Kodak

Automatic Pallet Loader

E-Stop Pull Cord Safety Upgrade

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Revision History

Revision	Date	Author	Comments
1	12 Jun 2008	S.Damiano	First draft
2	17 Jun 2008	A.Blignaut	Edited and formatted for release

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CONTENTS

Revision History i

1. Overview 1

2. Parts/tools 1

3. Adding in the E-Stop Pull Cord Spring: 1

1. OVERVIEW

This upgrade involves adding in a spring to the APL E-stop pull cord. With the current E-stop pull cord, if the operator pulls the cord horizontally towards the switch then it does not trigger the switch. To solve this, a spring is added so that when the operator pulls towards the switch the spring stretches and the line becomes slack and the switch is activated.

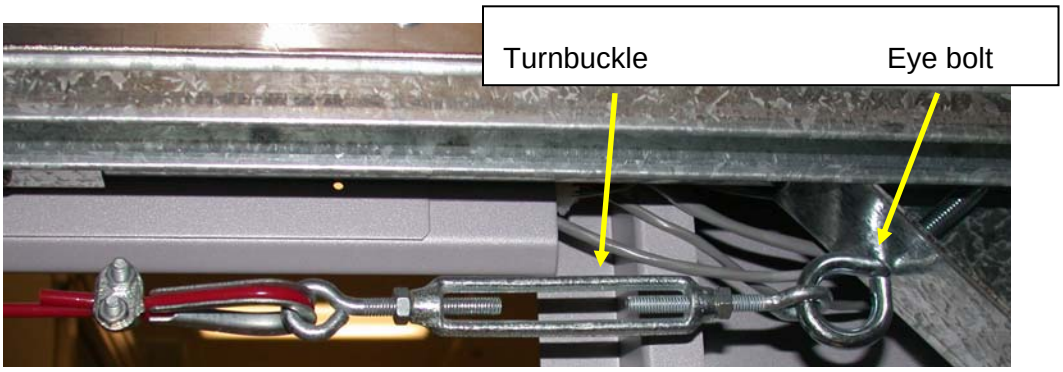
The upgrade procedure is identical for the switches located at the front and rear of the machine.

2. PARTS/TOOLS

Upgrade Kit – 512-00523A

3. ADDING IN THE E-STOP PULL CORD SPRING:

1. Unlock and open the APL doors. Type `>>apl unlock .`
2. Unscrew the large eye bolt from the APL frame.



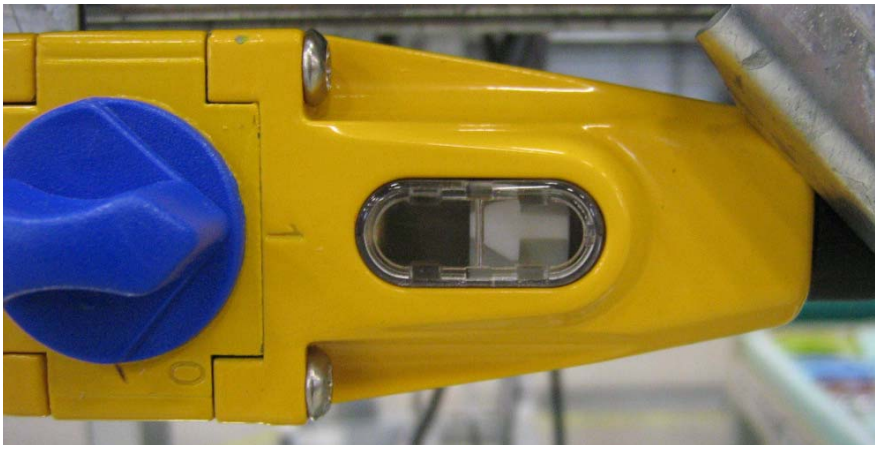
3. Remove the turnbuckle from the eye bolt.
4. Attach assembly 500-07711A to the turnbuckle and to the eye bolt and reattach the eye bolt to the frame.



5. Loosen the two nuts on the pull cord's clamping thimble and tighten the pull cord until it is horizontal. Tighten the same two nuts.



6. Using the viewing window on the E-stop pull cord switch (located at other end of the frame), tighten the turnbuckle until the arrow head lines up with the vertical line. Tighten the turnbuckle nuts.



7. Trim the excess red pull cord at the turnbuckle.
8. Test the switch to ensure proper operation in the following 3 ways:
   a) Pull the cord down vertically,
   b) Pull the cord horizontally towards the switch,
   c) Pull the cord horizontally away from the switch.
9. Repeat the procedure for the other E-stop pull cord.