

Installation Instructions
GenReady Load Center EZ Transfer™ Operator

Model #005447-0

GENERAC POWER SYSTEMS, INC.

P.O. Box 8

Waukesha, WI 53186

TELEPHONE: (262) 544-4811

FAX: (262) 544-5689

—▲ **DANGER** ▲—



Hazardous voltage that will cause death, serious injury or substantial property damage. Turn off power supplying this equipment before working inside.

This instruction sheet outlines the general installation procedure. It is not intended to cover all details or variations in equipment nor does it provide for every possible contingency to be met in connection with installation. If unsure of the correct procedure, have any questions, or need assistance, contact a qualified electrical contractor.

This device should be installed in accordance with all local electrical codes and/or the latest edition of the National Electrical Code[®].

NOTE: The GenReady Panel is designed to be directly compatible with any Generac manufactured product. Use of another manufacturer's generator may require the purchase and installation of additional sensing and control components.

STEP 1:

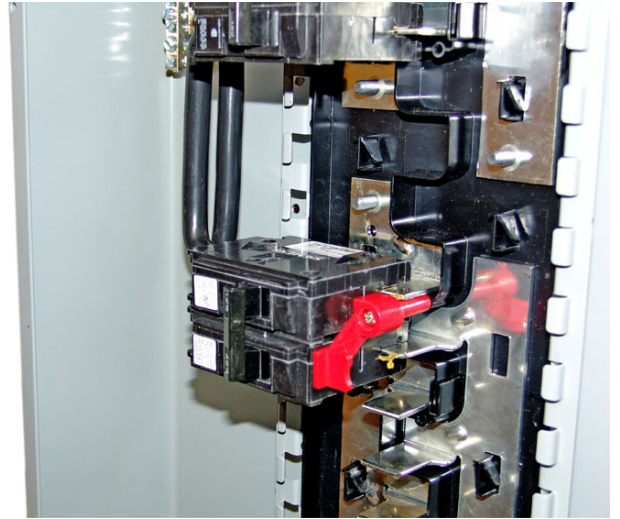
Remove the six (6) screws that hold the trim (front cover) on. Remove the trim from the front of the panel board.



STEP 2:

- a. Open outer trim door exposing the upper pan (dead front).
- b. Remove all twist-outs covered by existing labels.
- c. Apply one of the ATS Danger decals to the load center as shown in the following figure.

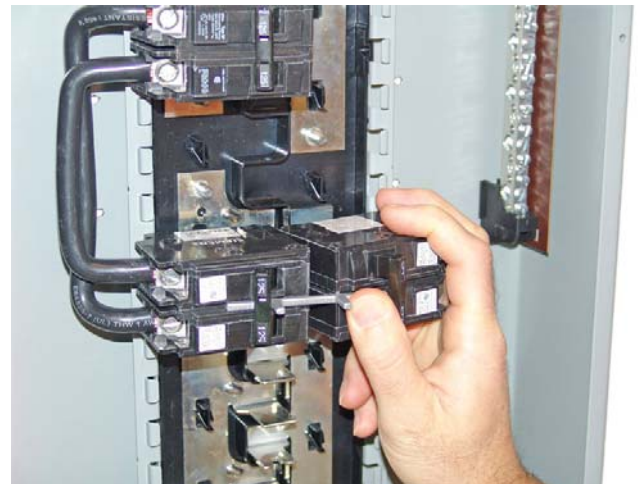
2a.



STEP 4:

- a. Add additional 125 Amp, 2-pole switch on right. Place in OFF position. Before lowering switch on stabs install interlock bar under the existing switch handle and the new switch handle as shown.
- b. Push both switches into the bus stabs.

2b.



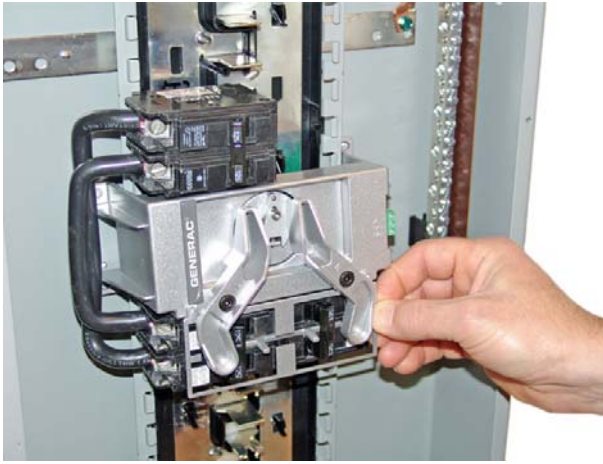
STEP 5:

- a. Position operator under the hold down bracket. Locate operator and switch tie bracket around the two 125 Amp switches.
- b. Install the two (2) screws (M3 x 6mm PPHMS) to mount the switch tie bracket to the operator mechanism.

STEP 3:

Remove the RED retaining clip by unscrewing the fastener in the center of clip and discard.

5a.

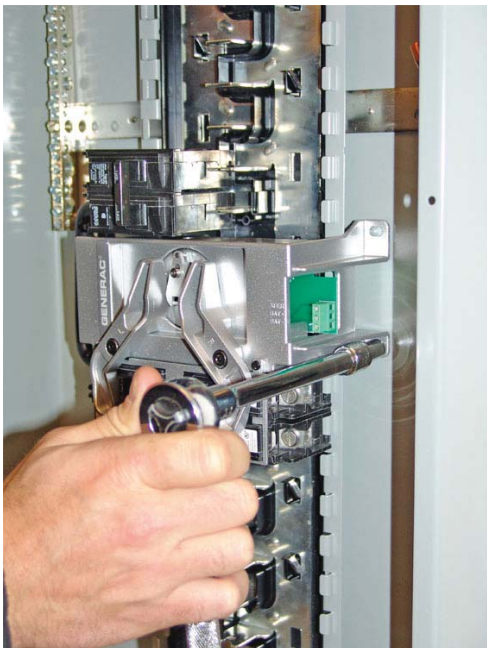


5b.



STEP 6:

Install the four (4) screws (10-32 x 5/16 HHTT) to mount operating mechanism to the back of the panel board.



STEP 7:

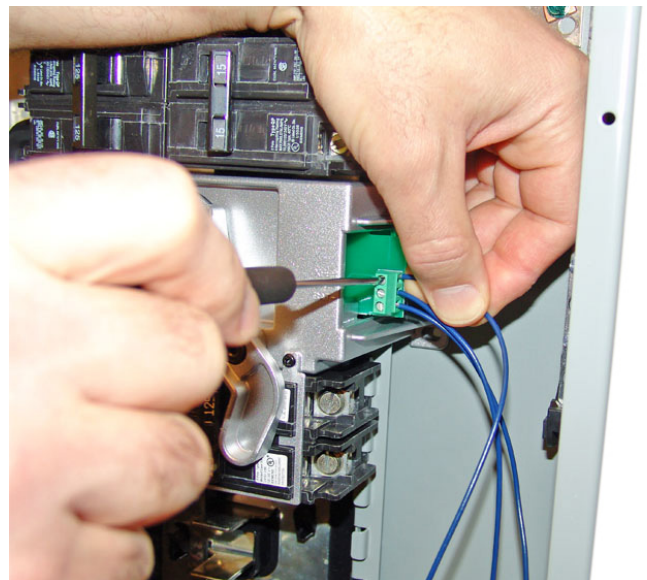
Install the 15 Amp 2-pole circuit breaker in the position shown.



STEP 8:

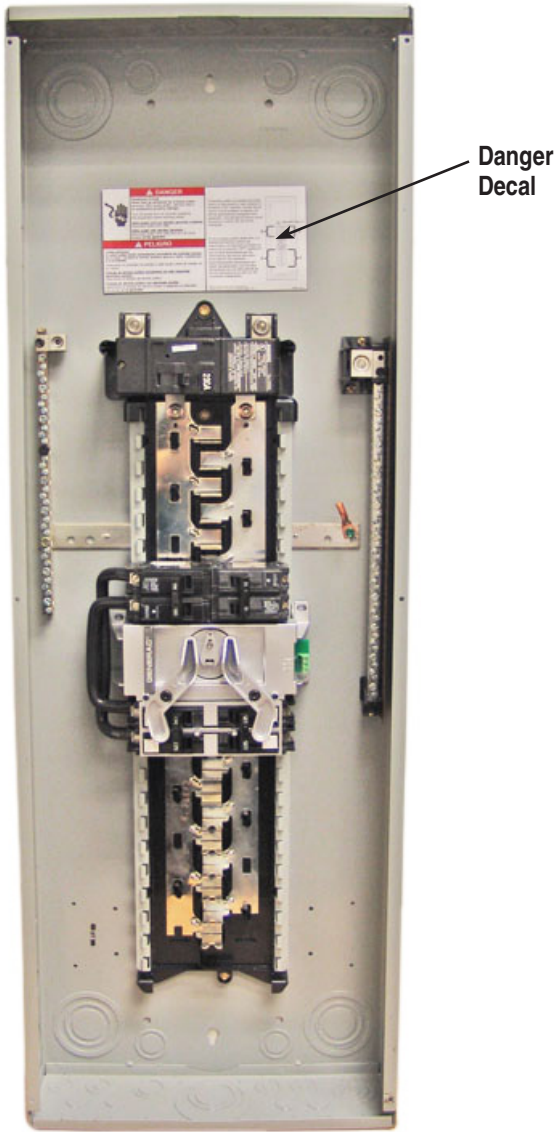
Install generator control wiring (must be installed in conduit). Install 5A fuse (if required) to the terminal strip in generator and connect the control wire from the generator.

Refer to the wiring diagram (P/N 0G4744) for further details. 2007 and earlier generator models – refer to 0G4744 page 1, for generator models introduced in 2008 and later- refer to 0G4744 page 2.



STEP 9:

Apply one of the ATS Danger decals to the load center as shown.



STEP 11:

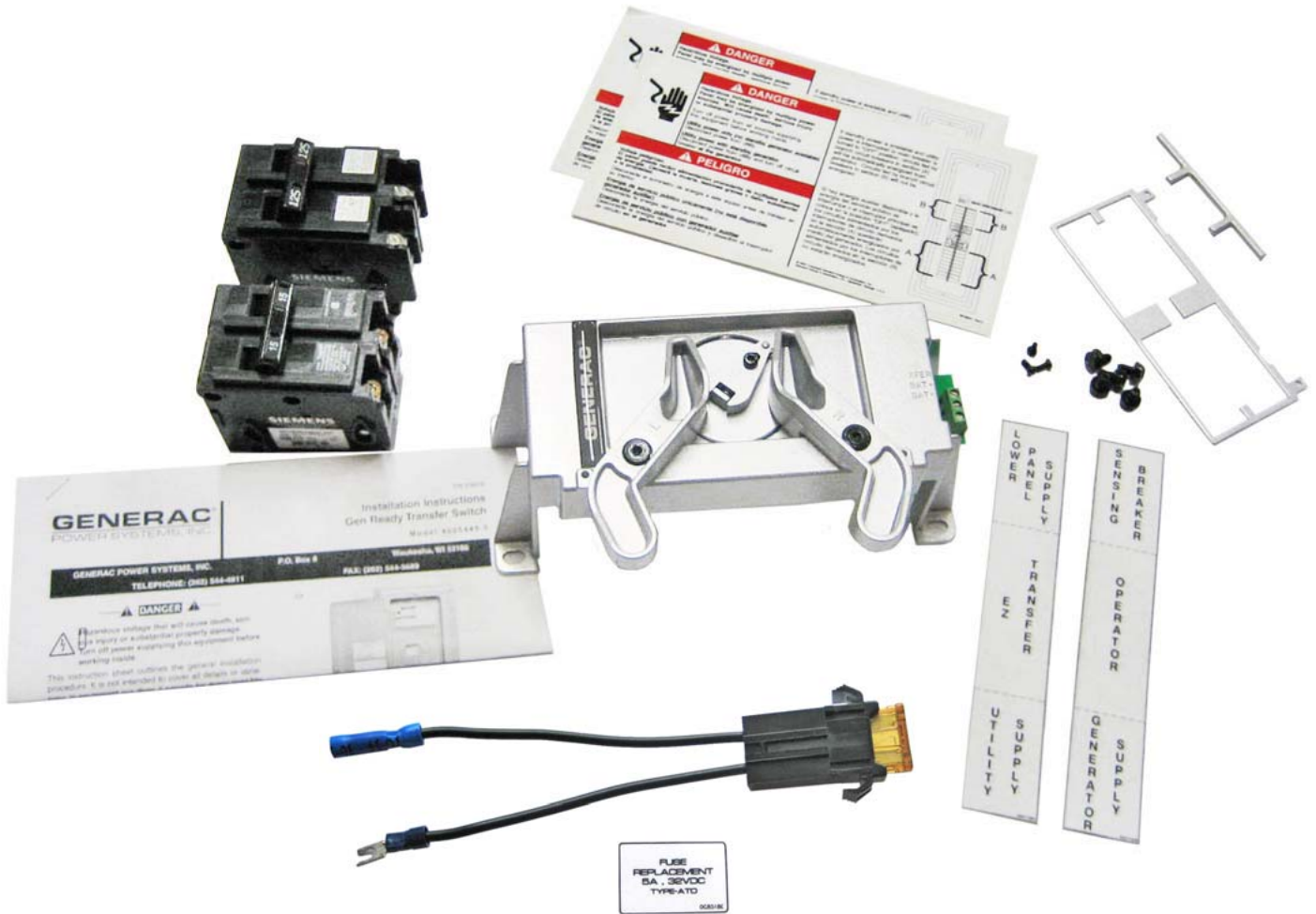
Apply decal 0G4742A on the left side, and decal 0G4732B on right side of the EZ Transfer™ operator box as shown.

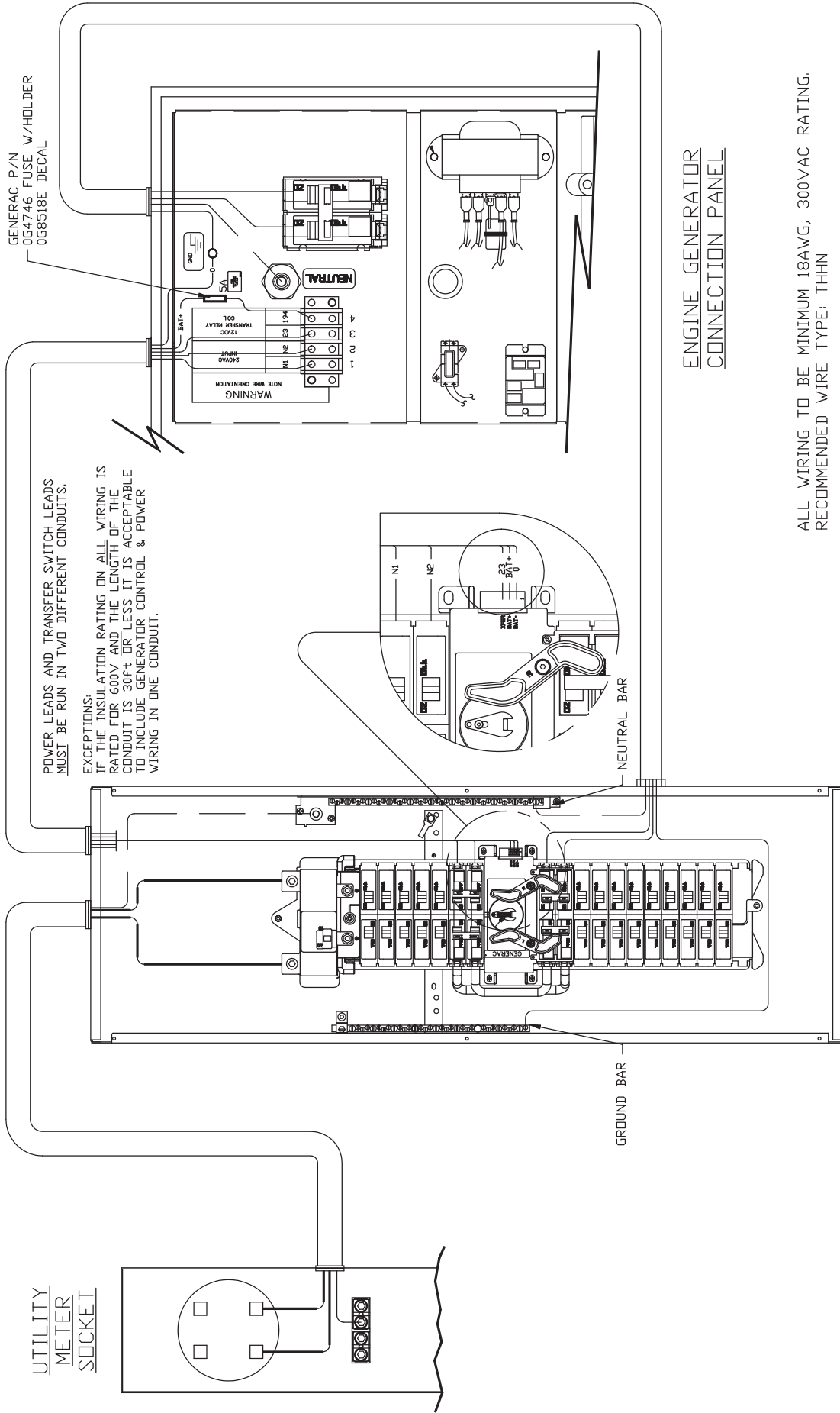


STEP 10:

Place the front cover on the panel board. Install the six (6) screws to hold the front cover on.

REFERENCE: Items supplied in the EZ Transfer™ operator kit.





ENGINE GENERATOR
CONNECTION PANEL

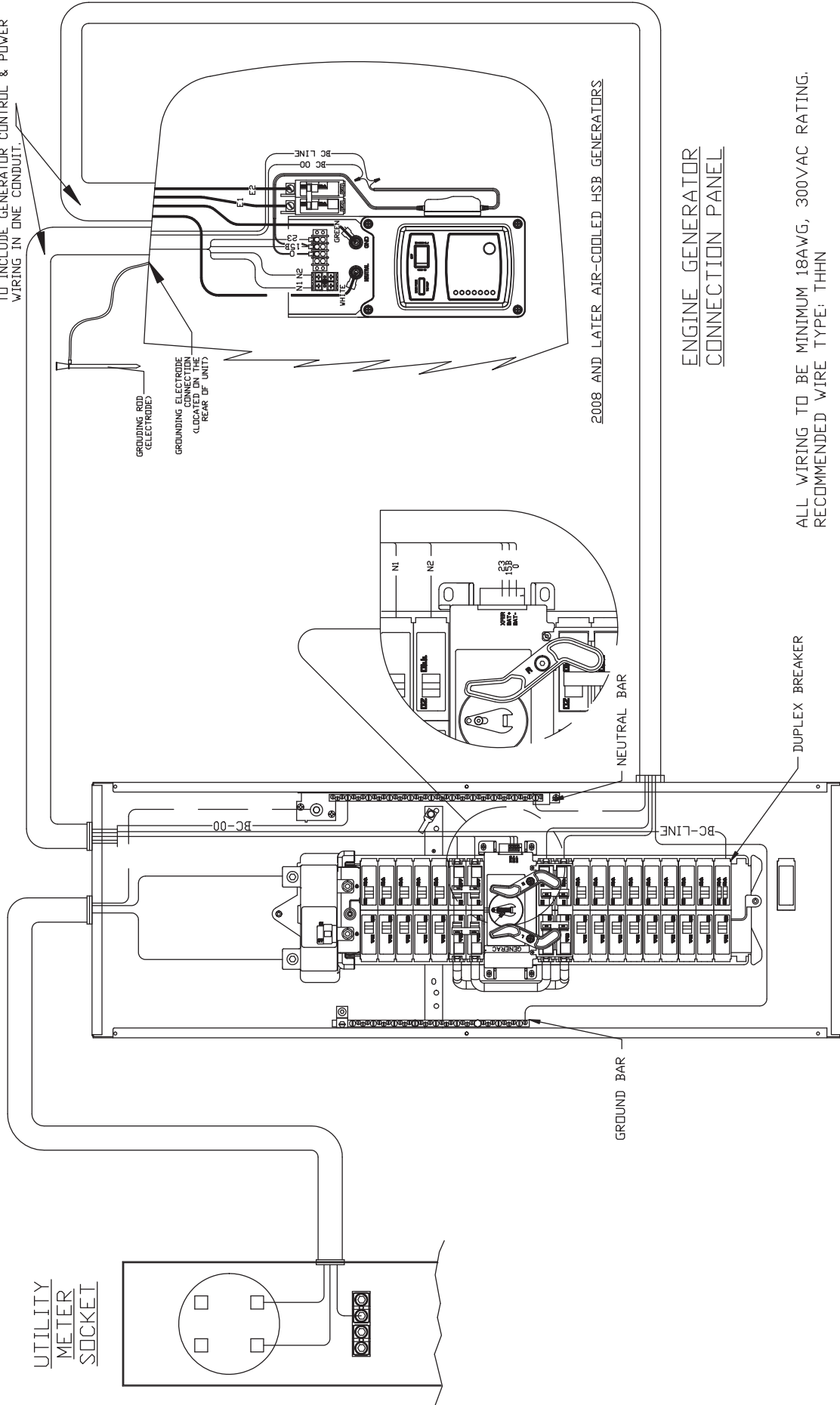
GEN-READY
LOAD CENTER

ALL WIRING TO BE MINIMUM 18AWG, 300VAC RATING.
RECOMMENDED WIRE TYPE: THHN

NOTE: INSTALLATION TO BE DONE BY A
LICENSED ELECTRICIAN AND MUST
MEET ALL NATIONAL, STATE AND
LOCAL ELECTRICAL CODES.

POWER LEADS AND TRANSFER SWITCH LEADS MUST BE RUN IN TWO DIFFERENT CONDUITS.

EXCEPTIONS: IF THE INSULATION RATING ON ALL WIRING IS RATED FOR 600V AND THE LENGTH OF THE CONDUIT IS 30ft OR LESS IT IS ACCEPTABLE TO INCLUDE GENERATOR CONTROL & POWER WIRING IN ONE CONDUIT.



ENGINE GENERATOR CONNECTION PANEL

ALL WIRING TO BE MINIMUM 18AWG, 300VAC RATING. RECOMMENDED WIRE TYPE: THHN

NOTE: INSTALLATION TO BE DONE BY A LICENSED ELECTRICIAN AND MUST MEET ALL NATIONAL, STATE AND LOCAL ELECTRICAL CODES.

GEN-READY LOAD CENTER

