30-4406 BOOST PRESSURE GAUGE QUICK START GUIDE

DIGITAL DISPLAY GAUGE

The AEM Digital Display Gauges are designed for easy installation and usability. The 30-4406 Boost Pressure Gauge kit comes with all the necessary components to install and use the gauge. Follow the instructions printed in this quick start sheet to install your gauge and start using it as soon as possible. Visit the "AEM Gauges" section of the AEM electronics forum for more information on the advanced features of this gauge. The forums can be accessed by clicking on the "FORUMS" link on the AEM home page, www.aempower.com.

Gauge Configuration: The gauge bezels are threaded on to the gauge cup. Rotate the bezel in a counter-clockwise direction to remove it from the cup. Once removed, the faceplate can be changed and/or a different bezel can be installed.

Electrical Connection: In order to use the gauge, only the red and black wires need to be connected. The white and blue wires do not need to be connected. Connect the red wire to switched +12V. Connect the black wire to a known good ground. Plug the connector on the harness into the mating connector on the sensor. See the connection diagram below.

The **30-4406** Kit Contains:

- (1) Pressure Gauge assembly
- (1) Pressure Sensor
- (1) Pressure Cable
- (4) Butt Connector
- (1) Silver Bezel
- (1) White Boost Pressure Faceplate
- (1) Instructions

Sensor Installation: The AEM pressure sensor has 1/8"NPT external threads. Install the sensor into a bung with mating threads. ***Equation***: PSIA=12.5*(volts)-6.25* scale: .5v-4.5v = 0-50psia

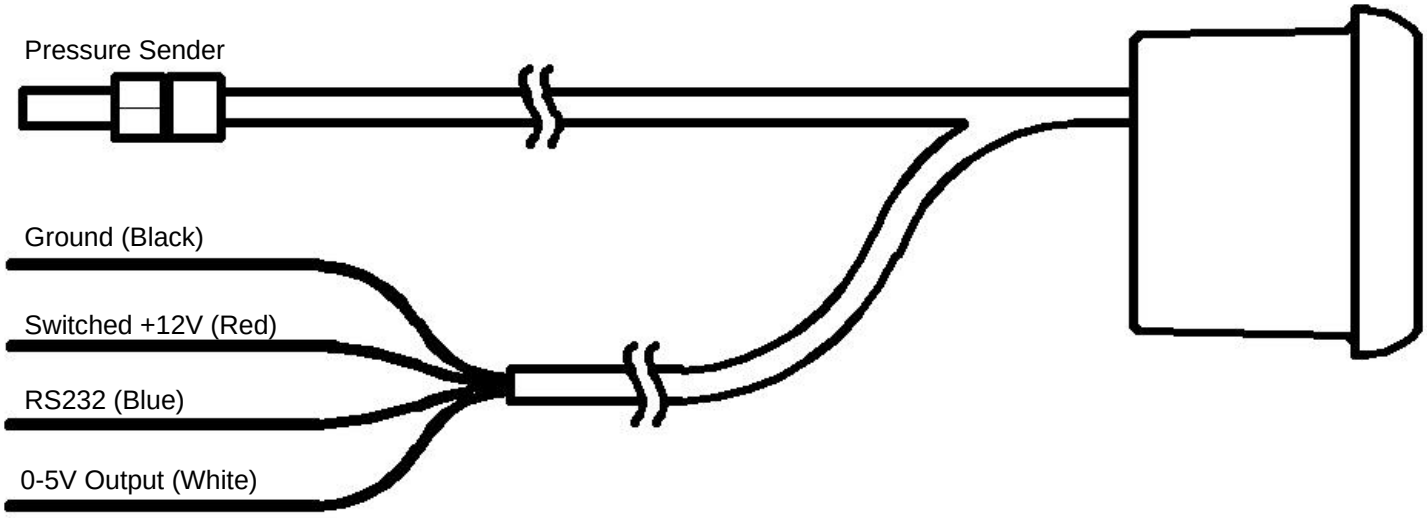

Figure 1. Connection Diagram

ADVANCED ENGINE MANAGEMENT INC.
This product is legal in California for racing vehicles only and should never be used on public highways.
Advanced Engine Management, 2205 126th Street Unit A Hawthorne, CA. 90250, Phone: (310) 484-2322 Fax: (310) 484-0152
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