

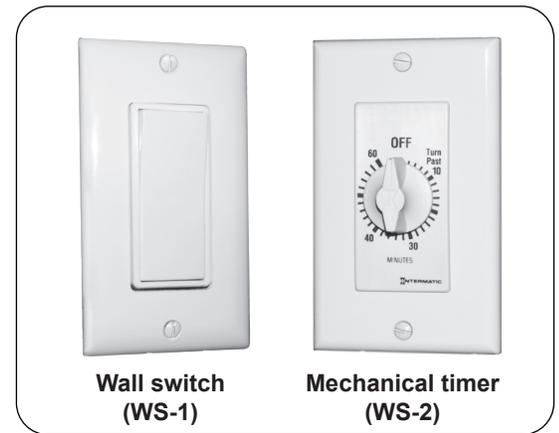
RH PETERSON CO.



Wall Switch/Timer

Model #: WS-1, WS-2

INSTALLER: Leave these instructions with consumer.
CONSUMER: Retain for future reference.



This wall switch/timer is for installation with a 01, 02, 10, 11 and 12 valve system **by a qualified professional service technician.**

Important: This unit does not require an outside electrical source. DO NOT hook up electricity to this unit (millivolts only).

INSTALL WALL SWITCH/TIMER

CAUTION: Ensure the burner and valve system are OFF and completely cool prior to any installation.

1. Select a location for the wall switch/timer near the fireplace. This needs to be within 15' from the fireplace for the length of wiring supplied, and to supply sufficient millivoltage between the wall switch/timer and the pilot generator.
2. At the wall switch/timer location selected, cut out a clearance hole for direct wall or switch box mounting.
3. Tie about 6" of chain or a small weight to a cord to create a plumb line. Hang the plumb line from the wall switch/timer location to the top of the wall baseboard. Immediately below the wall switch/timer location, as indicated by the plumb line, drill a 1/2" to 3/4" hole.
4. Lower the plumb line through the switch/timer 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" 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/timer location to expose several inches of wire.
6. **For the wall switch,** attach the wire to the side terminal screws, connecting one spade clip to each terminal screw. Tighten the terminal screws securely (see Fig. 1-1,A). **For the timer,** pass the wires into the connection chamber. Using the supplied screws with pressure plates, securely fasten wires into place (see Fig. 1-1,B).
7. Attach the wall switch/timer to a switch box.
8. Attach the cover-plate to the wall switch/timer with the 1/4" machine screws.
9. **Timer only:** Attach the timer face cover to the wall cover using the face cover nut provided. Align knob and press in place. See Fig. 1-2.

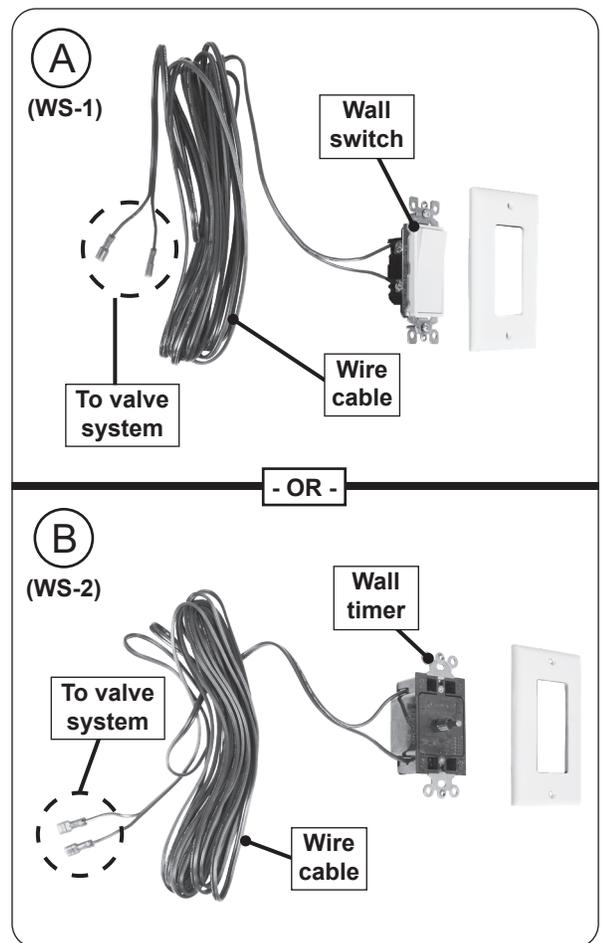


Fig. 1-1 Installation overview

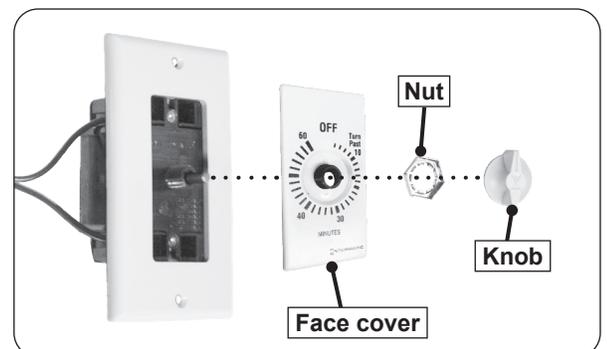


Fig. 1-2 Attach face cover and knob (timer only)

Connect To 01/02 Valve

1. Run the other end of the wire cable (with female connectors) to the valve's switch box.
2. Locate the two free wires on the switch box and connect to them. Ensure all connections are fully attached. See Fig. 2-1.
3. Follow all instructions supplied with your burner / valve system to complete installation (as needed).

Connect To 10/11/12 Valve

1. Run the other end of the wire cable (with female connectors) to the valve.
2. Locate the toggle switch (or on/off switch) on the valve. Remove and discard the red connectors on the switch (see Fig. 2-2, A).
3. Connect the wire cable connectors to the now exposed terminals. Ensure all connections are fully attached. See Fig. 2-2, B.

Important: DO NOT allow the terminals to touch.

Alternatively, the wire cable connectors can be connected to the terminals located directly on the valve. Ensure all connections are fully attached. See Fig. 2-3.

4. Follow all instructions supplied with your burner / valve system to complete installation (as needed).

OPERATION

Note: The ON/OFF or toggle switch must be in the off position when using the wall switch/timer.

Wall Switch

Light the pilot according to the lighting instructions supplied with your burner / valve system (not applicable for 01 and 02 valves).

To turn on the burner system, press the switch upward to the **ON** position. To turn off the burner system press the switch downward to the **OFF** position. The pilot will remain lit (except for 01 and 02 models).

Wall Timer

Light the pilot according to the lighting instructions supplied with your burner / valve system (not applicable for 01 and 02 valves).

To turn on the burner system, turn the timer knob clockwise to the time setting desired. The timer will keep your burner lit for up to 60 minutes. Once the timer expires, the burner will turn off. The pilot will remain lit (except for 01 and 02 models).

FOR YOUR SAFETY, never leave your burner system operating unattended. Be sure all cautions and warnings are observed in your burner / valve system owner's manual.

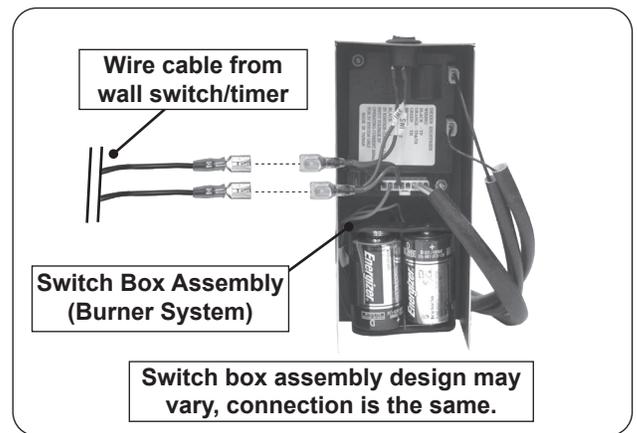


Fig. 2-1 Connect to 01/02 valve

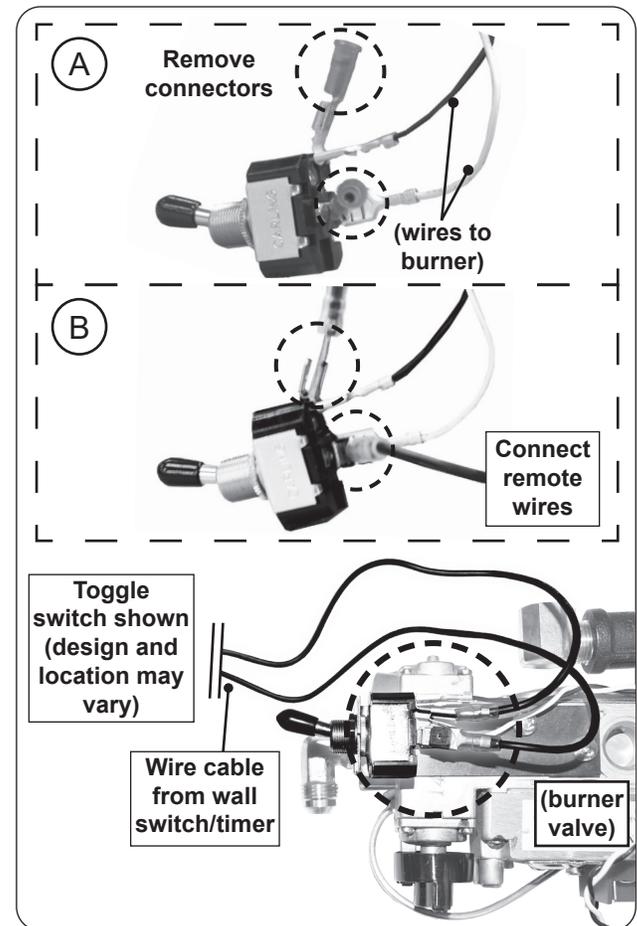


Fig. 2-2 Connect to 10/11/12 valve

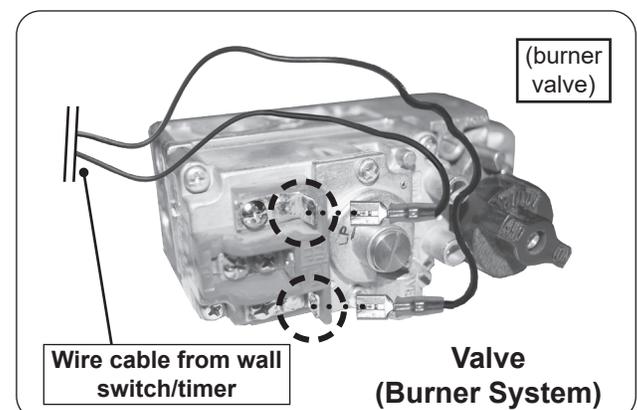


Fig. 2-3 Alternate 10/11/12 valve connection

TROUBLESHOOTING

If you have trouble with your unit, please use this list to identify the problem. By trying one or more of the solutions to the probable cause, you should be able to solve the problem. If this list does not address your present problem, or if you have other technical difficulties with your unit, please contact your local dealer or visit our web site at www.rhpeterson.com.

BURNER DOES NOT LIGHT WHEN PRESSING WALL SWITCH OR TURNING TIMER	
Root Cause	Corrective Action
Loose wires	Check wire leads to wall switch/timer and to toggle switch. Make sure connections are tight.

BURNER IS ON AND WILL NOT SHUT OFF	
Root Cause	Corrective Action
Toggle switch is in ON position	Toggle switch control needs to be in OFF position when using wall switch/timer.
Short in wires	Check wires for barespots and ends of wires to see if they are touching.

NOTES PAGE

Please use this page to record any information that you may want to have at hand.