

## INSTALLATION INSTRUCTIONS

### For G3, G4, G5, G6, M2 & M3 Furnace Models INSTALLATION SEQUENCE FOR NORDYNE CONTROL

#### G6, M2 & M3 Furnace Models:

1. Turn off the power supply to the furnace.
2. Remove the wires and connectors from the old board one at a time and connect them to the new control board as they are removed to avoid miswiring.
3. Remove the old board by cutting off the mounting feet. Install the new board in the same position by snapping the feet into the mounting holes. NOTE: Use care to apply pressure only at the mounting studs.
4. Turn on the power supply and check the furnace for proper operation.

#### G5 Furnace Models:

1. Turn off the power supply to the furnace.
2. Remove the wires and connectors from the old board one at a time and connect them to the new control board as they are removed to avoid miswiring. Remove the control bracket mounting screws from the outside of the cabinet, if accessible (except G5RL models). Install the new control bracket and proceed to step 4. If the screws are not accessible, new mounting holes must be drilled in the existing mounting bracket. See instructions in step 3.
3. Remove the board securing screw and the old control board. Place the template provided on the back of this sheet over the mounting bracket, as described, and secure with electricians tape. Move the new control board wiring assembly out of the way and carefully drill 3/16" diameter holes as shown in the template. Remove the template.
4. Position the control with the fuse toward the top and snap the feet into the mounting holes. NOTE: Use care to apply pressure only at the mounting studs.
5. Apply the new wiring diagram for G5 furnaces.
6. Turn on the power supply and check the furnace for proper operation.

#### G4 and G3RC Furnace Models:

1. Turn off the power supply to the furnace.
2. Remove the wires and connectors from the old board one at a time and connect them to the new control board as they are removed to avoid miswiring. Remove all mounting screws and the old control board.
3. Place the template provided on the back of this sheet in the control box, in the correct position, and secure with electricians tape. Move the new control board wiring assembly out of the way and carefully drill 3/16" diameter holes in the locations shown in the template. Remove the template.
4. Position the control with the fuse toward the box cutout and snap the feet into the new mounting holes. NOTE: Use care to apply pressure only at the mounting studs.
5. Disconnect the 6-pin connector plug. Using an AMP extractor tool #458994-2 (NORDYNE #799092) remove the blue wire from socket position #4 and install it in position #1. (See Figure 1). If the tool is not available proceed as follows:  
  
Cut off the blue wire at socket position #4 in the connector, as illustrated in Figure 1, and strip the insulation back 3/8". Plug the length of blue wire provided into socket position #1, next to the cut wire stub. Reconnect the 6-pin connector plug. Connect the loose ends of the blue wires using the wire nut provided, as shown in Figure 2. Tape the wire nut connection with electricians tape.
6. Apply the new wiring diagram for G4 furnaces to the inside of the control box cover.
7. Turn on the power

TEMPLATE ON BACK



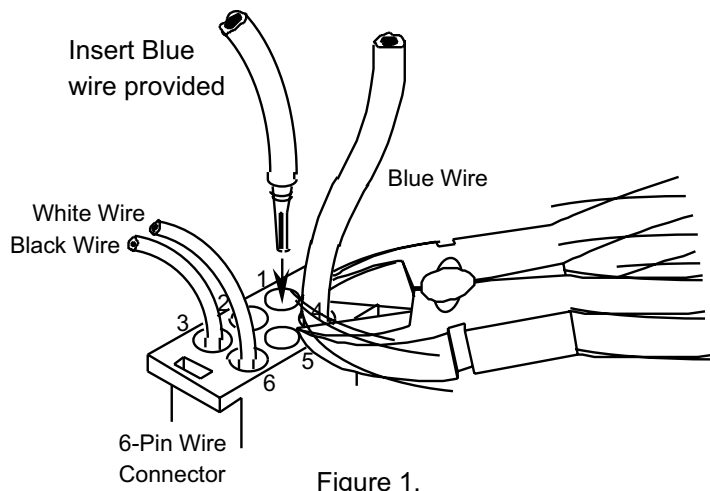


Figure 1.  
G4 Models Only

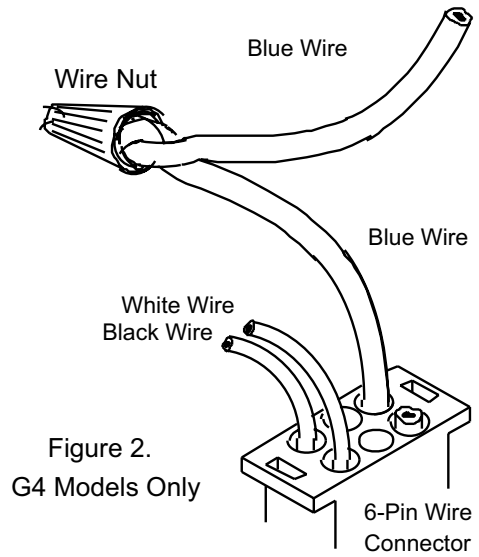
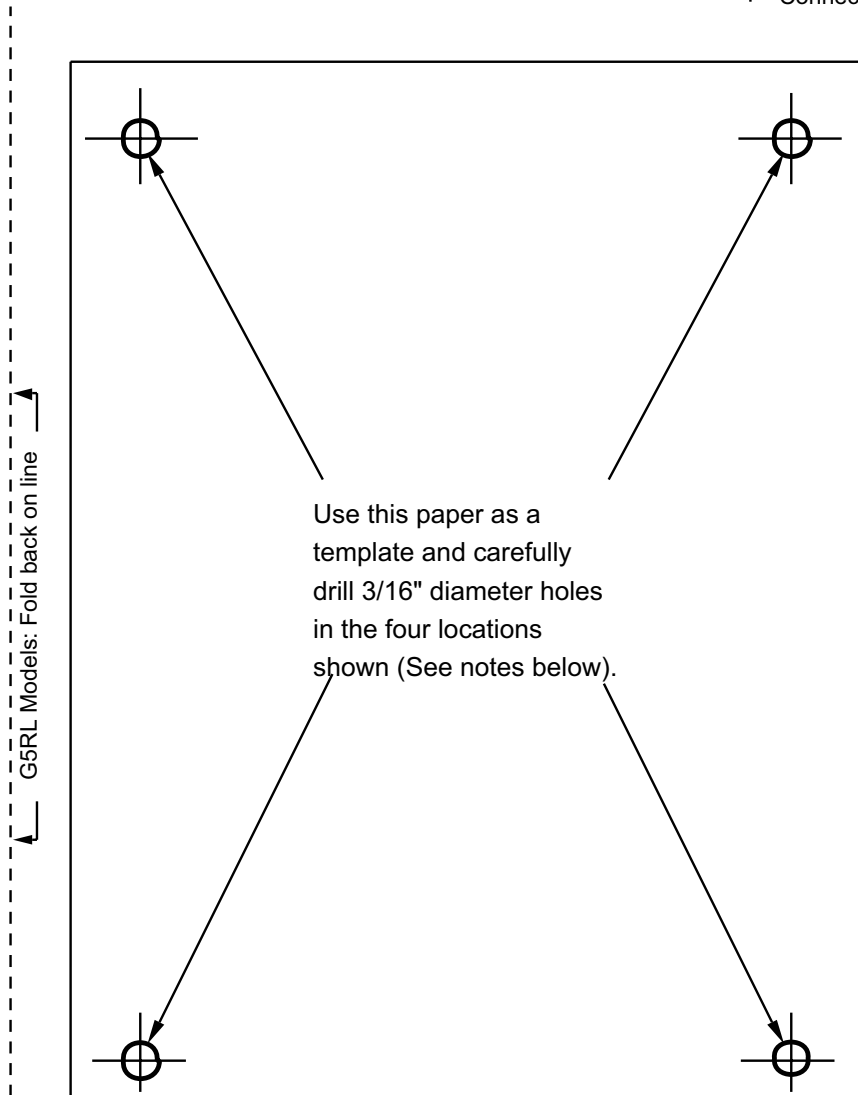


Figure 2.  
G4 Models Only

G5RL Models only : Fold paper back along dashed lines and place this corner on lower-left corner of mounting panel.



All G4 & G5 Furnaces, except G5RL Models : Place this corner in corner of control box, next to cutout (G4), or on lower-right corner of mounting panel (G5).