7 Color Series Fuel Level Gauge
For Product Numbers: GS-T715, GS-C715, GS-W715

1. Disconnect the vehicle’s negative battery cable.

Connecting the Power Wire Harness
2. 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.

3. Using automotive grade wiring (18 gauge); connect the yellow 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.

4. Using automotive grade wiring (18 gauge); connect the red 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.

5. 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.

6. 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.

7. Run the green sensor wire from the back of the gauge through the firewall to the vehicle’s fuel level sensor.
   * Note: Be sure to use a grommet when routing the wires through the firewall to protect them from stripping and damage.

8. Use the Fuel Level Sensor Sensitivity Switch on the back of the gauge to set the correct ohm (Ω) value scale to match the rating of the vehicle’s fuel level sensor. Use the chart below to reference the correct setting that applies closest to the values of your sensor. Please verify settings with a repair manual or a dealer before installation.
   - If you need to change the ohm selection, you must remove power from the gauge, make your selection, and then reapply power to the gauge for proper calibration.
   - Be sure that your factory fuel level sensor is properly grounded. You may have to add a secondary ground to ensure it is properly grounded.

<table>
<thead>
<tr>
<th>“Empty” Ohm Value</th>
<th>“Full” Ohm Value</th>
<th>Switch #</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>0</td>
</tr>
<tr>
<td>73 Ω</td>
<td>10 Ω</td>
<td>1</td>
</tr>
<tr>
<td>16 Ω</td>
<td>158 Ω</td>
<td>2</td>
</tr>
<tr>
<td>0 Ω</td>
<td>30 Ω</td>
<td>3</td>
</tr>
<tr>
<td>0 Ω</td>
<td>90 Ω</td>
<td>4</td>
</tr>
<tr>
<td>240 Ω</td>
<td>33 Ω</td>
<td>5</td>
</tr>
<tr>
<td>107.5 Ω</td>
<td>7 Ω</td>
<td>6</td>
</tr>
<tr>
<td>131 Ω</td>
<td>12 Ω</td>
<td>7</td>
</tr>
<tr>
<td>0 Ω</td>
<td>120 Ω</td>
<td>8</td>
</tr>
<tr>
<td>10 Ω</td>
<td>180 Ω</td>
<td>9</td>
</tr>
</tbody>
</table>

9. Reconnect the vehicle’s negative battery cable.
   - If your gauge(s) do not illuminate or do not recall your last saved color, your switched and un-switched sources are reversed.
   - If your gauge(s) only illuminate red then the yellow wire for constant source is not connected properly.
   - Be sure all of your wiring is correct to ensure proper gauge operation.
GlowShift also excludes from warranty coverage any consumable items such as fuses and batteries.

3. EXCETIONS TO LIMITED WARRANTY: GlowShift shall have no obligation to Purchaser with respect to any Product that is subjected to any of the following: abuse, improper use, negligence, accident, modification, failure to follow the operating procedures outlined in the user's manual, failure to follow the maintenance procedures in the service manual for the Product, attempted repair by non-qualified personnel, operation of the Product outside of the published environmental and electrical parameters, or if the Product's original identification (trademark, serial number) markings have been defaced, altered, or removed. GlowShift excludes from warranty coverage Products sold as is and/or with all faults. GlowShift also excludes from warranty coverage any consumable items such as fuses and batteries.
All software and accompanying documentation furnished with, or as part of the Product is furnished “AS IS” (i.e., without any warranty of any kind), except where expressly provided otherwise in any documentation or license agreement furnished with the Product.

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