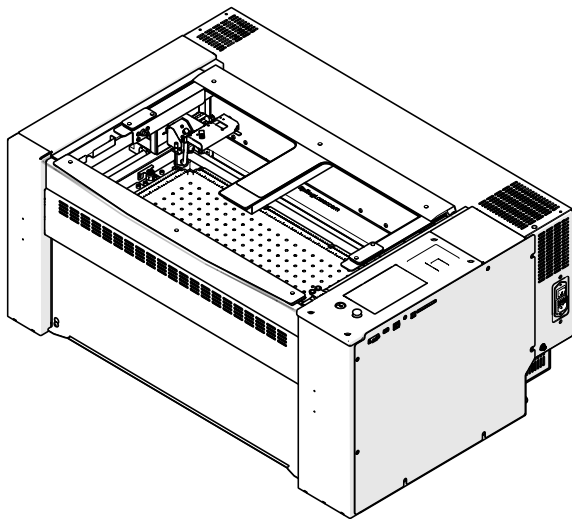


Air Assist (AA) Tubing Replacement Edge 12, 24 & 36, Pro 24 & 36



Parts Required

LC0643 - Tubing, Air, Vinyl, 5/16"OD x 3/16"ID (3.6')

Tools Required

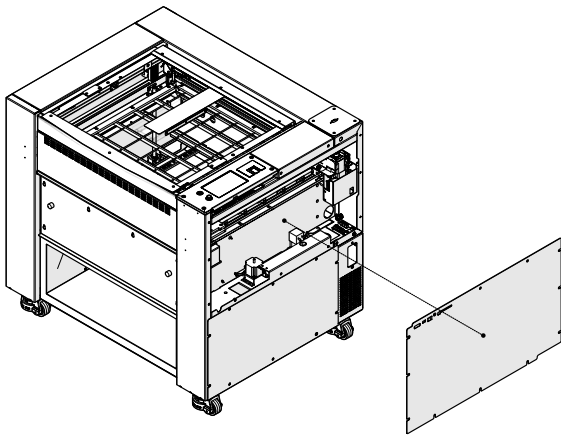
- 5/32" Allen wrench
- Phillips head screwdriver

17000 AA Tubing Replacement

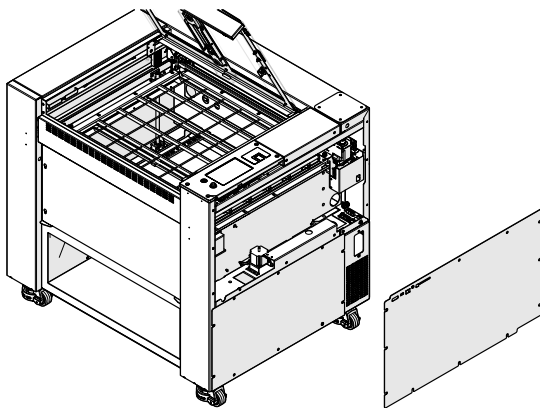
Air Assist (AA) Tubing Replacement

AA Tubing Removal

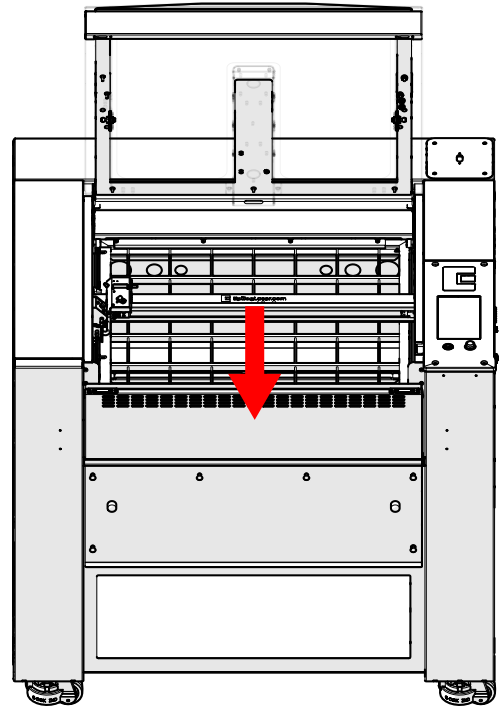
1. Turn off the engraver.
2. Disconnect the engraver from power source.
3. Remove the right panel of the engraver:



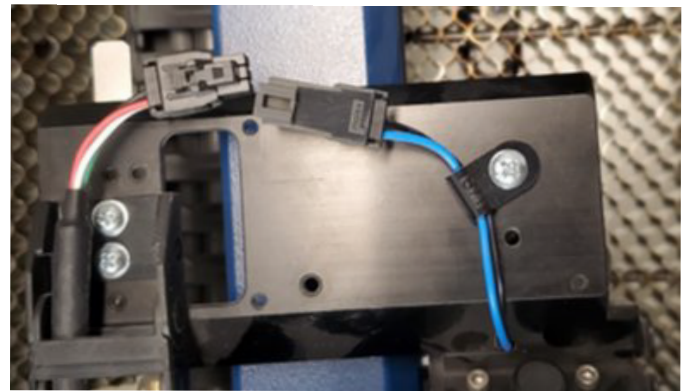
4. Open the top door of the engraver:



5. Manually move the x-axis assembly to the middle of the engraver:

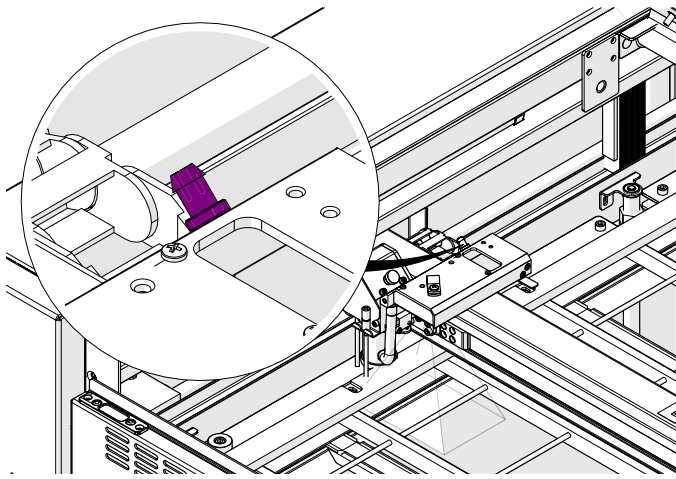


6. Disconnect the autofocus switch electrical harness:

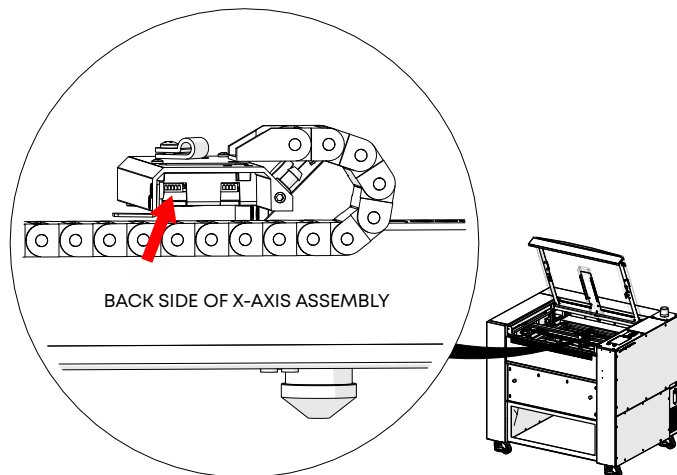


17000 AA Tubing Replacement

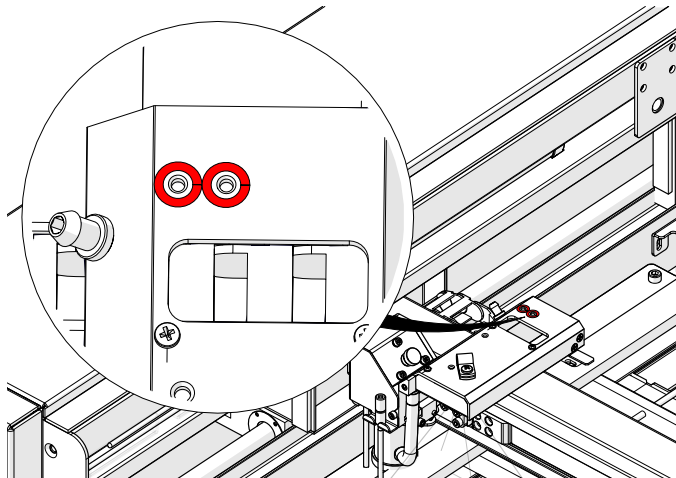
7. Disconnect the air assist tubing from the camera bridge:



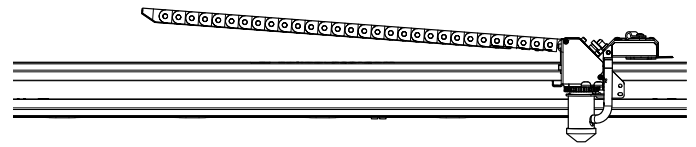
8. Disconnect the electrical harness from the carriage camera PCB (Pro only):



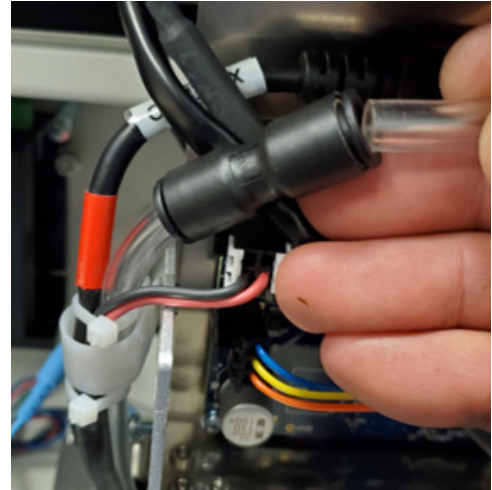
9. Loosen and remove the two (2) Phillips screws that secure the cable track to the carriage assembly:



10. With the cable track free, pull it to the left side of the machine to straighten it:

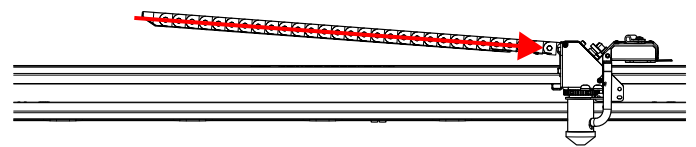


11. Disconnect the air assist tubing from the right side of the x-axis assembly:



The AA tubing is held by a tubing coupler. To remove the tubing, press the tubing into the fixture. Then, while holding the retaining ring tight to the fixture, pull the AA tubing away from it.

12. Push and pull the air assist tubing towards the right side of the machine to guide it back out of the cable track while taking care not to remove the carriage camera cable (if present) with it, unless deemed necessary:



17000 AA Tubing Replacement

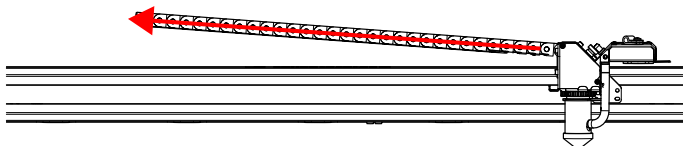
The AA tubing and carriage camera USB cable may be secured with cable ties to the x-axis assembly in certain points. If this is the case, remove the cable ties and replace them once the installation of the AA tubing is complete. Take care not to over-tighten the cable ties.

AA Tubing Installation

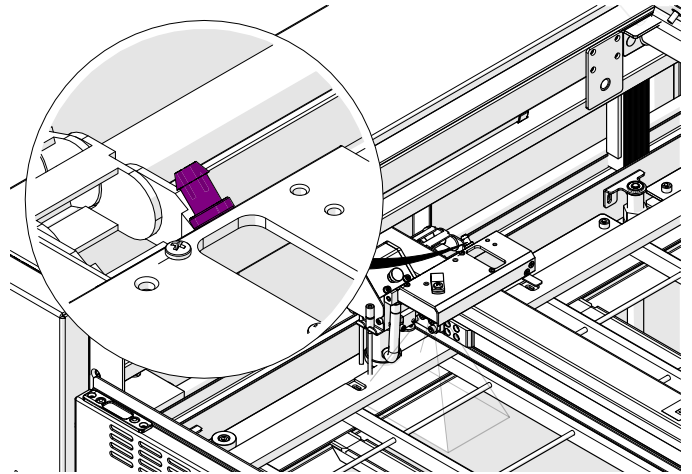
1. Connect the air assist tubing to the right side of the x-axis assembly:



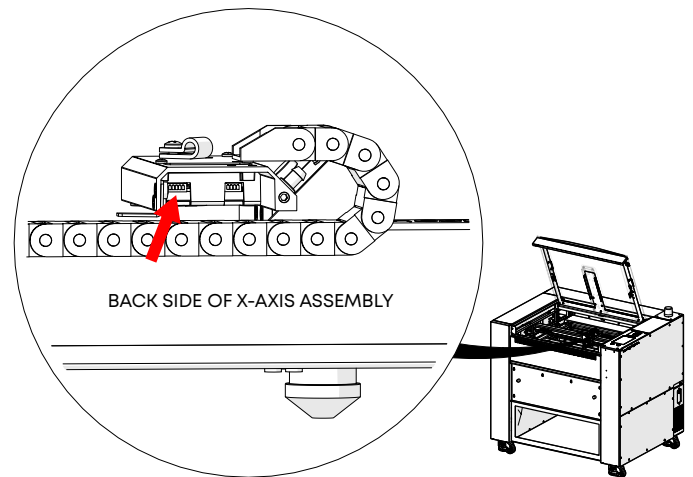
2. Route the replacement AA tubing through the cable track:



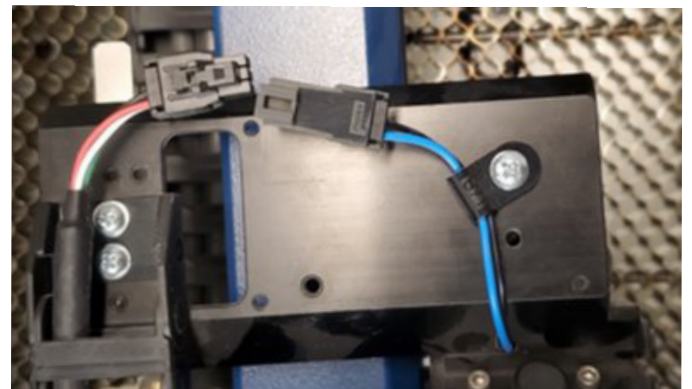
3. Curl the cable track into position and connect the air assist tubing to the camera bridge:



4. Connect the USB cable to the carriage camera PCB (Pro only):

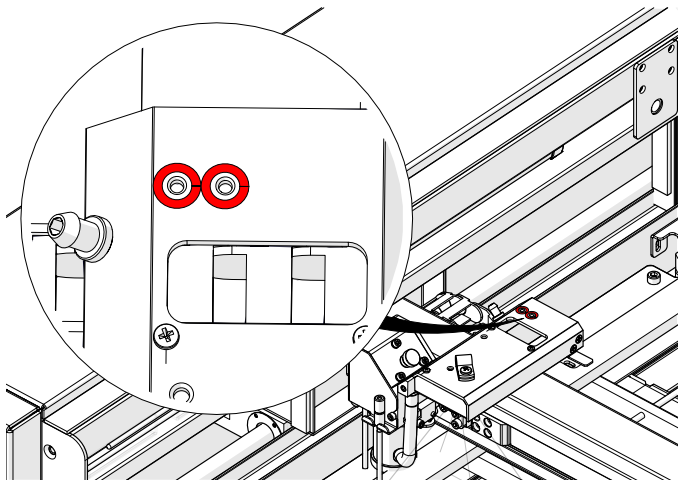


5. Connect the autofocus switch electrical harness:



17000 AA Tubing Replacement

6. Install and tighten the two (2) Phillips screws that secure the cable track to the carriage assembly:



7. Replace the right panel of the engraver.

If further assistance is required, please contact Epilog Tech Support by phone at 303-215-9171, or by email at tech@epiloglaser.com.