Kodak

# Magnus VLF MCU

## Replacing the Slip Sheet Removal Unit Rollers

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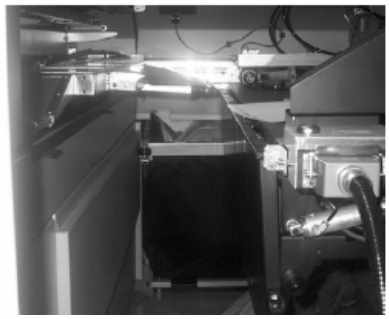
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## 1. REPLACING THE ROLLERS

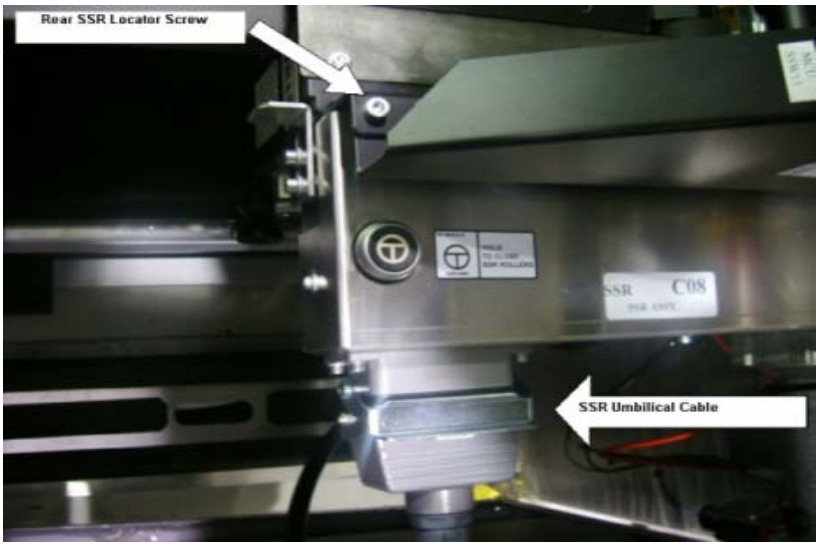
This procedure is to replace the Slip Sheet Removal (SSR) unit rollers.

1. Turn the device power to **OFF** and shut off the air supply to the device.
2. Open the SSR bin panels and remove the slip sheet (SS) bin.



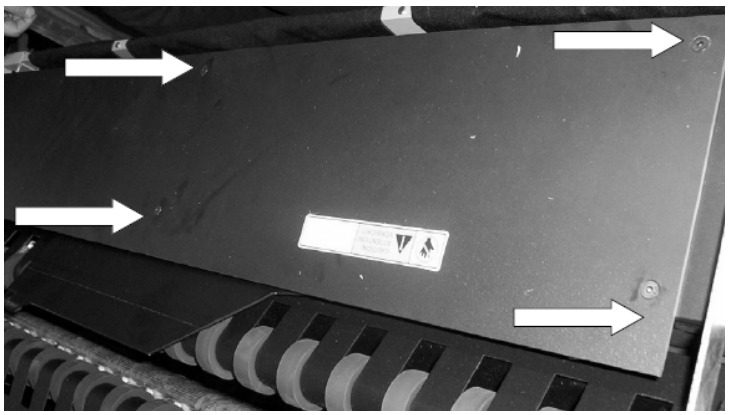


3. Move the fetcher away from the MCU/SSR area and lower the SSR drop down access panel. Remove this panel.
4. Disconnect the SSR umbilical cable and remove the two screws (rear screw shown only) holding the SSR unit in position.

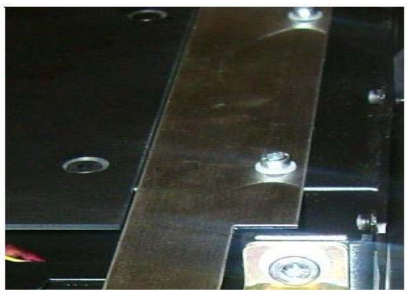



5. Remove the SSR unit from the MCU using the SSR service jacks. See the *Visual Install Guide* (725-00111C) for details.

6. Once the SSR is removed and accessible outside the device, remove the SSR black laminate top cover from the device (eight screws total).



7. Remove the two brackets on either end of the SSR top surface.

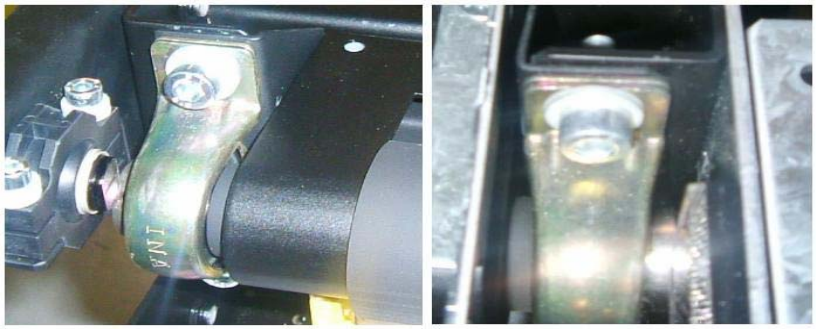



8. Loosen the moving roller assembly from the SSR unit by undoing the four screws holding the end bearings of the moving roller assembly.




9. Now carefully lift the moving roller out of the SSR unit being cautious of the motor coupler (lift out slowly on an angle).

10. Loosen the fixed roller assembly from the SSR unit by removing the four screws holding the end bearings of the roller assembly (fixed roller will still be supported by two screws).



11. Remove the two screws holding the fixed roller to the frame.
These screws are easily identified by the heavy washer used on them. Be careful as the fixed roller will be loosely supported by a small ledge inside the inner frame.



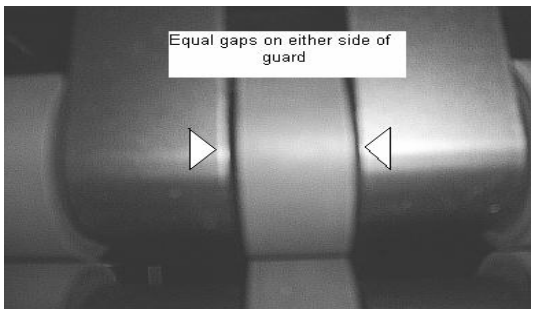
12. Install the new bearings loosely onto the end shafts of the new roller assemblies. Do not tighten the setscrews yet.

13. Install the supplied motor coupler to the new moving roller end shaft. Do not tighten the torque screw yet. Install the new plastic coupling disk to the existing motor coupler (see step 20 photo).

14. Insert the new fixed rollers into the frame and install the two screws with heavy washers to support the roller.



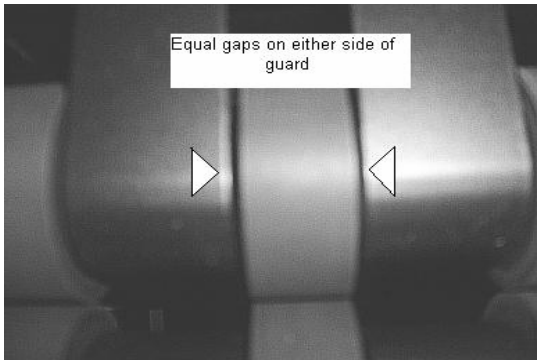
15. Now install the four screws holding the end bearings to the frame. Make sure the rubber rollers are centered, paying special attention to the metal guard covering the roller shaft.




16. Once the roller is centered, tighten the setscrews on the bearings to lock the position on the roller shaft—there are two setscrews per bearing to tighten.

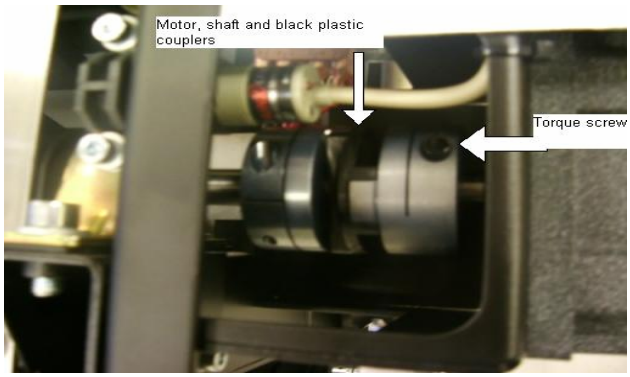
17. Install the new moving roller assembly into the SSR. Insert the coupler side in towards the motor first—pay special attention to the coupler as you insert it.

18. Install the four screws that hold the bearings to the moving roller frame. Ensure the roller is centered to the fixed roller (rubber wheels should be aligned) and that the rubber is again centered in the guard area.




19. Once the roller is centered, tighten the setscrews on the bearings to lock the position on the roller shaft. There are two setscrews per bearing.

20. Now adjust the motor coupler. The couplers should be properly aligned and fully engaged into the black plastic piece. Tighten the torque shaft screw to lock the coupler to the roller shaft.



21. Double check the coupler torque screws, all of the bearing setscrews, and the bearing retaining/mount screws to ensure they are all tight. Recheck that the rollers are centered in the guards and are not rubbing the rubber wheels.

22. Set the slip sheet roller gap. This step is crucial and must be set properly. See *Adjusting the slip sheet bin roller gap* (719-00384A) on TechPlanet (a copy should be included with the roller service kit).

23. Install the SSR black laminate top cover and the two top end brackets. Do not over tighten these screws or the laminate can break.

24. Install the SSR - see the *Visual Install Guide*. Ensure the two SSR position screws are installed to confirm the SSR alignment.

25. Connect the umbilical cable to the SSR.

26. Install the SSR drop down access panel and close all the SSR bin panels including the rolling SS bin.

27. Turn the air pressure to the device on and turn the device power to **ON**.

28. Cycle the slip sheet rollers open and closed and inspect the gaps at the ends and in the center. There should be no gaps and no excessive force on the rubber wheel.

## 2. FINAL INSPECTIONS AND TESTING

**CAUTION: When testing the SS rollers, tuck away any loose clothing or loose hair so that they do not get entangled in the rollers.**

1. Test the SS bin with a slip sheet folded over a few times and feed it through the running rollers to test if the motor breaker trips (excessive current). If it does, this indicates that you may have too much pressure on the rollers. Recheck the roller gap. The breaker is located at the back of the SSR near umbilical connection.

2. Initialize the fetcher and perform a pick sequence. Listen for any abnormal noises, for example, squealing and/or rubbing. This may indicate that the rollers are incorrectly centered and/or they are rubbing on the guards.