

UNBONDING THE GENERATOR

Removing the Generator Bond



TO THE INSTALLER: If connecting the generator to a standard 2-pole transfer switch or interlock, then it would be advised to remove the generator bond before making the connection.

Depending on the serial number the instructions to unbond the generator will vary. For XP16000iH models with a serial number that's all numerical use **"Removing the Generator Bond Version #1"**. For XP16000iH models with a serial number that starts with the letters "YZ" use **"Removing the Generator Bond Version #2"**.



DANGER: Removing the generator bond will make the generator ungrounded and not safe to operate without being properly grounded through the home. **NEVER** run the generator with a removed bond while not connected to a ground.

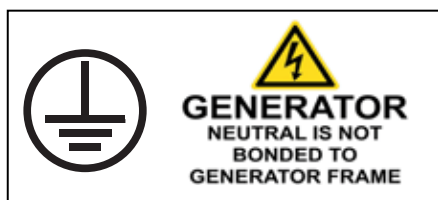


DANGER: Removing the generator bond will disable the GFCI protection function, increasing the risk of electric shock.



WARNING: The following procedure should only be performed by a qualified electrician.

NOTE: After performing the unbonding procedure please ensure the generator is properly labeled as a floating neutral with the below label or equivalent.



UNBONDING THE GENERATOR (CONTINUED)

Removing the Generator Bond Version #1



1. Remove panel housing bolts

Remove all (13) black plastic panel housing bolts with an 8mm socket wrench, then remove the black plastic panel housing.



2. Remove fuel valve center screw

The fuel valve knob will be located on the lower left hand corner of the panel. Remove the center screw with a screwdriver, then remove the fuel valve knob from the panel.



3. Remove screws around panel

Remove the screws around the panel with a screw driver.



4. Remove busbar neutral wires

Lean the control panel forward to expose the internal wiring. Locate the neutral busbar below the main breaker with the (6) white neutral wires and yellow/green ground wires attached. Remove all (6) white neutral wires from the busbar and leave all yellow/green ground wires in place.



5. Secure the loose white wires

Connect the (6) loose white wires together with an 8mm (5/16 in.) bolt and nut. Tighten securely.



6. Insulate the loose white wires

Wrap the metal exposed end of the disconnected white wires with electrical tape to ensure that it doesn't make contact with any of the other circuits.



7. Reassemble panel

Screw all sides of the panel back in. **Note: Verify none of the panel wires get pinched when installing.** Reinstall fuel inlet nut, fuel selector knob screw, fuel selector knob cover, and reinstall the outer panel housing. **Label appropriately that the neutral is floating.**

UNBONDING THE GENERATOR (CONTINUED)

Removing the Generator Bond Version #2



1. Remove panel housing bolts

Remove all (13) black plastic panel housing bolts with an 8mm socket wrench, then remove the black plastic panel housing.



2. Remove fuel valve center screw

The fuel valve knob will be located on the lower left hand corner of the panel. Remove the center screw with a screwdriver, then remove the fuel valve knob from the panel.



3. Remove screws around panel

Remove the screws around the panel with a screw driver.



4. Remove busbar neutral wires

Lean the control panel forward to expose the internal wiring. Locate the neutral busbar below the main breaker with the (5) white neutral wires, red hot, and yellow/green ground wires attached. Remove all (5) white neutral wires from the busbar and (1) red hot wire. Leave all yellow/green ground wires in place.



5. Secure the loose wires

Connect the (5) loose white wires and (1) red wire together with an 9 mm (5/16 in.) bolt and nut. Tighten securely.



6. Insulate the loose wires

Wrap the metal exposed end of the disconnected white and red wires with electrical tape to ensure that it doesn't make contact with any of the other circuits.



7. Reassemble panel

Screw all sides of the panel back in. **Note: Verify none of the panel wires get pinched when installing.** Reinstall fuel inlet nut, fuel selector knob screw, fuel selector knob cover, and reinstall the outer panel housing. **Label appropriately that the neutral is floating.**