

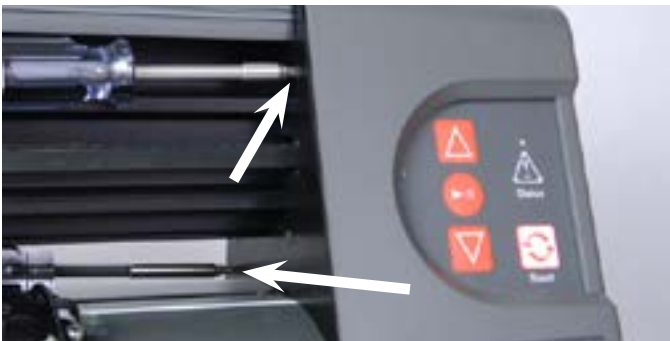
Installation keypad CPlI Product P/N 108718



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Procedure 110910 P/N REV 0

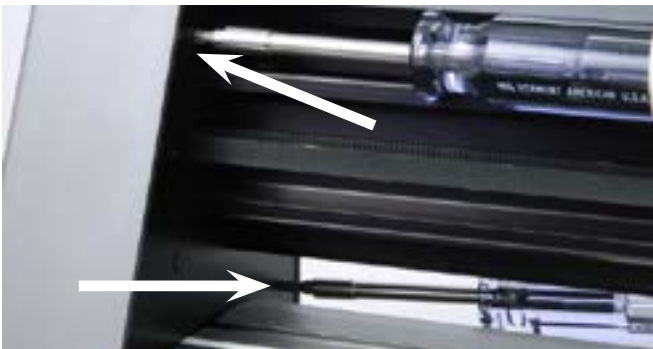
Tools required: Phillips screwdriver, 9/64" Allen wrench, 11/32" socket wrench with a 6 1/2" extension.



Step 1: Remove the 2 screws on the right end cover.



Step 2: Tilt the machine on its back, remove the 1 screw on the bottom of the right end cover, then tilt the machine back up-right. Slide the end cover off the end plate for access for the removal of the keypad.



Step 3: Remove the 2 screws holding the left end cover then slide the cover off the left end plate.



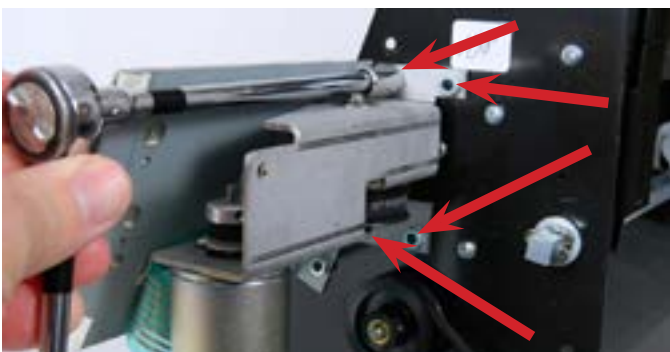
Step 4: With an Allen wrench 11/32", loosen the tensioner screw 2 full turns counter clockwise. This will loosen the Y belt.



Step 5: Remove the carriage cover by removing the 2 screws as shown by the arrows.



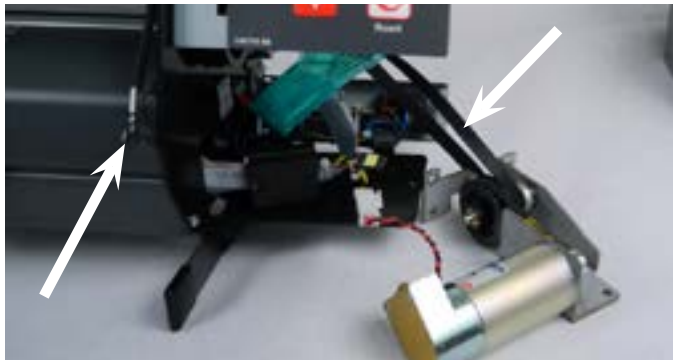
Step 6: Remove the 2 clips from the carriage base plate. This will free up the Y belt for the removal of the Y transmission below in step 8.



Step 7: Remove all 4 locking nuts (red arrows) from the transmission bracket.



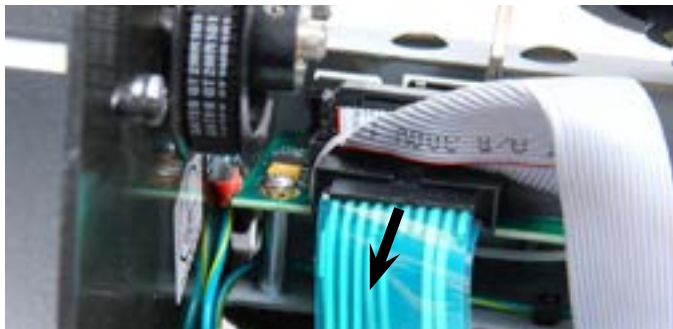
Step 8: Remove the transmission from the right end plate.



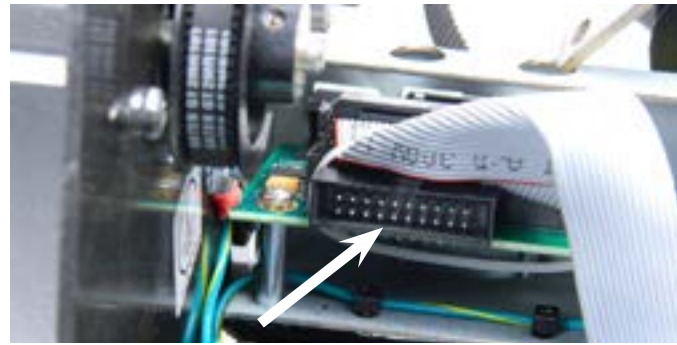
Step 9: Place the Y transmission on the table as shown. It is secure and out of the way. NOTE: The Y belt (arrows) does not have to be pulled all the way through the right end plate.



Step 10: Remove the key pad by un-screwing the 2 locking nuts with the 11/32 socket and the long extension.



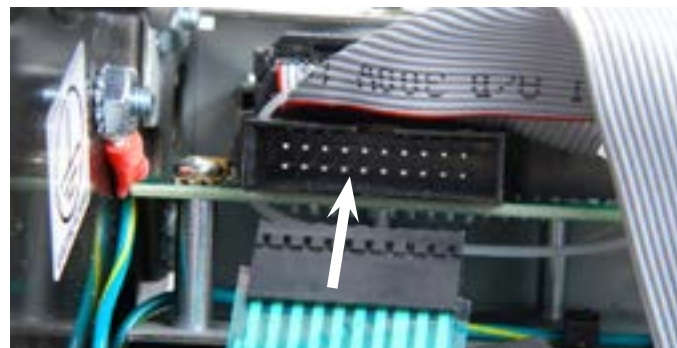
Step 11: Pull the ribbon cable out of the receptor towards you.



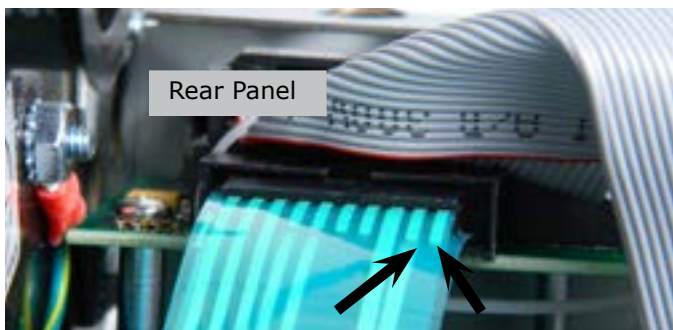
Step 12: This is the receptor after the ribbon cable has been removed. NOTE: Make sure that all (20) pins are straight. If any are bent, you can bend them back with a small flat head screwdriver, or a knife blade.



Step 13: The new key pad on the static bag.



Step 14: With the key pad resting on a table, the ribbon cable is ready to be placed into the receptor. NOTE: The orientation of the ribbon must be correct. See step 15.



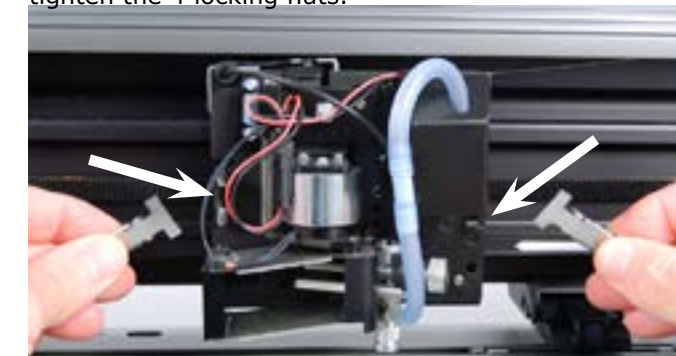
Step 15: **ORIENTATION:** The 2 arrows point to 2 short wires on the right. These **MUST** be on top and on the right. NOTE: Make sure that the ribbon cable is in the center of the receptor and inserted all the way in.



Step 16: Attach the new key pad on the right end plate. Align the holes with the 2 threaded studs and place the locking nuts on by hand, then tighten down with the 11/32 wrench with extension.



Step 17: Install the Y transmission by placing it over the 4 threaded studs (4 white arrows), then hand tighten the 4 locking nuts.



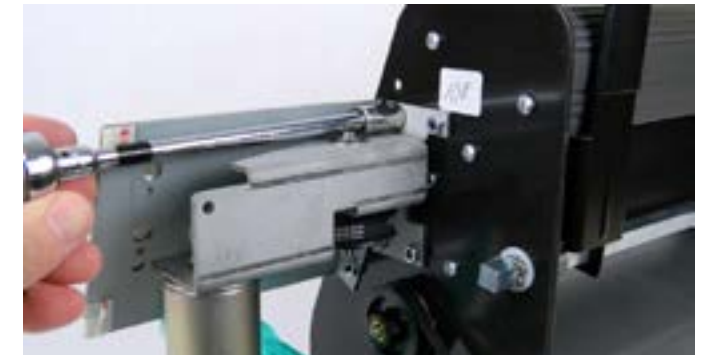
Step 19: Re-attach the Y belt by hooking up both of the clips to the carriage base as shown. NOTE: Be careful not to pinch the wires when attaching the clips.



Step 21: Before placing the end covers back on, you need to make sure that the carriage slides left to right smoothly.



Step 23: When the carriage moves back to the left end plate, a green light should appear on the Status Triangle (green arrow). You have successfully installed the new keypad.



Step 18: Tighten all 4 locking nuts down with the 11/32" wrench with the 6 1/2" extension.



Step 20: With an Allen wrench 11/32", tighten the tensioner screw 2 full turns clockwise. This will re-tighten the Y belt.



IMPORTANT: For safety reasons, place the cover on (no need place the screws in at this time). Plug in the power cord and turn on.

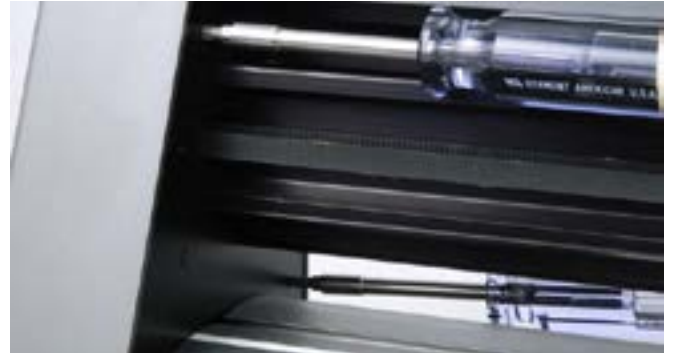
Step 22: To make sure that you have correctly connected the keypad, you should see the carriage move and a RED light on the Status Triangle (red arrow).



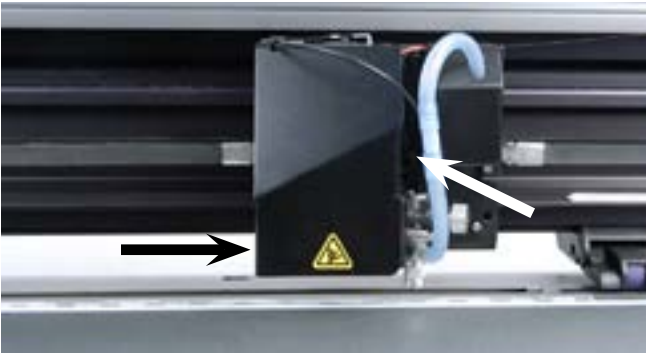
Step 24: You can now place the 2 screws to secure the end cover.



Step 25: Tilt the machine on its back and insert the bottom screw.



Step 26: Tilt the machine back on its legs and insert the 2 screws in the left end cover.



Step 27: Re-attach the carriage cover with 2 screws.
...FINISHED