

# 926 CONTROL REPLACEMENT KIT INSTALLATION INSTRUCTIONS

P/N/ 7250P-731

**WARNING: YOU MUST TURN OFF THE POWER SUPPLY TO THE UNIT BEFORE  
INSTALLING THE UPGRADE KIT.**

## INSTRUCTIONS FOR THE MUNCHKIN BOILER AND THE PHOENIX WATER HEATER

1. Shut off power to the unit.
2. Remove the existing control board from its location by removing the fasteners.
3. Disconnect the four Molex Electrical Connectors and spark cable from the igniter. Disconnect the ribbon cable from the 925 control board.  
**NOTE:** The old ribbon cable and display are not compatible with the new board. You must replace the ribbon cable and the LED Display.
4. Release the 5 clips or screws holding the 925 control board to its backing plate and remove the board.
5. If any of the 5 clips are damaged, replace with the new ones supplied with the upgrade kit.
6. Snap or screw the new 926 control board in place on the backing plate.
7. Reconnect the four Molex Electrical Connectors to the new 926 board.
8. **NOTE:** If you have a Munchkin Rev. 1 boiler WITHOUT a flue switch, install the included red jumper between pin 19 on the X-4 Molex connector and pin 9 on the X-8 Molex connector.  
**NOTE:** The red jumper is not used on any other products.
9. Connect the new orange ignition cable, supplied with the 926 control, to the igniter connection on the control board and attach the orange boot onto the igniter on the unit. **NOTE: For the Phoenix Water Heater, The ignition cable passes through a rubber grommet in the back of the burner box. Remove the rubber grommet, thread the new cable through the grommet then re-install the grommet.**
10. Next, open the LED display unit by removing the four fasteners holding the cover on the box.
11. Using a flat head screwdriver, pry out the plastic rivets that hold the display to the back of the box and remove the display and ribbon cable.
12. Connect the new ribbon cable to the new display and position the display and ribbon cable assembly into the box in the same fashion as the one you removed. A notch on the ribbon cable connection is meant to ensure the cable is installed into the display properly.  
**NOTE:** Ensure red wire on the ribbon cable is on the left when the display is facing you.
13. Replace the plastic rivets to secure the board into the box. (New rivets are supplied in the kit if needed.)
14. Replace the cover onto the box and replace the four fasteners that were removed.
15. Connect the other end of the new ribbon cable to the new control board.
16. Place the board assembly back into place in the unit.
17. Power up the unit and program the control as required for the application. Use the installation manual included with your product to program the control.  
**NOTE:** If you are replacing a Honeywell control, go to [htproducts.com](http://htproducts.com) and download a Munchkin installation manual for detailed controls information.

## INSTRUCTIONS FOR THE MUNCHKIN CONTENDER HEATER

1. Shut off power to the unit.
2. Remove the existing 925 control board from its mounting location by removing the fasteners.
3. Disconnect the four Molex Electrical Connectors and spark cable from the igniter. Disconnect the ribbon cable from the 925 control board.  
**NOTE:** The old ribbon cable and display are not compatible with the new board. You must replace the ribbon cable and the LED Display.
4. Place the new 926 control board in place on the backing plate and secure it in place with the fasteners removed in step 2.
5. Reconnect the four Molex electrical connectors to the new 926 board.
6. Connect the new orange ignition cable, supplied with the 926 control, to the igniter connection on the control board and attach the orange boot on the opposite end onto the igniter on the unit.
7. Next, open the LED display unit by removing the four fasteners holding the cover on the box.
8. On the reverse side of the LED display, remove the four fasteners that secure the circuit board to the cover.

9. Connect the new ribbon cable to the new LED display and position the display and ribbon cable assembly in to the cover in the same fashion as the one you removed. A notch on the ribbon cable connection is meant to ensure the cable is installed into the display properly.  
**NOTE:** Ensure red wire on the ribbon cable is on the left when the display is facing you.
10. Replace the four fasteners removed in step 7 to secure the LED display board cover.
11. **NOTE:** The red jumper is not used in this application.
12. Power up the unit and program the control as required for the application. Use the installation manual included with your product to program the control.