



# BY-PASS METER BAR

## Operating Instructions

The Mueller® By-Pass Meter Bar allows maintenance on the gas meter without interrupting the flow of gas to the customer. One simple turn can by-pass or stop the flow of gas going to the customer.

The Mueller By-Pass Meter Bar is designed for use on natural gas services delivering up to 5 psi (34 kPa) delivery pressure. It has 1" inlet and outlet sizes to meet the customer's need.

### GENERAL

**Bracket:** The Bracket mates up with existing mounting kits in order to secure the meter bar to the residence.

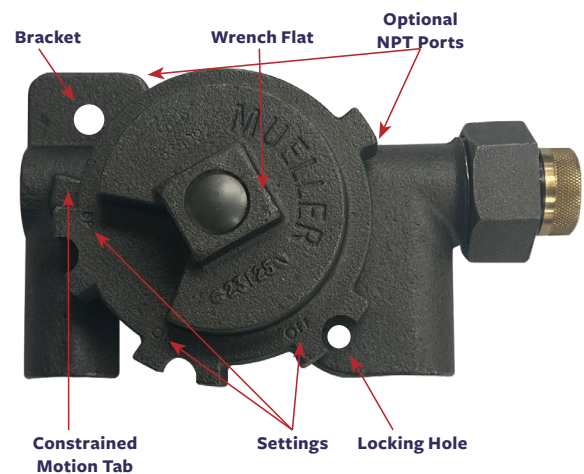
**Wrench Flat:** The wrench flat is 1.5" wide.

**NPT Ports:** There are 2 bosses on the inlet and outlet of the meter bar that have the option to be tapped with a ¼" NPT Thread. These allow for confirmation that there is no substantial pressure drop downstream that would interrupt service to the customer.

**Constrained Motion Tab:** Does not allow 360° rotation to eliminate possible user error.

**Settings:** There are 3 settings labeled on the meter bar; ON, OFF, and BP. BP stands for By-Pass which allows the user to by-pass the meter without interrupting flow to the customer.

**Locking Hole:** The locking hole is compatible with a standard barrel lock and prevents any tampering with the meter bar.



### ON TO BY-PASS

1. Clear any debris from the By-Pass (BP) locking hole and any debris that will inhibit the valve turning freely.
2. Remove the barrel lock.
3. Using a wrench on the wrench flat, turn the valve counterclockwise until the By-Pass (BP) hole is over the locking hole.
4. Install the barrel lock, locking the meter bar into By-Pass mode.

***The meter bar is now in By-Pass mode, and it is safe to service the meter.***

# BY-PASS METER BAR OPERATING INSTRUCTIONS

## BY-PASS TO ON

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1. After completing the service work on the gas meter, the internal mixture of air and any errant gases must be fully purged from the unit before turning the Bypass Meter Bar back into the ON position for use by the customer. Please review the purge guidelines attached to these instructions before continuing.
2. Clear any debris from the ON locking hole and any debris that will inhibit the valve turning freely.
3. Remove the barrel lock.

**CAUTION: Do NOT turn the valve past where the ON hole is lining up with the locking hole. Turning too far past the holes lining up will result in flow being interrupted.**

4. Using a wrench on the wrench flat, turn the valve clockwise until the ON hole is over the locking hole.
5. Install the barrel lock, locking the meter bar into ON mode.

***The meter bar is now in ON mode, and gas is flowing through the meter.***

## ON TO OFF

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1. Clear any debris from the OFF locking hole and any debris that will inhibit the valve turning freely.
2. Remove the barrel lock.
3. Using a wrench on the wrench flat, turn the valve clockwise until the OFF hole is over the locking hole.
4. Install the barrel lock, locking the meter bar into OFF mode.

***The meter bar is now in OFF mode, and gas is NOT flowing through the meter or to the residence.***

## OFF TO ON

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1. Clear any debris from the ON locking hole and any debris that will inhibit the valve turning freely.
2. Remove the barrel lock.
3. Using a wrench on the wrench flat, turn the valve counterclockwise until the ON hole is over the locking hole.
4. Install the barrel lock, locking the meter bar into ON mode.

***The meter bar is now in ON mode, and gas is flowing through the meter.***

**NOTE: If a situation occurs where the valve is “jumping or sticking” due to ice or unforeseen debris and there is trouble lining up the locking holes, use the following instructions.**

1. Using a wrench on the wrench flat, turn the valve until the holes are close to lining up.
2. Begin insertion of the barrel lock as normal into desired insertion hole. It will only install as far as the poor alignment will allow.
3. Turn the valve while applying pressure to the barrel lock until the barrel lock pushes through.

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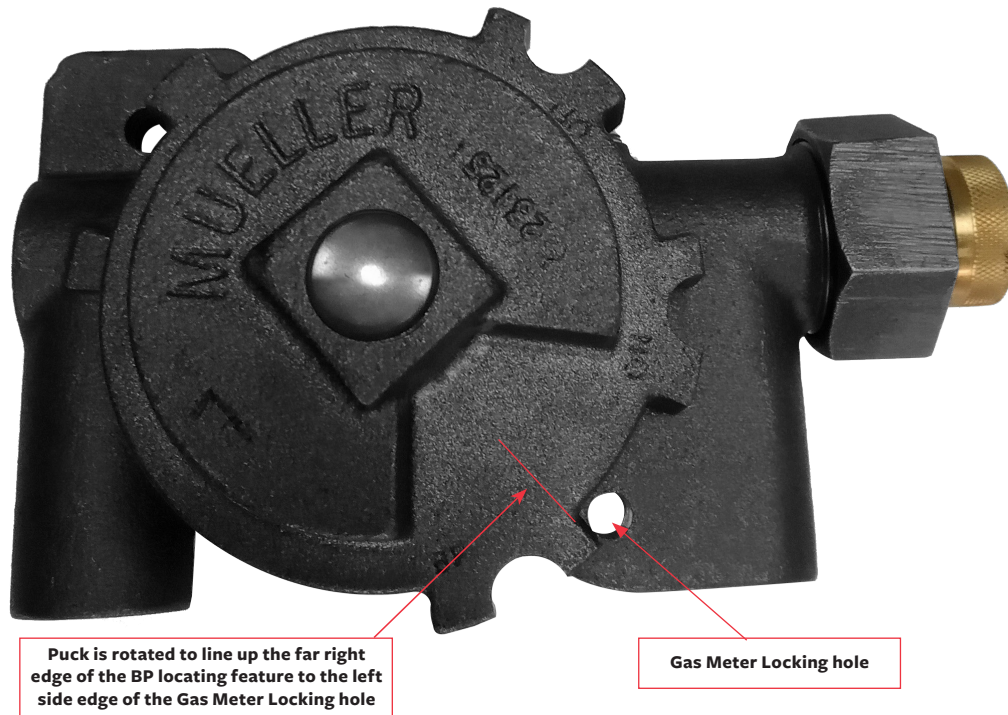


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## PURGE GUIDELINES (FOR BY-PASS TO ON PROCEDURE)

1. Slightly loosen the meter outlet nut on the gas meter to allow for air and any errant gases to escape the unit.
2. Using the proper flat wrench to change positions on the Bypass Meter Bar, turn the puck of the Bypass Meter Bar clockwise to line up the far right side of the BP locating feature with the left side edge of the Gas Meter Locking Hole as shown in Figure 1.1

FIGURE 1.1



### DO NOT PURGE IN A CONFINED AREA!

3. Any unwanted air held within the gas meter is now being purged from the unit using the force of service gas in the supply line.
4. The Compressed Gas Indicator (CGI) should be showing gas escaping into the atmosphere from the meter outlet nut. Allow the purge to continue for a minimum of 30 seconds.
5. Tighten the meter outlet nut to complete the purging process.