

March 2010

Filler Valve Installation Instructions Applying to all Fisher “D” Series Filler Valves



WARNING

Install, use, and maintain per Fisher instructions and all applicable federal, state, local laws and codes, and NFPA Pamphlet 58.

1. Keep dirt and foreign particles off the male pipe threads of the valve so they cannot enter the container.
2. The female threads in the container coupling should be properly gauged and be free from warpage, welding slag, or particles.
3. Coat the male threads of the valve with a U.L. listed sealing compound. Take care that excess compound does not drip into the container or flow around the bottom edge of the pipe thread or on the lower back check valve.
4. If the coupling in which the filler valve fits is equipped with a dip tube, be sure the coupling end of the dip tube is deep enough to not restrict the back check poppet when it is in the full open position.
5. Pull the valve into the coupling hand tight, and then wrench tighten it for approximately two additional turns. Do not install the valve with such extreme torque that the coupling can cut threads into the valve. This can cause valve distortion and affect the internal working parts. Larger size valves may require an additional amount of torque (especially if of steel construction) to obtain a leak free connection.
6. After installation, test the valve container connection and outlet connection for leaks in accordance with recognized standards. Filler valves used for domestic service should be installed to fill into the vapor space of the container.
7. All double back check filler valves (except D115B, D116 and D200) can have both the upper and lower back checks gagged open by an unloading adaptor or other means. Codes require that these valves never be gagged or blocked open when LP-gas is in the container.
8. Single back check filler valves (Type D138 and D139) require an additional check valve or a manual shutoff valve to meet regulations.
9. Be sure the valve's cap is in place when the valve is not in use.
10. Type D114 valves have a 1/4-inch FNPT side outlet for venting trapped vapor from automobile trunks. Be certain to install a shutoff valve in the piping that is connected to the side outlet. The shutoff valve must be closed when the container is being filled.



D Series

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LP-Gas Equipment

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