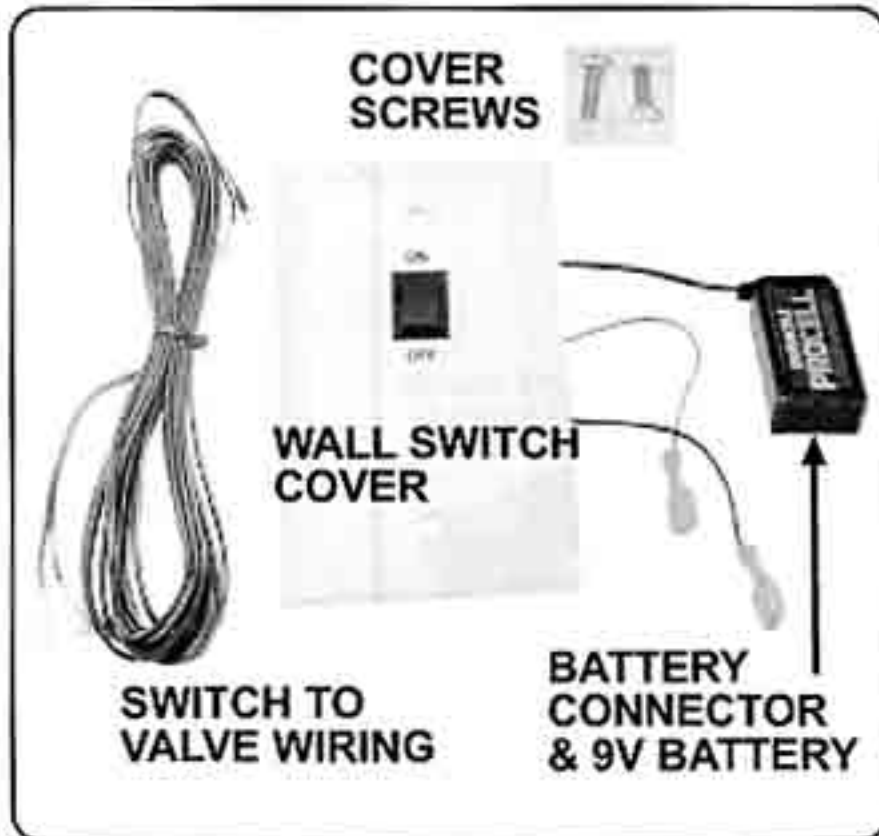


ROBERT H. PETERSON CO.

THE WS-4 WALL SWITCH KIT**INSTALLATION AND OPERATION**

**THIS SWITCH OPERATES
THE APK-16M VALVE FOR
TURNING YOUR GAS LOG
SET ON AND OFF**

PARTS LIST:

WALL SWITCH COVER
(complete with rocker switch)
BATTERY CONNECTOR
(connect to rear of switch)
SWITCH TO VALVE WIRING
COVER SCREWS (2)
9 VOLT BATTERY (1)

**TO INSTALL YOUR WALL SWITCH,
FOLLOW THESE INSTRUCTIONS.**

1. Select a location for the Wall Switch near the fireplace. This needs to be within 15 feet from the fireplace, to insure sufficient millivoltage between the Wall Switch and the pilot generator.
Note: Safety valve is supplied in the Peterson APK and Burner Systems.
2. At the Wall Switch location selected, cut out a clearance hole for direct wall or switch box mounting. **NOTE:** Allow enough space to incorporate the battery holder. We recommend using a deep switch box (3" deep or greater.)
3. Tie about 6 inches of chain or a small weight to a cord to create a plumb line. Hang the plumb line from the Wall Switch location to the top of the wall baseboard. Immediately below the Wall Switch location as indicated by the plumb line, drill a 1/2" to 3/4" inch hole.
4. Lower the plumb line through the Switch location hole, within the stud space, down to the baseboard level. Pull the chain or the weight out of the 1/2 to 3/4 inch hole at the baseboard using a stiff hooked wire (a bent wire coat hanger works well)
5. Remove the weight or the chain from the plumb line. Tie one end of the Wire Cable to the plumb line and pull the plumb line back up through the Wall Switch location to expose several inches of wire.
6. Connect the switch to valve wiring to the connectors on the rear of the switch wires (shown in Fig 1). Ensure connectors are tightly in place.
7. Connect one 9 volt battery, making sure the polarities are correctly aligned, to the snap-on fastener.
8. Attach the Wall Switch cover to the switch box using the 1/4 inch machine screws supplied.

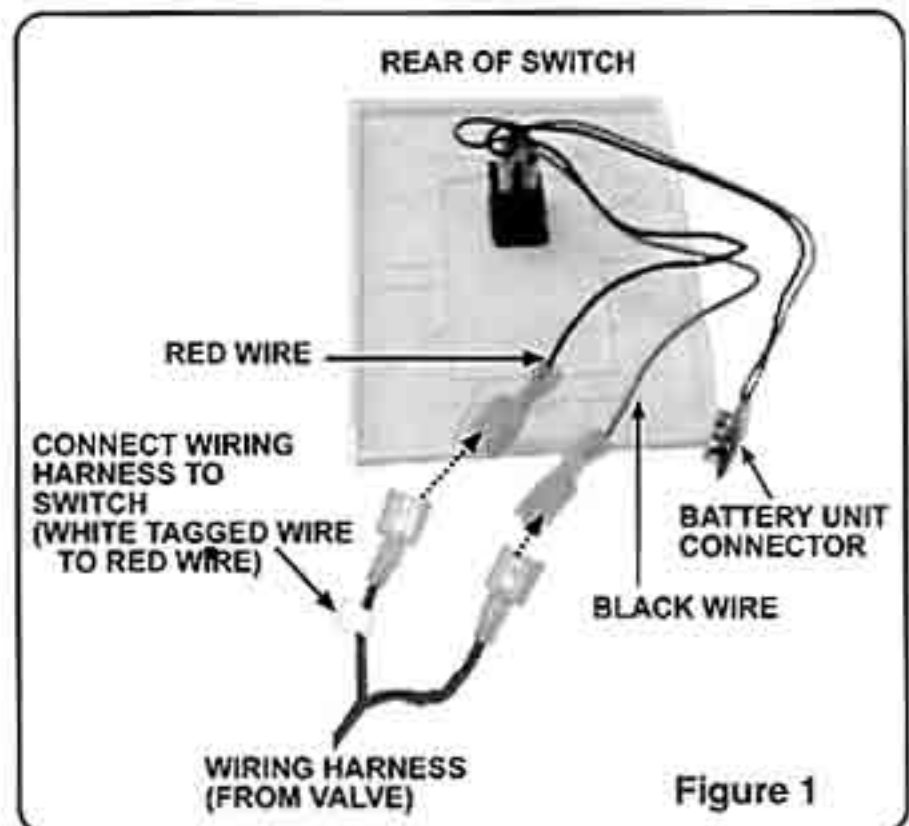
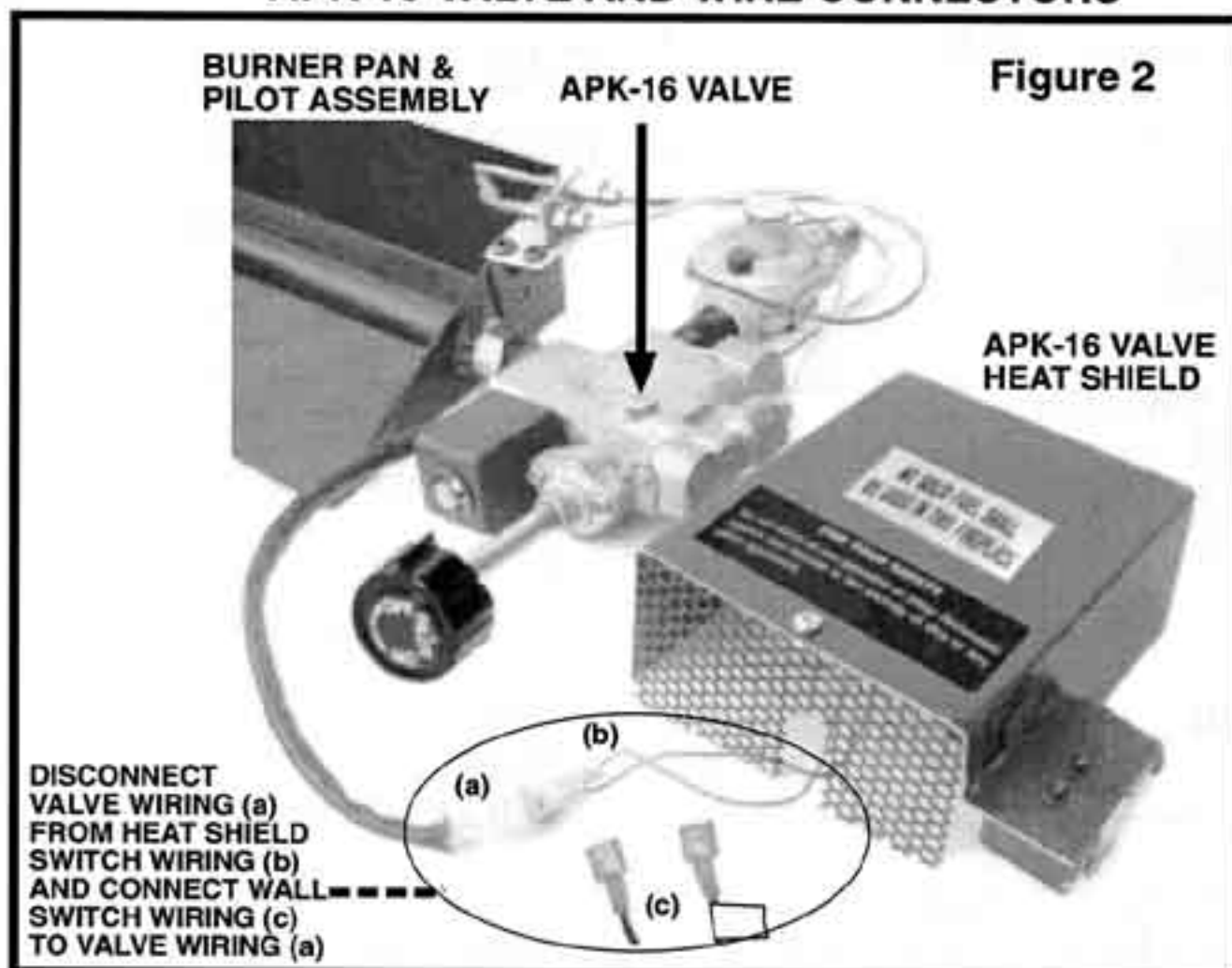


Figure 1

- If the heat shield switch is connected to the valve wiring, disconnect this first. Attach the (**white tagged wire**) female connector of the wiring harness to male spade on the **red** wire on the APK-16M valve (see figure 2). Attach the other female connector to the **black** wire male spade on the APK 16 valve. Replace the heat shield before operation.

Note: This unit does not require an outside electrical source (millivolt system only).

APK-16 VALVE AND WIRE CONNECTORS



Follow your APK-16M Operating Instructions to install your valve on your log set. Ignite the pilot according to the lighting instructions supplied with your valve.

OPERATING YOUR PETERSON GAS LOG SET WITH THE WALL SWITCH

To use the wall switch to ignite the Gas Log Set, press "ON" and the main burner will ignite. To extinguish the log set press "OFF" on the wall switch (see Figure 3A & 3B).

FOR YOUR SAFETY, never leave your log set operating unattended.

PRESS "ON"
TO IGNITE
GAS LOG SET
MAIN BURNER



Figure 3A

ON



Figure 3B

PRESS "OFF"
TO EXTINGUISH
GAS LOG SET
MAIN BURNER

GENERAL

Be sure all cautions and warnings are observed in your APK and Burner System Installation and Operating Instructions.