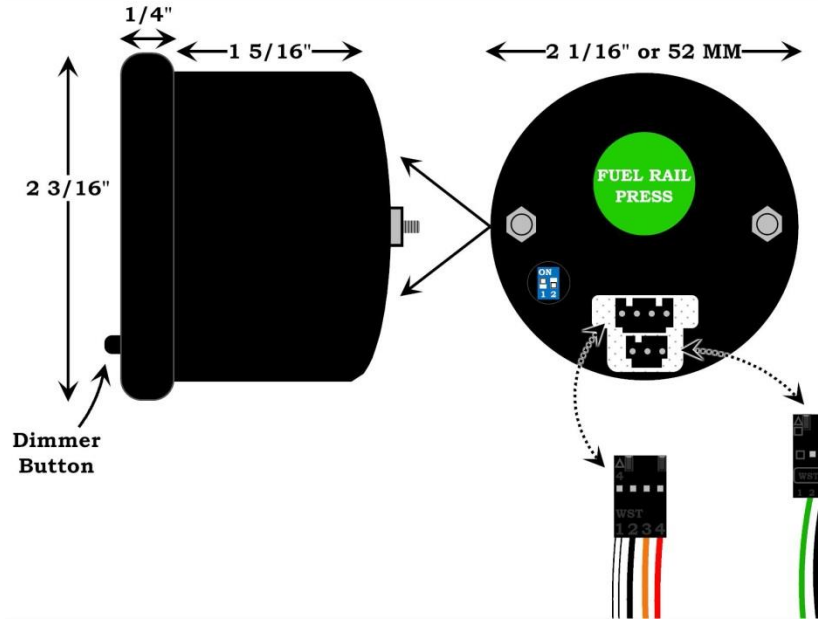


30,000 PSI Fuel Rail Pressure Gauge

For Product Numbers: MT-DV19, MT-WDV19, MT-BDV19, MT-WBDV19



Wire Color Code			
Red:	12v Constant Source (+) (un-switched)	Orange:	12v Switched Headlamp Source (+) (optional)
White:	12v Ignition Source (+) (switched)	Green:	Connects to the Factory Rail Pressure Sensor Wire
Black:	Vehicle Ground (-)	Black:	Vehicle Ground (-)

1. Disconnect the vehicle's negative battery cable.

Connecting the Power Wire Harness

2. Connect the green wire to your factory rail PSI sensor signal wire. This sensor is usually located on the common rail towards the firewall, but 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
03 Dodge 5.9 Cummins Engine	Pink/Black
04-08 Dodge 5.9 and 6.7 Cummins Engine	Brown/Yellow
02-08 GM 6.6 Duramax Engine	Yellow
06 GM 6.6 Duramax Engine	Orange/Back

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.

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.

- **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 **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 both **black wires** 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.



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



Be sure the pins on the back of the gauge are correctly configured for your vehicle's engine by following the table below.

- **Note:** The 8th position in the VIN number is the Engine Code

03-07 Dodge Ram with the 5.9 Cummins

99-Mid 04 Chevy/GMC Duramax

- LB7 Vin Code 1

Both 1 and 2 Switches in the Up Position

Mid 04-05 Chevy/GMC Duramax

- LLY Vin Code 2

07.5-2010 Dodge Ram with the 6.7 Cummins

06-07Chevy/GMC Duramax

- LBZ Vin Code D

Both 1 and 2 Switches in the Down Position

07-11Chevy/GMC Duramax

- LMM Vin Code 6

Selectable Brightness Levels:

The Double Vision Gauge Series features 3 selectable brightness settings for both day and night time 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 a 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

- **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.