

Replace I/S Sign Cutter, CrystalPress, 100, 300, 350HF Y-Transmission Motor Belt

Procedure P/N 111432 REV 0



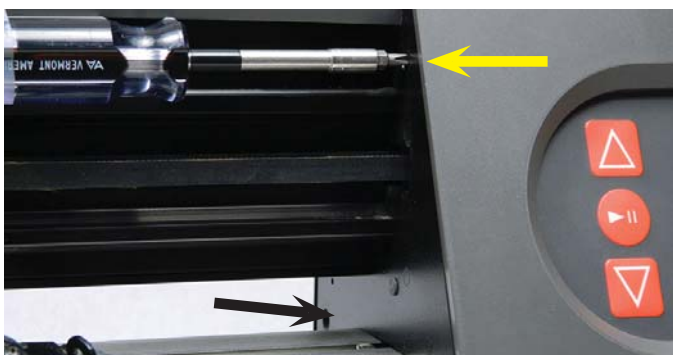
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Step 1: Tools needed: 1/16" Allen Hex L shaped or straight with handle and a Phillips screwdriver.



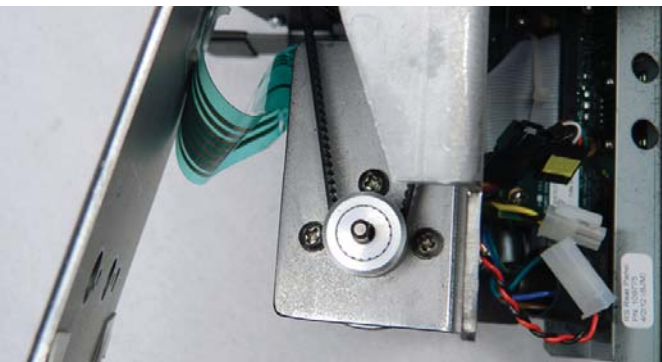
Step 2: Turn off the power and unplug the power cord and the communication cable.



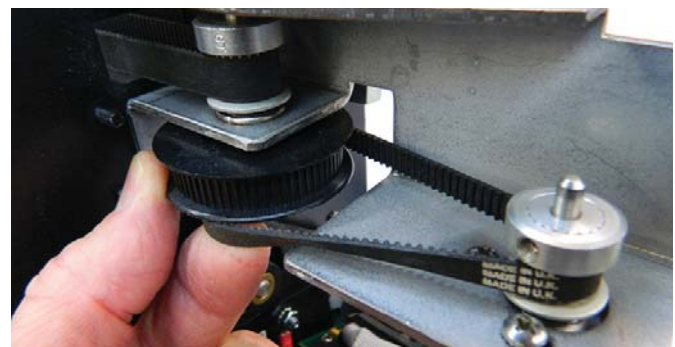
Step 3: Remove both screws from the right cover (arrows). You can now tilt the machine over on its back.



Step 4: With the machine tilted, remove the silver screw (arrow). You can now remove the cover to expose the Y motor



Step 5: Loosen the Y motor mounting screws 1 full turn. **NOTE: No need to remove those screws**



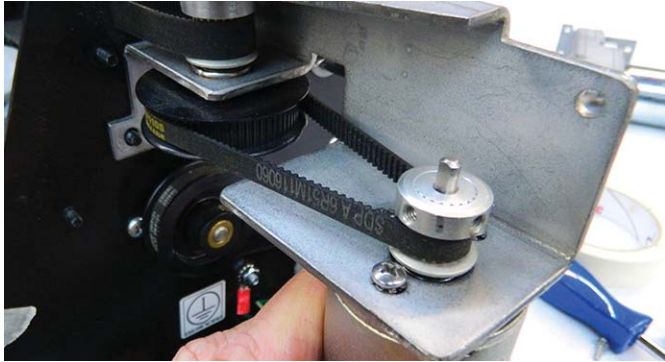
Step 6: With the screws loosened, move the motor toward the black pulley. Slide the belt off the black pulley as shown.



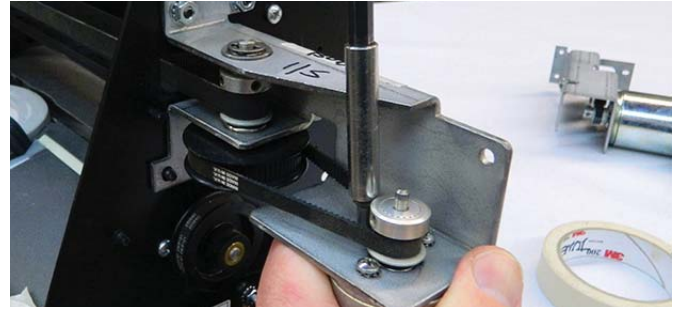
Step 7: The belt has now been removed from the silver pulley as well. Discard the old belt.



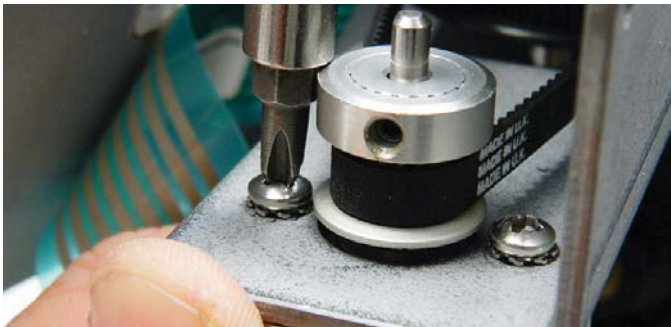
Step 8: Wrap the new belt around the silver pulley 1st as shown, then wrap it around the black pulley. At this point you will need to turn the black pulley while maintaining pressure on the belt. The belt will fully wrap around the black pulley. See step 9.



Step 9: The belt is around both the silver motor pulley as well as the black pulley.



Step 10: Wrap your fingers around the motor and place your thumb at the end of the bracket as shown. Pull the motor tight (will see the belt tighten) and proceed to tighten all 3 screws.



Step 11: Close up of a screw being tightened while tensioning the belt.



Step 12: After all 3 screws have been tightened, press on the belt to make sure that the tension seems good. The photo shows the correct amount of tension.



Step 13: To test, plug in the power cord and turn on. If done correctly, The carriage should move to the end plates, and the shaft should rotate.



Step 14: You can now attach the right end cover. You are now ready to resume.... **FINISHED**