

Installation Instructions for 41482, 41508, 41509, 41514

Fuel Level Gauge

LED Bargraph

Always disconnect the battery before attempting any electrical work on your vehicle.

WIRING INSTRUCTIONS

Note: Automotive circuit connectors are the preferred method of connecting wires. However, you may solder if you prefer.

This Digital LED Fuel Level Gauge is compatible with any vehicle that as a fuel sender operating within the ranges listed in the following table.

Model	Resistance	Wire(s) to cut
	73 to 10 OHM	NONE
GM	0 to 90 OHM	Blue
VDO	10 to 180 OHM	Blue & Orange
Universal	240 to 33 OHM	Orange

Ground - Black Connect directly to an engine ground such as the engine block. For the most accurate readings, connect to the same ground that the sending unit is attached to.

Power - Red Connect to a switched +12V source such as the ignition switch.

Note: The device will NOT function properly without a steady +12V source. For best results use a multimeter to test the power source.

Dimmer - Purple Connect to the parking lights to dim the LEDs 50% when the headlights are on. However, **do not** connect to the headlight rheostat control wire; the dimming feature will not work properly. Otherwise, connect to ground for permanent 100% brightness.

Pressure - Yellow Connect to the output of the sending unit.



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