

**IGNITION CONTROL  
REPLACEMENT KIT****INSTALLATION INSTRUCTIONS FOR IGNITION CONTROL REPLACEMENT KIT  
(22V19; 623648-01) USED WITH 30-400KBTUH UNIT HEATERS****Shipping and Packing List****Package 1 of 1 contains:**

- 1-Ignition control board
- 1-Mounting bracket
- Bag assembly containing:
  - 4-Screws #10-16 X 5/8" SDST

**Application**

This ignition control kit replaces 18P96 (105802-01) and 21J99 (105802-02) ignition boards

**Installation**

- 1 - Disconnect all power to unit.
- 2 - Mark and disconnect all wiring to the existing control board.

On 30-105KBtuh units, the ignition control may be located on either the vestibule panel or the burner box panel. See figure 1.

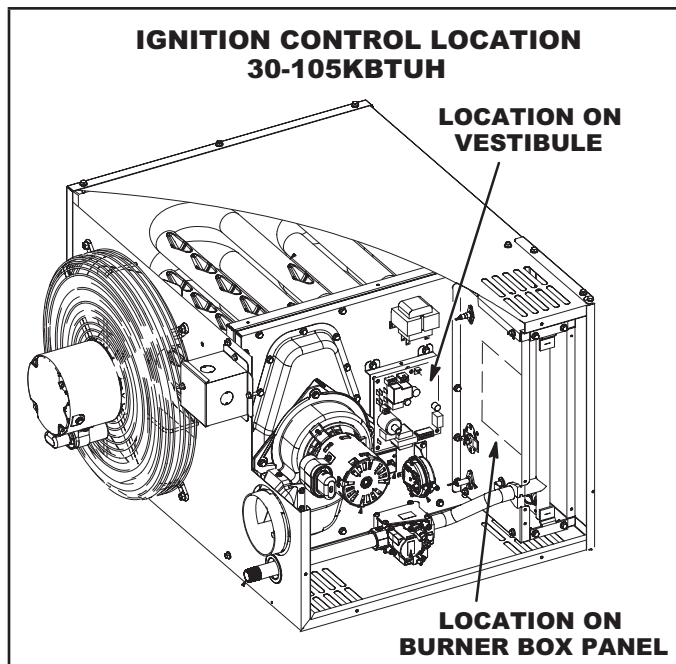


FIGURE 1

*30-105KBtuh Units: When present, remove the existing control board green ground wire. Retain the ground screw.*

- 3 - Remove and discard the existing control board and mounting bracket (when present). Retain the screws when control board is installed on the vestibule.
- 4 - *30-105KBtuh Units* - Align four replacement control board snap-lock fittings with holes on replacement mounting bracket (provided). Press control board onto replacement mounting bracket until it locks in place. See figure 2.

**⚠ CAUTION**

As with any mechanical equipment, personal injury can result from contact with sharp sheet metal edges. Be careful when you handle this equipment.

**⚠ WARNING**

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a licensed professional installer (or equivalent), service agency or the gas supplier.

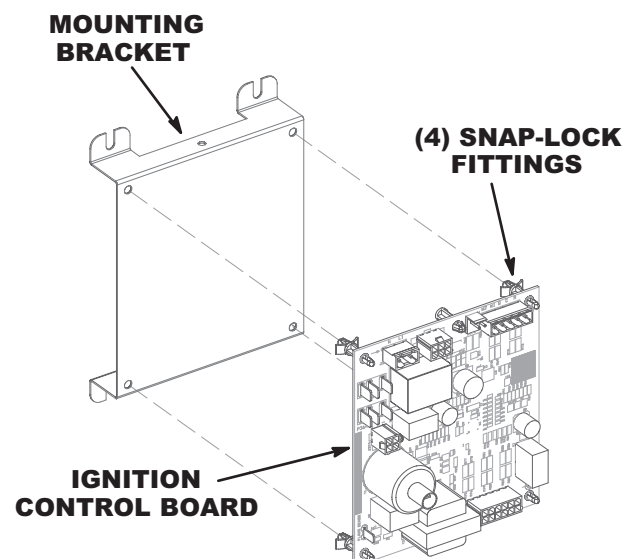
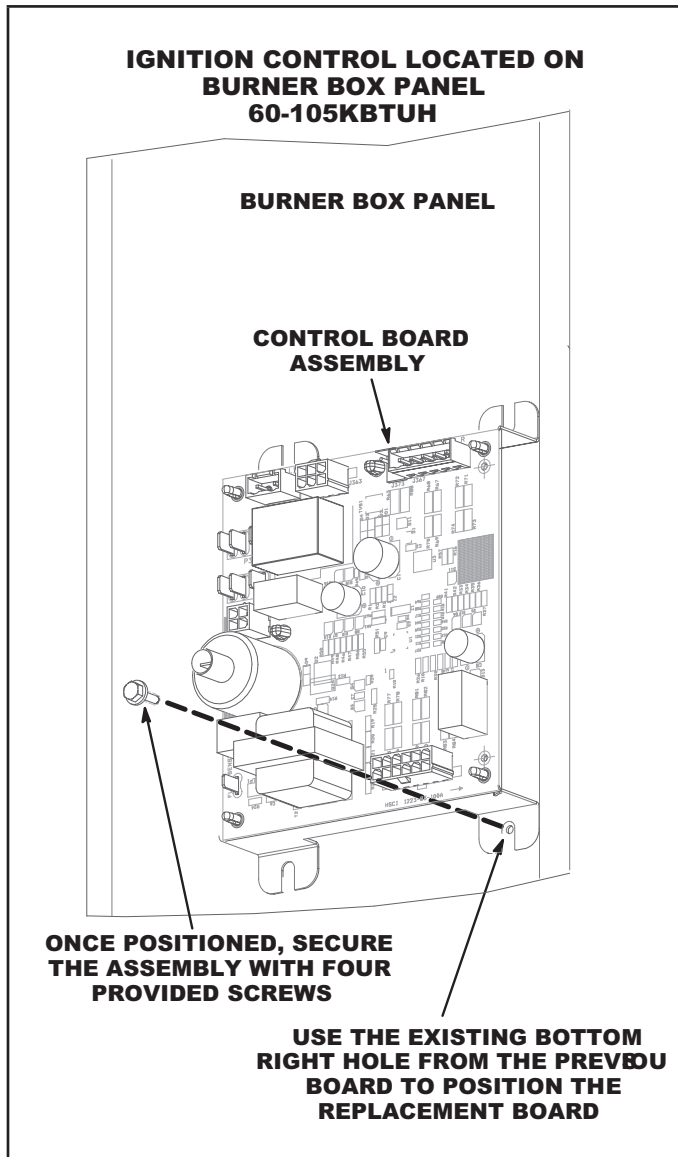
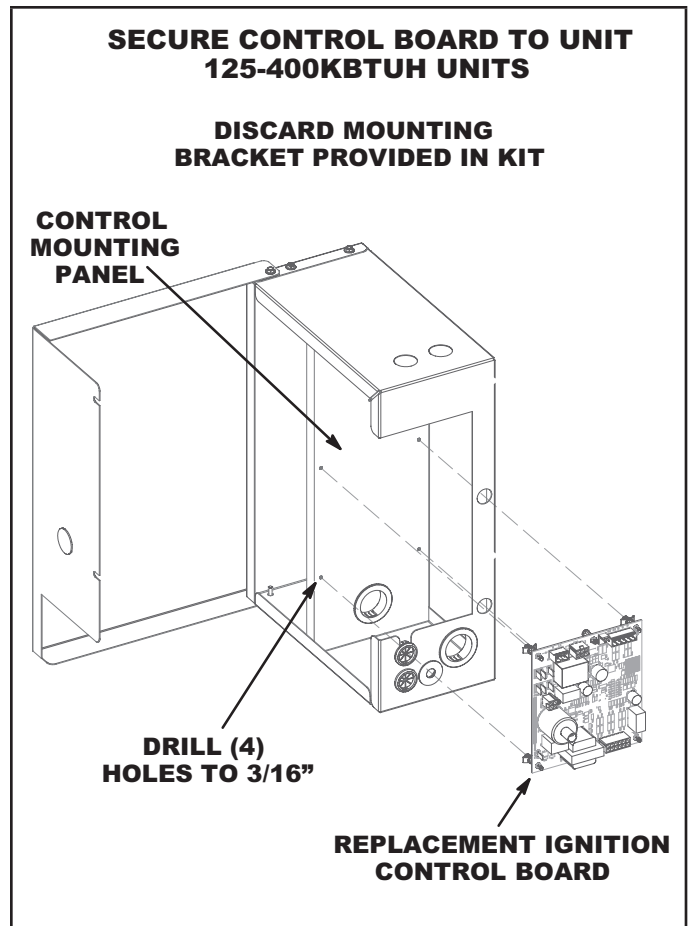
**SECURE CONTROL BOARD TO BRACKET  
30-105KBtuh UNITS**

FIGURE 2

- 5 - *Boards Installed On Burner Box Panel* - Use the bottom right mounting hole on the burner panel to position the new mounting bracket (provided). See figure 3.
- 6 - *30-105KBtuh Units* - Install the replacement mounting bracket assembly in the previous location (see previous step for assemblies located on the burner box panel). Secure with four self-drilling screws provided in kit. Use existing screws when installing assembly on the vestibule.



**FIGURE 3**



**FIGURE 4**

- 7 - *125-400KBtuh Units* - Drill out the board mounting holes on the control mounting panel to 3/16" diameter. See figure 4.
  - 8 - *125-400KBtuh Units* - Align four replacement control board snap-lock fittings with holes on the control mounting panel. Press control board onto the mounting panel until it locks in place.
  - 9 - Connect previously removed wiring onto the new ignition control board.
- 30-105KBtuh units: If previously removed, install green ground wire onto the replacement control board provided in kit. Secure with retained ground screw.*
- 10 - Restore electrical power to the unit.

<b>⚠ WARNING</b>	
	<p>Electric shock hazard. Can cause injury or death.</p> <p>Disconnect all electrical power supplies before servicing. Access panels must be in place during appliance operation.</p>