IMPORTANT SAFEGUARDS
READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

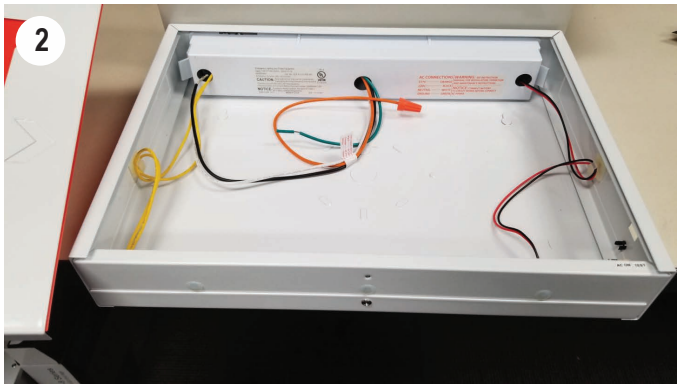
When using electrical equipment, basic safety precautions should always be followed including the following:

- **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.

SAVE THESE INSTRUCTIONS!

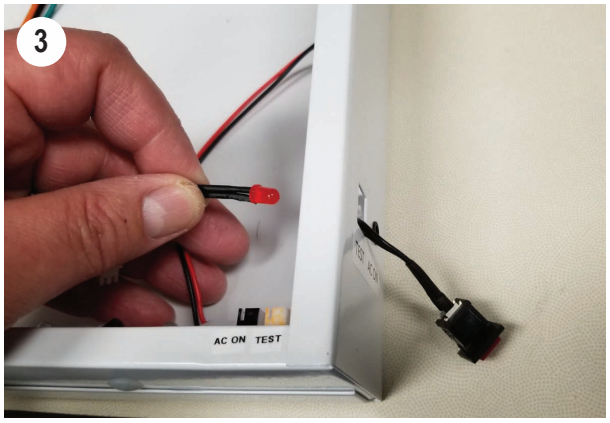
Assembly of VEX-8 inside NEMA enclosure for NY

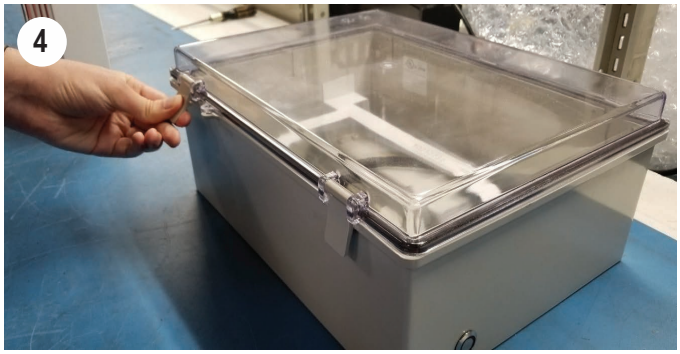
1. Remove the front face of the VEX fixture using a screwdriver. (Fig. 1 and 2)



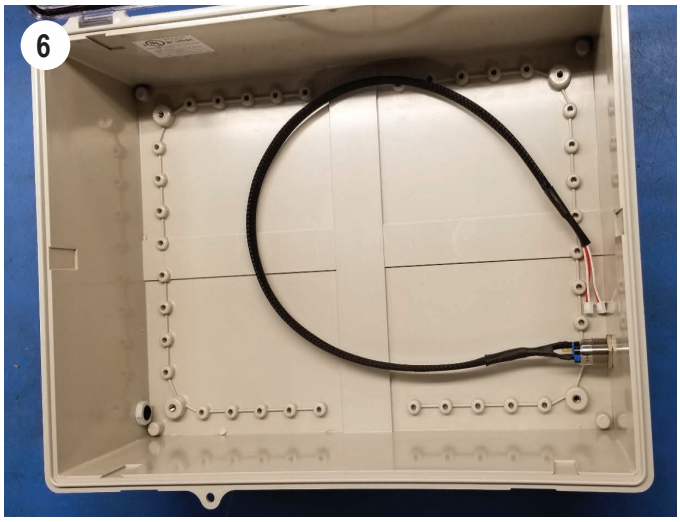
2. Remove the LED indicator and test button from the side of the enclosure, making note of the location on the PCBA where they are plugged in and discard. (Fig 3)

3. Open the clear cover of the NEMA enclosure by flipping the plastic latches up. (Fig. 4)



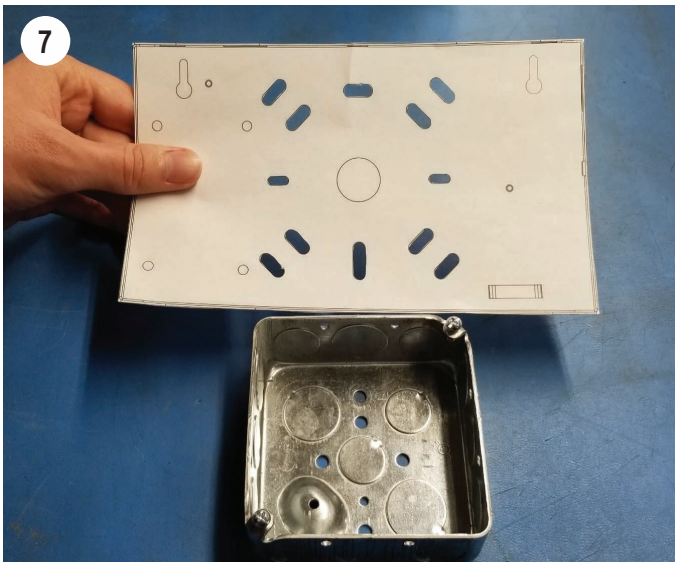


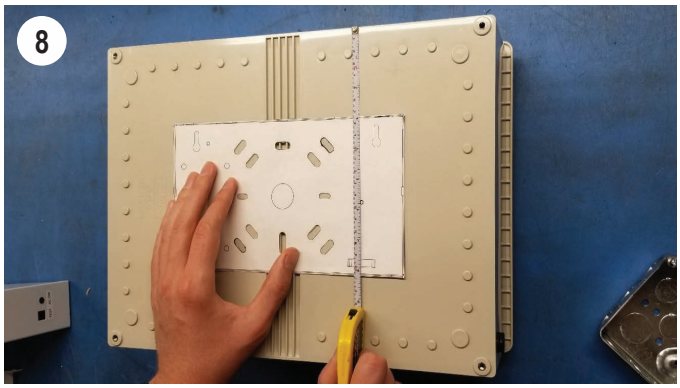
4. Remove the metal mounting plate within the enclosure and set aside for later use. (Fig. 5 and 6)



5. Using the supplied enclosure mounting template, choose the necessary holes for the J-box. (Fig 7)

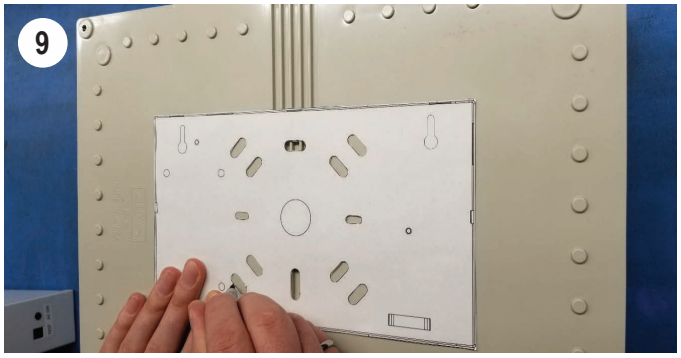
6. Center the template on the back of the NEMA box. (Fig. 8)

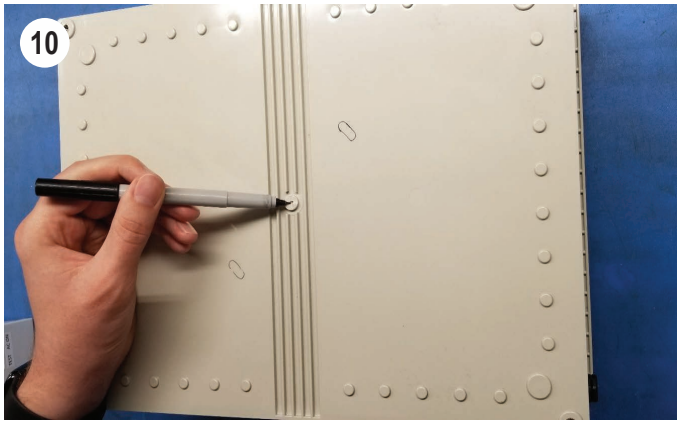




7. After centering the template, mark the location of the necessary holes onto the NEMA box. (Fig. 9)

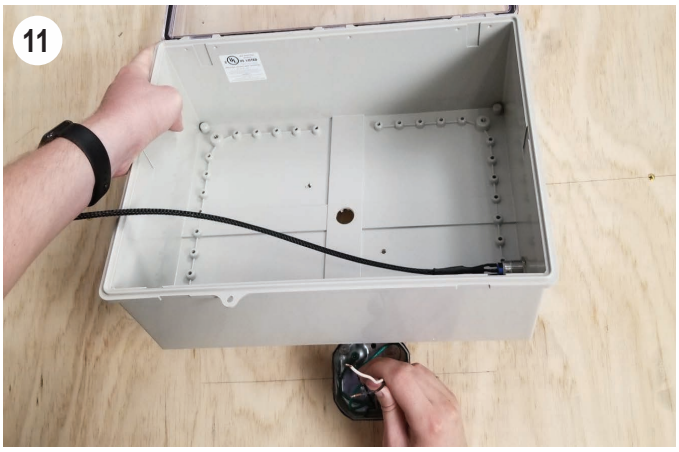
8. Drill holes at the marked locations, as well as a hole in the center for the wires to pass through. (Fig. 10)

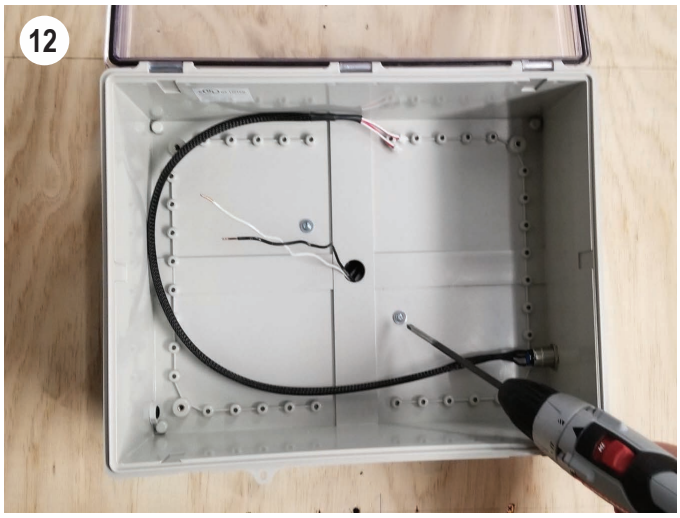




9. With the holes drilled, pass the wires from the J-box through the center hole. (Fig. 11)

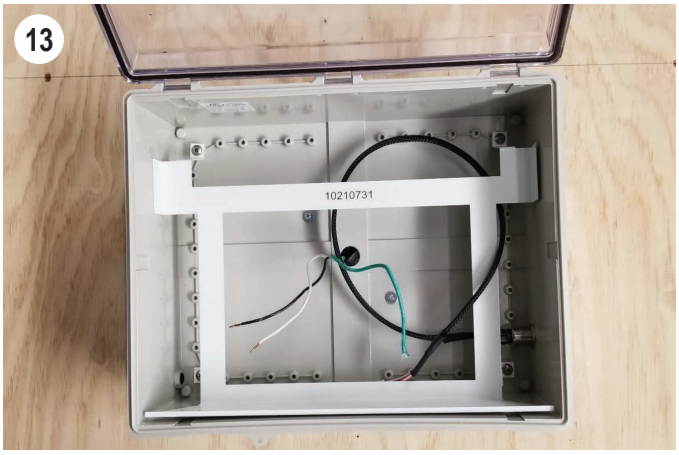
10. Secure the NEMA enclosure to the J-box using the necessary hardware (provided by others). (Fig. 12)

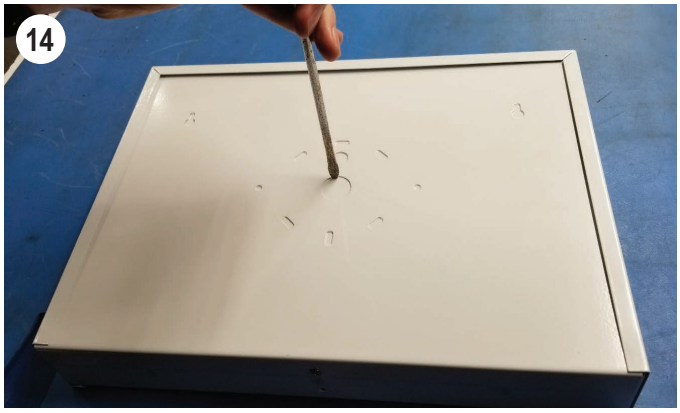




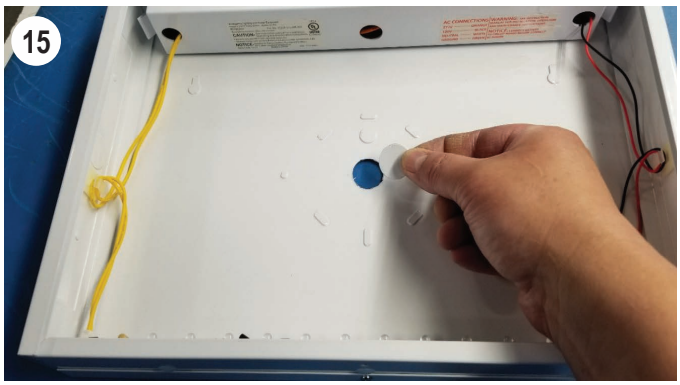
11. Reinstall the metal mounting plate using the supplied screws. (Fig. 13)

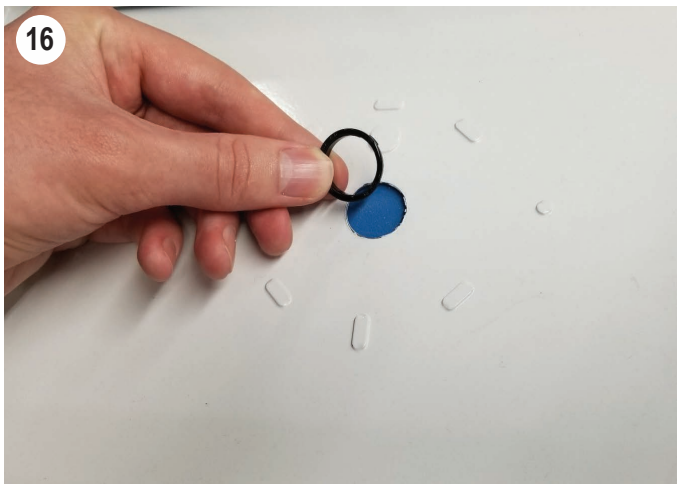
12. Remove the center knockout from the back of the VEX fixture EXIT sign. (Fig. 14)





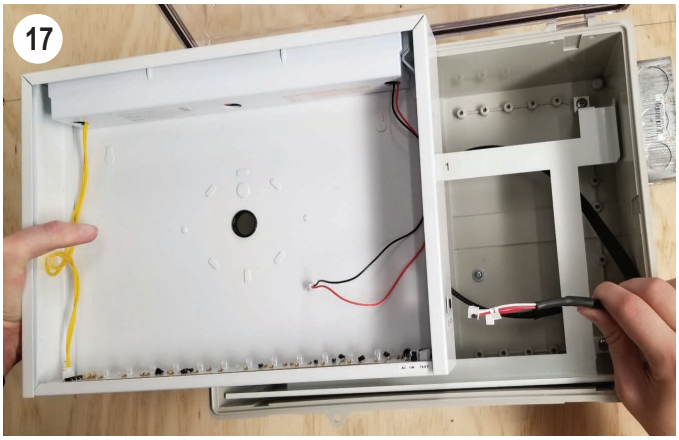
13. Remove any burrs from the hole (if necessary) and insert the plastic grommet. (Fig. 15 and 16)

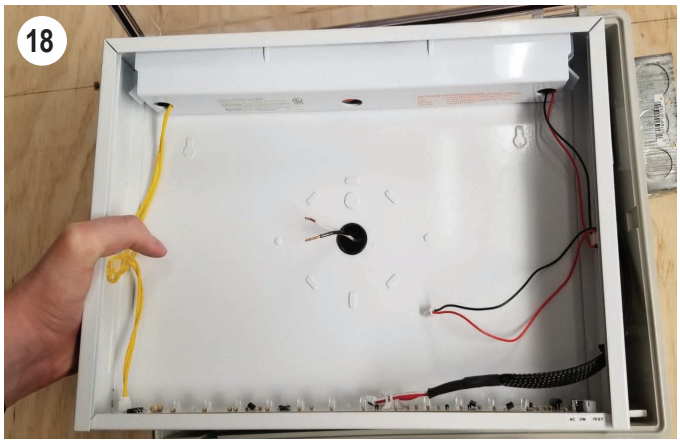




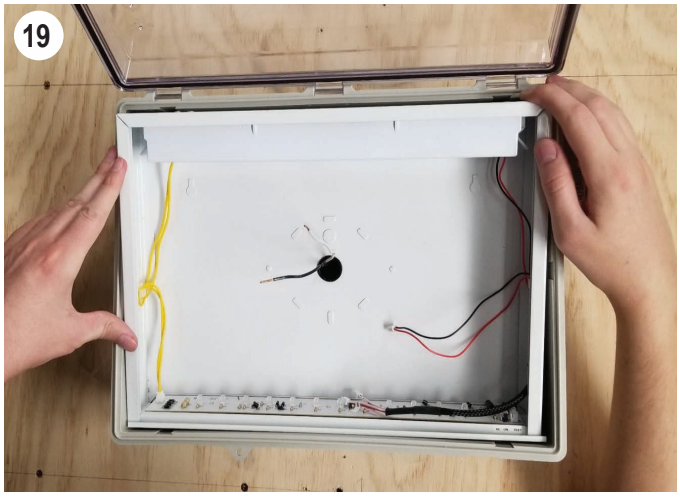
14. Pass the wires from the NEMA enclosure's test button through the square hole on the side of the VEX fixture, making sure to pass it through the right side of the mounting plate. (Fig. 17)

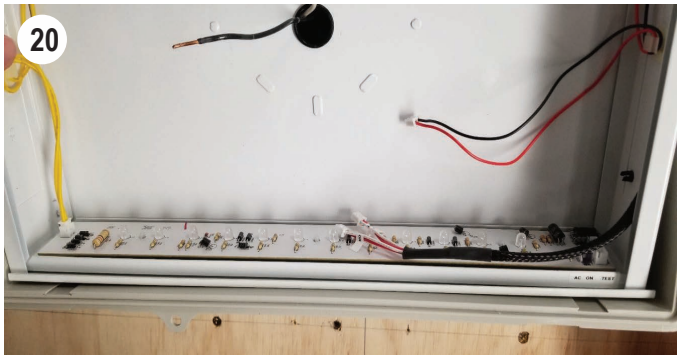
15. Pass the wires from the J-box through the center hole of the VEX EXIT sign. (Fig. 18)





16. 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. 19 and 20)



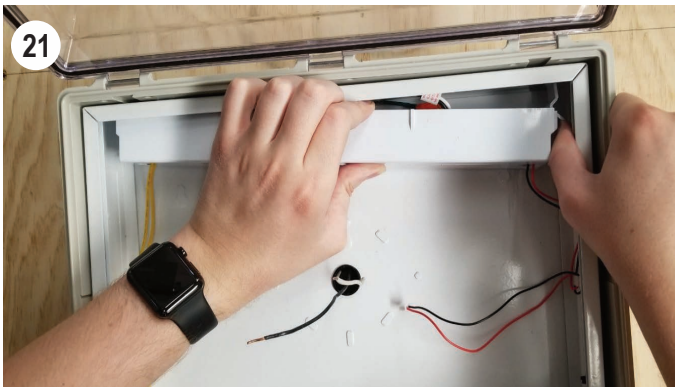


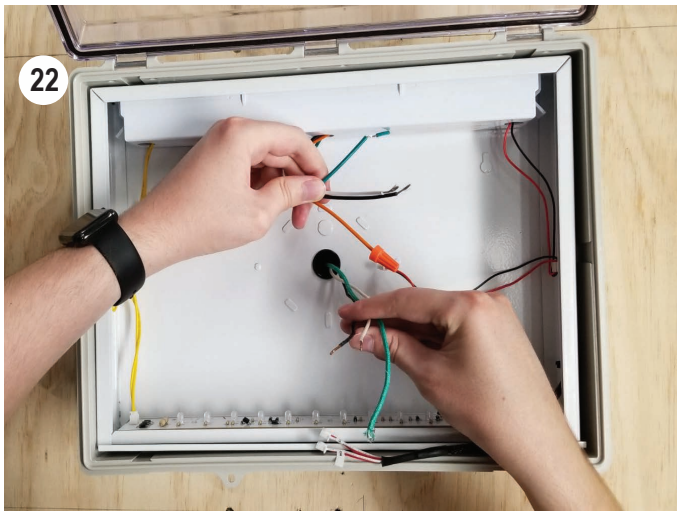
17. Remove the battery compartment within the VEX EXIT sign. (Fig. 21)

18. Pass the power wires found within the battery compartment through the hole of the wire housing and make the necessary connections with the wires from the J-box, according to the input voltage (120VAC or 277VAC). (Fig. 22)

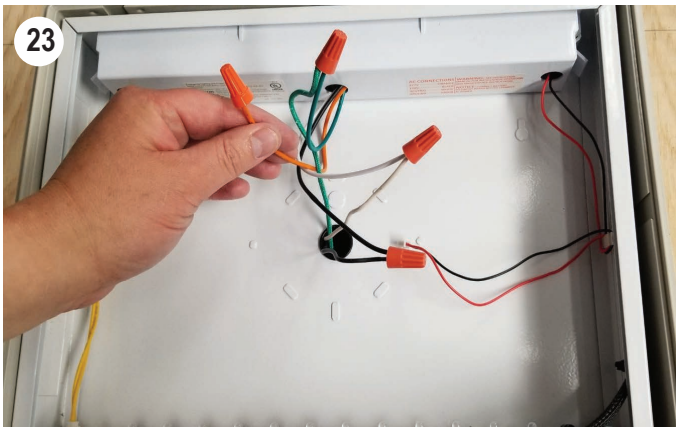
    Make electrical connections as follows:

    Black - 120VAC
    Orange - 277VAC
    White - Common
    Green - Ground
    Note: Cap unused leads to prevent shorting.



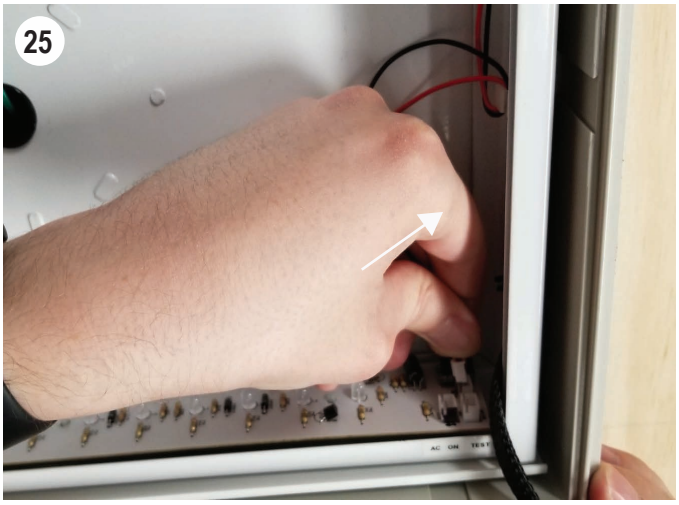


19. With the proper connections made, conceal the wires inside the J-box (all power supply wire connections need to be made inside the J-box). Snap on battery compartment until the tabs are locked and secured to prevent interference with the EXIT sign illumination. (Fig. 23 and 24)



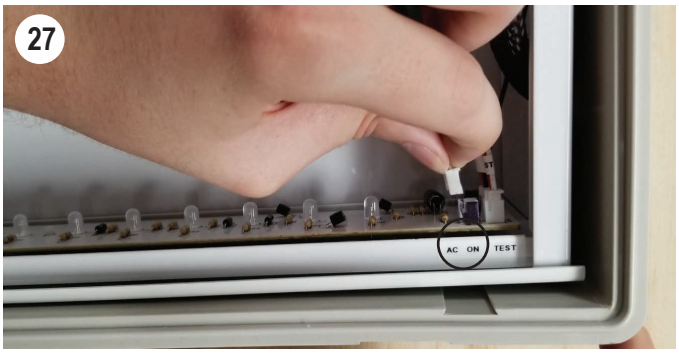
20. Locate the battery wire coming from the battery compartment and plug the connector to the PCBA at the location shown. (Fig. 25)

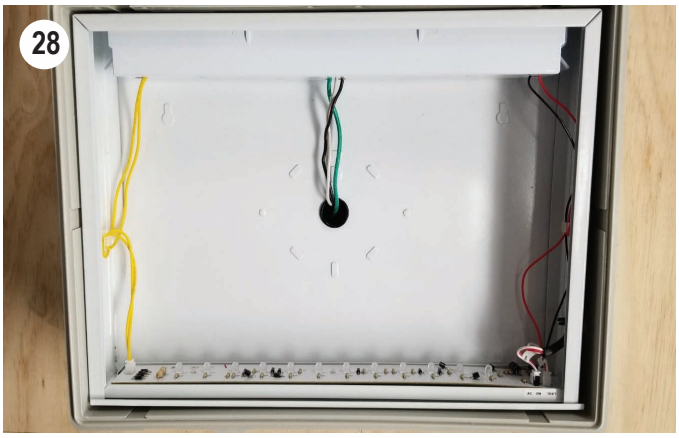
21. Locate the wire labeled “TEST” from the button wire harness and plug it into the PCBA connector associated with the test button. This will be the connector on the right. (Fig. 26)



22. Now locate the wire labeled “AC ON” from the button wire harness and plug it onto the PCBA connector associated with the LED. (Fig. 27) This will be the connector on the left.

23. The fixture is now completely wired. (Fig. 28)

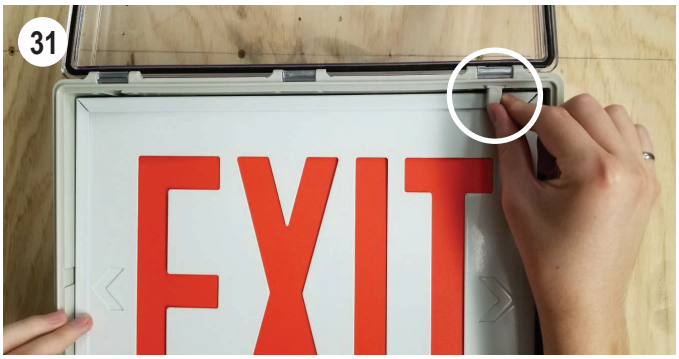




24. Lift the VEX EXIT sign fixture out of the metal mounting plate and reinstall the front face. (Fig. 29 and 30)

25. 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. Now slide the two plastic stoppers into the slots in the NEMA box, as shown. These prevent the fixture from falling forward. (Fig. 31)

26. With the two plastic stoppers in place, close the lid of the NEMA enclosure. (Fig. 31 and 32)



27. Secure the lid by closing the two plastic latches. (Fig. 33)

28. Install tamper resistant screw through the slots located on the lid. (Fig. 33a)

29. Apply silicone to seal the enclosure against the mounting surface in order to prevent water from getting to the J-box. (Fig. 34)

30. Now that the NEMA EXIT sign is installed, turn the power ON. Perform a test of the unit by depressing the illuminated test button for 1 second, checking that the sign briefly flashes once. (Fig. 36)