

**▲ CAUTION** THESE INSTRUCTIONS ARE INTENDED AS AN AID TO QUALIFIED, LICENSED SERVICE PERSONNEL FOR PROPER INSTALLATION, ADJUSTMENT AND OPERATION OF THIS UNIT. READ THESE INSTRUCTIONS THOROUGHLY BEFORE ATTEMPTING ANY MAINTENANCE OR OPERATION. FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN IMPROPER OPERATION RESULTING IN FIRE, ELECTRICAL SHOCK, PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

**This kit contains additional parts to retrofit units with Blower Control Board 47-100436-04 with the updated design, part number 47-100436-05.**

1. **▲ CAUTION** **DISCONNECT POWER BEFORE SERVICING:** All electrical power should be removed from the entire heating and cooling system before servicing the equipment. **FAILURE TO DISCONNECT POWER MAY RESULT IN ELECTRIC SHOCK.**
2. **VERIFY THAT BOARD REQUIRES RETROFIT:** Verify the part number of the existing board. See Fig. 1 for assistance in determining the existing part number. If this unit already contains 47-100436-05, you may simply replace the existing board and discard the additional wiring harness and wiring diagram included in this kit. Otherwise proceed as follows:
3. **MOUNTING / WIRE ROUTING:** Remove the control mounting cover, and remove all cable ties so all wiring may be easily accessed. Remove the old board from the mounting bracket, but leave in place all wiring connected to it. Mount the new board in its place.
4. **TRANSFER HEATER KIT CONNECTION:** For units with a heater kit, disconnect the wiring harness coming from the heater kit and reconnect it directly to the new board.
5. **TRANSFER QUICK-CONNECT WIRING POINTS:** As shown in Fig. 1, transfer the following quick-connect wiring points from the old board to the new board: "XFMR-R", "XFMR-C", "C". Disconnect and remove the piggyback terminal on the "C" connection which leads to the old heater kit connector.
6. **TRANSFER BLOWER RELAY WIRING POINTS:** As shown in Fig. 1, transfer the connections on the blower relay. Note that you will no longer use one of the connections. The wire connected to this point should also be removed from the wire nut connection point at the other end of the wire.
7. **TRANSFER THERMOSTAT WIRING:** Connect the wiring harness included with this kit to the "P2" terminal on the new board. Remove all remaining connections to the old board. Match the color coding on the thermostat wiring with the wires on this harness, and transfer all remaining connections from the old board.
8. **REPLACE WIRING DIAGRAM / VERIFY WIRING:** Replace the wiring diagram on the unit with the one provided in this kit. Verify that the unit wiring matches the new wiring diagram.
9. **REPLACE COVER / ROUTE WIRING / FORM DRIP LOOP:** Replace the control mounting cover, and neatly gather all excess wiring and secured together with cable ties. Wiring should be routed through the opening in the side of the cover, and should not protrude through the front opening. Make sure that the wiring insulation is protected from sharp edges and moving parts. The low voltage wires should be tied together to form a drip loop as shown in Fig. 2.
10. **▲ WARNING** **CONFIRM PROPER AND SAFE EQUIPMENT OPERATION:** Service personnel must verify the proper and safe operation of equipment after the replacement of any original component. Refer to the instructions and manuals provided with the air handler. **FAILURE TO CONFIRM PROPER AND SAFE EQUIPMENT OPERATION CAN RESULT IN SERIOUS BODILY INJURY OR DEATH.**

Fig 1:

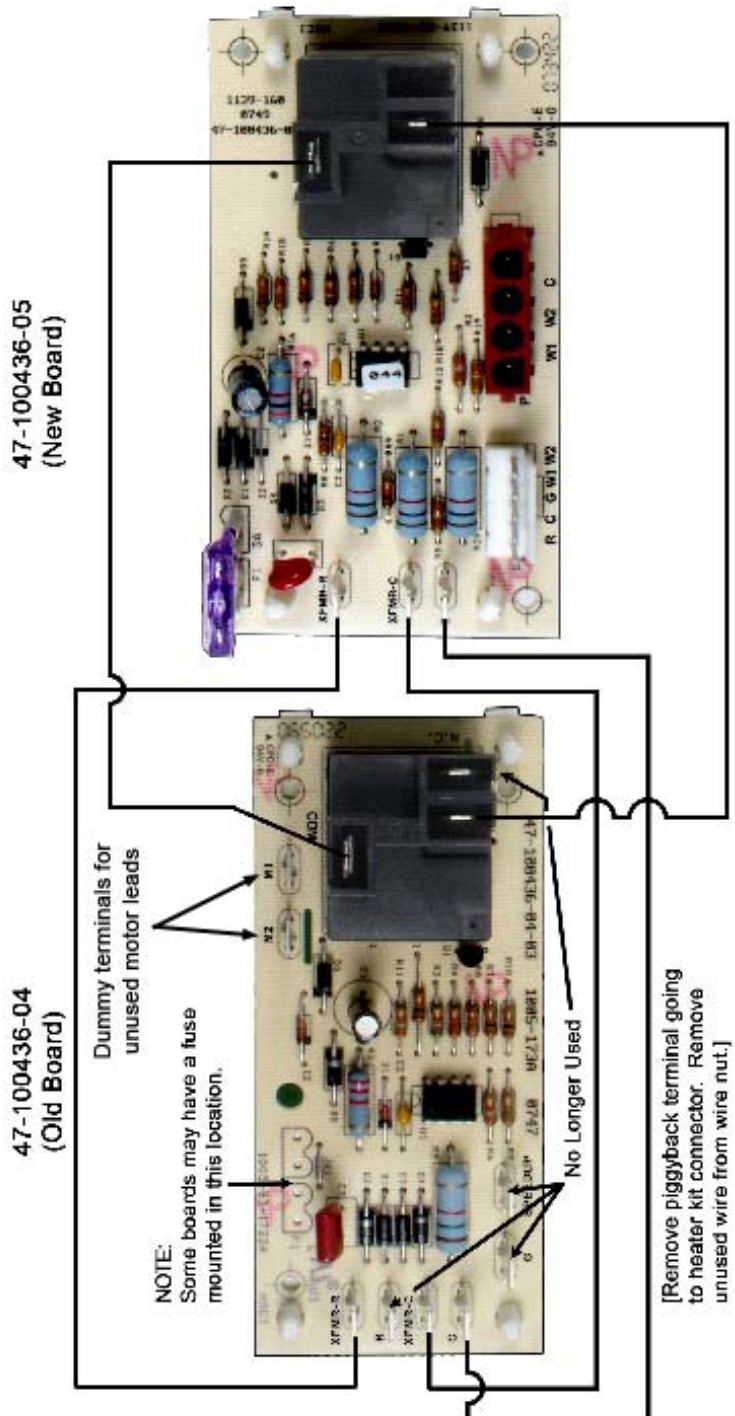


Fig 2:

