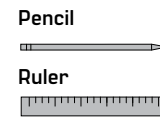
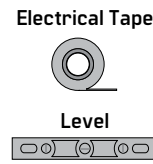
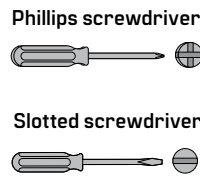
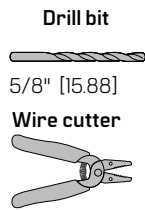


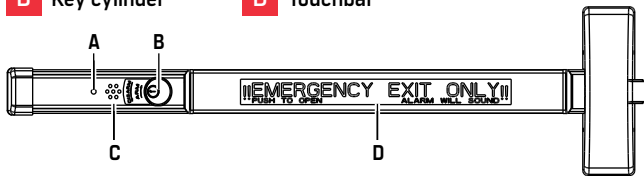
WALW Series: Weatherized Exit Alarm Installation Instructions

TOOLS NEEDED:



OVERVIEW

- A** Status indicator **C** Alarm sounder
B Key cylinder **D** Touchbar



Applying power

- Turn on external power supply. See step 5, "Wiring Details and Power Requirements."

Arming exit device

Key cylinder operation

- See step 2, "Installing Alarm in Filler" to install key cylinder.
- Turn key cylinder clockwise; key can be removed once it returns to horizontal position.

Remote arm/disarm (optional)

- See step 1, "Preparing Alarm," and step 5, "Wiring Details and Power Requirements."
- Provide a closed circuit to WALW exit alarm.
- After arming exit device, status indicator will flash green for approximately 20 seconds, during which device is unarmed to allow momentary egress.

- After 20 second period, status indicator will slowly flash red, indicating exit device is armed.

Arming exit device

- Push touchbar to trigger alarm.

Remote activation (optional)

- See step 1, "Preparing Alarm," and step 5, "Wiring Details and Power Requirements."
- Provide a closed circuit to WALW exit alarm and alarm will sound.

Disarming exit device

Key cylinder operation

- See step 2, "Installing Alarm in Filler" to install key cylinder.
- Turn key cylinder counterclockwise; key can be removed once it returns to horizontal position.
- Status indicator is off and exit device is unarmed.

Remote arm/disarm (optional)

- See step 1, "Preparing Alarm," and step 5, "Wiring Details and Power Requirements."
- Provide a closed circuit to WALW exit alarm.
- Status indicator is off and exit device is unarmed.

Dogging exit device

- Not available on fire rated devices.
- Push and hold touchbar down while turning key counterclockwise; key can be removed once it returns to horizontal position.

1 PREPARING ALARM

Remote arm/disarm or remote alarm connection

- 1.1 Connect WH-495 wiring harness, as shown in Fig. 1.

For FL devices and devices without dogging

- 1.2 Install two #6-32 screws and tighten securely, as shown in Fig. 1.

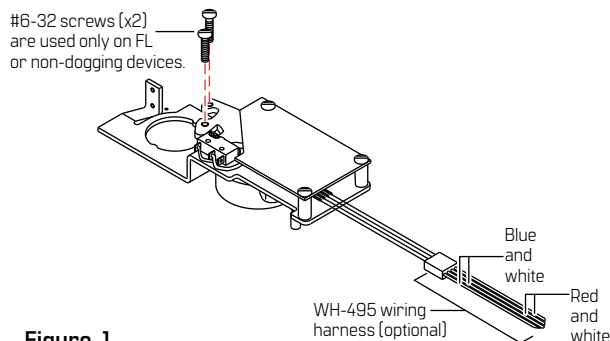


Figure 1

2 INSTALLING ALARM IN FILLER

- 2.1 Place cam in "load" position, as shown in Fig. 2.
- 2.2 Align cylinder hole in filler with cylinder hole in chassis.
- 2.3 Align LED with LED lens in filler.
- 2.4 Insert cylinder including cylinder core through blocking ring, filler hole, and chassis hole.
- 2.5 Secure assembly by tightening cylinder nut.

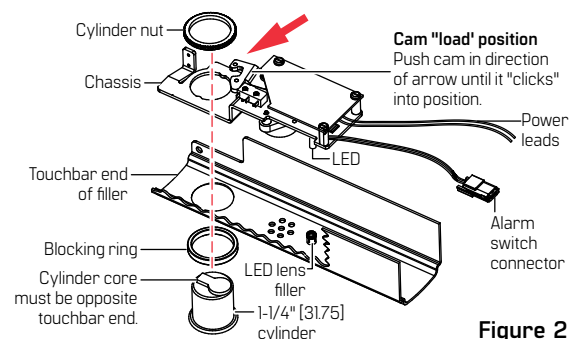


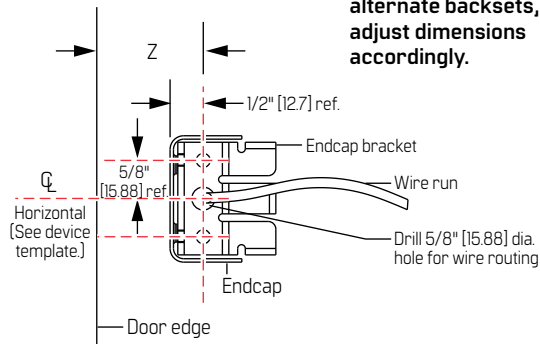
Figure 2

3 DRILLING WIRE RUN HOLE

**NOTE: Drilling wire run hole (5/8" [15.88] dia.)
For standard 3' or 4' doors**

- Wide stile device, 2-3/4" [69.85] backset.
Drill at Z = 2-1/4" [57.15].
- Narrow stile device on aluminum door/frame, 1/16" [1.59] backset: Drill at Z = 1-1/16" [26.99].
- Narrow stile device on hollow metal door/frame with channel cut to recommended clearance of 1-1/8" [28.58]:
Drill at Z = 2-1/8" [53.98].

Figure 3



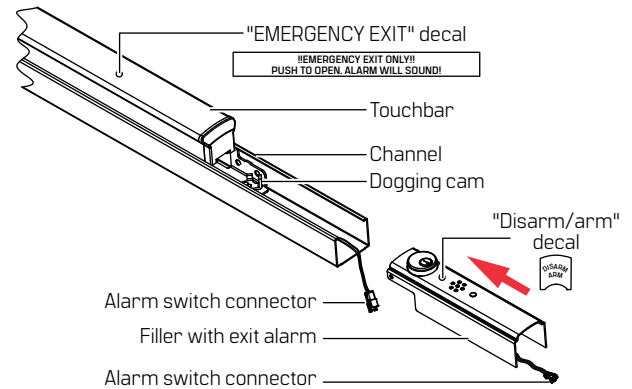
NOTE: For installations with a mullion or alternate backsets, adjust dimensions accordingly.

4 INSTALLING FILLER

NOTE: For devices with dogging, place device in "dogged" position by depressing touchbar and rotating dogging cam.

- 1 Insert alarm filler into device channel, ensuring that alarm switch wiring is not obstructed.
- 2 Connect two alarm switch connectors and place them inside alarm filler.
- 3 Apply decals, as shown in Fig. 4.
- 4 Mount device to door following device installation instructions.

Figure 4



5 WIRING DETAILS AND POWER REQUIREMENTS

Power supply connection

- 1 Use a regulated and filtered 24 VDC power supply (e.g., Precision Hardware PS-160-2).
- 2 Connect the positive wire to red wire and negative wire to black wire.
- 3 Ensure wire run is as short as possible and is free of major electrical noise sources.

Remote alarm

- 1 Plug in WH-495 wiring harness, as shown in Fig. 1.
- 2 Connect black and red wires from WH-495 harness to a normally open switch.
- 3 Ensure wire run is free of major electrical noise sources.

Remote arm/disarm

- 1 Plug in optional WH-495 wiring harness, as shown in Fig. 1.
- 2 Connect black and yellow wires from WH-495 harness to a normally open switch.
- 3 Ensure wire run is free of major electrical noise sources.

Figure 5

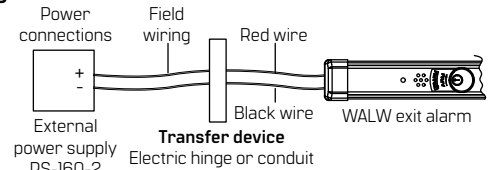


Figure 6

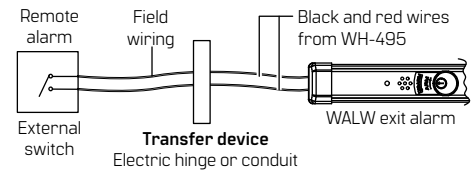
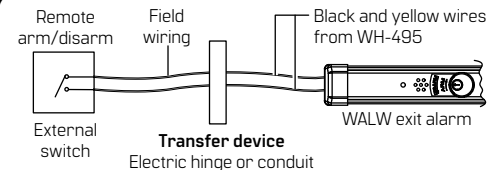


Figure 7



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