

IGNITION MODULE CONVERSION KIT

Ceramic Heaters

DESCRIPTION:

This kit is designed to convert the existing Honeywell module #S87 to the new Fenwal module #2460D. The Fenwal module incorporates a three-try ignition system. Should the main burner fail to light, or flame is not detected during the first trial for ignition period, the gas valve is de-energized and the control goes through an interpurge delay before another ignition attempt. The control will attempt two additional ignition trials before going into lockout and the valve relay will be de-energized immediately.

CAUTION:

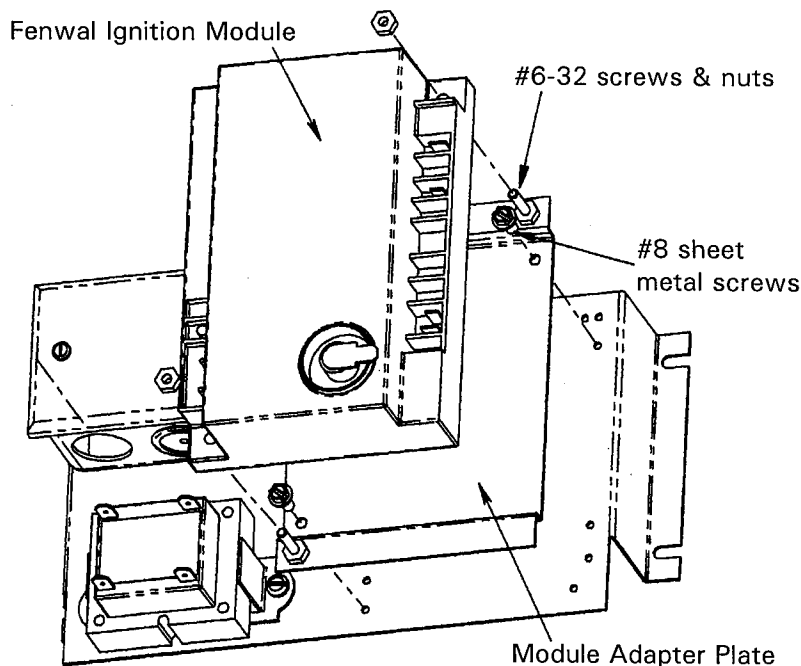
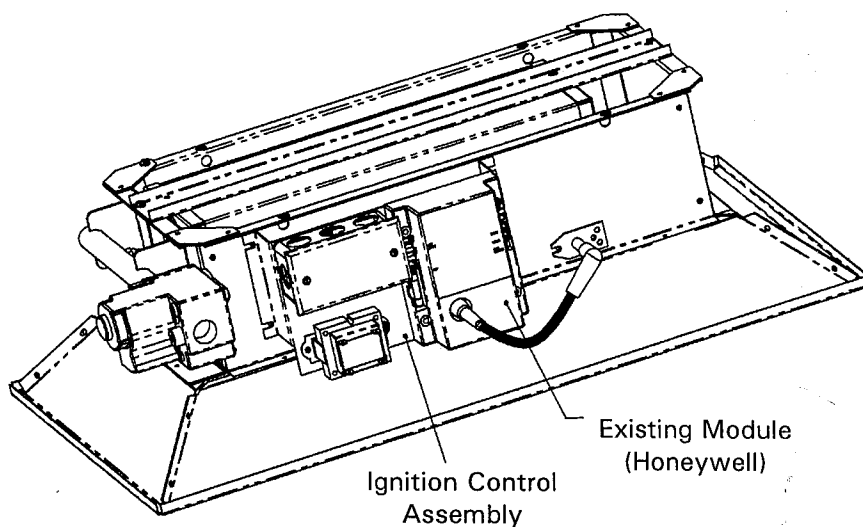
This conversion kit is to be installed by an authorized distributor or other qualified agency in accordance with the manufacturer's instructions and all codes and requirements of the authority having jurisdiction. Failure to follow instructions could result in serious injury, property damage or death. The qualified agency performing this work assumes responsibility for this conversion. **TURN OFF ALL ELECTRICAL AND GAS SUPPLIES TO THE HEATER BEFORE MAKING THIS CONVERSION.**

INSTRUCTIONS:

1. Disconnect wiring from the gas valve terminals and at the transformer 24V terminals.
2. Disconnect the ignition cable from the spark igniter.
3. Remove the existing module and wiring from the heater.
4. Attach the new module adapter plate to the ignition control assembly using the two (2) sheet metal screws provided.

NOTE: The new module is loosely attached to the adapter plate with #6 nuts. These must first be removed to access the adapter plate. **Take care not to damage the wire connected to the adapter plate.**

5. Re-attach the new module to the adapter plate and secure with the #6 nuts removed earlier.
6. Reconnect wiring from the new module assembly to the gas valve and the 24V side of the transformer as before. Refer to the connection wiring diagram below.
7. Reconnect the ignition cable to the spark igniter.

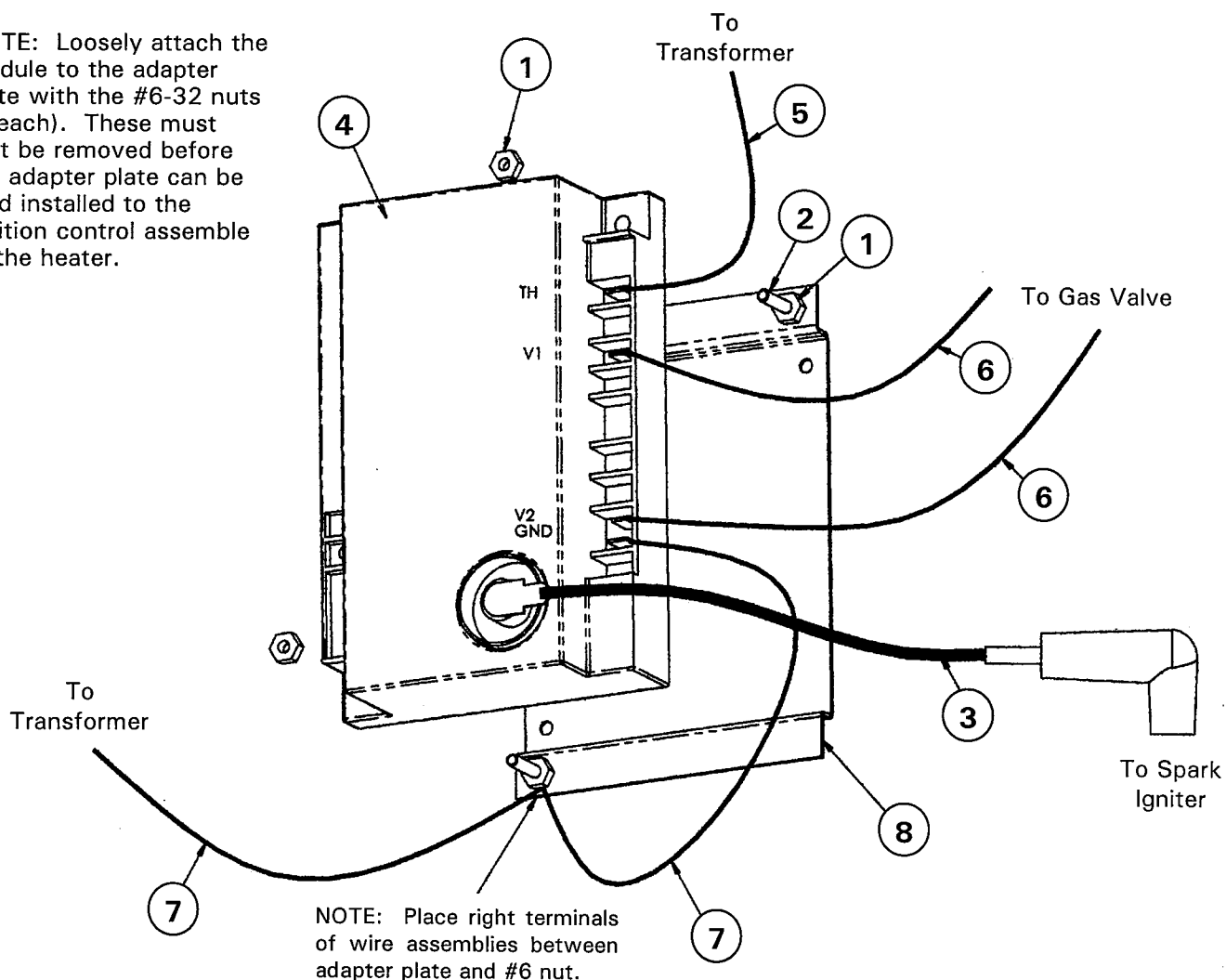


IGNITION CONTROL ASSEMBLY

Kit No. 44010000		
Part No.	Description	Qty.
02203010	Screw, #8 x 3/8"	2
43848050	Ignition Control Sub-Assembly	1
44011000	Form, Instructions	1

IGNITION CONTROL SUB-ASSEMBLY WITH FENWAL MODULE

NOTE: Loosely attach the module to the adapter plate with the #6-32 nuts (2 each). These must first be removed before the adapter plate can be field installed to the ignition control assembly of the heater.



ITEM#	PART#	DESCRIPTION	QTY.
1	02127010	Nut, Hex #6-32	4
2	02174120	PHMS, #6-32 x 3/4"	2
3	30567070	Ignition Cable, 7"	1
4	30632000	Module #35605-505-015	1
5	41019320	Wire, 18 ga., Red, 12" (1/4 slide x 1/4 slide)	1
6	41019560	Wire, 18 ga., Blue, 17" (1/4 slide x 3/16 slide)	2
7	42037080	Wire, 18 ga., White, 6" (1/4 slide x ring)	2
8	43849050	Plate, Module Adapter	1