

Barrel Gauge —Type B

What it is:

Top mounted liquid level gauge that can measure the level of Drums & Barrels. Comes in 55 Gallon, 30 Gallon, and 15 Gallon Models. Will accommodate .75", 1.5", or 2" openings.

Additional Options:

Audible Alarm Accessory: This add on feature can turn your mechanical gauge into an audible Hi or Lo level alarm. (part # varies with model)

LED At-A-Glance Accessory: Another add on feature. This will give your mechanical gauge remote reading capability. (part # LED)

Gauge Guard: A metal cover that protects the exposed plastic components on top of the gauge. (part # ALG)

Material Packages / Gauge Packages:

Standard Model - This model comes with plastic calibration, plastic locking nut, galvanized rods, and HDPE float. (The .75" model comes with a black Nitrophyll float.)

Stainless Level One - part # adder **\$1** - This model comes with plastic calibration, plastic locking nut, aluminum bushing, stainless rods, and HDPE float. (The .75" model comes with a black Nitrophyll float.)

Stainless Level Two - part # adder **\$2** - This model comes with aluminum bushing, stainless rods, and stainless float. (.75" fitting not available)

All Stainless Model - part # adder **\$3** - This model comes standard with glass calibration, aluminum locking nut, stainless bushing, stainless rods, and stainless floats. (.75" fitting not available)

All Plastic Model—Type PB—This model comes standard with Glass Calibration, PVC Gauge Guard, PVC Bushing, PEEK Plastic Rods, HDPE Plastic Float.



Part Number—
B-(Gallon Size)-(Size Opening)-(list options) Sample—B-55-2-S2

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Barrel Gauge Accessories and Replacement Parts

Accessories



Glass Calibration



Gauge Guard

LED At A Glance Remote Display- Turns the direct reading barrel gauge into a wired remote reading gauge.

(part # add -Ledaag)

Direct Mount Alarms- Audible alarm that mounts directly to the gauge and provides your choice of overfill or low level warnings.

(part # add -Dalarm)

Remote Mount Alarms- Audible alarm that can be remotely wired and provides your choice of overfill or low level warnings.

(part # add -Ralarm)

Aluminum Lock Nut- Replace the red lock nut for added durability.

(part # add -ALN)

Gauge Guard- Protective Cover that replaces the red locking nut providing protection from physical damage and weathering damage. Also helps with passing fire inspections.

(part # add -ALG)

Glass Calibration- The internal piece of the calibration becomes glass. Provides protection from heat, fumes, weathering, and also helps with passing fire inspections. (part # add -GLC)



Aluminum Lock Nut



Led At A Glance



Direct Mount Alarm



Remote Alarm

Replacement Parts (State gallon size when ordering)

- **B-Kit-** Replaces all the top components with standard materials.
- **BG-Kit** Replaces all the top components with standard materials and a glass calibration.
- **BALN-Kit-** Replaces all the top components with standard materials and an aluminum lock nut.
- **BGALN-Kit-** Replaces the top components with a glass calibration and aluminum lock nut.

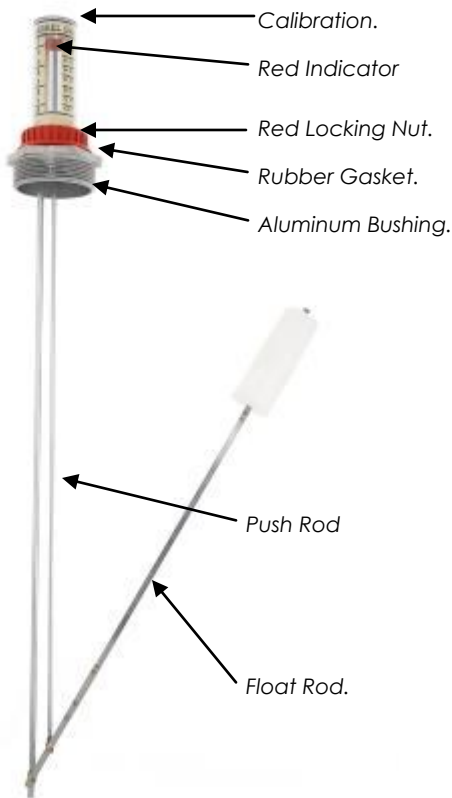
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Ordering, Installation, Maintenance and Operation



Installation Instructions:

When installing, unthread the red nut and remove the calibration. Insert the gauge into the barrel. Fix the push rod in a full or empty position, and then thread in the gauge. Be sure the arrows on the bushing are facing away from walls and obstructions. Re install the calibration and red nut.

Instructions for Operation:

The top of the red indicator is an indication of your approximate fuel level in your tank. Once installed, you simply view the calibration to monitor your tank level. Indicator is calibrated in eighths of a tank on one side, and quarters of a tank on the other as well as Gallons and Liters.

Ordering Instructions:

Part Number Layout-

B-(gallon size)-(opening size)-(material package)-(options)

1. State the gauge type (Type B for metal or Type PB for all plastic)
2. State the gallon size of your drum. Standard gallon sizes available for this gauge are 55 gallon, 30 gallon, or 15 gallon.
3. State the opening size you are using. (.75"---1.5"---2")
4. List the material package you prefer for best compatibility with your liquid. Material packages are explained on page 1 of this document. Skip this if you want standard materials
5. List other material options and accessories that you prefer. These options and accessories can be located on page 2 of this document. Skip this if you want standard materials.

Example Part numbers

- B-55-2
- B-55-2-S2-ALG
- B-55-.75-ALN
- PB-55-2

Maintenance:

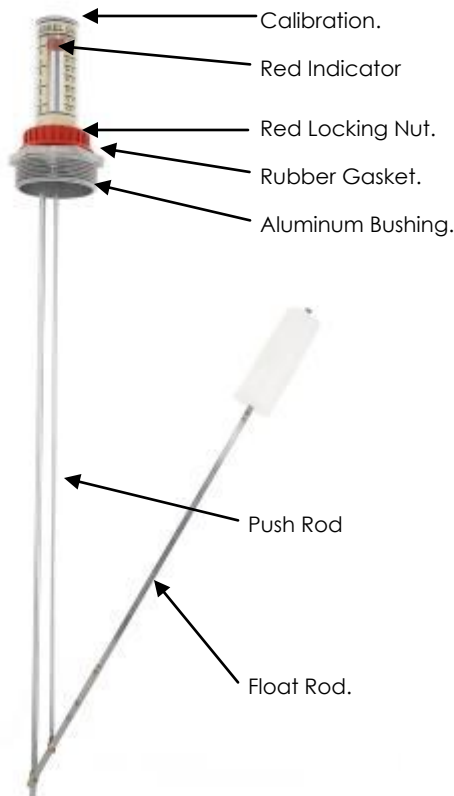
The Barrel Gauge can fail in one of three ways.

- The calibration assembly on the outside of the tank can become weathered, unreadable, or broken.
- The connecting rods that extend into the tank can come apart or become damaged.
- The float that sits at the bottom of the gauge can come off or become saturated with product (leak).

Recommended Maintenance Procedures:

- Once per month: Inspect the top of the unit once per month to ensure that the calibration is visible, readable, and unbroken. (these top pieces can be easily replaced without having to replace the whole gauge)
- Once every 6 months: Unthread the unit and carefully remove it from the tank. Be sure all rods are connected as one piece from the red indicator all the way down to the float. Also inspect the float for damage or leakage. To ensure proper working order, manually raise the float arm from empty to full to be sure that the red indicator freely moves up and down with the motion of the float rod.
- When performing maintenance, be sure to follow the installation instructions above to prevent damaging the gauge

The Barrel Gauge—FAQ, Troubleshooting



Frequently Asked Questions:

Q: The top plastic portion of my gauge has become damaged or weathered, what can I do?

A: The top of the gauge is easily replaced, just order a B-Repair Kit which replaces all of the top components of the gauge.

Q: How can I prevent the top of my gauge from becoming weathered or warped in the future?

A: Several upgrades exist that improve the life and performance of the gauge. The glass calibration, which makes the internal part of the calibration into glass, increases the gauges resistance to heat, fumes, and sun.

Q: My gauge top keeps getting broken by hoses/weather/people, do you have a more durable option?

A: We offer something called a Gauge Guard. This is an aluminum cage that replaces the red lock nut and protects the top of your gauge from physical damage and weathering.

Q: The fire inspector says my gauge is not up to code? How can I satisfy their requirements.

A: If you get the glass calibration and the gauge guard, you are creating a glass and metal barrier between the inside of the tank and the external environment. Explain this to your inspector and see if it satisfies their requirements.

Q: What is the difference between the Barrel Gauge and the standard Direct Reading Gauge.

A: The two gauges are actually identical, but the Barrel Gauge is specifically designed to fit into standard 55, 30, and 15 gallon drums. It also has a gallon and liters readout on the calibration.

Q: I have aggressive chemicals that I need to gauge, will this work?

A: The barrel gauge has many material options, including all stainless components or all plastic components. We can help with determining what material option you need, but compatibility is ultimately the end users decision.

Q: I need this to thread into a .75" fitting. Is that possible?

A: We do offer a .75" bushing, but the material options become more limited as we only have two floats that will fit through this size hole.

