

INSTALLATION INSTRUCTIONS VALVE REPLACEMENT KIT

FOR USE ON VFSE(18,24,30) BURNER

INSTRUCTIONS MUST BE LEFT WITH THE OWNER FOR FUTURE REFERENCE AFTER INSTALLATION.

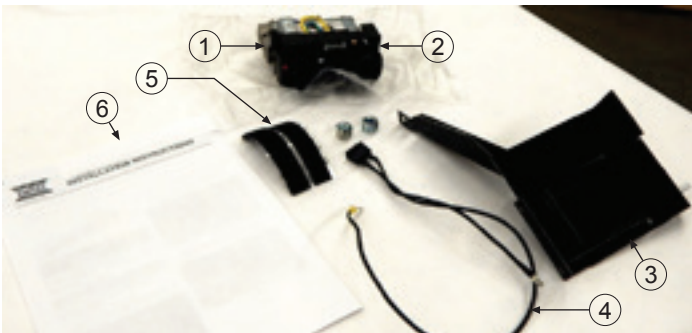


Figure 1

PARTS LIST			
INDEX NO.	PART NO.	DESCRIPTION	QTY.
1a	R10562	Valve, Natural	1
1b	R10563	Valve, Propane	1
2	R10573	Hex Plug, 3/8 Npt	2
3	11308	RH Burner Support	1
4	R10569	Switch And Wire Assy.	1
5	R10518	Hook And Loop Strip	1
6	39624	Installation Instructions	1
N/A	R1148	Wire Tie	2

TOOLS NEEDED:

- Tie Wrap Cutters
- Wrenches 3/4", 11/16", 9/16", 1/2", 7/16", 5/16"
- Nut driver 5/16"
- Phillips Screwdriver
- 5/16" Allen Wrench
- Pipe Dope

INSTRUCTIONS FOR INSTALLATION:

1. If the burner is installed, turn OFF gas supply to burner before replacing the valve.
2. Remove logs and ember material from the burner.

3. Disconnect flex gas line at the valve with 3/4" wrench. See Figure 2.



Figure 2

4. Remove burner from fireplace and set on a suitable work surface. Use the cutters to cut tie wrap. See Figure 3.

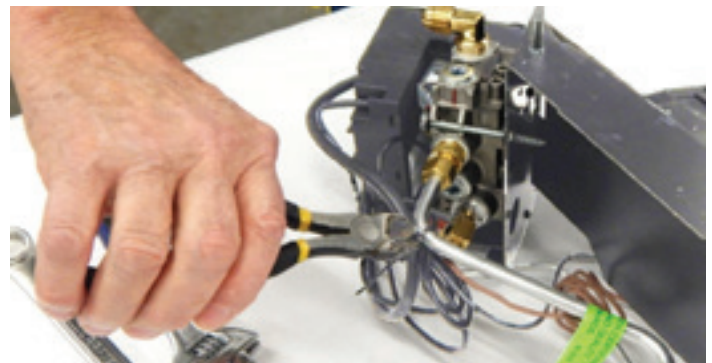


Figure 3

5. Separate the transmitter from the valve by pulling apart the hook and loop fasteners. See Figure 4.

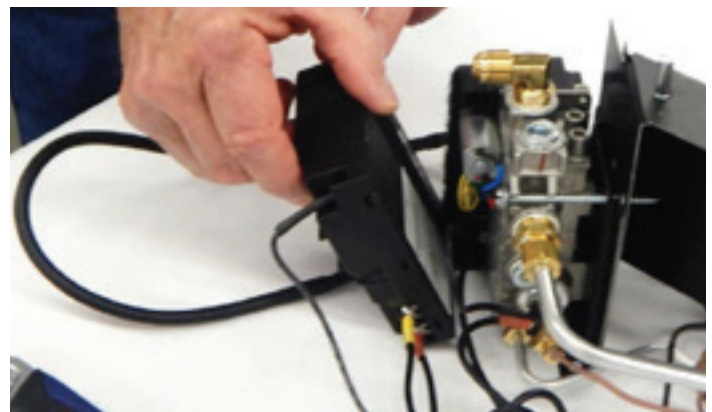


Figure 4

6. Remove hook and loop adhesive backed strip from side of valve. **See Figure 5.**

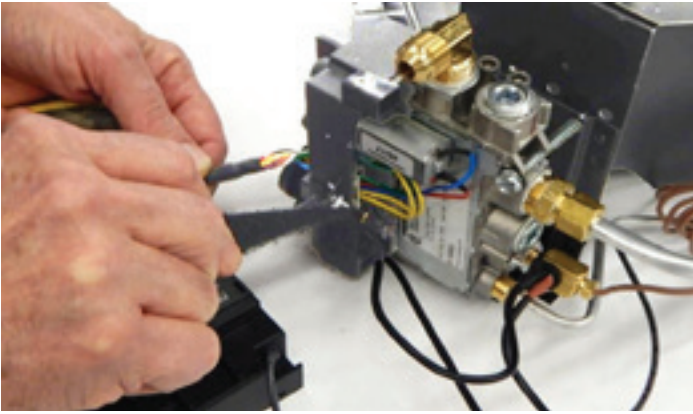


Figure 5

7. Insert screwdriver tip and push in connector tab to release and remove valve connector. **See Figure 6.**

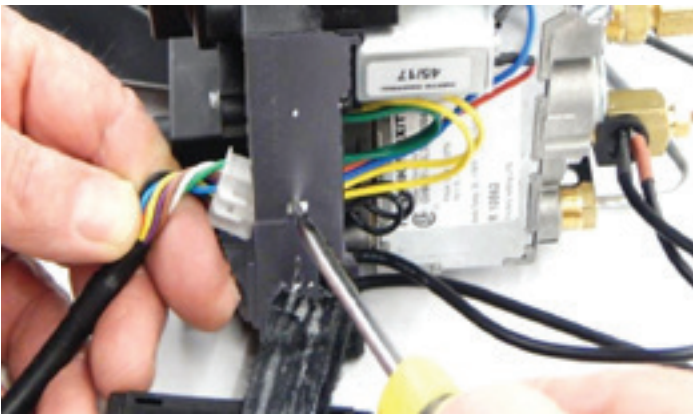


Figure 6

8. Disconnect thermocouple from back of interrupter with 5/16" wrench. **See Figure 7.**



Figure 7

9. Remove plastic connector from interrupter. **See Figure 8.**

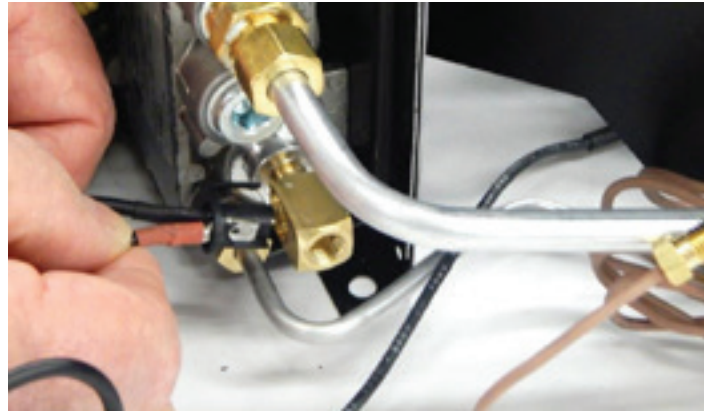


Figure 8

10. Unscrew the interrupter from the valve. Save the interrupter. **See Figure 9.**



Figure 9

11. Disconnect valve to burner gas line from the valve with 9/16" wrench. **See Figure 10.**

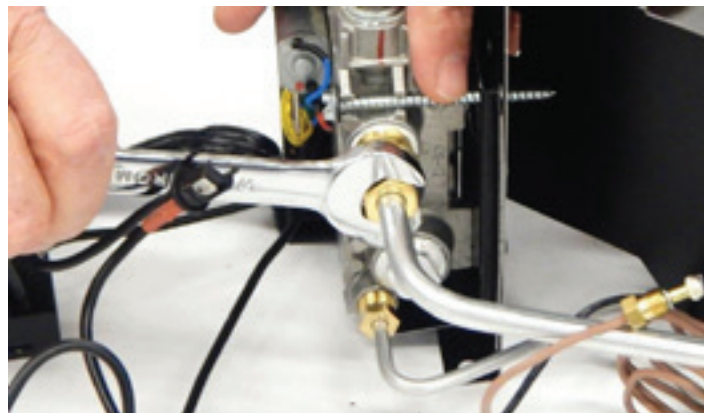


Figure 10

12. Disconnect valve to pilot gas line from the valve with 7/16" wrench. **See Figure 11.**



Figure 11

13. Remove the fitting from the valve inlet with 1/2" wrench. Save the fitting. **See Figure 12.**



Figure 12

14. Remove the fitting from the valve outlet with 11/16" wrench. Save the fitting. **See Figure 13.**

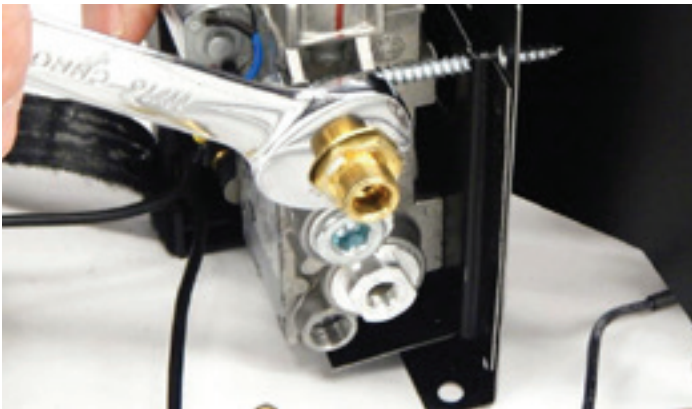


Figure 13

15. Remove the 2-1/2" long screw and washer holding the valve to the burner support with 5/16" nutdriver. Save the screw and washer. **See Figure 14.**

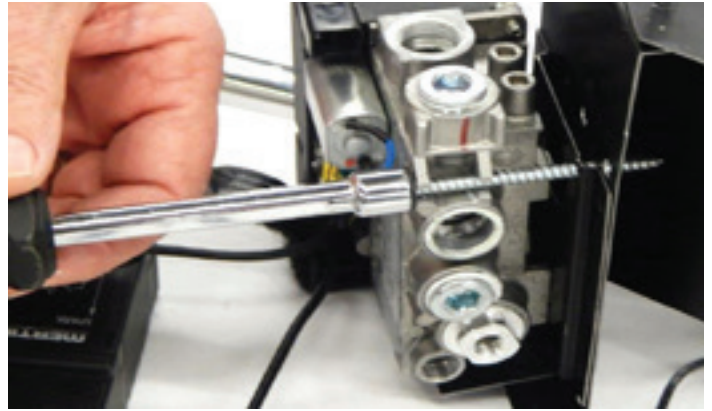


Figure 14

16. The rocker switch in the valve has two wires connected to it. One of the wires runs to the plastic housing removed from the interrupter in Step 10. Remove this wire by pulling it out of the housing. **See Figure 15.**

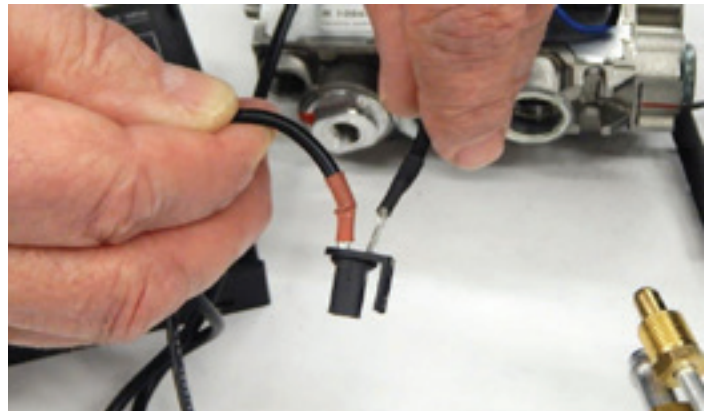


Figure 15

17. Remove the other rocker switch wire from the transmitter with a Phillips screwdriver. **See Figure 16.**



Figure 16

18. Remove the log shelf. **See Figure 17.**

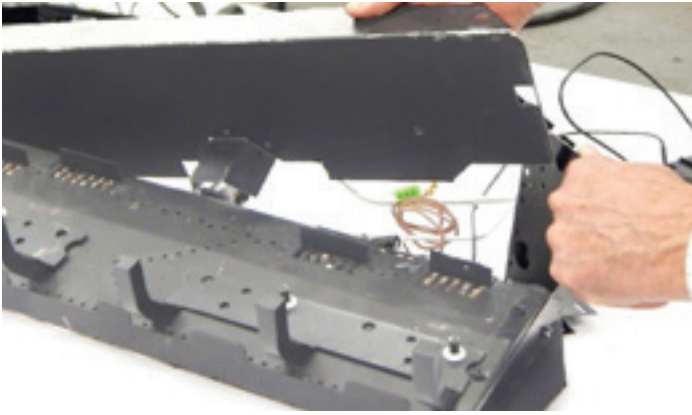


Figure 17

19. With 5/16" nutdriver, remove the two hex head sheet metal screws which attach the right burner support to the burner. Remove the right burner support and save the screws. **See Figure 18.**

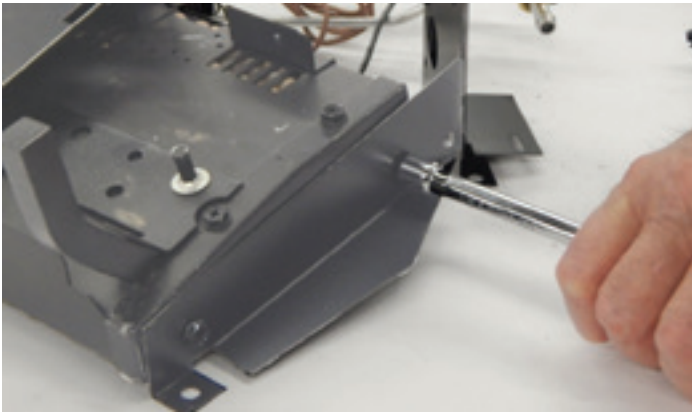


Figure 18

20. Install new right burner support from the replacement kit with the saved screws. **See figure 19.**

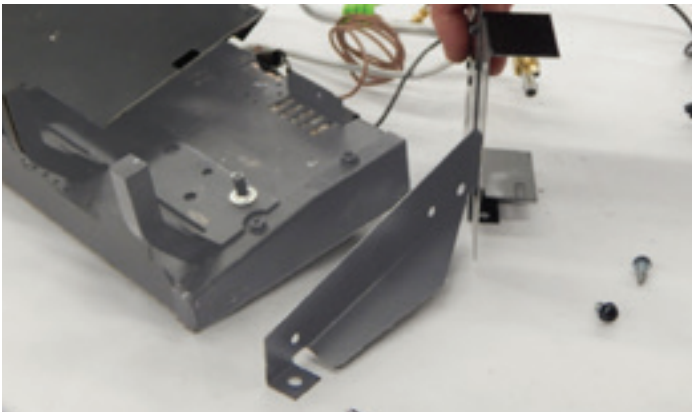


Figure 19

21. Apply pipe dope to the threads of the two plugs supplied in the replacement kit. Using a 5/16" Allen wrench, install both plugs into the new valve, using the old valve as a guide. **See Figures 20, 21, and 22.**



Figure 20

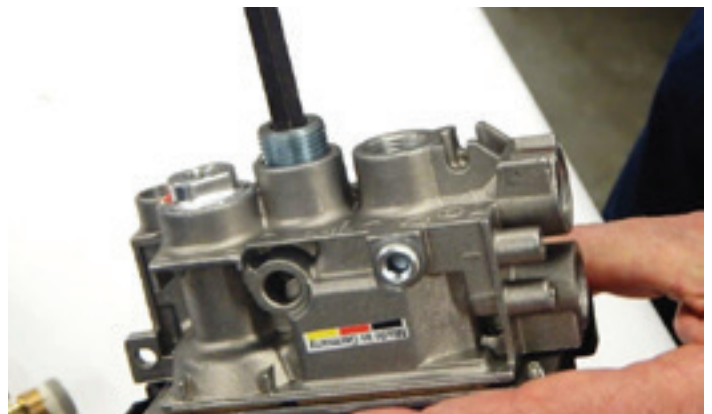


Figure 21



Figure 22

22. Insert the wires from the new rocker switch into the switch opening on the new valve. Orient the switch such that the "I" is at the bottom and snap it into the valve. **See Figure 23.**

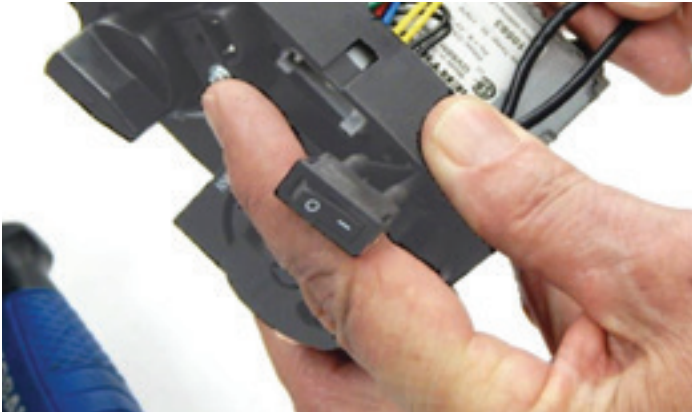


Figure 23

23. Determine which of the hook and loop strips in the kit is needed for the valve. Peel off the necessary strip and stick it to the new valve in approximately the same location as the strip on the old valve. **See Figures 24 and 25.**

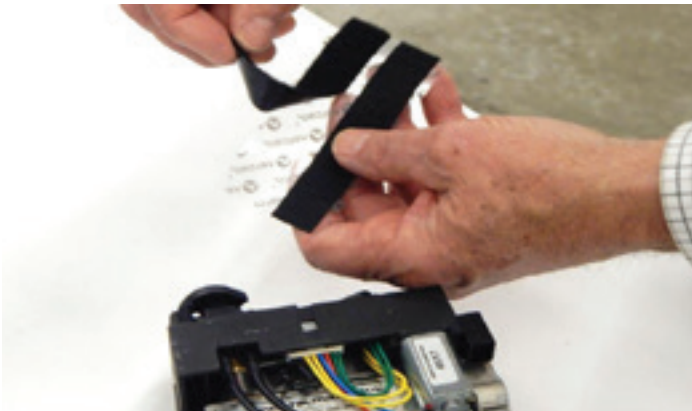


Figure 24



Figure 25

24. Attach new valve to the new right burner support. Insert tab on the bottom of the valve into the slot on the valve bracket on the right burner support. **See Figures 26 and 27.**

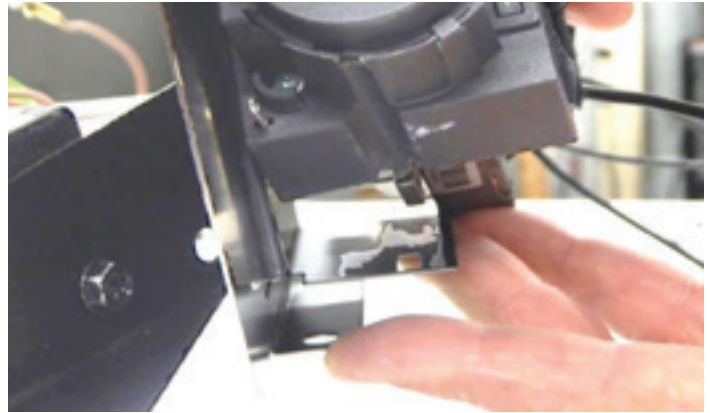


Figure 26



Figure 27

25. Once the valve tab is in the slot, rotate the valve until it rests against the burner support. Insert the saved 2-1/2" long screw and washer to complete the valve attachment. **See Figure 28.**



Figure 28

26. Using 7/16" wrench, attach the pilot gas line to the valve.
See Figure 29.

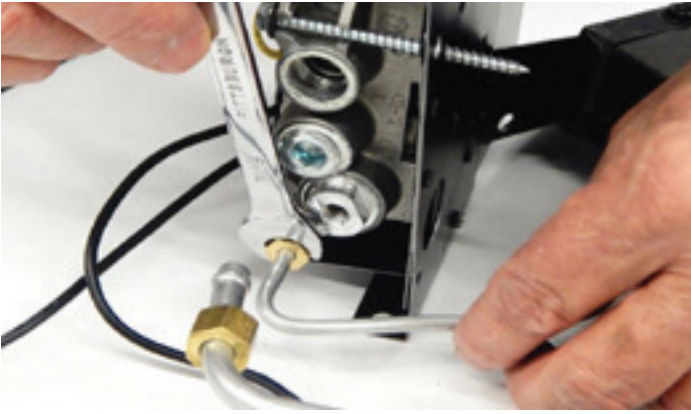


Figure 29

27. Insert the interrupter into the valve. Tighten until finger tight, then use 1/2" wrench to tighten additional 1/4 turn.
See Figure 30.

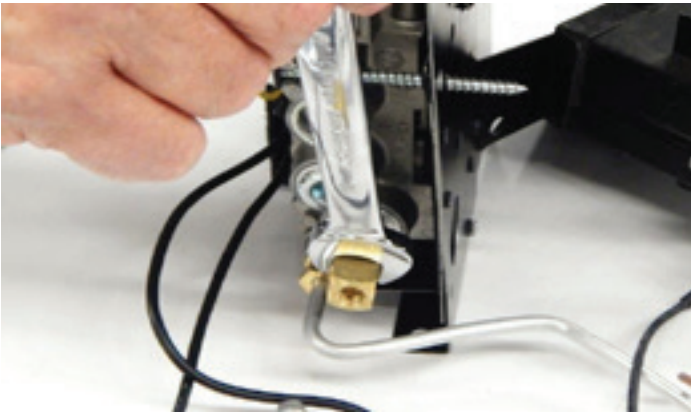


Figure 30

28. Apply pipe dope to the threads of the saved output fitting and install with 11/16" wrench. **See Figure 31.**

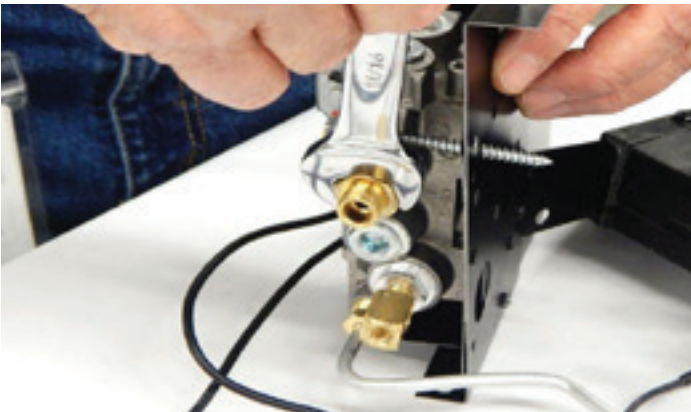


Figure 31

29. Insert wire from the new rocker switch into the plastic housing and snap the housing into the interrupter. **See Figures 32 and 33.**

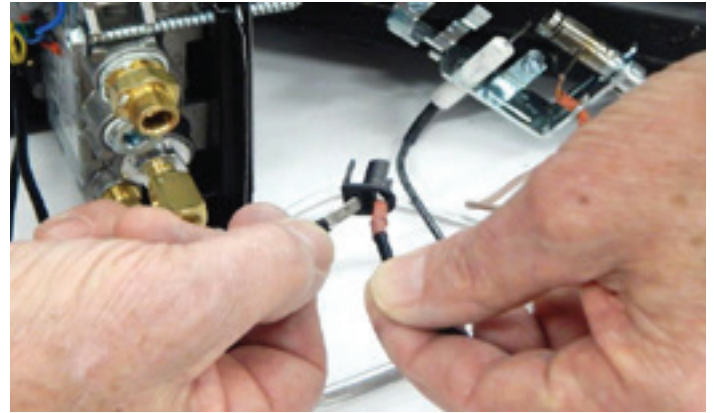


Figure 32



Figure 33

30. Insert the thermocouple into the interrupter. Tighten finger tight, then use 5/16" wrench to tighten additional 1/4 turn.
See Figure 34.

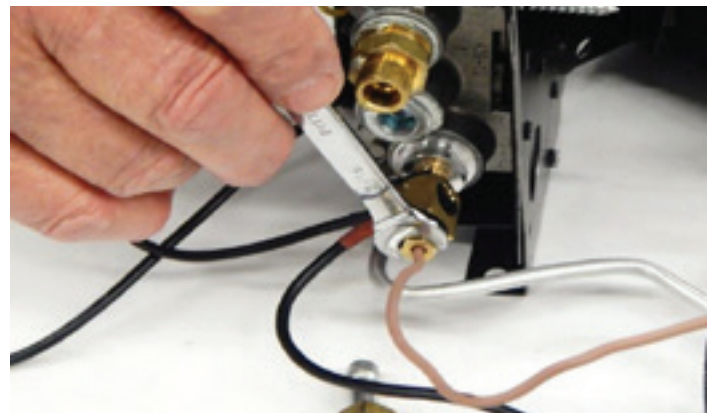


Figure 34

31. Apply pipe dope to the threads of the saved input fitting and install with 1/2" wrench. Tightened fitting should point away from the burner. **See Figure 35.**

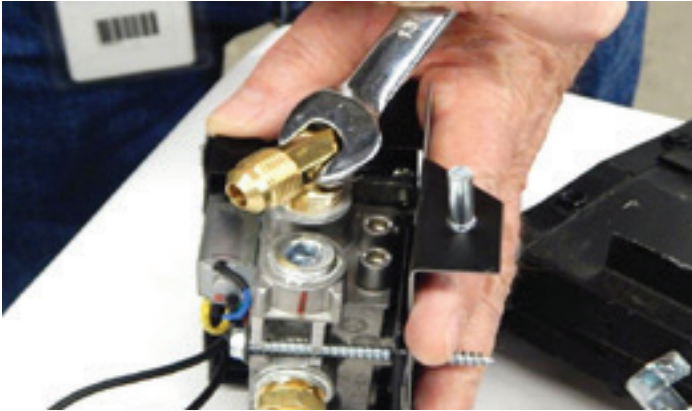


Figure 35

32. Using 9/16" wrench, attach the burner gas line to the valve. **See Figure 36.**

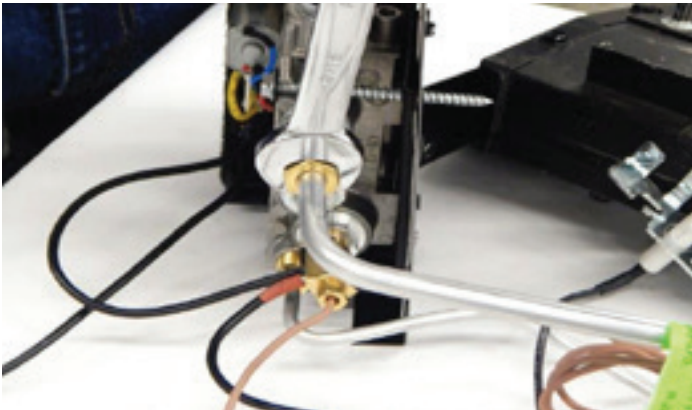


Figure 36

33. Connect wire from the new rocker switch to the transmitter. **See Figure 37.**



Figure 37

34. Insert the valve wire connector. **See Figure 38.**



Figure 38

35. Attach the transmitter to the valve with the hook and loop fasteners. **See Figure 39.**



Figure 39

36. Bundle together the extra wire along with the thermocouple wire and tie wrap to the burner gas line. **See Figure 40.**



Figure 40

37. Place the log shelf back on the burner supports. Place the burner assembly back into the fireplace and re-attach the gas line.
38. Place the ember material and log set back on the burner. Reference instruction manual if necessary.



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