



RAYPAK REPLACEMENT INSTRUCTIONS

ELECTRONIC IGNITION REPLACEMENT ALL MODELS WITH S86 AND S8600 IGNITION CONTROL

IMPORTANT NOTICE

These instructions are intended primarily for the use of qualified personnel specifically trained and experienced in the installation of this type of heating equipment and related system components. Installation and service personnel must be licensed in some states. Persons not qualified shall not attempt to install this equipment nor attempt repairs according to these instructions.

DANGER - SHOCK HAZARD

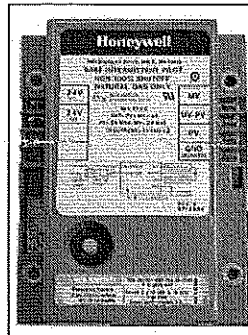
Make sure electrical power to the heater is disconnected to avoid potential serious injury or damage to components.

SCOPE:

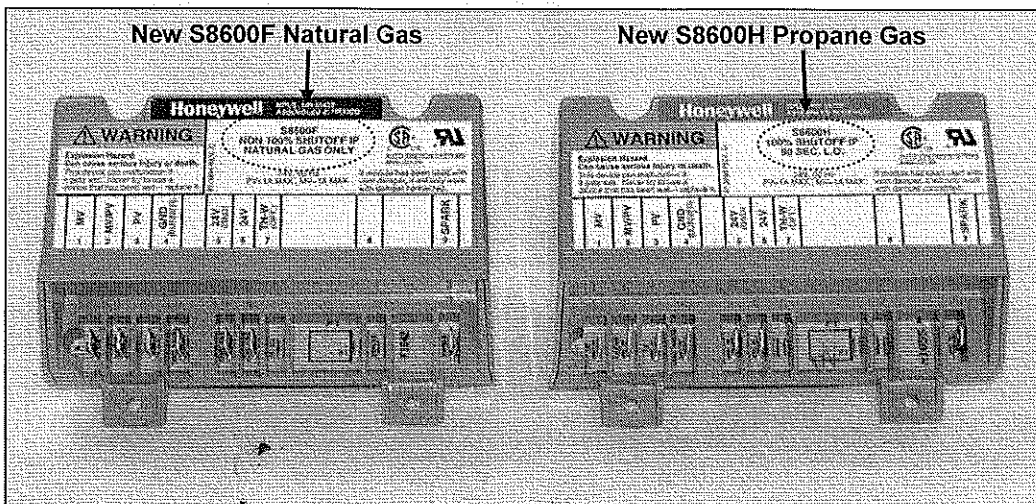
The S8600 ignition control module is a direct replacement for the S86 ignition control module. These instructions cover the replacement of both natural gas and propane kits.

Kit includes:

- (1) S8600 Ignition control module
- (2) #6 x 1/2" sheetmetal screws
- (1) 1/4" quick connect terminal
- (1) Instructions 240562



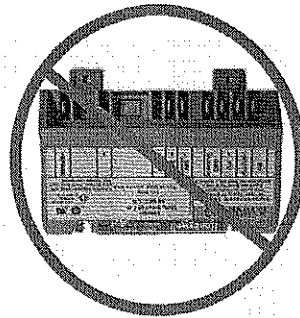
Old S86 F
 Ignition Control Module



REPLACEMENT OF CONTROL

1. Shut off all electrical power to heater.
2. Turn on/off switch on heater to "off" position.
3. Disconnect all electrical connections to ignition control.
4. Allow unit to cool down before attempting disassembly.
5. Install new control using (2) sheetmetal screws provided. New S8600 is slightly larger than old S86 and will require new mounting holes. Using new S8600 module as a template, mark location for new holes. Drill (2) 3/32" holes and secure new module with sheetmetal screws.

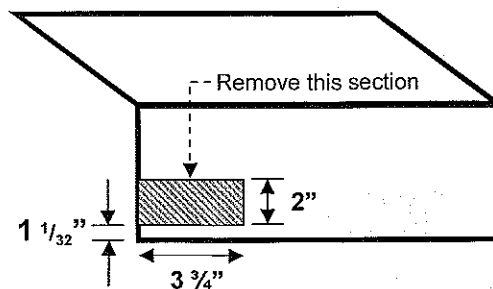
WARNING: THE NEW S8600 IGNITION MODULE MUST NOT BE INSTALLED WITH THE TERMINAL CONNECTIONS ON THE TOP.



For model 055A and 055B Spa Heaters Only

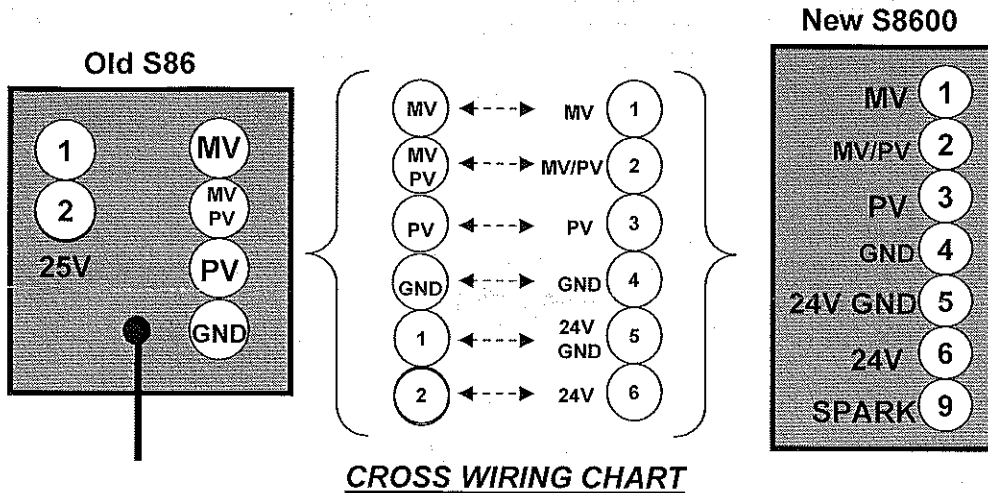
Cut a relief opening in control panel as shown below.

Warning: This panel must be re-installed to prevent serious damage to controls.



WIRING OF NEW S8600 MODULE

1. Slide down insulator boot on spark wire and cut off round spark plug connector.
2. Strip back insulation 3/8" and crimp on quick connect terminal provided.
3. Slide insulator boot over terminal and connect to module terminal labeled "SPARK".
4. Make remaining wiring connection to module as shown below.
5. If further testing is required, refer to troubleshooting instructions, page 4.





ELECTRICAL (ELECTRONIC IGNITION IID)

WARNING
HIGH VOLTAGE
For qualified Technicians ONLY

NOTE: Some heaters may be equipped with an ignition module that shuts off pilot gas if pilot fails to light. To reset, interrupt power to heater.

Intermittent Pilot System
TROUBLESHOOTING HONEYWELL S8600

