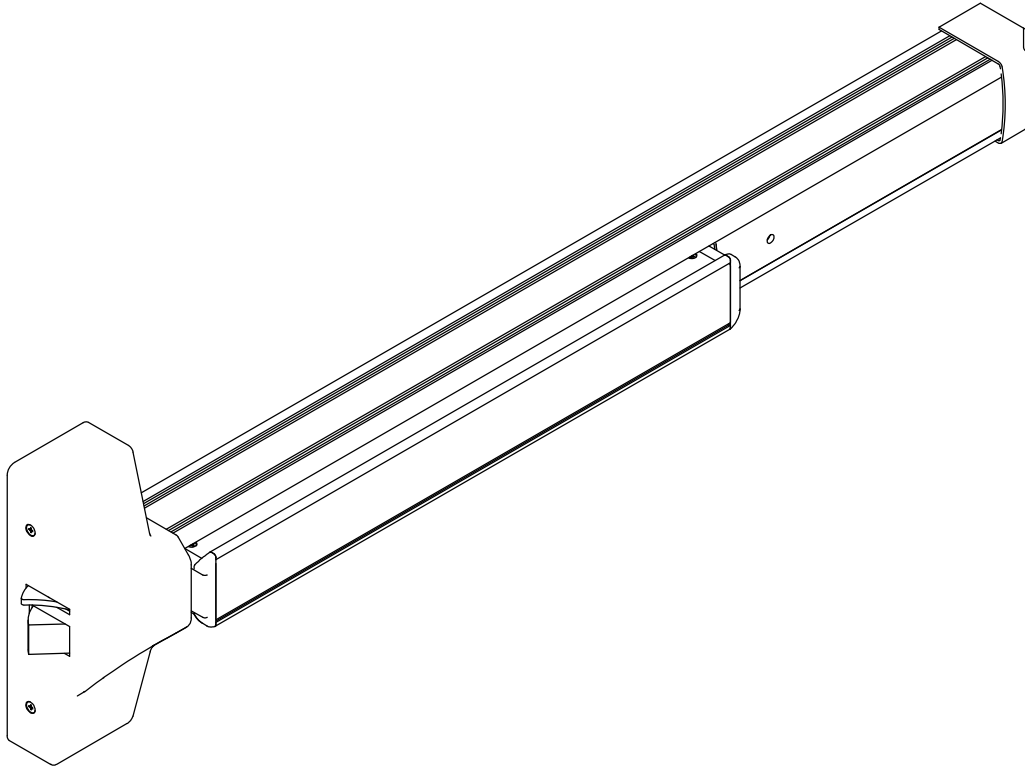




INSTALLATION INSTRUCTIONS

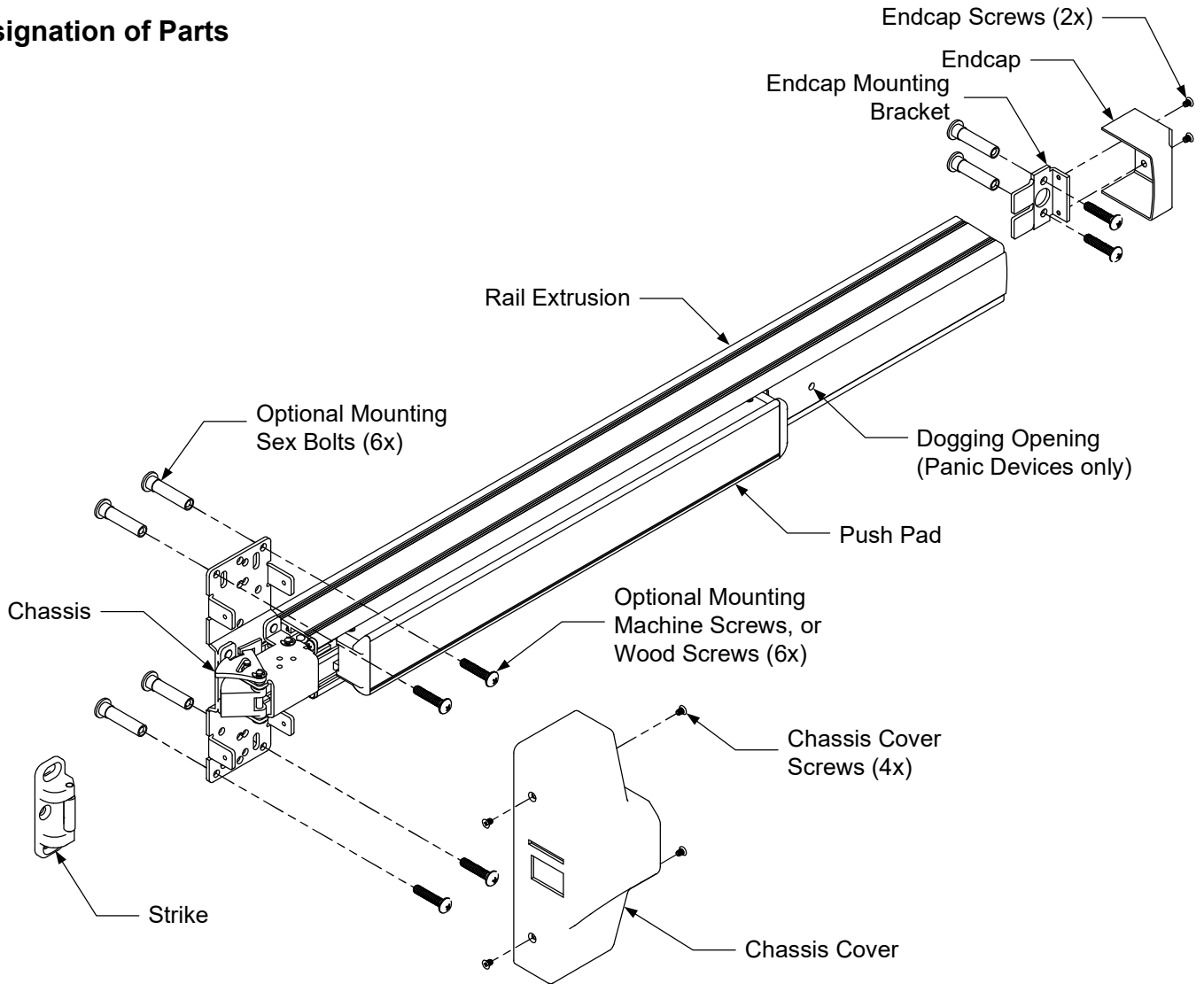
S6100 SERIES REVERSIBLE PANIC / FIRE EXIT RIM DEVICE



These instructions are presented a in step by step sequence.

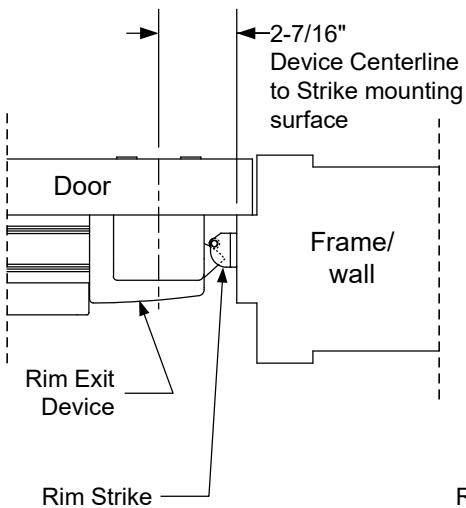
Please read the entire instruction before installation.

Designation of Parts

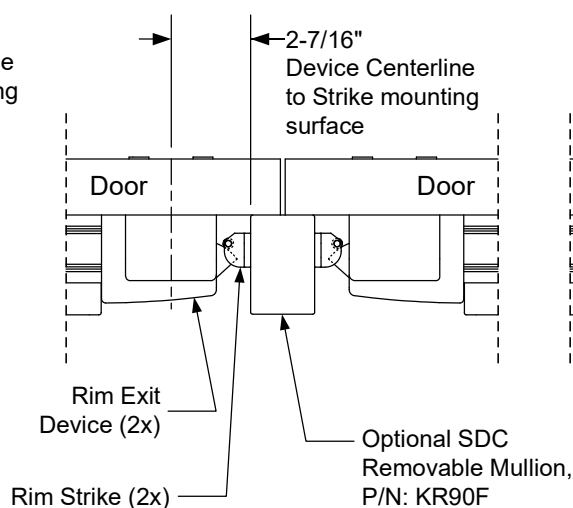


Type of Installation

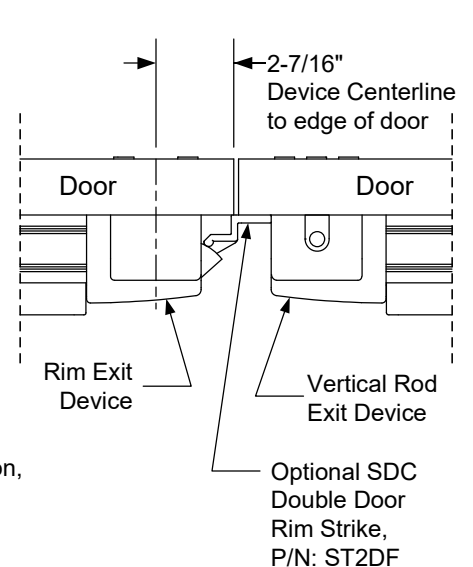
1. Single Door



2. Double Door with Mullion

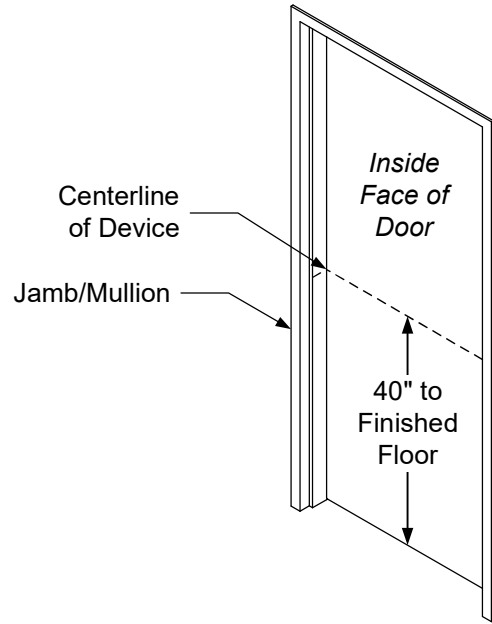
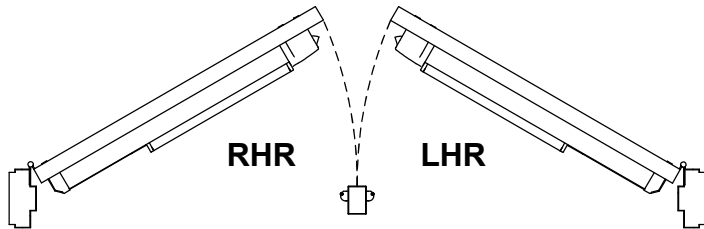


3. Double Door without Mullion



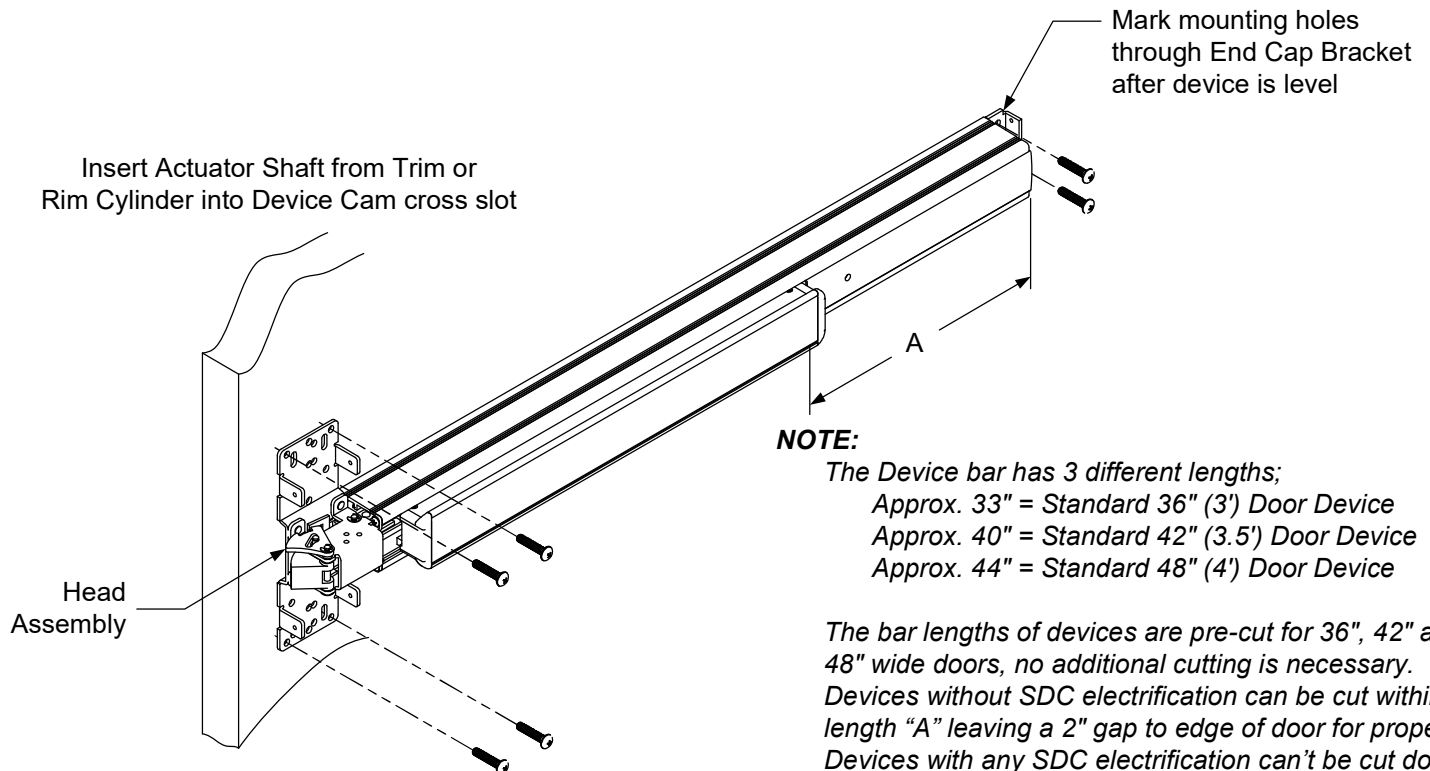
Prep Door and Frame for Installation

1. Draw a line across the door and frame stop 40" above the finished floor to mark the horizontal center line of the exit device.
2. Mark door and jamb for your specific device and prep door per supplied Template.
3. Drill holes as marked on door and jamb.



Device Chassis Installation

1. If installing on custom size door, refer to note on this page to cut Exit Device to proper length.
2. Remove Chassis Cover.
3. Fasten chassis to door using the correlating method of securing (Sexbolts, trim, and or screws, etc)
4. If present, make sure Cylinder Tailpiece or Trim Actuator Shaft can insert into Device Cam properly.
5. Insert End Cap Bracket into tail-end of device, then fasten to door.
6. Verify that all screws and or bolts are securely tightened





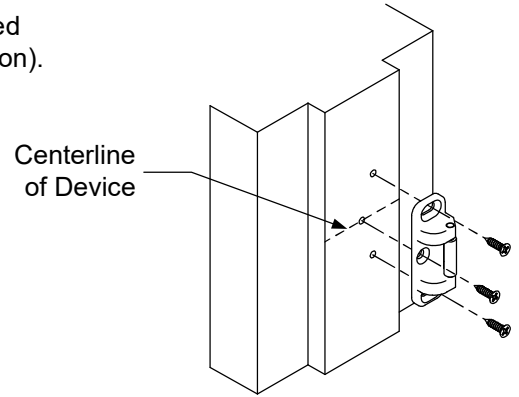
Strike Installation

1. Attach Strike to the jamb/mullion with the supplied screws.
2. If installing on a Double Door without a mullion, a Double Door Strike (SDC P/N: ST2DF) must be used in place of the regular strike provided (see Dimensional Reference supplied with ST2DF for mounting position).

* Trim Installation

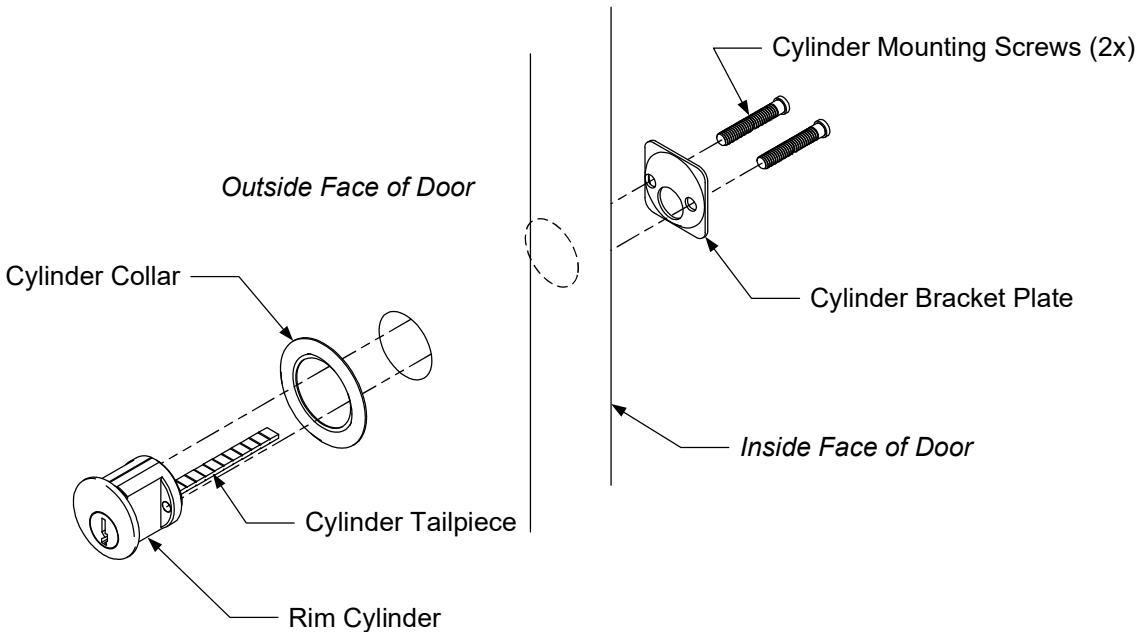
Refer to the correlating trim installation and prep

- 01 – Exit only (No Trim Prep)
- 02 – Dummy Trim Prep
- 03 – Nightlatch Trim Prep
- 08 – Classroom Trim Prep
- 14 – Passage Trim Prep



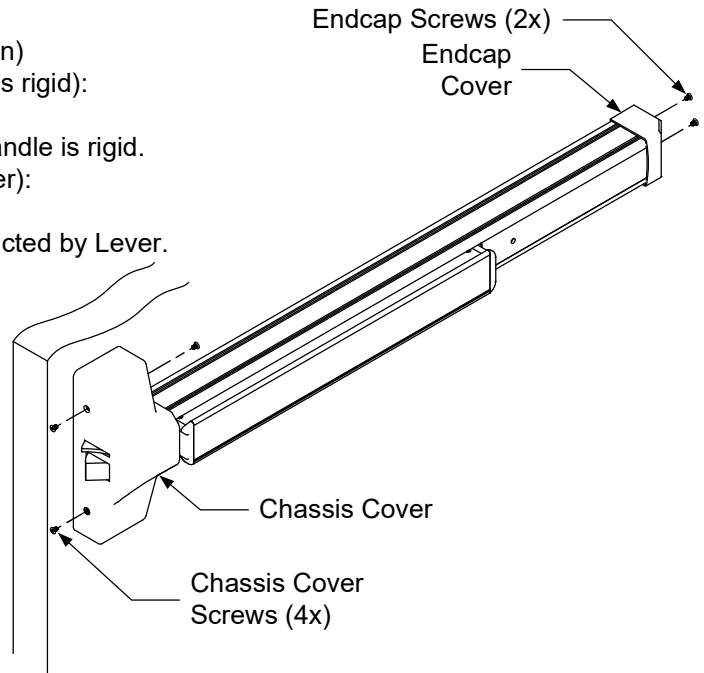
Optional Rim Cylinder Installation (01 Function Exit Only)

1. Drill one 1-1/2" diameter thru hole for the Rim Cylinder and Cylinder Bracket Plate.
2. Insert Rim Cylinder and Cylinder Collar from outside of door.
3. Place Cylinder Bracket Plate on inside of face of the door with indented side facing the Rim Cylinder.
4. Cut the Cylinder Mounting Screws and Cylinder Tailpiece to the required door thickness at break-off points.
5. Insert the two Cylinder Mounting Screws through the Cylinder Bracket Plate and into the Rim Cylinder, making sure the Cylinder Tailpiece is horizontal. Tighten screws.



Test Operation and Install Covers

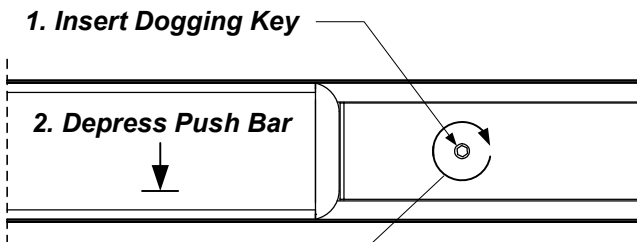
1. Test Push Pad & Trim operation depending on model function before installing covers:
 - a. 01 Function Exit Only:
 - *Inside:* Latch bolt is retracted by Push Pad.
 - *Outside:* Optional Rim Cylinder / No lever or trim.
 - b. 02 Function Dummy Trim:
 - *Inside:* Latch bolt is retracted by Push Pad.
 - *Outside:* Pull lever or handle (No cylinder option)
 - c. 03 Function Night Latch (Key retracts lever / Lever is rigid):
 - *Inside:* Latch bolt is retracted by Push Pad.
 - *Outside:* Latch bolt is retracted by Key lever handle is rigid.
 - d. 08 Function Classroom (Key Locks or Unlocks Lever):
 - *Inside:* Latch bolt is retracted by Push Pad.
 - *Outside:* Key unlocks Lever, Latch bolt is retracted by Lever.
 - e. 14 Function Passage (Lever retracts Latch bolt):
 - *Inside:* Latch bolt is retracted by Push Pad.
 - *Outside:* Latch bolt retracted by Lever.
2. Test Dogging Function (Panic Devices only):
See dogging description and chart below.
3. Verify Latch engagement with Strike.
4. Install Chassis Cover.
5. Install End Cap Cover.



Mechanical Dogging Operation (Panic Devices only)

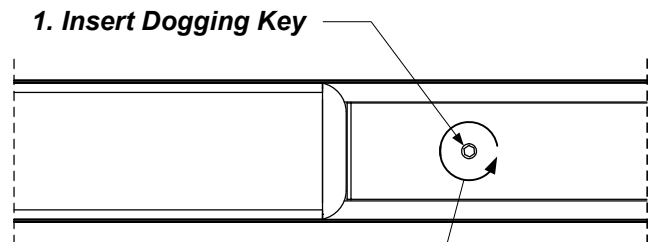
To increase the life of this device, dog device during high traffic periods of the day. See diagram below to operate Mechanical Dogging function.

Engage Dogging:



3. **Rotate clockwise.**
Push bar will remain depressed and latch will remain retracted.

Release Dogging:

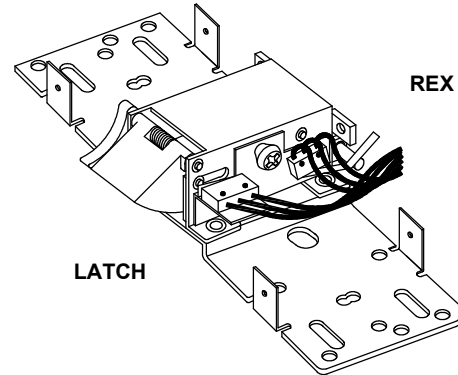


2. **Rotate counter-clockwise.**
Push bar will return to the up position and the latch will project to lock the door.

Optional Monitoring

- R** REX (Request-To-Exit)
 - Red (N/O)
 - Green (N/C)
 - White (COM)

- L** Latch Status
 - Brown (N/O)
 - Blue (N/C)
 - Black (COM)

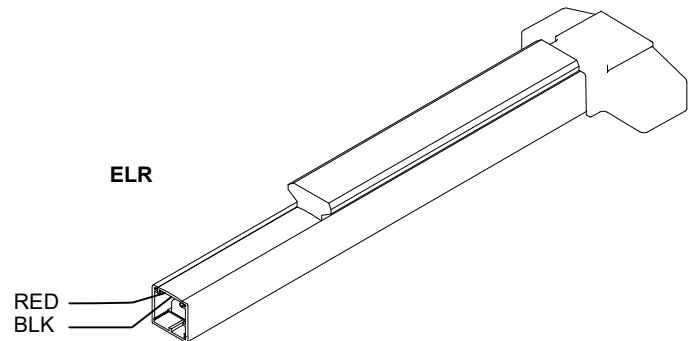


Optional Electrification

- E** ELR (Electric Latch Retraction)
 - 24VDC @ 1.5A Inrush / 200mA Holding
 - Red (+)
 - Black (-)

- EM** External Module ELR
 - 24VDC @ 1.5A Inrush / 200mA Holding

- G** Electric Dogging (Non-Polarized)
 - 24VDC @ .225mA Holding
 - Black
 - Black



- B** Alarmed Exit (Hardwired)
 - 12/24VDC @ 20mA
 - Red (+)
 - Black (-)
 - Yellow (N/O)
 - Orange (N/C)
 - White (COM)
 - Blue (Inhibit)

*Refer to product installation Instructions for details

