



Reliable Connections™

Spool-Type By-Pass Valve Assembly #682089

Installation Instructions

Replacement Kit for Mueller® H-17025

Control Chamber

Replacement Kit Parts List

- 2 – 1/4-20x7/8" Brass Fillister Head Screws (054504)
- 1 – By-pass Valve Assembly with Gasket (682054)
- 1 – Adapter Plate (312023)
- 1 – Adapter Plate Gasket (078833)
- 1 – Instruction Sheet (Form 12086)

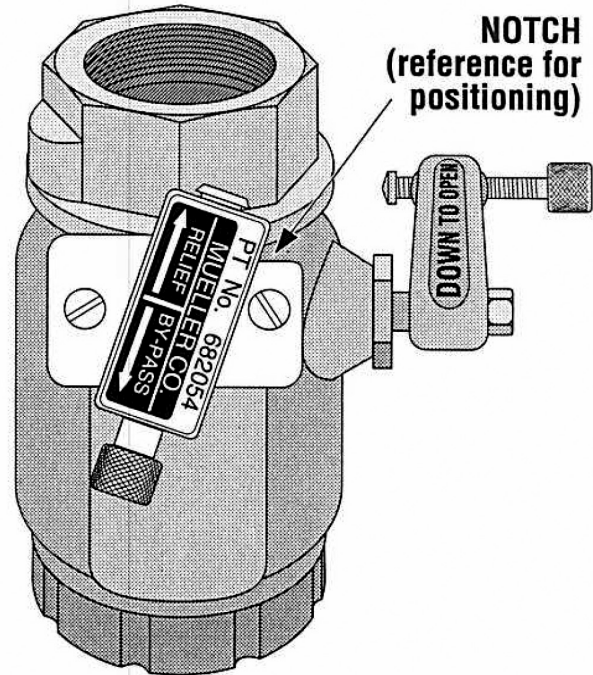
Installation

1. Remove existing by-pass valve from control chamber
 - a. Release all pressure from control chamber.
 - b. Remove two mounting screws from existing by-pass valve.
 - c. Remove existing valve.
 - d. Carefully clean away remnants of gasket from mounting surface of control chamber, taking care not to score surface.
2. Insert two 1/4-20x7/8" screws into mounting holes of replacement by-pass valve assembly (with its gasket in place).
3. Position adapter plate over screws and onto base of valve, making sure notches on each piece align.
4. Position small oval gasket over screws taking special care to align holes in middle of gasket with those in base of by-pass valve.
5. Position this assembly onto the by-pass valve mounting surface of the control chamber, with the knurled knob down toward the chamber outlet. (See illustration.)
6. Tighten the mounting screws to 55-60 inch pounds.

By-Pass Valve Operation

By-pass: Pull knurled knob away from the valve body in one quick motion.

Relief: Push the knurled knob in toward the valve body in one quick motion.



Maintenance

Periodically, remove and clean the by-pass valve spool:

1. Remove retaining ring from end of valve spool.
2. Pull spool out of valve body.
3. Clean spool and O-rings, removing old lubricant and any foreign material.
4. Similarly clean body bore and examine for scratches. (If deep scratches are evident, the by-pass valve must be replaced.)
5. Examine O-rings for damage and replace if necessary.
6. Lubricate O-rings with a silicone based grease.
7. Reassemble the spool and secure with retaining ring.

Phone: (800) 798-3131

By deviating from the above listed instructions, you will void any product warranty and release Mueller Co. and its affiliated entities from any and all liability associated with the installation or use of this product. For details on the product's warranty, terms, and conditions, please visit www.muellergas.com.

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