

Installation Instructions

Main Board WR55X10942

Single Evaporator and Single Speed Compressor Models

Note: Do not use on dual evaporator or variable speed inverter compressor models.



BEFORE YOU BEGIN

Read these instructions completely and carefully.

TOOLS YOU WILL NEED:

- 1/4" Nut driver
- Wire cutters (for some models)

PARTS INCLUDED:

- Main board with attached ground wire
- Installation Instructions

STEP 2-ELIMINATE THERMISTOR WIRE IN PIN 2 OF J1 CONNECTOR (See note below) IF NO WIRE IN PIN 2, PROCEED TO STEP 3

NOTE: This step is ONLY applicable for the following models:

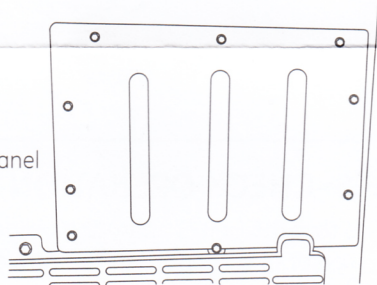
All **BOTTOM FREEZER** models

ENCODER models with the following serial number prefixes: TD2, VD2, ZD2, AF2, DF2, FF2, GF2, HF2, LF2, MF2, RF2, SF2

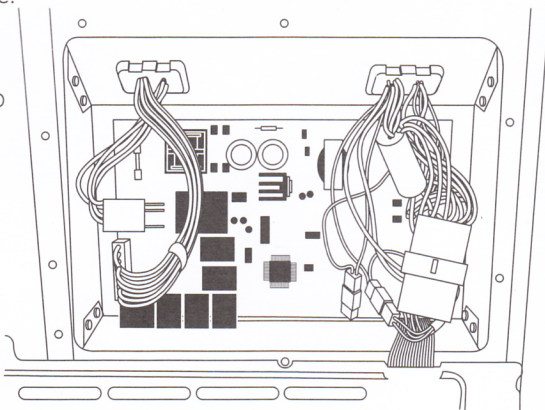
STEP 1-REMOVE EXISTING MAIN BOARD

- Unplug power cord from wall outlet.
- Remove back panel.

Back panel



- After removing the back panel, the electrical connections will be visible.
- Gently pull on each connector to disconnect from the terminal.
- Remove board.

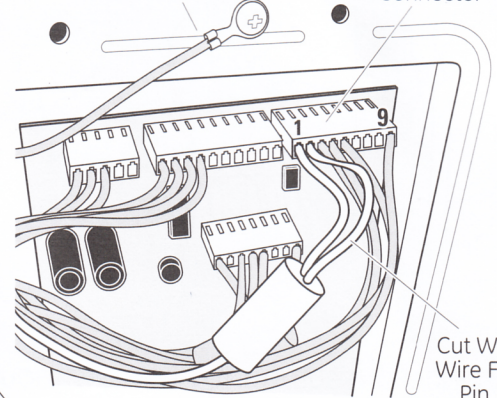


Original Board connected in unit

- Eliminate thermistor wire in pin 2 of J1 connector. Wire may originate from a molded plug or jumper as shown.

Ground Wire

9-Pin Connector



Cut White Wire From Pin 2

Cut Here

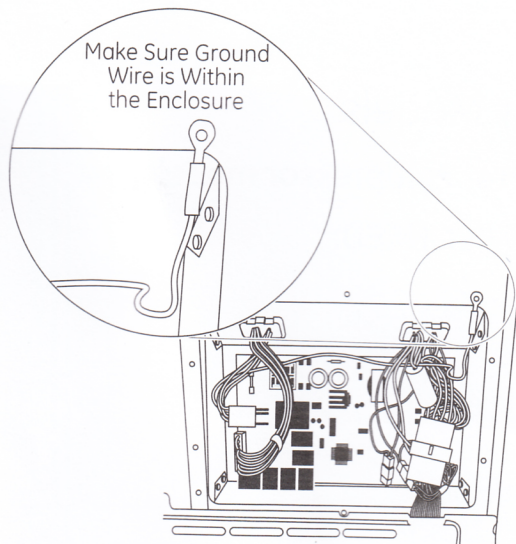
9-Prong Connector



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STEP 3-INSTALL NEW MAIN BOARD

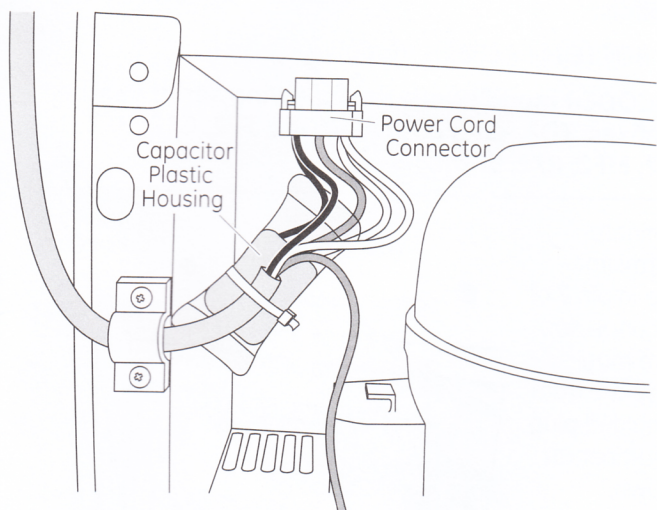
- Reconnect the electrical connections by gently pushing the connectors onto the terminals.
- The connectors on the new board may be in a different order/place than the old board.
- When replacing back panel, make certain to capture eyelet of ground wire with back panel screw.
- Make sure the ground wire is not pinched by the back panel and is within the enclosure.



STEP 4-CUT GREEN WIRE IN CAPACITOR BOARD

Note: Only applicable for BOTTOM FREEZER models

- Remove the machine compartment access cover.
- Locate the capacitor board in the plastic housing.



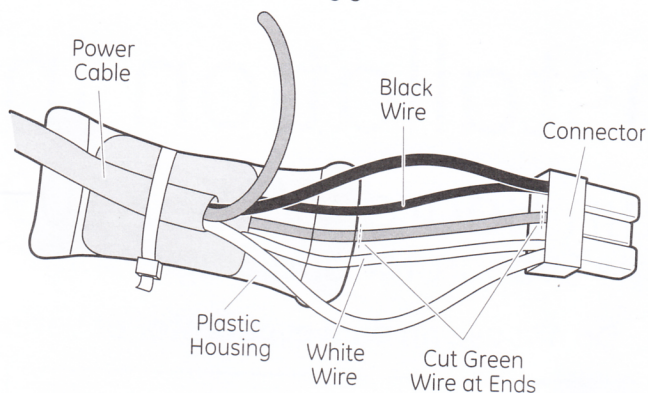
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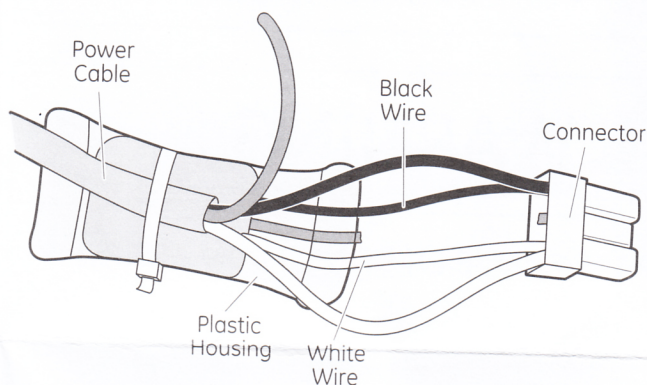
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- If the capacitor is not present, skip to Step 5.
- Cut the green wire coming from the connector to the plastic housing (see illustrations below).

Plastic housing before cutting green wire.



Plastic housing after green wire has been cut and removed.



STEP 5-CHECK OPERATION

- Ensure that the unit is operating properly. Make sure the compressor and evaporator fan turn on. Check that the temperature board is functioning.

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