

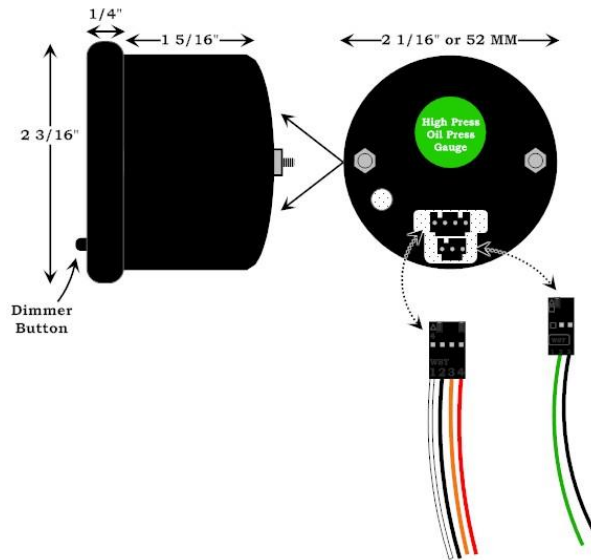


Technical Support
1.877.7MaxTow
TechSupport@MaxTow.com
Mon thru Fri 9am to 6pm EST



High Pressure Oil Pressure Gauge

For Product Numbers: MT-DV21, MT-WDV21, MT-BDV21, MT-WBDV21



Wire Color Code			
Red:	12v Constant Source (+) (un-switched)	Orange:	12v Switched Headlamp Source (+)
White:	12v Ignition Source (+) (switched)	Green	Connects to the Factory ICP Sensor Wire (See
		Sensor Wire:	Chart Below)
Black:	Vehicle Ground (-)	Black	Connects to Gray/Red Ground Wire at ICP Sensor
		Sensor Wire:	Wire

1. Disconnect the vehicle's negative battery cable.

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. Connect the **black wire sensor** to Gray/Red Strip Wire at ICP Sensor.

- **Note:** Make sure this wire is not pinched when running it through the firewall and the use of a rubber grommet is required.
- MaxTow Performance also offers an HPOP wiring harness that easily allows you to install the HPOP gauge without having to cut and splice the signal wires on the ICP sensor. This wiring harness is compatible with the 1999-2007 Ford Power Stroke 7.3L and the 6.0L. This wiring harness is available for purchase at www.MaxTow.com.

Vehicle	Sensor Wire Color
Ford 1994-1996 Power Stroke 7.3L	Dark Blue/Light Green
Ford 1997 Power Stroke 7.3L	Light Blue/Red
Ford 1999-2003 Power Stroke 7.3L	Dark Blue/Light Green
Ford 2003-2007 Power Stroke 6.0L	Dark Blue/Light 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.MaxTow.com.

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

- **Note:** If you are connecting the red 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 **white 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 Nighttime Dimming features allow the gauge to be set to several different daytime and nighttime brightness levels using the button on the gauge face. Connect the **orange wire** to the 12 volt positive headlamp source. 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.



Technical Support
1.877.7MaxTow
TechSupport@MaxTow.com
Mon thru Fri 9am to 6pm EST



Selectable Brightness Levels:

The Double Vision Gauge Series features 3 selectable brightness settings for both day and night lighting modes. Below are the instructions on how to program each lighting mode.

Day Mode

- Press and hold the button located on the gauge face until a d1 appears in the digital display.
- Press the button again to cycle through the 3 dimming modes.
- Once you have selected your desired setting release the button and the gauge will save your selection.

Night Mode

- This mode is only available if the orange dimmer wire is connected and your headlights are powered.
- Press and hold the button located on the gauge face until an n1 appears in the digital display.
- Press the button again to cycle through the 3 dimming modes.
- Once you have selected your desired setting release the button and the gauge will save your selection.

Additional Installation Information & Material Requirements

- **MaxTow Performance Approved Conductor Wires:** Successfully installing MaxTow Performance may require lengths of wire (sizes and quantity depend on vehicle, gauge type, gauge location and / or sensor location). For correct and proper MaxTow 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 MaxTow 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.
- **MaxTow Performance Approved Installation Accessories:** MaxTow Performance 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 MaxTow 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 MaxTow engine monitoring instruments.
- **MaxTow Performance 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.