200 PSI Single Digital Air Pressure Guage
INSTALLATION INSTRUCTIONS
200 PSI Single Digital Air Pressure Gauge

Wire Color Code

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>12v Ignition Source (+) (switched)</td>
</tr>
<tr>
<td>Black</td>
<td>Vehicle Ground (-)</td>
</tr>
<tr>
<td>Orange</td>
<td>12v Switched Headlamp Source (+) (optional)</td>
</tr>
<tr>
<td>Green</td>
<td>To G Post on 1/8NPT Air Pressure Sensor (#1-Top)</td>
</tr>
<tr>
<td>White/Green</td>
<td>To M Post on 1/8NPT Air Pressure Sensor (#1-Top)</td>
</tr>
</tbody>
</table>

1 Disconnect the vehicle’s negative battery cable.

Pressure Sensor Installation
2 Install the included sensors to the sources that you are monitoring.
   • Note: Each sensor features 1/8" NPT threads. A thread adapter may be required when installing each sensor to your air pressure source.
   • Note: Be sure to use blue Loctite threadlocker on all the sensor threads.

3 Sensor 1 Connection: Using automotive grade wiring (18 gauge): connect the green wire on the back of the gauge to the G post on the sensor, and connect the white/green wire to the M post of the sensor.

Connecting the Power Harness
4 To make the wiring of your gauges easier you can purchase an expandable circuit. This component easily fits into your fuse panel and provides an additional fused power wire for accessories such as gauges.

5 Using automotive grade wiring (18 gauge): connect the red wire to a positive 12 volt ignition (switched) source. It may be connected to the fuse panel, an accessory wire, or any positive 12 volt source that turns on and off with the ignition.

6 Using automotive grade wiring (18 gauge): connect the red wire to a positive 12 volt ignition (switched) source. It may be connected to the fuse panel, an accessory wire, or any positive 12 volt source that turns on and off with the ignition.

7 Using automotive grade wiring (18 gauge): connect the black wire to any good (unpainted) ground connection. You may also route a wire directly to the negative side of the vehicle’s battery.

8 The Night Time Dimming feature decreases the brightness of the gauge face by 30%. Connect the orange wire to the 12 volt positive headlamp source. This allows the mode to be activated when the headlights come on. This step is optional and will not affect operation of the gauge if it is omitted.
   • Note: Do not connect the orange wire to a dimmer wheel. This will cause the gauge lighting to flicker.

9 Reconnect the vehicle’s negative battery cable.
   • Be sure all of your wiring is correct to ensure proper gauge operation.