

Procedure: Ribbon cable sleeve installation.

Machines: 600Ae and 28Ae.

Tools Required:

- 9/64" allen wrench
- Phillips head screwdriver
- Scissors or wire cutters

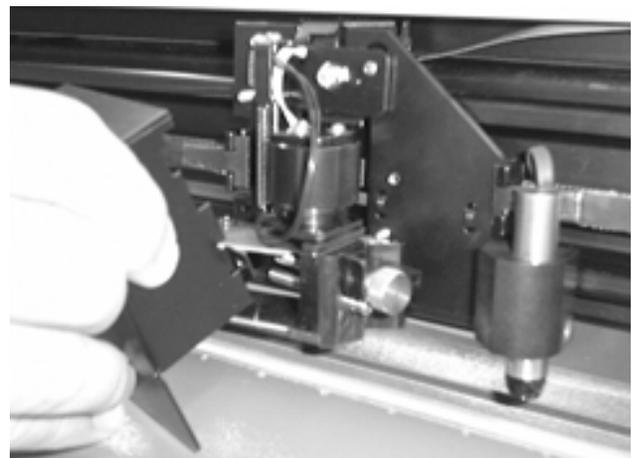
Removing the left end cover

- 1 - Remove the two (2) black phillips screws holding the left cover.
- 2 - Remove the left cover from the machine.



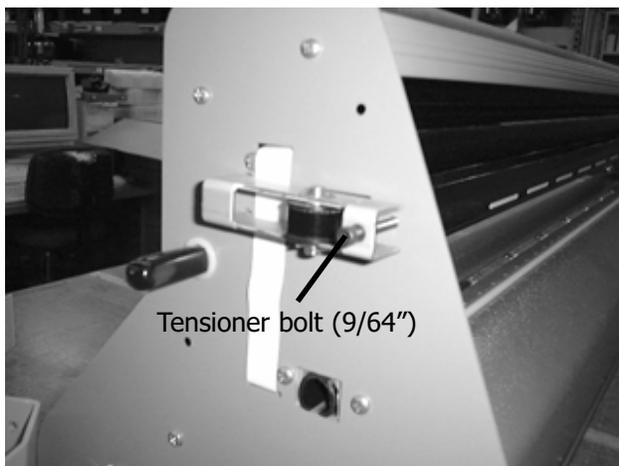
Removing the carriage cover

- 1 - Remove the two (2) black phillips screws holding the carriage cover.
- 2 - Remove the cover from the carriage.



Removing the Y axis drive belt

- 1 - Loosen the allen bolt on the belt tensioner assembly. DO NOT remove.
- 2 - Unclip the belt ends from the carriage assembly.



Removing the carriage

- 1 - Press down on the top of the carriage and pull the bottom toward you.



Removing the Flex Cable

- 1 - Cut the tyrap holding the flex cable and gently pull the flex cable from the socket.



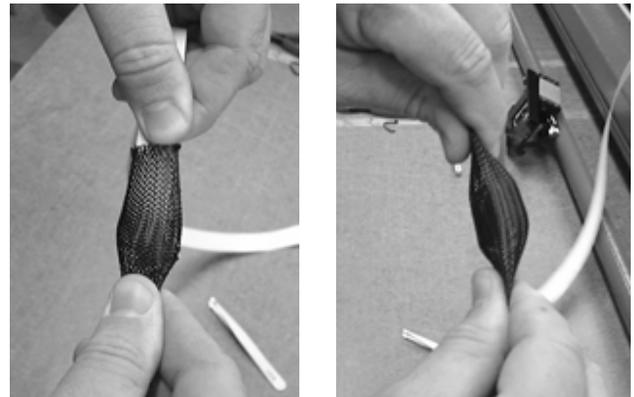
Installing the flex cable sleeve

- 1 - Wrap the end of the flex cable with masking tape.



- 2 - Slide the sleeve onto the flex cable by letting it bubble.

Tip: Hold the end of the flex cable while sliding the sleeve on, then smooth out the excess sleeve.

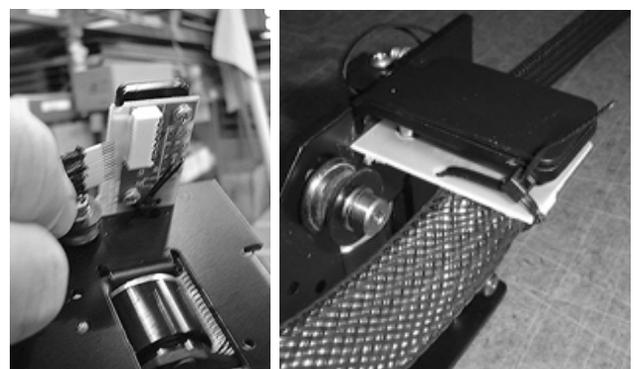


- 3 - Pull the flex cable through so approximately 3/8" of cable is showing. Remove the masking tape from the flex cable.



- 4 - Press the flex cable into the socket on the carriage. NOTE: Make sure the colored end of the flex cable is UP.

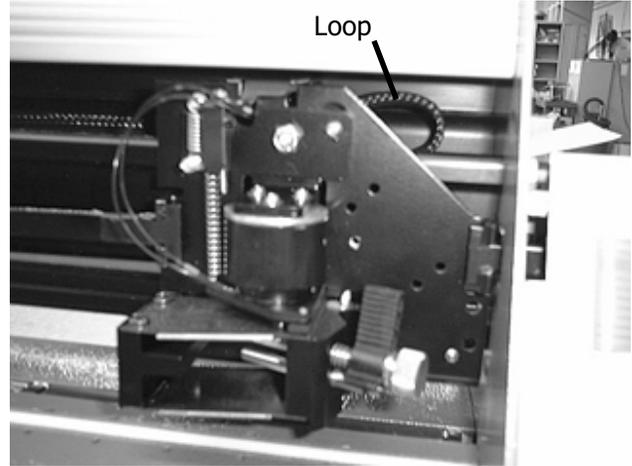
- 5 - Slide the sleeve so it's stuck to the double sided tape and tyrap the cable and sleeve.



6 - Re-install the carriage assembly and make sure the flex cable lays flat by pressing it down to the double stick tape on the traverse.



7 - Move the carriage to the right side of the machine and make sure flex cable makes a small loop like in the picture.



If problems should arise contact Ioline Tech Support.