

Instruction Manual

Included Material List

- (6) Chrome Tubes
- (1) Square Tube
- (12) Black Cones
- (1) Coated 1/8 Hex Key



- (1) Right Side Rotating Revolver Wheel and Bracket Assembly with Spring Clamps
(Shown below mounted on plotter.)



- (1) Left Side Rotating Revolver Wheel and Bracket Assembly
(Shown below mounted on plotter.)



- (2) ¼ x 20 Button Head Bolts



- (2) ¼ x 20 Lock Nuts



- (4) M4x20 Screws to be used with the included washers



- M4x16 Screws (EXTRA- ONLY USE IF YOU NEED THESE TO MOUNT FACTORY BRACKETS!)

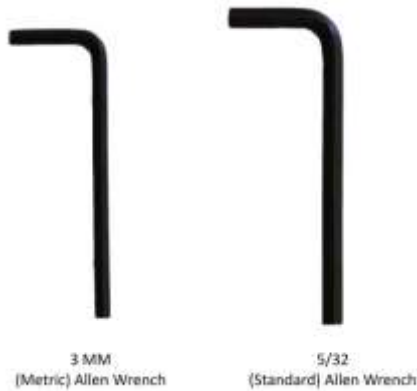


Tools Needed but NOT included:

- 7/16 Wrench



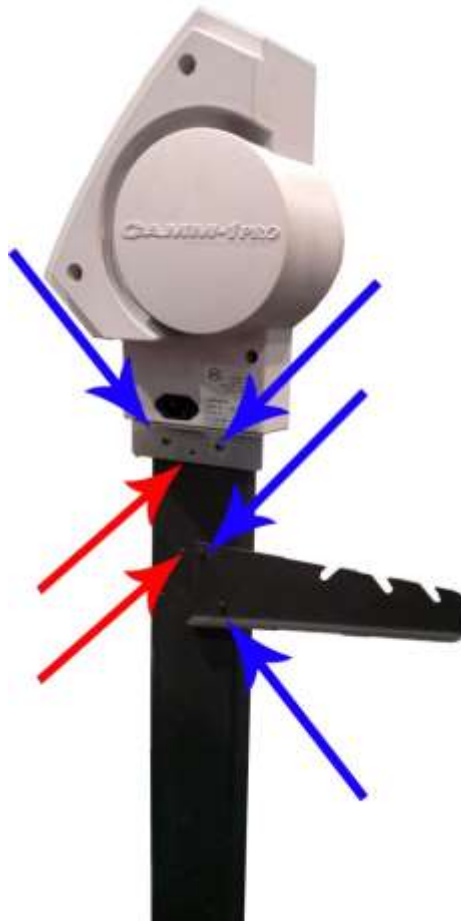
- 3MM (Metric) & 5/32 (Standard) Allen Wrenches



*****Very Important!*****

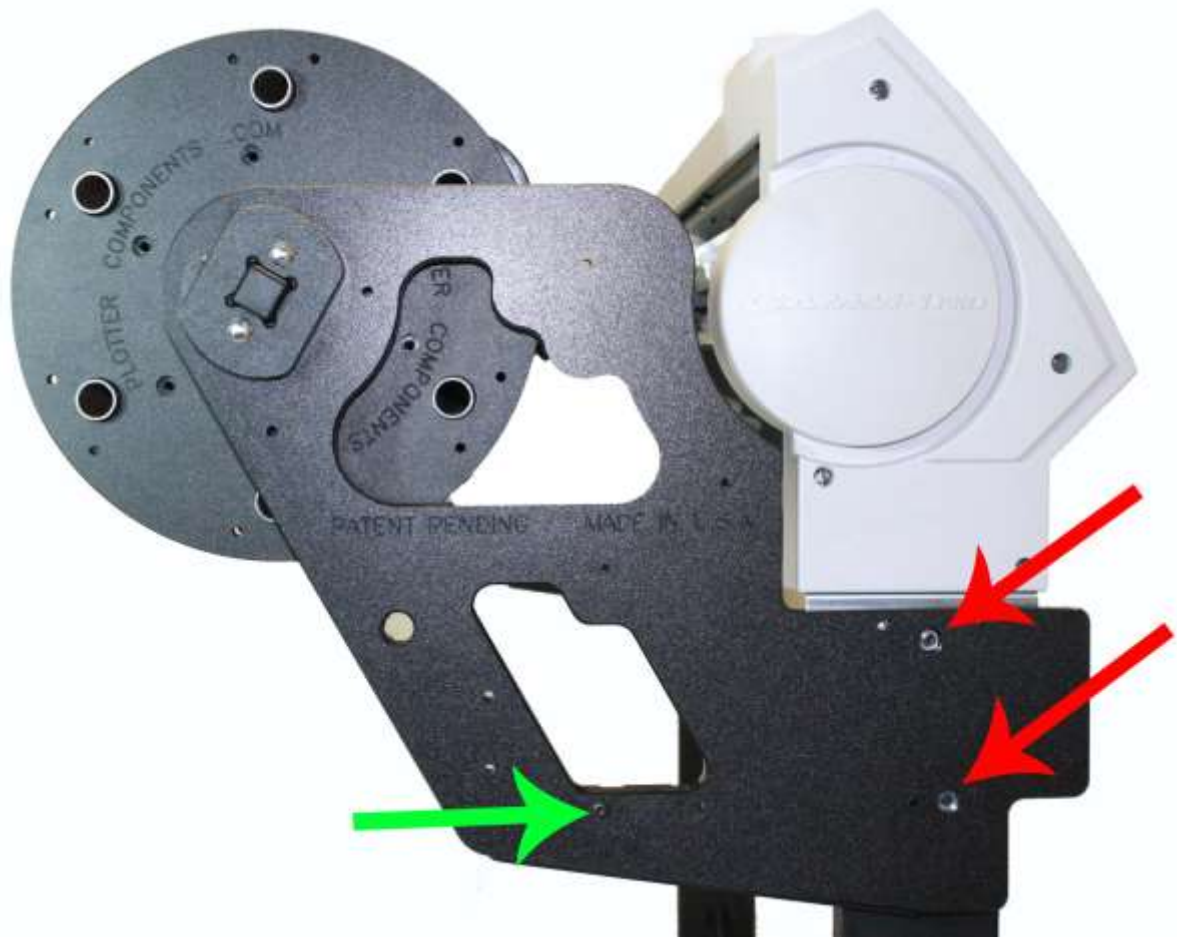
The metal FACTORY brackets that are included with your Roland GX Series Plotter must be correctly mounted, level, to the outside of your plotter stand.

Do not remove the screws where blue arrows indicate. (Fusion Brackets will mount over the heads of the blue indicated screws.) Extra M4x16 Screws are included ONLY IF NEEDED.



The red arrows indicate the locations of the 4 (2 per Fusion Wheel and Bracket Assembly) M4x20 screws with washers to be installed with the Fusion Wheel and Bracket Assembly. Example shown below.

The Green Arrow is the ¼" x 20 Button Head Cap Screw and Lock nut that goes through the Fusion Wheel and Bracket Assembly and through the FACTORY bracket slot. Secure tightly.



An Industry First! The Fusion Revolver

**Thank you for purchasing your new Fusion Revolver Loading System!
Please read all instructions before beginning assembly.**

1. Start with the Right Side of the plotter (The side with the control panel on the plotter. The Right Side Rotating Revolver Wheel has the movable spring clamps on it.) The Wheel and Bracket Assembly mounts onto the factory brackets behind and below your machine on the outside “legs” of your plotter stand. Place the Wheel and Bracket Assembly on the factory bracket with the

wheel facing towards the inside of the machine. Line the screws of the Bracket Assembly up with the screws on the factory bracket. You will need a 3mm allen wrench, 5/32 allen wrench and a 7/16 wrench to secure these bolts and nuts.



2. Repeat Step 1. For the Left Side Rotating Wheel, again ensure that the wheel faces the inside of the machine.



3. **Line up all holes on both wheels! You must make sure the square holes in the center of each wheel are paralleled. Each round hole must also be paralleled. If the holes are not correctly lined up you will not be able to insert Chrome Tubes correctly!**
4. Once all of the holes are aligned parallel to each other, insert the Square Tube into the center of the Right Wheel and through to the center of the Left Wheel. (It will be a tight fit.)

5. After you have the Square Tube placed where you want it, tighten the set screw to lock the square tube of each wheel in place, with the included 1/8 Coated Hex Key. (Look for the small hole very close to the Square Tube on the outside center of the wheels.)



6. At this point you may have noticed that the Right Side Wheel has an extra piece attached to the outside of it. This piece is a holder for the included 1/8 Coated Hex Key. There is also an extra hole for another plotter blade (not included). Place the Coated Hex Key in the holder.
7. Assemble two of the Cones onto one of the Chrome Tubes. Once the Cones are on the Chrome Tube, slide the Cones to the position of your choice and use the Coated Hex Key to lock the

Cone onto the Chrome Tube by tightening the set screw inside the brass insert on the Cone.



8. Slide the desired film or vinyl onto the Chrome Tube with a Cone on each end and tighten the set screw with the 1/8" Coated Hex Key. Once you have determined your desired location for the Cones so that your material is lined up with your plotters' feed rollers, you will seldom need to adjust the position of the Cones on the right side of the Chrome Tube. At this time, simply remove the left Cone and exchange your media (film or vinyl). Reinstall the left Cone and no realignment is necessary.



9. Insert the end of the tube that does not have the metal stop rings on it, into one of the Left Side wheel holes. Pull back the right side retaining spring lever and lock the Chrome Tube into the Right Side Wheel with the metal stops fitting around each side of the wheel. Release the lever.

10. Repeat Steps 8-10 for the rest of the Chrome Tubes. The Chrome Tubes should be installed as shown below.



11. Your Fusion Revolver is now completely assembled. You can pull the lever on the Right Side Wheel and rotate the Wheels to the desired film or vinyl choice and begin cutting. **To ensure a properly balanced machine, it is recommended that you keep all 6 chrome tubes mounted with the media of your choice.**

Once again thank you for your purchase!

Please review the next pages for more useful items.

Fabric Catch System- Fabric Catch is “W” shaped to catch material in the front and the back of the machine. This separates your materials by preventing them from clinging together. (Available for all systems.)



Another Industry First!

The Fusion Rewinder- The Rewinder allows you to cut media while the plotter rolls it back onto an empty roll on the front of the machine with a belt drive. This prevents the material from bunching and creasing while cutting lengthy or large patterns. Cut an entire roll of material without manually holding the film or vinyl during the cutting process. This accessory can be added to any Fusion Loading System or purchased separately. (Available for all systems.)



The Fusion Handle Line- Quality squeegee handles that offer comfort with a no-slip textured grip and adjustable blade mounts. Available in 4 convenient sizes 8", 5" Standard, 5" Short and our newest hand tool, the Fusion Hand Job.



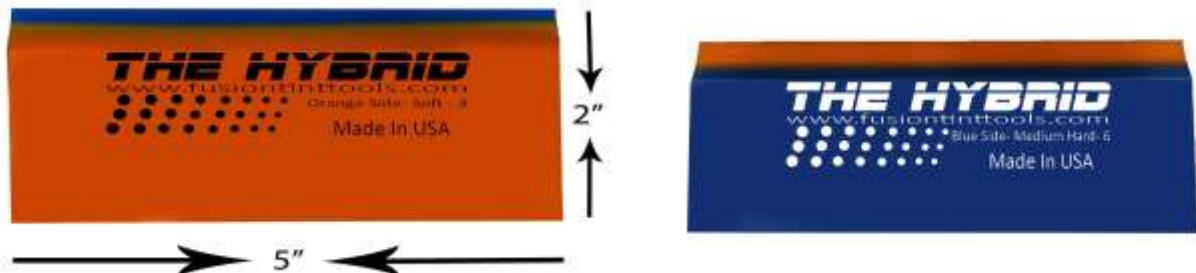
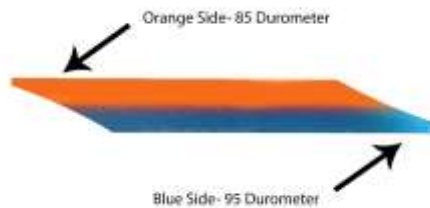
Orange Crush Squeegee Blades- In 2012 we redesigned our blade material that sets our blades apart from others. Completely scuff free! Our blades are injection molded using an exclusive patented process and offer consistent material density. The signature beveled edge ensures maximum liquid removal with every swipe. These blades have been designed to work perfectly in a Fusion Handle and also come in 8", 5" Standard, and 5" cropped sizes.



Clear Crush- Slightly softer than our Orange Crush the Clear Crush gives you even more flexibility to help with extreme curves. Available in 5" and 5" Cropped.



The Hybrid- Two blades in one! A soft orange side for flex and a harder blue side for strength! Ask your tool supplier about trying a Hybrid today!



Hard Cards- These cards are purposely manufactured with the installer in mind. They have a molded square corner to fit into hard to reach areas such as corners, seals, etc... and are offered in several levels of material from softer to harder.

