



**STATE OF WISCONSIN**  
Department of Safety and Professional Services

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**Honeywell Residential (Elevator) Door Interlocks which may require cam replacement or entire switch replacement.**

**Date:** 12-12-2016

**Background**

In February of 2014, Honeywell issued a “Safety Notice” and subsequent follow up notice in April of that same year. The safety notice alerted customers that, “...we have been made aware of instances in which excessive pull force has been applied to the Affected Products, resulting in a plastic cam failure which can pose a potential safety risk to the end user. Under normal operating conditions, the Affected Products do not pose a safety risk. We are taking this action out of an abundance of caution.” Honeywell continues to offer free replacements on affected interlocks.

The most likely place for these is on a Part V (residential) elevator installed in commercial applications. Inspectors are advised to look for them on periodic and acceptance inspections.

- **This is what the Interlock looks like; if the interlock is an RDI model and has the black plastic cam; it needs to be replaced with a metal (gray) one.**



- **The location of the model number is illustrated here on the end of the interlock. If the interlock model number is RDI2 iteration, the entire switch must be replaced.**

**IDENTIFICATION OF RDI SERIES SWITCHES APPLICABLE TO THIS CAM REPLACEMENT**

To determine if the plastic cam should be replaced or if the entire switch should be replaced with a new unit:

Review the catalog listing and date code found on the end of the product (as illustrated here).

For RDI Series Switches – Check to see if the product is listed in Table 1. If the product is listed you have the option to have a cam replacement performed per these instructions or to contact Honeywell Customer Care in order to obtain a new replacement product.



- Determine if the cam or switch should be replaced (subject to the table below).

<b>Table 1.1 (RDI) - Field Rework or Factory Replacement Options Available</b>		
<u>Catalog Listing</u>	<u>New Catalog Listing</u>	<u>Date Code That Should Be Returned</u>
RDI-A-L	RDI-A-L	0937 to 1317
RDI-A-R	RDI-A-R	0937 to 1317
RDI-C-L	RDI-C-L	0815 and later
RDI-C-R	RDI-C-R	0815 and later
RDI-C-L1	RDI-C-L1	all date codes
RDI-C-R1	RDI-C-R1	all date codes
RDI-G-L	RDI-G-L	all date codes
RDI-G-R	RDI-G-R	all date codes
RDI-G-L1	RDI-G-L1	all date codes
RDI-G-R1	RDI-G-R1	all date codes
RDI-D-L	RDI-D-L	all date codes
RDI-D-R	RDI-D-R	all date codes
RDI-D-L1	RDI-D-L1	all date codes
RDI-D-R1	RDI-D-R1	all date codes
RDI-G-LP1	RDI-G-LP1	all date codes
RDI-G-RP1	RDI-G-RP1	all date codes
RDI-G-L5B	RDI-G-L5B	all date codes
RDI-G-R5B	RDI-G-R5B	all date codes
<b>Table 1.2 (RDI2) - Factory Replacement Option Available - No Field Rework Available</b>		
<u>Catalog Listing</u>	<u>New Catalog Listing</u>	<u>Date Code That Should Be Returned</u>
RDI2LBP1	RDI-H-LP	all date codes
RDI2LBP1-TK	RDI-H-LP	all date codes
RDI2LBP2	RDI-H-L5P	all date codes
RDI2LBP2-1	RDI-H-L5P1	all date codes
RDI2LBP2-TK	RDI-H-L5P	all date codes
RDI2LBS1	RDI-H-L	all date codes
RDI2LBS2	RDI-H-L5	all date codes
RDI2RBP1	RDI-H-RP	all date codes
RDI2RBP1-TK	RDI-H-RP	all date codes
RDI2RBP2	RDI-H-R5P	all date codes
RDI2RBP2-1	RDI-H-R5P1	all date codes
RDI2RBP2-TK	RDI-H-R5P	all date codes
RDI2RBS1	RDI-H-R	all date codes
RDI2RBS2	RDI-H-R5	all date codes

- Provide the following phone number and or email information to the concerned party for Honeywell replacement parts center. The deadline for free replacements has technically passed, however, Honeywell is still making accommodations on a case by case basis.

Phone: 815-232-2121, ext. 221  
 E-mail: Jill.mckenna@m45.com

<http://sensing.honeywell.com/>