8400 Mortise Exit Device
Installation Instructions

Preparation

NOTE 1: These dimensions and templates assume a door thickness of 1-3/4”. For doors of other thickness, the factory should be consulted.

NOTE 2: CL* denotes vertical centerline of strike within 1/64” of deadlatch centerline.

Installing the Strike

NOTE: Both strike cup and strike plate must be installed properly to meet code requirements.

1. INSTALL cast strike cup with #10-32 flat head screws.
2. INSTALL strike plate with #10-32 flat head screws.

Installing the Deadlatch

1. ADJUST mounting post to length required to flush faceplate with nose of stile.
2. TIGHTEN lock case securely using #10-32 screws.

Mounting the Push Bar

1. DEPRESS latch bolt.

NOTE: The square key on plug must align with square notch on side plate.

2. INSERT bar assembly cam plug thru side plate.
3. INSTALL self-tapping screws on both ends and securely TIGHTEN.
4. TIGHTEN cam plug set screw.
5. INSTALL faceplate.
6. INSTALL end caps (dogging socket at latch end).

IMPORTANT NOTE
Installation must be in accordance to all applicable building and life safety codes.
Separating Push Bar and Mounting Bar

1. **REMOVE** both end caps (retainer is attached to nose end cap).
2. **SLIDE** push bar toward hinge side of door.
3. **CONTINUE** to slide push bar past the pivot plate that rides in push bar track.
4. **SLIDE** push bar in opposite direction, keeping pivot plate out of track until push bar is free of mounting bar.

Cutting Off for Non-Standard Doors

1. **DRIVE OUT** the two roll pins.
2. **REMOVE** mounting cap.
3. **COLLAPSE** bar and **TAPE DOWN** in area of cut-off.

**NOTE:**
3-19/32" [91.3 mm] minimum dimension from rivet centerline to new cut-off length, as show below.
4. **DETERMINE** extrusion length (Dimension "B").
5. **MEASURE** mounting bar (not push bar), and **MARK** extrusion length on tape.
6. **SAW** off excess length.
7. **LAY** mounting clip over mounting bar (Figure "C") and **USE** as a guide to drill two 1/8" [3.2 mm] holes.
8. **RE-INSTALL** mounting cap into mounting bar and **DRIVE** two roll pins into holes.
9. **SEE** installation instructions.

Installing Push Bar to Mounting Bar

1. With push bar in hand and mounting bar attached to door, **FIND** the stop plate staked into push bar (plate is on the latch end of the assembled unit).
2. **SLIDE** the pivot plate nearest the hinge into track of push bar until second pivot plate is exposed.
3. **INSERT** pivot plate into track on push bar and **SLIDE in opposite direction** until push bar and mounting bar align.

**IMPORTANT NOTE**
Installation must be in accordance to all applicable building and life safety codes.

Changing Hand of Exit Device

1. **REMOVE** screws and then spring retainer plate.
2. **REMOVE** two springs.
3. **REMOVE** auxiliary bolt.
4. **REMOVE** latch bolt and deadlocking arm assembly, being careful not to lose small internal spring.
5. **REMOVE** internal (deadlocking) spring.
6. **SLIDE** pin out of latch bolt and **REMOVE** deadlocking arm.
7. **REPLACE** deadlocking arm on opposite side of latch bolt and **INSTALL** pin.
8. **INSTALL** internal spring and **INSERT** latch bolt and deadlocking arm assembly into latch case.
9. **INSTALL** auxiliary bolt.
10. **REPLACE** two springs.
11. **INSTALL** spring retainer plate.

Front View

1. **REMOVE** link from crank arm.
2. **ROTATE** crank to opposite direction.
3. **CONTINUE** moving crank arm as bar is released.

Back View

1. **REMOVE** Cam screw.
2. **FLIP** Cam over to opposite position.
3. **REPLACE** Cam screw and **TORQUE** to 6.5–7.0 inch pounds.