



ME868BLK BYPASS LINE KIT

Installation Instructions



WARNING

- Failure to follow these instructions or to properly install and maintain this equipment could result in (A) personal injury or death and (B) an explosion and/or fire causing property damage.
- Install, operate and maintain Marshall Excelsior Co. equipment in accordance with federal, state, and local codes and these instructions. The installation in most states must also comply with NFPA #58 LP-Gas Code, ANSI K61.1 and DOT standards.
- Only personnel trained in the proper procedures, codes, standards and regulations of the LP-Gas Industry should install and service this equipment.

CAUTION: Contact or inhalation of liquid propane or propane vapors can cause serious injury or death! Disperse propane only in accordance with local regulations. To prevent exposure of LP-Gas to people and livestock when allowed by regulations, release these chemicals outdoors in air currents that will ensure dispersion. Keep LP-gas far enough from any open flame or other source of ignition to prevent fire or explosion! LP-Gas is heavier than air and may not disperse or evaporate quickly if released in still air.

FOR USE WITH:

This product is compatible with ME825-16 2" High Flow Globe Valve when installed in combination with P/N ME868 Series Turbo-Flo LE Low Emission ACME Adapter.

WARNING

Release all system pressure prior to installation of bypass line kit. Failure to do so could result in personal injury. Use proper safety equipment at all times.

If ME868 series Turbo-Flo LE Low Emission Adapter is already installed, trapped liquid must be purged prior to bringing vehicle indoors for service or installation of bypass line kit. To purge, use adapter P/N MEP105 and follow instructions provided.

Marshall Excelsior Co.

1506 George Brown Drive Marshall, MI 49068

Phone (269) 789-6700 Fax (269) 781-8340

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Form # 444 Rev. B



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Form # 444 Rev. A

INTRODUCTION

Scope of Instructions:

These instructions cover P/N ME868BLK Bypass Line Kit. When used in conjunction with P/N ME825-16 2" High Flow Globe Valve and P/N ME868 Series Turbo-Flo LE Low Emission ACME Adapter, this bypass kit provides a closed loop system allowing the downstream pressure to bypass the valve seat to equalize with the upstream piping system.

INSTALLATION

1. Purge all trapped liquid and vapor from the line to be serviced.
2. Remove the 1/4" NPT plugs from the inlet and outlet side of the ME825-16 High Flow Globe valve .
3. Apply a suitable thread sealant compound, such as Loctite 565PST, to male NPT thread of check valve.
4. Install check valve into 1/4" NPT outlet port of globe valve as shown and tighten.
5. Apply a suitable thread sealant compound, such as Loctite 565PST, to male NPT thread of flare fitting adapter.
6. Install flare fitting adapter into 1/4" NPT inlet port of globe valve as shown and tighten.
7. Apply a suitable thread sealant compound, such as Loctite 565PST, to male NPT thread (fixed end) of bypass line.
8. Connect 1/4" Male NPT (fixed end) of the bypass line to the check valve and tighten until the flare fitting swivel nut end aligns with the flare fitting adapter.
9. Connect the flare fitting nut to the flare fitting adapter, and tighten.
10. Pressurize the system after all plumbing is complete to a pressure of at least 150 PSI and check all joints for leakage using a suitable leak detector solution such as "Marshall Excelsior Leak Detector".

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