

## Ignition Module Installation Instructions 88210-0058

Several different ignition modules have been used with kits 42810-0014 and M1054. All of these kits are for Interrupted Pilot Ignition systems, although they may be made by either Honeywell, Johnson Controls, or Fenwal. All of these modules are interchangeable, with minor wiring changes.

A. Old Honeywell Module – (27161-0004)

This module had two 24V terminals on one side, MV, MV/PV, and PV terminals on the other, and a separate raja-style igniter terminal.

B. New Honeywell Module – (27161-0005) Honeywell# S8600H3002

This module had terminals MV, MV/PV, PV, GND, 24V GND, 24V, and a spade-type spark terminal down one side.

C. Fenwal Module – (27161-0005) Fenwal # 35-630200-007

This module had terminals GND, V2, INDV1, V1PV1, and TH/W on one side. It had a separate spade-type spark terminal.

D. Fenwal Module – (M1054) Fenwal #35-630501-005

Similar to 27161-0005 above, but with a Raja-style igniter terminal and a sense terminal.

E. Johnson Controls – (62341) Johnson # G770 MGA-2

Has terminals THS2, PV1, and MV3, and Sense down one side, several ground terminals on the end, and a raja-style igniter terminal.

F. Fenwal module – (62341) Fenwal #35-63J501-005

Connections similar to "C" above, but with an extra ground connector and sense terminal.

The following table shows the wiring connections to these different modules:

	A.	B.	C,D,F	E.
24V AC input	24V	24V	TH/W	THS2
24V AC GND	24V(2)	24VG	GND	end term
Pilot Valve	PV	PV	V1P1	PV1
Main Valve	MV	MV	INDMV1	MV3
Pilot/Main/GND	MV/PV	MV/PV	V2GND	end term
Spark	Raja	Spade	Spade/Raja	Raja
Flame Sense			S1 (D&F)	Sense

Using a Raja-style module with a spade spark wire requires adapter 88210-0058

6/22/11

Rev. C