

# Installation Instructions

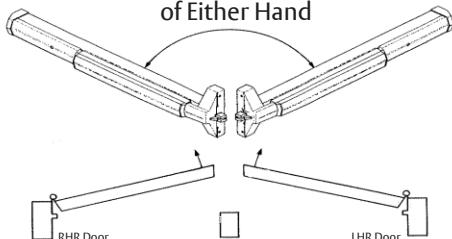
**Corbin  
Russwin**

**ASSA ABLOY**

## Security Deadbolt Rim Exit Devices

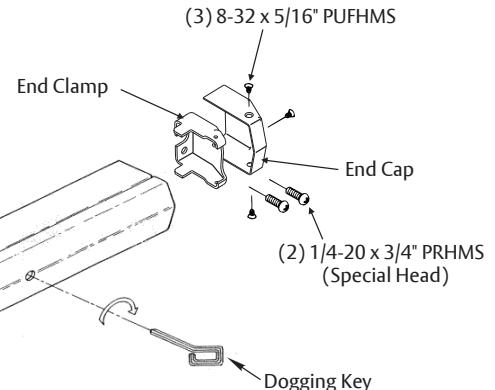
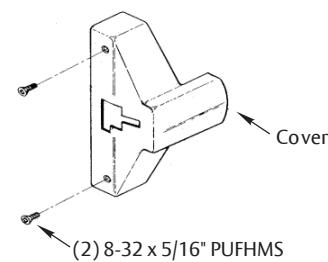
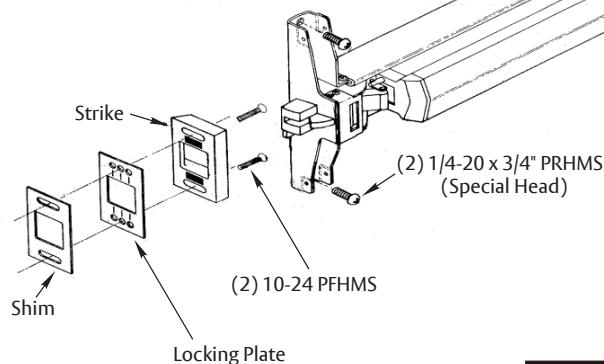
### ED4200S Series

Single Doors or Pairs with Mullion  
For Narrow Stile Metal Doors  
of Either Hand



#### Outside Trim

Device is packed ready for any ASSA ABLOY ACCENTRA™  
500F, 510F and 480F Series Trim.



#### Maintenance

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

#### Maintenance

1. Periodically remove covers and coat mechanisms with a silicone base lubricant. This is particularly required in corrosive environments for proper product function.
2. Check mounting fasteners periodically. Retighten if found loose. Apply screw locking compound (available at automotive partstores) or change part fasteners if screws continue to back out.

#### ⚠️ WARNING

This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov).

For installation assistance contact Corbin Russwin  
1-800-543-3658 • [techsupport.corbinrusswin@assaabloy.com](mailto:techsupport.corbinrusswin@assaabloy.com)

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#### ⚠️ WARNING

Attention Installer: Improper installation may result in damage to the product and void the factory warranty.

Experience a safer  
and more open world

# Security Deadbolt Rim Exit Devices

## ED4200S Series

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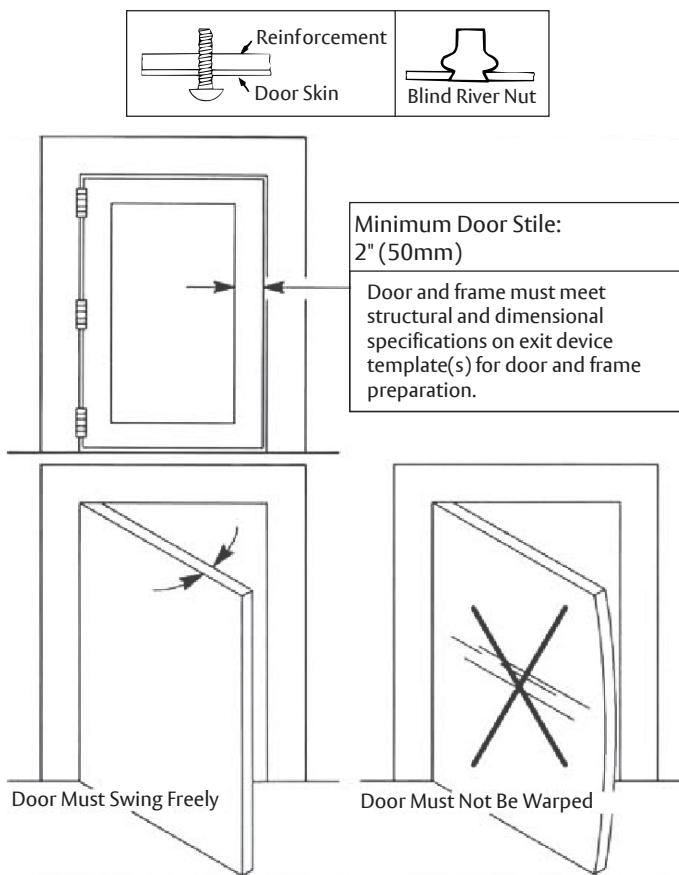
**ASSA ABLOY**

#### General Information

Shim Kit Option
697F358 Black Finish
Kit consists of (2) Latch Head Shims (Device Cover seats on shim) and (2) End Cap Shims (End Cap seats on shim).
Each shim is 1/8" (3.2mm) thick. More than two shim thicknesses 1/4" (6.4mm), require longer device mounting screws (not included).

Shim Kit Option		
Recommended for wood composite or unreinforced metal doors.		
No Trim	6	1/4-20
With Trim	2	

#### Check Before Starting



#### Unreinforced Door

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.

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.

# Security Deadbolt Rim Exit Devices

## ED4200S Series

### Installation Instructions

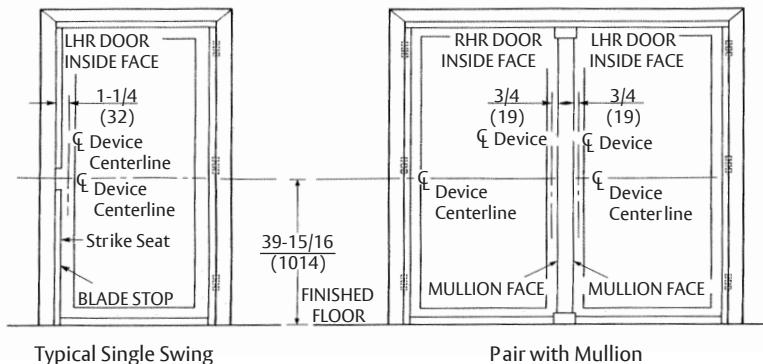


#### 1 Mark Door

Locate and mark horizontal and vertical. Reference centerlines as shown.

**Note:**

For other openings see step 2. Item A3.



#### 2 Prepare Door & Frame

##### a. Determine Opeing requirements

1. Aluminum single openings: Stop must be notched to clear strike. Cutout is 3-1/8" (79) long, centered on Device centerline.
2. Pairs with Mullions\*\*\*: Cut off and discard strike portion of Installation Template.
3. Locate and tape trim template on door. (See instructions packed with trim.)

b. Seat template on door and jamb face (if pertinent).

c. Align template with horizontal and vertical device centerline on door. Tape template in place.

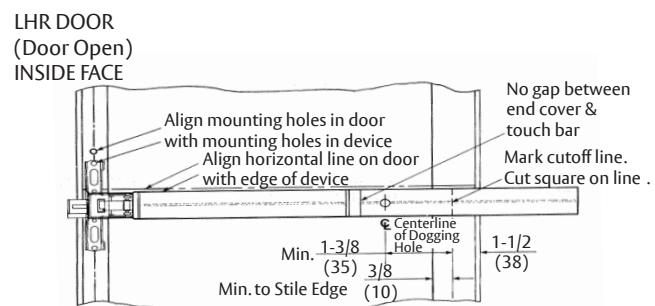
d. Locate and tape Trim template on door. (See instructions packed with trim.)

e. Spot and prepare holes.

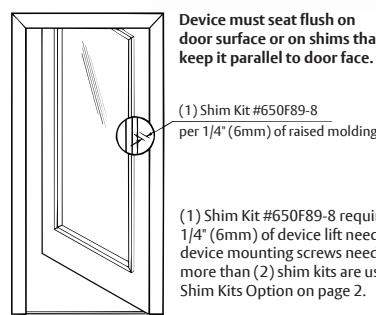
Device: (4) 1/4-20 Machine Screws\*, or (4) 3/8" (9.5) Dia Sex Nuts and Bolts.  
Strike\*\*: (2) 10-24 Machine Screws.

#### 3 Size Device

Device must be field cut to size unless standard opening and device are 36" (0.91m) or 48" (1.22m).



#### 4 Clear Raised Door Molding



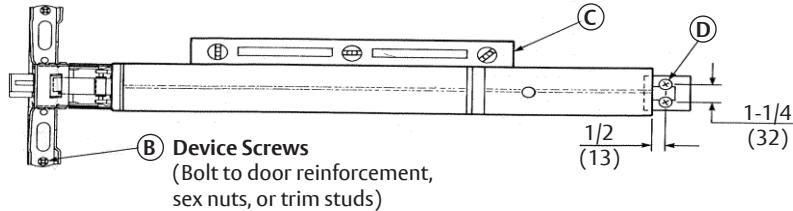
(1) Shim Kit #650F89-8 required for each 1/4" (6mm) of device lift needed. Longer device mounting screws needed when more than (2) shim kits are used. See Shim Kits Option on page 2.

For installation assistance contact Corbin Russwin  
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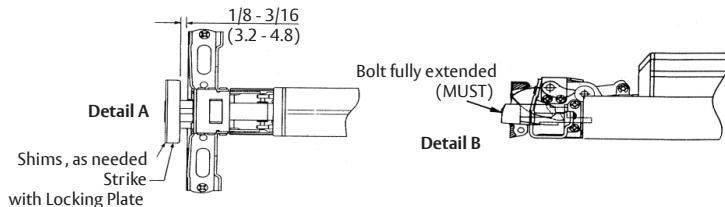
FM530 05/24

## 5 Install Device



- Mount trim (follow instructions packed with trim).
- Seat bar in place (projecting C-Cam boss must penetrate into door hole). Fasten device head (2 PRHMS or SNB).
- Set bar level. Locate end clamp holes.
- Prepare end clamp mounting holes. Mount end clamp. (2 PRHMS or SNB).
- Check bolt retraction.
  - Depress toucbar (bolts must retract). Release toucbar (bolts must extend).
  - Actuate trim (bolts must retract). Release trim actuator (bolts must extend).
  - Depress toucbar, turn dogging key clockwise (bar must remain depressed, bolts must remain retracted). Turn dogging key counterclockwise (bar and bolts must return to extended position).
- Tighten all mounting screws.

## 6 Install Strike



- Position strike projection (strike + locking plate + shims, if needed). See Detail A.
- Position strike depth. See Detail B.
- Fasten strike securely (2 PFHMS).
- Check bolt engagement.
  - Depress toucbar (bolts must retract). Release toucbar (bolts must extend).
  - Actuate trim (bolts must retract). Release trim actuator (bolts must extend).
  - Depress toucbar, turn dogging key clockwise (bar must remain depressed, bolts must remain retracted). Turn dogging key counterclockwise (bar and bolts must return to extended position).

## 7 Install Cover & End Cap

