



PERFORMANCE GAUGES & PODS

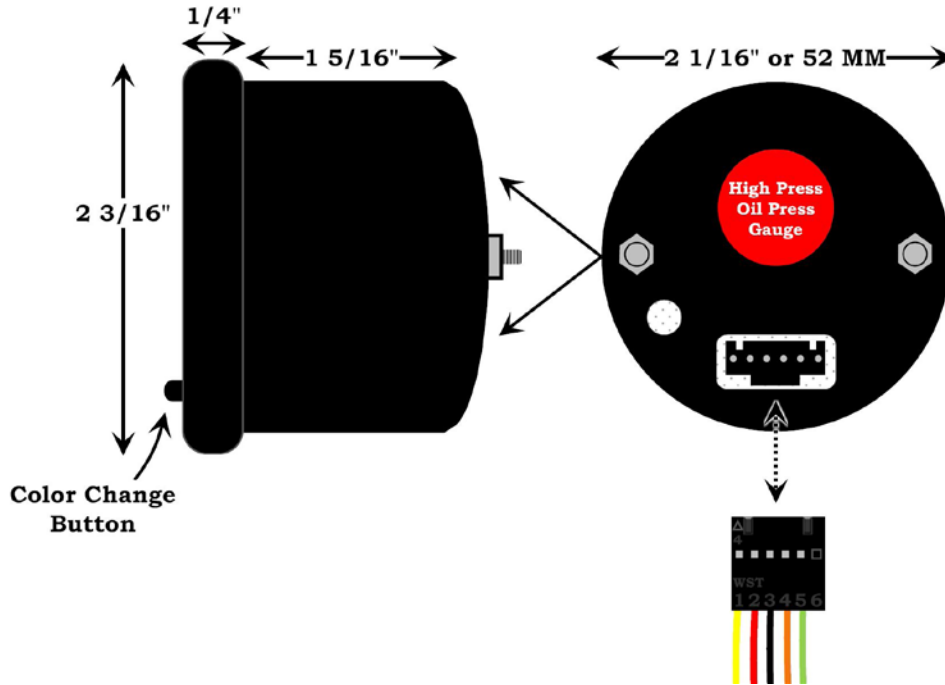
# INSTALLATION INSTRUCTIONS

Tech Support  
856-768-8300 EXT 2

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## 7 Color Series High Pressure Oil Pressure Gauge

For Product Numbers: GS-C721, GS-T721, and GS-W721



Wire Color Code	
<b>Yellow:</b> 12v Constant Source (+) ( <b>un-switched</b> )	<b>Orange:</b> 12v Switched Headlamp Source (+) ( <b>optional</b> )
<b>Red:</b> 12v Ignition Source (+) ( <b>switched</b> )	<b>Green:</b> Connects to the Factory High Pressure Oil Pressure Sensor Wire
<b>Black:</b> Vehicle Ground (-)	

1. Disconnect the vehicle's negative battery cable.

### Connecting the Power Wire Harness

2. Connect the green wire to your factory Injector Control Pressure Sensor or (ICP Sensor). Please consult your repair manual for the exact location of this sensor. Consult the chart below for the color of your vehicle's factory sensor wire.

- **Note:** Make sure this wire is not pinched when running it through the firewall; the use of a rubber grommet is required.

Vehicle	Sensor Wire Color
Ford 1994-1996 Powerstroke 7.3L	Dark Blue/Lt Green
Ford 1997 Powerstroke 7.3L	Lt Blue/Red
Ford 1999-2003 Powerstroke 7.3L	Dark Blue/Lt Green
Ford 2003-2007 Powerstroke 6.0L	Dark Blue/Lt Green

3. 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. The expandable circuit is available for purchase at [www.GlowShift.com](http://www.GlowShift.com).

4. Using automotive grade wiring (18 gauge); connect the **yellow wire** to a positive 12 volt **constant (un-switched)** source either on the vehicle or in the fuse box.

- **Note:** If you are connecting the yellow wire directly to the battery, you **MUST** install a 3 amp fuse within 6-8 inches of the battery connection.

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 **black wire** to any good (unpainted) ground connection. You may also route a wire directly to the negative side of the vehicle's battery.

7. 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.

8. Reconnect the vehicle's negative battery cable.

- If your gauge(s) do not illuminate or do not recall your last saved color, your switched and un-switched sources are reversed.
- If your gauge(s) only illuminate red then the yellow wire for constant source is not connected properly.
- Be sure all of your wiring is correct to ensure proper gauge operation.



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### *Additional Installation Information & Material Requirements*

- **GlowShift Gauges Approved Conductor Wires:** Successfully installing GlowShift Gauges may require lengths of wire (sizes and quantity depend on vehicle, gauge type, gauge location and / or sensor location). For correct and proper GlowShift Gauge installation and operation, the use of 18 Gauge (wire diameter) automotive grade conductor wire with sheathing is recommended for one or more gauges per vehicle. When installing and routing wires from the engine compartment, to inside the vehicle cabin, always employ the use of a rubber grommet. This will prevent and deter the stripping of power supply and / or sensor wires that is necessary to deliver vital statistics about your engine to your GlowShift engine monitoring instruments. Never use wire nuts to fasten or bound vehicle / gauge or sensor wiring. Always use securing crimp connectors or solder individual wire junctions together for optimum gauge installation and operation.
- **GlowShift Gauges Approved Installation Accessories:** GlowShift Gauges may require the installer or user to provide additional products, accessories or adapters for the correct installation and operation of a gauge or sensor, as per the GlowShift Installation Instructions. When installing and routing hoses to or from the engine compartment, to inside the vehicle cabin, always employ the use of a rubber grommet. This will prevent and deter the stretching or pinching of hoses that is necessary to deliver vital statistics about your engine to your GlowShift engine monitoring instruments.
- **GlowShift Gauges Installation Instructions:** Installation documents are solely to provide a guide for individuals that are mechanically and electronically able to install products. If you are unsure about the correct procedure of installation for a product or device, you should consult a licensed professional.