Kodak

FCO 512-00449A

Replacing the loading platform safety cables on Magnus 800 platesetters

Document number: 709-00873A Rev B

Release date: 09 September 2007

Product:

Kodak® Magnus™ 800 platesetters with serial numbers ranging between M80001 – M80300

FCO priority: Next failure

Time required: ½ hour

Prerequisite FCOs:

Component: Loading platfrom safety cable

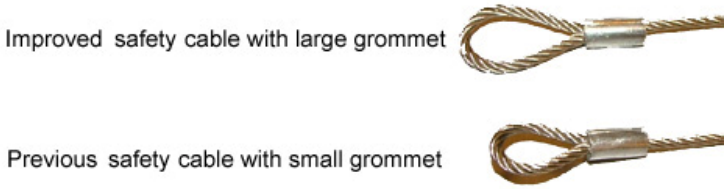


Background

There are two safety cables located on either side of the loading platform. When the loading platform is in the *drum position*, friction is created between the safety cables and the loading platform actuator brackets. After approximately 30,000 loading cycles, the friction causes the safety cables to snap.

Solution

Replace the existing safety cables with improved safety cables. The improved safety cables have larger grommets than their predecessors, leading to a reduction in friction between the safety cables and the loading platform actuator brackets.



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Parts required

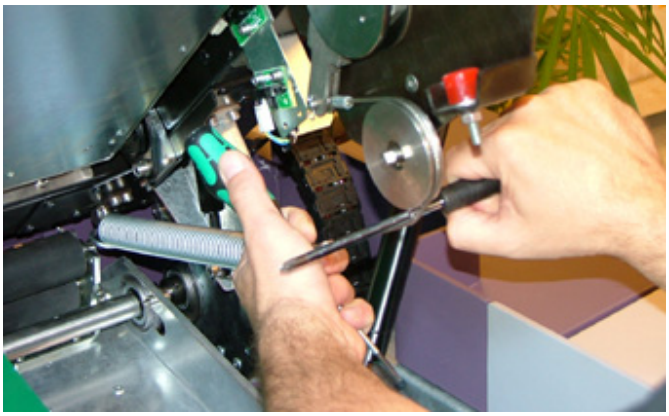
Part Number	Part Name	Quantity
252-06913B	Safety cable	2
252-09709A	Bushing	2
385U511001	Hitch pin	2
651-00789A	FCO Updater Utility for FCO 512-00449A	1
709-00873A	FCO document	1

Procedure

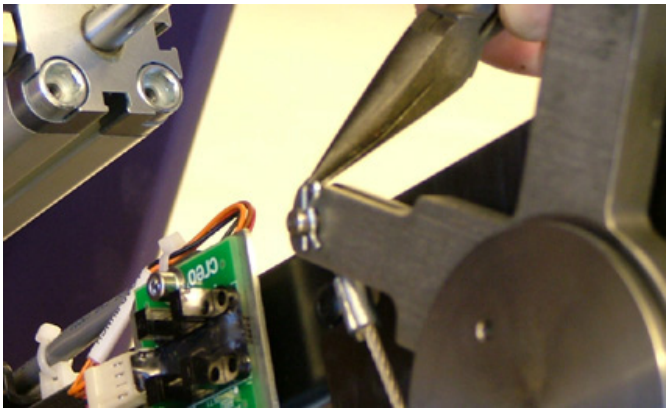
Remove the existing safety cables

Complete the following steps for each safety cable.

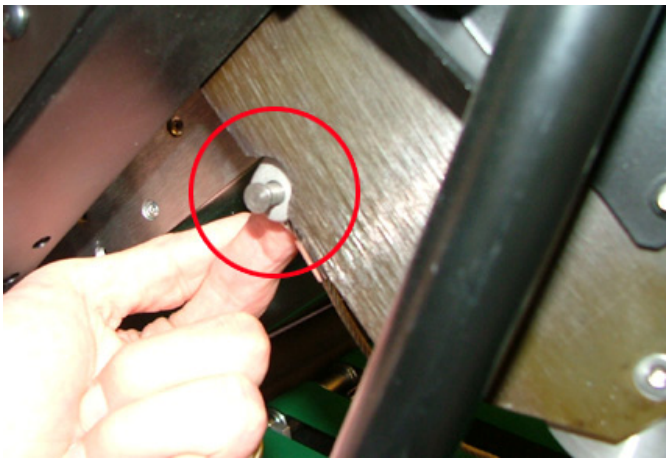
1. From the Magnus 800 Controller software, raise the platesetter hood and the platesetter loading platform.
2. Shut down the platesetter.
3. Insert a screwdriver through the end of the loading platform spring. Pull the screwdriver towards you until the spring extends enough for the safety cable to be dismounted from its groove on the bracket wheel. At this stage the safety cable is still attached to the spring.



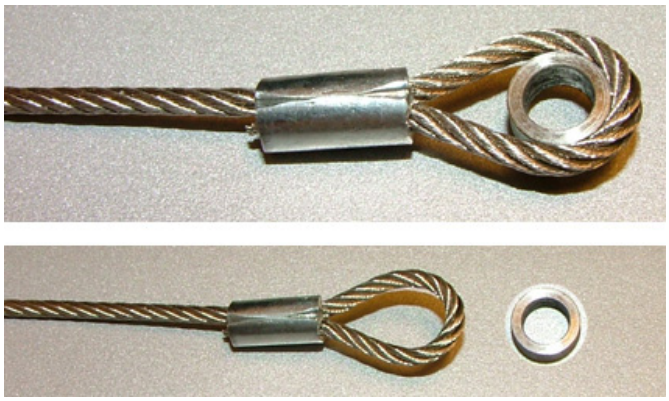
4. Turn off the air pressure leading to the platesetter.
5. Use a pair of pliers to remove the safety cable pin located on the loading platform actuator bracket.



6. Manually lower the loading platform until you are able to remove the safety cable pin and the safety cable.



- When the safety cable is removed, the loading platform spring is dislodged from its U-hook.
- Make sure the bushing, located inside the safety cable grommet, does not fall inside the platesetter.



7. Remove the loading platform spring from the platesetter.

Install the improved safety cables

Complete the following steps for each safety cable

1. The improved safety cable (part number 252-06913B) has two grommets. One of the grommets is slightly larger than the other grommet. Thread the small grommet end of the safety cable through the loading platform spring.

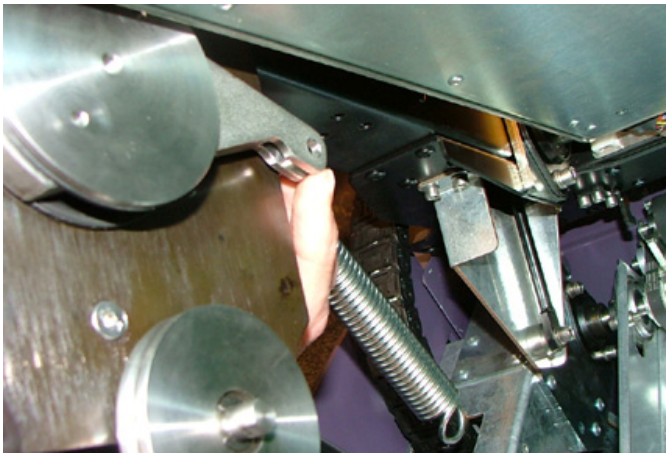




2. Insert the supplied bushing (part number 252-09709A) into the large grommet.



3. Manually lower the loading platform until you are able to insert the safety cable pin through the hole on the loading platform actuator bracket. Make sure the pin head is positioned on the outer side of the bracket.



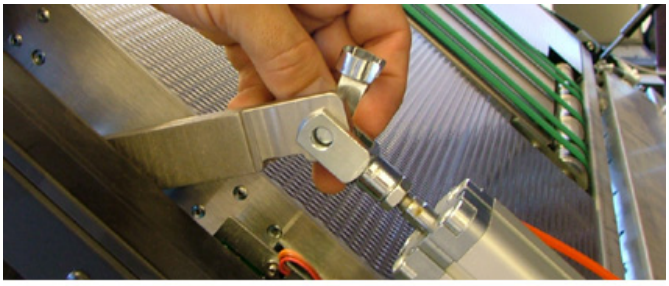


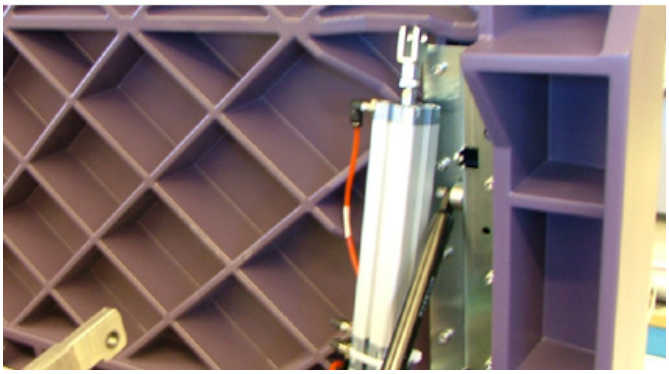
4. Turn on the air pressure leading to the platesetter. The air pressure causes the loading platform to rise.

5. Use the safety cable pin (part number 385U511001) to secure the safety cable to the loading platform actuator bracket.

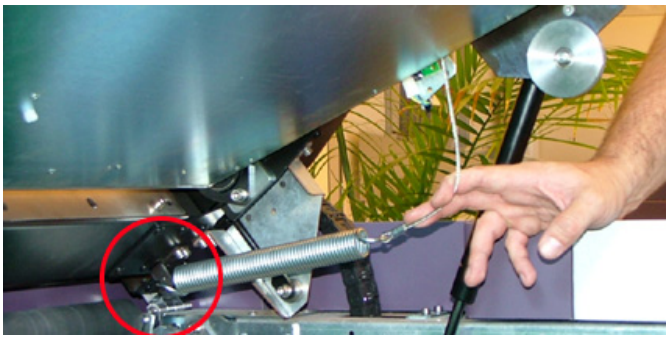


6. Release the loading platform actuator arm from the actuator by extracting the loading platform actuator locking pin.

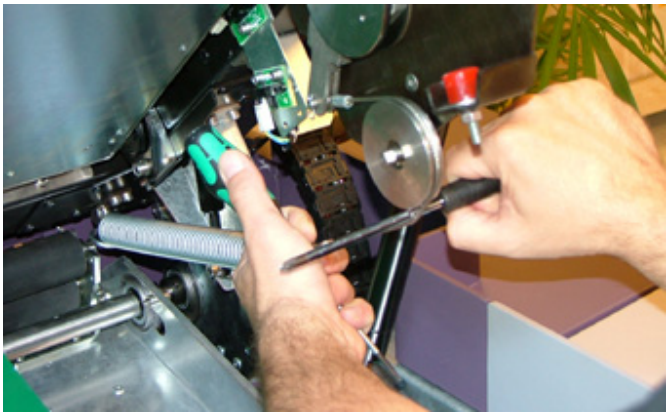




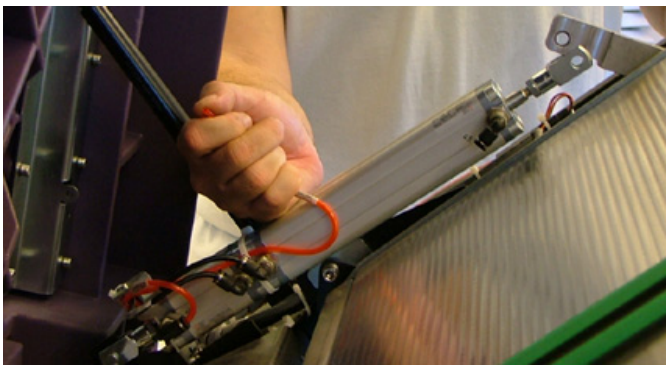
7. Install the loading platform spring onto its U-hook.



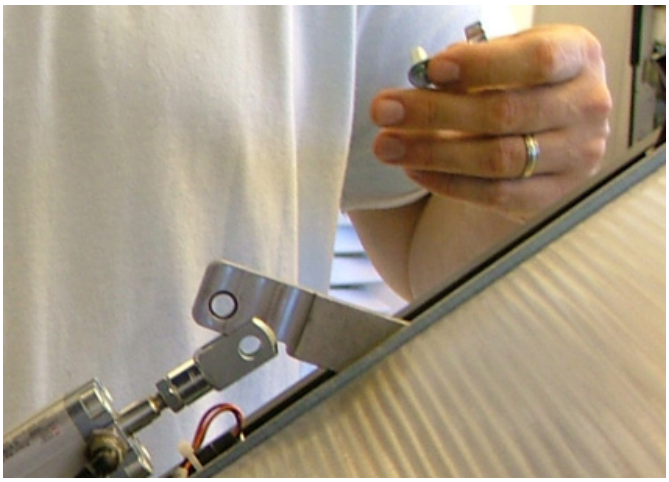
8. Insert a screwdriver through the end of the loading platform spring. Pull the screwdriver towards you until the spring extends enough for the safety cable to be mounted in its groove on the bracket wheel.



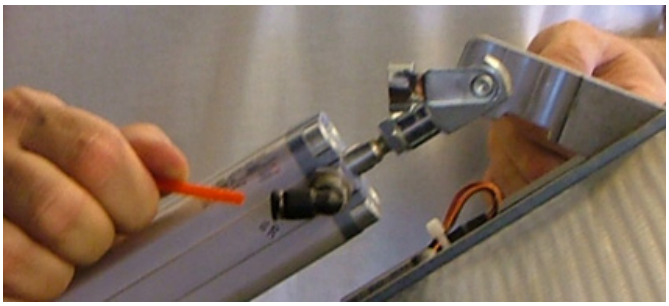
9. Remove the air tube connected to the loading platform actuator. This enables you to insert the loading platform actuator locking pin more easily.



10. Reinstall the loading platform actuator locking pin.



11. Reconnect the air tube to the loading platform actuator.



12. Lower the loading platform and the platesetter hood.
13. Turn on the platesetter.
14. Perform several loading cycles.

Technical contact	Nir Peleg
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