



**Rasmussen**<sup>®</sup>  
THE GAS LOG COMPANY

## RE-UP1

Installation Instructions for Kit Upgrading from ME or SE to RE functionality. Includes; Motor Drive, Receiver, Transmitter and batteries.

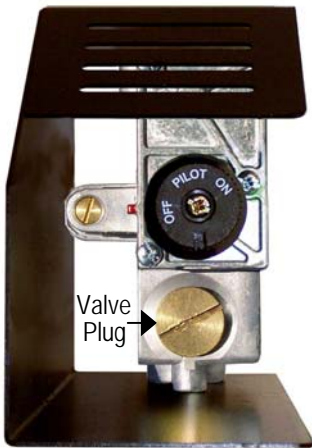
**PFS**<sup>®</sup>  
US  
Report # 10-38

12028 E. PHILADELPHIA ST.  
WHITTIER, CA CALIFORNIA 90601 U.S.A.  
www.rasmussen.biz

REV: RE-UP1 0610  
Last Printed: 7/6/2010 2:19 PM

### INSTALLING YOUR NEW HI/LO DC MOTOR DRIVE

Model SPK3E



Valve Plug

Your "EASY" Safety Pilot Kit will have come with either a **Valve Plug** or a **Latching Solenoid** that must be removed before the **HI/LO DC Motor Drive** can be installed. Once removed you will find a unique safety seal (see photo at bottom right) that prevents gas leakage during upgrade without shutting off the main gas valve that supplies gas to the "EASY" Safety Pilot Kit.

Transmitter (STR-RMD) →



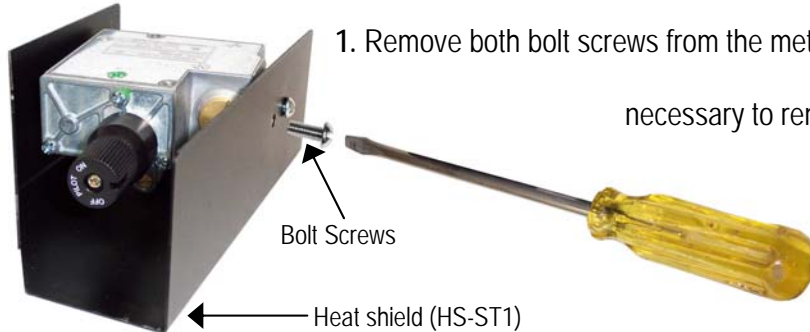
HI/LO DC Motor Drive (STV-VMD)

Remote Receiver (BPR3)

Model RPK3E



Latching Solenoid



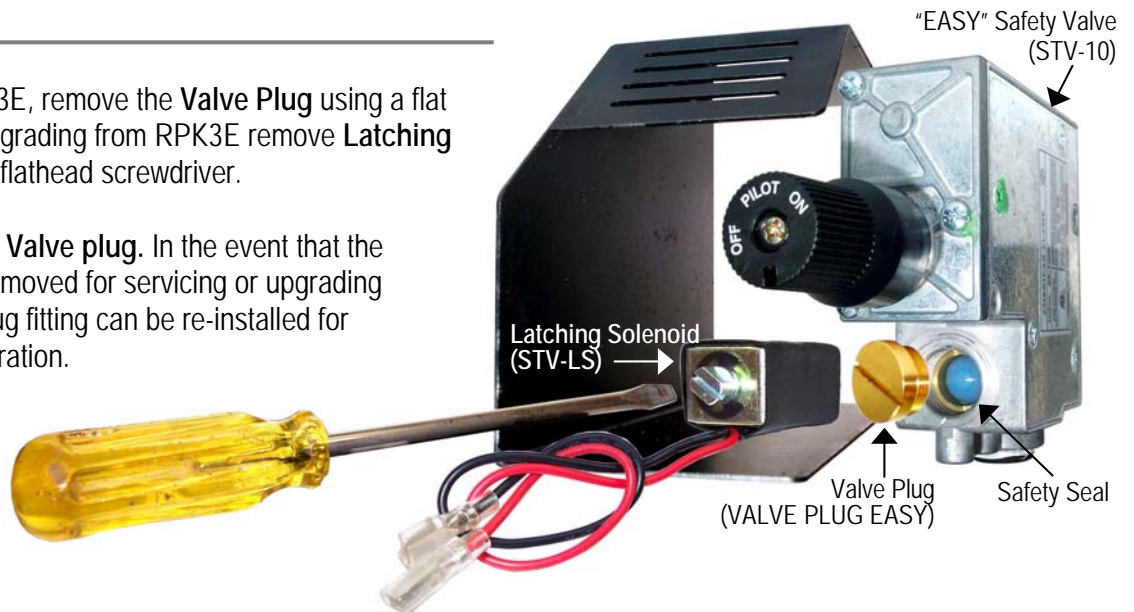
1. Remove both bolt screws from the metal heat shield then carefully remove the heat shield from the "EASY" Safety Valve. It is not necessary to remove the "EASY" Safety Valve from main gas supply or burner during upgrade.

Bolt Screws

Heat shield (HS-ST1)

2.) If upgrading from SPK3E, remove the **Valve Plug** using a flat head screwdriver. If upgrading from RPK3E remove **Latching Solenoid** also using a flathead screwdriver.

**Important:** Retain the **Valve plug**. In the event that the Latching Solenoid is removed for servicing or upgrading purposes, the valve plug fitting can be re-installed for temporary manual operation.



"EASY" Safety Valve (STV-10)

Latching Solenoid (STV-LS)

Valve Plug (VALVE PLUG EASY)

Safety Seal

**WARNING:** Never operate if Safety Seal is exposed. Valve Plug, Latching Solenoid or DC Motor Drive **MUST** be securely attached.

**"RE-UP1" INSTALLATION INSTRUCTIONS (CONT'D)**

3.) Install the HI/LO DC Motor Drive into the threaded hole on the "EASY" Safety Valve (STV-10) where the valve plug fitting was removed from, and screw into place turning clockwise. If necessary, use a Crescent wrench but do not over tighten as stripped threads may lead to gas leaks.

When installing Motor Drive, handle by hand or with Crescent wrench from this area only.



4.) Reinstall the heat shield with both bolt screws and tighten. →

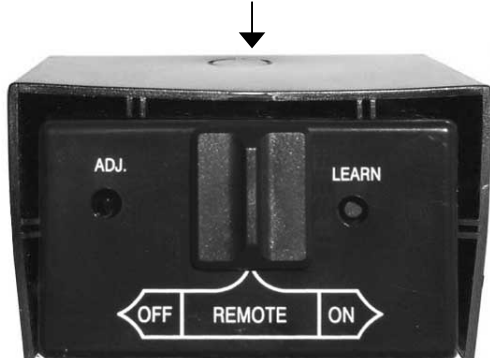


**IMPORTANT:**

Receiver wires are connected to the "EASY" Safety Valve, HI/LO Motor Drive and Remote Receiver by the factory. All are adversely affected by heat, and must be placed as far forward and to the side of the burner pan as possible. Insure that the plastic heat shield is located over the Remote Receiver (below left), then locate the Receiver in an area that will not exceed 130°F. This location will always be away from the "EASY" Safety Valve and as far forward of the of the firebox as possible (see photo at immediate right).

**NOTE:** Remove plastic heat shield from receiver only when placing in Remote House (RH2) below right. The proper placement of the Remote House is outside the fireplace and, as with the receiver, away from heat and as far forward of the firebox possible.

Receiver with attached Heat Shield



What sets Rasmussen Safety Pilot Kits apart from those of other manufacturers, aside from quality, is the ease and affordability with which our valve can be upgraded from manual operation to one of several remote control devices!