



## Mechanical Pressure/Boost/Vacuum

Tech Support 1-800-265-1818  
<http://usa.vdo.com>

Installation Sheet #0 515 012 116

Rev 06-2011

### Gauge Installation:

1. Insert the bulb into the lamp socket. Snap the socket into the socket hole on the back of the gauge.
2. Select the desired mounting location of the instrument.
3. Select the location where you will mount the gauge and mark a center point and cut a 2 1/6" hole (52mm).
4. Mount the gauge and secure with the included mounting bracket and nuts. Tighten the nuts until hand tight only. **DO NOT OVER TIGHTEN!**

(See page 2 for mounting options and instructions)

### Hookup & Wiring the Gauge (Illustration A):

1. Route the tube from the gauge to the engine. **DO NOT CRIMP** the tubing closed during routing. A rubber grommet (not included) is recommended around the tubing where it passes through the firewall.
2. Attach one end of the tubing to the gauge using a 1/8" adapter, ferrule and sealing nut (Diagram B,C)
3. Attach the other end of the tubing to the engine. For pressure gauges, use a 1/8" adapter, a ferrule and a sealing nut. *Do not over tighten the sealing nut or you will damage the tubing.* (Diagram C) For vacuum gauges, cut the original manifold vacuum line and attach each end to the T-fitting. Attach the remaining end of the T-fitting to the 1/8" rubber connector and tubing as shown (Diagram D).
4. Run a wire from one terminal on the gauge lamp socket to the lighting circuit (+12V source, such as a light switch). See Diagram (E)
5. Run a wire from the other lamp socket terminal to a good ground (such as the chassis).

Merchandise warranted against defects in factory workmanship and materials for a period of 24 months after purchase. This warranty applies to the first retail purchaser and covers only those products exposed to normal use or service. Provisions of this warranty shall not apply to a VDO product used for a purpose for which it is not designed, or which has been altered in any way that would be detrimental to the performance or life of the product, or misapplication, misuse, negligence or accident. On any VDO part or VDO product found to be defective after examination by manufacturer, manufacturer will only repair or replace the merchandise through the original selling dealer. Manufacturer assumes no responsibility for diagnosis, removal and/or installation labor, loss of vehicle use, loss of time, inconvenience or any other consequential expenses. The warranties herein are in lieu of any other expressed or implied warranties, including any implied warranty of merchantability of fitness, and any other obligation on the part of manufacturer, or selling dealer.

(NOTE: This is a "Limited Warranty" as defined by the Magnuson-Moss Warranty Act of 1975.)

Read these instructions thoroughly before installation. Do not deviate from assembly or wiring diagram. Always disconnect battery ground before making any electrical connections.

**IMPORTANT:** Mounting dimensions vary for different gauges. Please be certain to follow the instructions for your specific gauge.

### Parts List

#### Common Parts

- (1) Pressure or Vacuum/Boost Gauge
- (1) Lamp socket
- (1) Light Bulb
- (1) VDO Mounting bracket
- (1) Installation instructions

#### Oil Pressure Gauge and Tubing Kits: Additional Parts

6' Nylon or Copper Tubing Kit

- (2) Seating Nuts
- (2) 1/8" Tubing Ferrules
- (1) 1/8 Female Tube Bushing

(1) 1/8 Male Tube Bushing

#### Vacuum/Boost Gauge and Tubing Kits: Additional Parts

6' Nylon Tubing kit

- (2) Seating Nuts
- (2) 1/8" Tubing Ferrules (1 will be unused)

(1) 1/8 Female Tube Bushing (1 will be unused)

(1) 1/8 Male Tube Bushing

(1) Plastic Tee

(1) Rubber Tube Connector

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