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CAUTION: Read these instructions thoroughly before making installation. Do not deviate from assembly or wiring instructions. Always disconnect battery ground before making any electrical connections. If in doubt, please contact your dealer or Continental at 1-800-265-1818.

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

Gauge Installation:

1. Disconnect battery.
2. Cut 3-3/8" hole in a suitable position in dash. Make sure rear of instrument has sufficient clearance from existing equipment and wiring.

3. Check engine manual for position of tachometer take-off.

4. Mount sander using proper drive key (two sizes provided). Be certain key is lined up with slow in sending unit before tightening connection nut.

5. Tachometer signal is provided by connecting terminal marked "W/S/1" on tachometer to A/C terminal on alternator, marked "A/C", "R", or "W".

6. If no such terminal exists, it can be retrofitted by an alternator service shop.

7. Tachometer signal is provided by connecting terminal marked "W/S/1" on tachometer to terminal ignition coil marked "1" or "-".

NOTE: This terminal will be occupied by wire to distributor. **DO NOT REMOVE!**

[text continues at # 2] →

CAUTION!!!

These instructions contain information about gauges of different sizes. **You must determine the size of your gauge before cutting any holes!**

Tools and Materials Needed For Installation:

16 Gauge stranded, insulated wire
Non-insulated 1/4" spade connectors
2 1/16" or 2 5/8" hole saw
Drill and drill bit set
Half-round file
Tape measure or ruler
Small tools: wrench or nut driver, utility knife, pliers, etc.
Various engine adapters

Parts List

<u>Item</u>	<u>Description</u>	<u>Quantity</u>
1.	Temperature, Pressure or Fuel Gauge (2 1/16" [52mm] diameter)	1
	Temperature, Pressure or Fuel Gauge (2 5/8" [66mm] diameter)	1
2.	Lamp Socket (Push in, wedge-type)	1
3.	Light Bulb (12-volt / G.E. #158 or equivalent)	1
4.	VDO Spin-Lok™ Clamp or mounting bracket	1
5.	Installation Instructions	1

Limited Warranty

Continental warrants all merchandise 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 part or product found to be defective after examination by Continental, Continental will only repair or replace the merchandise through the original selling dealer. Continental 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 Continental, or selling dealer.

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

<http://www.continental-corporation.com>

Phone: 1-800-265-1818

Continental 


Diesel Engine Tachometer Kit

Installation Instructions

Instruction Sheet #0 511 011 135

Rev. 04/09

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8. Adjust cylinder selector  to proper number of cylinders.

c) a good, dedicated ground location (i.e., where the negative (-) battery pole is connected to the chassis of the vehicle); and

d) from the instrument sender terminal to the terminal on the sending unit.

2. Connect the appropriate positive (+), ground (negative [-]), and signal wires to the gauge and gauge lamp socket as shown in Diagram D or E.

3. If you are using a VDO sender with a built-in warning contact terminal, run a wire (min. 16-gauge, stranded) from the sender terminal marked "WK" to one terminal on the warning light. (Diagram B)

Run another wire from the other warning light terminal to a switched ignition source.

NOTE: Do not use teflon tape on the sender threads which act as an electrical ground source for the unit.

Water temperature senders work best if they are installed near the thermostat housing. Oil temperature senders can be used to replace the manufacturer's oil pan drain plug. The oil pressure sender is installed in the same location as the factory sender or warning light switch.

Remember: These gauges measure ohm resistance which is created by the sender. The ohm range of the sender and gauge MUST MATCH or the gauge will not be accurate. VDO sells many gauges which work with other manufacturer's senders; but you must know the correct send ohm range before you buy any of these gauges.