

Fuel Gauge/Sender Trouble Shooting

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2691-5355/56

2694-5355/56

2697

1605

#@\$!*@#\$\$% INSTRUCTIONS

MID FIFTY F-100 PARTS 1-800-252-1956

- Check your grounds.** Improper grounding at both the gauge and the sending unit is the most common snag customers run into during installation. Remember paint doesn't ground. you need a clean, bare metal surface for grounding.
- Check your Ohms.** Using a multi-meter test the ohms range on your sending unit. Ohms ranges differ from unit to unit. The ohms range for your gauge, must match your sending unit. See the below chart for appropriate ranges. Note original gauges will not work with reproduction sending units and vice versa.
- Check your gauge terminals.** Terminals have changed a little over the years. See the below terminal diagram. If your gauge doesn't work the way you have it hooked up, try swapping the Power & Sender terminals.
- Test the gauge.** Ground out the sender terminal on the back of the gauge. Do this by applying power to the **B** post and ground the **S** post. If the needle pegs, then the gauge is good
- Check the needle.** Sometimes if your needle doesn't move, its just pressed up against the gauge face a little too much. All you need to do is gently lift it away from the face.
- Check your connections.** Make sure that the wires connected to the back of the gauge aren't touching each other or Any other part of the dash assembly. This could cause the gauge to ground out and the needle will peg full.
- Check your float.** Recently we have discovered that some of our gas floats will not, ironically enough, float in gas. They will float in water, though. If your gauge and sender read correctly when bench testing, but the needle will not move off of empty when in the tank, this may be the problem. Call us for replacement floats, if necessary.

Terminals



Back of gauge



Old Style

Ohms Chart

Our Part Number	Ohms Range	Gauge Application
1608-90	0 Empty-90 Full	GM
1608-180	0 Empty- 180 Full	VDO (some VDO are 204-33)
2697	240 Empty- 33 Full	Our reproduction gauges, Stewart warner, Autometer, Motorsport, & some VDO
1605	78 Empty-10 Full	Ford Original, Datcon
6V-1603	140 Empty- 14 Full	6 volt 53-55