Connect gauge to sensor module Network connection. (Single gauge hook-up)

**IMPORTANT:**
Do not connect more than 5 gauges in the same network series, connecting more than 5 may result in gauge malfunction.

**OR**

Connect gauge to the last gauge in the series. (Multi gauge hook-up)

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### Installation

1. Check that you have all parts required for installation, and the engine is cool.
2. Disconnect the negative (-) battery cable.
3. Gauge mounts in a $2\frac{1}{16}$" hole. If mounting in-dash, use the supplied threaded studs, mounting bracket and hardware to secure gauge to dash. Thread short end of threaded stud into the two holes in the back of the case until the hex flat is seated against the back of the case. DO NOT OVER-TIGHTEN.
4. If connecting gauge in line with other gauges, use the supplied 12" wire harness, connecting the black connector to the back port on the gauge and the white four-pin female connector to the mating white connector on the adjacent gauge wire harness. If the gauge is the first in the series, use the 6' wire harness supplied with the Sensor Module Control and Remote Control. Plug the white four-pin female connector at one end of the wire harness to the port on the Sensor Module labeled “NETWORK” and the black connector at the other end to the back port on the gauge.
5. Reconnect negative (-) battery cable.

### Service

**NOTE:** Remote can also be connected to gauge network series.

For service send your product to Auto Meter in a well packed shipping carton. Please include a note explaining what the problem is along with your phone number. Please specify when you need the product back. If you need it back immediately mark the outside of the box “RUSH REPAIR.” Auto Meter will service product within two days after receiving it. ($10.00 charge will be added to the cost of “RUSH REPAIR.”) If you are sending product back for Warranty adjustment, you must include a copy (or original) of your sales receipt from the place of purchase.

### 12 Month Limited Warranty

Auto Meter Products, Inc. warrants to the consumer that all Auto Meter High Performance products will be free from defects in material and workmanship for a period of twelve (12) months from date of the original purchase. Products that fail within this 12 month warranty period will be repaired or replaced at Auto Meter's option to the consumer, who it is determined by Auto Meter Products, Inc. that the product failed due to defects in material or workmanship. This warranty is limited to the repair or replacement of parts in the Auto Meter instruments. In no event shall this warranty exceed the original purchase price of the Auto Meter instruments nor shall Auto Meter Products, Inc. be responsible for special, incidental or consequential damages or costs incurred due to the failure of this product. Warranty claims to Auto Meter must be transportation prepaid and accompanied with dated proof of purchase. This warranty applies only to the original purchaser of product and is not-transferable. All implied warranties shall be limited in duration to the said 12 month warranty period. Breaking the instrument seal, improper use or installation, accident, water damage, abuse, unauthorized repairs or alterations voids this warranty. Auto Meter Products, Inc. disclaims any liability for consequential damages due to breach of any written or implied warranty on all products manufactured by Auto Meter.
Installation

Installation Instructions

NEXUS Full Sweep Electric Fuel Level Gauges
Requires 12 channel (6401) or OBD II (6700) Sensor Module & Remote

NOTE: Remote can also be connected to gauge network series.

Fuel Level Gauge Operation.

Fuel level sender range: 0-240 ohms.

Gauge includes 7 preset factory sender types plus the ability to create a custom calibration for any fuel level sender within the operating range (see table below).

Calibration procedure:
Select fuel level gauge in peak mode and press PLAY to enter calibrate mode.
Upon entering calibration mode, fuel level pointer moves to indicate the current sender calibration (see table below).
Press REW to advance to next calibration setting (fuel level pointer moves to that position).
Press FWD to advance to previous calibration setting (fuel level pointer moves to that position).
Press REC to accept calibration setting.

Custom calibration procedure:
1.) Select Custom Calibration Mode using the Calibration Procedure outlined above (see also table at right).
2.) Make sure the fuel level sender is connected to the gauge and that the fuel tank is empty, or nearly empty, before proceeding.
3.) With an empty, or nearly empty, tank, capture the empty calibration position.
4.) Fill tank.
5.) Once tank is filled, capture the full calibration position.

Custom Calibration Mode.

Fuel Level Gauge Sender Types

<table>
<thead>
<tr>
<th>Sender Type</th>
<th>Sender Select Position</th>
<th>Sender Resistance (Ohms)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Empty</td>
</tr>
<tr>
<td>Ford Pre '89 (73E-10F)</td>
<td>E</td>
<td>70.2</td>
</tr>
<tr>
<td>'87 Mustang - Present (16E-15BF)</td>
<td>1/8</td>
<td>22.3</td>
</tr>
<tr>
<td>GM Pre '65 (0E-30F)</td>
<td>1/4</td>
<td>3</td>
</tr>
<tr>
<td>GM '65 - '96 (0E-90F)</td>
<td>3/8</td>
<td>4</td>
</tr>
<tr>
<td>Auto Meter Sender (240E-33F)</td>
<td>1/2</td>
<td>225</td>
</tr>
<tr>
<td>Eclipse '90 - '02</td>
<td>5/8</td>
<td>101</td>
</tr>
<tr>
<td>Civic '88 - '90 (107E-7F)</td>
<td>3/4</td>
<td>125.7</td>
</tr>
<tr>
<td>Civic '01 - '03 (131E-12F)</td>
<td>3/4</td>
<td>125.7</td>
</tr>
<tr>
<td>Custom Calibration</td>
<td>7/8</td>
<td>0-240</td>
</tr>
</tbody>
</table>

Installation

NOTE: Some late model vehicles use electronic sensors in their pressure & temperature senders for engine control functions. Before removing the original sender, we recommend that you contact your automotive dealer to be sure no critical functions will be disrupted.

1. Check that you have all parts required for installation & the engine is cool.
2. Disconnect the negative (-) battery cable.
3. Gauge mounts in a 2-3/4" hole. If mounting in-dash, use the supplied threaded studs, mounting bracket and hardware to secure gauge to dash.
4. Thread short end of threaded stud into the two holes in the back of the case until the hex flat is seated against the back of the case.
5. Connect brown wire to fuel level sender.
6. Connect gauge to sensor module Network connection. (Single gauge hook-up)
7. If STOP button on Nexus Remote is pressed anytime during calibration, operation will be canceled & calibration will return to previous setting.

Custom Gauges Operate

Custom Calibration

Senders in the '90-'02 Civic and '01-'03 '131E-12F' (optional)

NOTE: Do not connect more than 5 gauges in the same network series, connecting more than 5 may result in gauge malfunction.

IMPORTANT: Remote can be used for gauge network.

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