3) Fuel Level and Cost Adjustments

Helpful Hints

• Use the FILLUP screen each time you put fuel in the tank. Adjust the number shown in the top line using the upper left and right function buttons until the number matches what you estimate is in the tank.

To set the tank level initially, access the SETUP screen and use the upper left and right function buttons to adjust the fuel cost, then press the NEXT button to access the Fuel Cost Screen. Use the upper left and right function buttons to adjust the fuel cost, then press the NEXT button to access the Fuel Cost Screen.


1) Quick Start Installation

1. Locate the Diagnostic Connector
   The connector is generally located under the dash at the fire wall on the driver side and is usually protected by a plastic cover. To remove the protective cover, you must push the cover while turning counter clockwise, then pull to remove it.

2. Determine Plug Type
   The universal plug included with your ScanGauge is compatible with both the J1939 (9pin) and J1708 (6-pin) diagnostic port. Match the end of the plug to the connector, but do not plug it in at THIS time.

3. Locate a Place For The ScanGauge.
   You can use the sticky-back Velcro® supplied with the ScanGauge to attach it to the location you have chosen.

   DO NOT mount the ScanGauge over an air bag cover where it could be propelled by a deploying airbag.

4. Route The Cable.
   Route the cable from the ScanGauge to your vehicle’s diagnostic connector. Be sure keep the cord from interfering with the pedals or operating controls of the vehicle.

2) Set Up Your ScanGauge
   Your new ScanGauge must first be set up so that it may report accurate information about your vehicle.

   To access the Basic Setup Options, follow the sequence shown to the right. For more detailed setup instructions and a complete explanation of each of the setup parameters, please refer to the ScanGauge User Manual.

   Use the lower buttons to adjust the currently selected setup parameter

   Use the upper buttons to move to the next or previous setup parameter

   Displays the currently selected setup parameter

Package Contents

• ScanGauge
• 6-ft J1939/J1708 Cable
• Velcro® Strips
• Quick Start Guide

Front

A. Function/Selection Button
B. Function/Selection Button
C. Function/Selection Button
D. Function/Selection Button
E. Home Button
F. LCD Display Screen

Back

G. J1939/J1708 Connection Plug

Side

H. Optional J1939/J1708 Connection Plug or unit daisy chain interface

ScanGauge Layout

HOME Screen

<SCAN <TRIP GAUGE>

MORE>

<SETUP <DISPLAY MORE>

FILLUP>

< >

< >

DISTANCE MILES

Setup Parameter Display Options

Distance Units DISTANCE Miles, Kilometers

Fuel Units FUEL UNITS Gallons, Liters

Temperature Units TEMP UNITS Fahrenheit (˚F), Celsius (˚C)

Pressure Units PRESSURE UNITS PSI, KPA, MM, IN

Tank Size TANK SIZE Adjustable in 1 Gallon/Liter Increments

Currency type CURRENCY $, £, ¥, 元, €

Advanced Settings ADV SETTINGS For an explanation of the Advanced Setting Options, please refer to the user manual and ScanGauge.com

5. Connect the small end of the cable
   Plug the small end of the cable into the back or side of the ScanGauge.

6. Turn the vehicle on.
   Start your vehicle or turn the ignition to the ON position.

   Plug the ScanGauge Plug Into The Diagnostic Connector.
   While inserting in the plug, you may have to rotate to the plug to align the connector pins.
   Once the pins are aligned, push firmly on the plug to complete the connection.

   Once connected with the vehicle running or the ignition in the ON position, your ScanGauge will display the Connecting Screen, and then quickly switch to the Home Screen.

   When the Home Screen is displayed, your ScanGauge is connected and has established communication with your vehicle’s computer.

   Connecting...

   <TRIP MORE>

   Connecting Screen

   <SCAN <TRIP GAUGE>

   GAUGE>

   MORE>

   Home Screen

   Up to 10 seconds
5. Connect the small end of the cable
   Plug the small end of the cable into the back or side of the ScanGauge.

6. Turn the vehicle on.
   Start your vehicle or turn the ignition to the ON position.

Plug the ScanGauge Plug Into The Diagnostic Connector.
   While inserting in the plug, you may have to rotate to the plug to align the connector pins. Once the pins are aligned, push firmly on the plug to complete the connection.

Once connected with the vehicle running or the ignition in the ON position, your ScanGauge will display the Connecting Screen, and then quickly switch to the Home Screen.

When the Home Screen is displayed, your ScanGauge is connected and has established communication with your vehicle’s computer.

7. Proceed to setup.
   If it does not stop saying “Connecting...” or the screen goes blank after 60 seconds, refer to Troubleshooting section in the ScanGauge User Manual.
## 2) Set Up Your ScanGauge

Your new ScanGauge must first be set up so that it may report accurate information about your vehicle.

To access the Basic Setup Options, follow the sequence shown to the right. For more detailed setup instructions and a complete explanation of each of the setup parameters, please refer to the ScanGauge User Manual.

### Setup Parameter Display Options

<table>
<thead>
<tr>
<th>Setup Parameter</th>
<th>Display</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance Units</td>
<td>DISTANCE</td>
<td>Miles, Kilometers</td>
</tr>
<tr>
<td>Fuel Units</td>
<td>FUEL UNITS</td>
<td>Gallons, Liters</td>
</tr>
<tr>
<td>Temperature Units</td>
<td>TEMP UNITS</td>
<td>Fahrenheit (°F), Celsius (°C)</td>
</tr>
<tr>
<td>Pressure Units</td>
<td>PRESSURE UNITS</td>
<td>PSI, KPA, MM, IN</td>
</tr>
<tr>
<td>Tank Size</td>
<td>TANK SIZE</td>
<td>Adjustable in 1 Gallon/Liter Increments</td>
</tr>
<tr>
<td>Currency type</td>
<td>CURRENCY</td>
<td>$, £, ¥, 元, €</td>
</tr>
<tr>
<td>Advanced Settings</td>
<td>ADV SETTINGS</td>
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1. Quick Start Installation

2. Determine Plug Type
   - The universal plug included with your ScanGauge is compatible with both the J1939 (9-pin) and J1708 (6-pin) protocols.
   - You can use the sticky-back Velcro® supplied with the ScanGauge to attach it to the side and is usually protected by a plastic cover. To remove the protective cover, you must push the cover while turning it clockwise, then pull to remove it.

3. Locate a Place For The ScanGauge
   - The connector is generally located under the dash at the fire wall on the driver side.
   - Route the cable from the ScanGauge to your vehicle’s diagnostic connector. Be sure to keep the cord from interfering with the pedals or operating controls of the vehicle.

4. Route The Cable.
   - While inserting in the plug, you may have to rotate to align the connector pins.
   - Once connected with the vehicle running or the ignition in the ON position, your ScanGauge will display the Connecting Screen, and then quickly switch to the Home Screen.
   - If it does not stop saying “Connecting...” or the screen goes blank after 60 seconds, please refer to the Troubleshooting section in the ScanGauge User Manual.

5. Connect the small end of the cable to the back or side of the ScanGauge.

6. Turn the vehicle on.

7. Proceed to setup.

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**Package Contents**

- ScanGauge
- 6-ft J1939/J1708 Cable
- Velcro® Strips
- Quick Start Guide
3) Fuel Level and Cost Adjustments

The FILLUP function allows you adjust and enter the fuel level and cost values to help ScanGauge maintain accurate TO EMPTY and FUEL COST computations.

Initial Setup
To set the tank level initially, access the FILLUP screen and use the upper left and right function buttons to adjust the “TANK=” value to what you estimate is in the tank.

Using the FILLUP Screen
Use the FILLUP screen each time you put fuel in the tank. Adjust the number shown in the top line using the upper left and right function buttons until the number matches the amount of fuel you put in the tank.

You can increase the number in 10 gallon/liter steps and decrease in 1 gallon/liter steps.

If you’re tank is full, press the function button next to “+10” until the “TANK=” value is the same as the tank capacity.

Helpful Hints
• If you fill up your fuel tank with your vehicle on an incline, it can have an effect on the amount of fuel the pump can dispense into your tank.

• When filling your tank, let the pump shut off automatically. Do not top off.

• To maintain the most accurate “TO EMPTY” information, it is best to fill the tank to its capacity.
4) Using Your ScanGauge

Your ScanGauge features an easy-to-use menu-driven design. Pushing the button next to each selection will display that information. Pushing the HOME button will take you back to the Home Screen at anytime.

**Gauge**

**Use the built-in Digital Gauges**
The function buttons next to each gauge allow you to select and display up to 4 gauges at a time.

**Trip**

**Using the Trip Computers**
ScanGauge stores up to 4 sets of trip data and the Performance Monitor. For instructions on using the Performance Monitor, please refer to the ScanGauge User Manual.

- Displays the data stored for the currently selected Trip Computer.
- Push to cycle through the available Trip Computers.
- The currently selected Trip Computer.
- Push to cycle through the available trip data.
- Push the HOME button to return to the Home Screen at anytime.
- Push the function buttons to cycle through the available digital gauges.
- Push the function button next to CLEAR to clear the code.

**Scan**

**Turn off the Check Engine Lamp**
When you vehicle’s computer detects a problem, it may store a trouble code. The ScanGauge gives you the ability to read and clear these trouble codes. ScanGauge will provide a Code ID and Failure Mode for each saved trouble code.

Visit ScanGauge.com for an explanation of known trouble codes.
The easiest way to learn to improve your fuel economy is to have real-time feedback about how your driving style affects overall fuel use. ScanGauge can provide both Miles Per Gallon (MPG) as well as Average Fuel Economy (AVG) in real-time to help you adjust your driving style to reach maximum fuel economy.

Set Your Gauges
Use the function buttons next to each gauge position to select the following gauges:
- AVG: Average Fuel Economy
- MPG: Mile Per Gallon
- GPH/LPH: Gallons/Liters Per Hour
- TFC: Trip Fuel Cost

Start Learning to Save Fuel!
With your gauges set, your ScanGauge is now ready to provide real-time feedback about your fuel usage as you drive. This will allow you to see what adjustments in your driving style can be made to actually raise or lower your Average Fuel Economy (AVG).

Your goal is to bring up your AVG reading as high as possible. To do this, try and adjust your driving style so that your Miles Per Gallon (MPG) reading is equal to or higher than your AVG. You can also use the Gallons/Liters Per Hour (GPH/LPH) to gauge how much fuel your vehicle will use each hour of driving. The Trip Fuel Cost (TFC) gauge will show you the total cost of the fuel used. You can think of the TFC gauge as a taxi meter.

Using these real-time gauges, you can experiment with different driving styles, or even different driving routes, to reduce your fuel cost.