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GAS-FIRED



Installation Instructions for Simplified Wiring Kit 25267A

Note: This kit will also work as shown for Heatilator Gas Fireplaces using Robertshaw gas valve Thermopile only systems and White Rodgers gas valve Thermopile only systems.

| Item List | Part Number | Qty |
|--|-------------|-----|
| Spade Tongue Connector | 12394 | 1 |
| Squeeze Connector | 14973B | 1 |
| Limit Switch-Normally Open | 24968A | 1 |
| Black Wire Assembly with Spade Connector and Ring Terminal | 25049A | 1 |

- In Fireplace, cut Butt Splice off of wire from Thermopile to Limit Switch and dispose of. (See Figure 1)

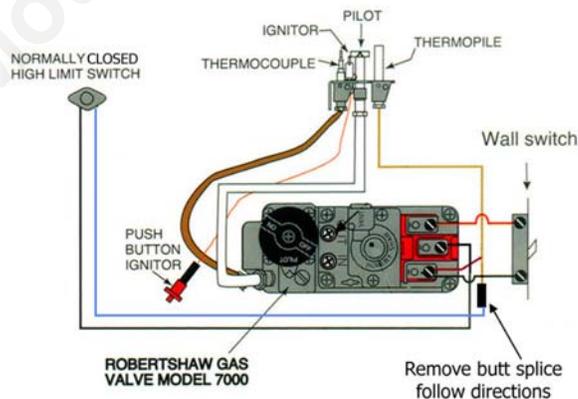


Figure 1- Example of Existing Wiring

- Remove black limit switch wire from TP (center) terminal on gas valve.
- Crimp Spade Tongue Connector (Item 1) to the Thermopile wire that was just cut off from Butt Splice.
- Screw Spade Tongue Connector to center terminal of Gas Valve.
- Locate limit switch above firebox of fireplace, it may off to the left or right side, or in one of the face columns.
- Remove the blue wire from the limit switch, **NOTE:** secure blue wire so it does not fall down behind front of unit, this wire will be needed to connect replacement limit switch.
- Using 1/8" drill bit drill out rivets holding limit switch to fireplace, remove switch and black wire, dispose.
- Attach blue wire to replacement Limit Switch (item 3), see Figure 2.

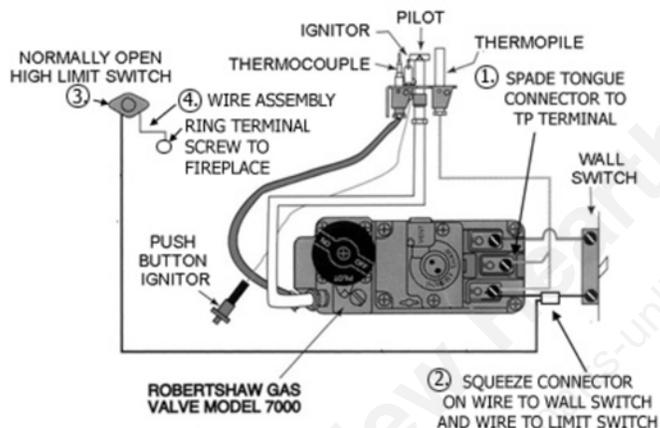


Figure 2- Simplified Wiring Diagram

- Attach Black Wire Assembly (item 4) to other terminal of the Limit Switch using the Spade Connector, see Figure 2.
- The Ring Terminal of the Black Wire Assembly is to be secured to the closest existing screw, see Figure 2.
- Using two # 8 X 1/2" screws fasten Limit Switch back into its previous location.
- Use the Squeeze Connector (Item 2), crimp the Blue Wire from the Limit Switch to the Wall Switch Wire that is connected to the TH/TP terminal on the gas valve, See Figure 2.
- Wiring is now complete, if the fireplace experiences temperatures that are unsafe the normally open limit switch will close and short out the thermopile temporarily, causing the fireplace main burner to shut off. In this wiring configuration the pilot light will stay lit, and is not a fault. When the fireplace cools off, if the system has not been shut off, the main burner will come back on. If this situation occurs the fireplace must be checked by an authorized Heatilator service technician please contact your local dealer/ distributor or visit www.heatilator.com

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