

FIELD CONNECTION BOARD REPLACEMENT INSTRUCTIONS (Part # 7350P-070)

STOP! Read these instructions or warranty will be void!

INCLUDED IN KIT

- (1) Field Connection Board
- (1) Instruction Sheet

TOOLS REQUIRED (NOT INCLUDED)

- Phillips and Flat Head Screwdriver

STEP 1: PREPARATION

Turn off all electrical power to the appliance.

⚠ DANGER

This installation shall be done by a qualified service agency in accordance with these instructions, all applicable codes, and requirements of the authority having jurisdiction. Failure to follow these instructions will result in substantial property damage, severe personal injury, or death.

⚠ DANGER

DO NOT proceed with installation if the appliance remains powered. Failure to follow this warning will result in property damage, serious personal injury, or death.

⚠ WARNING

Wait until appliance has had sufficient time to cool before proceeding with the installation. Failure to follow this warning could result in property damage, serious personal injury, or death.

STEP 2: LOCATE THE FIELD CONNECTION BOARD

1. Use the appliance installation manual to aid in locating the field connection board.
2. Either remove the appliance cabinet, or use a Phillips head screwdriver to remove the mounting screws from the field connection board cover and remove the cover. See Figure 1. Store the cabinet or cover and mounting screws in a safe location. **NOTE: DO NOT DAMAGE OR LOSE THE APPLIANCE CABINET, COVER, OR MOUNTING SCREWS.** Replacements ARE NOT included in this kit.

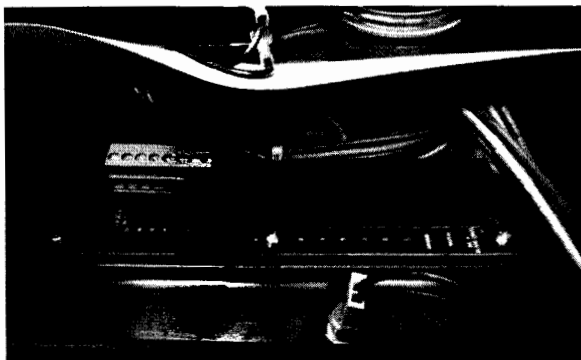


Figure 1 – Exposed Field Connection Board



Figure 2 – Removing Wires from the Board

STEP 3: REMOVE THE FIELD CONNECTION BOARD

1. Remove all wire connections to the field connection board. See Figure 2.

⚠ CAUTION

Label all wires prior to disconnecting them from the field connection board. Wiring errors can cause improper and dangerous operation. Failure to follow these instructions may result in property damage or personal injury.

2. Use a Phillips head screwdriver to remove the six (6) mounting screws from the field connection board. See Figure 3.

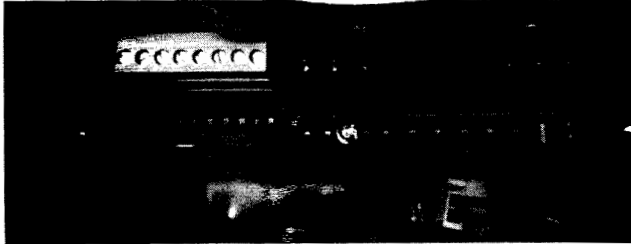


Figure 3 – Exposed Mounting Screws

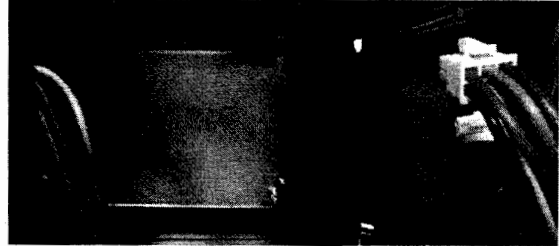


Figure 4 – Exposed Mounting Location

3. Remove the field connection board from the mounting location. See Figure 4.

4. Use a nylon brush to remove any dirt or debris from the mounting location.

NOTICE

ELITE BOILER MODELS have a protective plastic shield attached to the field connection board. Remove the protective plastic shield from the field connection board, and place the shield in a safe location. **DO NOT LOSE THE PROTECTIVE PLASTIC SHIELD.** A replacement is NOT included in this kit.

STEP 4: INSTALLING THE NEW FIELD CONNECTION BOARD

1. Examine new field connection board. Ensure connections are free of packing material or other debris. See Figure 5.

2. Ensure the jumper is located in correct position. This should be the same position as the board being replaced. The jumper should be in position A on Elite and Elite FT boilers, and in position B on all other models. Move the jumper if necessary. See Figures 6 and 7.

NOTE: To ensure proper operation, the jumper must be in position B on Elite and Elite FT boilers controlled by a 0-10 volt building management system.

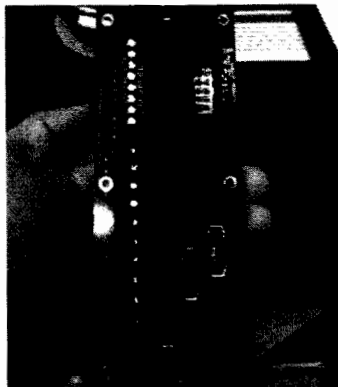


Figure 5 – Field Connection Board

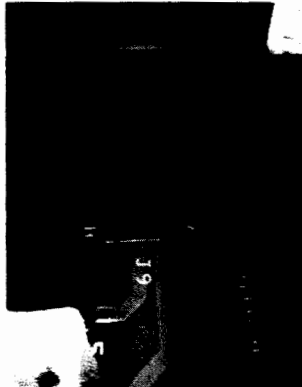


Figure 6 – Jumper Position A

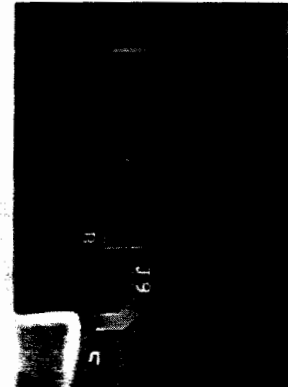


Figure 7 – Jumper Position B

⚠ CAUTION

Failure to ensure jumper is in correct position for the product application before continuing will result in improper appliance operation, and could result in property damage or personal injury.

NOTICE

ON ELITE BOILER MODELS: Slide the protective plastic shield onto the connection board. Insert three (3) mounting screws to keep the shield in place. This will aid in mounting the field connection board. See Figure 8.



Figure 8 -

ONLY

- Installed Protective Shield Elite Boilers

3. Carefully place field connection board in mounting location. See Figure 4.
4. Use a Phillips head screwdriver to tighten the six (6) mounting screws and secure the field connection board to the mounting location. See Figures 3 and 4.
5. Plug the 4 position connector (white, green, and black wires) into the connection provided on the board. See Figure 9.
6. Plug the 10 position connector into the connection provided on the board. See Figure 10.

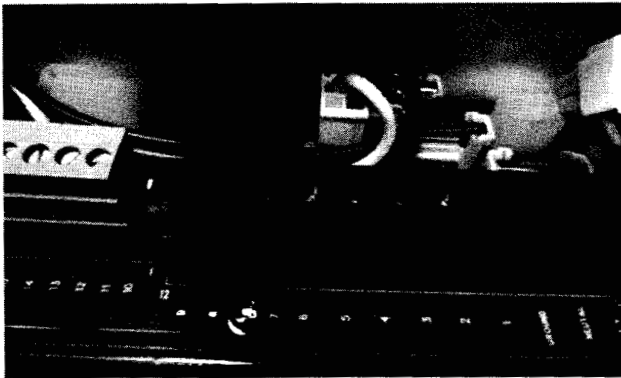


Figure 9 – Connected 4 Position Connector

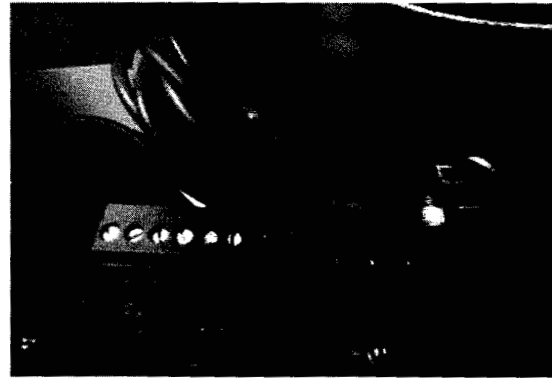


Figure 10 – Connected 10 Position Connector

7. Plug the 6 position connector into the connection provided on the board. See Figure 11.
8. Plug the 2 position connector (red wires) into the connection on the end of the board. See Figure 12.

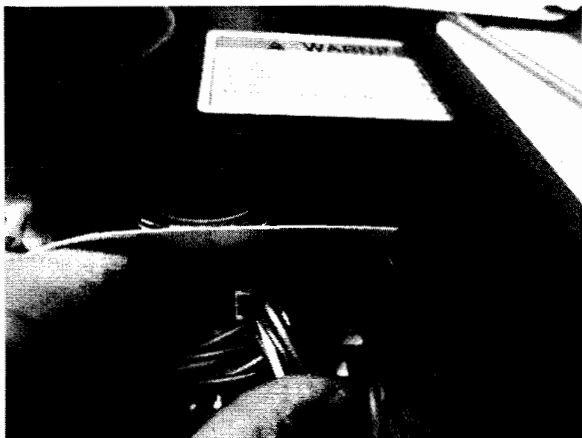


Figure 11 – Connecting the 6 Position Connector



Figure 12 – Connected 2 Position Connector

9. Reconnect all wires to the board. Labeled wires will ease this process.

NOTE: If you DID NOT label the removed wires, use the wiring diagrams included in the appliance installation manual to properly wire the appliance.

⚠ CAUTION

Wiring errors can cause improper and dangerous operation. Failure to follow these instructions may result in property damage or personal injury.

10. Reinstall the appliance cabinet or field connection board cover. Use a Phillips head screwdriver to tighten the field connection board cover mounting screws to the appliance cabinet. See Figure 1.

STEP 5: POWER THE APPLIANCE

1. Restore power to the appliance.

⚠ WARNING

IF YOU SMELL GAS:

- Do not try to light any appliance.
- Do not touch any electrical switch.
- Do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone.
- Follow gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency, or the gas supplier.

2. Initiate a call for heat.

3. Observe appliance operation for 15 minutes. If an error or fault code should appear on the display, refer to appliance installation manual for troubleshooting information.