



PARTEK SKI LIFTS
482 Newport Bridge Road
Pine Island, NY 10969
845-258-4552 845-258-4537 (fax)
800-626-4165 (toll free)
E-mail: hagen@partekskilifts.com
Website: www.partekskilifts.com

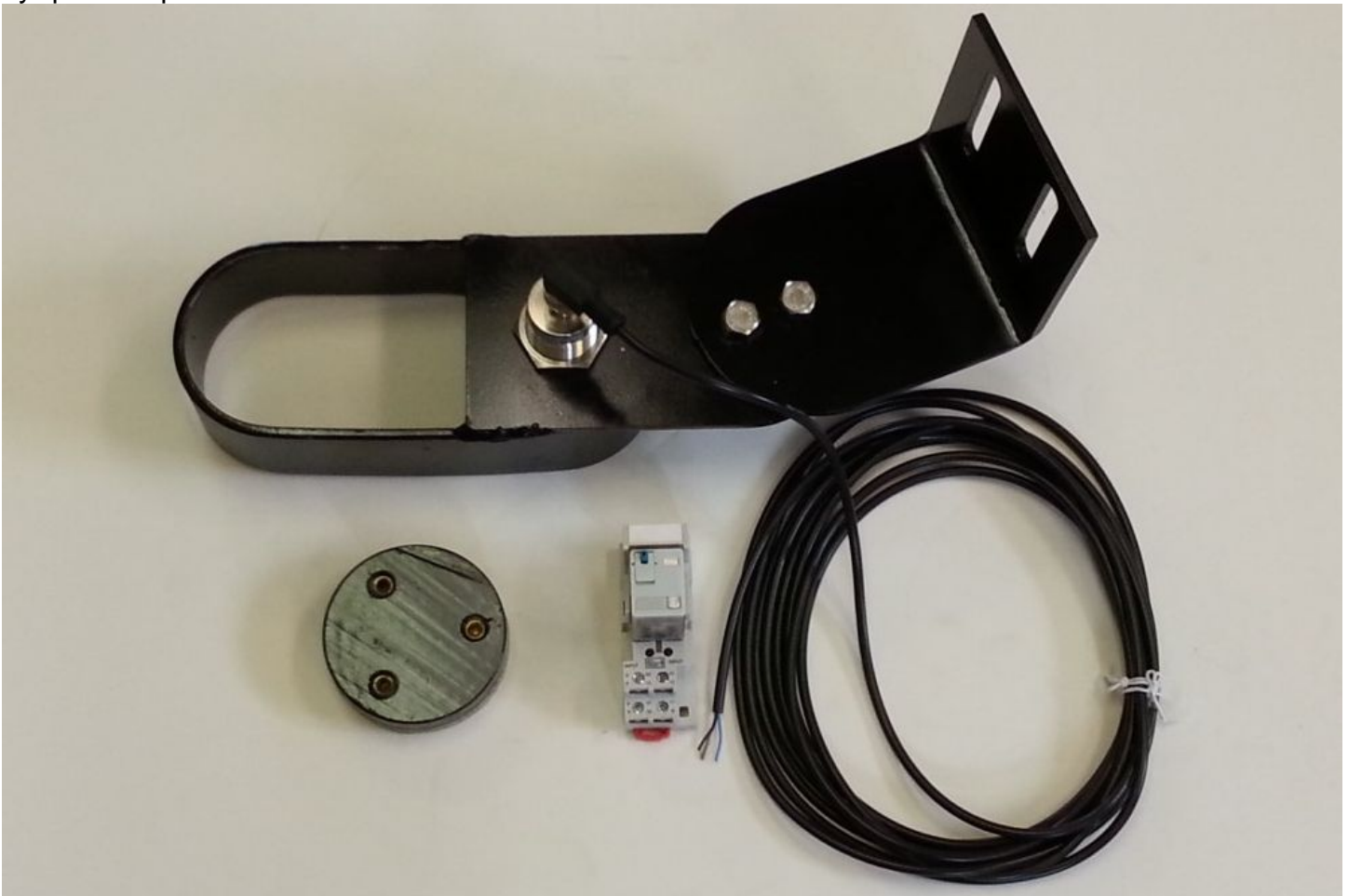
June 13, 2015

BULLETIN NUMBER 04-061315

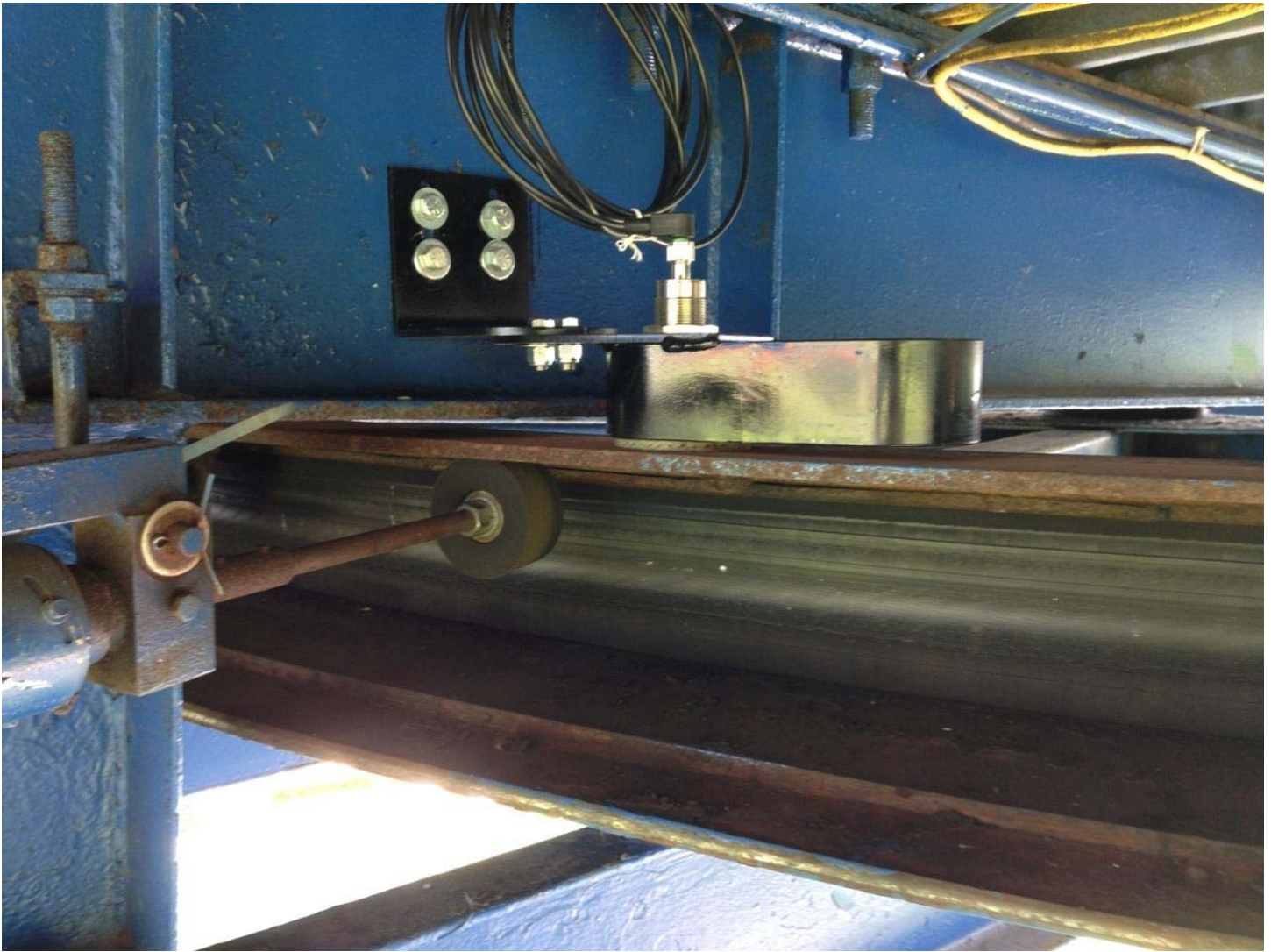
- ACTION IS REQUIRED -

SUBJECT: ROLLBACK DETECTION

Partek has developed an easily fitted system to enhance safety on **Borvig** lifts. This system is designed to detect a roll back within 3 inches of reverse rotation. A relay is supplied that will remove power from the bull wheel backstop solenoid and initiate an emergency stop in the lift control circuit. This enhancement is required for all Borvig lifts that do not currently have such a system in place. A wiring schematic will be provided with each kit and must be installed, wired and tested for functionality by qualified personnel.



Roll Back Detection Parts Kit, \$600.00 USD



Roll Back Detection Kit Mounted on Borvig Lift

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The only enhancement required for Partek lifts is the addition of the relay to remove power from the bull wheel backstop solenoid if a roll back is detected or an emergency stop is initiated. Partek lifts are already fitted with a roll back sensor system and braking systems that automatically apply if an emergency stop occurs or roll back is detected. A relay and wiring schematic will be provided which can be installed in the brake cabinet. It must be installed, wired and tested for functionality by a competent individual. **The cost for this kit is \$100.00.**

AFFECTED LIFTS

The lifts affected by this bulletin include Borvig and Partek lifts as well as lifts that have been retrofitted with Borvig or Partek bull wheel back stops. Partek will not enhance or modify braking or backstop systems that were not supplied by Partek or Borvig that are in use on either Borvig or Partek lifts. Partek will not accept responsibility nor state that lifts modified with systems provided by others are compliant with this requirement. Lifts with less than 100 vertical feet are exempt as there is not enough vertical to cause a roll back. Please contact Partek to determine if your lift is exempt. Lifts must comply with this bulletin by December 1, 2015.

INTENT

The intent of this bulletin is to enhance the systems currently in place on Borvig and Partek lifts by adding redundancy. Roll back detection is required in the current code for all new and relocated lifts. After consultation with industry engineers and insurers, we feel it is prudent to mandate that this be standard on all Borvig lifts and at a minimum that an emergency stop is initiated and power be removed from the bull wheel backstop as many Borvig lifts do not have emergency brake(s) that apply when control power is lost and rely on a mechanical linkage to apply the emergency brake(s) in the event of a roll back. New braking systems for both the emergency brake(s) and drum type service brakes are available and will be offered under separate cover. A new system for under speed and over speed detection that eliminates rotating shafts, wheels, and couplings is also available and will be offered under separate cover. This system includes the required relay for removing power from the back stop solenoid.

Dissemination of Information

All owner/operators of lifts affected by this bulletin are required to inform any authorities having jurisdiction over such matters.

This bulletin consists of three pages. If you have not received all three pages, please contact us immediately.

Hagen Schulz
President