CRL JACKSON 1275
SURFACE VERTICAL ROD PANIC EXIT DEVICE
ORDER OF ASSEMBLY AND INSTALLATION

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TOOLS REQUIRED

Taps: 1/4-20, 10-32, 8-32  Framing square/straight edge
Tape measure  1" Masking tape
Saw horses  Center punch
Drill  Flat Metal File
Phillips #2 screwdriver  Round Metal File
Jigsaw with metal cutting blade

NOTE: Any modifications, other than those specified in this document, could result in this product's failure to meet UL safety ratings and void the manufacturer's warranties.
## CRL JACKSON PANIC EXIT DEVICE - 1275 SURFACE VERTICAL ROD

### PARTS IDENTIFICATION

<table>
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<th>CALL OUT</th>
<th>QTY.</th>
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<th>USED WITH PART NUMBER</th>
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<td>B</td>
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<td>G</td>
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<td>3028527 and 302856 Upper and Bottom Rod Cover Base Assembly</td>
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<td>6-32 x 1&quot; FHMS</td>
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<td>I</td>
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<td>(302113 Set) Upper Strike Assembly</td>
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<td>J</td>
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<td>(302113 Set) Bottom Strike Assembly</td>
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## FASTENERS AND PARTS LIST

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## PARTS LIST

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<td>Upper and Bottom Rod Covers</td>
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<td>Base Cover Plates</td>
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<td>P</td>
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<td>Q</td>
<td><img src="image" alt="Optional 1&quot; Single Mortise Cylinder" /></td>
<td>DL2170</td>
<td>Optional 1&quot; Single Mortise Cylinder</td>
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DOOR PREPARATION

REMOVE DOOR AND PREPARE PER ATTACHED LAYOUT DRAWING 10-1082-1

1. Place the door horizontally on the work stands, interior side up.

2. Mark the stile centerlines 1" from the outside edge of the stile. (Fig. 1)

3. Mark the corresponding layouts on to the stile using the vertical centerlines at the specified height. (Fig. 2)
DOOR PREPARATION – LAYOUT SELECTION

1275 EXIT DEVICE INSTALLATION - ACTIVE STILE

1275 Active Side Mounting Inside Face 10-1082-1 Rev. E (View #1)

Drill and Tap for a 10-24 Machine Screw (4) Places

FIG. 3

NOT TO SCALE
DOOR PREPARATION – LAYOUT SELECTION

1275 EXIT DEVICE INSTALLATION - INACTIVE STILE

FIG. 4

INTERIOR VIEW
ACTIVE STILE

1275 Inactive Side
Mounting Inside Face
10-1082-1 Rev. E (View #2)

40" (1016) to Bottom
of Door From This Line

Drill and Tap
for a 1/4"-20
Machine Screw

Glass Stop

Templates from Box

NOT TO SCALE
DOOR PREPARATION – LAYOUT SELECTION

1275 EXIT DEVICE INSTALLATION WITH OPTIONAL EXTERIOR TRIM AND MORTISE CYLINDER LOCK

FIG. 5

Interior View
ACTIVE STILE

Drill and Countersink for a 10-24 FHMS (2) Places

Glass Stop

Drill and Tap for a 10-24 Machine Screw (4) Places

40" (1016) to Bottom of Door From This Line

Edge of Door

Glass Stop

Templates from Box

FIG. 6

Exterior View
ACTIVE STILE

Drill and Tap for a 10-24 FHMS (2) Places

40" (1016) to Bottom of Door From This Line

Glass Stop

Edge of Door

Templates from Box

NOT TO SCALE
DOOR HARDWARE INSTALLATION
INSTALL OPTIONAL MORTISE CYLINDER LOCK AND EXTERIOR TRIM

NOTE: Exterior trim must be installed before attaching exit device.

1. Attach the exterior trim to the active stile with (2) #10 x 2-1/8" FHMS

FIG. 7
DOOR HARDWARE INSTALLATION (CONTINUED)

INSTALL UPPER AND BOTTOM LATCH BRACKET ASSEMBLIES

1. Attach the upper and bottom latch bracket assemblies **302408** to the prepped active door stile using (2) 1/4"-20 x 1-1/4" FHMS **C/E**

2. Attach the upper and bottom rod cover base assemblies **3028527 and 302856** to the prepped active door stile using (10) 8-32 x 1-1/4" FHMS **G**

3. Attach the upper and bottom rod latch assemblies **3027854 and 3028477** to the latch brackets using (2) 1/4"-20 x 1-1/4" FHMS **D/F** and the bracket pins provided. It is normal for the Latch assemblies to have some play. Secure the pins with the crescent clips provided.

4. Attach the upper and bottom rod adjusters **302741** onto the ends of the all-thread linkage rods approximately 1/4".

---

**FIG. 8**

**ACTIVE STILE**

**302408** Bottom Latch Bracket Assembly

**302408** Upper Latch Bracket Assembly

**3028527 and 302856** Bottom Rod Base Assemblies

**302854** Bottom Rod and Latch Assembly

**3028477** Upper Rod and Latch Assembly

**302741** Rod Adjusters

**Bracket Pin**

**Crescent Clip**

**1/4"-20 x 1-1/4" FHMS**

**8-32 x 1-1/4" FHMS**

NOT TO SCALE
INSTALL 1275 EXIT DEVICE

1. Attach the panic exit device to the active stile with (2) 10-32 x 7/8" FHMS \( \text{A} \) and (1) 1/4"-20 x 1/2" PHMS \( \text{B} \) through the end cap bracket on the inactive stile.

2. Insert the upper and bottom rod adjusters 302741\( \text{O} \) into the linkage access holes.

FIG. 9
DOOR HARDWARE INSTALLATION (CONTINUED)

ROD LINKAGE ADJUSTMENTS

UPPER ROD:
1. The top latch must be in the open position. (Fig. 10)

2. Turn the adjuster rod so that the end is aligned with the top line marking, just under the words "TOP LATCH" and the rod cut out is facing towards you. (Fig. 12)

BOTTOM ROD:
1. The bottom latch must be in the closed position. (Fig. 11)

2. Turn the adjuster rod so that the top edge of the cut-out aligns with the line marking just under the word "LATCH" and the rod cut out is facing towards you. (Fig. 12)
DOOR HARDWARE INSTALLATION (CONTINUED)

CONNECTION OF LINKAGE RODS TO THE EXIT DEVICE

1. Bring the upper latch to the closed position. (Fig. 13) The bottom latch should be in the closed position. (Fig. 14)

2. Slide the cruciform P under the fixed rollers (Fig. 16), capture both the upper and bottom adjuster rod tabs, and hold in place. (Fig. 15)

3. Install the end cap bracket over the cruciform P with (2) 10-32 x 7/8" FHMS A on the active stile. (Fig. 16)
OPERATIONS CHECK AND DOGGING INSTRUCTIONS

OPERATIONS CHECK:
Depress the push bar to assure free movement of the cruciform assembly. Both upper and bottom latches should activate to the open position. The upper latch should drop into the open position, figure 10. The bottom latch should fully retract. If the latches fail to operate as described, review the rod linkage adjustments on page 13. Verify that the latch and rod adjuster positions align with the markings on the panic bar per (Fig. 12).

DOGGING INSTRUCTIONS:

TO DOG
Insert hex dogging key (Cat. No. 302796). Turn key clockwise until it stops. Depress and hold the push bar then release the key. Push bar will remain depressed. Remove key. (Fig. 17)

TO UNDOG
Insert hex dogging key and turn clockwise until it stops. While depressing push bar turn and remove key. Push bar will become operable again. (Fig. 18)
1. Slide the (2) base cover plates 302674 in place.

2. Attach both end caps with (4) 8-32 x 3/8" FHMS K.

3. Snap both the upper and bottom base cover plates M over the rod base assemblies 3028527 and 302856.

4. Attach the upper and bottom latch covers to the latch brackets using (4) 6-32 x 1/4" FHMS H.

FIG. 20

NOT TO SCALE
FRAME PREPARATION
RE-ATTACH DOOR TO FRAME

1. Make sure that the panic exit device is in the dogged position. Both the upper and bottom latches must clear the frame. Re-attach the door to the frame.

2. With the door in place and in the closed position, mark the center line locations on the header and threshold of both the upper and bottom latches.

3. Finish the header and threshold preparation using the layout drawings on page 17.
FRAME PREPARATION

ATTACH UPPER STRIKE

1. Attach upper strike, use (4) 10-16 x 3/4" FHDS (Fig. 22), centering on the mark made in Step 2 of Frame Preparation on page 16. Start with door gap at zero position (Fig. 23).

2. Test latch engagement.

3. Rotate the strike to increase or decrease gap size between top door rail and stop. (Fig. 23)

NOTE: 1/8" max. vertical clearance between door and header must be maintained. Shim strike if necessary.

ATTACH BOTTOM STRIKE

1. Attach bottom strike as shown in figure 24, centering on the mark.
## CRL JACKSON PANIC EXIT DEVICE - 1275 SURFACE VERTICAL ROD

### PACKAGED PARTS AVAILABLE

<table>
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<tr>
<th>Assem. No.</th>
<th>Part No.</th>
<th>Description</th>
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