

Why does the fuel go half way into my primer bulb and then go back out?

The check valve may be stuck. Tap the bulb to see if that resolves the issue. If not, please return it for a replacement to the store it was purchased from.

Should I use any sealant on my threads:

You can use Slic-Tite or teflon tape that is E10 compliant.

Sending Units & Gauges FAQ's**What is the ohm range for the sending units and fuel gauges?**

Our sending units and gauges operate with the industry standard 33 ohms (full) to 240 ohms (empty).

Will my gauge work with your sending unit?

Most analog gauges work with our selection of sending units. Please consult the manufacturer of the gauge you have or want to use to see if it operates between 33 to 240 ohms.

What is the proper orientation of the sending unit?

The sending unit bolt-hole pattern is offset slightly to ensure that the sending unit only fits in the desired orientation. The bolt hole pattern can change with different tank models/manufacturers. Take the screws and gasket off of the new sending unit. Place the gasket on the tank, rotate it until the holes line up, and mark the edge of your gasket. Place the gasket and screws back on the sending unit, matching up the gasket holes with the sender holes. Attach the sending unit to the tank, tightening your screws down in a star pattern. This ensures the proper seal for your sending unit. Moeller offers a 5 hole SAE pattern (SAE J1810).

My gauge stopped working. How can I tell if it is a faulty gauge or sending unit?

Check the wiring for any loose connections. Ohm test your sending unit. If the sending unit tests good, then your gauge may be defective and need to be returned to the place of purchase.

How do I test my dash mounted electrical fuel gauge?

To test your gauge, turn the power off and the gauge should read below empty. Disconnect the sending unit wire from the gauge. Apply power to the gauge. To do a quick test, use a jumper wire and momentarily connect the sender terminal on the gauge to the ground. The needle on the gauge should go past the full mark. If the gauge passes these steps, the gauge should be operating correctly.

Are Moeller sending units compatible with diesel?

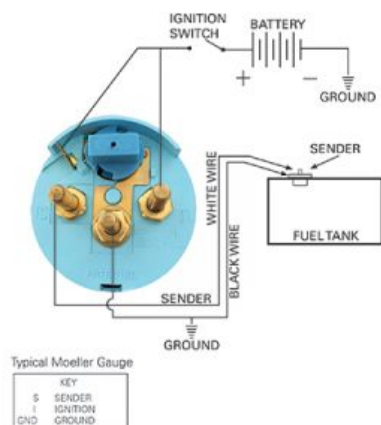
Yes

What hole size is required for the fuel gauge and sending unit?

2" diameter hole for the fuel gauge and 1 1/2" hole for the sending unit.

How do I wire a sending unit?

See gauge and sending unit wiring diagram below

**How do I actually cut and adjust the swing arm sending unit?**

Please follow the instruction sheet closely that is enclosed with the product.

What gauge wire do I use for sending unit / gauge installation?

16-18 gauge

Which sending unit can I use in my fresh water/waste tank?

We do not carry FDA approved sending units for fresh water. Any sending unit can be used in a waste water tank. Wema USA (www.wemausa.com) offers fresh water sending units direct.

Is my Moeller sending unit / gauge compatible with other brands?

Yes, please verify that the Ohm range is correct.

What kind of sealant do I use for replacement sending units?

No sealant is required. If you choose to use a sealant, please be sure it is E10 compliant.

If I have a mechanical sending unit, can I use an electrical gauge?

Yes, you would need to use our conversion capsule (PN 035760-10).

My sending unit reads full when the tank is empty and empty with the tank is full.**What do I do?**

Check the wiring. If the unit is wired correctly, check the unit with an OHM's gauge. If the sending unit checks out, have the gauge tested.

What is the difference between mechanical and electrical sending units?

Mechanical sending units are controlled with gears and have a gauge on top of the unit.

Electrical sending units are generally reed switch or resistor style typically used with an electrical dash mounted gauge.

How many volts go to an electrical sending unit?

None, 12 volts would go to the sending unit gauge.

The electrical sending units work off of resistance.

Diesel FAQ's

Are your plastic tanks suitable for use with diesel fuel?

Yes, our tanks can be used in diesel applications. Please check the specific model to see if it has a built-in return line fitting that is required for diesel applications. We offer a universal sending unit with an integrated diesel return (PN 035789-10) to retro fit a standard tank for diesel use.

Can I use your Water Separating Fuel filter with diesel fuel?

No, our water separating filters are not recommended for use with diesel fuel.

Do I need a special sending unit for diesel fuel?

If your tank already has a separate return line, then any of our fuel sending units will work. If your tank doesn't have a separate return line, you would need to replace your current sending unit with our universal sending unit (PN 035724-10 or 035789-10) that has an integrated diesel return.

PRODUCT INQUIRIES

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RESOURCES

- [Where to Buy](#)
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GET IN TOUCH

At Moeller, we are committed to providing innovative products that meet and exceed all marine industry regulation. We would be happy to discuss any of your requirements and any questions you may have. Contact us today.

CUSTOMER SUPPORT

Please visit our customer support wizard to get started.