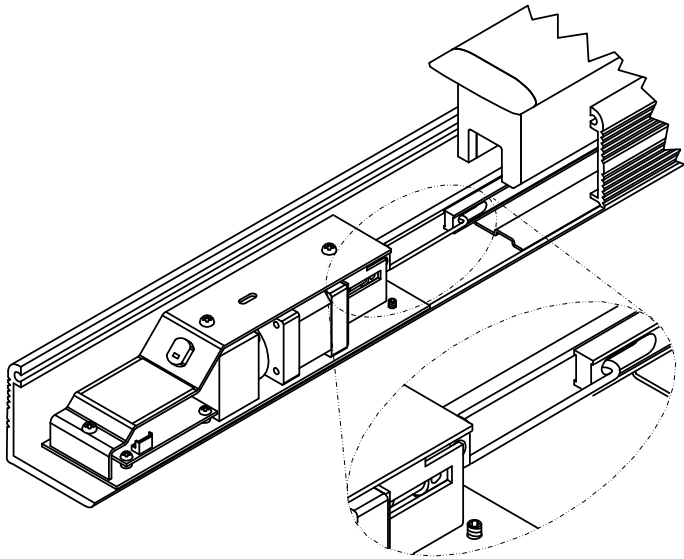


# SDC Security Door Controls

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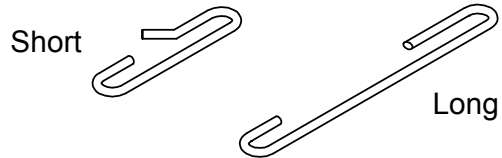
## INSTALLATION INSTRUCTIONS LR100K2K-EM ELECTRIC LATCH RETRACTION DEVICE KIT MODELS: QED111, QED114 & QED124



**ELECTRICAL DATA**  
 24VDC @ 700/200mA  
 RED (+)      BLK (-)  
 PATENT PENDING

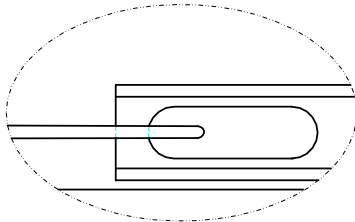
### Step 1

Slide the Electric Latch Retraction assembly into device and attach the linkage to the latch retraction rod (short linkage for standard, long linkage for 4' device).

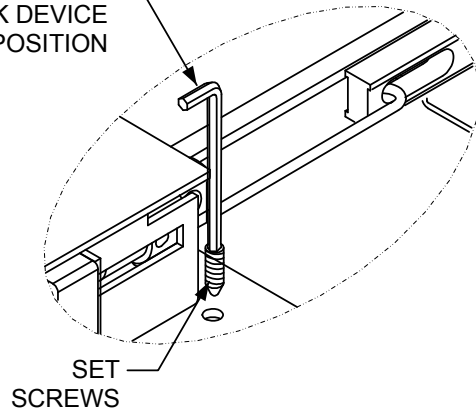


### Step 2

Carefully slide the assembly back out until the linkage JUST makes contact with the latch retraction rod. Tighten set screws.



TIGHTEN SET  
 SCREWS TO  
 LOCK DEVICE  
 IN POSITION



### **NOTE Retro-Fitting Vertical Rod Devices:**

Before retro-fitting an electric latch assembly into a vertical device, the following must be done to ensure proper alignment. Disconnect the vertical rods from the device. Install the electric latch assembly as shown above. Once the ELR is properly installed energize it so that the push pad is dogged down, by doing so it will allow for proper alignment for the vertical rods. Finally reconnect the vertical rods to the device and make the proper adjustments.

Any suggestions or comments to this instruction or product are welcome. Please contact us through our website or email [engineer@sdsecurity.com](mailto:engineer@sdsecurity.com)

# INSTALLATION INSTRUCTIONS LR100-EM EXTERNAL ELECTRIC LATCH RETRACTION DEVICE CIRCUIT BOARD

