

5643258-G Gauge Test Instructions

Tools:

- 12V+ DC power source
- 4 wires (ideally clip leads)
- Potentiometer/resistors/decade-box to simulate sender output at various tank positions
- Ohm Meter (optional, to verify resistance if using potentiometer or resistors)

Setup Instructions:

- 1) Connect the Ground wire to the exposed metal plate at the position shown in the picture. Be careful so on the circuit board side the clip or lead only touches the solder bead connected to the exposed metal plate over the top of the gauge.
- 2) Connect one end of the output of the signal wire to the rear terminal on the passenger side (straight side of the dial face) and the other end to the equipment simulating the fuel lever sender.
- 3) Connect the other signal wire to the input of the fuel level sender simulating equipment and to the ground wire.
- 4) Prepare to connect the 12V+ signal to the rear terminal on the driver's side (curved side of the dial face) of the gauge taking care not to contact the exposed ground plate on the rear of the gauge or allow any nuts or washers present to do so either when you do so. Please do not connect or turn on the power source until ready to test.

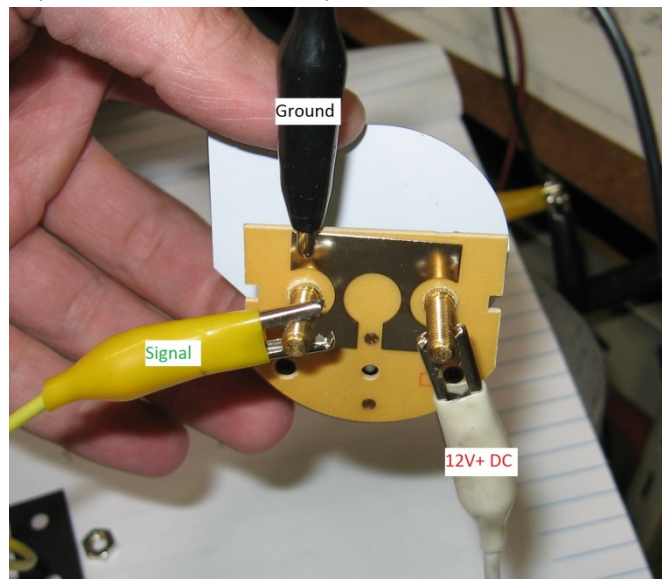


Figure 1 Correct wiring setup

Test Instructions:

- 1) Note the resistance value ($0\Omega=E$, $15\Omega=\frac{1}{2}$, $30\Omega=F$) of the fuel sender equipment. Confirm with the Ohm Meter if necessary.
- 2) Turn on or connect the power source to the terminal indicated in the picture above.
- 3) Check the Gauge position against the resistance value noted in Test Instructions
- 4) Disconnect or deactivate the 12V+ DC power source after each test to prevent accidental circuit shorts which could damage the unit if unintentional contact between wiring occurs.

