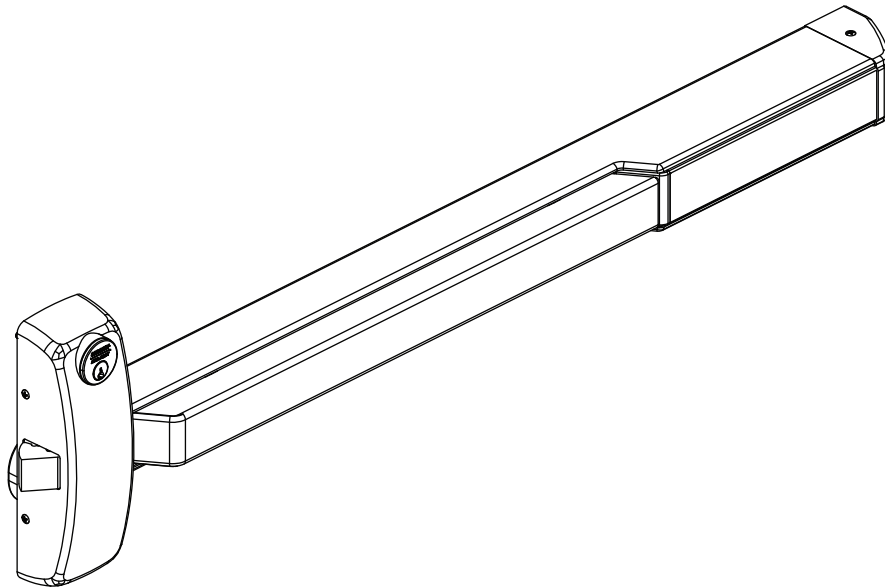


PE8800 & 12-PE8800 Series

Rim Exit Device for 16, 28, 63, & 66 Functions



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.

WARNING

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

PE8800 & 12-PE8800 Series

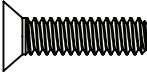





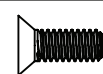


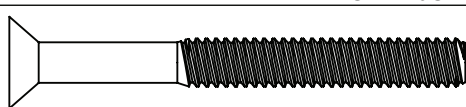
Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

Screw Chart

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SCREW	TOTAL QTY SUPPLIED	WHERE USED
 #10-24 X 3/4" FLAT HEAD MACHINE SCREW	4	(4) CHASSIS CORNER MOUNTING HOLES (METAL DOOR)
 #10 X 1-1/4" FLAT HEAD WOOD SCREW	4	(4) CHASSIS CORNER MOUNTING HOLES (WOOD DOOR)
 #10-24 X 3/4" ROUND HEAD MACHINE SCREW	4	(2) REAR MOUNTING PLATE (METAL DOOR) (2) 649 STRIKE INNER MOUNTING HOLES
 #10 X 1-1/4" ROUND HEAD WOOD SCREW	2	(2) REAR MOUNTING PLATE (WOOD DOOR)
 #10-24 X 3/4" OVAL HEAD MACHINE SCREW	2	(2) 649 STRIKE OUTER MOUNTING HOLES (METAL FRAME)
 #10 X 1-1/4" OVAL HEAD WOOD SCREW	2	(2) 649 STRIKE OUTER MOUNTING HOLES (WOOD FRAME)
 #8-32 X 7/16" FLAT HEAD MACHINE SCREW	2	(2) CYLINDER SUPPORT TO CHASSIS (42 & 42T FUNCTIONS ONLY)
 #8-32 X 1/4" SOCKET HEAD SET SCREW	1	(1) CYLINDER SUPPORT TO CYLINDER (42 & 42T FUNCTIONS ONLY)
 #8-32 X 5/16" W/ #6 OVAL HEAD MACHINE SCREW	6	(4) CHASSIS COVER (2) END CAP
 1/4"-20 X 2-3/8" KNURLED FLAT HEAD MACHINE SCREW	2	(2) EXIT TRIM (IF USED)

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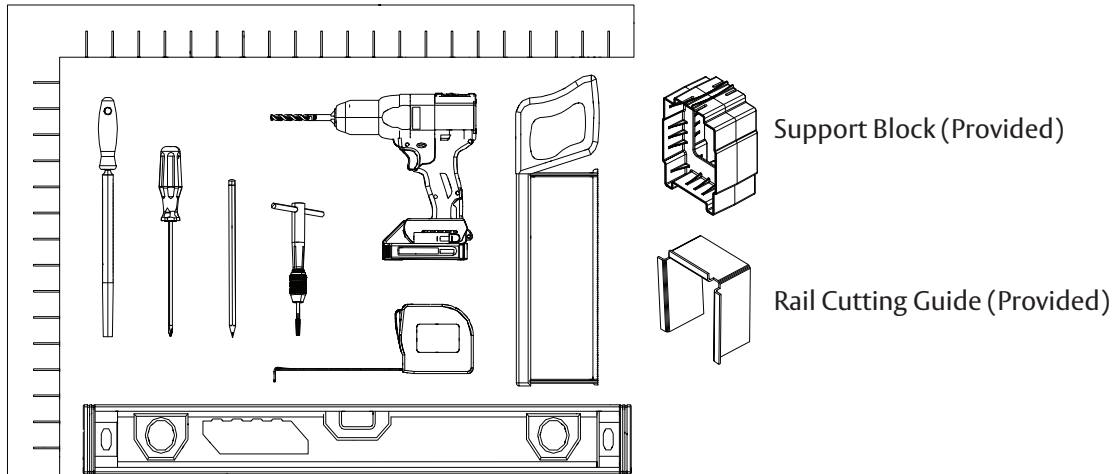
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PE8800 & 12-PE8800 Series

Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

Tools Needed



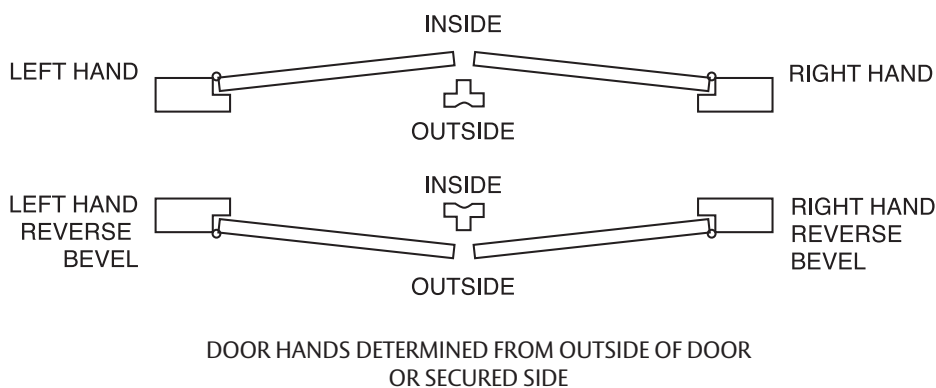
Before installation:

1. Install mullion, if used.
2. Fit and hang door.
3. Check the box's label for the size of the exit device.
4. For wood doors, use wood screws and prep accordingly.



The surface of the door where the exit device is to be applied must be flush. Clear away any raised projections to allow exit device to rest on the flat surface of the door. If shim kit is required, contact your distributor.

Note: Please refer to trim and other installation instructions provided in the box.



PE8800 & 12-PE8800 Series

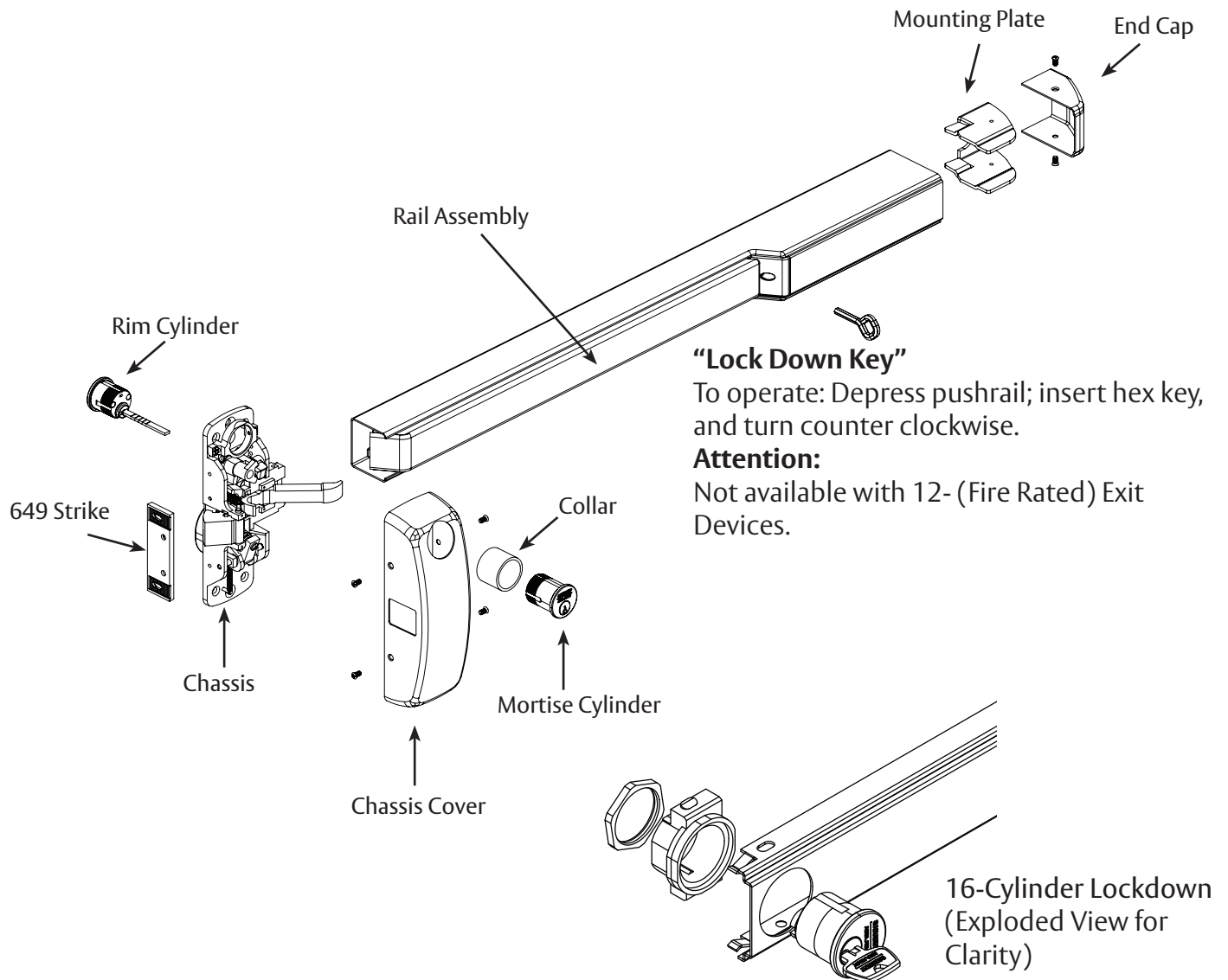
Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

Exploded View

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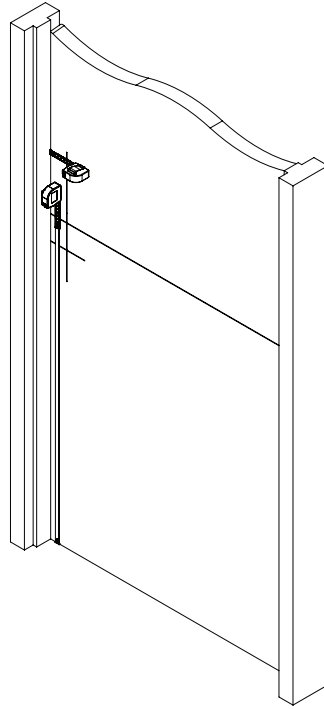
Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

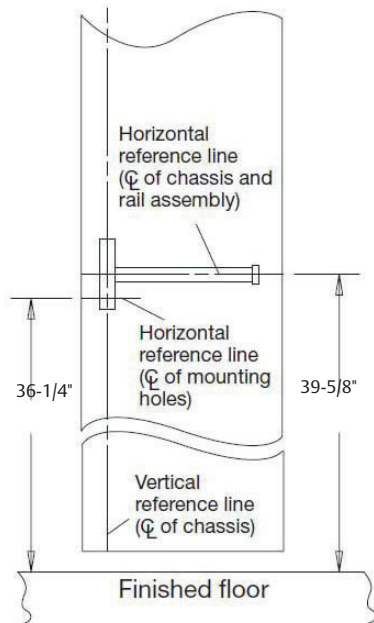
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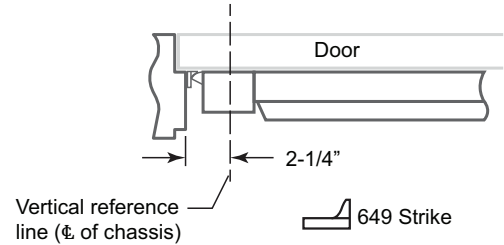
1 Prepare Door



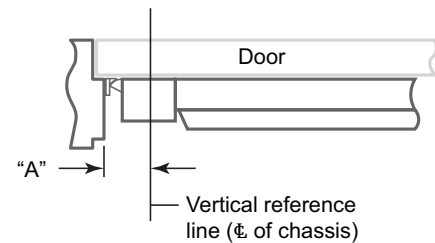
Measure and mark chassis vertical centerline, rail horizontal centerline, and horizontal reference line (bottom chassis mounting holes).



Single Door (12 - Fire Rated Exit Device)



Single Door (Non-Fire Rated)

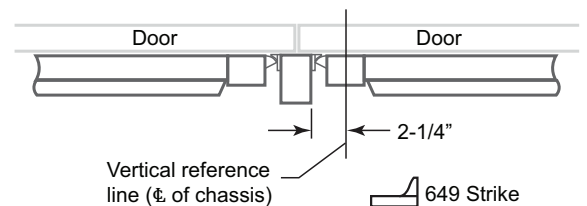


For 649 strike Dim. "A" = 2-1/4"

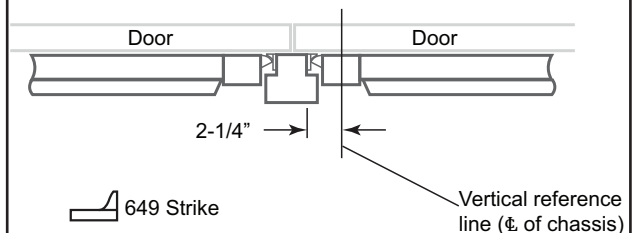
For 613 strike Dim. "A" = 1-3/4"

For 642 strike Dim. "A" = 1-1/2"

Double Door with 12-980 Mullion



Double Door with 980 Mullion



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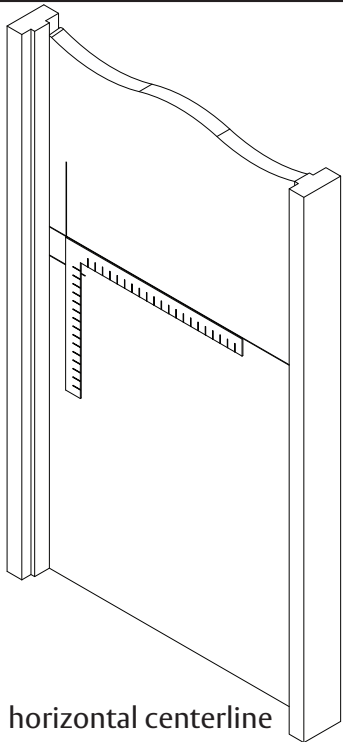
Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

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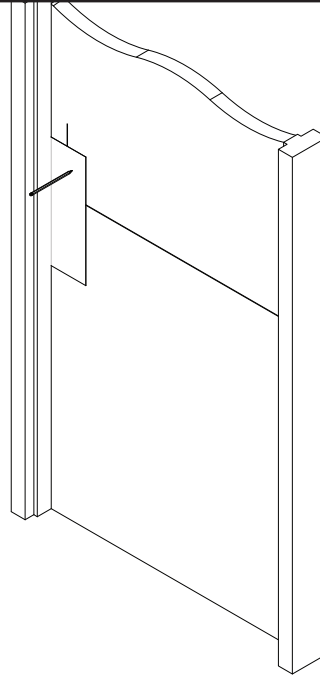
ASSA ABLOY

2



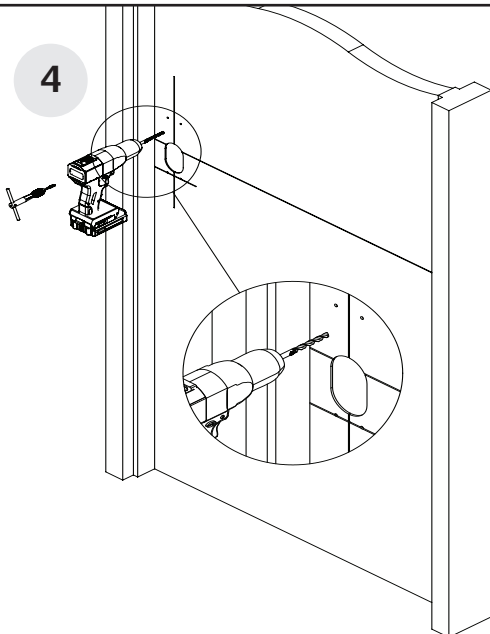
Extend rail horizontal centerline

3



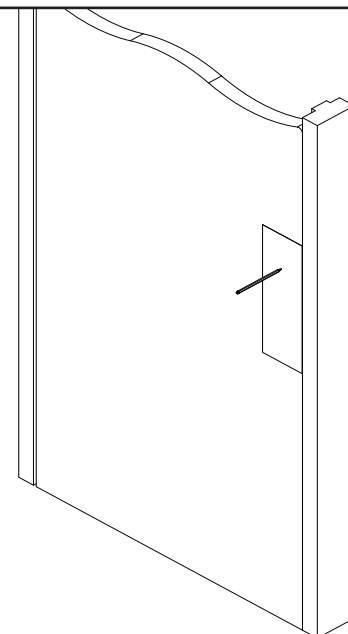
Align chassis template with reference lines. Tape to door surface. Mark all holes and openings.

4



Drill and tap (4) #10-24 chassis mounting holes, and cut out opening for chassis bell housing / thumbpiece clearance (this side only).

5



Align trim template to outside of door. Tape to door surface. Mark all holes and openings.

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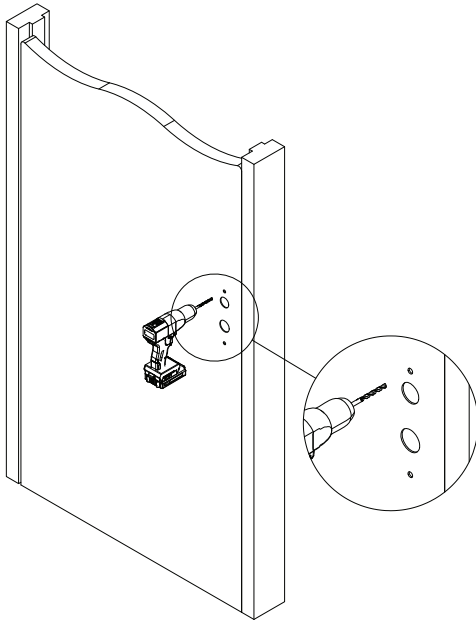
Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

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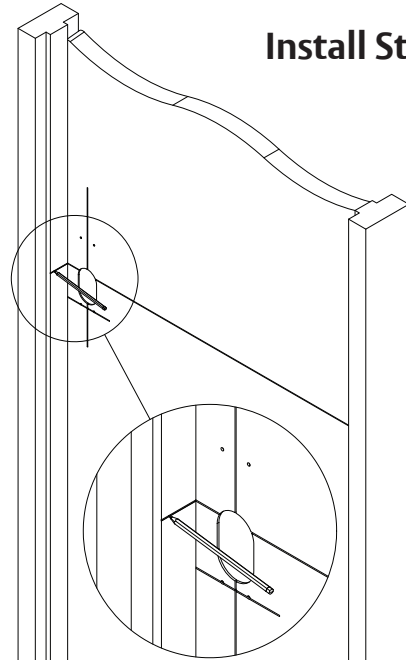
6



Drill thru-holes for trim mounting screws. Cut out openings for lever spindle and cylinder, if used (this side only)

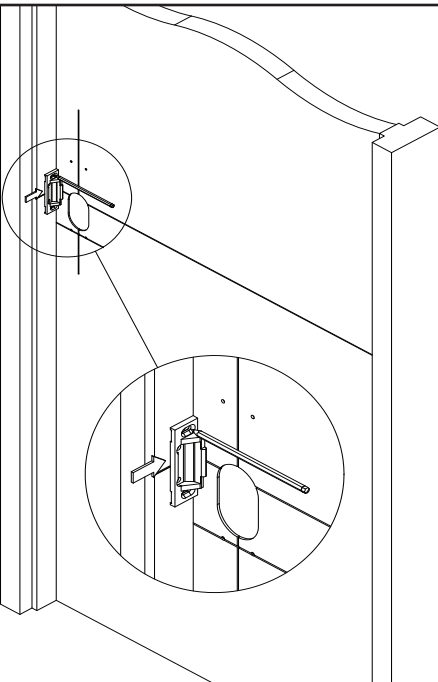
7

Install Strike



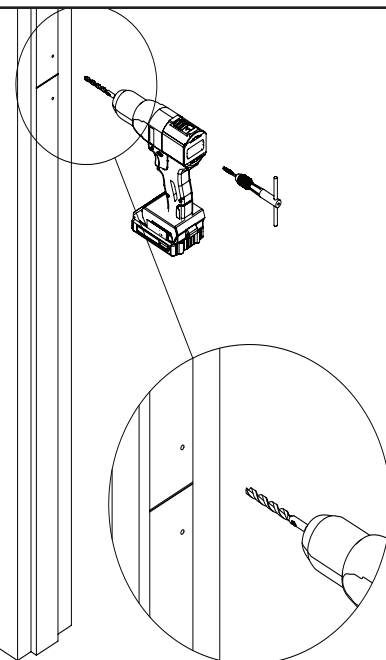
Extend rail horizontal centerline to frame.

8



Align strike on centerline, flush against door face, and mark location of outer screw holes.

9



Drill and tap (2) #10-24 tapped holes.

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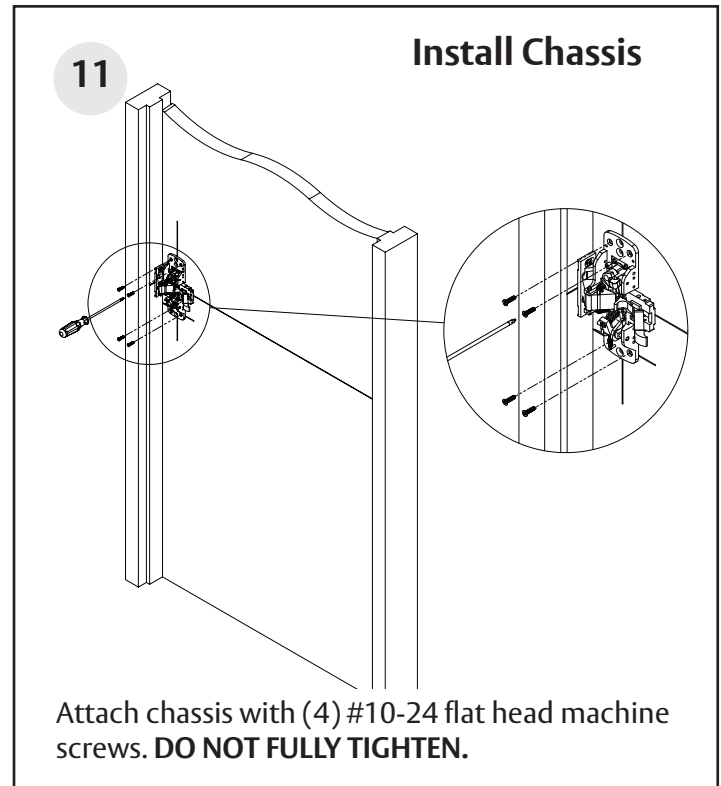
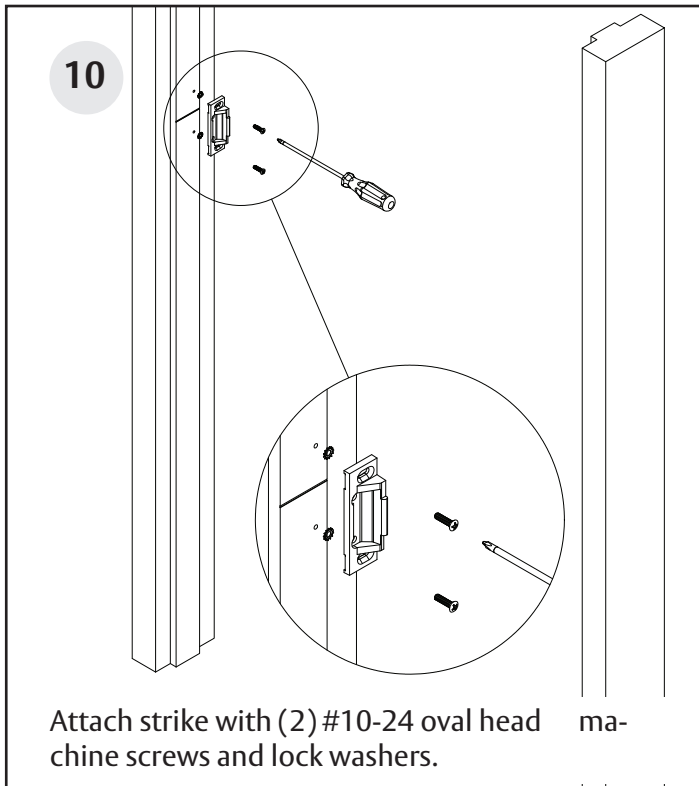
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Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

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Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

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Rail cutting guide

If the rail doesn't need to be cut, continue to page 10, step 12.

If the rail must be cut, follow these steps on page 8 and 9:

Refer to the individual exit device installation instructions for rail cutting requirements / restrictions. Instructions will vary based on device type and options.

- Determine cut off dimension "X" by subtracting 2-7/8" from dimension "Y". Mark cut off point on mounting rail. (See below.)

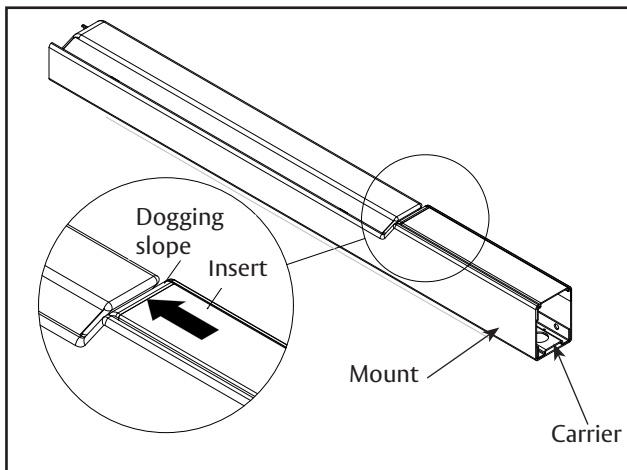
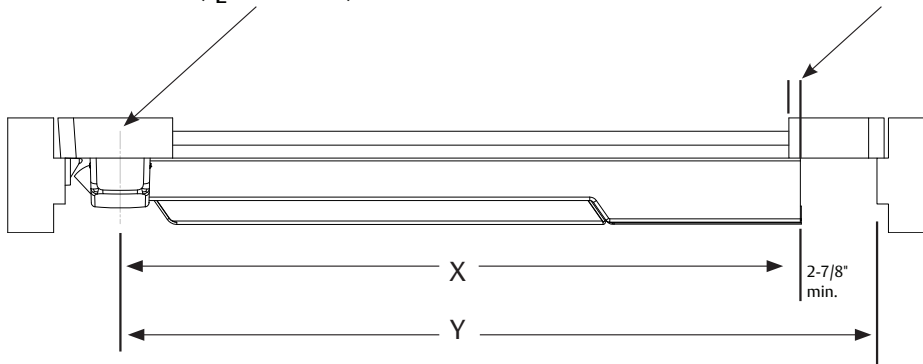


Do not cut closer than 1-5/8" from the the front edge of the rail insert.

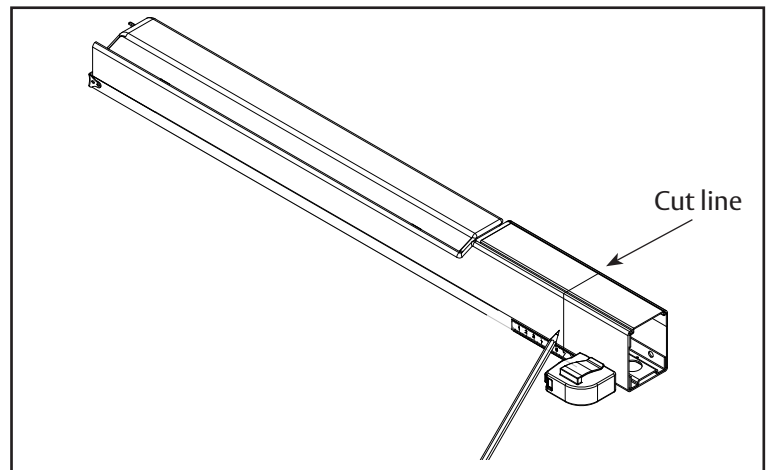
Information for Cutting Rails		
Rail Sizes	Door Widths	
	Standard	Minimum
E	32"	24"
F	36"	33"
J	42"	37"
G	48"	43"

Vertical reference line (C of chassis)

For doors with stile rail, the stile must overlap by 5/16" min.



A. Ensure there isn't a gap between the insert and the dogging slope, and the carrier is flush with the mount.



B. Mark rail at the required cut length.

PE8800 & 12-PE8800 Series

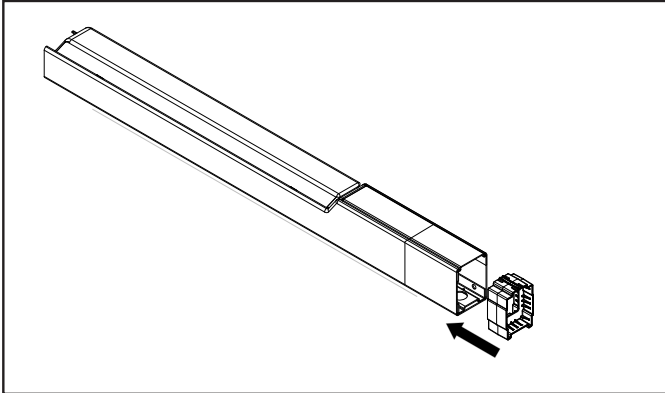
Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

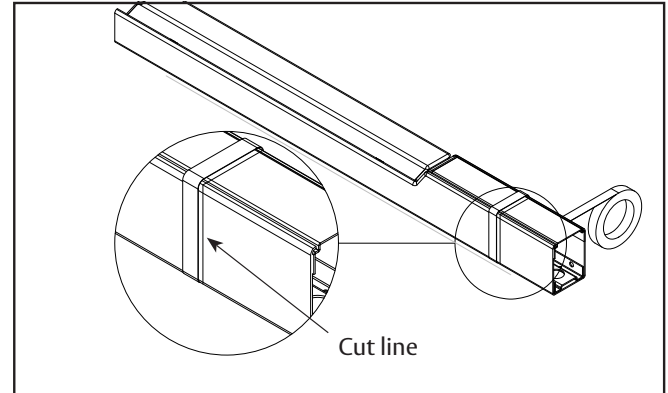
Rail cutting guide, continued.

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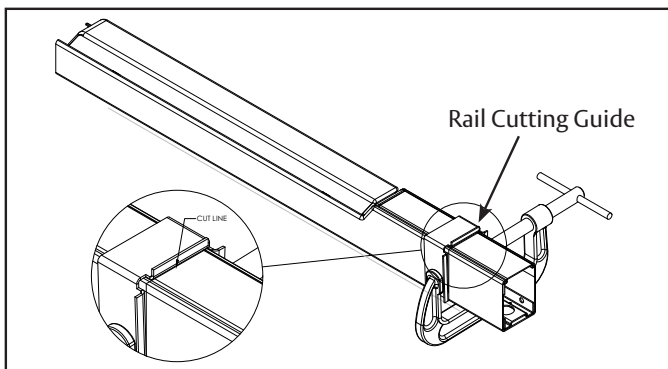
ASSA ABLOY



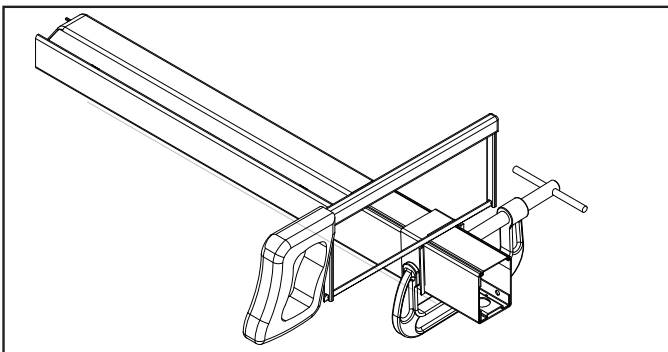
C. Ensure plastic insert support is installed under the cut line.



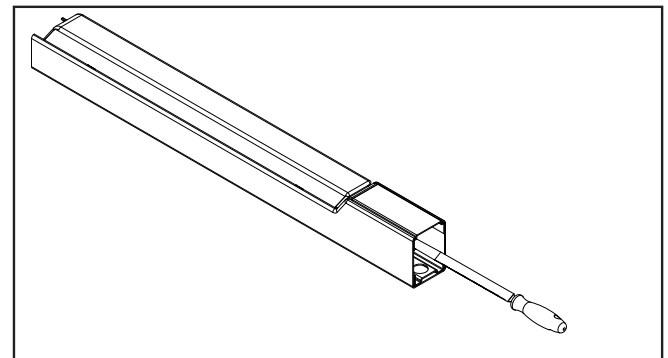
D. Wrap the rail and insert in masking tape, as shown.



E. Place the rail cutting guide over the masking tape and align it with the cut line. Clamp the cut guide to the rail using a C-clamp.



F. Using a hack saw with a new blade or a chop saw with a metal cutting blade, cut the rail, ensuring that the blade stays pressed against the rail cutting guide.



G. Deburr and smooth all cut edges with a file.

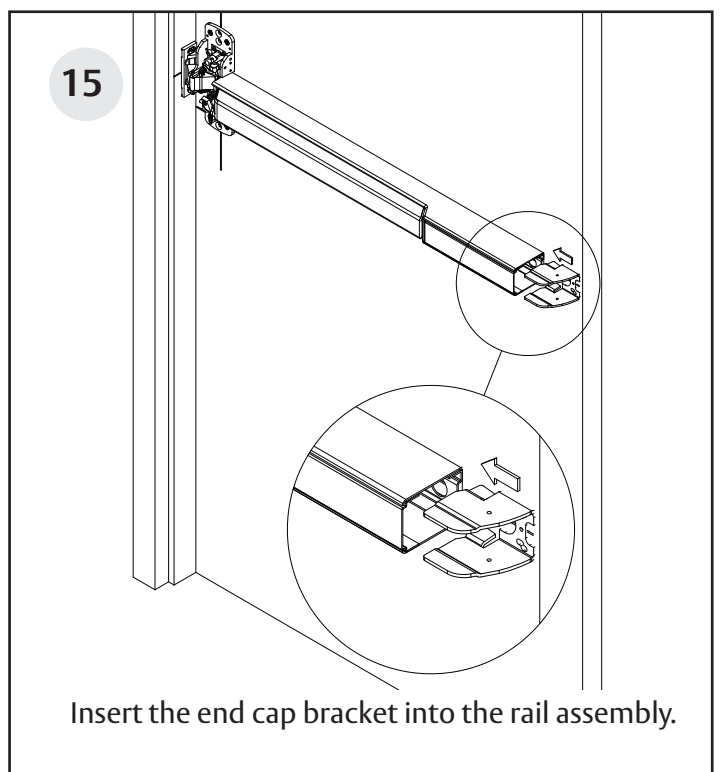
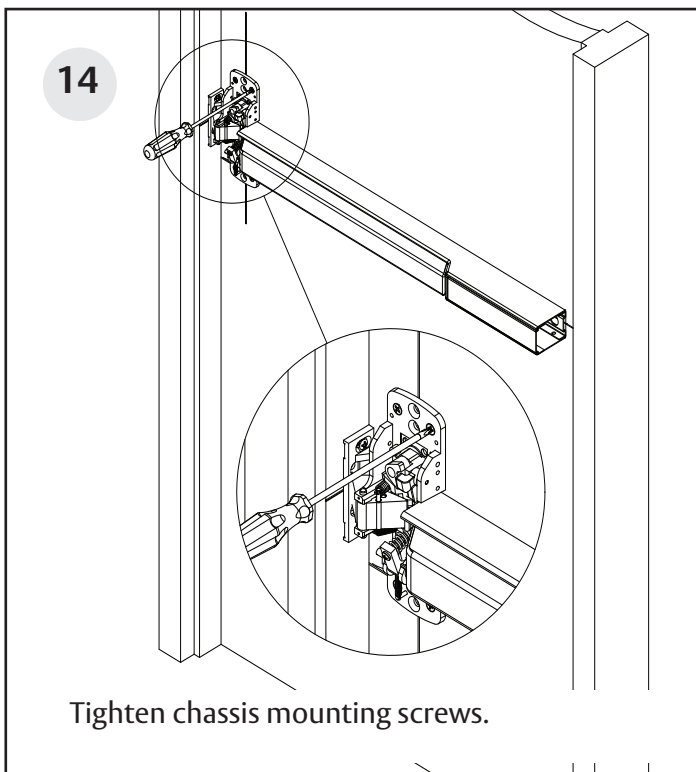
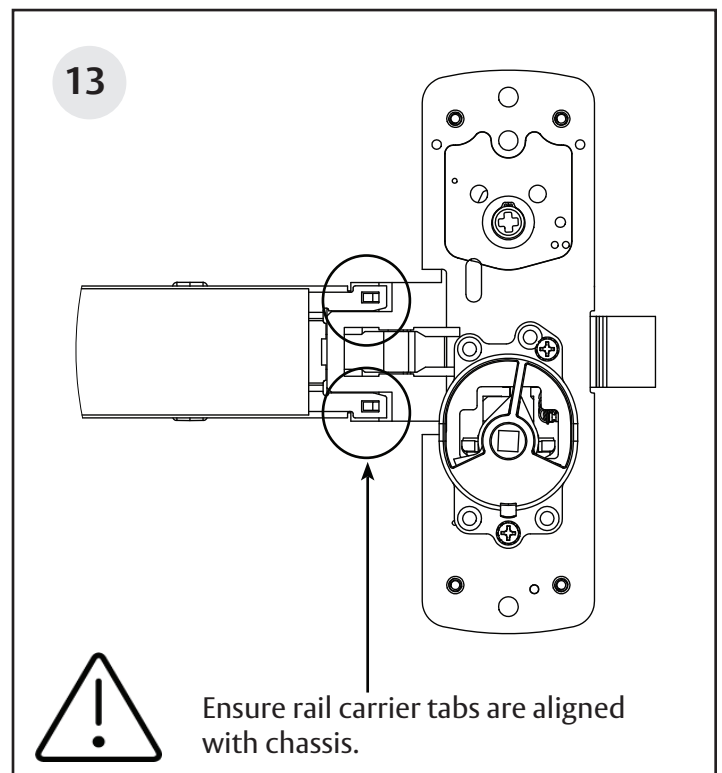
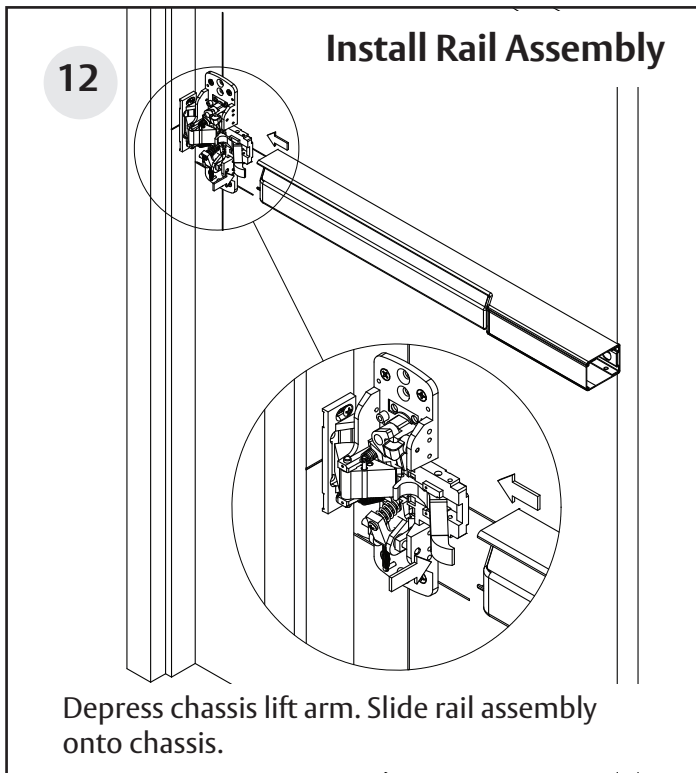
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Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

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A8296A 2/23

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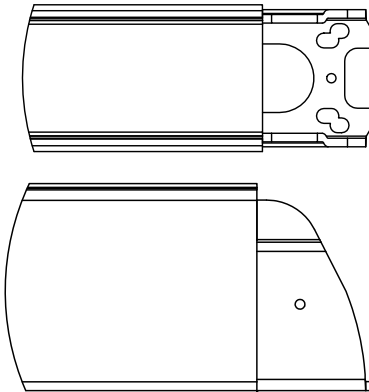
Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

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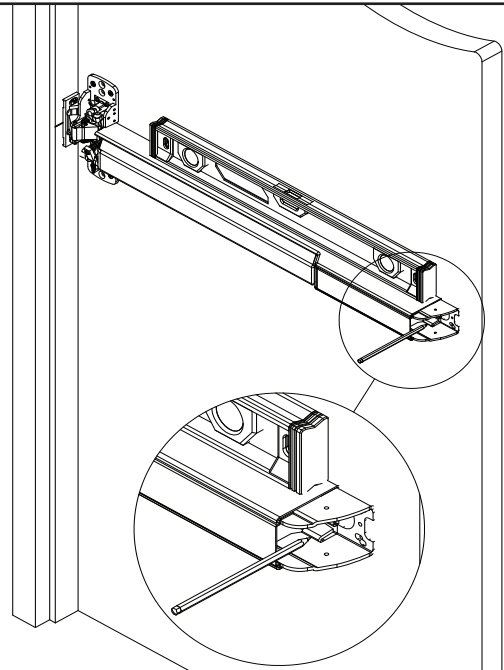
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16



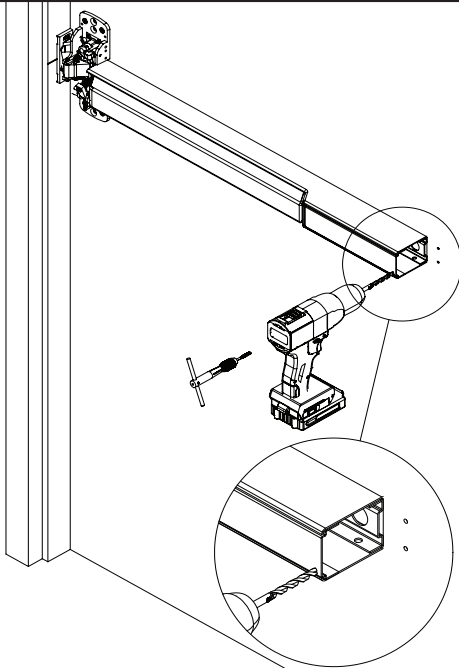
Ensure mounting rail bracket is against the rail without a gap.

17



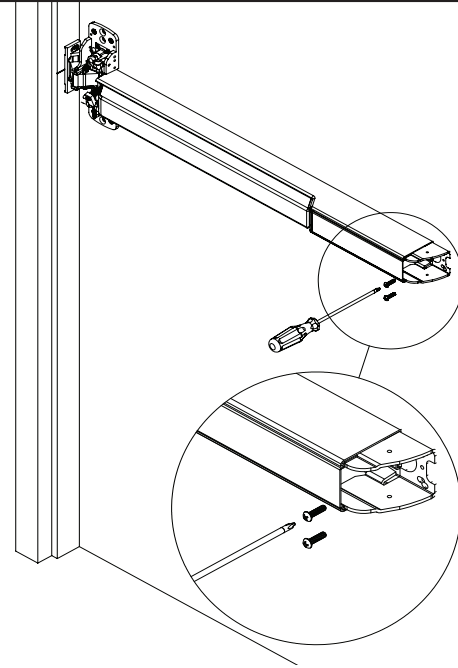
Level the rail and mark mounting holes, using the bracket as a guide.

18



Drill and tap end cap bracket holes #10-24 (2 places).

19



Attach mounting bracket with (2) #10-24 round head machine screws.

A8296A 2/23

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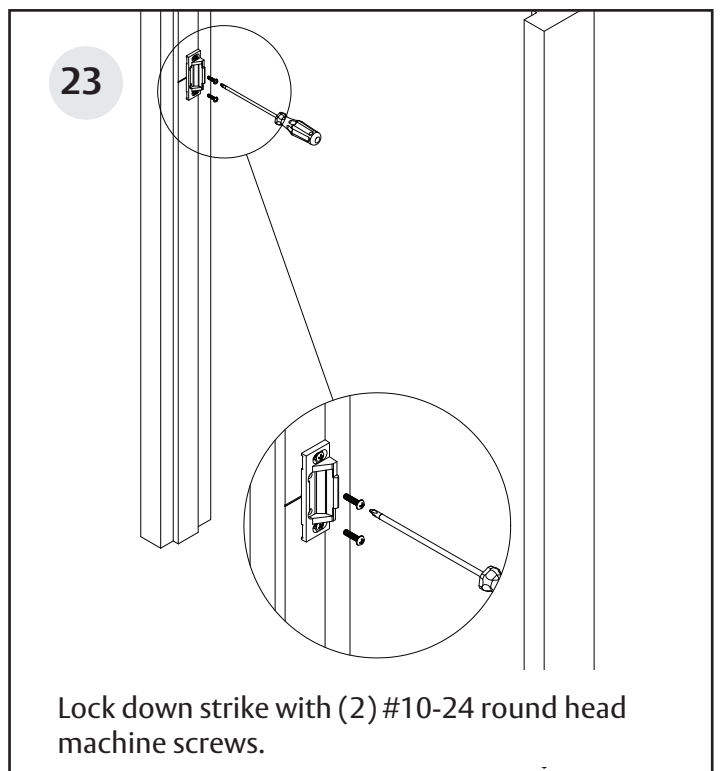
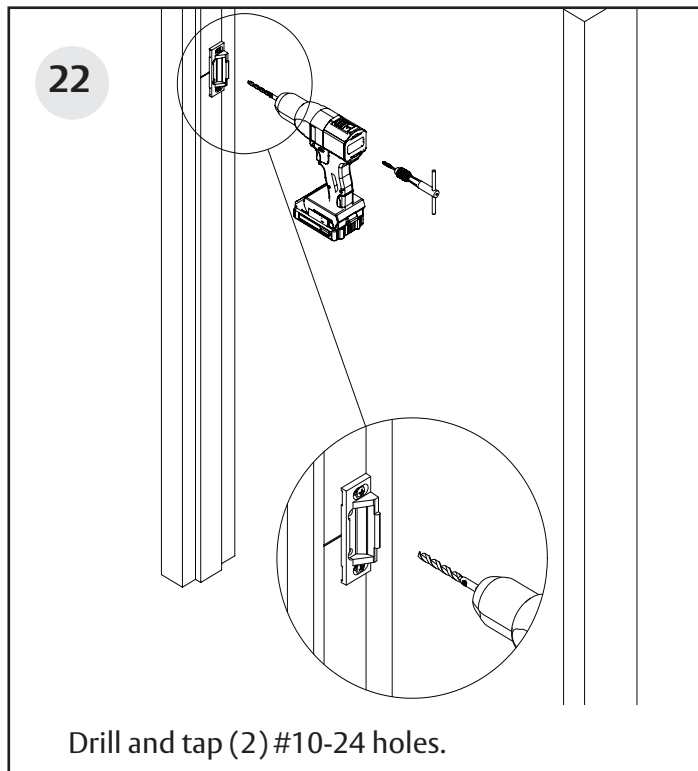
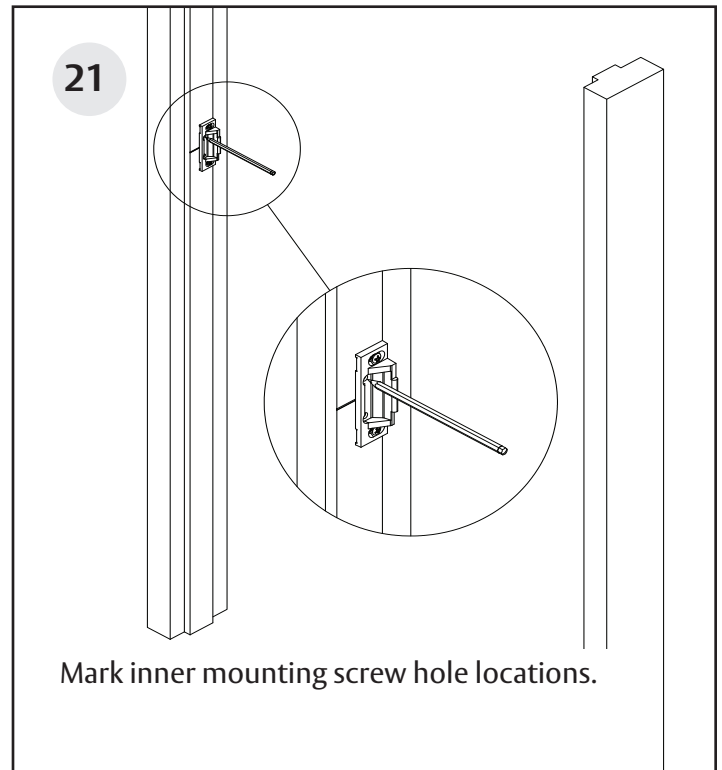
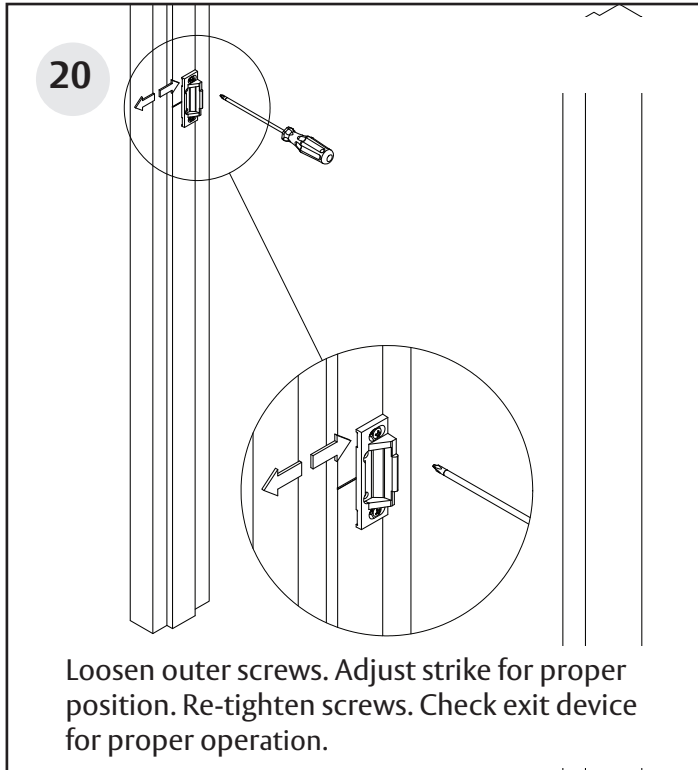
PE8800 & 12-PE8800 Series

Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

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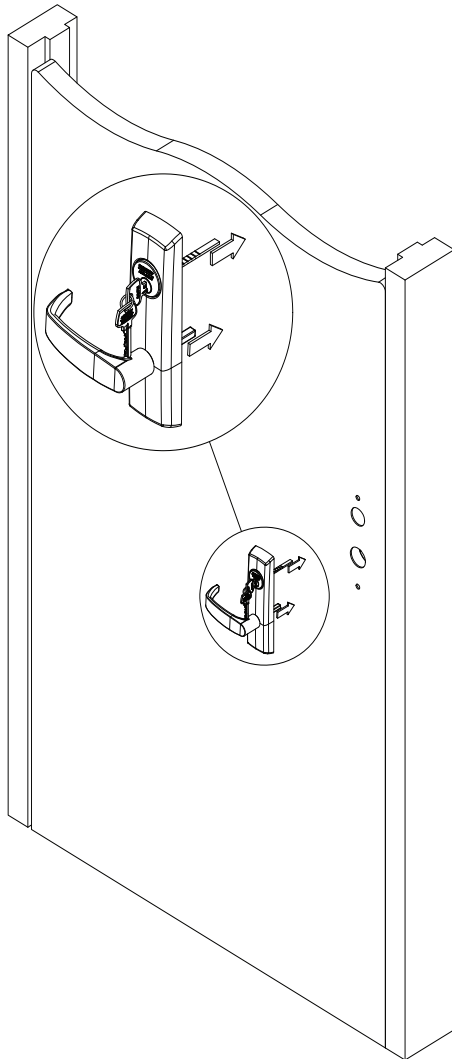
Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

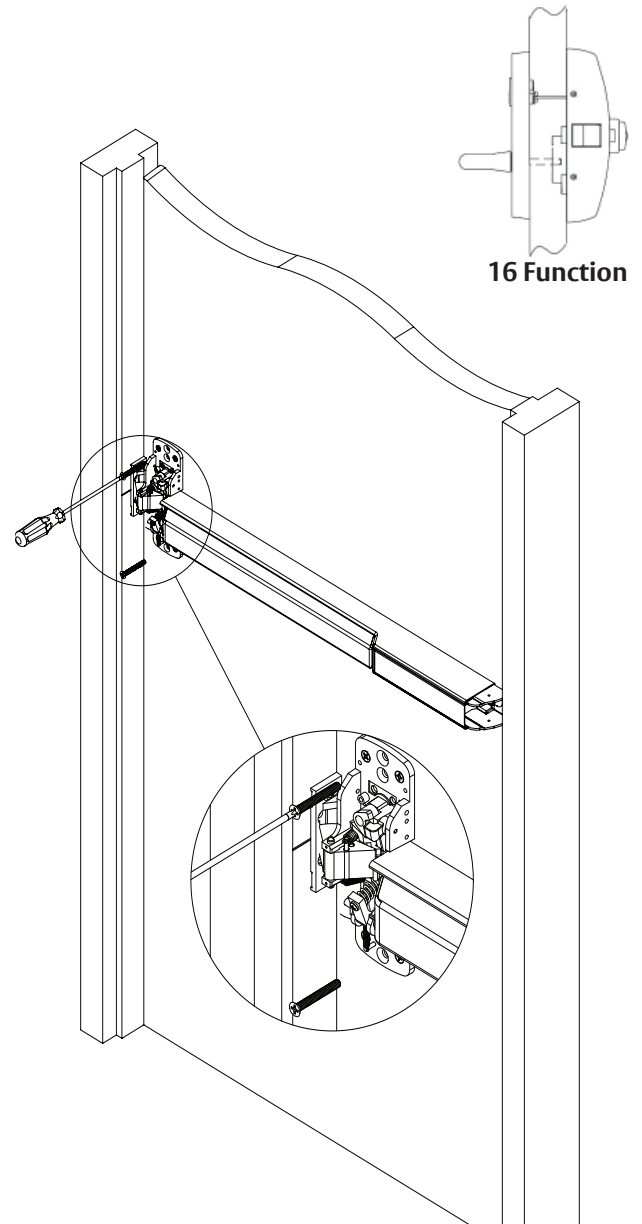
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24 Install P700 Exit Trim



Insert trim. Ensure lever spindle aligns with bell housing hub and rim cylinder tailpiece aligns with upper spindle hub in chassis (if used).



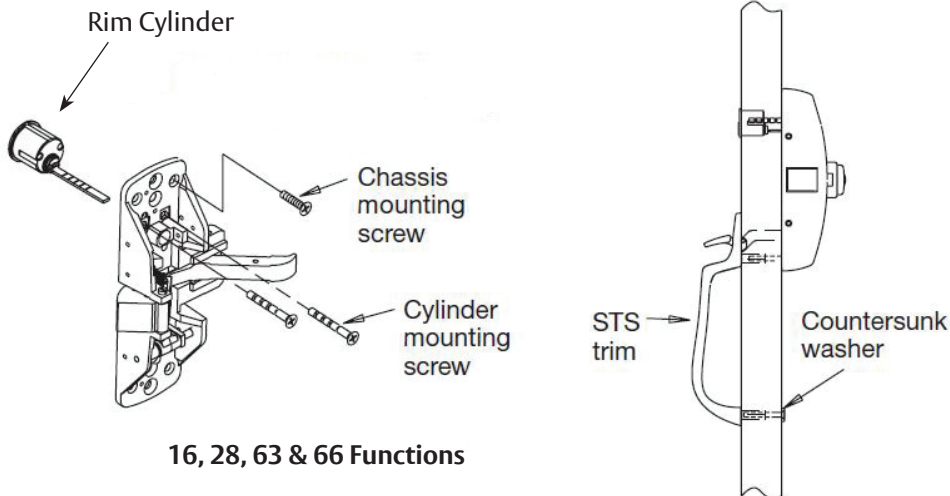
Secure trim with (2) 1/4 - 20 flat head machine screws through chassis. If used, attach rim cylinder through chassis with screws provided with cylinder.

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24a Install 800 Series Thumbpiece Trim

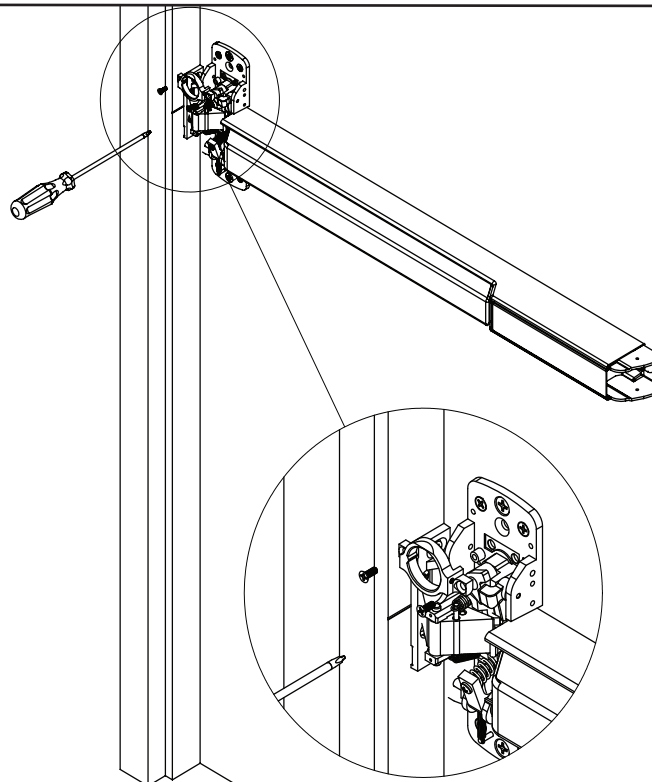


Mount rim cylinder with (2) screws through chassis.

28, 63 & 66 Function

25 Install Chassis Cylinder (PE8816 & PE8866 only)

Install cylinder support with (2) #8-32 flat head machine screws.



A8296A 2/23

PE8800 & 12-PE8800 Series

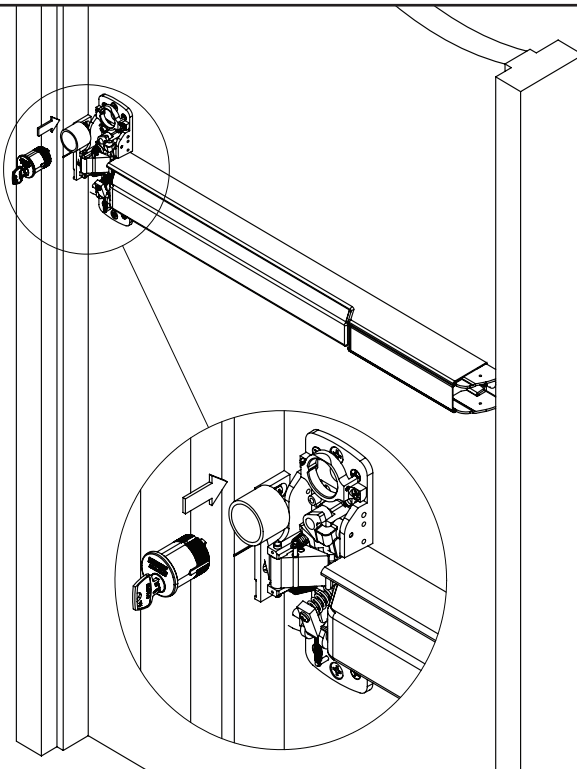
Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

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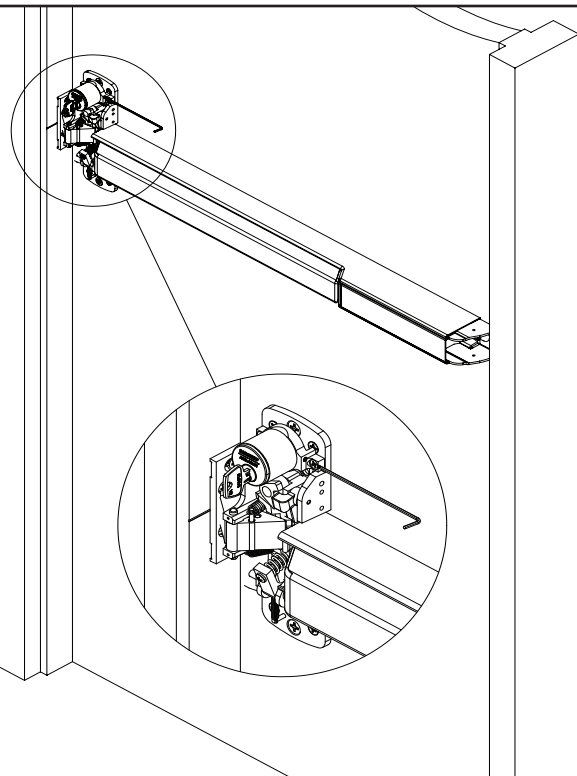
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26



Insert mortise cylinder through blocking ring into cylinder support.

27



Tighten set screw with 5/64" wrench.

A8296A 2/23

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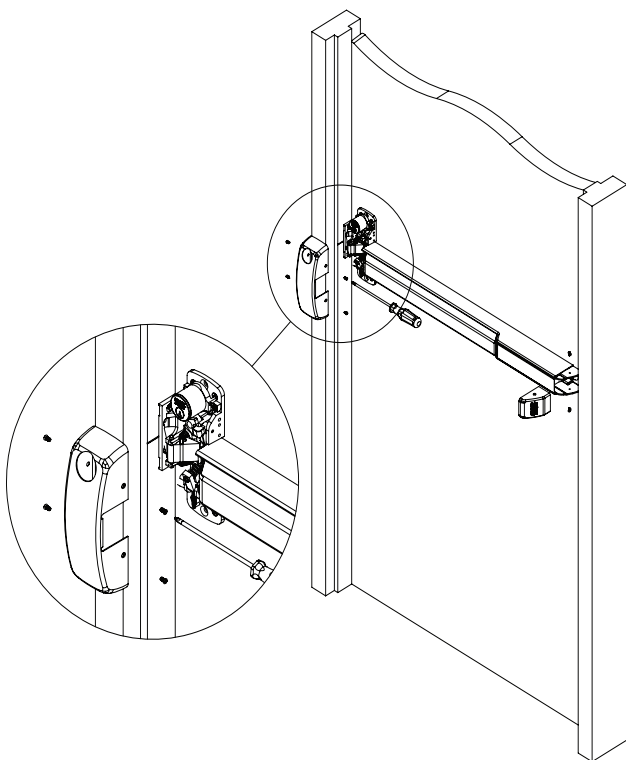
Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

SARGENT

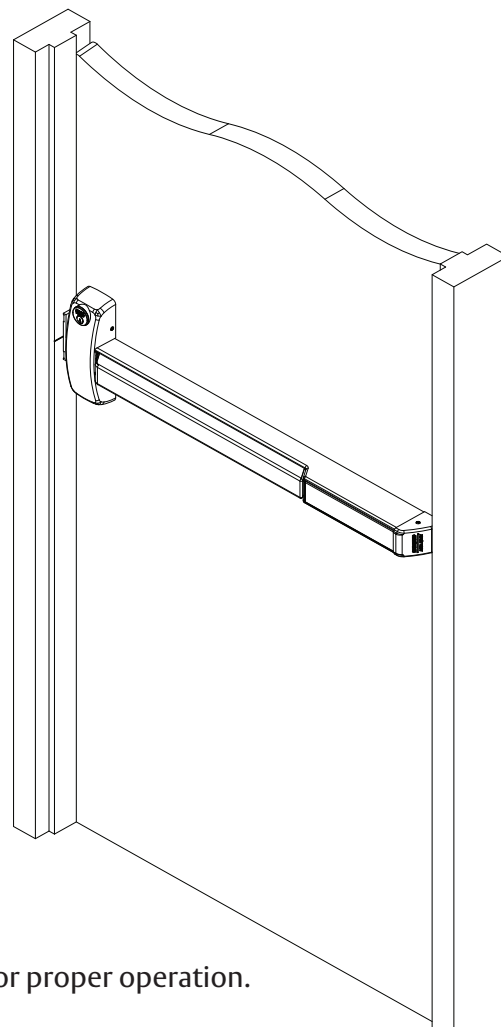
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28 Install Covers



Attach chassis cover and end cap using (6) #8-32 machine screws.

29



Check for proper operation.

PE8800 & 12-PE8800 Series

Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

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Rim Exit Device for 16, 28, 63, & 66 Functions

Installation Instructions

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