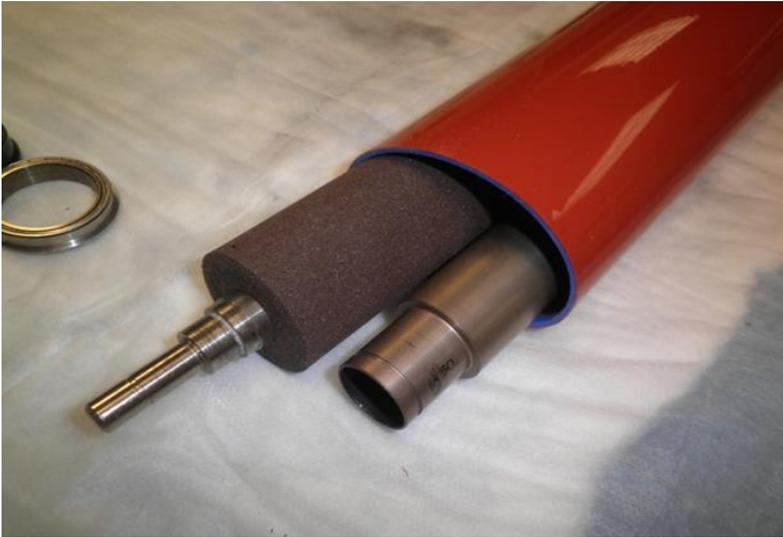


Ricoh MP C2500 / 3000 Fuser Belt Replacement

1. Remove the fusing unit upper cover (4 screws)
2. Remove the top frame to expose belt (4 screws, you may leave the thermistor plug attached if you have room to lay the frame next to the unit while working)
3. Remove the front side stay (2 screws)
4. Disconnect the pressure roller lamp cord (1 screw, you can re-insert the screw in terminal to keep it separated from other screws)
5. Remove the rear side stay (2 screws)
6. Disconnect the heat roller lamp cords (4 screws, you can re-insert screws in terminals to keep them separated from other screws)
7. Remove the heat roller lamp stays (1 screw each)
8. Remove the lamp from the heat roller (easiest from front side)
9. Turn the separation plate away from the belt and lock it in the up position by sliding it slightly off its pivot shafts
10. Remove the idle gear (closest to the heat roller)
11. Remove the one way clutch gear (1 C ring)
12. Remove bearings from foam pressure roller
13. Remove bearings and heat insulating sleeves from heat roller
14. Remove belt and all three internal rollers simultaneously by grasping ends of heat roller and lifting out of frame
15. Parts removed and ready for reassembly:



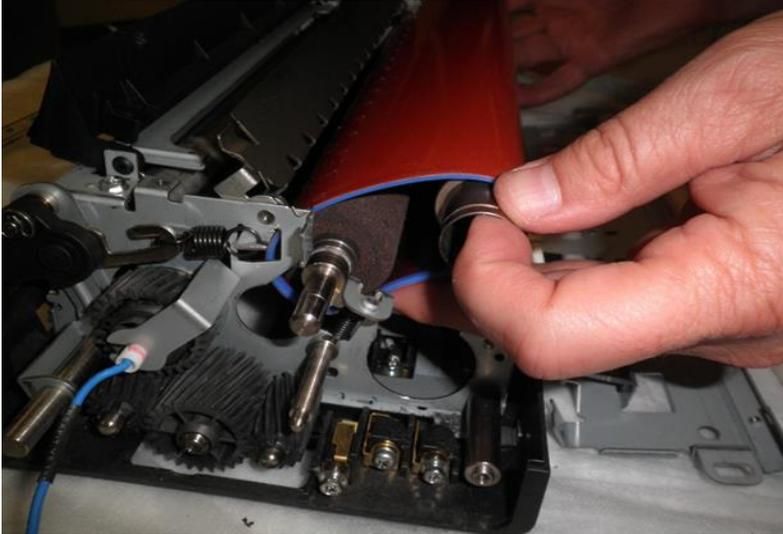
16. Place foam pressure roller and heat roller inside new belt:



17. Align large diameters of rollers inside of guide ribs:



18. Grasping the ends of the heat roller, drop the foam pressure roller into its frame opening:



19. While applying tension to the belt, push the heat roller into its frame opening. Make sure both rollers are still in position between guide ribs:



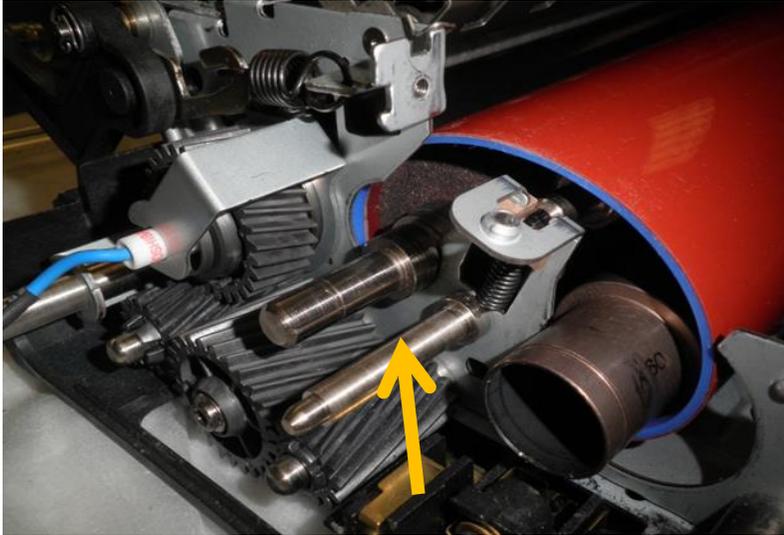
20. Slide the tensioner roller into the belt so that it is resting on top of the heat roller:



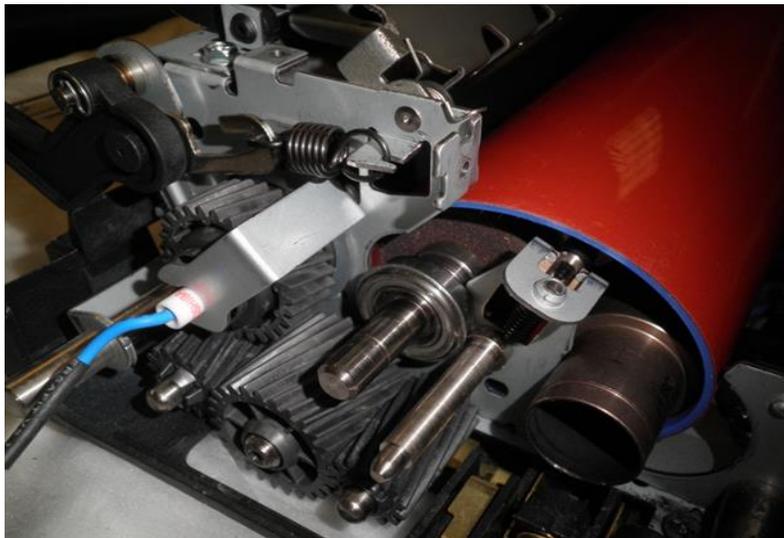
21. Lift the ends of the tensioner roller and place in the bushings:



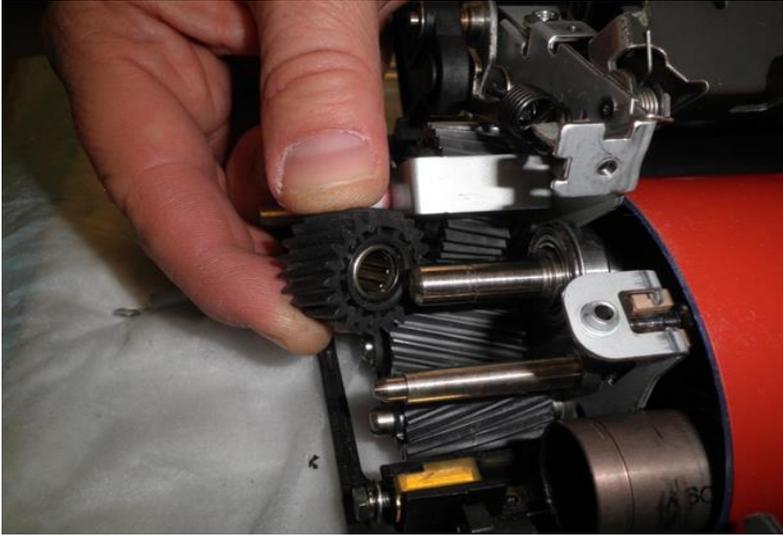
22. Move the foam pressure roller toward the drive side so that the larger diameter is resting on the frame:



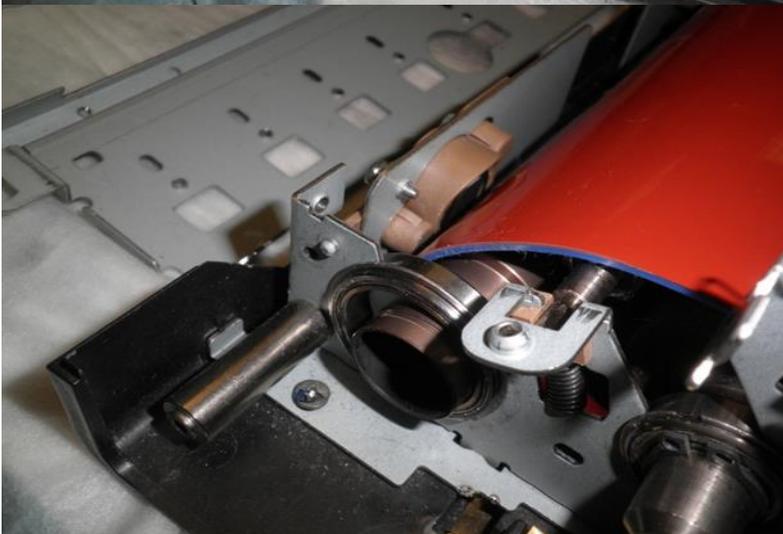
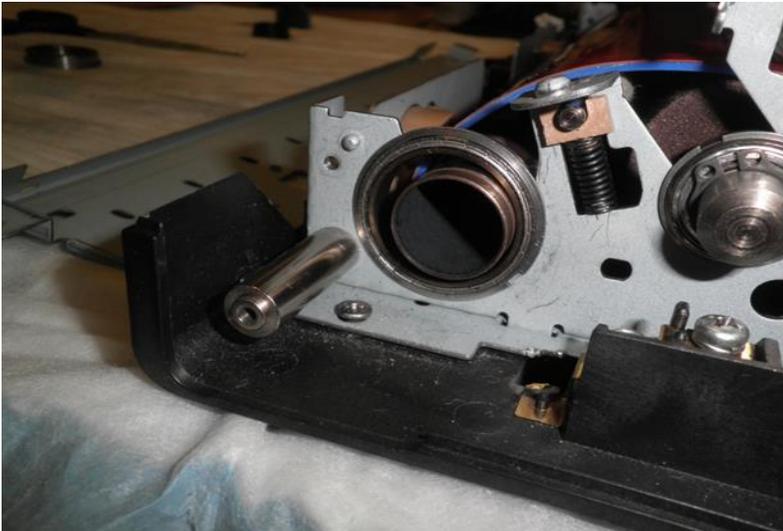
23. Install bearings on both ends of the foam pressure roller:



24. Install one-way clutch gear on foam pressure roller shaft. Metal edge of bearing should go toward the roller. When installed in the correct direction, it should drive the belt when turned in the clockwise direction viewed from the drive side:



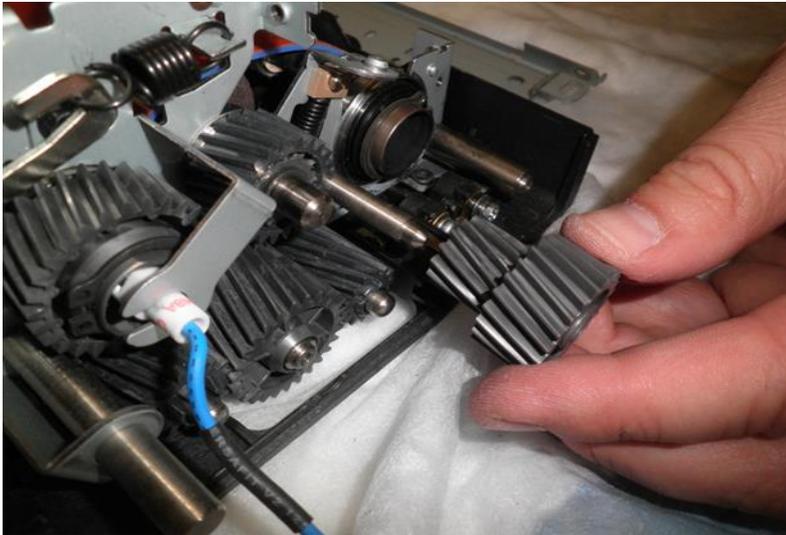
25. Install the bearings in the frame over the ends of the heat roller. Visually confirm that the belt is tracking properly on both ends of the heat roller (guide ribs not riding on large diameter):



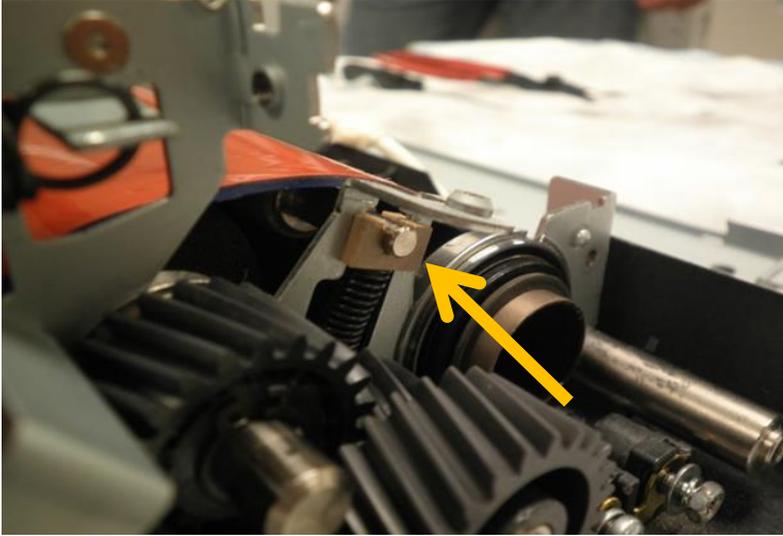
26. Insert heat insulating bushings over the ends of the heat roller and into the bearings. Confirm that the heat roller remains in the proper position between the guide ribs:



27. Re-install idler gear:



28. Confirm proper installation by comparing the amount of tension on each tensioner spring. They should be in the same relative position on each end:



29. Reassemble the rest of the fuser by reversing steps 1-9. When replacing the top frame, ensure that the thermistor is securely connected, and that the wiring is placed so that it does not become pinched when the upper cover is replaced.