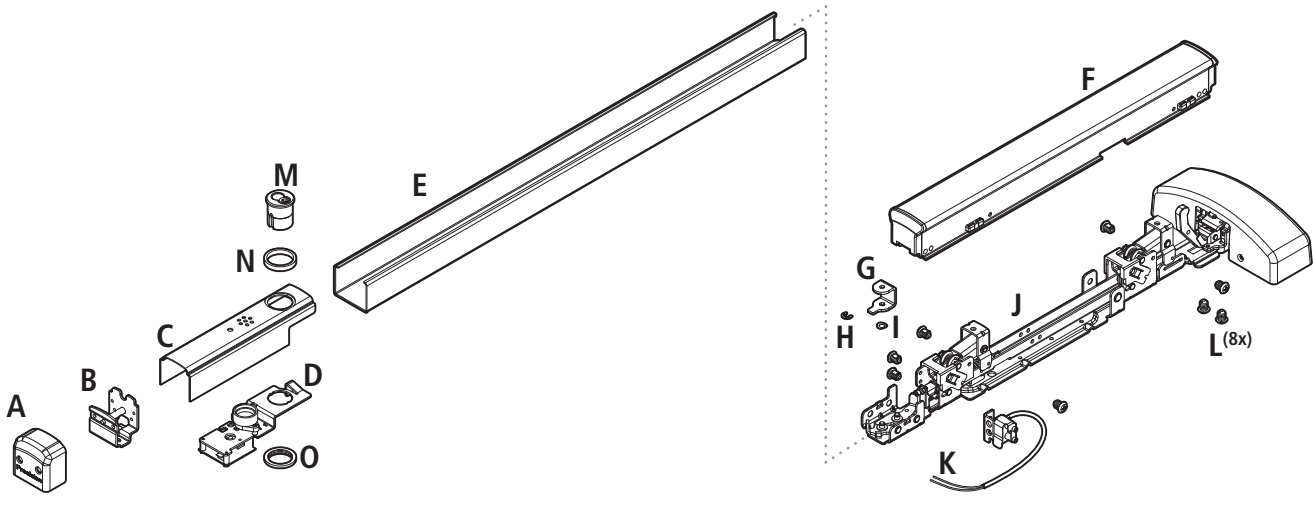
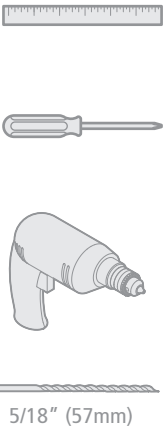


Exit Alarm Installation Instructions
Series ALK, NALK, ALW, NALW

Tools Needed



A	End Cap
B	Bracket
C	Hinge Filler
D	Alarm Chassis Assembly
E	Device Channel
F	Touchbar
G	Dogging Bracket
H	E-Clip
I	Spring Washer
J	Exit Device Assembly
K	Touchbar Monitoring Assembly
L	Screws
M	Cylinder
N	Blocking Ring
O	Cylinder Nut

1 Power Requirements: ALK and NALK are battery operated. The ALW and NALW are remote power operated exit alarms. They require an external power source of 12VDC to 24VDC or 24VAC at .25 amp. and a power transfer (part no. EPT-2 or EPT-5) or a two conductor power transfer hinge.

2 Options:
Note: WH-495 wiring harness and power transfer is required.
Remote Activation: Triggers alarm with other inputs (e.g. door position switch).
Remote Arm/Disarm: Alarm can be turned on (armed) or off (disarmed) remotely (e.g. control panel).

Arm/Disarm Indicator
Armed:
Slow flashing red
Arming (20 sec.):
Flashing green

ALK and NALK Units have an Audible Low Battery Indicator.

Remote Arm/Disarm
Remote Activation

3 Check the minimum door width. If the door width is less than shown, the Exit Alarm cannot be installed.

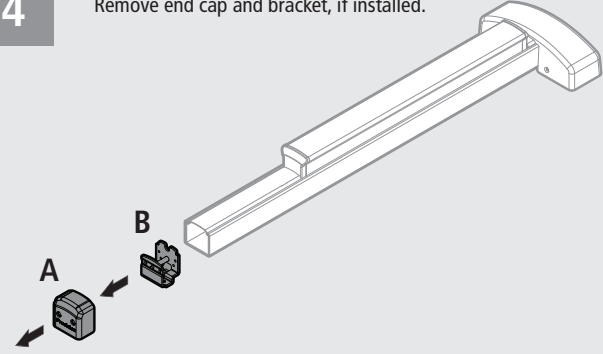
Apex Wide Stile Series:

Device Length	2'-6" (76cm) Std.	3' (91cm) Std.	4' (121cm) Std.
Minimum Door Width	30" (76cm)	36" (91cm)	40" (121cm)

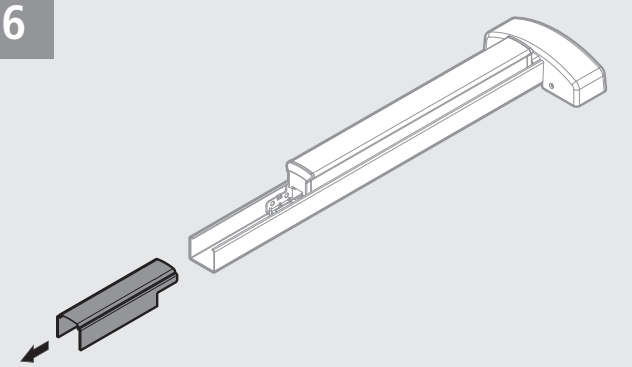
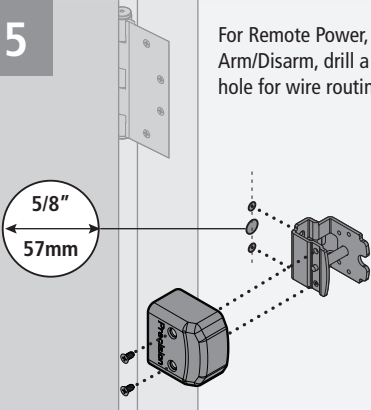
Apex Narrow Stile Series:

Device Length	2'-6" (76cm) Std.	3' (91cm) Std.	4' (121cm) Std.
Minimum Door Width	N/A	34" (86cm)	38" (96cm)

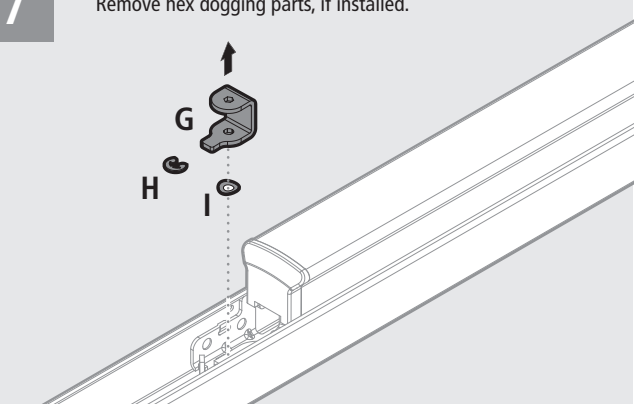
4 Remove end cap and bracket, if installed.



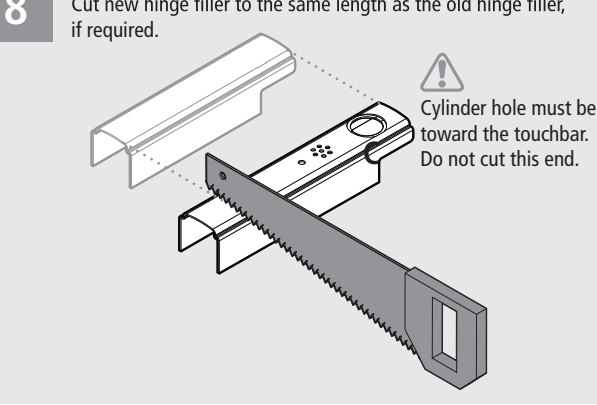
5 For Remote Power, Remote Activation or Remote Arm/Disarm, drill a 5/8" (57mm) Dia. hole for wire routing during installation.



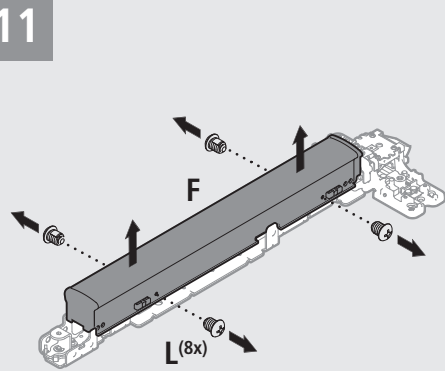
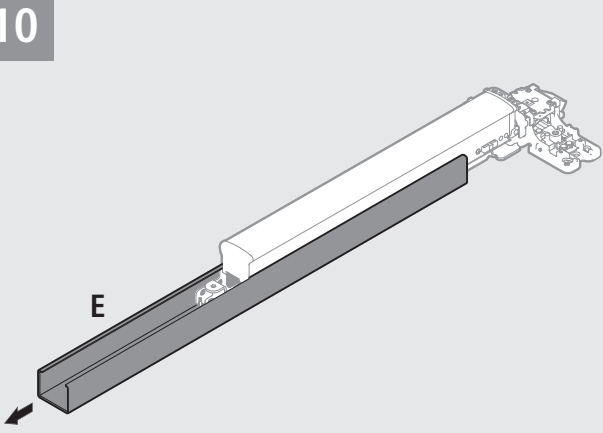
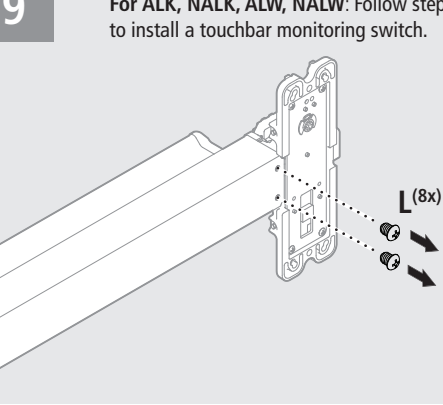
7 Remove hex dogging parts, if installed.



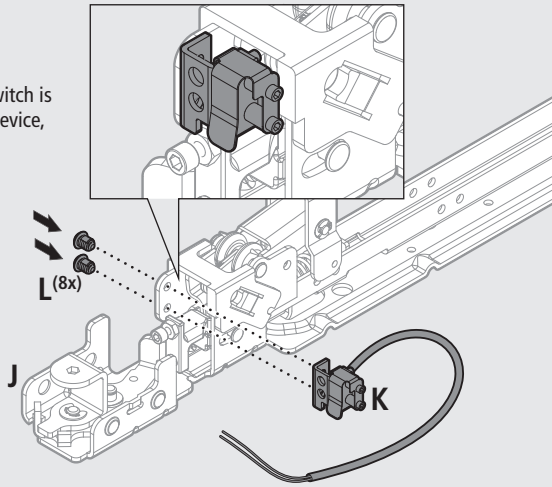
8 Cut new hinge filler to the same length as the old hinge filler, if required.



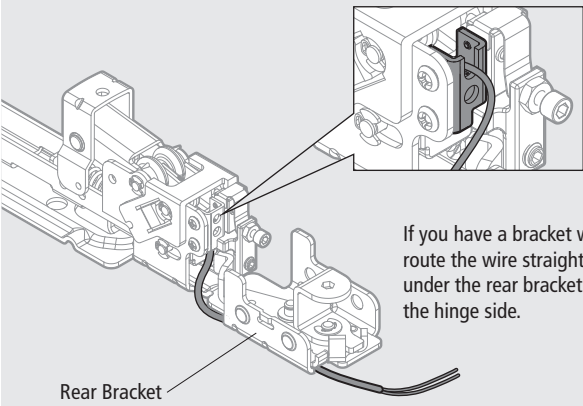
9 For ALK, NALK, ALW, NALW: Follow steps 8 through 16 to install a touchbar monitoring switch.



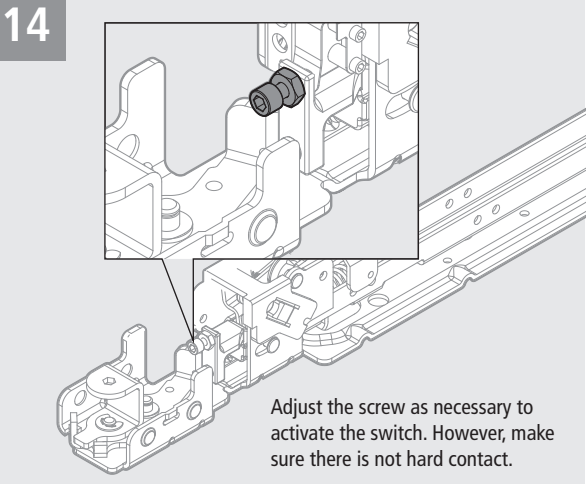
12 If touchbar monitoring switch is already installed on the device, skip to step #16.



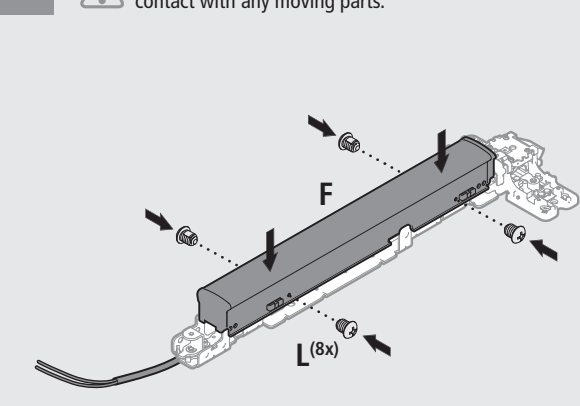
13 If you have a bracket with a slotted hole, route the wires through the top slotted hole and under the rear bracket towards the hinge side.



If you have a bracket with 2 holes, route the wire straight down and under the rear bracket towards the hinge side.

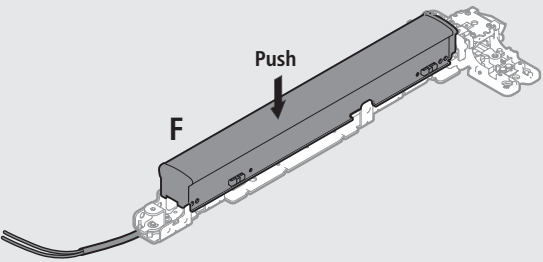


15 Do not pinch wires and ensure they are not coming in contact with any moving parts.

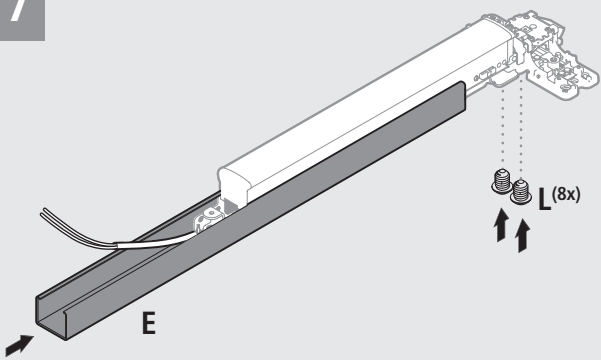


16

Check operation: Pushing the touchbar should cause a switch closure across the the wires.

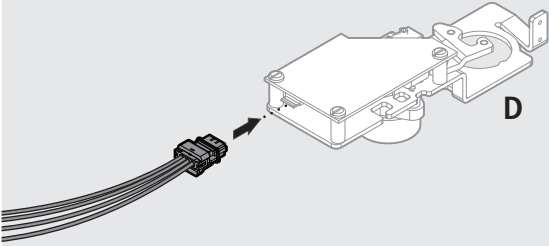


17




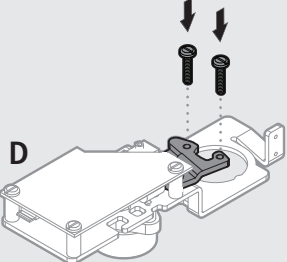
18

Optional for ALW, NALW, ALK, NALK: Connect optional WH-495 wiring harness if you have chosen either the remote activation or remote arm/disarm options or both.



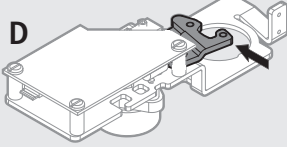
19

 **For FL or non-dogging devices only:** Install two #6-23 screws and tighten securely.



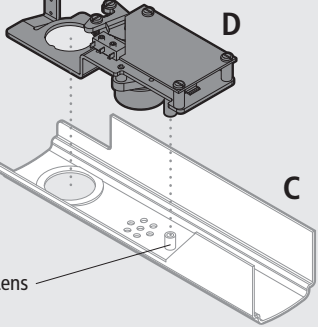
20

Place dogging cam in “Load” position. Push in the direction of the arrow until it “clicks” into position.



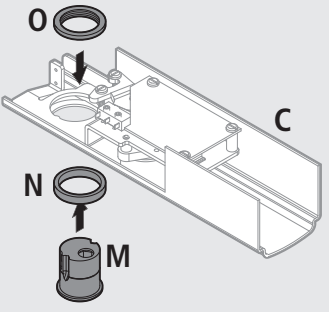
21

Align the lock cylinder hole and the LED with the LED lens and assemble alarm chassis in hinge filler.



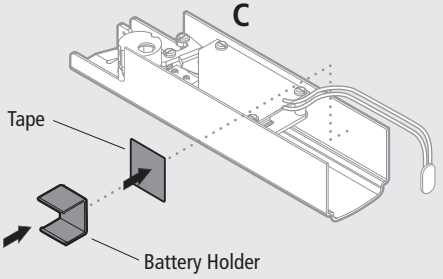
22

Insert lock cylinder with the cylinder core away from the touchbar end. Route the cylinder core through the blocking ring, the hinge filler and chassis holes. Secure with the cylinder nut.



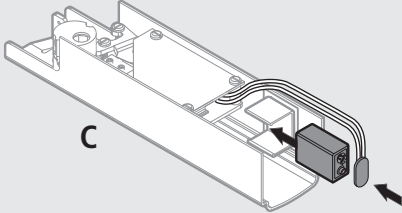
23

For ALK and NALK: Install battery holder with tape.



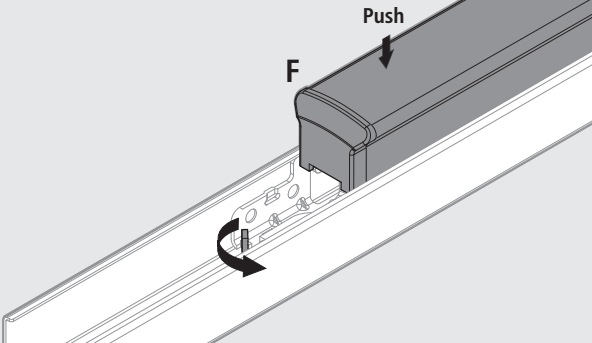
24

For ALK and NALK: Plug battery into battery connector and place into battery holder.



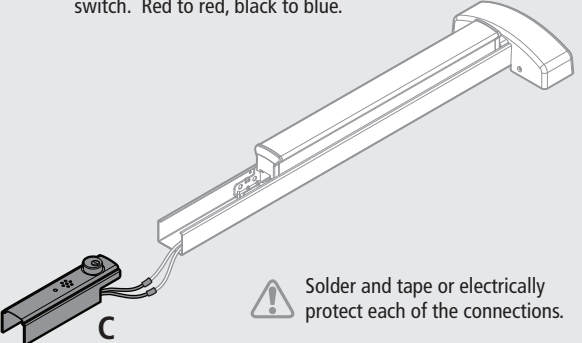
25

For devices with dogging, place the device in the dogged position by depressing the touchbar and rotating the dogging cam counter-clockwise.




26

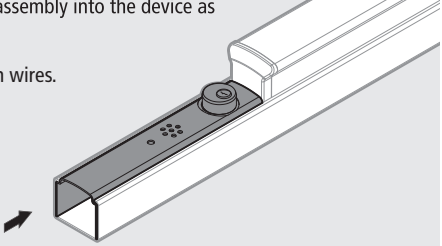
Connect the 2 wires from the alarm module to the 2 wires from the touchbar monitoring switch. Red to red, black to blue.



27

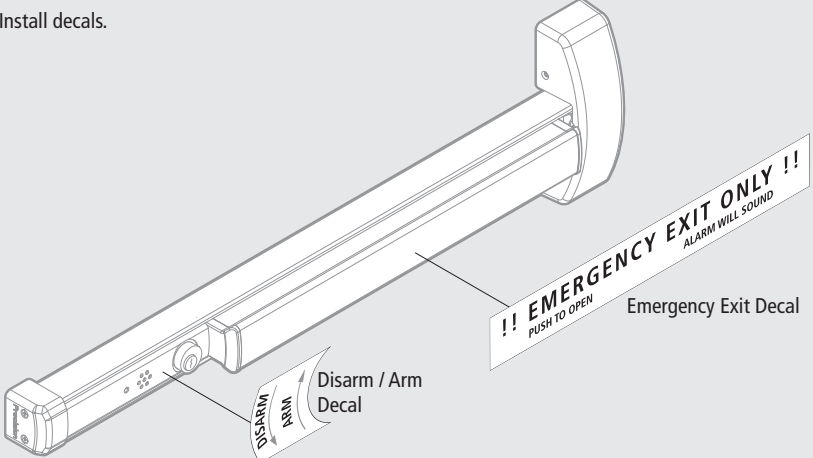
After connecting the alarm module to the touch bar monitoring switch, insert the hinge filler assembly into the device as shown.

 Do not pinch wires.



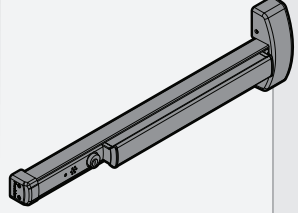
28

Install decals.



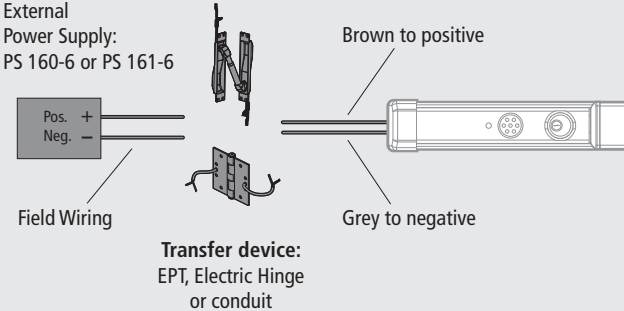
29

Mount device on door per installation instructions furnished with device.



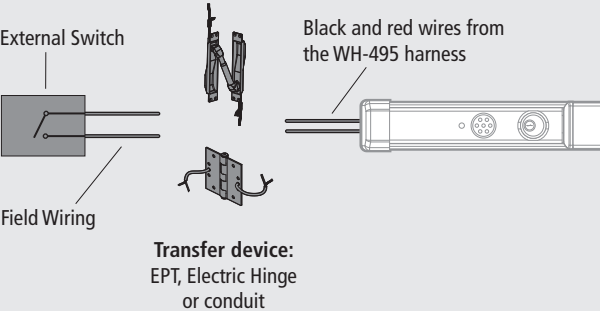
30

Power connections for ALW and NALW:
Power supply should be 24VDC, regulated and filtered Precision Hardware PS 160-6 or PS 161-6.
The wire run should be as short as possible and free from major electrical noise sources.



31

Remote activation for ALW, NALW, ALK, NALK:
Plug in the optional WH-495 wire harness (see Step 18).
The wire run should be as short as possible and free from major electrical noise sources.



32

Remote arm/disarm for ALW, NALW, ALK, NALK:
Plug in the optional WH-495 wire harness (see Step 18).
The wire run should be as short as possible and free from major electrical noise sources.

