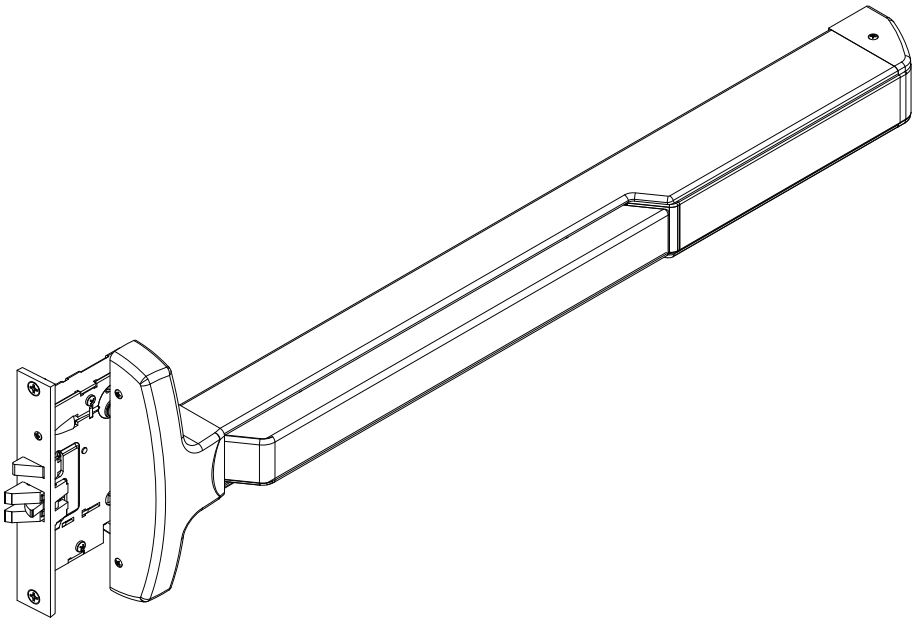
Installation Instructions

SARGENT
ASSA ABLOY

PE8300 & 12-PE8300 Series

Mortise Lock Type Exit Device



⚠ 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.

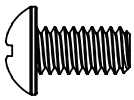
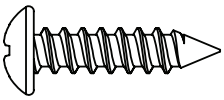
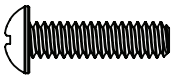
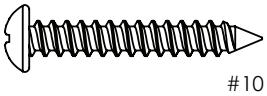
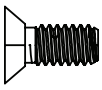
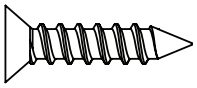
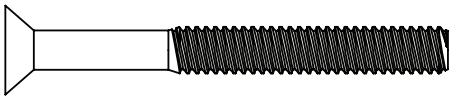
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A8303-1 5/23

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Screw Chart

SCREW	TOTAL QTY SUPPLIED	WHERE USED
 1/4" X 1/2" ROUND HEAD MACHINE SCREW	2	(2) CHASSIS (METAL DOOR)
 1/4"-10 X 1" ROUND HEAD WOOD SCREW	2	(2) CHASSIS (WOOD DOOR)
 #10-24 X 3/4" ROUND HEAD MACHINE SCREW	2	(2) REAR MOUNTING PLATE (METAL DOOR)
 #10 X 1-1/4" ROUND HEAD WOOD SCREW	2	(2) REAR MOUNTING PLATE (WOOD DOOR)
 #12-24 X 1/2" FLAT HEAD MACHINE SCREW	4	(2) 908 STRIKE (METAL FRAME) (2) MORTISE LOCK BODY (METAL DOOR)
 #10 X 1" FLAT HEAD WOOD SCREW	4	(2) 908 STRIKE (WOOD FRAME) (2) MORTISE LOCK BODY (WOOD DOOR)
 #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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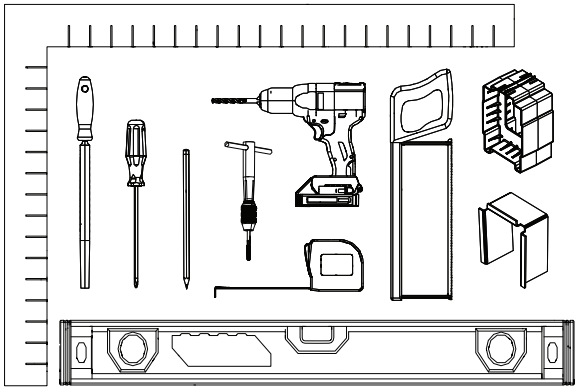
PE8300 Series

Mortise Lock Type Exit Device

Installation Instructions

SARGENT
ASSA ABLOY

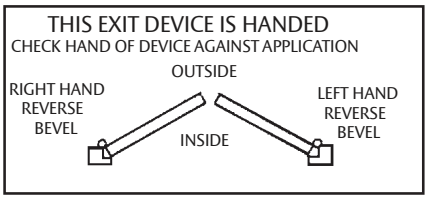
Tools Needed



Support Block (Provided)

Rail Cutting Guide (Provided)

PE8300 & 12-PE8300 Exploded View



Left hand reverse bevel illustrated

"Lock Down Key"
To operate: Depress pushrail; insert hex key, and turn counter clockwise.
Attention:
Not available with 12- (Fire Rated) PE8300 Exit Devices.

16-Cylinder Lockdown
(Exploded View for Clarity)

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Product Overview

Before installation:



1. Check hand of door. This device is handed and non-reversible.
2. Install mullion, if used.
3. Fit and hang door.
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.

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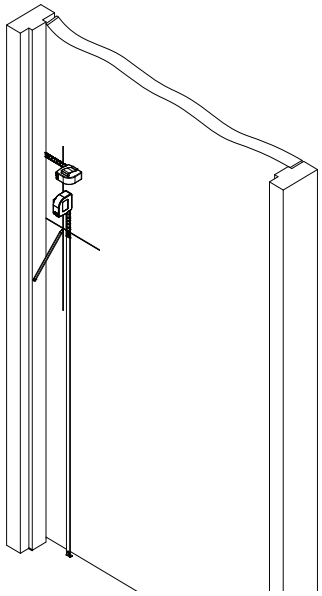
PE8300 Series

Mortise Lock Type Exit Device

Installation Instructions

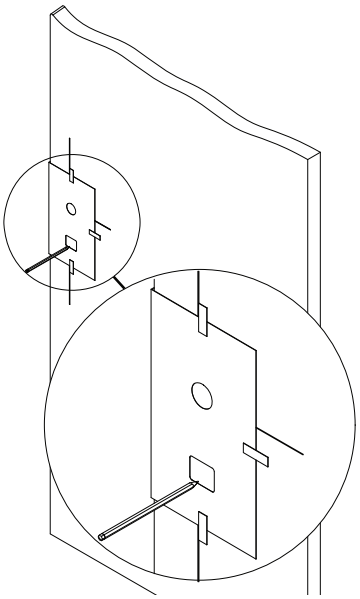
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1



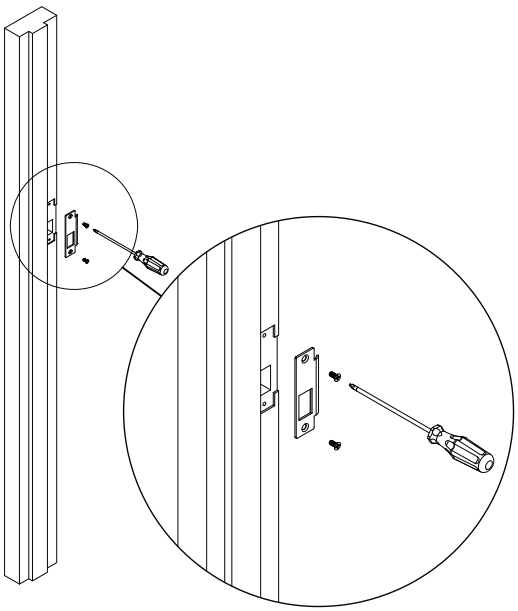
Obtain dimension to finished floor from template or from relationship to strike prep. Mark vertical centerline by measuring 2 3/4" off of the door edge.

2



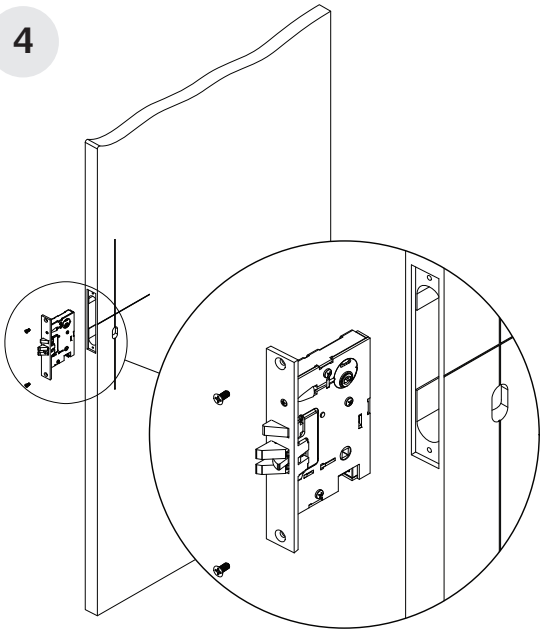
Place template against frame, centered on the line marked in Step 1. Mark and prepare door according to template.

3



Install the strike to door frame using flat head #12-24 x 1/2" long screws.

4



Install the mortise lock body using flat head #12-24 x 1/2" long screws.

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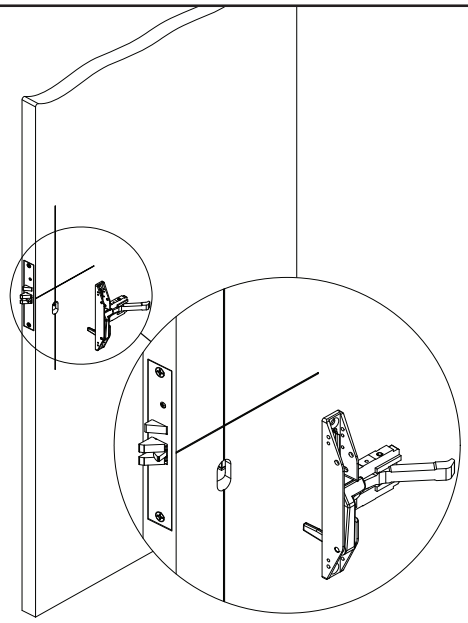
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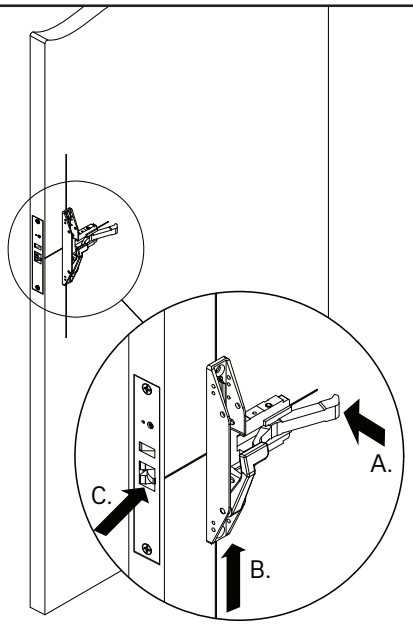
ASSA ABLOY

5



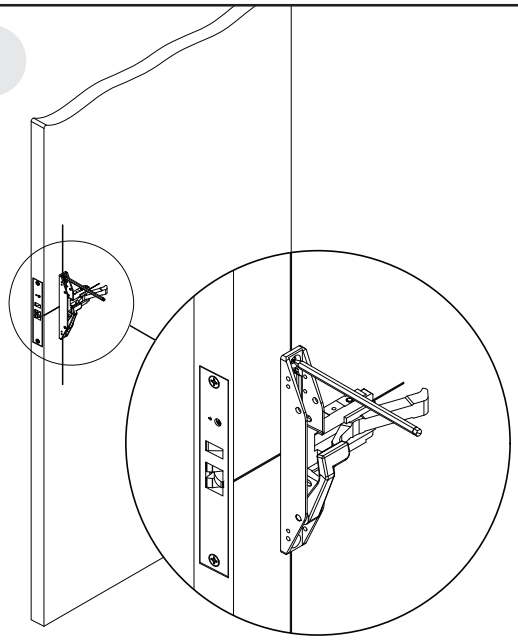
Insert chassis lever into door prep opening underneath the mortise lock lever.

6



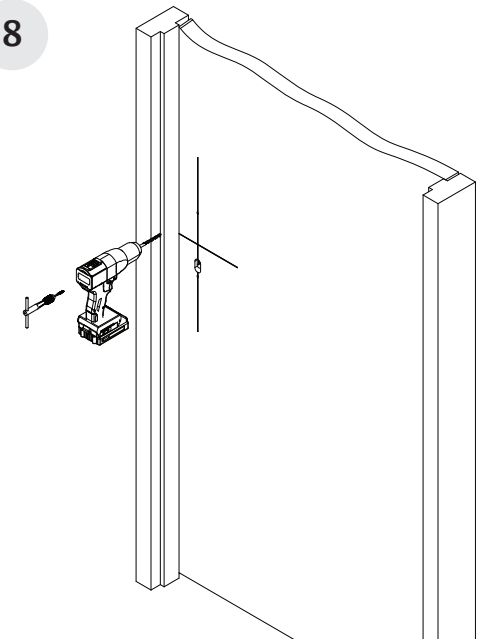
A. Depress the chassis lift arm.
B. Slide chassis upwards until mortise latch bolt is fully retracted (C).

7



While maintaining chassis position set in Step 6, mark chassis mounting holes.

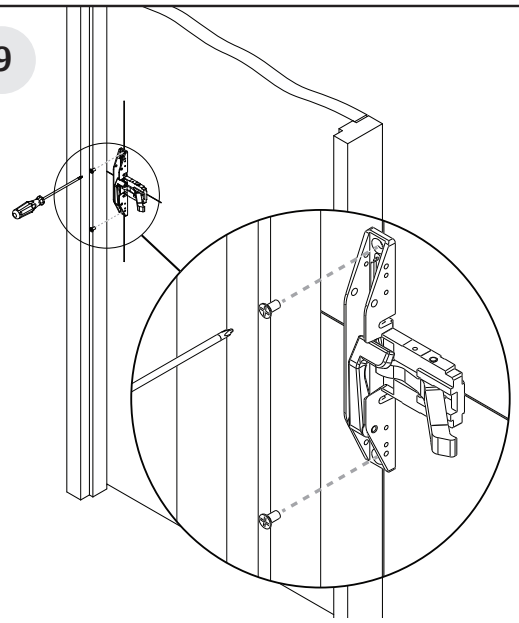
8



Drill and tap 1/4-20 holes in previously marked chassis locations.

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9



Install chassis to the door using 1/4-20 round head screws supplied. **Do not fully tighten screws.**

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Rail cutting guide

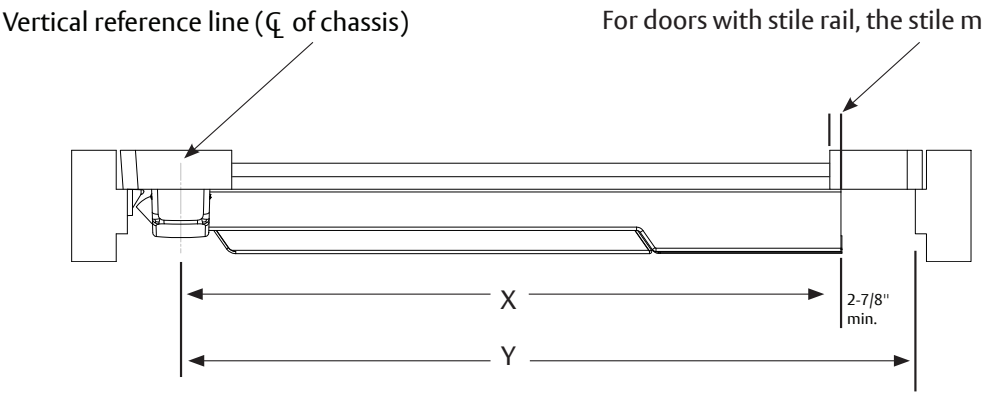
If the rail doesn't need to be cut, continue to page 9, step 10.
If the rail must be cut, follow these steps on page 7 and 8:

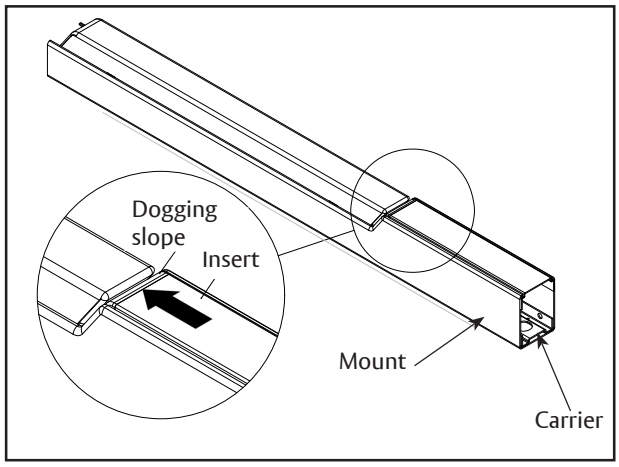
Refer to the individual exit device installation instructions for rail cutting requirements / restrictions. Instructions will vary based on device type and options.

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

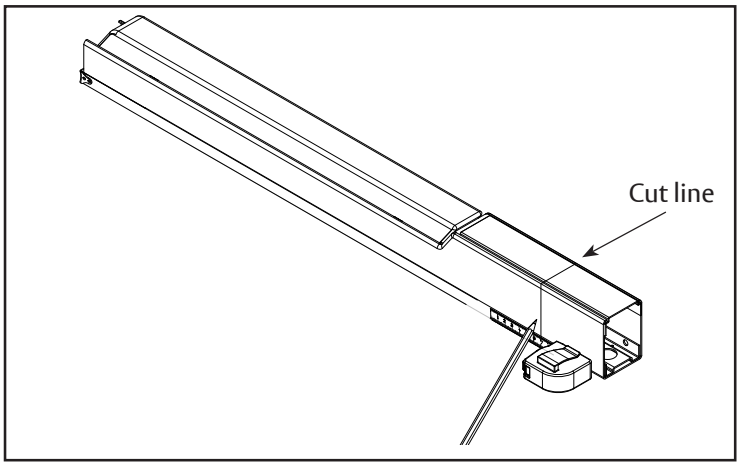
⚠ Do not cut closer than 1-5/8" from the the front edge of the rail insert.

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





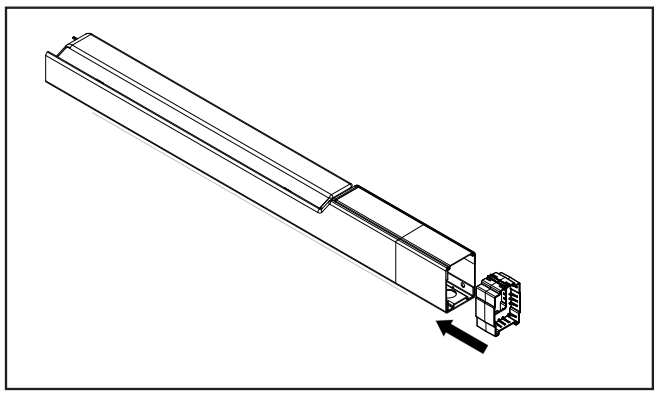
A. Ensure there isn't a gap between the insert and the dogging slope, and the carrier is flush with the mount.



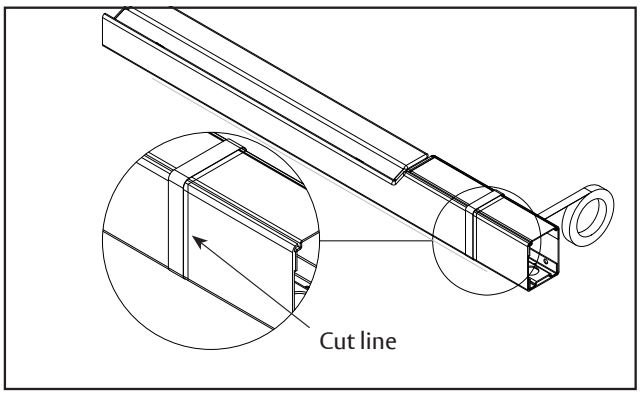
B. Mark rail at the required cut length.

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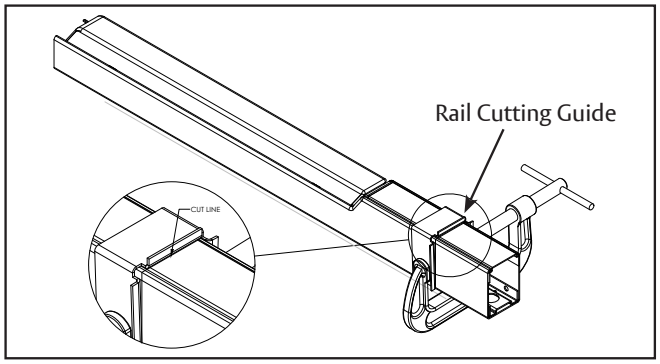
Rail cutting guide, continued.



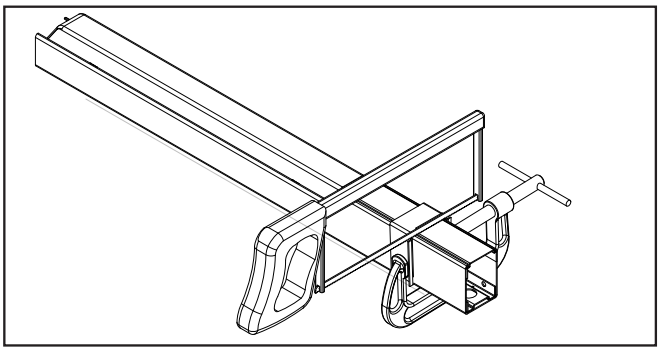
C. Ensure plastic insert support is installed under the cut line.



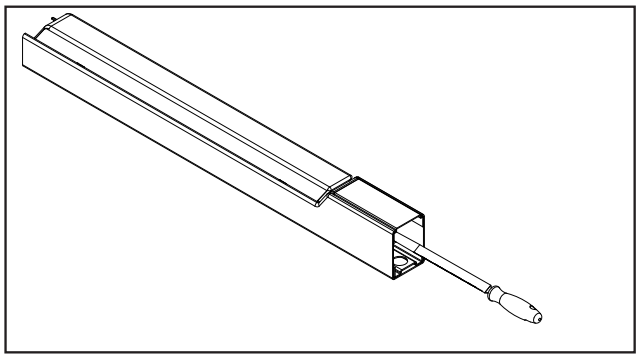
D. Wrap the rail and insert in masking tape, as shown.



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.



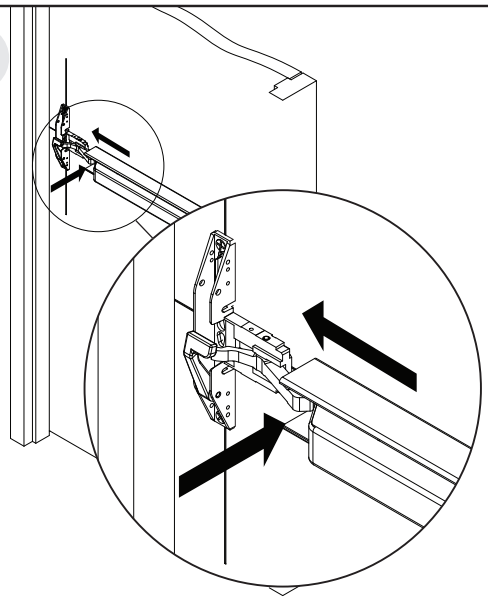
F. Using a hack saw with a new blade or a chop saw with a metal cutting blade, cut the rail, ensuring that the blade stays pressed against the rail cutting guide.



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

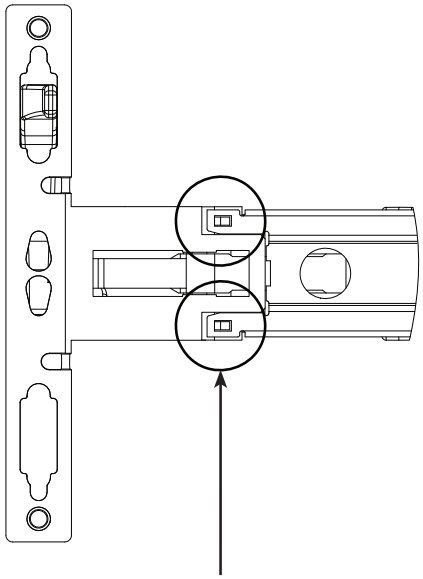
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10



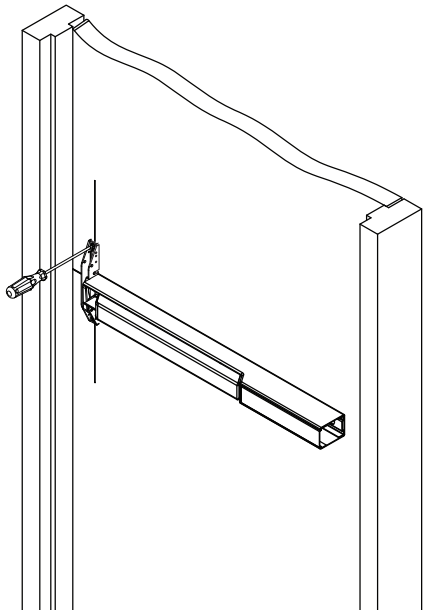
Depress chassis lift arm. Slide rail assembly onto chassis.

11



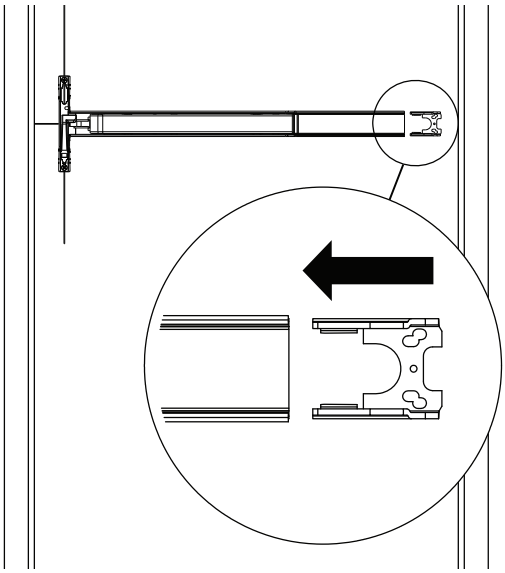
Ensure rail carrier tabs are aligned with chassis.

12



Fully tighten chassis screws.

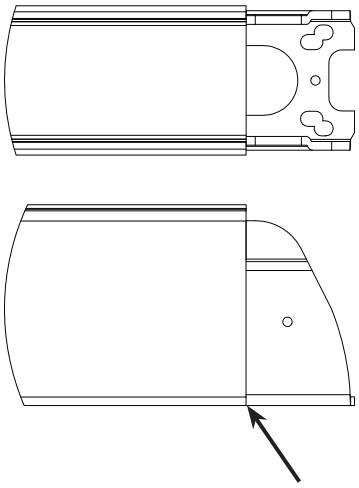
13



Insert the end cap bracket into the rail assembly.

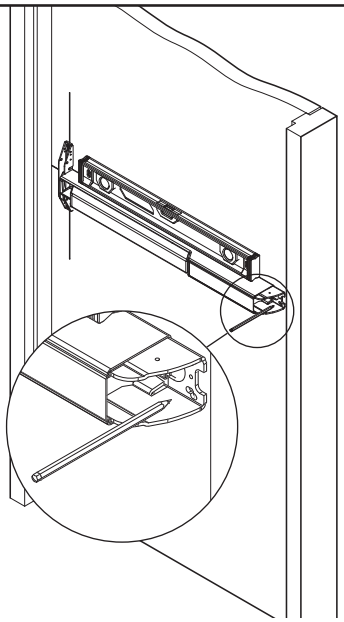
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14



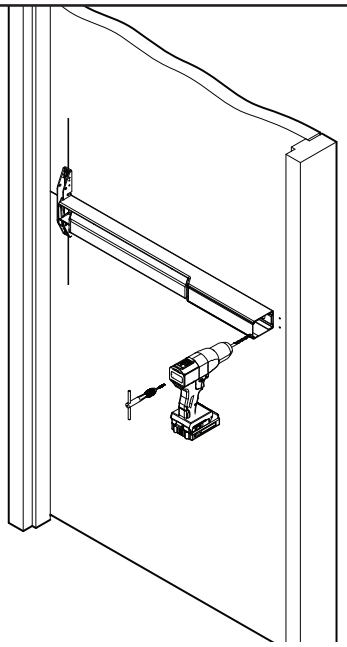
Ensure mounting rail bracket is against the rail without a gap.

15



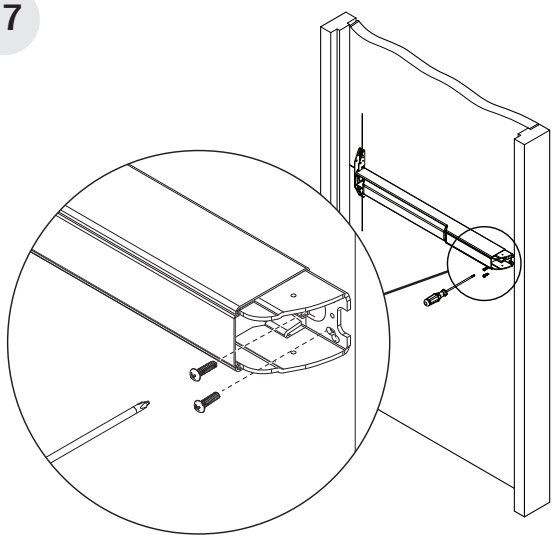
Level the rail and mark mounting holes, using the bracket as a guide.

16



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

17

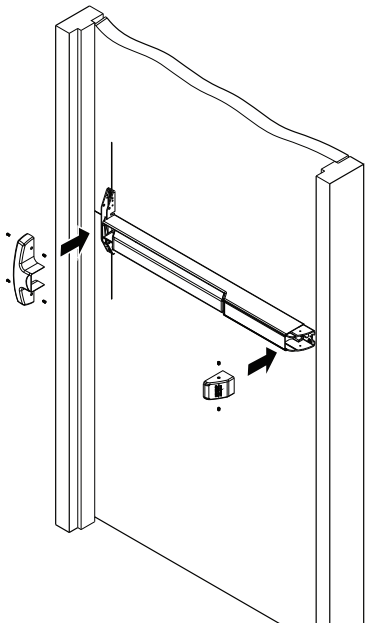


Install end cap bracket using supplied round head Phillips #10-24 x 1'' screws.

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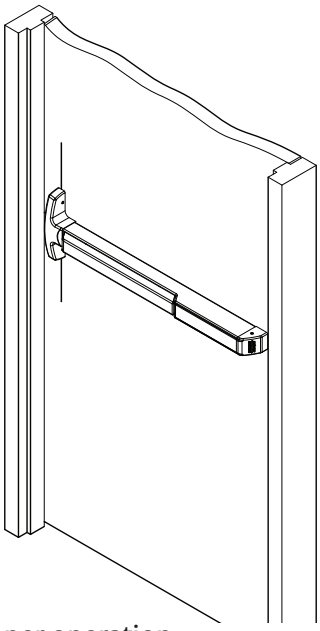
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18



Install chassis cover and end cap using supplied #8-32 x 5/16" oval head screws.

19



Check for proper operation.

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