

VEX-8 LB NEMA Series

Installation Instructions

BARRON EXITRONIX
emergency lighting



IMPORTANT SAFEGUARDS READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

When using electrical equipment, basic safety precautions should always be followed including the following:

- **DISCONNECT AC POWER SUPPLY BEFORE SERVICING.**
- Installation and servicing of this equipment should be performed by qualified service personnel only.
- Ensure that the electrical wiring conforms to the National Electrical Code NEC® and local regulations, if applicable.
- Do not mount near gas or electrical heaters.
- Equipment should be mounted in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Any modification or use of non-original components will void the warranty and product liability.
- Do not use this equipment for other than intended use.
 - Allow battery to charge for 24 hours before first use.

SAVE THESE INSTRUCTIONS!

Technical Support ■ (623) 580-8943 ■ technicalsupport@barronltg.com

VEX-8 LB NEMA Series

Installation Instructions

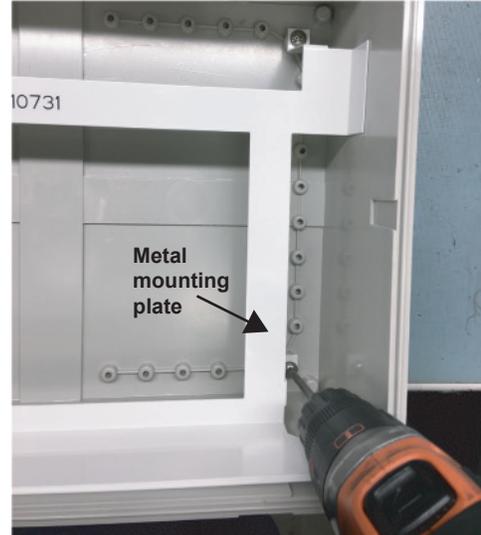
Assembly of VEX-8 LB inside NEMA enclosure for NY

1. Open the clear cover of the NEMA enclosure by flipping the plastic latches up. (Fig. 1)
2. Remove the metal mounting plate within the enclosure and set aside for later use. (Fig. 2 and 3)

Fig. 1



Fig. 2



3. Using the supplied enclosure mounting template on Page 9, choose the necessary holes for the J-box. (Fig. 4)

Fig. 3

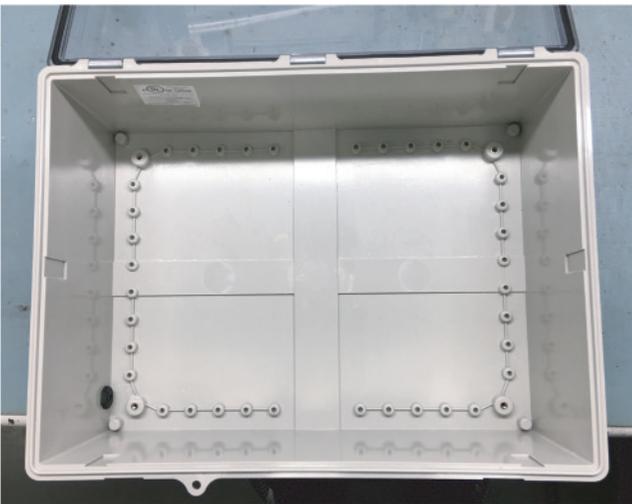
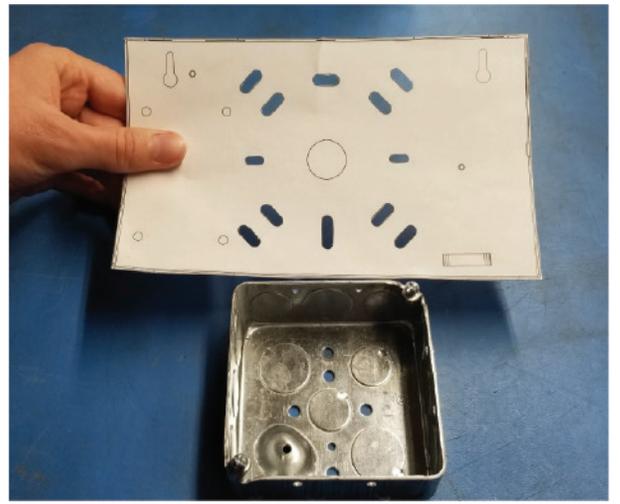


Fig. 4



VEX-8 LB NEMA Series

Installation Instructions

4. Center the template on the back of the NEMA box. (Fig. 5)

5. After centering the template, mark the location of the necessary holes onto the NEMA box. (Fig. 6)

Fig. 5

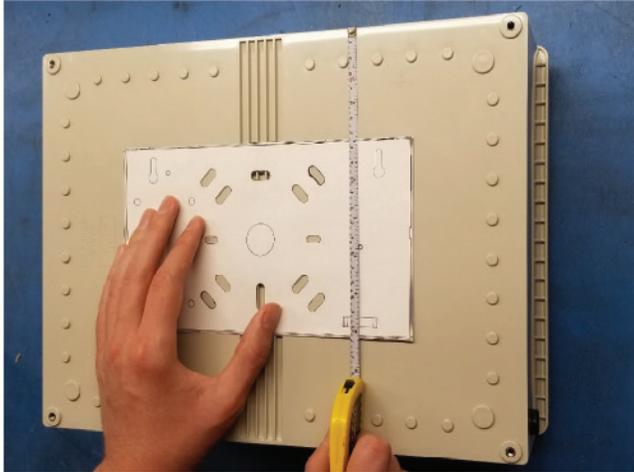
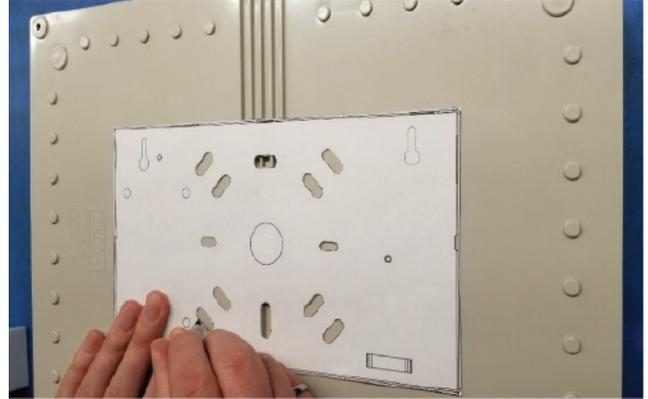


Fig. 6



6. Drill holes at the marked locations, as well as a hole in the center for the wires to pass through. (Fig. 7)

7. With the holes drilled, pass the wires from the J-box through the center hole. (Fig. 8)

Fig. 7



Fig. 8



VEX-8 LB NEMA Series

Installation Instructions

8. Secure the NEMA enclosure to the J-box using the necessary hardware (provided by others). (Fig. 9)

9. Reinstall the metal mounting plate using the supplied screws. (Fig. 10)

Fig. 9



Fig. 10



10. Remove the front face of the VEX fixture using a screwdriver. (Fig. 11 and 12)

Fig. 11



Fig. 12

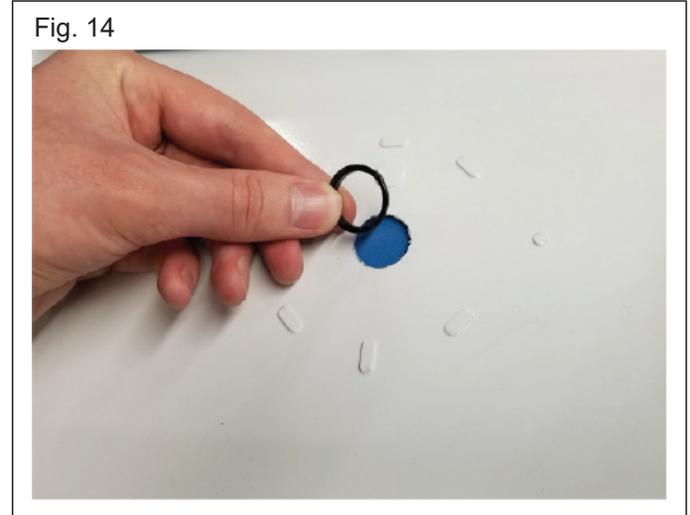
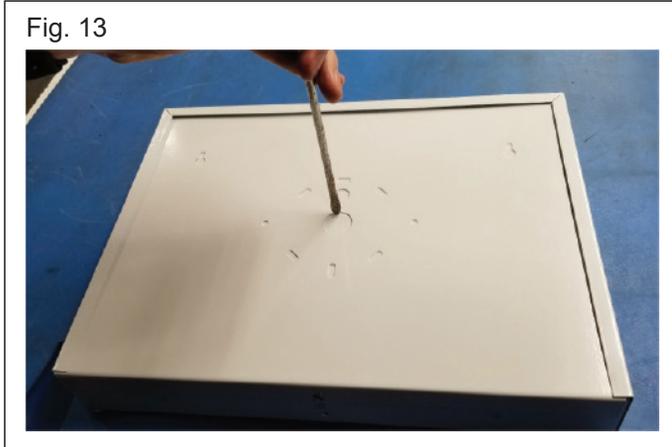


VEX-8 LB NEMA Series

Installation Instructions

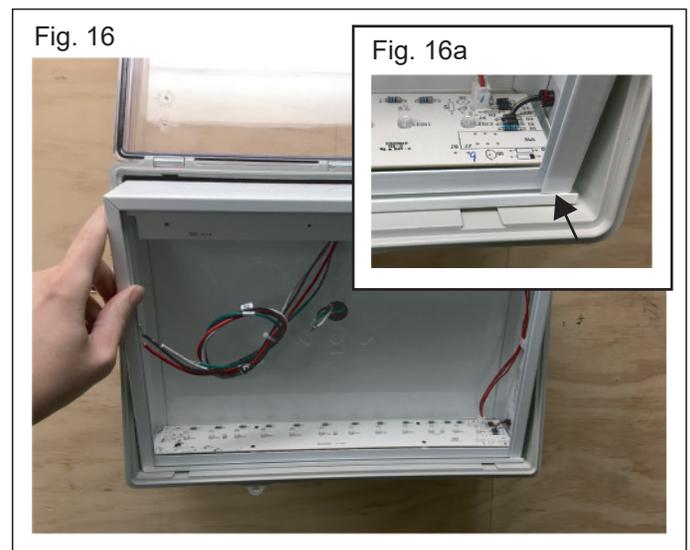
11. Remove the center knockout from the back of the fixture. (Fig. 13)

12. Remove any burrs from the hole (if necessary) and insert the plastic grommet. (Fig. 14)



13. Pass the wires from the J-box through the center hole of the VEX EXIT sign. (Fig. 15)

14. Place the VEX EXIT sign on the mounting plate, making sure the sign sits behind the front lip of the mounting plate. This will make it easier to make the wire connections. (Fig. 16 and 16a)



VEX-8 LB NEMA Series

Installation Instructions

15. All electrical connections should be made inside the J-box. Make electrical connections as follows: (Fig. 17)

- Black - 120VAC
- Red or Orange - 277VAC
- White - Common
- Green - Ground

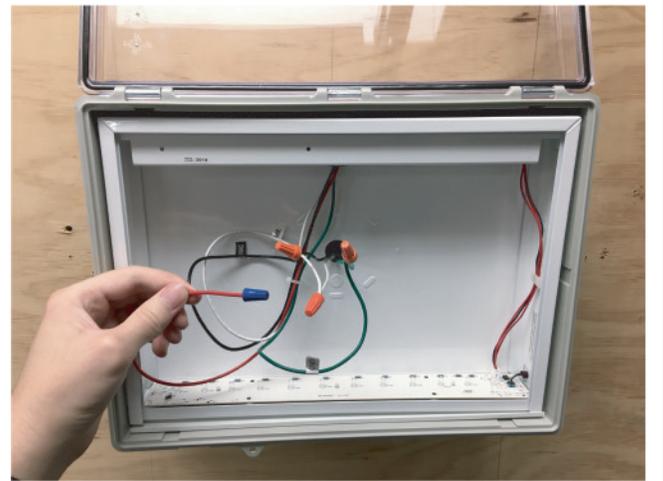
Note: Cap unused leads to prevent shorting.

16. With the proper connections made, push the wires through the backplate. (Fig. 18 and 19)

Fig. 17



Fig. 18



17. Lift the VEX EXIT sign fixture out of the metal mounting plate. At this time, the wires can be concealed within the J-box (all power supply wire connections need to be made inside the J-box). (Fig. 20)

Fig. 19



Fig. 20



VEX-8 LB NEMA Series

Installation Instructions

18. Reinstall the front face of the fixture. (Fig. 21)

19. Place the VEX EXIT sign fixture back onto the metal mounting plate, again being sure it sits behind the front lip of the mounting plate. Slide the two plastic stoppers into the slots in the NEMA box, as shown. These prevent the fixture from falling forward. (Fig. 22)

Fig. 21



Fig. 22



20. Close the lid of the NEMA enclosure. (Fig. 23)

21. Secure the lid by closing the two plastic latches. (Fig. 24)

22. Install tamper resistant screw through the holes found within the lid. (Fig. 24a)

Fig. 23



Fig. 24



VEX-8 LB NEMA Series

Installation Instructions

23. Apply silicone to seal the enclosure against the mounting surface in order to prevent water from getting to the J-box.
(Fig. 25)

24. Turn the power ON and ensure that the sign is illuminated. (Fig. 26)

Fig. 25



Fig. 26



VEX-8 LB NEMA Series

Installation Instructions



Mounting Template

