LBM22/98 SWITCH KIT (FIRE-RATED)
INSTALLATION INSTRUCTIONS

The LBM22/98 is a Field Installable Latch Bolt Monitoring
for Cal-Royal 22/98 Series Door Exit Devices.
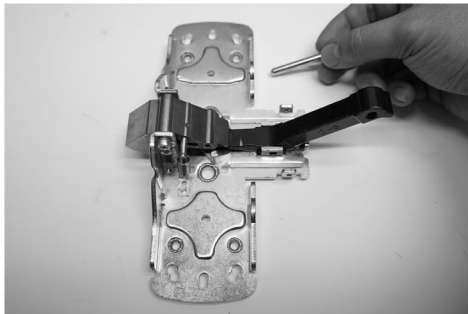
A.

B.

C.

D.

KIT INCLUSIONS

A. New LX Switch w/ Mounting Bracket
B. Label Sticker
C. Cable Tie Mount
D. Cable Tie
E. Self-tapping Mounting screws (2)
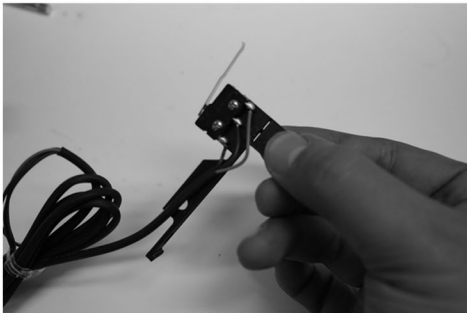
SPECIFICATIONS

SWITCH: RATED AT 0.5A @24V AC/DC
GREEN - COMMON (C)
BLUE - NORMAL OPEN (NO)
GRAY - NORMAL CLOSED (NC)

TOOLS REQUIRED

Philips Screw Driver

1. Prepare your Exit Device head by
   removing the pin from the latch arm.
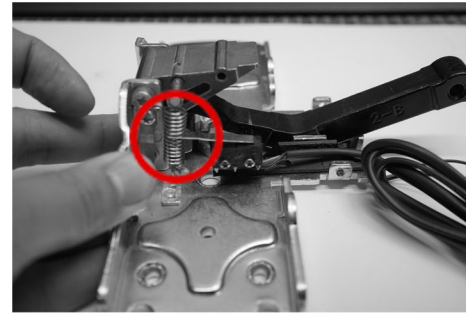   (*as shown in the image*)

2. Grab the LBM22/98 Switch and check if the
   switch is installed on the outside of the
   bracket. Locate the "Snap-off" feature of the LBM22/98.
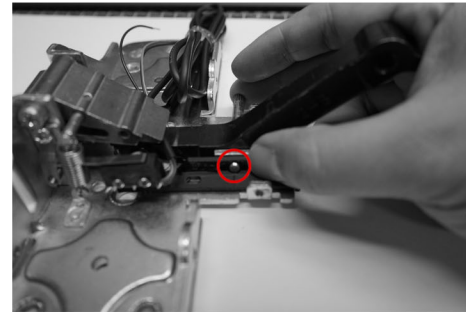   (*as shown in the image*)

3. Snap it off from the LBM22/98 Switch bracket,
   this will convert the switch to be Fire-Rated
   compatible. (*as shown in the image*)

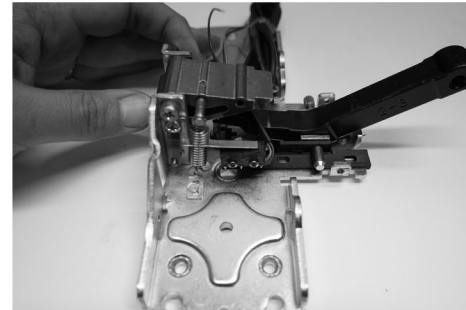# LBM22/98 SWITCH KIT (FIRE-RATED)
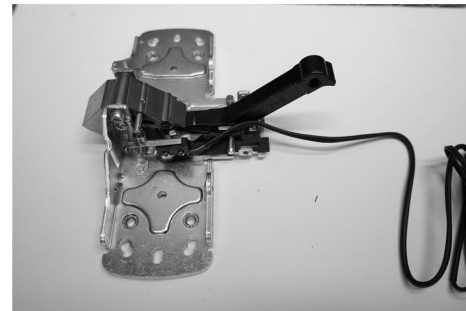## INSTALLATION INSTRUCTIONS

4. Hold open the Exit Device latch and insert
   the LBM22/98 Switch trigger arm in between
   the spring and release the latch.
   (*as shown in the image*)

5. Align the pin hole with the LBM22/98 Switch
   bracket and re-insert the pin to secure.
   (*as shown in the image*)

6. Ensure that the LBM22/98 Switch is properly
   functioning by pressing the Exit Device
   latch and check as the switch is triggered.
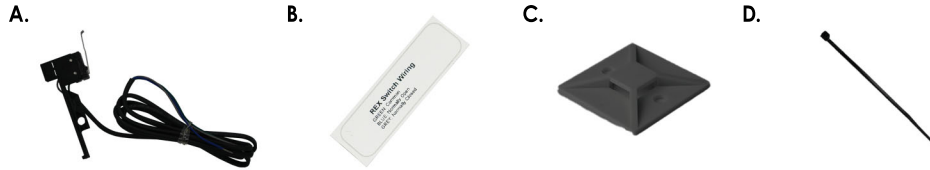   (*as shown in the image*)

7. Untangle the LBM22/98 Switch wire and pass
   it through the Exit Device body.

   Use the wire mount and cable tie
   provided for wire management.
   (*as shown in the image*)

CAL-ROYAL
PRODUCTS, INC.
USA

LBM22/98 SWITCH KIT (NON-FIRE)

INSTALLATION INSTRUCTIONS

The LBM22/98 is a Field Installable Latch Bolt Monitoring for Cal-Royal 22/98 Series Door Exit Devices.
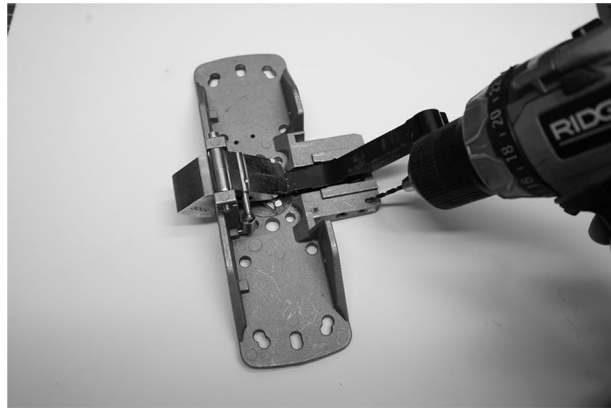
A.

B.

C.

D.

KIT INCLUSIONS

A. New LX Switch w/ Mounting Bracket
B. Label Sticker
C. Cable Tie Mount
D. Cable Tie
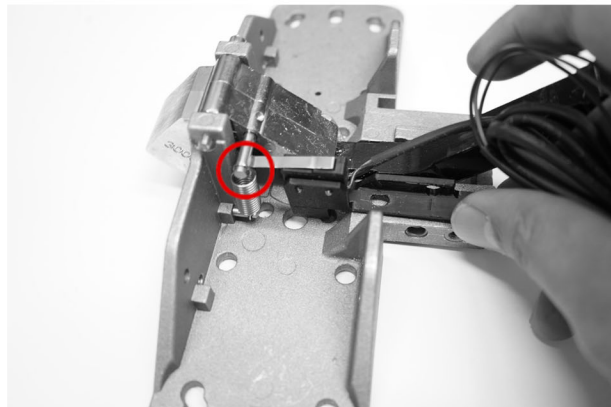E. Self-tapping Mounting screws (2)

SPECIFICATIONS

SWITCH: RATED AT 0.5A @24V AC/DC
GREEN - COMMON (C)
BLUE - NORMAL OPEN (NO)
GRAY - NORMAL CLOSED (NC)
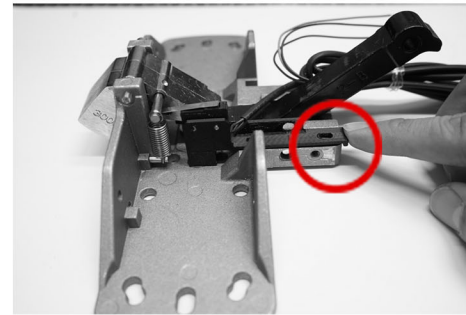
TOOLS REQUIRED

Philips Screw Driver

1. Prepare your Exit Device head by drilling (2) 3mm holes thru the head base. Use the LBM22/98 Switch as guide template for location.
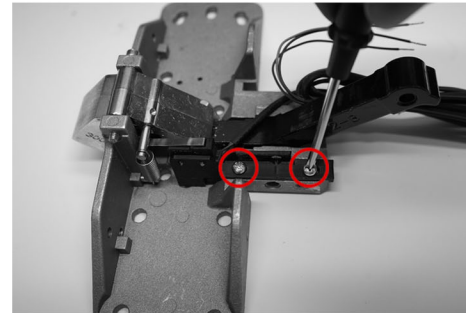(*as shown in the image*)

2. Grab the LBM22/98, check if the switch installed at the inside of the bracket and slowly lay it on top of the Exit Device head, make sure switch is triggered.
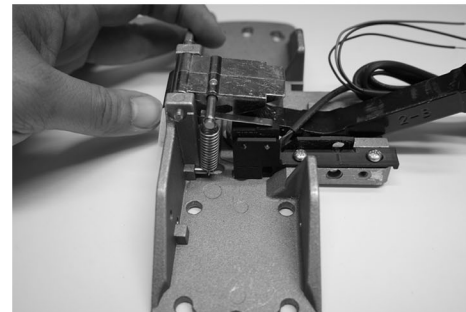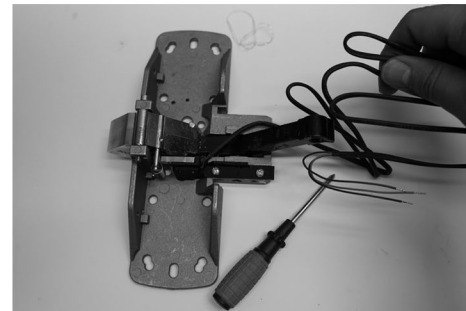(*as shown in the image*)

---

3. Push the back of the LBM22/98 Switch for proper position and alignment.
(*as shown in the image*)

4. Secure the LBM22/98 Switch by fastening it with the (2) Self-tapping Mounting screws provided.
(*as shown in the image*)

5. Ensure that the LBM22/98 Switch is properly functioning by pressing the Exit Device latch and check as the switch is triggered.
(*as shown in the image*)

6. Untangle the LBM22/98 Switch wire and pass it through the Exit Device body.

Use the wire mount and cable tie provided for wire management.
(*as shown in the image*)

CAL-ROYAL PRODUCTS, INC. USA