

Disconnecting the Neutral Bond to Frame

Applicable product models: GM3500iAED/GM3500Xi/GM5500i/GM6000iED/GM6000XiE/GM7250iEDC/GM12000ED

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 generators.

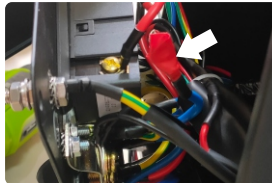
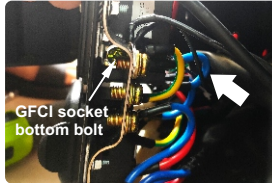


WARNING: Consult a qualified electrician to ensure compliance with local safety and electrical codes.

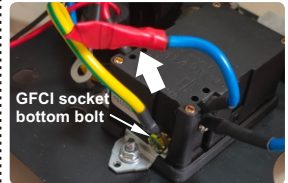
WARNING: Generators sold in Canada with CSA certification have the neutral bonded to the frame in compliance with CSA standards. Disconnecting the neutral bond will void the CSA certification of the generator.

1. Take out the bolts on the panel and remove the panel.
2. Find the blue wire on the GFCI socket, loosen the bottom bolt and take out the blue neutral wire.
3. Separate the blue wire from the yellow wire and wrap the blue wire with electrical tape and away from the yellow wire.
4. Tighten the bolts at the bottom of the GFCI and install the panel.

Example of generator internal installation



Individual panel simplified example



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