



Thank you for purchasing this instrument from Intellitronix. We value our customers!

INSTALLATION GUIDE
LED Bargraph Oil Pressure Gauge
Part Number: BG9114

BG9114 includes the Intellitronix pressure sending unit S8434.

*** 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.

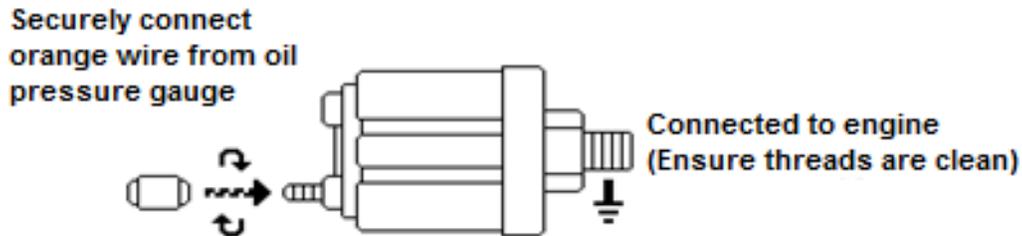
*Power - **Red*** Connect to a switched +12V source such as the ignition switch.

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.

PRESSURE SENDING UNIT



Make sure that the connection between the oil pressure sensor and the engine is clean and **does not** have Teflon 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.*

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Made in America

Lifetime Guarantee



Technical Support

Monday – Friday

9am to 5 pm EST

(440) 210-7646

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This product carries a limited Lifetime Warranty.

This warranty is limited to replacement or repair of the unit at the discretion of Intellitronix.