If in doubt, please contact your dealer or VDO Instruments at (540) 665-2428.

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.

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Sender Installation:
Mount the sender vertically in the deepest part of the tank, as shown in Diagram D. You will need to cut a 2¾" hole.

Wiring the Fuel Gauge:
1. Run wires from the adjustable fuel gauge location to:
   a) +12 volt power terminal

3. After wiring gauge/sender, calibrate them (Diagram E). With the tank empty, use the calibration screw to move the pointer to “E.” When the pointer rests on “E” with the tank empty, the gauge and sender are calibrated and ready for use, and the gauge can be mounted.

Parts List
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Adjustable Fuel Gauge</td>
<td>1</td>
</tr>
<tr>
<td>and/or</td>
<td>Tube-Type Fuel Sender</td>
<td>1</td>
</tr>
<tr>
<td>2.</td>
<td>Lamp Socket (Push in, wedge-type)</td>
<td>1</td>
</tr>
<tr>
<td>3.</td>
<td>Light Bulb (12-volt / G.E. #158 or equivalent)</td>
<td>1</td>
</tr>
<tr>
<td>4.</td>
<td>VDO Spin-Lok™ Clamp or Mounting Bracket</td>
<td>1</td>
</tr>
<tr>
<td>5.</td>
<td>Installation Instructions</td>
<td>1</td>
</tr>
</tbody>
</table>

Tools and Materials Needed For Installation:
16 Gauge stranded, insulated wire
Non-insulated ¼" spade connectors
2¾" hole saw
Drill and drill bit set
Half-round file
Tape measure or ruler
Small tools: wrench or nut driver, utility knife, pliers, etc.

Diagram E
Calibrating gauge with the sender is necessary for accurate operation.
Fuel Gauge Installation:

1. Select the location where you will mount the gauge, and mark a center point.
2. Cut a 2¾" (52 mm) hole. Be sure to cut the hole exactly. If the gauge is too snug, use a file to slightly enlarge the opening. (Diagram A)
3. Secure the gauge in place either with the U-shaped mounting bracket or the VDO Spin-Lok™ Mounting Clamp (whichever came with your gauge). The VDO Spin-Lok™ Mounting Clamp direction depends on the thickness of the panel (Diagram B). Tighten the clamp until the fuel gauge can no longer be rotated by hand. **DO NOT OVERTIGHTEN.**

At this point, the installation, wiring and calibration of your new VDO Gauge and/or Sender is complete. Turn on the ignition and lights and check to see that the instrument and light work properly. If they don't, re-check your wiring and your calibration.