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INSTALLATION GUIDE

LED Fuel Level Gauge

Part Number: M9016

*** 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.

<u>Model</u>	<u>Resistance</u>	<u>Wire(s) to cut</u>
Ford/Chrysler	10 to 73 OHM	NONE
GM	0 to 90 OHM	Blue
VDO	10 to 180 OHM	Blue & Orange
Universal	33 to 240 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.