HARMAN WIRING HARNESS 3-20-08727
INSTALL INSTRUCTIONS

How to Install

1. Unplug the unit.

2. Remove the rear access panel

3. Disconnect the old wiring harness from all the connected components starting from the control board. (Take note of the orientation of the connector on the control board). Removal of some or all of the connected components may be necessary to remove the wiring harness.

4. Connect the new wiring harness to both the control board and the components. Please refer to the Color Index below for details on connections.

   - If any components were initially removed, please connect the wiring harness to these components and then remount the components back in their original position(s).

5. Reattach the rear access panel.

6. Plug in the unit to test.

Color Index

Harman uses dedicated common wires (white wires) for all components with home runs to the control board. Components are turned 'OFF' and 'ON' by internally switching the signals at these wires. All of the white wires correspond to the colored wires respectively. Staring from the brown wire in the main molex connector Position 1:

- Position 1 - Brown - Power IN - Connects to black wire on power cord

- Position 2 - White - Common IN - Connects to white wire on power cord

- Position 3 - White - Distribution Blower

- Position 4 - White - Combustion Blower

- Position 5 - White - Pressure Switch

- Position 6 - Yellow - Igniter

- Position 7 - Blue - Distribution Blower

- Position 8 - Red - Combustion Blower

- Position 9 - Black - Auger Lead

The following wires are not positioned in the main molex connector, but diverts from certain wires in the wiring harness.

- Double Light Blue Wire - connects to pressure switch

- Single Light Blue Wire - (1) Connects to igniter, (2) Connects to Auger