

**Vent Line Adapter Installation Manual Addendum For DMV 7xx**

**ATTENTION**

- Read these instructions carefully.
- Failure to follow them and/or improper installation may cause explosion, property damage and injuries.
- Installation must be done with the supervision of a licensed burner technician.
- Never perform work if gas pressure or power is applied, or in the presence of an open flame.
- Once installed, perform a complete checkout including leak testing.
- Verify proper operation after servicing.
- Label all wires prior to disconnection when servicing. Wiring errors can cause improper and dangerous operation.
- The system must meet all applicable national and local code requirements such as but not limited to the following fuel gas codes: NFPA 54, IFGC (International Fuel Gas Code), or CSA B149.1 (for Canada) or the following equipment codes and standards: CSD-1, NFPA 86, NFPA 37, ANSI Z83.4/CSA 3.7, ANSI Z83.18, ANSI Z21.13/ CSA 4.9, or CSA B149.3 (for Canada).

**INSTALLATION**

**Setup**

- The main gas supply must be shut off before starting the installation.
- Examine the inside of the DMV-D(LE), Vent Line Adapter, and flanges. All piping must be clean and free of dirt.

**Recommended Procedure to Pipe the Vent Line Adapter**

- Use new, properly reamed and threaded pipe.
  - Apply good quality pipe sealant, putting a moderate amount on the male threads only.
  - Apply counter pressure when screwing the pipe into the Vent Line Adapter and while capping and sealing unused vent line connection (See fig. 1).
  - Apply a parallel jaw wrench only to the flats on the Vent Line Adapter.
  - Do not overtighten the pipe. Follow the maximum torque values listed below.
- |      |     |          |
|------|-----|----------|
| 3/4" | 1"  | NPT pipe |
| 560  | 750 | [lb-in]  |
- After installation is completed, leak test the vent line connection to confirm that no leakage occurs.

**!** Installation must be done with the supervision of a licensed burner technician. The system must meet all applicable codes. Improper installation may cause explosions, property damage and injuries.

**!** Piping must comply with applicable local and national codes and ordinances, including the National Fuel Gas Code ANSI Z223.1/NFPA 54 or CSA B149.2 (for Canada). Vent line connection to be installed per the authority having jurisdiction.

**!** The Vent Line must be properly installed. The use of a normally open vent valve is required. (see fig. 2)

**!** See DMV 7... installation manual for supply gas line connections and operation of the DMV.

**!** Not a supply gas connection. This is a vent line connection ONLY.

**!** Vent Line must be vented to a safe location as determined by the authority having jurisdiction.

**!** Plug and seal unused vent line connection.

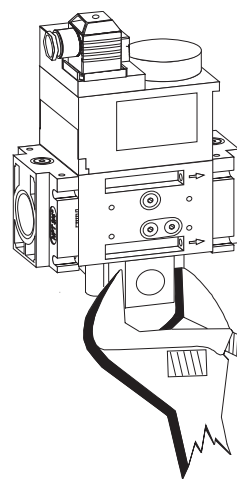


Figure 1

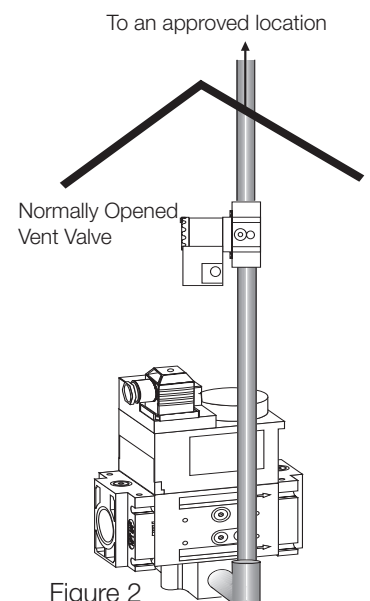


Figure 2