

Disconnecting the Neutral Bond to Frame

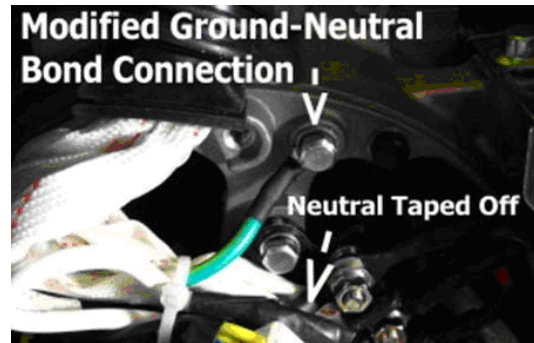
For certain generator applications, a qualified electrician may recommend removing the neutral bond to the generator frame, resulting in a "floating neutral". Feeding electrical power to a house through a transfer switch which does not switch neutral may be one example. These instructions illustrate a method for removing the neutral bond from Champion Power Equipment generators.

Tools Required: 7mm and 8mm wrenches or sockets and electrical tape.

Time Required: 0.15 hr (9 minutes).

WARNING: Consult a qualified electrician to ensure compliance with local safety and electrical codes.

WARNING: Generators sold in Canada with CSA certification have the neutral bonded to the frame in compliance with CSA standards. Disconnecting the neutral bond will void the CSA certification of the generator.



1. Remove the two 7mm bolts holding the yellow, round cover on the end of the generator.
2. Remove the 8 mm ground-neutral bond connection.
3. Separate the white, neutral wire from the green ground wire.
4. With electrical tape, securely wrap the neutral wire and tuck it under the existing tie wrap.

- Alternatively, disconnect the white jumper from the terminal block as well and permanently remove the jumper.
5. Reattach the green, bonding wire with the 8 mm bolt.
 6. Place the yellow cover on the generator end and secure with the two 7mm bolts.

If you have any questions, please contact Champion Power Equipment:

Champion Power Equipment, Inc.
10006 Santa Fe Springs Rd.
Santa Fe Springs, CA 90670

Phone: 1-877-338-0999

Email: tech@championpowerequipment.com