Kodak

FCO 512-00374A
Improving the Magnus 800 MCU User Door

Document number: 719-00717A Rev D

Product *Kodak Magnus* 800 multi-cassette unit (MCU) **FCO priority** Next visit

Machines affected *Kodak Magnus* 800 MCU, serial numbers M8M0024 – M8M0049

Background

This Field Change Order (FCO) solves the following MCU user door problems.

1. Timeout, recovery, and error messages are displayed intermittently during attempts to open MCU user door.
2. Intermittently, the user door does not open, a cassette remains inside the MCU, and no error message is displayed.

Solution

1. Upgrade the MCU user door safety switch. The upgrade enables the operator to check whether the MCU user door safety switch is experiencing a mechanical or electrical failure.
2. Install a compression spring onto the MCU user door. The compression spring enhances the door's opening mechanism.

Time required One hour

Parts required

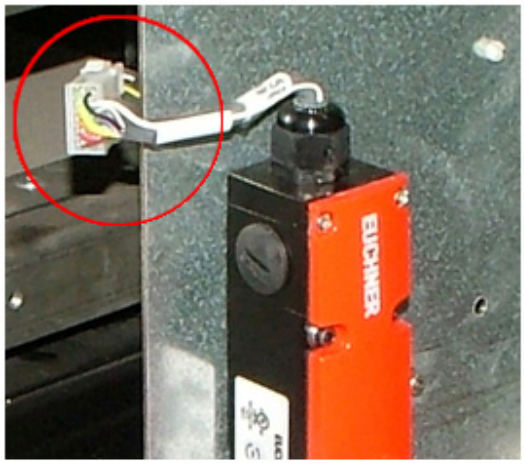
Part Number	Part Name	Quantity
	Interlock switch wiring	1
651-00612A	FCO Tracker for Magnus 800 MCU user door	1
304-00035	WASH,FLAT,M12,ST,ZN PL,DIN 125A	2
318-00153	RING,RET,EXT,SH D=12,ST,PLT,DIN 471	2
318-00161	SPRNG,COMPR,OD=.6",WD=.045",L=2.5",MW	2
366-00083	BRNG,CLIP,IGLIDE,ID=12,OD=13.6,B=5.6	4
500-03374A	Assembly, mech, spring axles, user door	2
719-00717A Rev C	FCO document	1

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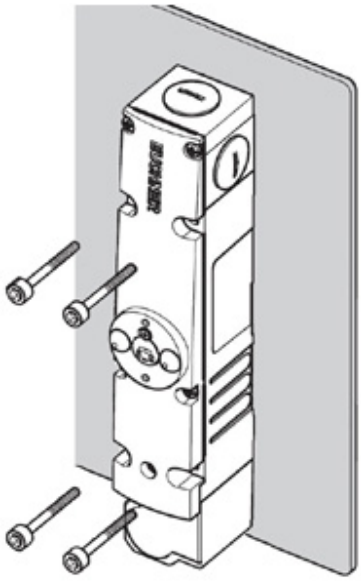
Procedure

- Steps 1 to 8 of this procedure are only applicable to MCUs that have serial numbers from M8M0024 to M8M0030 (inclusive).
- Steps 9 to 12 of this procedure are applicable to MCUs that have a serial number ranging from M8M0024 to M8M0049 (inclusive).

1. Turn off the platesetter and disconnect the power leading to both the MCU and the platesetter.
2. Remove the MCU upper-front service panel.
3. Remove the *Euchner* safety switch from the MCU.

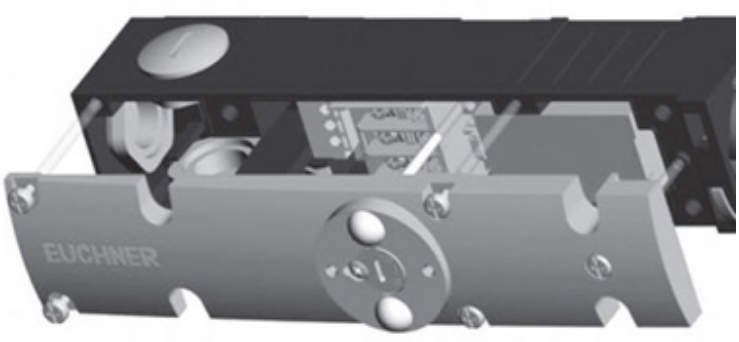


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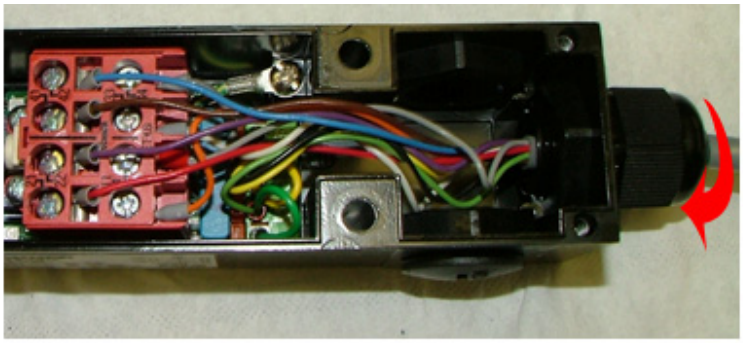
4. Dismantle the *Euchner* safety switch.



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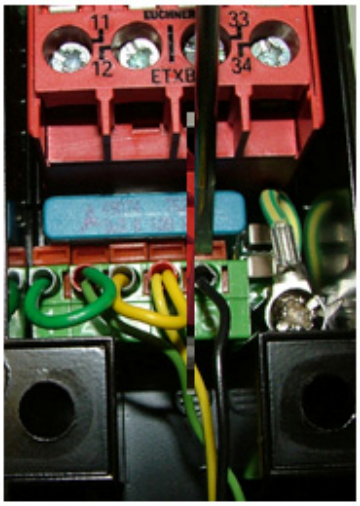
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E



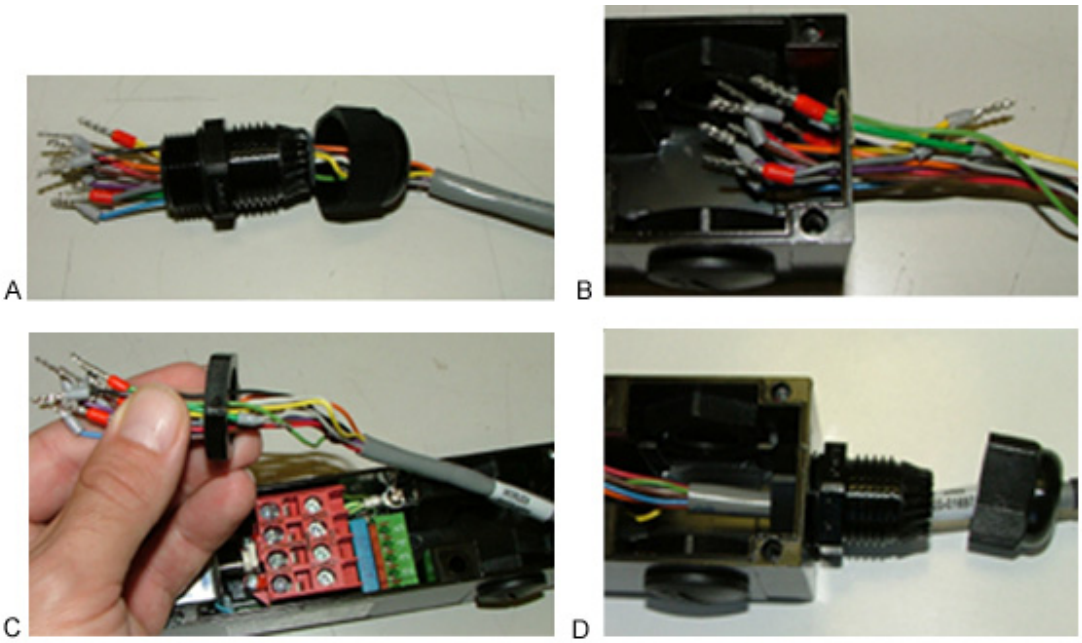
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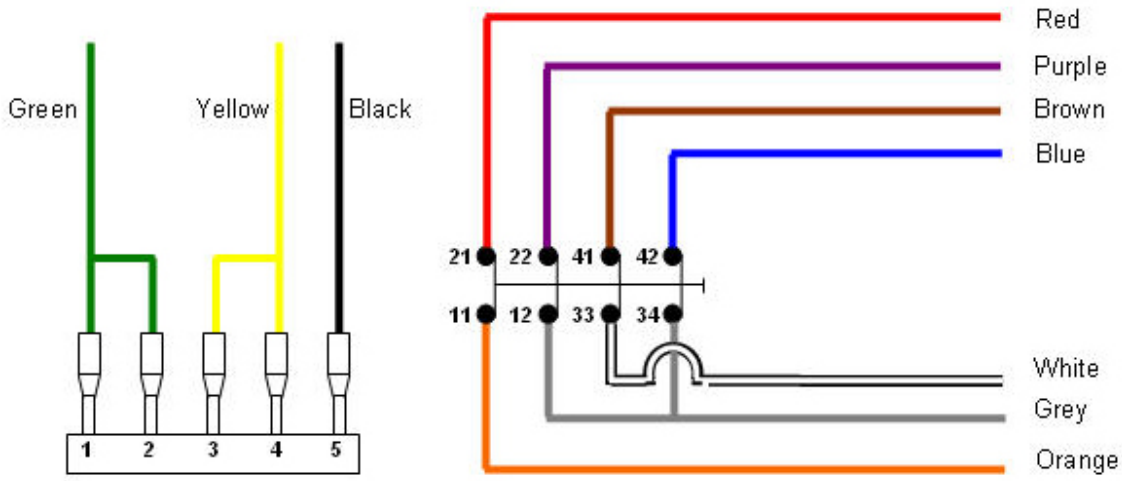
5. Install the new wire harness onto the *Euchner* safety switch.



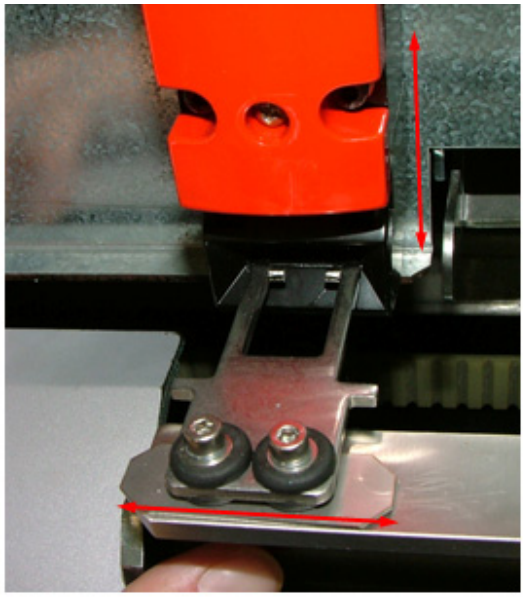
6. Connect the new wire harness to the *Euchner* safety switch terminals.

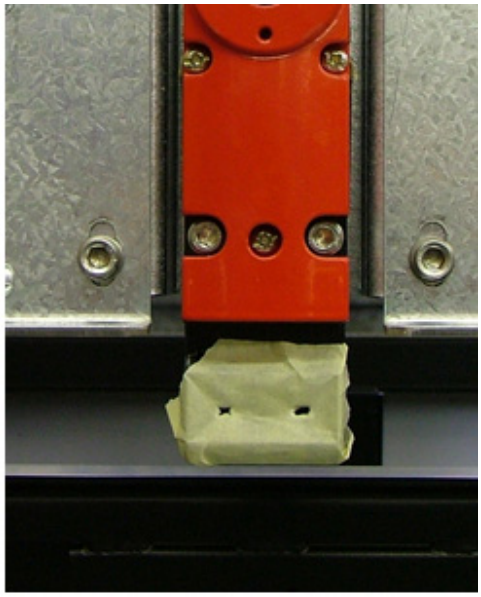
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7. Reassemble the *Euchner* safety switch and reinstall it back onto the MCU.
8. Use masking tape to make sure the safety switch key (located on the user door), is centrally aligned with the *Euchner* safety switch.
   - If required, adjust the vertical alignment by repositioning the safety switch.
   - If required, adjust the horizontal alignment by repositioning the safety switch key.

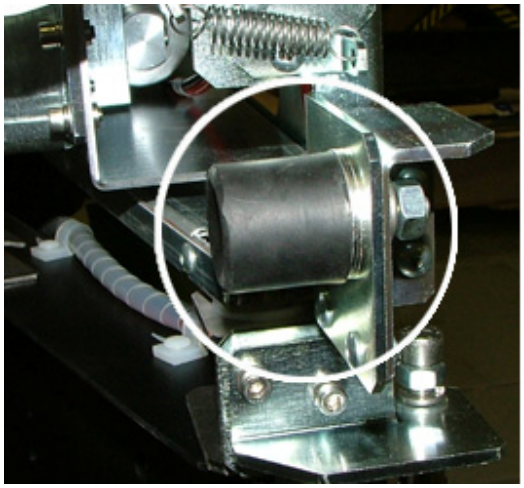
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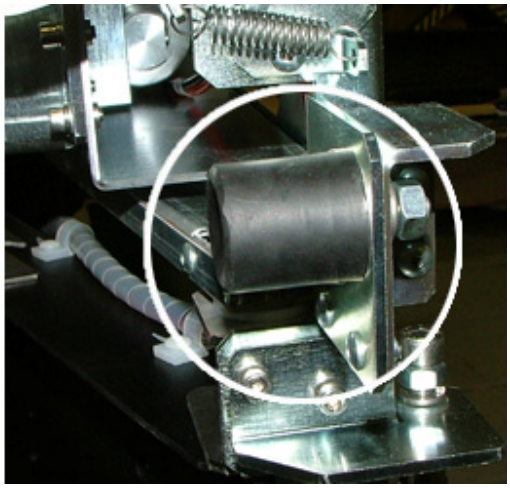
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If the MCU has a serial number from M8M0024 to M8M0049 (inclusive), begin this FCO at step 9.

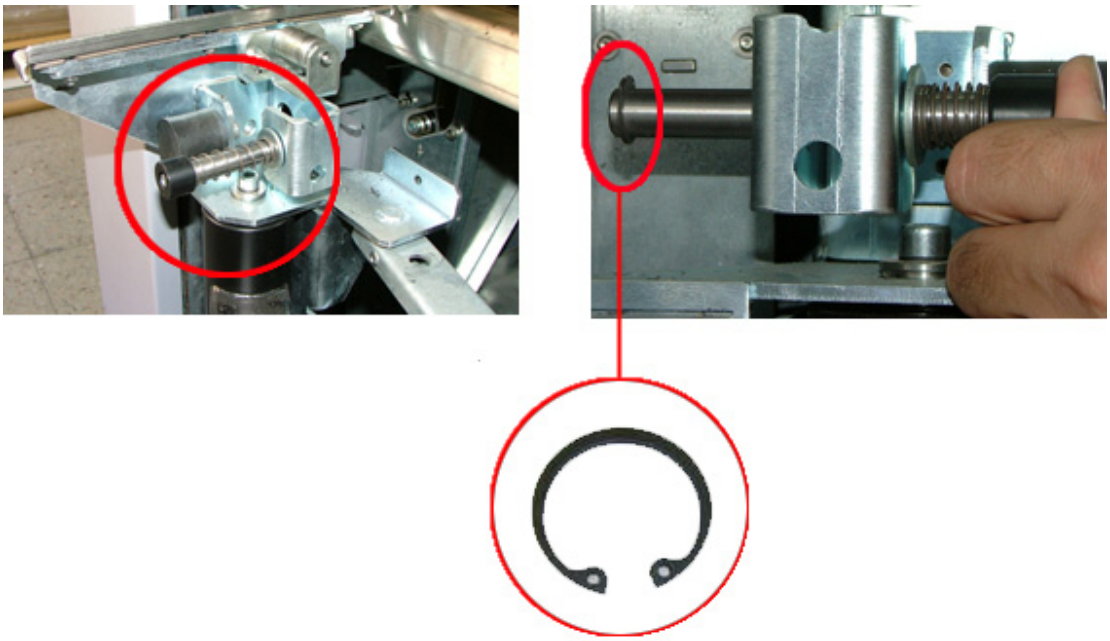
9. Make sure that both the platesetter and the MCU are turned off.
10. Manually open the MCU user door.
11. Located on either side of the user door are two black rubber stoppers and shims.
    a. Remove the stoppers and their shims.
    b. Reinstall the stoppers without their shims.
    c. When the user door is closed, make sure that there is only minimal contact between the stoppers and the user door. There should not be too much pressure placed upon the stoppers, but they must at least touch the MCU chassis.





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12. Install two compression spring assemblies onto either side of the MCU door. Secure the assemblies with C-clips.



FRU after FCO implementation	220-01697A
See also	How to check if the MCU user door safety switch is experiencing a mechanical or electrical failure
Technical contact	Nir Peleg
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