

# 826-2117 Honeywell Replacement Spark Module

Follow these instructions to install the enclosed Honeywell spark module, 807-4383. It is a replacement for a Robertshaw model, 807-3563 and an earlier Honeywell model, 807-4037. The function is the same.

In This Kit		
Part No.	Description	Qty
807-4383	Spark Module	1
106-7604	Resistor harness	1
819-6111	Instructions	1
807-4375	Rajah connector	1
807-0706	¼" push-on flag terminal	2

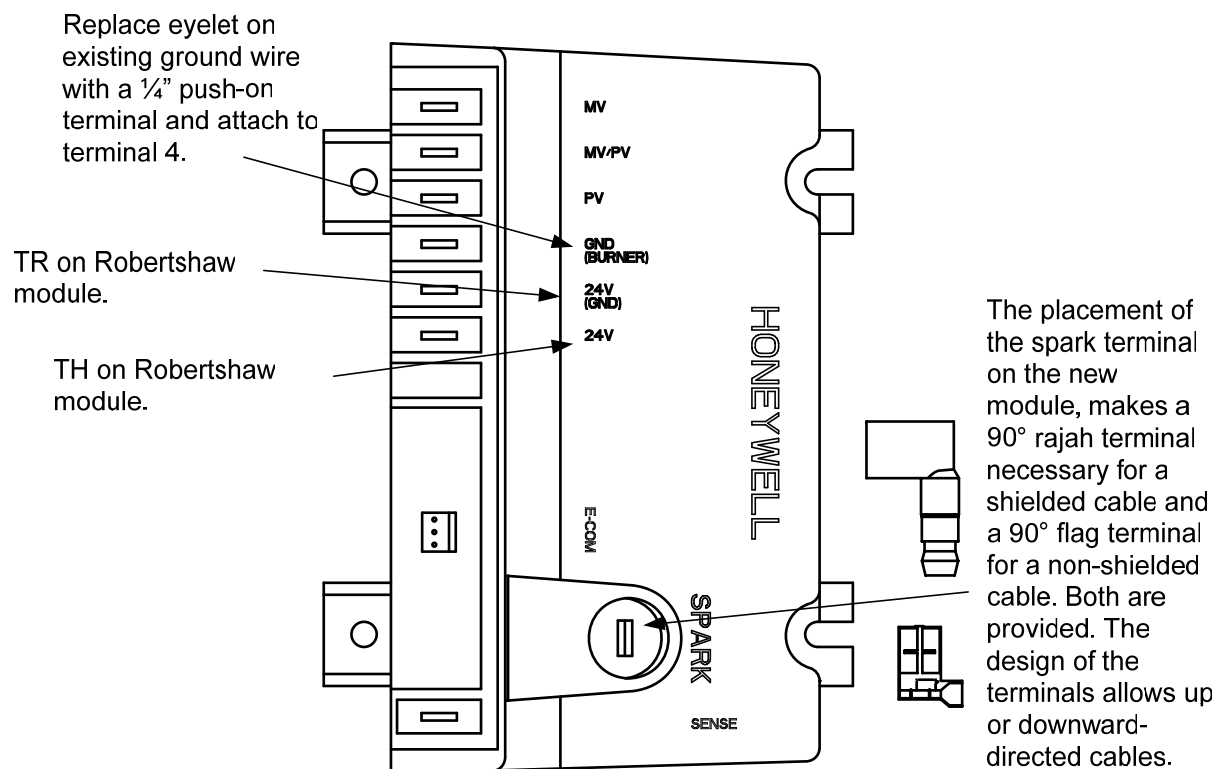
- Remove power from the unit and remove existing spark module.
- Mount the provided spark module, noting these nomenclature differences (see below and figure 1) on the housing

## Robertshaw

TR  
TH

## Honeywell

Terminal 5 24V (GND)  
Terminal 6 24V



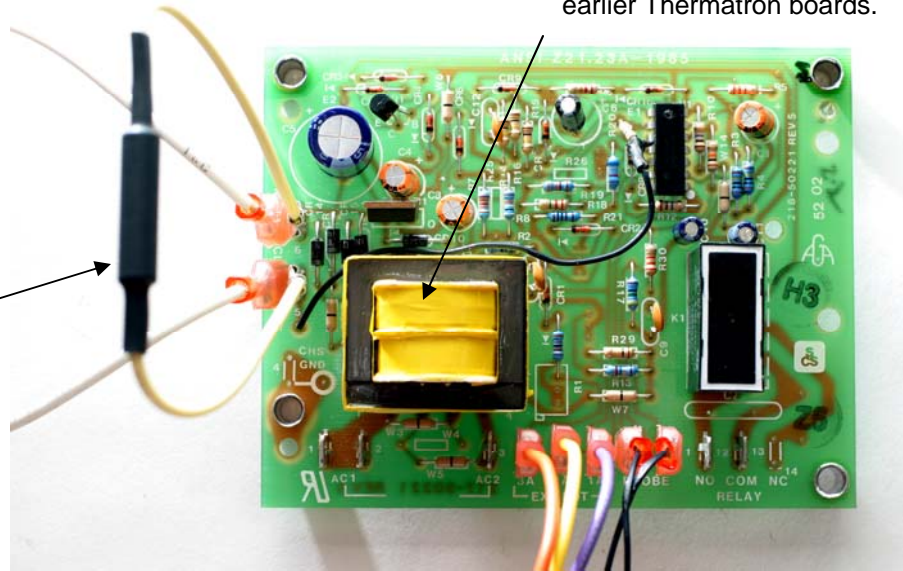
- Replace the existing eyelet on the ground wire with a ¼" push-on terminal.
- Attach the provided rajah connector for use with a shielded spark cable; use the flag terminal for a non-shielded cable.
- Trim the spark boot to fit the new connection.

OVER

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- Inspect the circuit board on fryers equipped with Thermatron controllers.
- If the fryer under repair is equipped with an early model Thermatron controller, which has a board like the one shown in figure 2, a resistor must be added (shown in figure 2) to the melt-cycle switch circuit.
- See annotation of figure 2 for instructions on attachment of resistor.

A yellow transformer is the most prominent visual identifier for the earlier Thermatron boards.



A resistor-equipped wiring harness with piggyback terminals is shown in place on the melt cycle disable posts of the Thermatron board. The fryer's existing melt-cycle wiring is attached to the open spade terminals of the piggyback terminals.

**Figure 2:** An early Thermatron board.