

SmarTrac I/S Carriage Upgrade Procedure

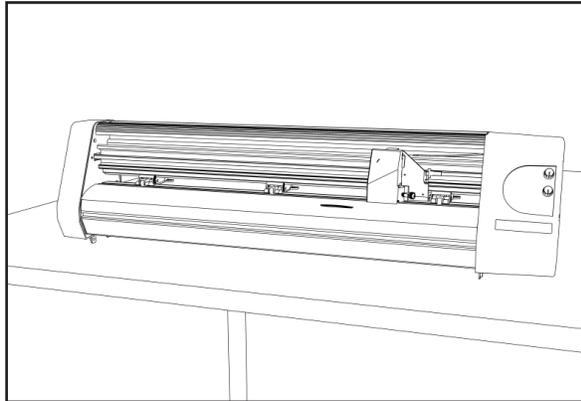
NOTE: Unplug the power and data cable from the back of the machine.



Caution: **DO NOT** power the machine on before completing all the steps in this procedure. Failure to do so will result in permanent damage to the electrical components of the machine.

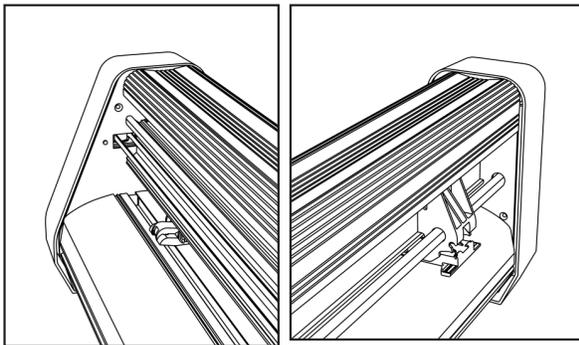
① Preparing for carriage replacement

Securely attach the machine to a stand or to cradle legs sitting on a sturdy table so that it will not tip over.



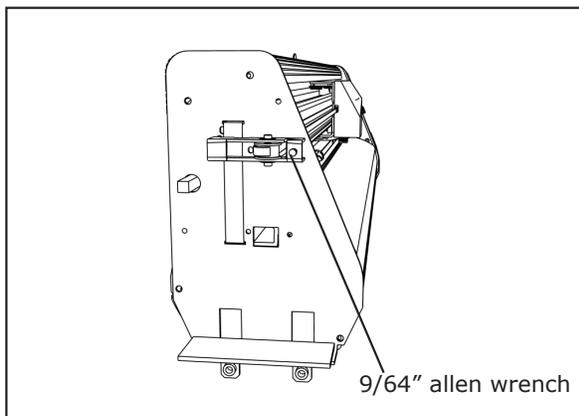
② Remove both of the end covers

You will need access to the carriage belt tensioner.



③ Loosen belt tensioner

Mark the screw on the Y axis belt tensioner with "White-Out" to mark the position of the screw before you loosen it. Loosen the 9/64" allen screw on the belt tensioner until the bracket is flat against the end plate. Do not remove the screw.



HOLINE

14140 NE 200th St
Woodinville, WA 98072
PH: (425) 398-8282
FX: (425) 398-8383

Tools Required:
Phillips Screwdriver
9/64" Allen Wrench

Applies to:
Smartrac I/S
100 Cutter
Contour Cutter



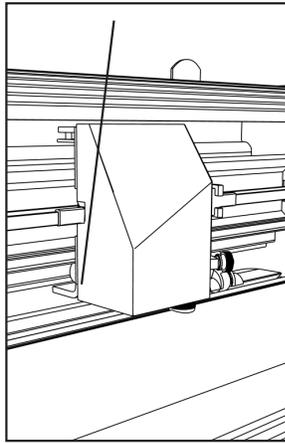
Caution: Always observe anti-static procedures. Failure to properly ground yourself to metal before handling the board can cause permanent damage. Use the provided wrist-strap to properly ground yourself to the machine.

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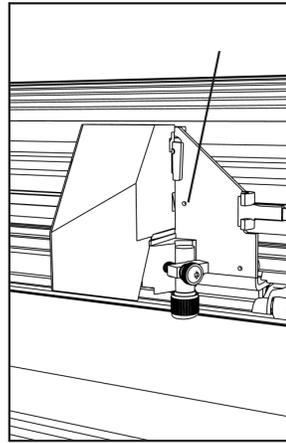
④ Remove the carriage cover

Remove the carriage cover screws shown and remove the cover from the machine.

Remove screw

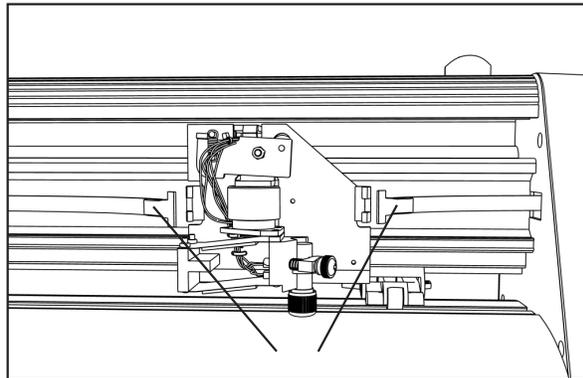


Remove screw



⑤ Un-clip the belts

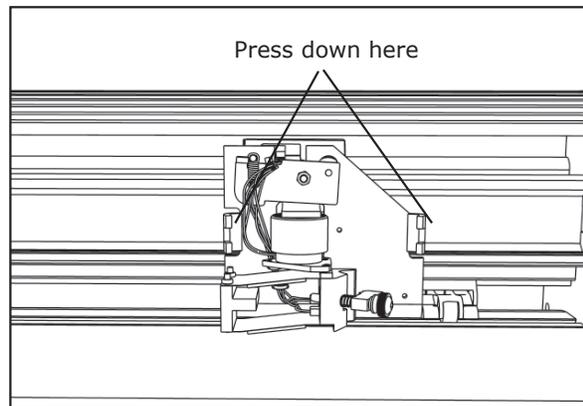
Grasp one of the metal "T"-connectors on the end of the Y Axis belt and pull it toward the center of the carriage until it pops free. Make sure that the tensioner assembly is not tangled in the belt. Remove the other end of the belt from the carriage.



Un-clip the belt "T" connectors from the carriage

⑥ Push down on the carriage

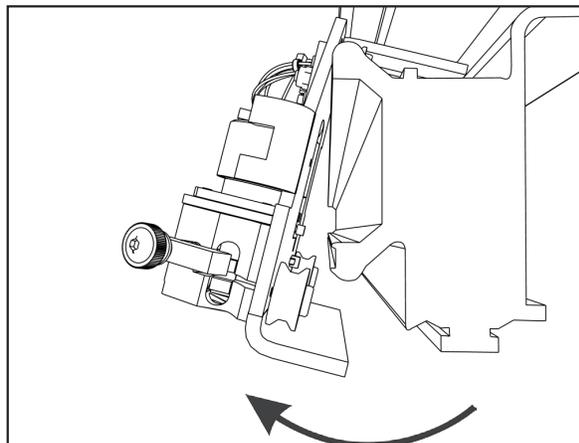
Remove the carriage from the machine by pushing down on the belt attachment fingers.



⑦ Rotate the carriage

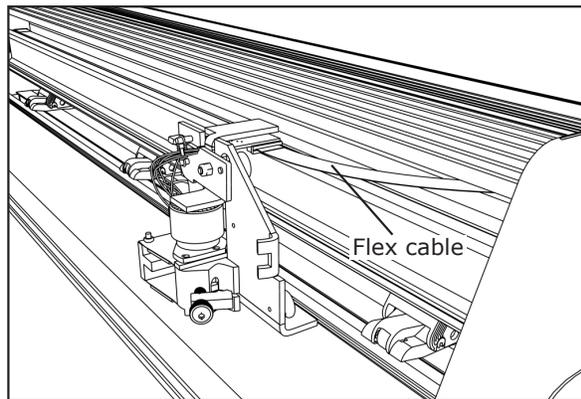
While pushing down, pull the bottom of the carriage assembly toward the front of the machine.

Rotate the bottom



8 Remove the carriage

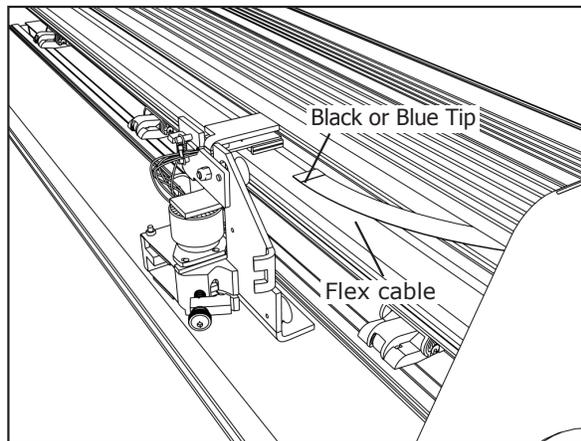
Pull the carriage slowly toward the front of the machine being sure not to damage the flex cable.



9 Unplug the flex cable

Disconnect the flex cable from the carriage by pulling the flex cable from the socket. The flex cable is fragile so be very careful when loosening it.

Follow the procedure in reverse order to install the new carriage.



10 Test the upgrade

Plug the power cable into the back of the machine and power on. Test the machine.

If problems arise contact Ioline Tech Support. **...FINISHED**

IOLINE

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