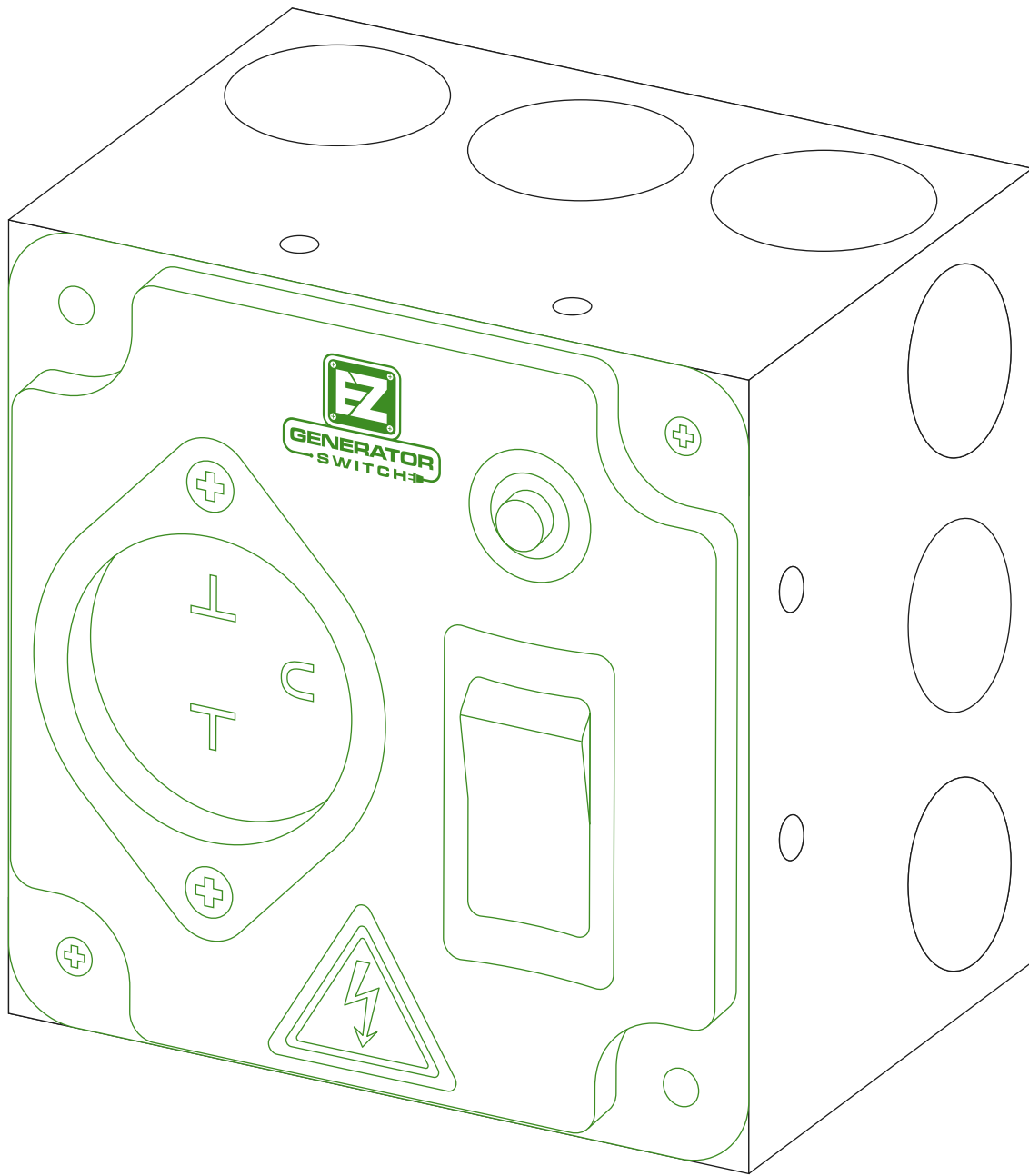
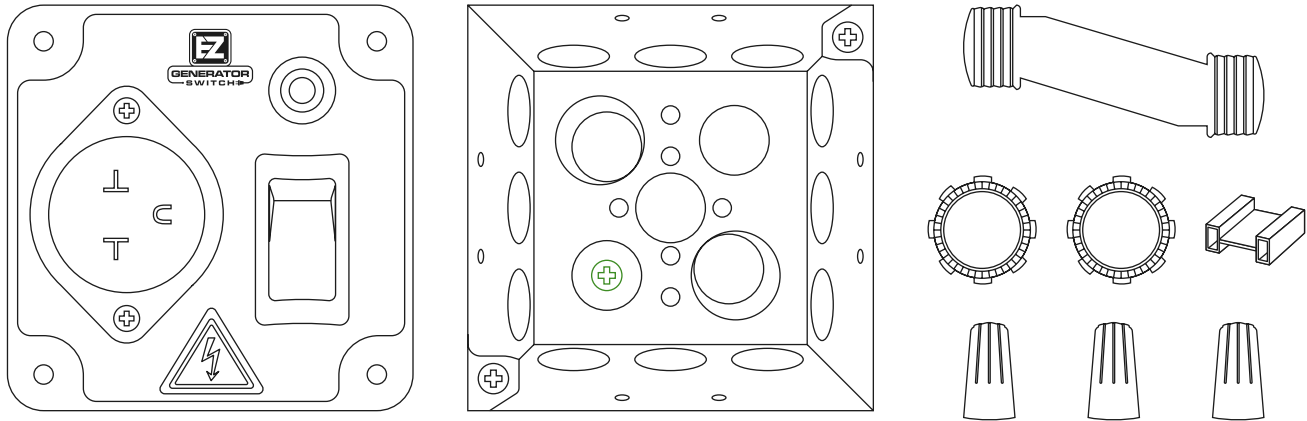




EZ GENERATOR SWITCH Instruction Manual

DISCLAIMER

Always follow electrical requirements. You may be required to contact your insurance company and the authorities having jurisdiction to be certain you are in compliance with local codes. Improper installations can cause fire, injury, or death. We recommend that a qualified person perform the installation. That is someone who has the skills and knowledge related to the construction and operation of electrical equipment/installations, and has received safety training to recognize and avoid the hazards involved. EZ Generator Switch LLC, its owners, and employees assume no responsibility for your operation or installation.



WHAT'S INCLUDED

- (x1) EZ Generator Switch front plate
- (x1) Metal back box for mounting
- (x1) Offset nipple with locknuts
- (x1) Prong safety cover
- (x3) Wirenuts

PRODUCT INFORMATION

Model #201
Switch Rating single phase 15A 125V
Conforms to UL Standard #1008
Certified to CAN/CSA - C22.2 #178.1

ADDITIONAL RESOURCES

Installation video tutorials are available on our website. Access them by going to:

www.ezgeneratorswitch.com/how-to-videos/



TABLE OF CONTENTS

NOTICE

The EZ Generator Switch comes default for bonded neutral power sources. For use with floating neutral power sources, you will need to convert your switch as instructed on page 16. If you are unsure what type of power source you have, see your manufacturer’s instructions.

Instructions differ by installation location. Choose your installation location and follow the appropriate instructions.

BONDED NEUTRAL POWER SOURCES	PAGE
Option A: Installing at your electrical panel	03.
Option B: Installing at your equipment	10.

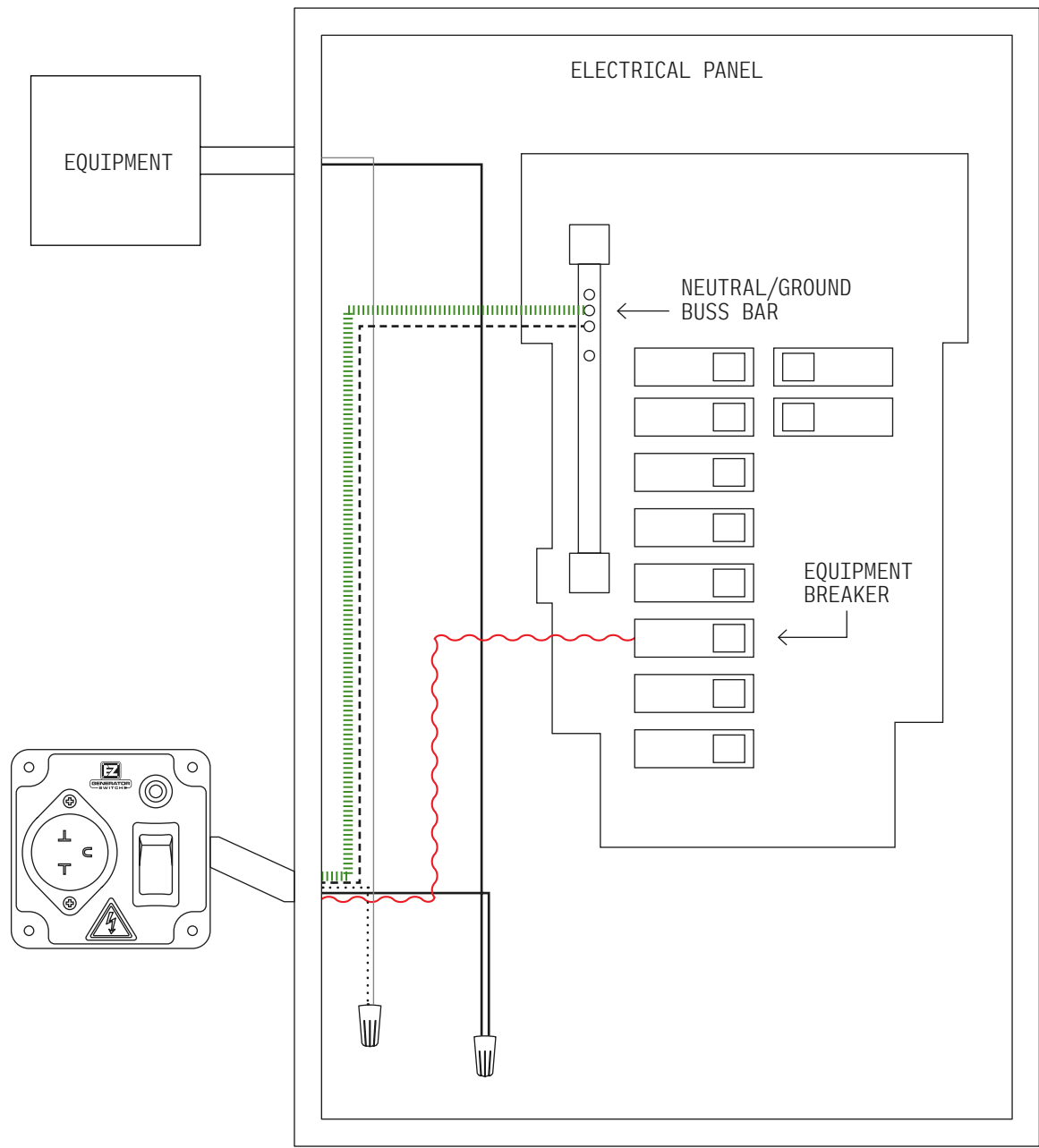
FLOATING NEUTRAL POWER SOURCES	
Converting your EZ Generator Switch from bonded neutral to floating neutral	16.
Option A: Installing at your electrical panel	17.
Option B: Installing at your equipment	23.

ADDITIONAL SUPPORT	
Customer Support Details	29.



BONDED NEUTRAL POWER SOURCES

OPTION A: INSTALLING YOUR EZ GENERATOR SWITCH AT YOUR ELECTRICAL PANEL



EQUIPMENT NEUTRAL WIRE (white)

NEUTRAL LOAD WIRE (white)

NEUTRAL LINE WIRE (white)

GROUND WIRE (green)

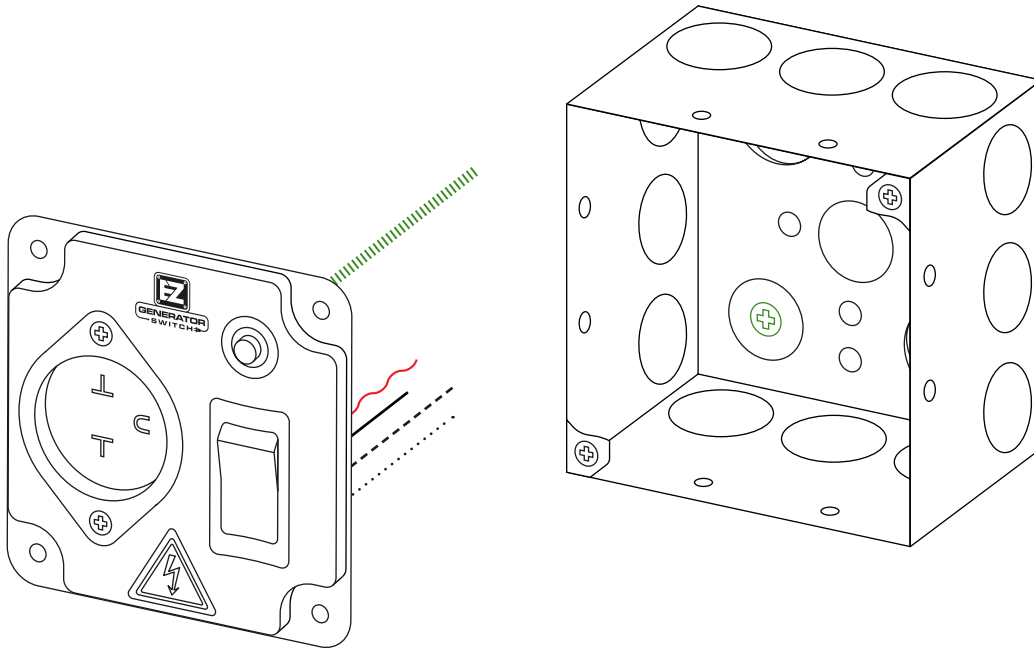
LOAD WIRE (black)

FEED WIRE (red)

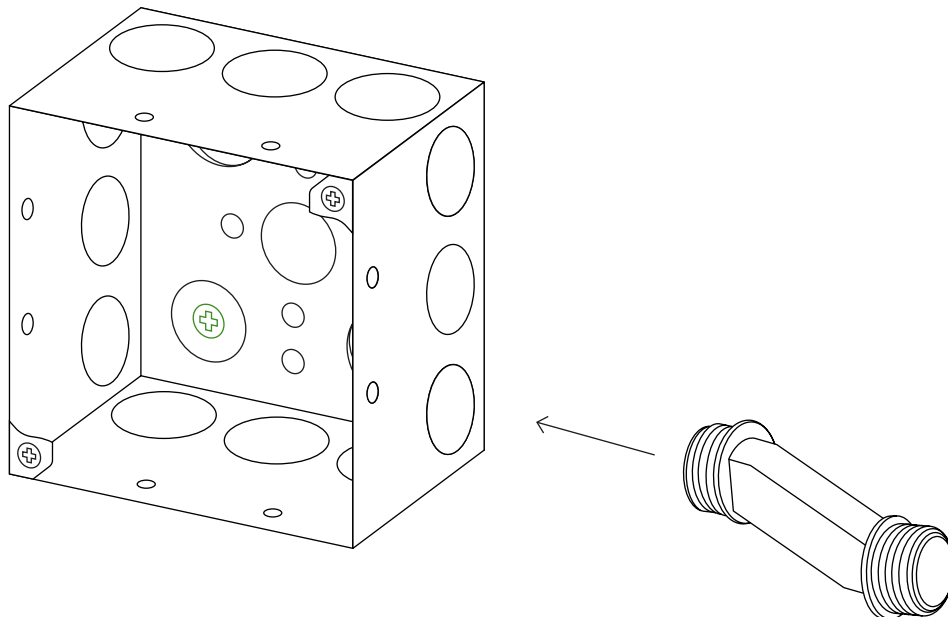


01. MAKE SURE ALL POWER IS TURNED OFF.

02. Remove copper bare ground wire from around green ground screw at the back of the metal box.



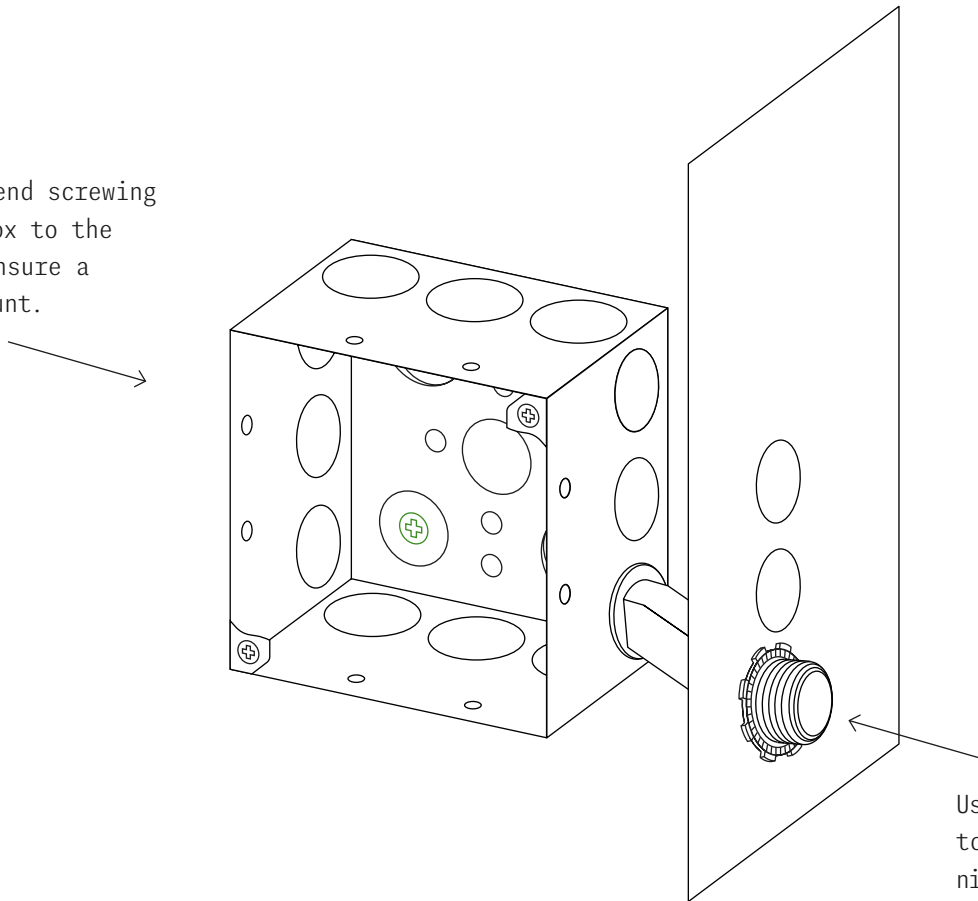
03. Choose knockout location on the side of the metal box and mount the offset nipple.



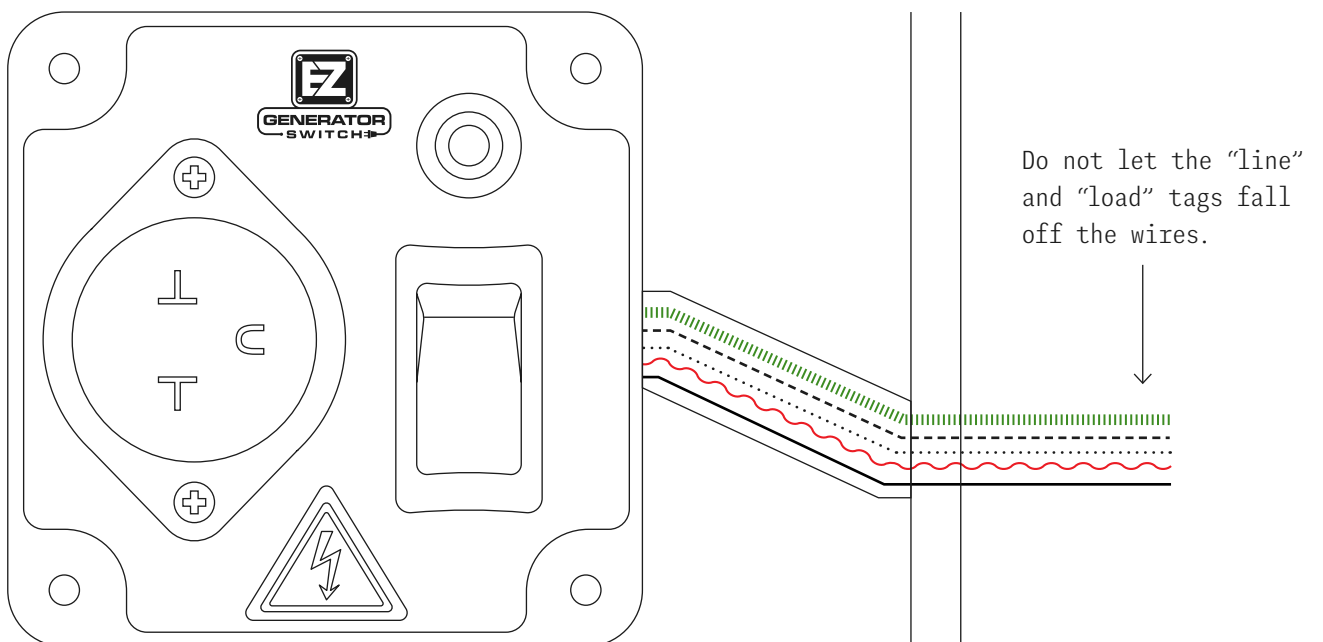
04.

04. Mount the metal box on the side of your electrical panel where the circuit breaker is located.

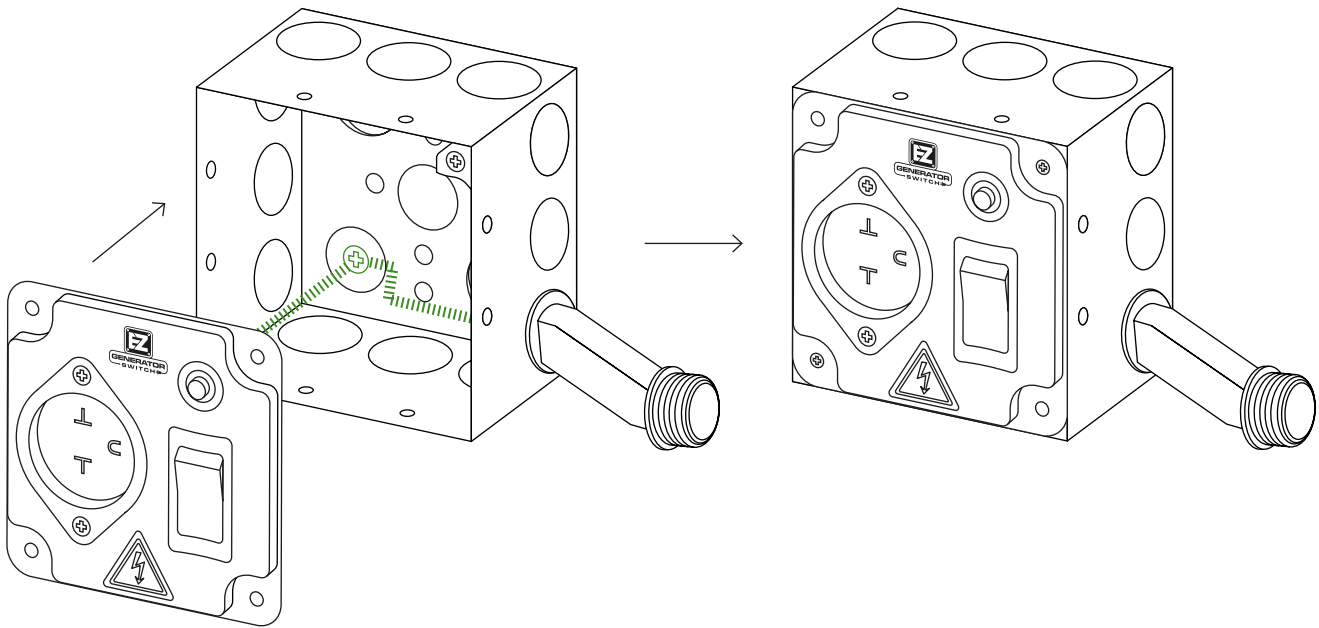
We recommend screwing the backbox to the wall to ensure a secure mount.



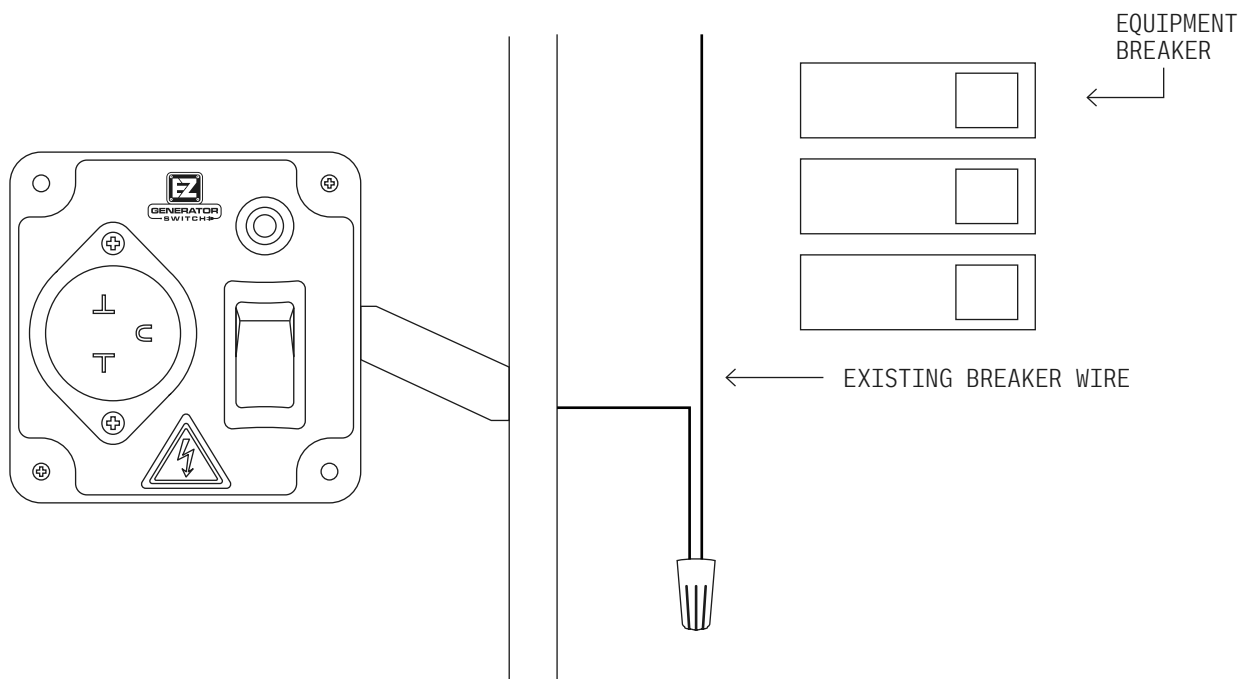
05. Gently feed wires through the offset nipple into your panel.



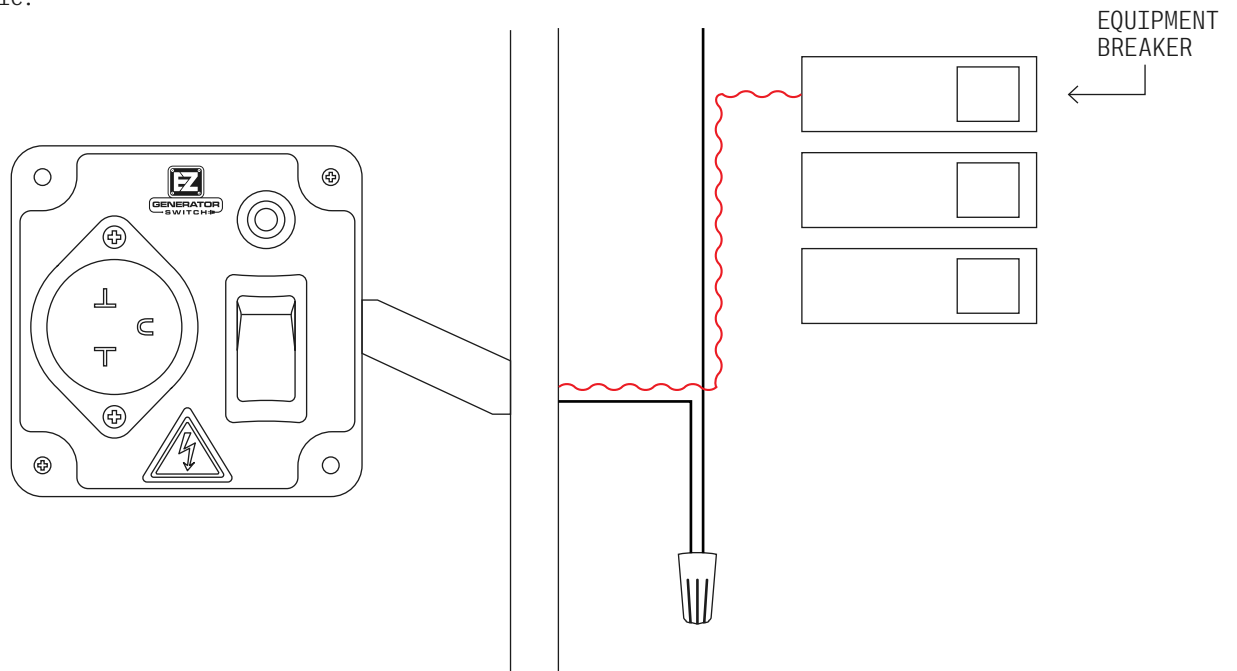
06. Secure copper bare ground wire under the green screw at the back of the metal box and screw the EZ Generator Switch plate closed.



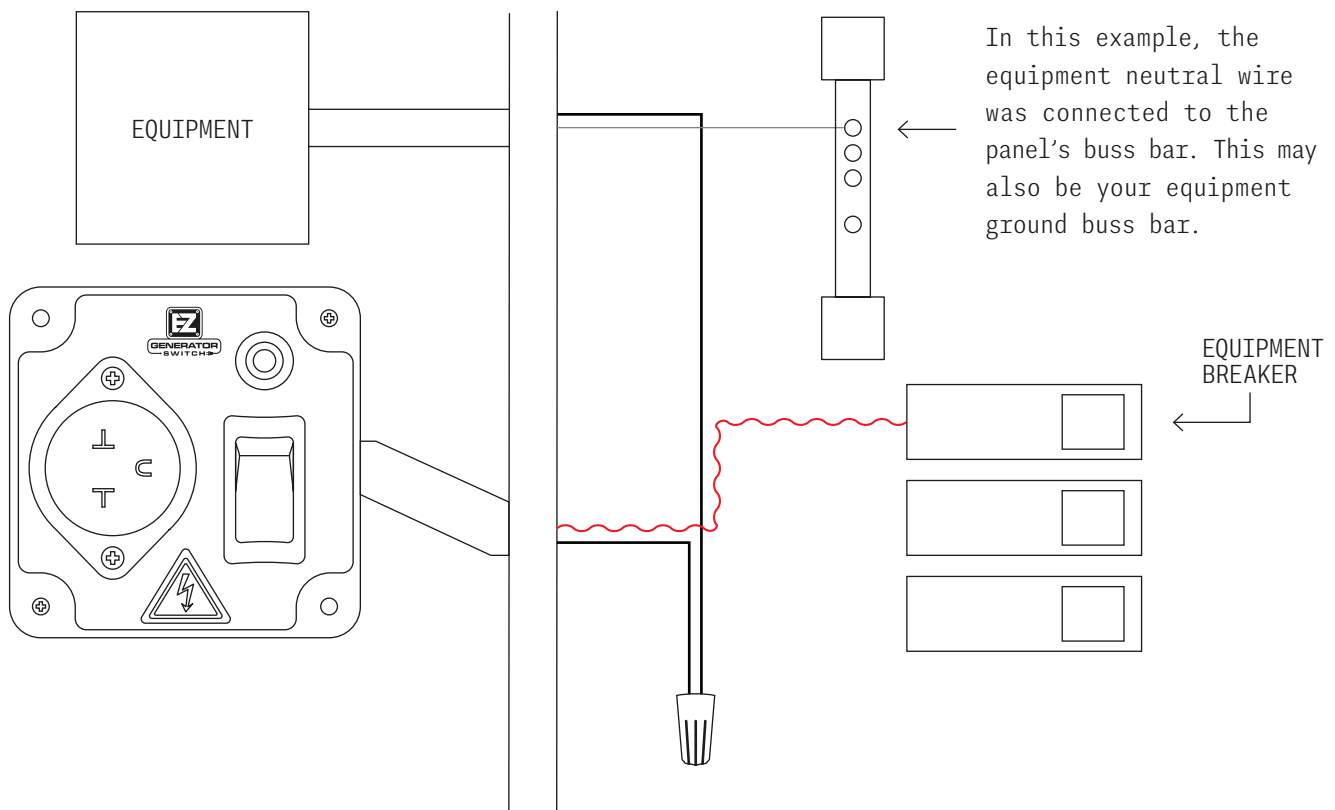
07. With power disconnected and checked, remove the existing black wire from your breaker and connect it to the EZ black wire with a wirenut.



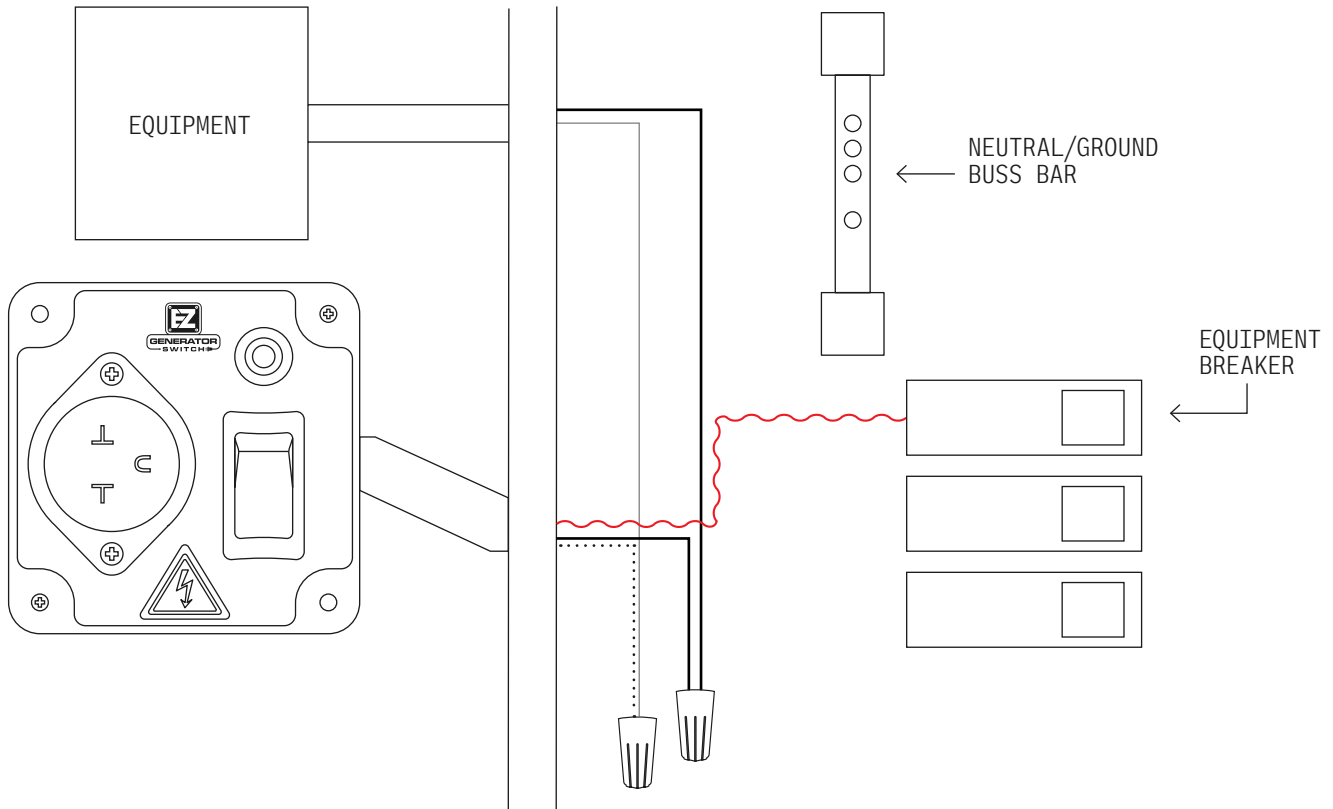
08. Connect our red wire to the empty breaker you have just made available.



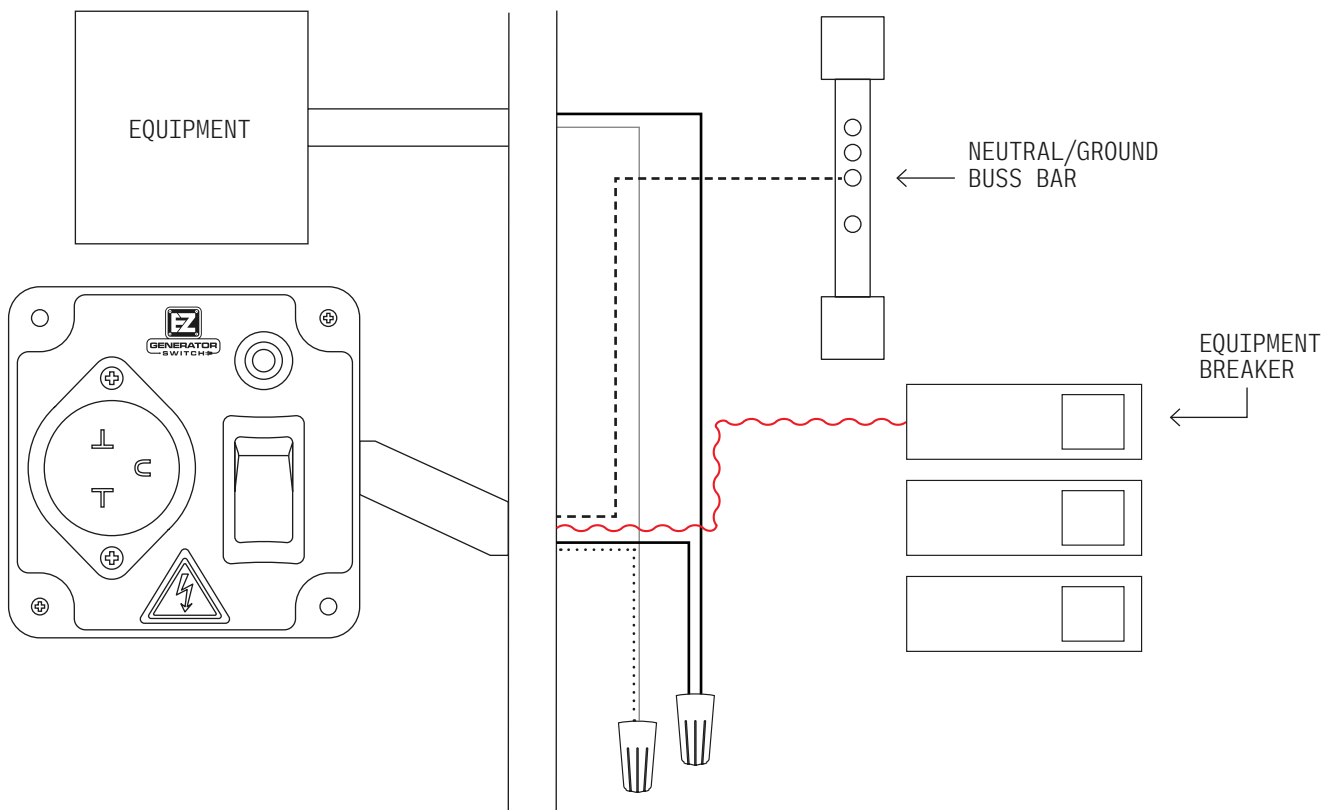
09. Locate the existing white neutral wire that is associated with the circuit you are connecting. To do so, trace your existing black feed wire back to the entry cable to ensure you have the correct neutral.



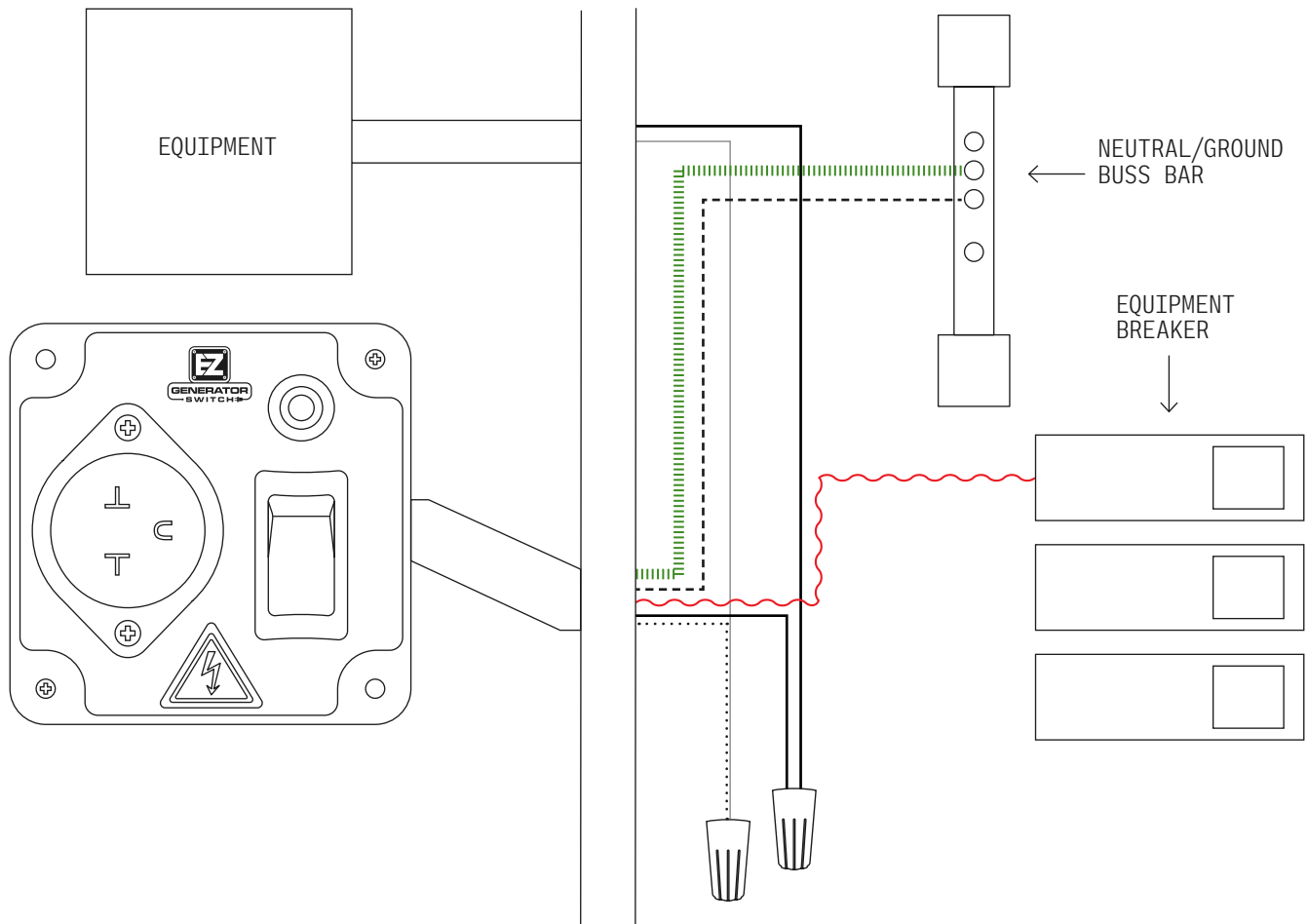
10. Connect our neutral **load** to your neutral going to your equipment with a wirenut.



11. Connect our neutral **line** to the neutral buss bar in the panel.



12. Connect our copper bare ground wire to the existing ground buss (in some instances, this may also be the neutral buss bar).



13. Check your connections per the finished diagram on page 03, close boxes, and energize equipment.



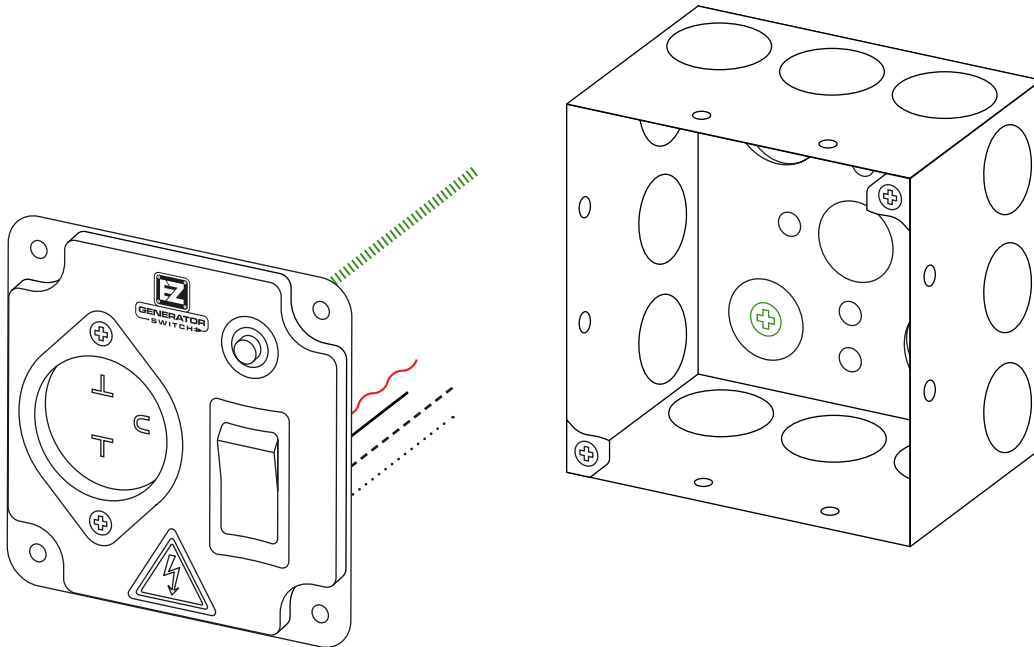
OPTION B: INSTALLING YOUR EZ GENERATOR SWITCH AT YOUR EQUIPMENT

The diagram illustrates the wiring connection between a generator switch and an existing equipment switch front plate. On the left is the 'GENERATOR SWITCH' with terminals for 'L', 'C', and 'T'. In the center is a switch assembly with internal wiring, including a green wire connected to the 'L' terminal and a red wire connected to the 'T' terminal. On the right is the 'EXISTING EQUIPMENT SWITCH FRONT PLATE' with a switch labeled 'OIL BURNER' and 'EMERGENCY SWITCH'. The switch has 'ON' and 'OFF' positions. The diagram shows the connection of the generator switch to the existing equipment switch front plate.

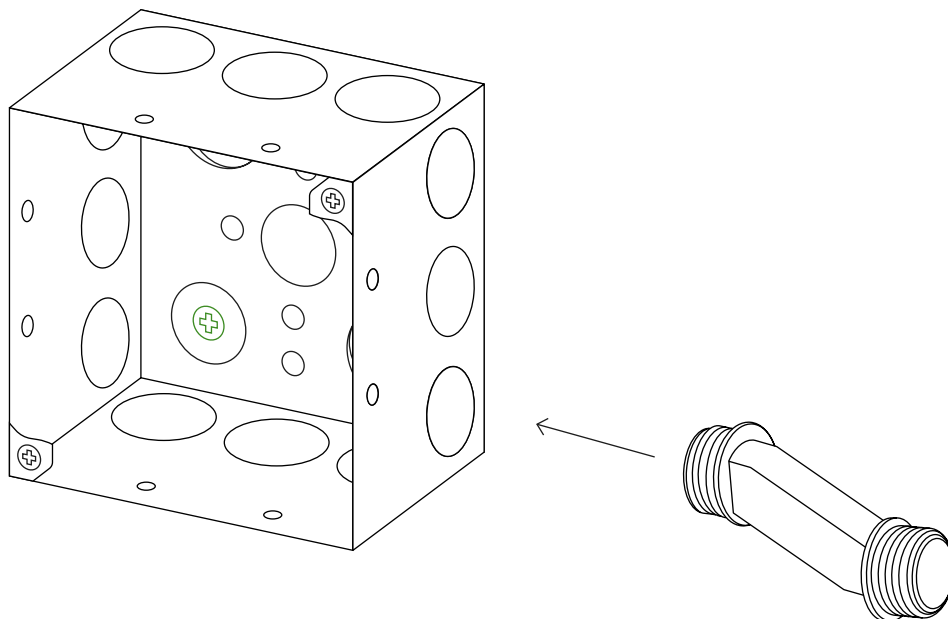
A yellow triangular warning sign with a black border and a black lightning bolt symbol pointing downwards, indicating high voltage.

01. MAKE SURE ALL POWER IS TURNED OFF.

02. Remove copper bare ground wire from around green ground screw at the back of the metal box.

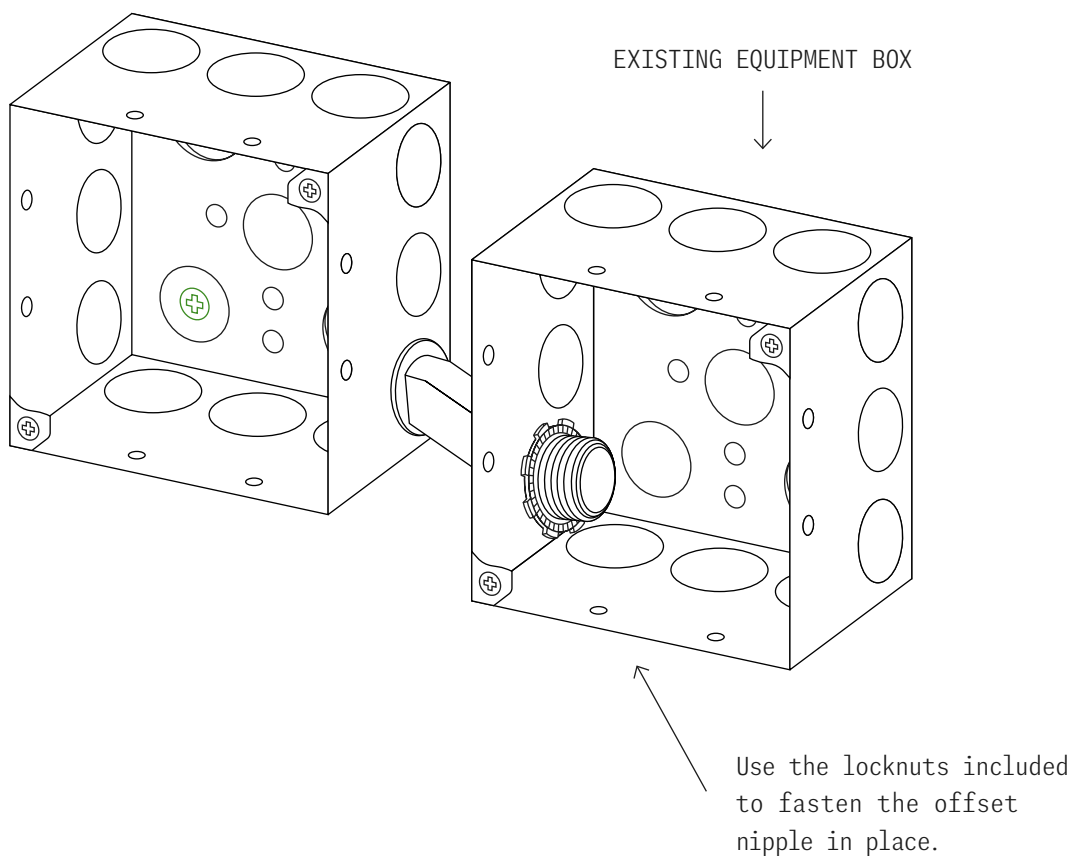


03. Choose knockout location on the side of the metal box and mount the offset nipple.

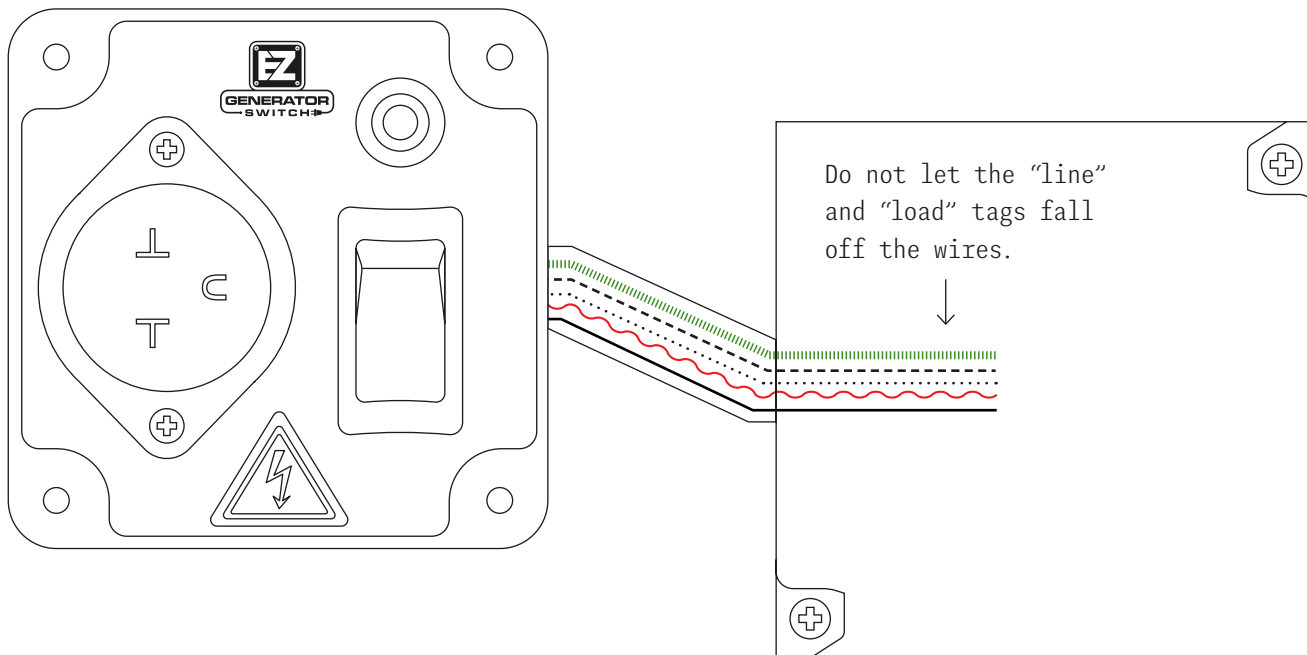


04. Mount the metal box on the next to your equipment box.

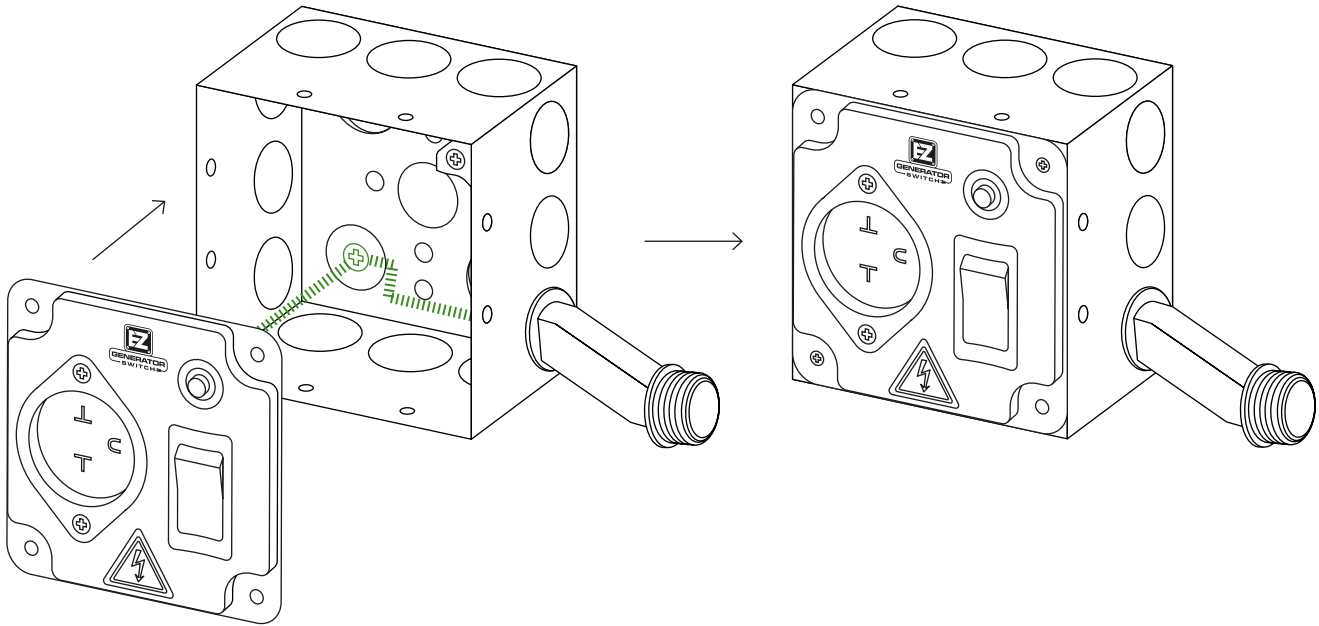
We recommend screwing the backbox to the wall to ensure a secure mount. If you are mounting directly to a furnace, make sure to use short screws.



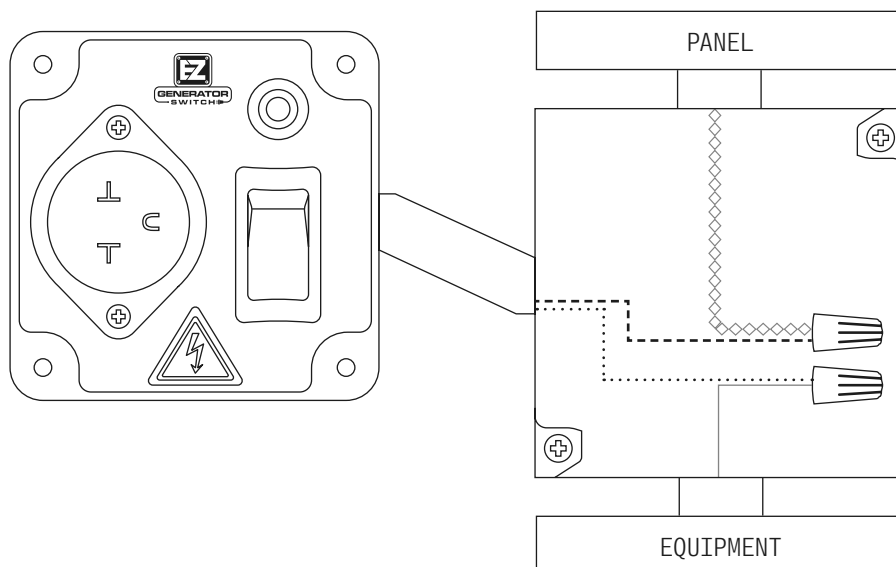
05. Gently feed wires through the offset nipple into your existing box.



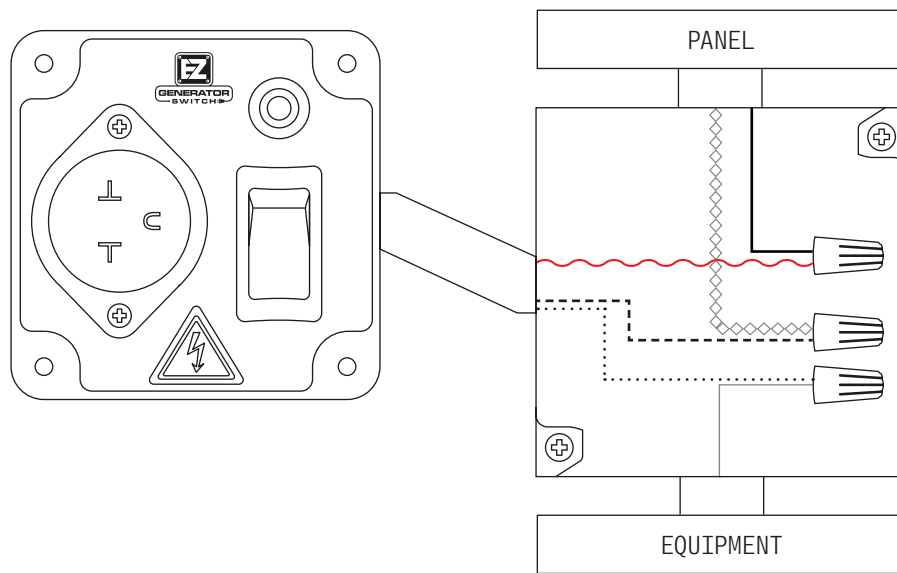
06. Secure copper bare ground wire under the green screw at the back of the metal box and screw the EZ Generator Switch plate closed.



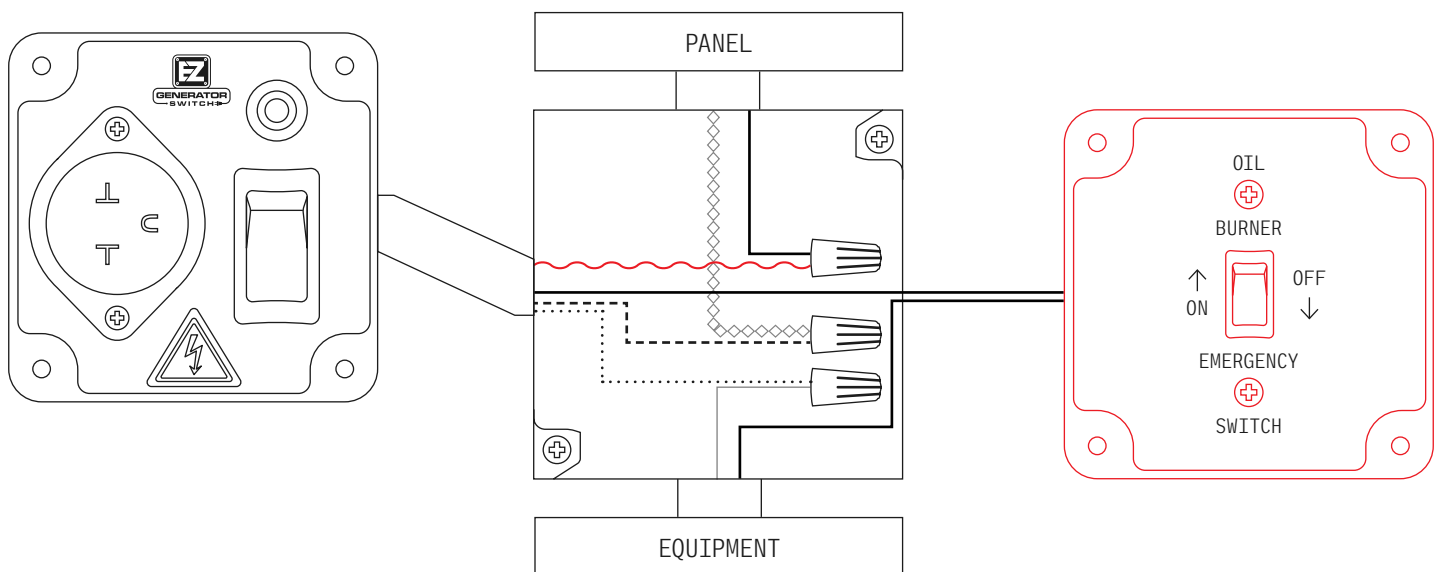
07. Connect our white **line** neutral wire to your existing white **line** neutral in your equipment with a wirenut. Then connect our white **load** neutral wire to your existing white **load** neutral wire with a wirenut.



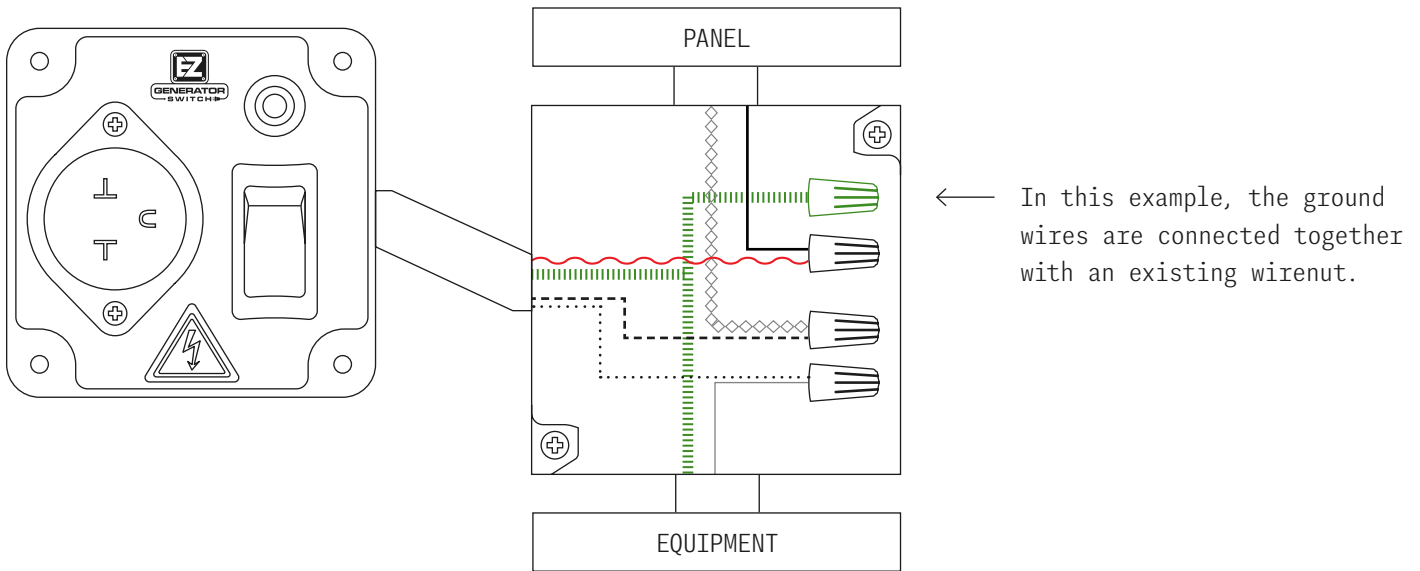
08. Disconnect your existing black wire feed from your equipment and wirenut it to the EZ red wire.



09. Connect our black wire to your existing equipment switch.
NOTE: Your emergency shut off switch is no longer needed. You can optionally remove and replace the existing switch with a blank cover.



10. Connect our copper bare ground wire to the existing ground in the circuit.



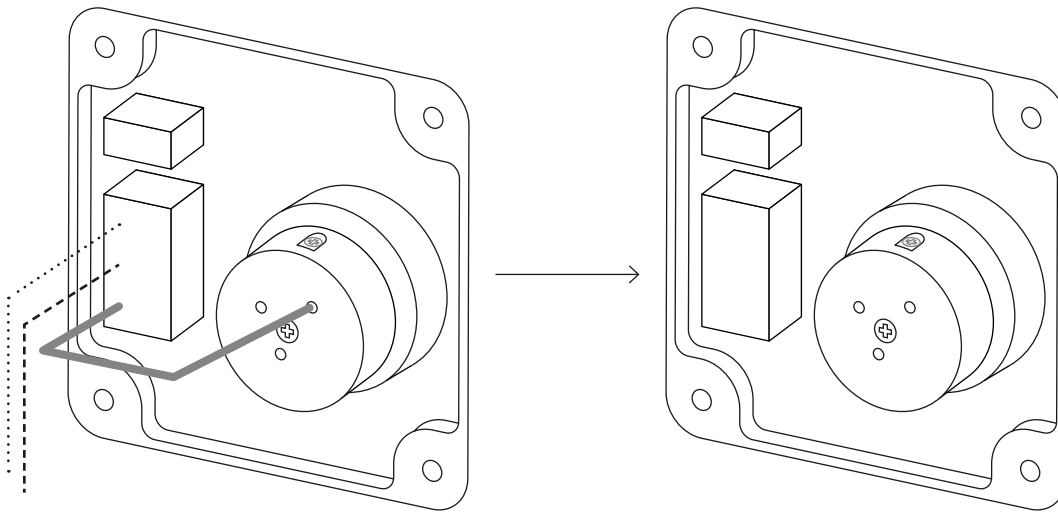
11. Check your connections per the finished diagram on page 10, close boxes, and energize equipment.



FLOATING NEUTRAL POWER SOURCES

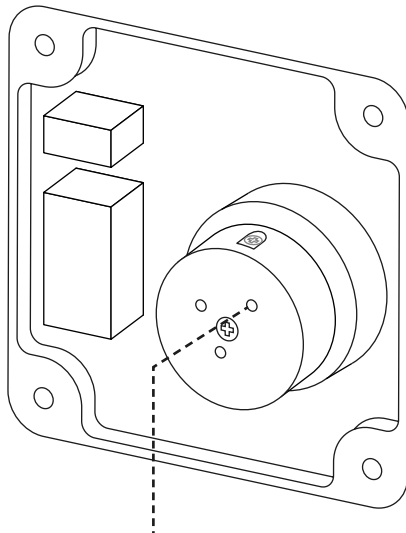
CONVERTING YOUR EZ GENERATOR SWITCH FROM BONDED NEUTRAL TO FLOATING NEUTRAL

01. Remove all white wires from your switch. Gently unscrew the silver screw at the top of the inlet. **Do NOT remove this screw completely.** Set one of the white wires aside for later use. The load or line labels on the wires do not matter at this point, and you can remove them.



Set aside one of the **longer** white wires for the next step.

02. Using the wire that you set aside, strip and place the white wire under the same screw that you gently unscrewed from the inlet.

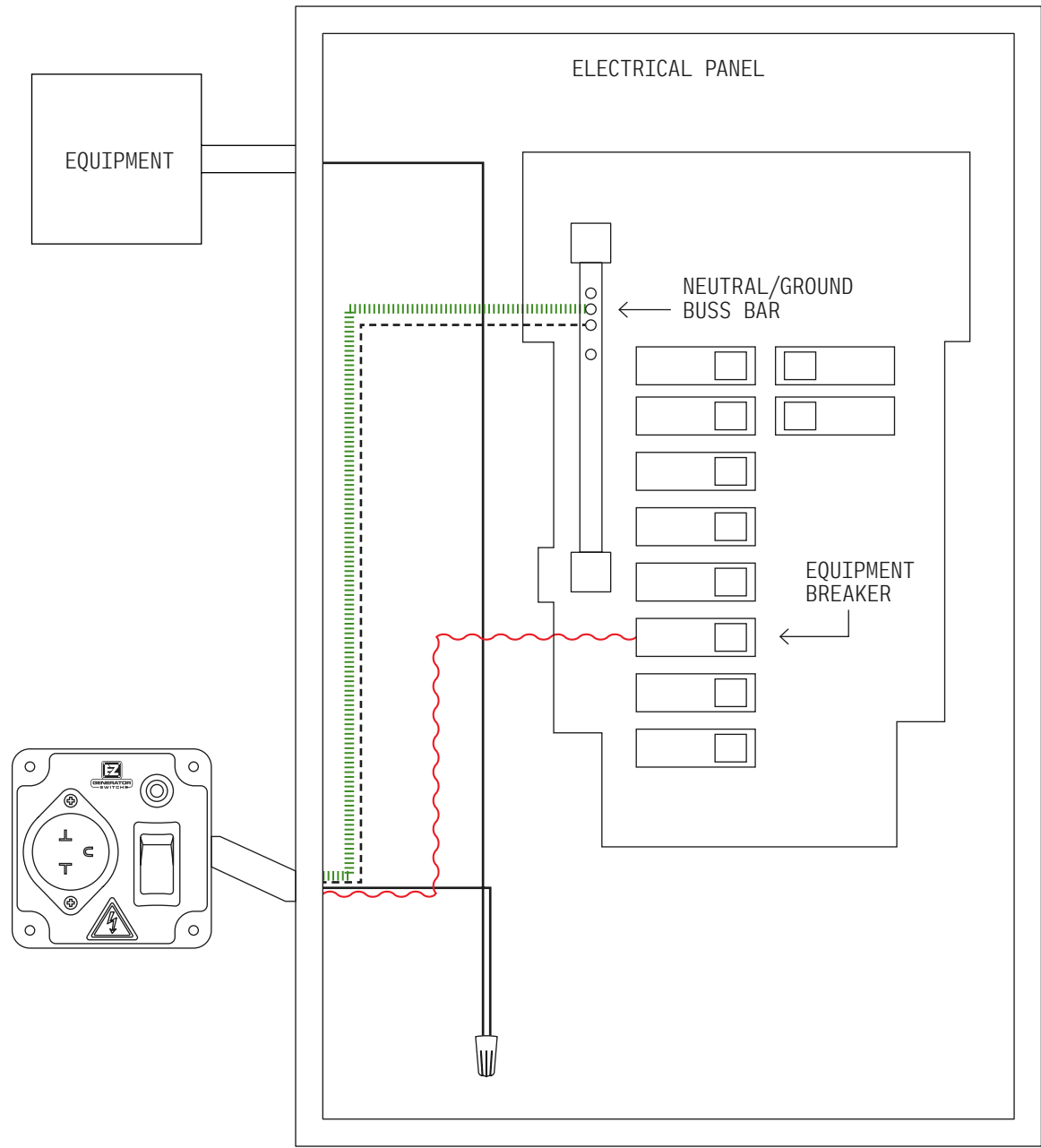


Make sure there isn't any copper showing outside of the inlet.



FLOATING NEUTRAL POWER SOURCES

OPTION A: INSTALLING YOUR EZ GENERATOR SWITCH AT YOUR ELECTRICAL PANEL



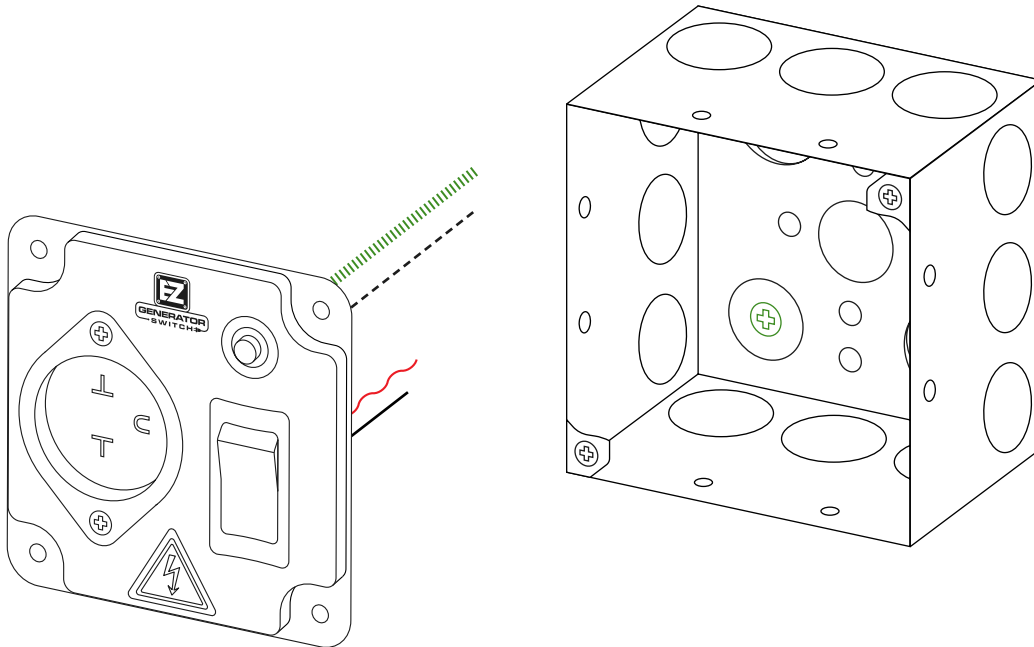
GROUND WIRE (green)
LOAD WIRE (black)

FEED WIRE (red)
NEUTRAL WIRE (white)

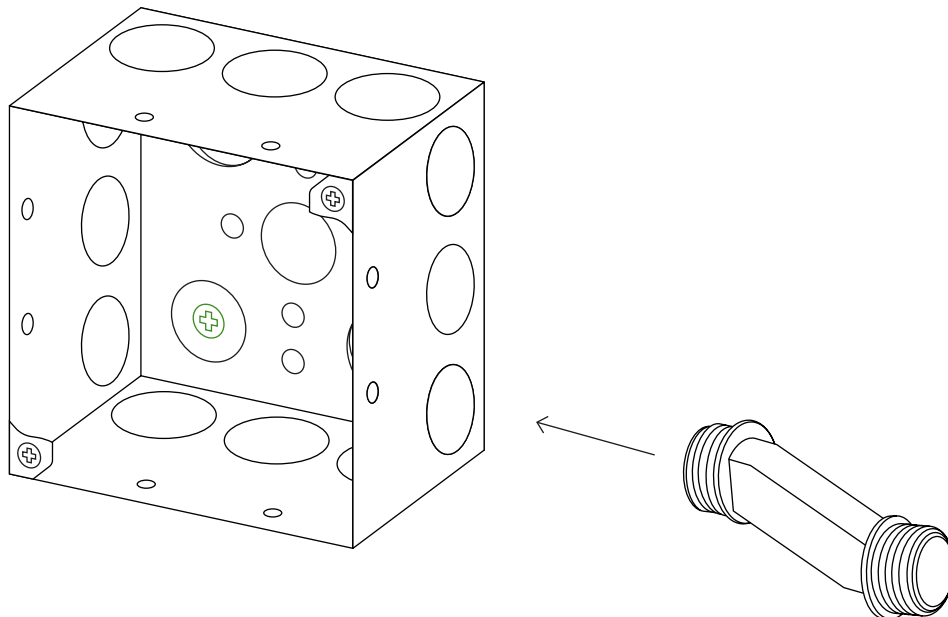


01. MAKE SURE ALL POWER IS TURNED OFF.

02. Remove copper bare ground wire from around green ground screw at the back of the metal box.

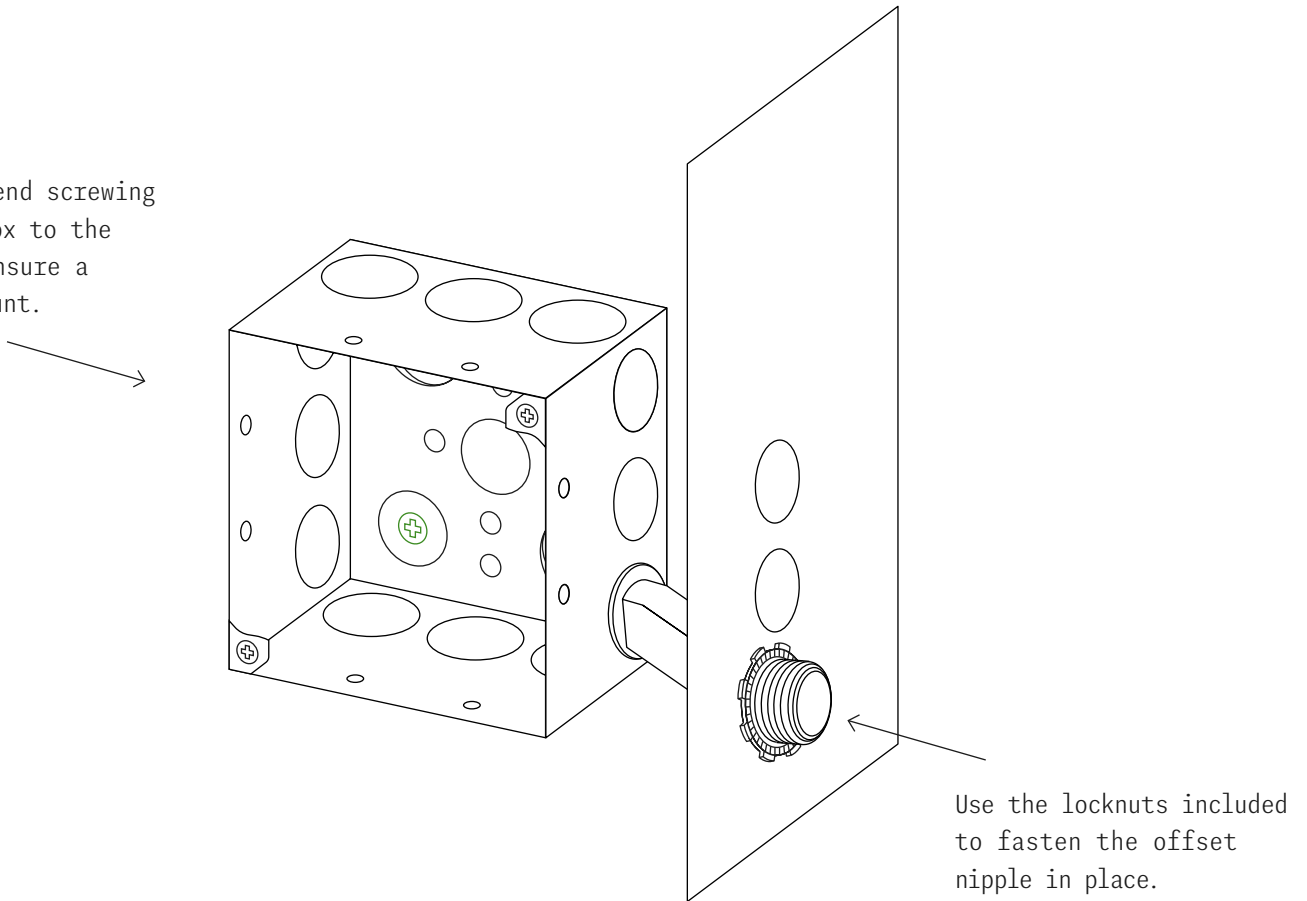


03. Choose knockout location on the side of the metal box and mount the offset nipple.

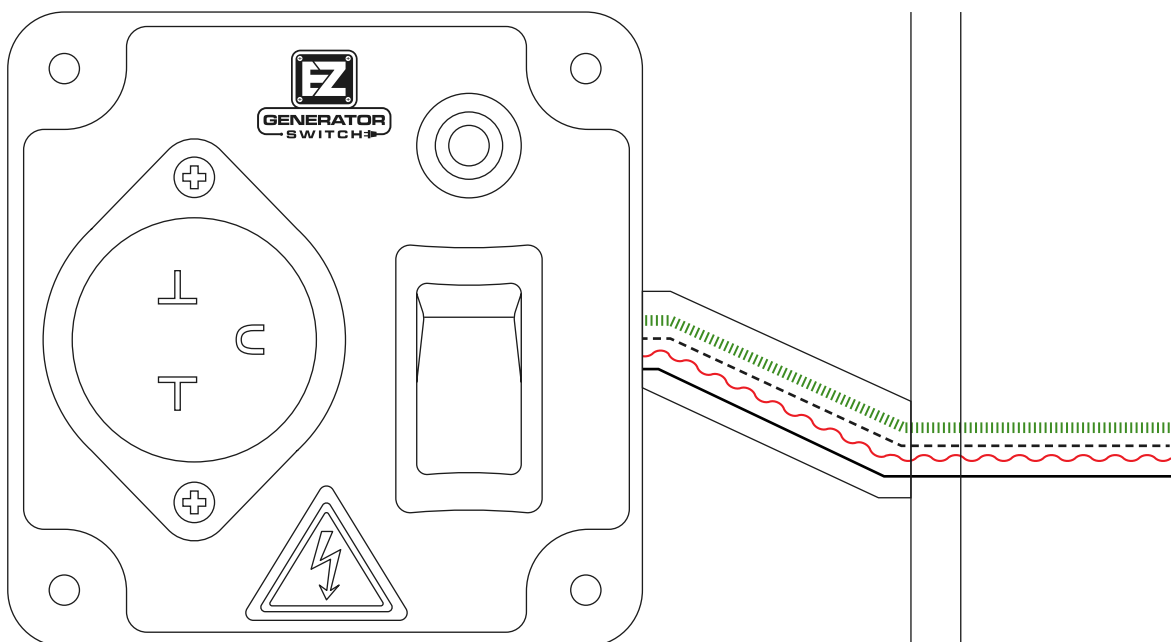


04. Mount the metal box on the side of your electrical panel where the circuit breaker is located.

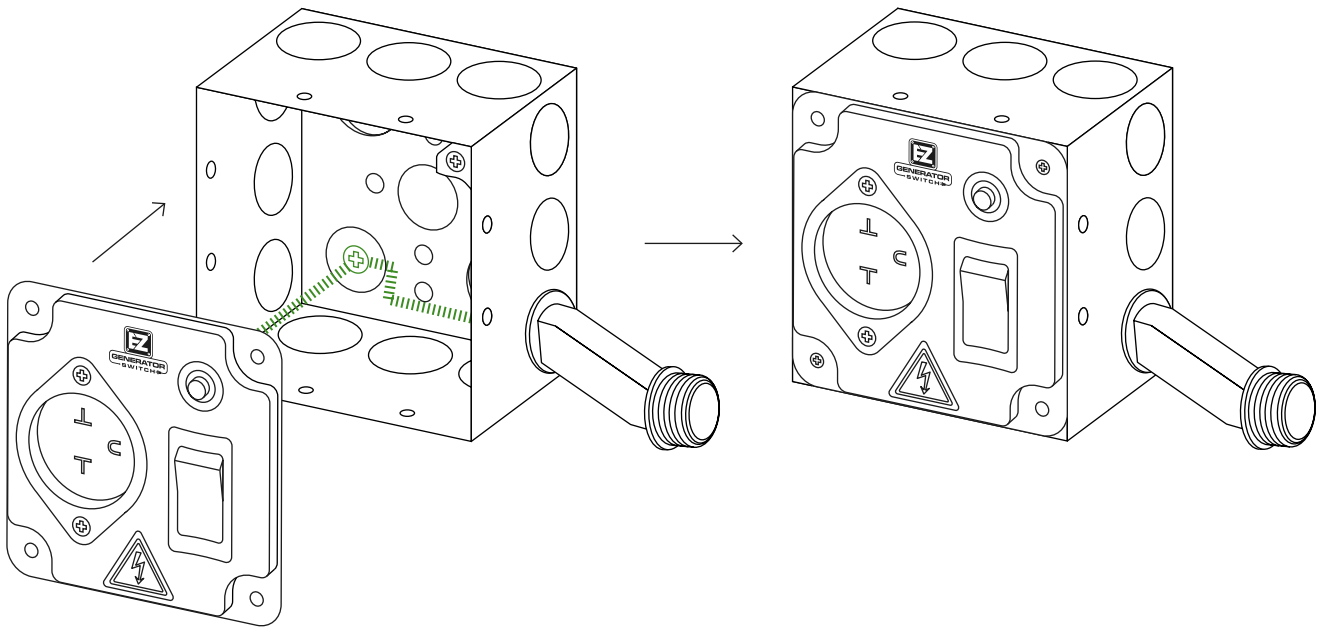
We recommend screwing the backbox to the wall to ensure a secure mount.



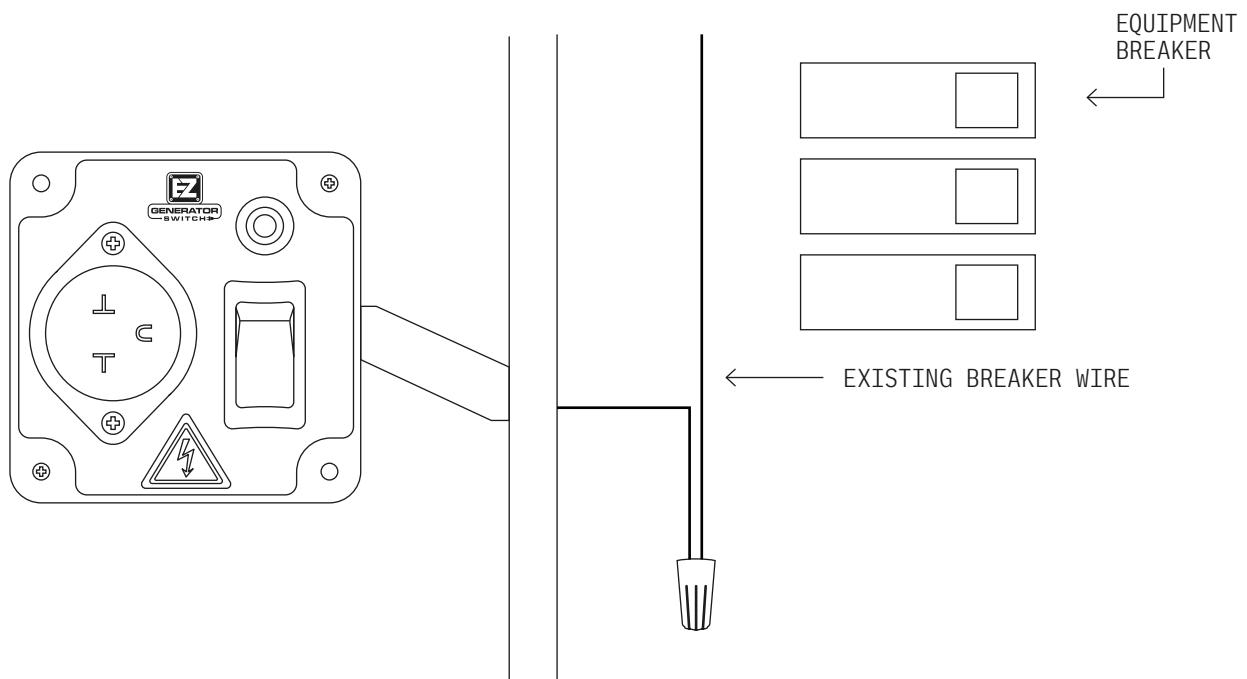
05. Gently feed wires through the offset nipple into your panel.



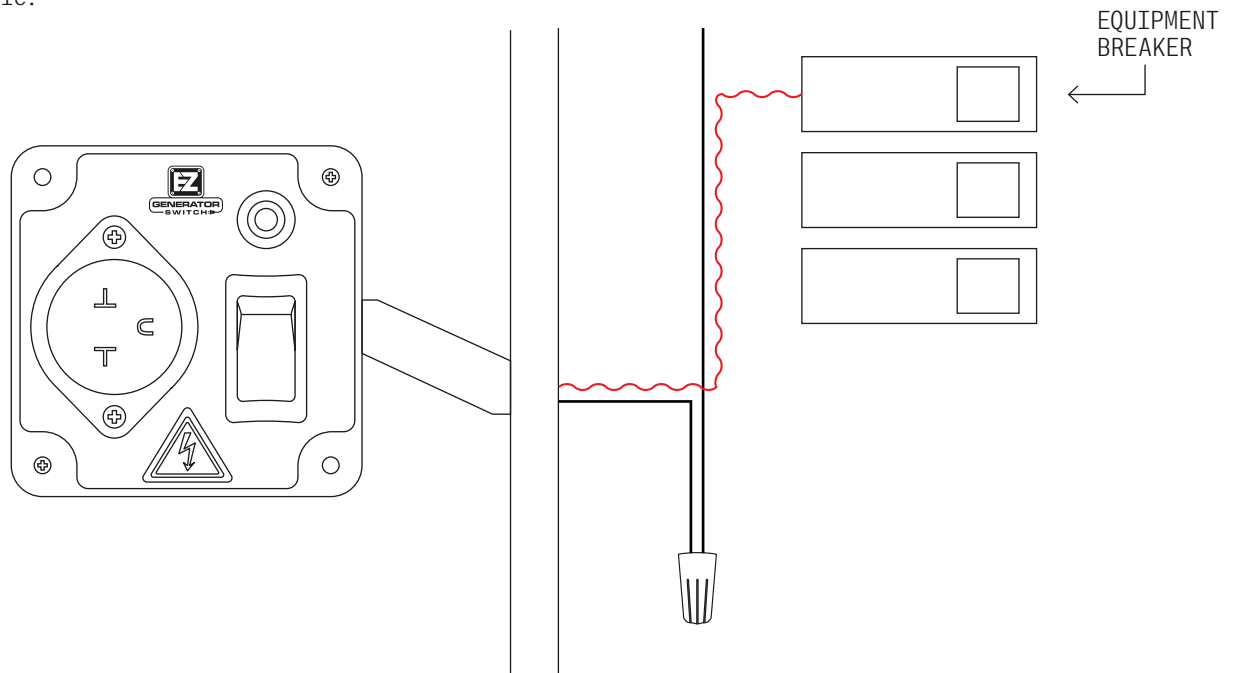
06. Secure copper bare ground wire under the green screw at the back of the metal box and screw the EZ Generator Switch plate closed.



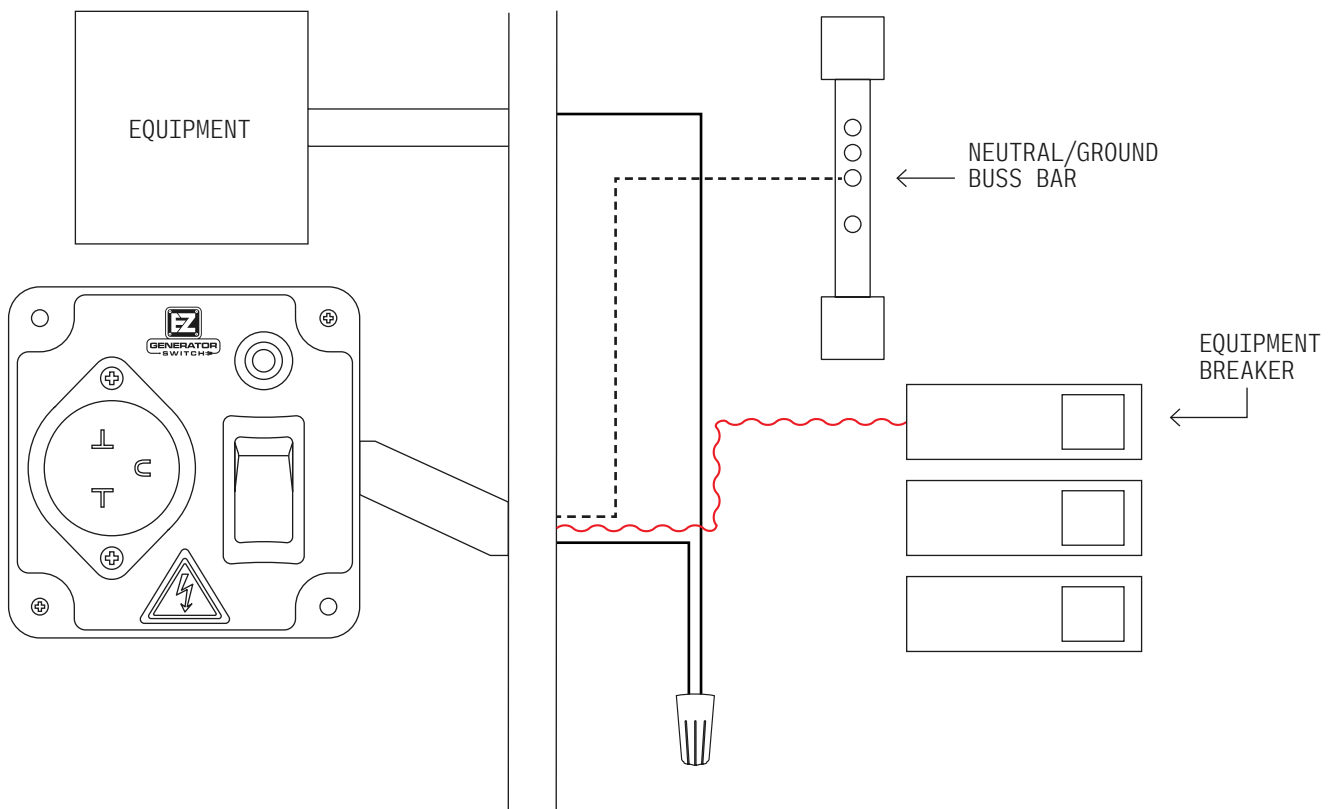
07. With power disconnected and checked, remove the existing black wire from your breaker and connect it to the EZ black wire with a wirenut.



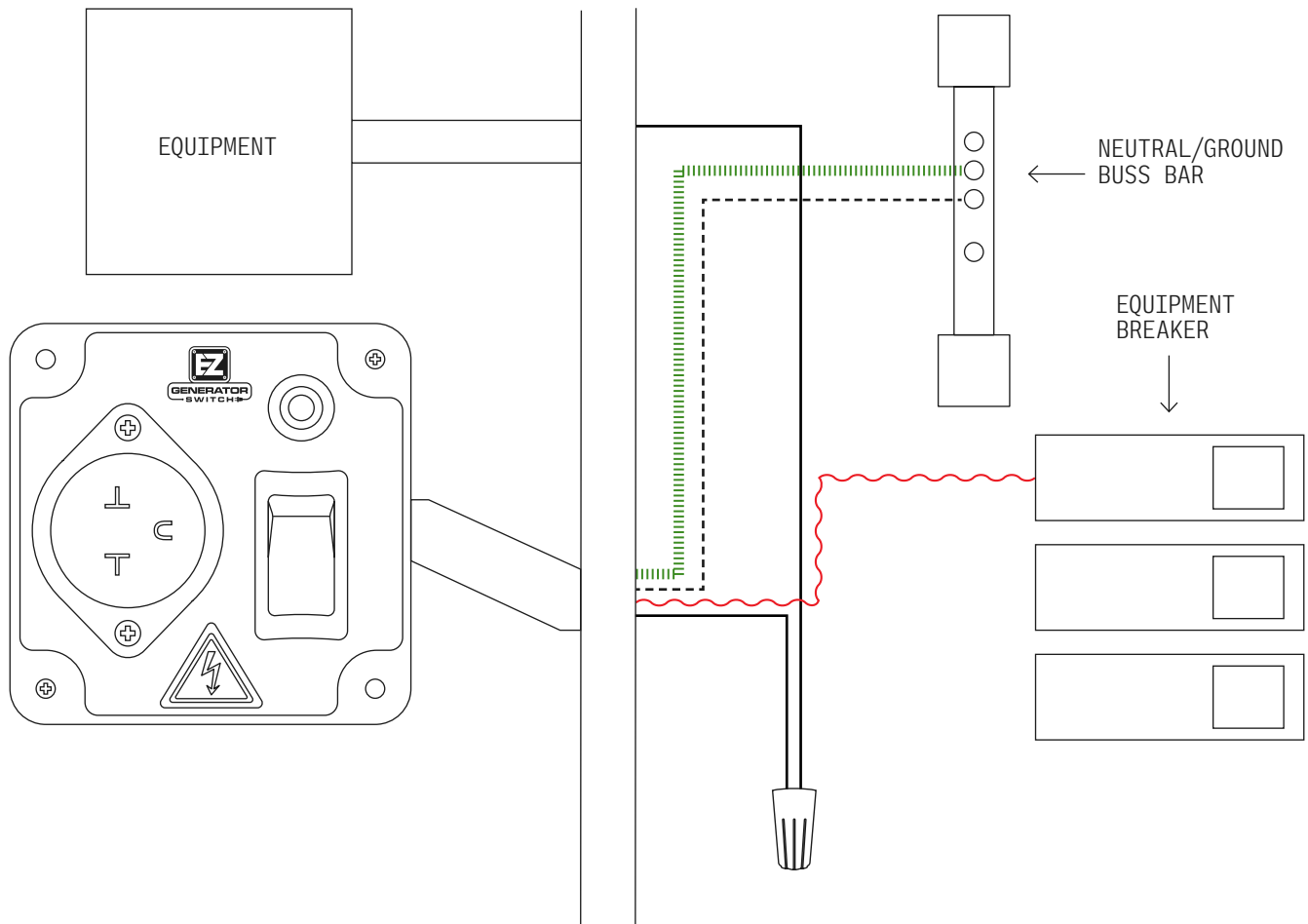
08. Connect our red wire to the empty breaker you have just made available.



09. Connect our white neutral wire to the existing neutral buss bar in your electrical panel.



10. Connect our copper bare ground wire to the existing ground buss (in some instances, this may also be the neutral buss bar).



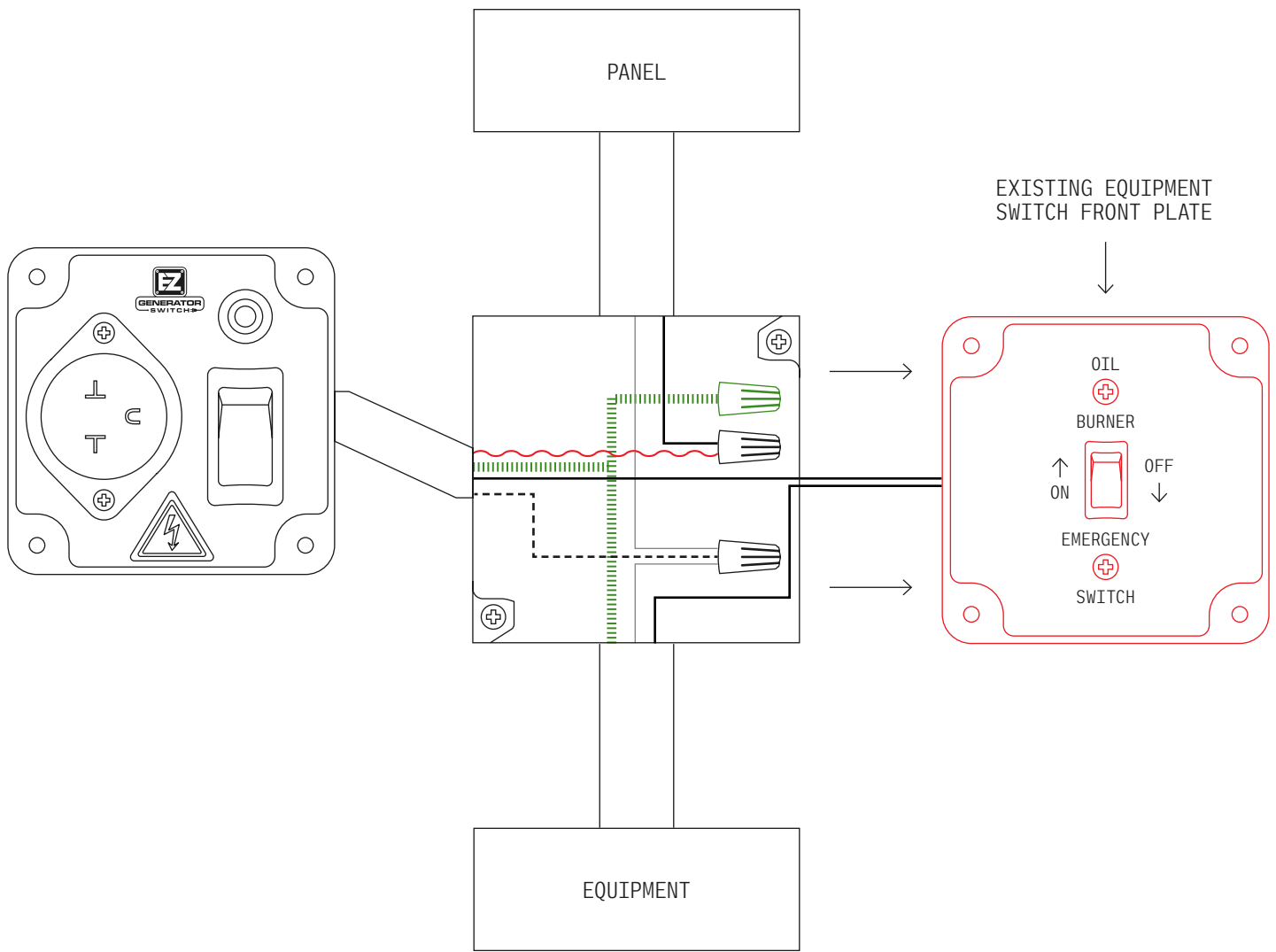
11. Check your connections per the finished diagram on page 17, close boxes, and energize equipment.



FLOATING NEUTRAL POWER SOURCES

OPTION B: INSTALLING YOUR EZ GENERATOR SWITCH AT YOUR EQUIPMENT

NOTE: The finished diagram below is of the switch connected to a furnace. While this is the most common piece of equipment to attach the switch to, it is not the only one and could be attached to well pumps, sump pumps, RV units, and more.



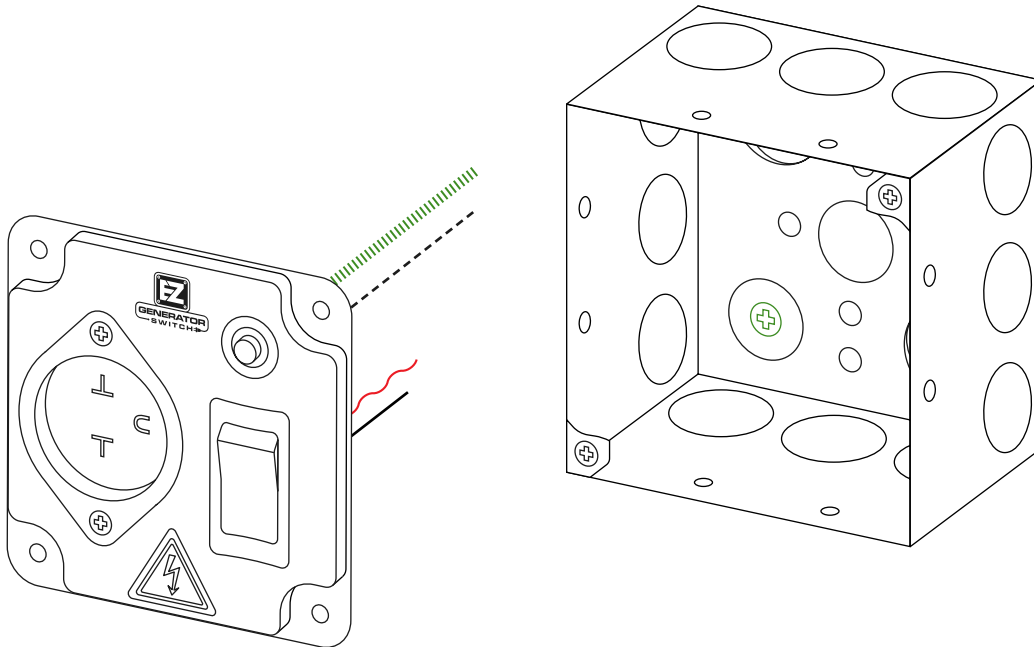
GROUND WIRE (green)
LOAD WIRE (black)
FEED WIRE (red)

EQUIPMENT NEUTRAL LOAD (white)
NEUTRAL WIRE (white)

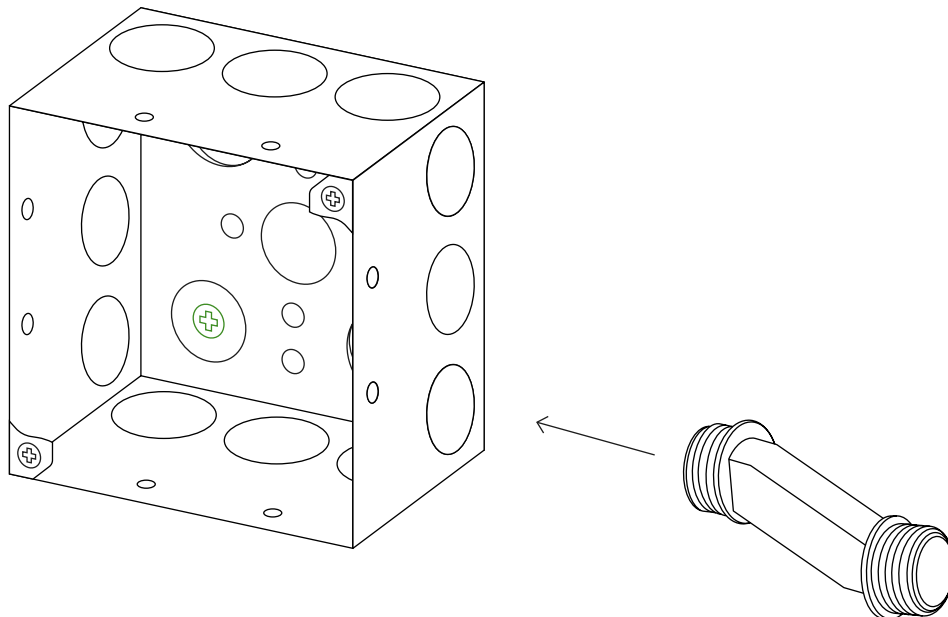


01. MAKE SURE ALL POWER IS TURNED OFF.

02. Remove copper bare ground wire from around green ground screw at the back of the metal box.

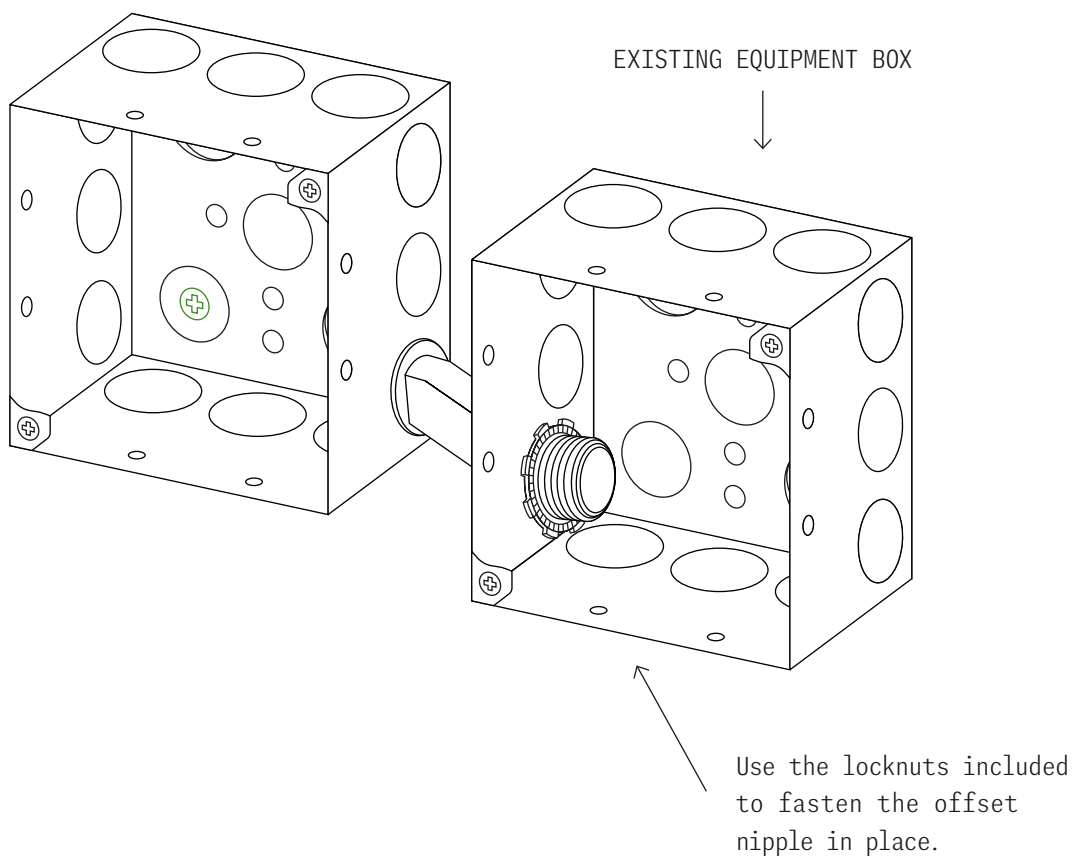


03. Choose knockout location on the side of the metal box and mount the offset nipple.

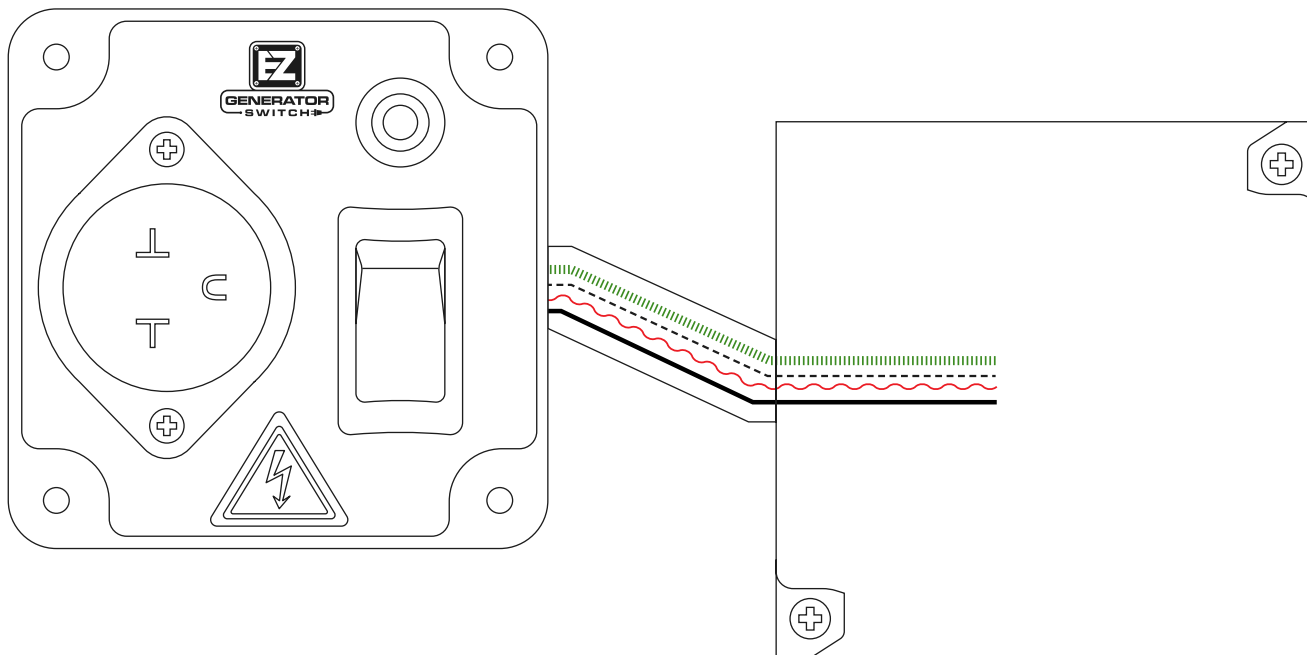


04. Mount the metal box on the next to your equipment box.

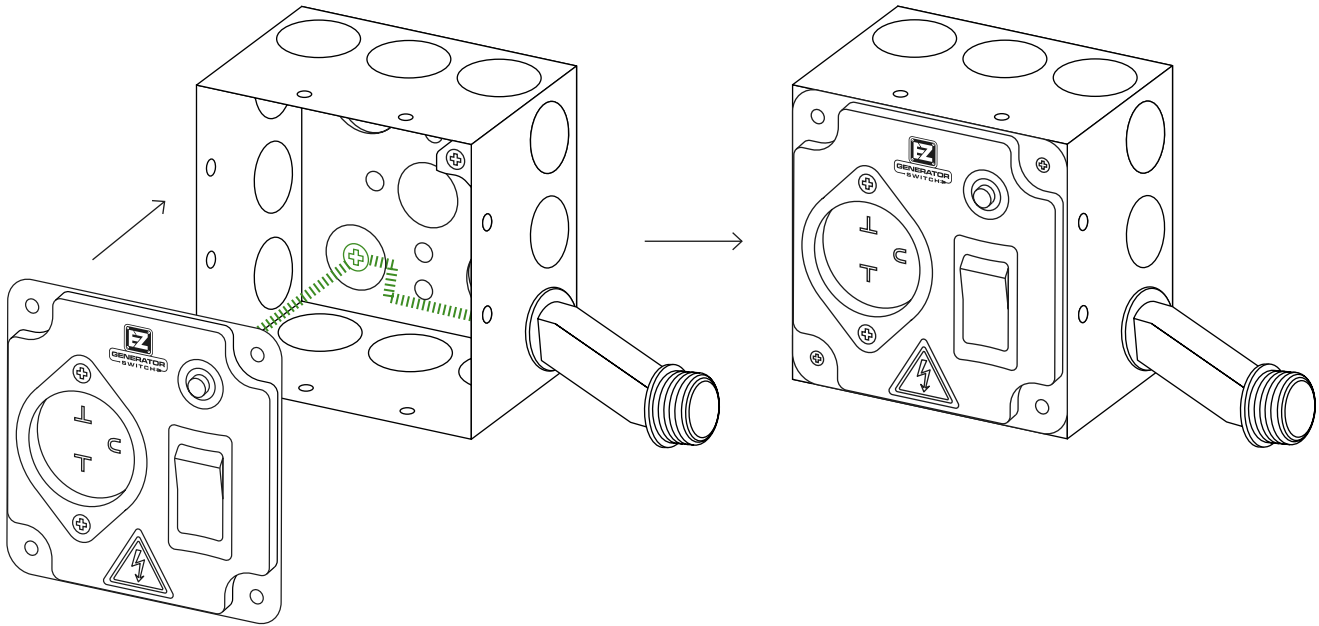
We recommend screwing the backbox to the wall to ensure a secure mount. If you are mounting directly to a furnace, make sure to use short screws.



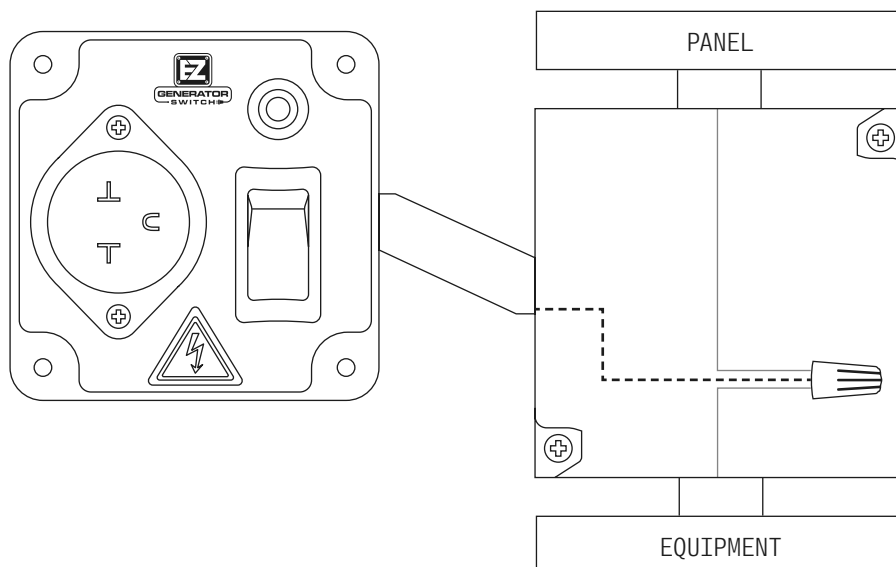
05. Gently feed wires through the offset nipple into your existing box.



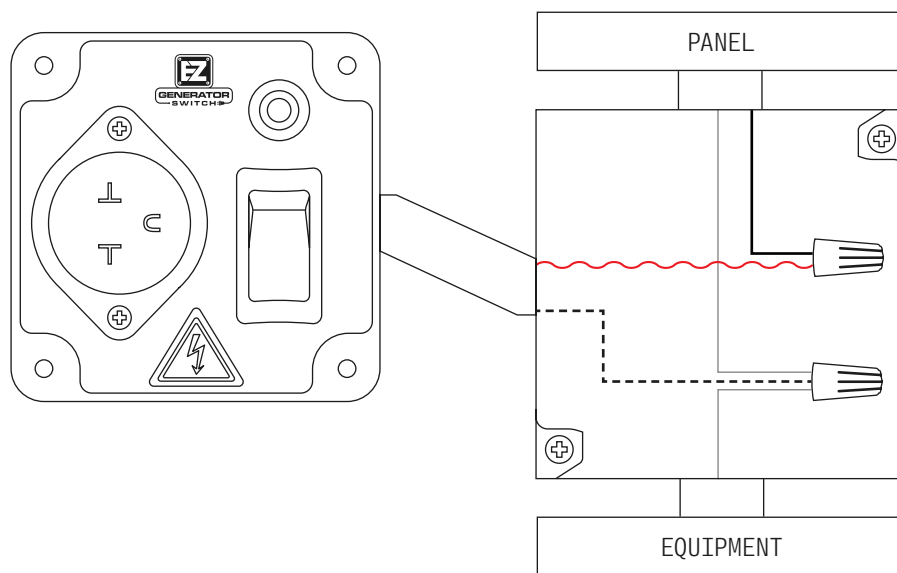
06. Secure copper bare ground wire under the green screw at the back of the metal box and screw the EZ Generator Switch plate closed.



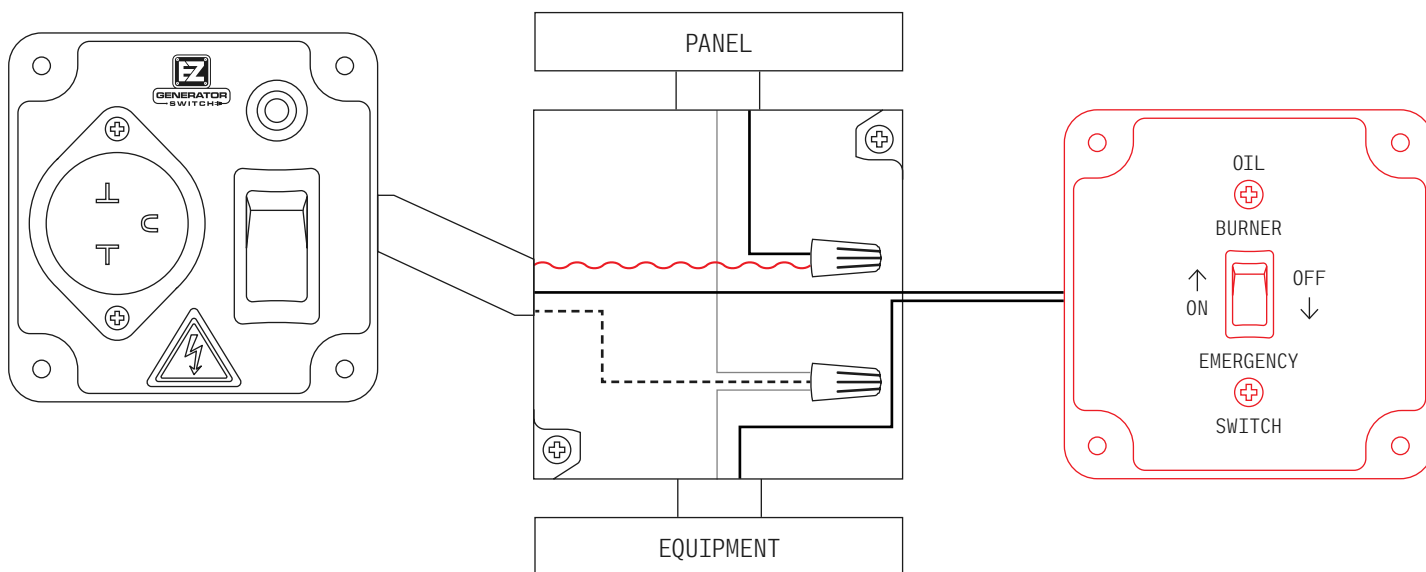
07. Connect our white neutral wire to your existing white neutral in your equipment with a wirenut.



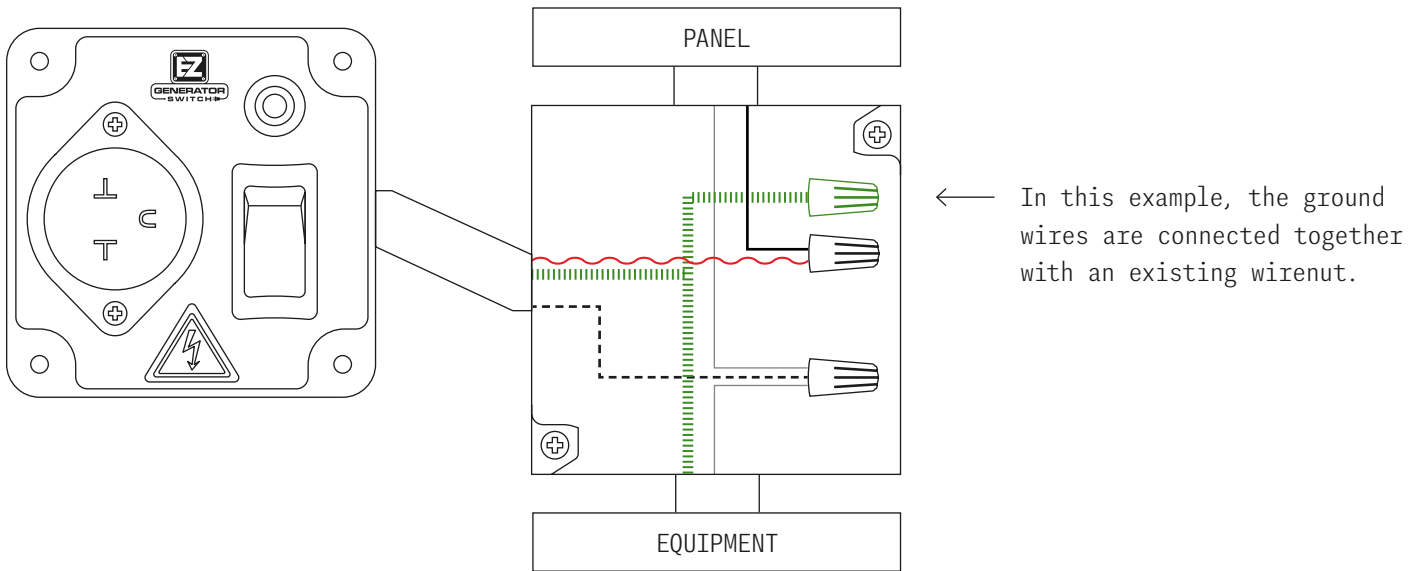
08. Disconnect your existing black wire feed from your equipment and wirenut it to the EZ red wire.



09. Connect our black wire to your existing equipment switch.
NOTE: Your emergency shut off switch is no longer needed. You can optionally remove and replace the existing switch with a blank cover.



-
10. Connect our copper bare ground wire to the existing ground in the circuit.



-
11. Check your connections per the finished diagram on page 23, close boxes, and energize equipment.



ADDITIONAL SUPPORT

CUSTOMER SUPPORT

Thank you for choosing EZ Generator Switch. If you need additional assistance with installing your switch or have general questions about our product, please reach out to us via our customer support email:

customer_support@ezgeneratorswitch.com

ONLINE RESOURCES

EZ Generator Switch homepage

www.ezgeneratorswitch.com

Online FAQ

www.ezgeneratorswitch.com/faq/

How-to videos

www.ezgeneratorswitch.com/how-to-videos/

