ED5200(A) Series Rim Exit Devices

Installation Instructions

(Single Doors or Pairs with Mullion)

FM156 4/10 (617350602)

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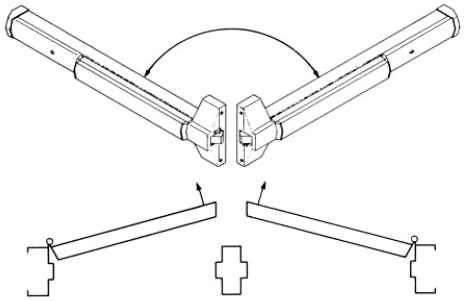
For Metal, Composite and Wood Doors of Either Hand



RHR Door LHR Door

Outside Trim

Device is packed ready for any compatible trim.

Dogging

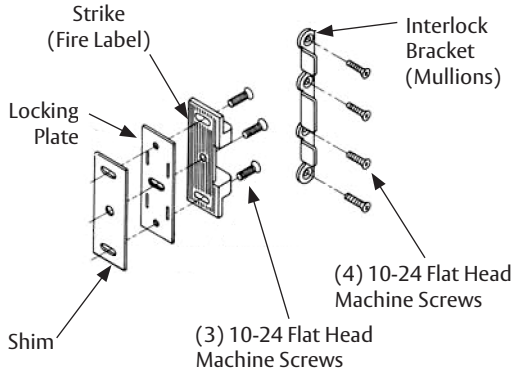
Feature to hold bolts retracted and touchpad depressed, for push-pull door operation.

To Dog Device

1. **Insert dogging key.**
2. **Hold touchbar depressed.**
3. **Turn key 1/4 turn clockwise.**

(Not a feature of the fire labeled devices.)

Fire Devices Only



Shim Kit Option

697F338, Black Finish

Kit consists of Latch Head Shim (Device Cover seats on shim) and End Clamp Shim (End Cap seats on shim).

Each shim is $\frac{1/8"}{3.2}$ thick.

More than two Shim Kits require longer device mounting screws (not included).

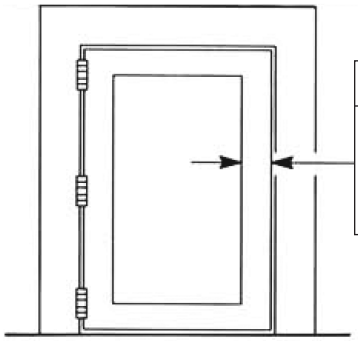
Sex Nut Option



Recommended for wood, composite or unreinforced metal doors. Standard for fire rated doors.

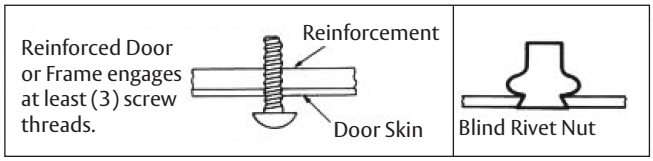
Device	Quantity	Size
Panic x M54	4	1/4-20
Fire Rated	4	1/4-20

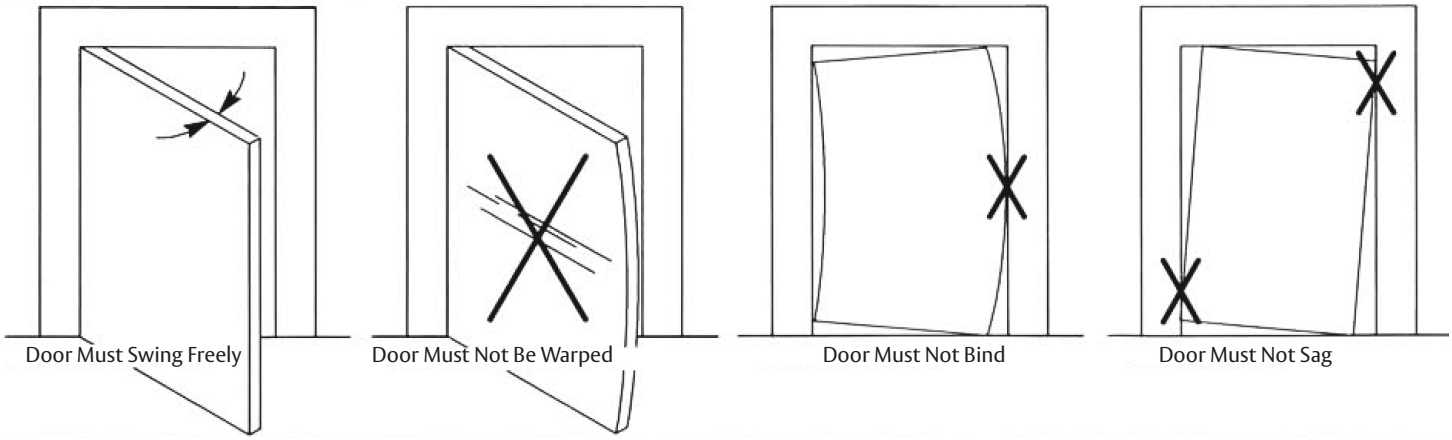
Check Before Starting



Minimum Door Stile 4-1/2" (114mm)
Door and Frame must meet structural and dimensional specifications on exit device template(s) for door and frame preparation.

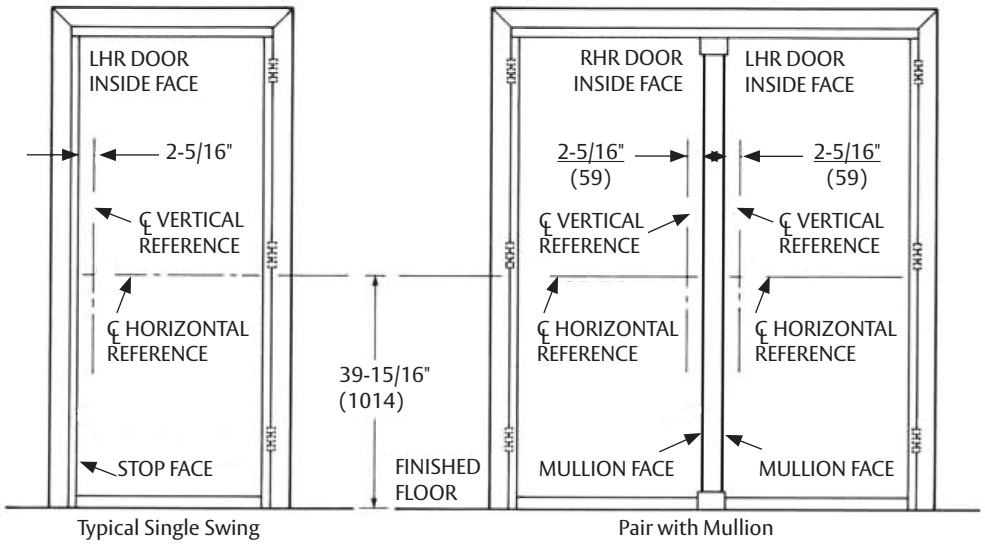
Unreinforced Door or Frames
Doors and Frames with walls having a structural thickness (metal skin plus reinforcement, or solid hardwood) to engage less than (3) full screw threads, are considered unreinforced for hardware.
Unreinforced Doors: Use SNB (sex nuts and bolts).
Unreinforced Frames: Use Blind Rivet Nuts.
Recommended fasteners for unreinforced openings are not necessarily supplied by Corbin Russwin.





1. Mark Door

Locate and Mark Horizontal and Vertical Reference Centerlines, as shown.



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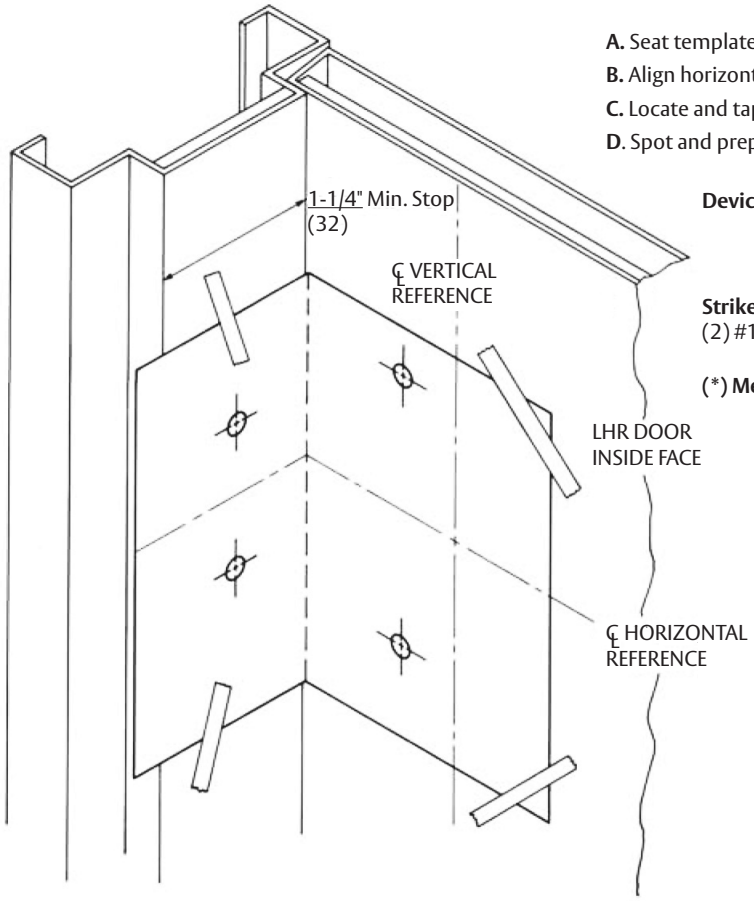
2. Prepare Door & Frame



A. Seat template on door and stop faces.
B. Align horizontal and vertical centerlines. Tape Template in place.
C. Locate and tape Trim Template to door. (See instructions packed with Trim)
D. Spot and prepare holes.

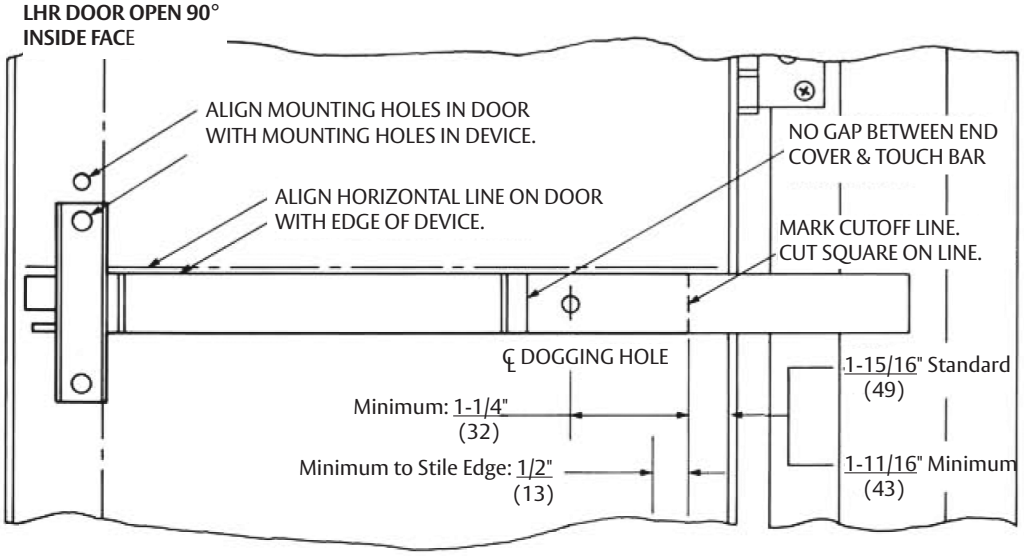
Device: (2) 1/4"-20 Machine Screws (*), or
(2) 3/8" Dia. Sex Nuts & Bolts
(10)

Strike: (2) 10-24 Machine Screws, or
(2) #10 Wood Screws

(*) **Metal reinforced doors only.**

3. Size Device

Device must be field cut to size, unless standard opening and device are 36" (0.91m).



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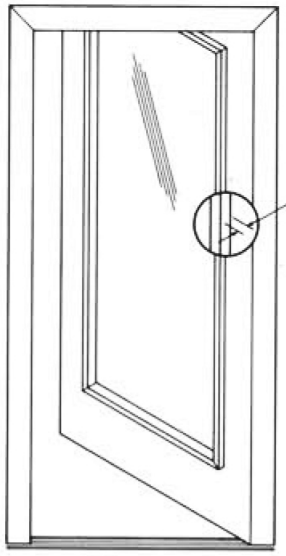
4. Clear Raised Door Molding

Device must seat flush on door surface, or on shims that keep it parallel to door face.

One shim Kit 697F338 required for each 1/4" (6mm) of device lift needed. Longer device mounting screws needed when more than (2) shim kits are used. See Shim Kits Option on front page.



(1) Shim Kit
Per 1/4" (6) of raised molding

5. Install Device

Seat Bar in Place, True to Door Face

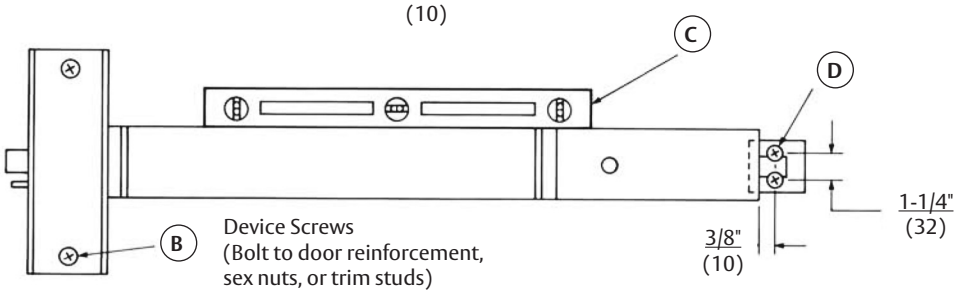
A. Mount Trim (Follow instructions Packed with trim).

B. Seat Bar in Place. Fasten Device Head (Pan Head Machine Screws or SNB).

C. Set Bar Level. Locate End Clamp Holes.

D. Prepare End Clamp Mounting Holes. Mount End Clamp.

(2 # 1/4-20 Pan Head Machine Screws or 3/8" dia. SNB (10)



E. Check Bolt Retraction.

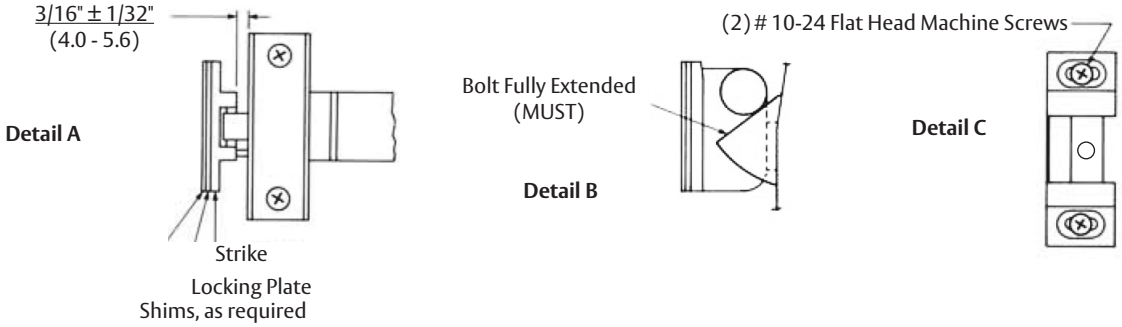
1. Depress touchbar (bolt must retract). Release touchbar (bolts must extend).
2. Actuate trim (bolts must retract). Release trim actuator (bolts must extend).
3. (NOT FOR FIRE DEVICES). Depress touchbar, turn dogging key clockwise (bar must remain depressed, bolts must remain retracted). Turn dogging key counterclockwise (bar and bolts must return to extended position).

NOTE: When resulting operation is faulty, check first for visible binding or interference. If there is no apparent reason for the fault, remove item from the door and recheck its operation before assuming that it is defective.

F. Tighten All Mounting Screws.

6. Install Strike

A. Position Strike Projection (Strike + Locking Plate + Shims, if needed). See Detail A.



B. Position Strike Depth. See Detail B.

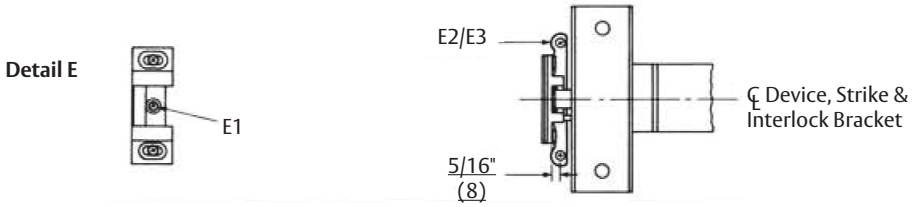
C. Fasten Strike Securely, as Shown on Detail C.

D. Check Bolt Engagement.

1. Bolt should retract to clear the strike, when actuated by bar, trim, or dogging action. Bolt should consistently re-engage the strike, when actuators are released and the door shuts.
2. Door should remain latched and not rattle when pushed, pulled, or shaken in/out.

E. (Fire Devices Only) Stabilize Strike. See Detail E.

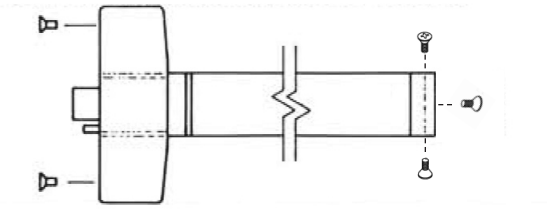
1. Prepare for and install strike center screw (1 # 10-24 Flat Head Machine Screws).
2. Position strike interlock bracket in place, as shown. Locate bracket holes.
3. Prepare interlock bracket mounting holes. Mount interlock bracket (4 # 10-24 Flat Head Machine Screws or SNB).



Fire rated mullion application only

7. Install Head Cover & End Cap

Use (2) 8-32 Flat Head Machine Screws each, for Cover and for (3) End Cap.



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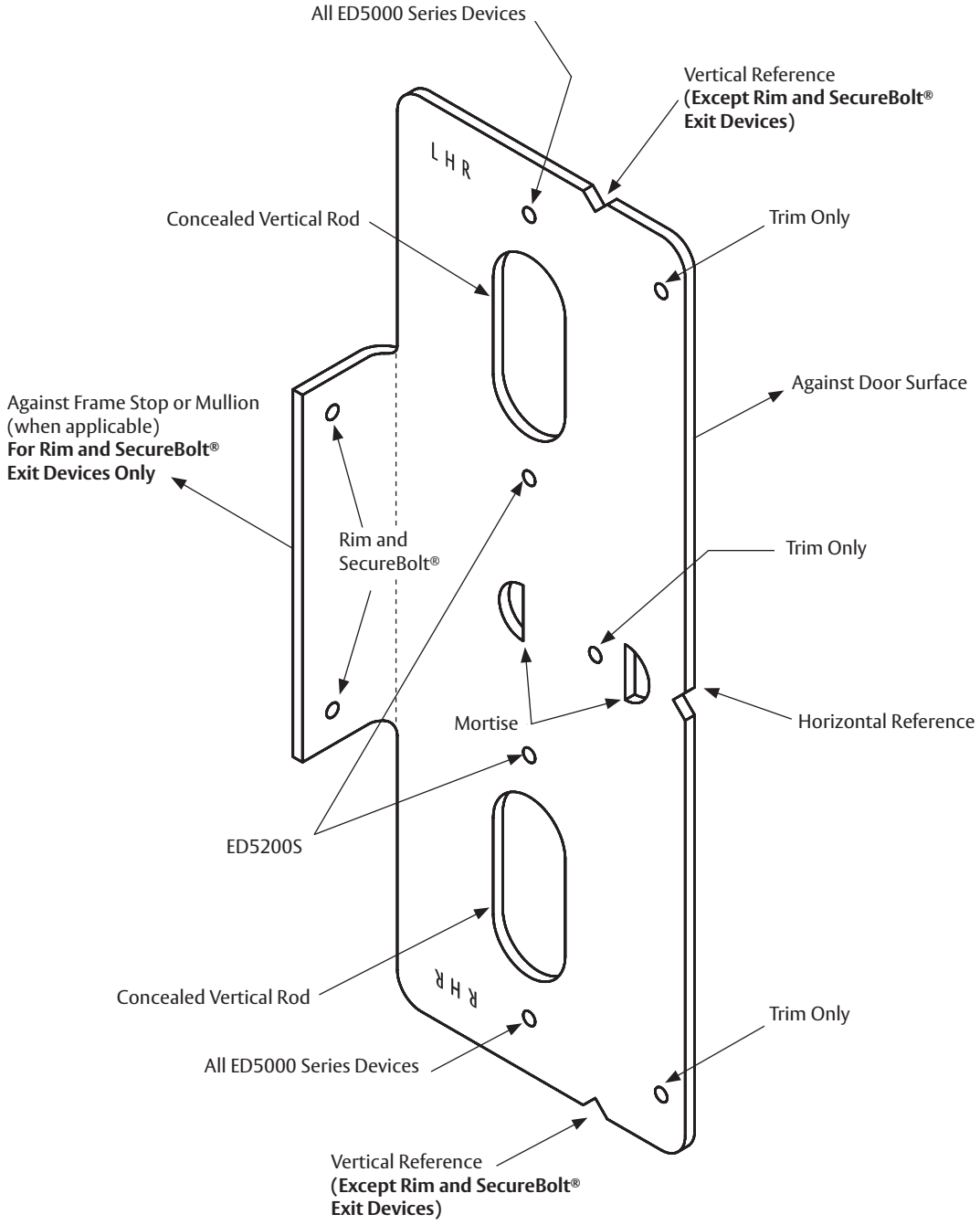
Plastic Template Instructions

For use in conjunction with instruction sheets and door marker templates packed with exit device. Holes and slots are identified below by exit device series and trim. Prep door and frame for only those features required for the exit device being installed.



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