

# Adjustment Instructions for Remote Ready Vent-Free Gas Products - Main Burner Will Not Light

1. Insure screws that connect thermopile to valve are tight on gas valve (see Figure 1).
2. Check to see that wires from ON/OFF/AUTO switch or remote receiver are connected properly (see Figure 1).
3. With switch in the OFF position, place a flathead screwdriver behind thermopile bracket. Gently twist screwdriver until thermopile tip is touching pilot flame (see Figure 2). Turn switch to ON position to see if main burner will light.

If main burner will not light, valve may be sticky. The valve will need to be "shocked" open.

1. With switch in OFF position, remove thermopile wires from valve (see Figure 3).
2. Using a 1.5V battery or less (ie: AAA/AA/C/D cell battery), connect battery to thermopile screws (TP and TPTH). You will need two 6" pieces of 18 gauge wire. Place end of one wire to positive end on battery and secure with tape. Repeat with second wire on negative end of battery. Slide the other ends of these wires under TPTH and TP terminal screws and tighten.
3. Turn switch to ON position. The valve should open and main burner should light. If main burner does not light, you will need to replace switch. If main burner lights, cycle switch OFF and ON at least twice, allowing 20 to 30 seconds between cycles. With unit OFF, remove battery and reconnect thermopile (see Figure 1). The unit should function properly.

For more information on the care and maintenance of your unit, refer to your owner's manual, call DESA International at 1-866-672-6040, or visit our web page at [www.desatech.com](http://www.desatech.com). You may also register your product on-line at this address.

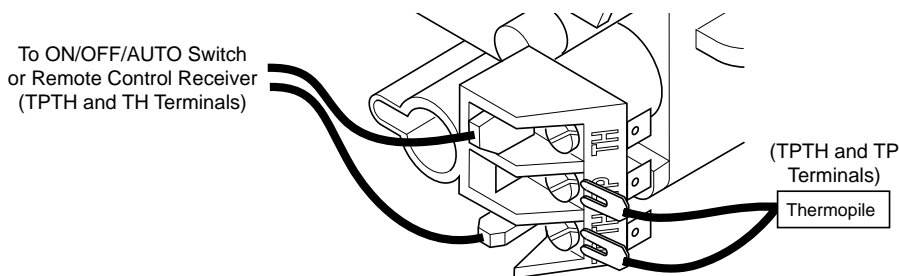


Figure 1 - Thermopile and Switch Connections to Valve

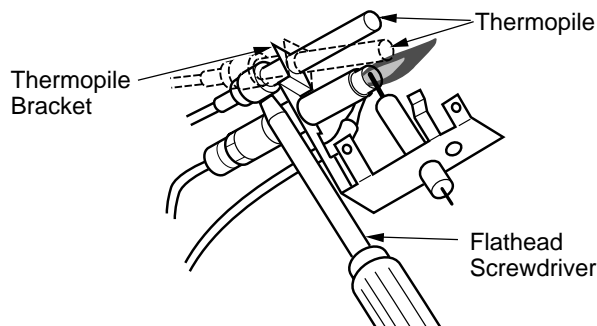


Figure 2 - Adjusting Thermopile

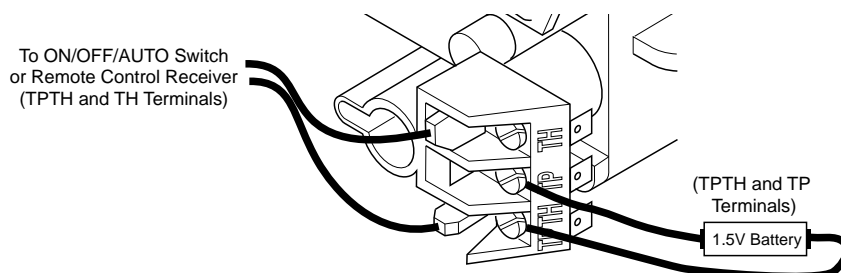


Figure 3 - Connecting Battery to Valve