

## **Installation Instructions for 41486**

### **Oil Pressure Gauge**

**LED Bargraph w/ Pressure Sending Unit**

\* 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.*

#### **Oil Pressure Gauge**

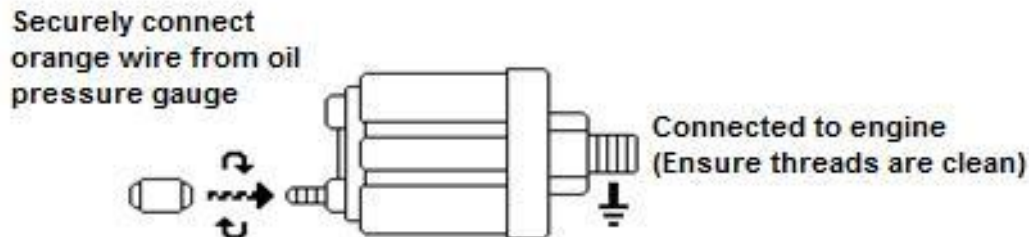
**Ground - Black** Connect directly to an engine ground such as the engine block. For the most accurate readings, connect to the same ground as that to which the sending unit is attached.

**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. Do not connect to the headlight rheostat control wire as the dimming feature will not work properly. Otherwise, connect to ground for permanent 100% brightness.

**Pressure - Orange** Connect to the output of the pressure sending unit.



**Make sure** that the connection between the oil pressure sensor and the engine is clean and **does not** have thread tape or any other sealants on the threads. This provides a stable ground for the sensor and will not function if it is inhibited.

**Make sure** to test all fittings and connections for leaks. If any leaks are detected, determine the cause and repair immediately.

**WARNING!** *Do not operate the vehicle if any leaks are detected!*

**Note:** *The gauge mounts into a 2-1/16" hole. Use the supplied brackets and nuts to secure gauge to the dash. The sender features a 1/8" NPT male fitting and should be automatically grounded when connected to the engine block.*