

ROBERT H. PETERSON CO.

THE WS-3 WALL SWITCH KIT

INSTALLATION AND OPERATION

WALL SWITCH COVER



SWITCH TO VALVE WIRING



COVER SCREWS



BATTERY HOLDER

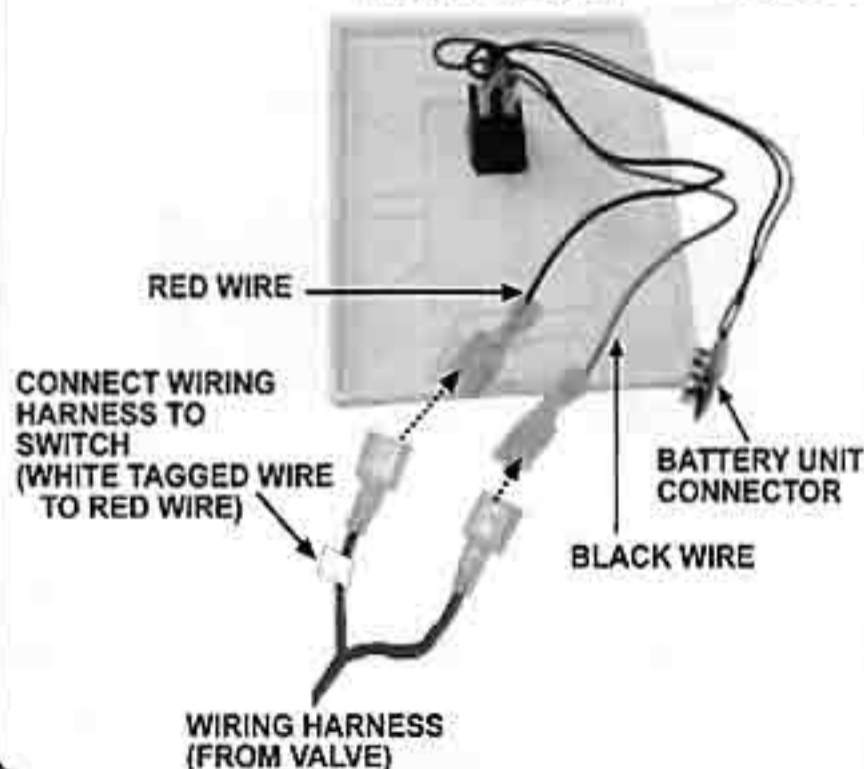
THIS SWITCH OPERATES FLAME HEIGHT CONTROL KNOB ON THE APK-15M VALVE

PARTS LIST:

WALL SWITCH COVER
(complete with rocker switch)
BATTERY HOLDER
(connects to rear of switch)
SWITCH TO VALVE WIRING
COVER SCREWS (2)
AA BATTERIES (4)

TO INSTALL YOUR WALL SWITCH,
FOLLOW THESE INSTRUCTIONS.

- 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.
- 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.)
- 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.
- 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)
- 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.
- 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.
- Finally insert 4 AA batteries in the battery holder, ensuring the polarities are correct.
- Attach the Wall Switch cover to the switch box using the 1/4 inch machine screws supplied.

REAR OF SWITCH **Figure 1**

9. Then attach the **LARGE** female connector of the switch to valve wire to the **OUTER** male spade located on the APK-15M valve (see figure 2 A & B). Attach the **SMALLER** female connector to the **INNER** male spade on the APK valve.

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

Figure 2A

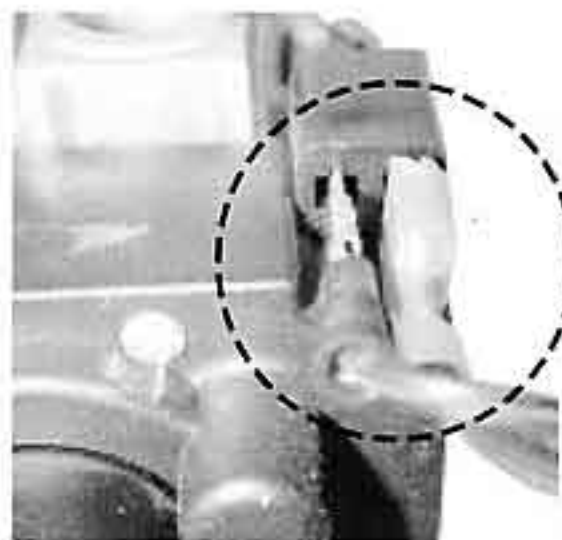
attach small female connector to small male spade

attach large female connector to large male spade



APK-15 VALVE AND WIRE CONNECTORS

Figure 2B



CONNECTORS IN PLACE

Follow your APK-15M 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 control the flame height, press "HI" and the Flame Height control Knob will rotate counterclockwise as the flame height increases.

To reduce flame height press "LOW" on the wall switch (see Figure 3A & 3B).

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

PRESS "HI"
TO INCREASE
FLAME HEIGHT

HI



LOW

Figure 3A

=



FLAME HEIGHT CONTROL KNOB
WILL ROTATE COUNTER-CLOCKWISE

Figure 3B

HI



LOW

=



FLAME HEIGHT CONTROL KNOB
WILL ROTATE CLOCKWISE

PRESS "LOW"
TO DECREASE
FLAME HEIGHT

GENERAL

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