Kodak

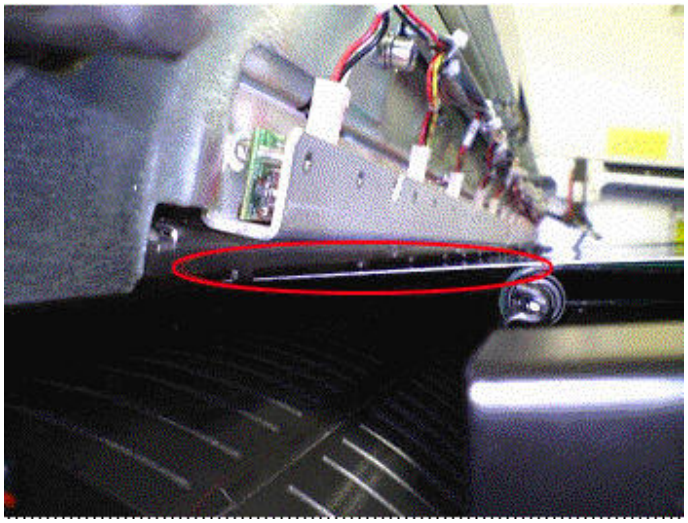
FCO 512-00415A
Preventing the Magnus 800 platesetter trailing edge clamps from scratching plates

Document number: 719-00787A Rev B

Product Kodak® Magnus™ 800 platesetter **FCO priority** Next failure

Background

During the unloading process from the drum, the plate's leading edge touches the trailing edge clamps (TEC) and the plate becomes scratched. The scratches occur because the unloading platform is positioned too high in relation to the TEC beam.



FCO Limitations

This FCO is not applicable to plates with a 0.4-mm thickness.

Kodak

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Solution

This Field Change Order (FCO) lowers the unloading platform; increases the gap between the unloading platform and the TEC beam, and thus prevents the plates from becoming scratched.

Time required One hour

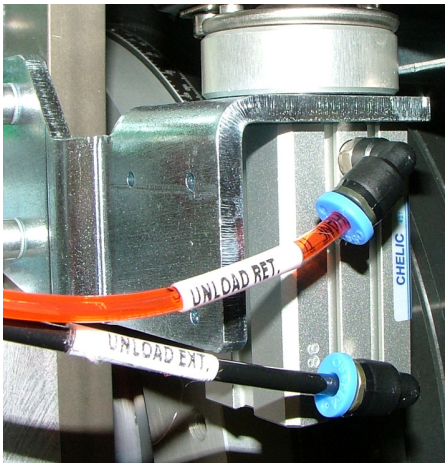
Parts required

Part Number	Part Name	Quantity
252-13160A	Spacer, unloading actuator	8
252-13172A	Fine spacer, unloading actuator	2
252-13347A	Unloading detector bracket	1
300-00309	Screw, FL SOC HD, M5*20, STST, DIN 7991	8
380A54070	SOC HD CAP STST M3-0.5x8	2
382A54000	FL. WAS. STST A2 DIN.125A M3	2
382D54000	Spring L/W STST M3	4
400-00001	Tape bright silver 25 mm	
651-00680A	FCO Updater utility CD	1
719-00787A	FCO document	1

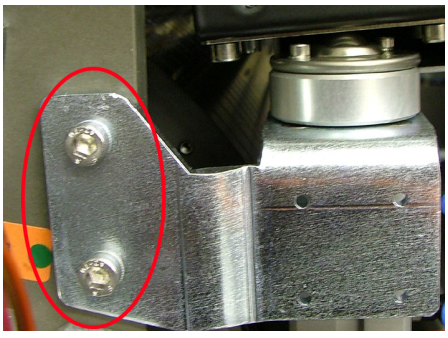
Procedure

Important: Unless stated otherwise, apply Loctite® 242 adhesive to all screw threads.

1. Raise the unloading platform.
2. Shut down the main air supply.
3. Remove the two air tubes from each of the unloading platform cylinders.

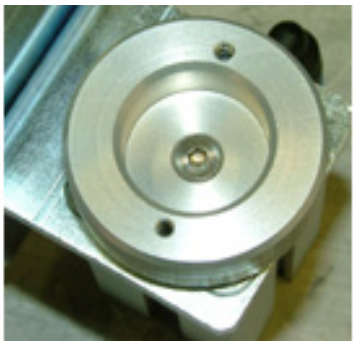


4. Remove the two screws securing each unloading platform cylinder to its associated bracket.

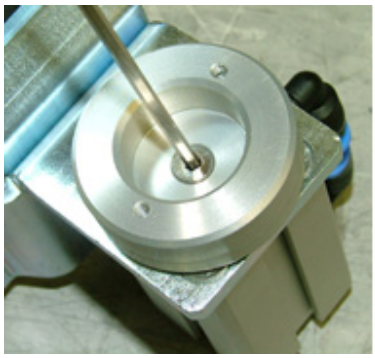
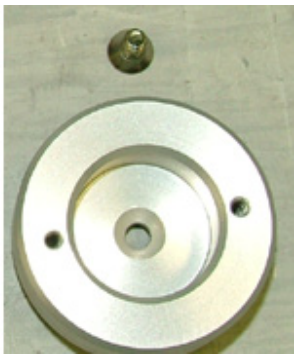


5. Dismantle the unloading platform cylinders.

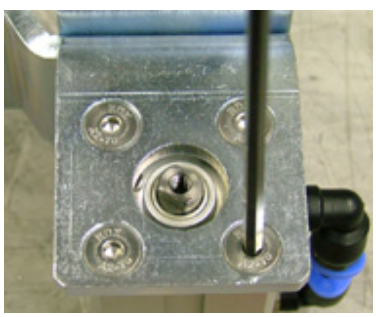
   a. Remove the two M3 screws and spring washers from the top of the unloading platform cylinder.

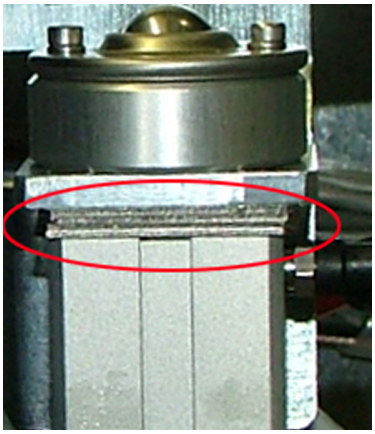

   b. Remove the M3 screw securing the top of the unloading platform cylinder.

   c. Remove the four M5 screws securing each of the unloading platform cylinders to the unloading platform cylinder brackets.
   Note: To avoid ruining any of the screws, ensure that the hex key fits tightly into the screw head.



6. Install the required amount of shims onto each unloading platform cylinder.
   - The number of shims per each cylinder must be equal.
   - Only install enough shims to ensure that the underside of the TEC beam does not scratch the surface of the plates.
7. Reinstall the four screws securing each of the unloading platform cylinders to the unloading platform cylinder brackets. See step 5c.
   Note: If you have added at least 2 mm worth of shims, replace the original four screws with the M5*20 screws (300-00309) supplied in this kit.



8. Reassemble the unloading platform cylinder.
   a. Reinstall the M3 screw securing the top of the unloading platform cylinder, see step 5b.
   b. Reinstall the two M3 screws and spring washers into the top of the unloading platform cylinder, see step 5a.

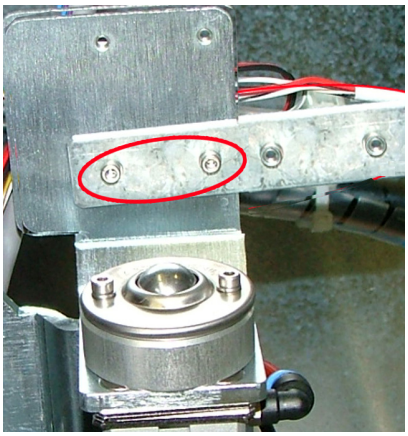
9. Two screws secure the unloading platform detector to the unloading platform cylinder—located on the left side of the platesetter.

   a. Remove the two screws and disconnect the detector.

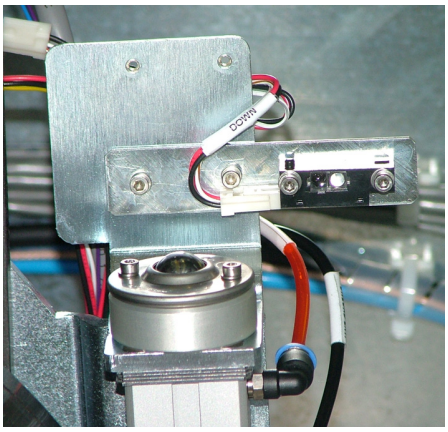


   b. Put the screws and detector in a safe place, as you will need them later on in this procedure.

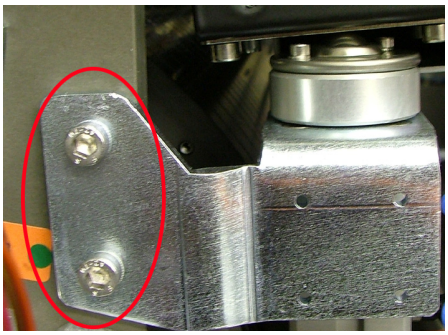
10. Use the screws (380A54070), spring washers (382D54000), and flat washers (382A54000) that are supplied in this kit to install the unloading detector bracket (252-13347A) onto the unloading platform cylinder (that was removed from the left side of the platesetter).



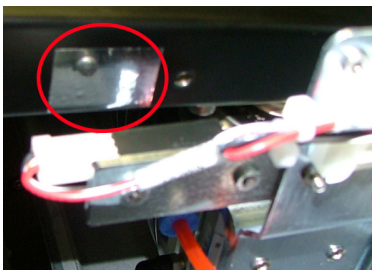
11. Use the two screws (removed in step 9) and spring washers (382D54000) to secure the detector to the unloading detector bracket.



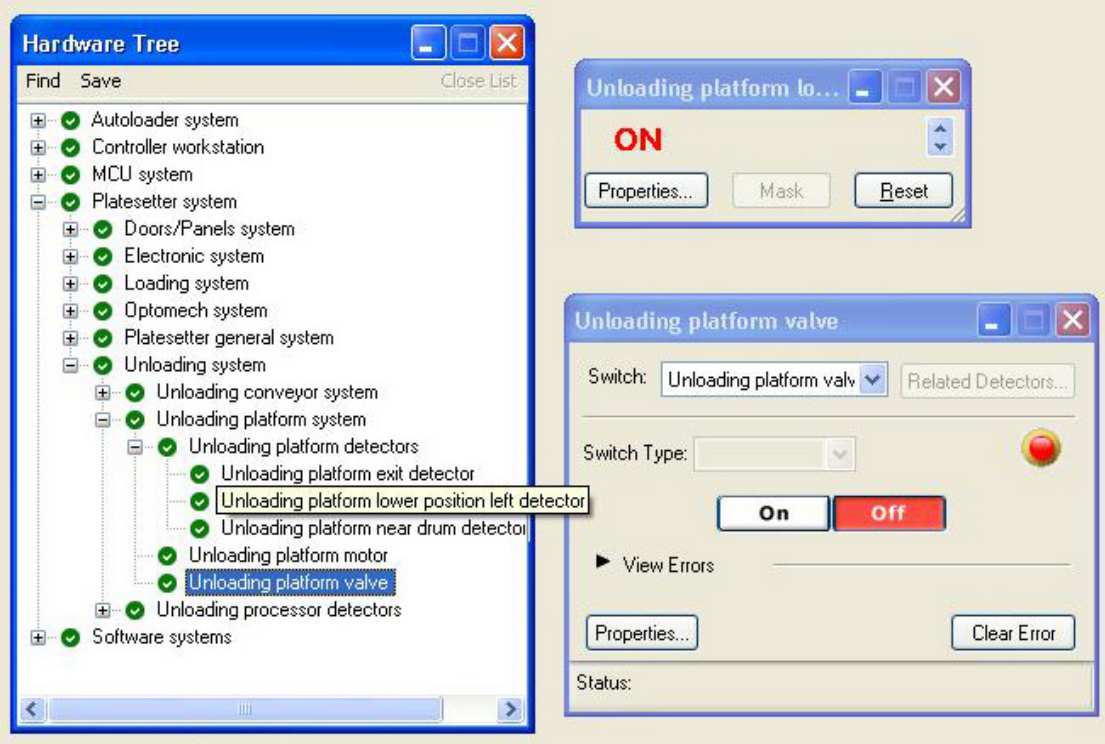
12. Secure each unloading platform cylinder to its associated bracket on the platesetter.



13. Reinsert the two air tubes into each of the unloading platform cylinders and turn on the main air supply. **Important:** Make sure you correctly insert the air tube. See step 3.
14. Affix the silver adhesive (400-00001) that is supplied in this kit, to a location directly opposite the detector's eye.



15. Manually rotate the drum and check that the static balance weights do not touch the unloading platform cylinders.
16. In the Hardware Tree, access the **unloading platform valve** and the **unloading platform lower position left detector**. Activate the valve and make sure the status of the detector changes from on to off and then back to on again.



17. Perform several unloading sequences and verify that the underside of the TEC beam does not scratch the surface of the plates.

Technical contact	Yaron Shifman
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