

Honda HD-4 Gauge Setup

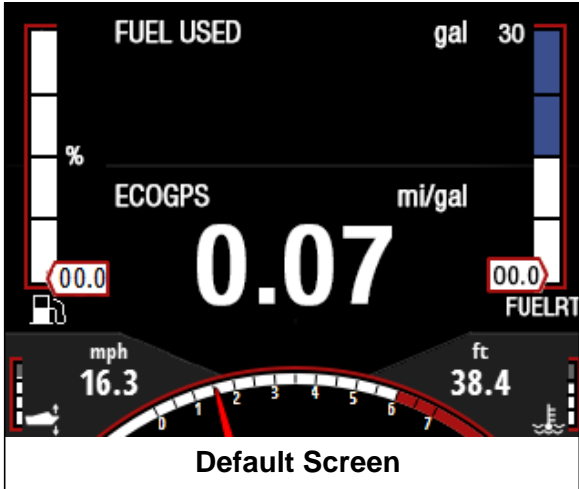
Fuel Gauge Management

The default fuel screen for Honda HD-4 gauge is preprogrammed to use a Fuel Data Manager, which provides key features (Fuel Used: Trip, Seasonal, Since last fill (virtual tank) and Fuel Range) for the detail-oriented boater.

If a Fuel Data Manager is not installed, the default gauge will display an empty fuel level and no data for Fuel Used. However, a screen can be created showing fuel level (using fluid level sensor) at actual tank and fuel consumption rate.

Follow the *PROCEDURE* beginning on page 2 to create a page that displays Fuel Rate and Fuel Level.

If you are not comfortable resetting the gauge following the information below, contact an authorized Honda Marine dealer for assistance. Visit marine.honda.com to find a dealer near you, or call us at 770-497-6400, option 6.



RECOMMENDED SETTINGS

Honda recommends the following settings for replacing the default screen:

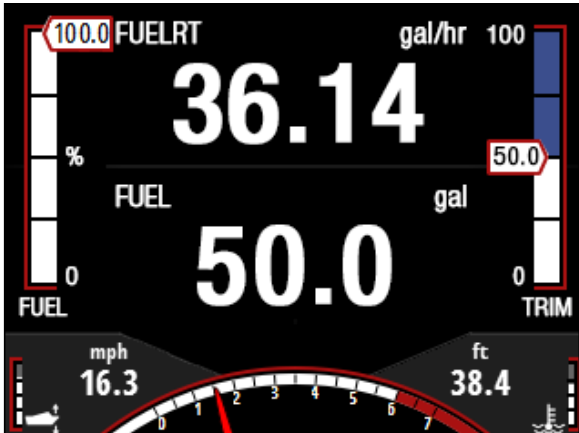
GPS

- Left side bar: Fuel level adapter (uses fuel tank sending unit 1-4)
- Top middle: Fuel rate (Vessel fuel rate)
- Bottom middle: ECO GPS mile/gallon (Vessel fuel economy GPS)
- Right side bar: Trim (Engine)



Without GPS

- Left side bar: Fuel level adapter (uses fuel tank sending unit 1-4)
- Top middle: Fuel rate (Vessel fuel rate)
- Bottom middle: Fuel remaining gallons (Fuel tank)
- Right side bar: Trim (Engine)



CONTENTS

PROCEDURE.....	2
Disable the Standard Fuel Economy Screen.....	2
Replace an Unused Page.....	5
Configure the New Page.....	7

PROCEDURE

The following procedure shows how to configure the gauge.

NOTE: The screens may vary based on the equipment installed on your NMEA® network.

For more details, see the Honda HD-4 Color Display User Manual. An electronic version of the user's manual is available on marine.honda.com, in the Service & Support tab under Owner's Manuals.

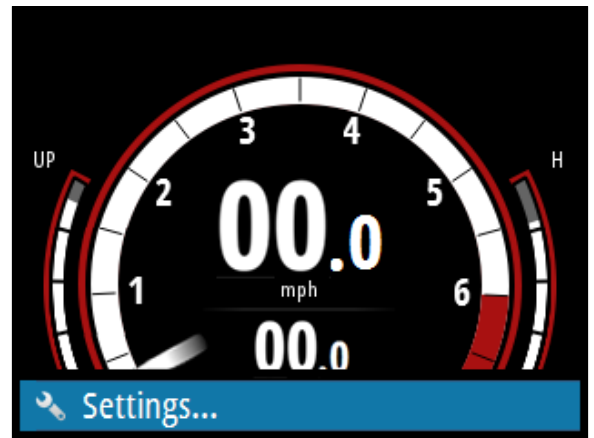
Disable the Standard Fuel Economy Page

The first part of the procedure is to disable (remove from view) the standard Fuel Page that uses a Fuel Data Manager.

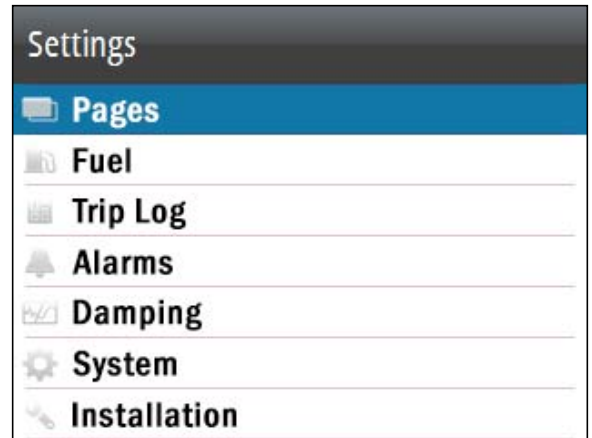
1. Press the **MENU** key to display **Settings**.



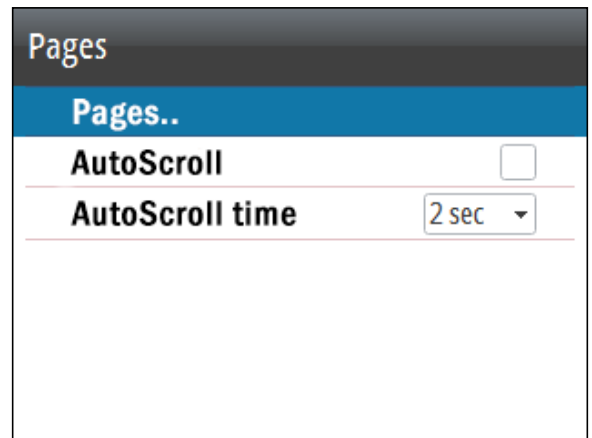
2. Press the **ENTER** key to display the **Settings** menu.



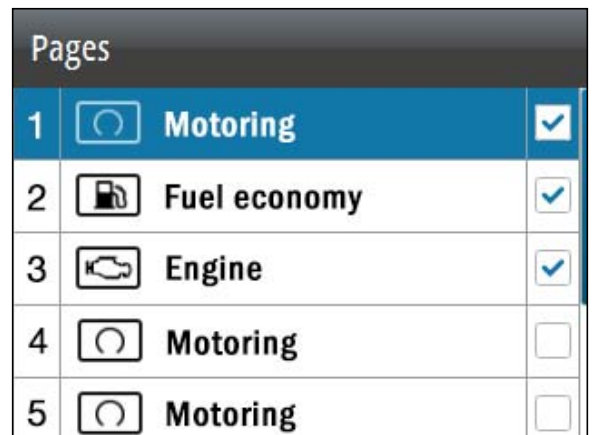
3. Press the **ENTER** key to display the **Pages** menu.



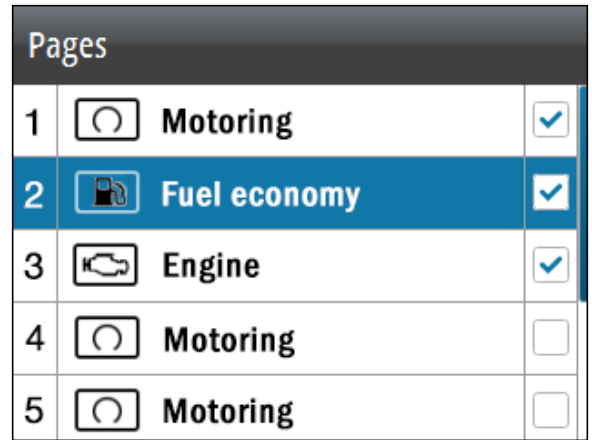
4. Press the **ENTER** key to display the list of **Pages**.



5. Press the down arrow key until **Fuel economy** is highlighted.



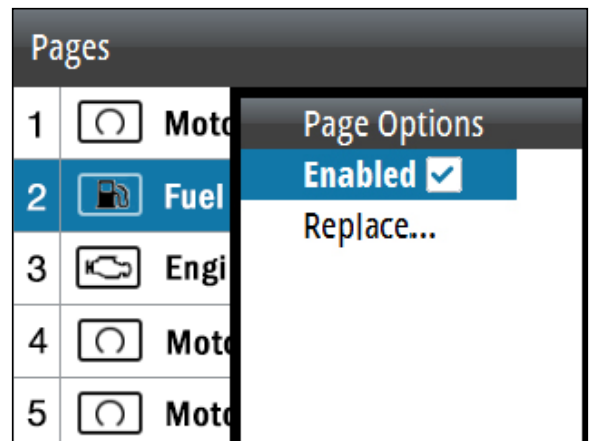
6. Press the **ENTER** key to display **Page Options**.



The screenshot shows a 'Pages' menu with five items. Item 2, 'Fuel economy', is highlighted in blue. All items have a checkmark in the right-hand column.

Pages		
1		Motoring <input checked="" type="checkbox"/>
2		Fuel economy <input checked="" type="checkbox"/>
3		Engine <input checked="" type="checkbox"/>
4		Motoring <input type="checkbox"/>
5		Motoring <input type="checkbox"/>

7. Press the **ENTER** key to uncheck (disable) **Fuel economy**.



The screenshot shows the 'Pages' menu with 'Fuel economy' selected. A 'Page Options' overlay is visible, showing 'Enabled' with a checked checkbox and a 'Replace...' option.

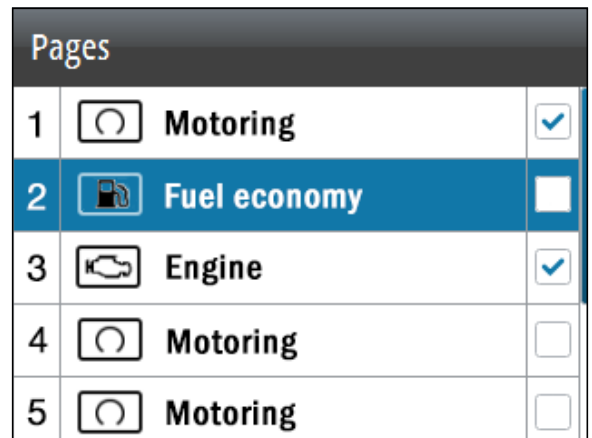
Pages		
1		Motoring <input checked="" type="checkbox"/>
2		Fuel economy <input checked="" type="checkbox"/>
3		Engine <input checked="" type="checkbox"/>
4		Motoring <input type="checkbox"/>
5		Motoring <input type="checkbox"/>

Page Options

Enabled

Replace...

8. Press the **MENU** key to return to the list of **Pages**.



The screenshot shows the 'Pages' menu with 'Fuel economy' selected. The checkmark in the right-hand column for 'Fuel economy' is now unchecked.






Pages		
1		Motoring <input checked="" type="checkbox"/>
2		Fuel economy <input type="checkbox"/>
3		Engine <input checked="" type="checkbox"/>
4		Motoring <input type="checkbox"/>
5		Motoring <input type="checkbox"/>

Replace an Unused Page






Next, replace an unused page with a 2 x 2 bars grid template page that can be customized.

1. Press the down arrow key until the second **Motoring** is highlighted.






Note: In this procedure, the second Motoring page (item 4) will be replaced. You may replace any page that you do not use.

Pages		
1	 Motoring	<input checked="" type="checkbox"/>
2	 Fuel economy	<input type="checkbox"/>
3	 Engine	<input checked="" type="checkbox"/>
4	 Motoring	<input type="checkbox"/>
5	 Motoring	<input type="checkbox"/>

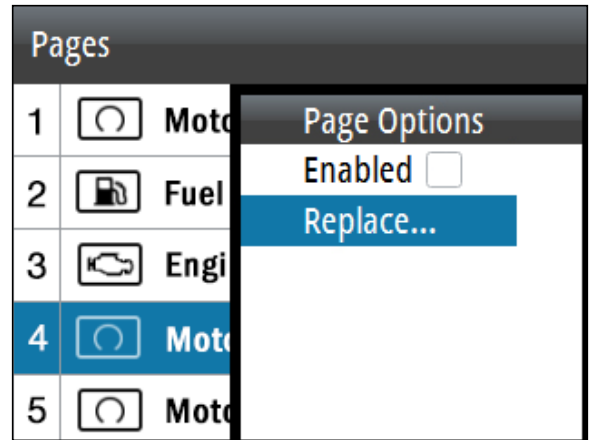
2. Press the **ENTER** key to display the **Page Options**.

Pages		
1	 Motoring	<input checked="" type="checkbox"/>
2	 Fuel economy	<input type="checkbox"/>
3	 Engine	<input checked="" type="checkbox"/>
4	 Motoring	<input type="checkbox"/>
5	 Motoring	<input type="checkbox"/>

3. Press the down arrow key to highlight **Replace**.

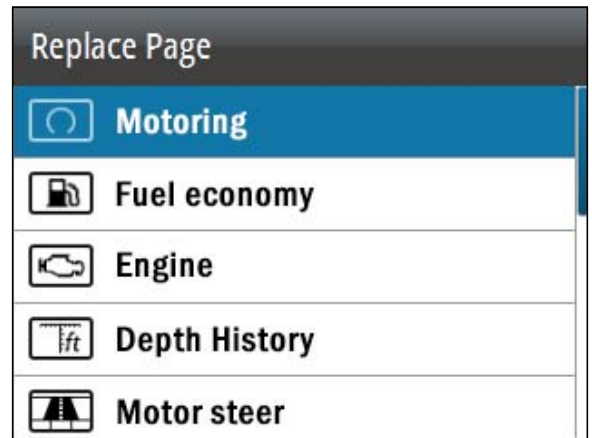
Pages		
1	 Moto	Page Options Enabled <input type="checkbox"/> Replace...
2	 Fuel	
3	 Engi	
4	 Moto	
5	 Moto	

4. Press the **ENTER** key to display the **Replace Page** list.

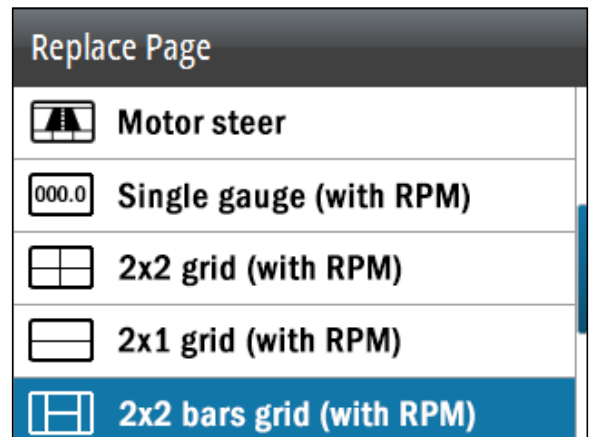


5. Press the down arrow key until **2x2 bars grid (with RPM)** is highlighted.

Note: Be sure to select the **2x2 bars grid (with RPM)** template, not the **2x2 grid (with RPM)** template.



6. Press the **ENTER** key to display the list of **Pages**.



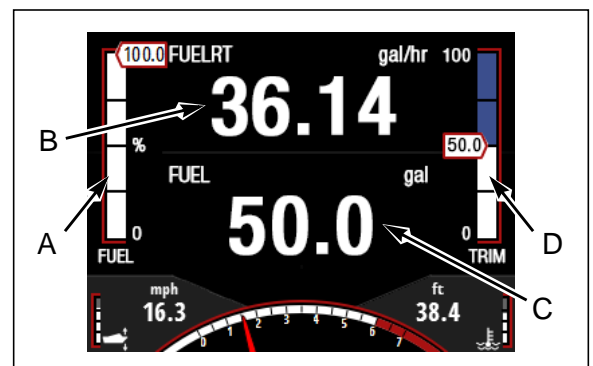
7. Press the **MENU** key until the main screen displays.

Pages		
1		Motoring <input checked="" type="checkbox"/>
2		Fuel conomy <input type="checkbox"/>
3		Engine <input checked="" type="checkbox"/>
4		2x2 bars grid (with RPM) <input checked="" type="checkbox"/>
5		Motoring <input type="checkbox"/>

Configure the New Page

In this section, you will configure the new 2x2 bars grid (with RPM) page to display the following information:

- A. Fuel Level - left side bar graph ([page 8](#))
- B. Vessel Fuel Rate - top middle data field ([page 10](#))
- C. Fuel Remaining (without GPS) - lower middle data field ([page 12](#))
- OR-
- Vessel Fuel Economy (with GPS) - lower middle data field ([page 14](#))
- D. Engine Trim - right side bar graph ([page 16](#))

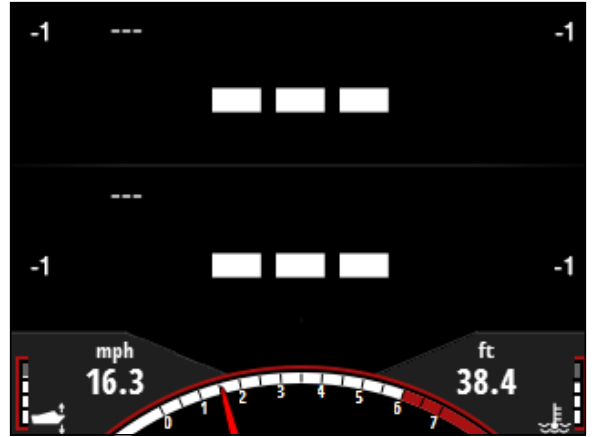


NOTE: This procedure assumes the boat has one fuel tank. For two tanks, configure the right side bar graph (D) to display the fuel level of the second tank. For more than two tanks, use a different screen for the fuel levels only.

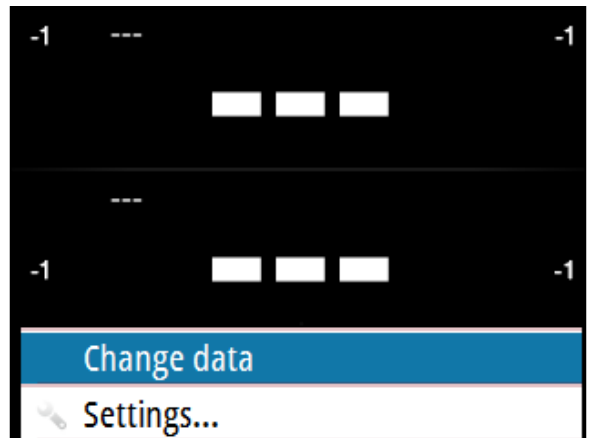
1. Press the down arrow key until the new **2x2 bars grid (with RPM)** template page displays.



2. Press the **MENU** key to display the menu.

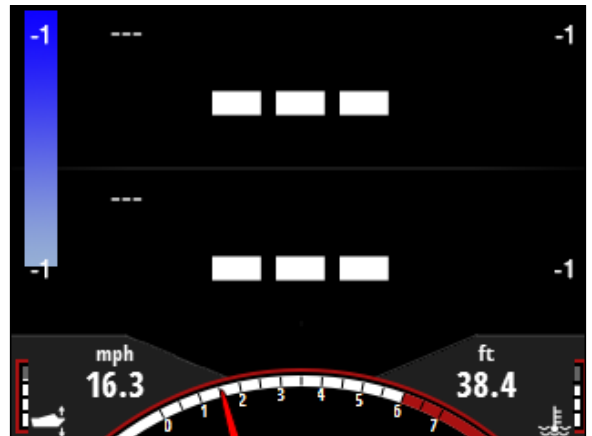


3. Press the **ENTER** key to select **Change data**.

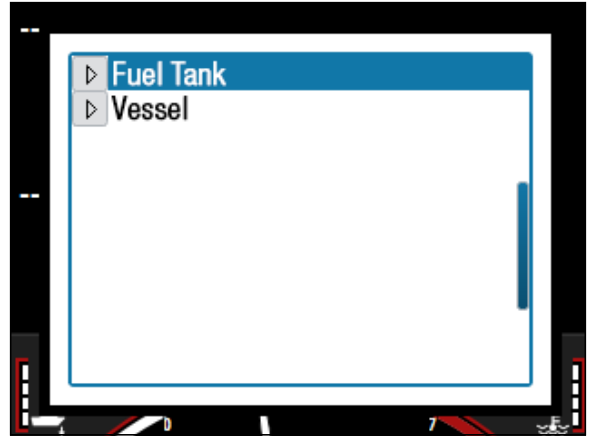


A. FUEL LEVEL

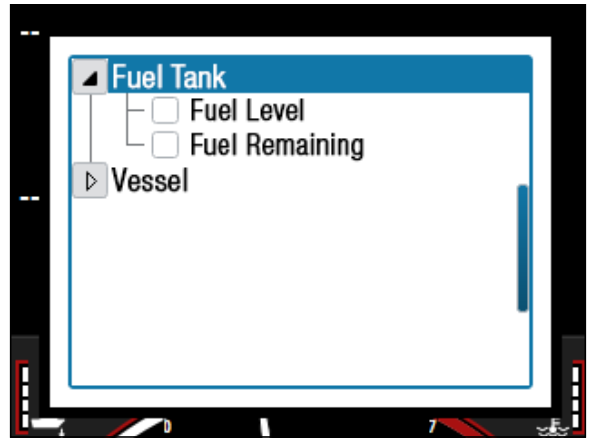
1. Press the **ENTER** key to display the menu for the blue bar located on the left side.



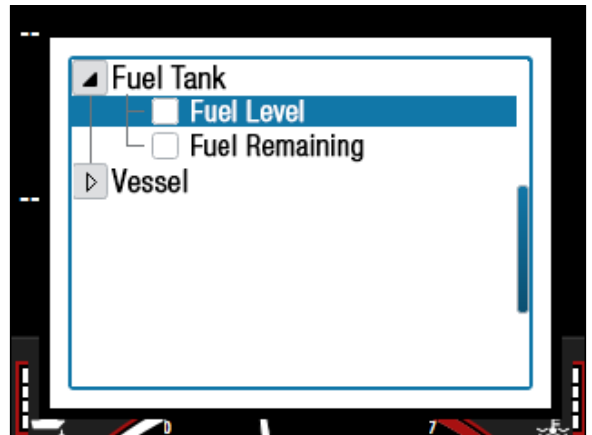
2. Press the **ENTER** key to display the **Fuel Tank** options.



3. Press the down arrow key to highlight **Fuel Level**.

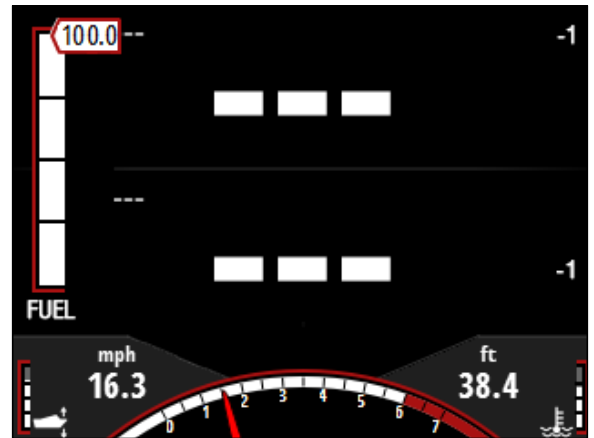


4. Press the **ENTER** key to select **Fuel Level**. (This page does not show a check mark when selected.)
The fuel level data will display on the left bar of the **2x2 bars grid (with RPM)** page.

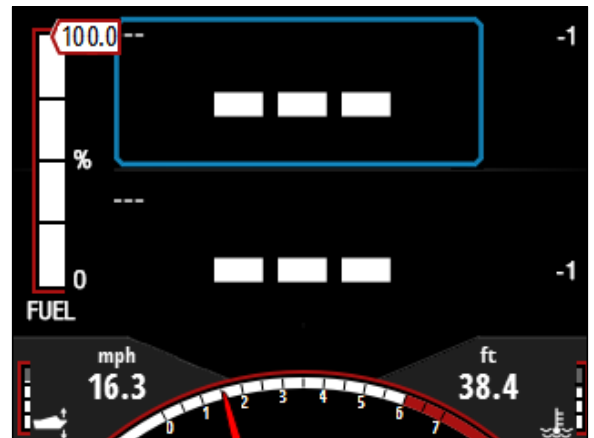


B. VESSEL FUEL RATE

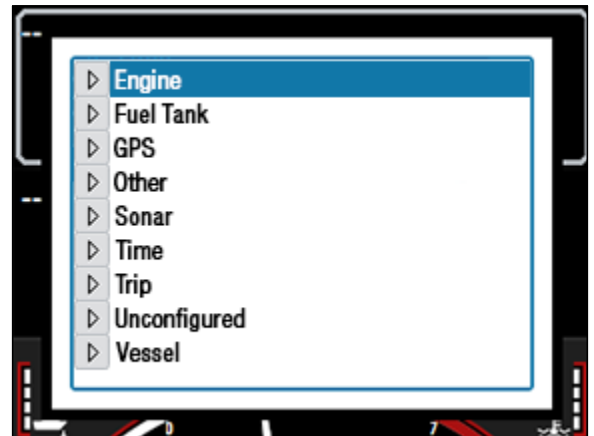
1. Press the down arrow key to display a blue box around the top middle data field indicating the field is selected.



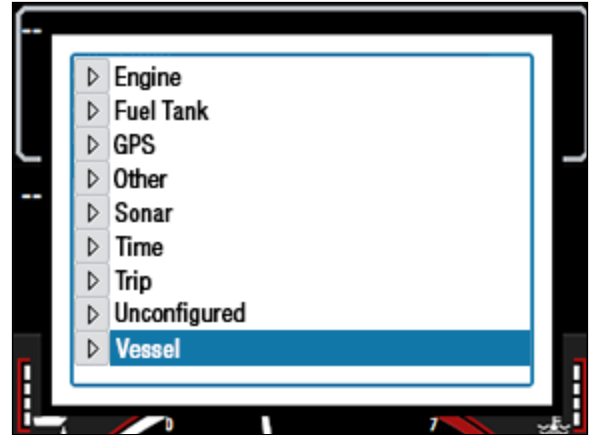
2. Press the **ENTER** key to display the menu.



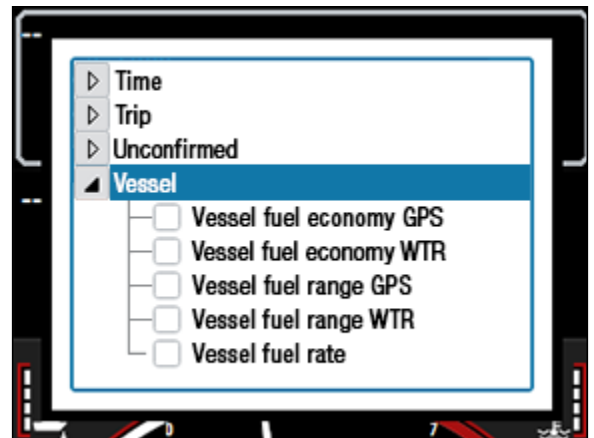
3. Press the down arrow key until **Vessel** is highlighted.



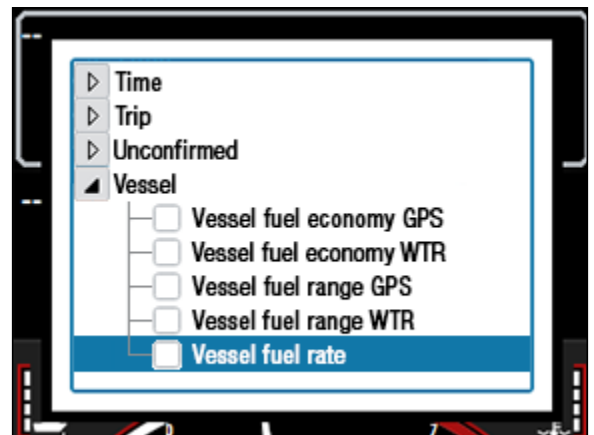
4. Press the **ENTER** key to display the **Vessel** options.



5. Press the down arrow key until **Vessel fuel rate** is highlighted.



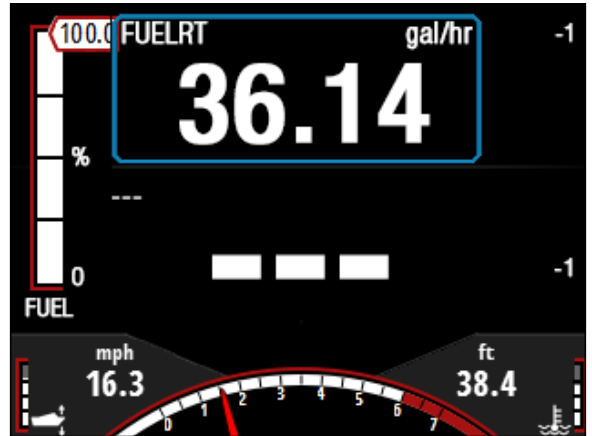
6. Press the **ENTER** key to select **Vessel fuel rate**. (This page does not show a check mark when selected.)
The **2x2 bars grid (with RPM)** page displays.



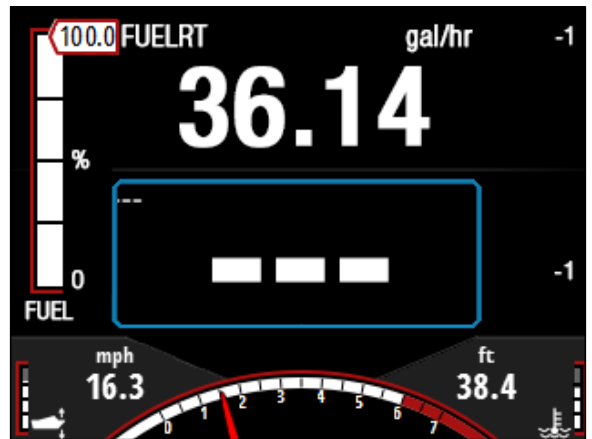
C. FUEL REMAINING (without GPS)

Note: If the boat is equipped with GPS, go to **C. VESSEL FUEL ECONOMY (with GPS)** (page 14).

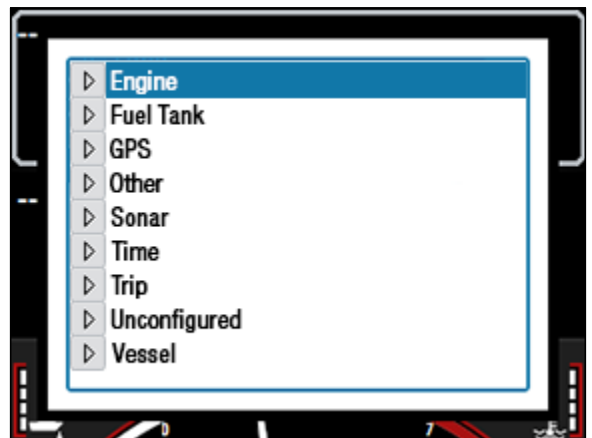
1. Press the down arrow key to display a blue box around the bottom middle data field indicating the field is selected.



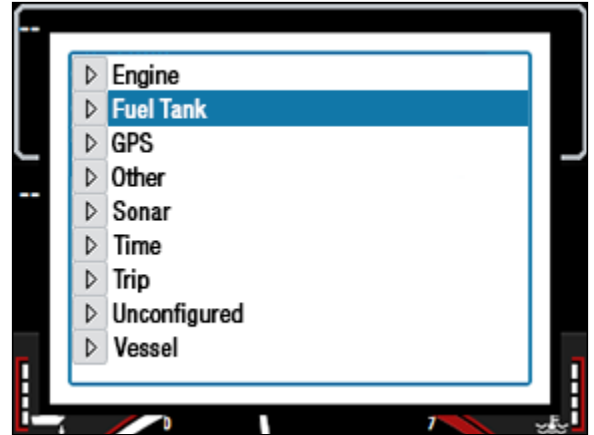
2. Press the **ENTER** key to display the menu.



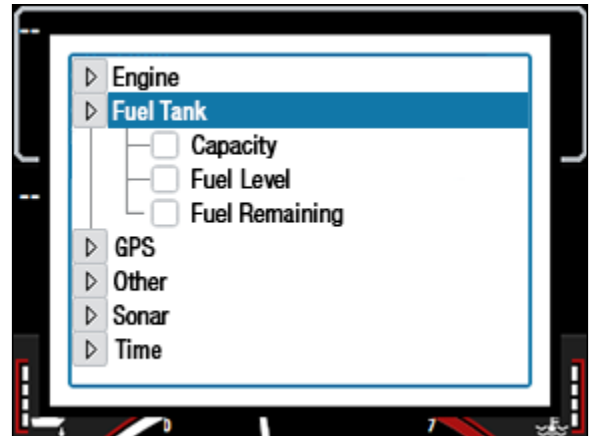
3. Press the down arrow key to highlight **Fuel Tank**.



4. Press the **ENTER** key to display the **Fuel Tank** options.

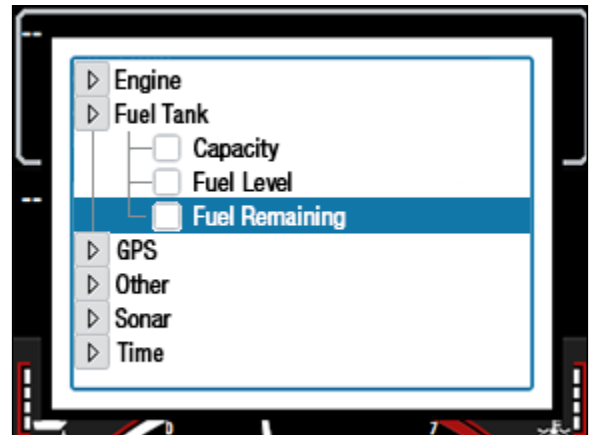


5. Press the down arrow key until **Fuel Remaining** is highlighted.



6. Press the **ENTER** key to select **Fuel Remaining**. (This page does not show a check mark when selected.)
The **2x2 bars grid (with RPM)** page displays.

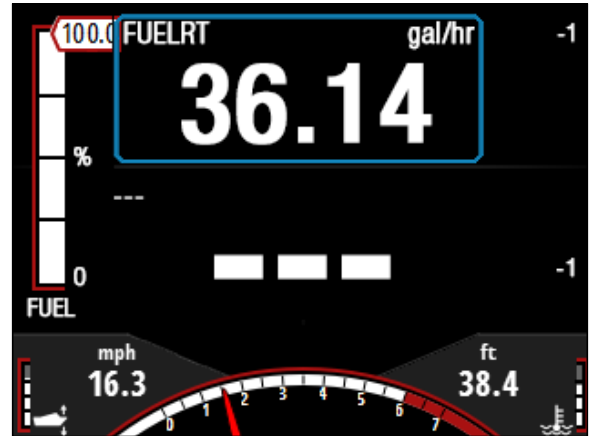
7. Proceed to **D. Engine Trim** on [page 16](#).



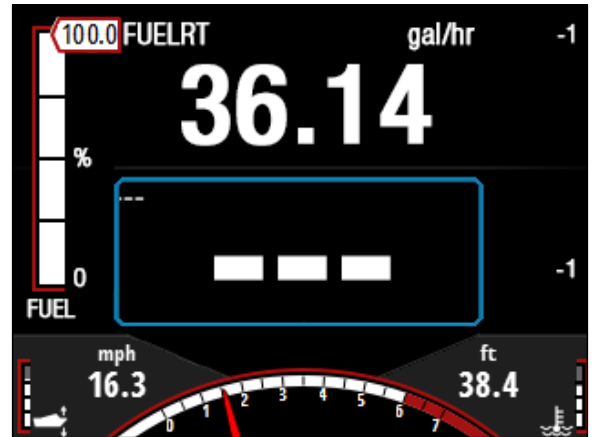
C. VESSEL FUEL ECONOMY (with GPS)

Note: If the boat is **not** equipped with GPS, go to **C. VESSEL FUEL RATE (without GPS)** (page 10).

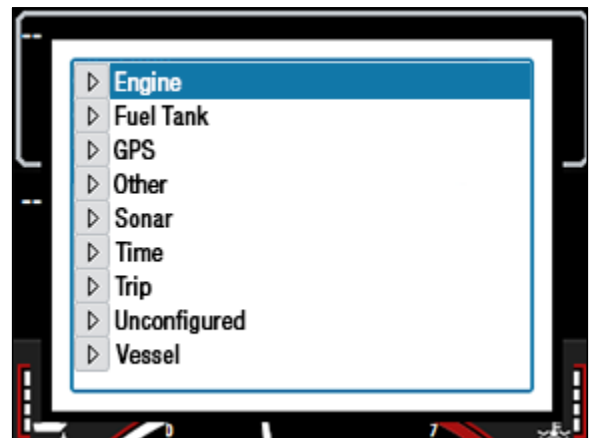
1. Press the down arrow key to display a blue box around the bottom middle data field indicating the field is selected.



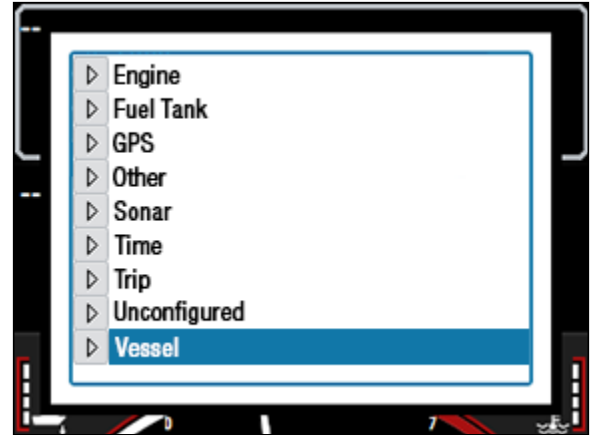
2. Press the **ENTER** key to display the menu.



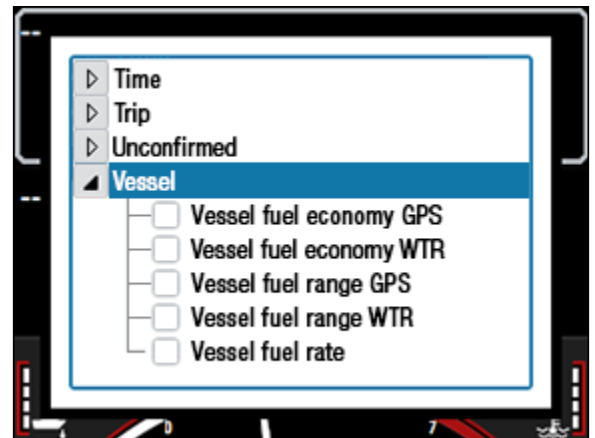
3. Press the down arrow key to highlight **Vessel**.



4. Press the **ENTER** key to display the **Vessel** options.

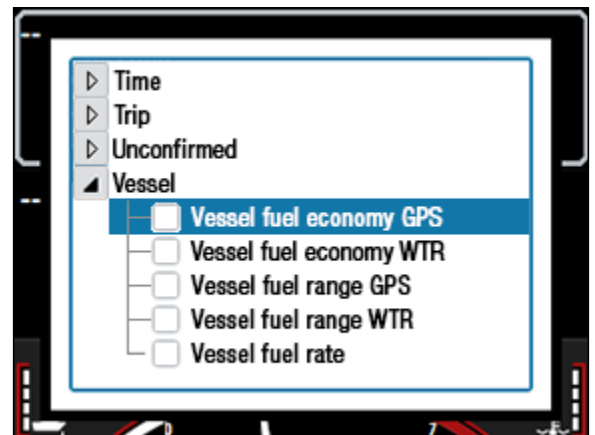


5. Press the down arrow key until **Vessel fuel economy GPS** is highlighted.



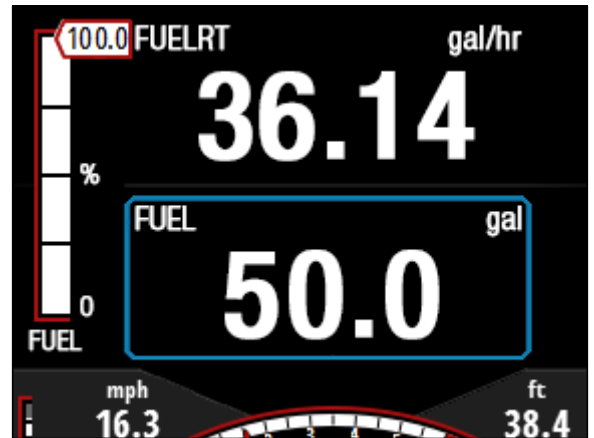
6. Press the **ENTER** key to select **Vessel fuel economy GPS**. (This page does not show a check mark when selected.)

The **2x2 bars grid (with RPM)** page displays.

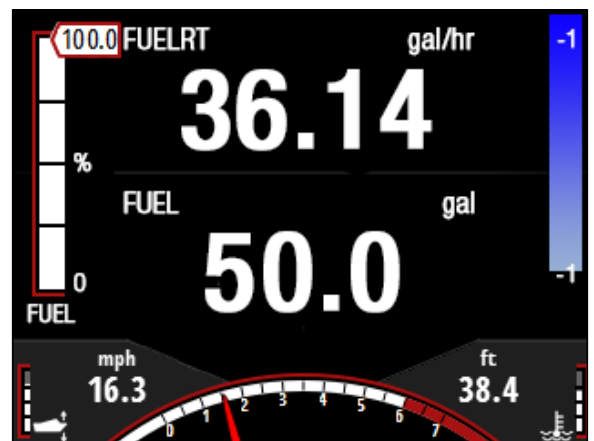


D. ENGINE TRIM

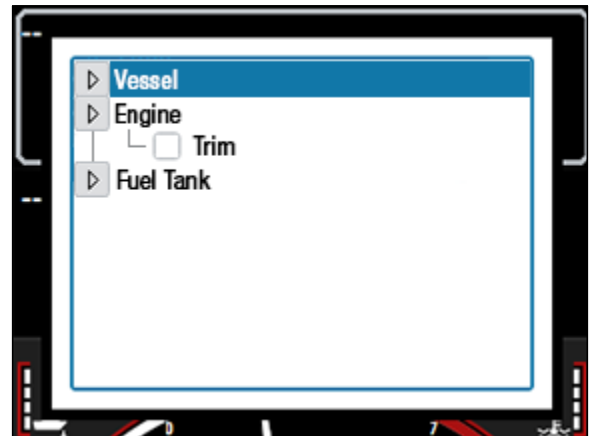
1. Press the down arrow key to display a blue bar on the right side of the screen.



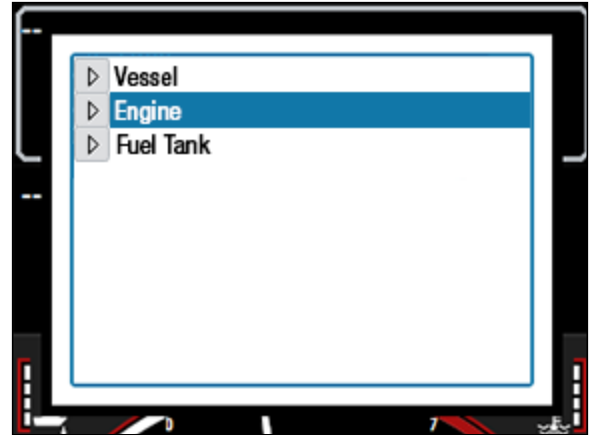
2. Press the **ENTER** key to display the menu.



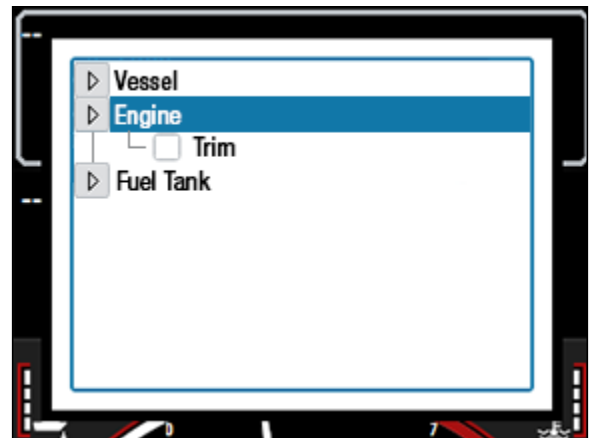
3. Press the down arrow key until **Engine** is highlighted.



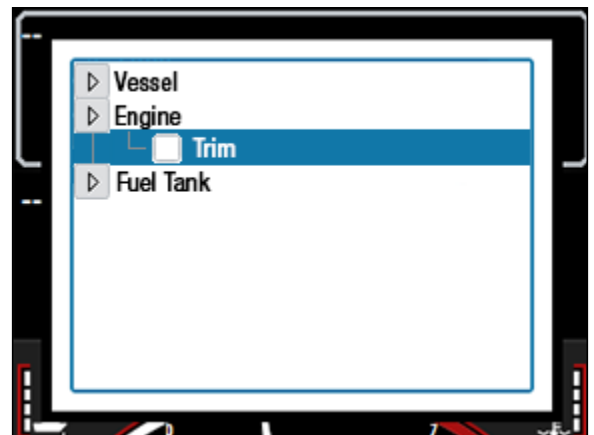
4. Press the **ENTER** key to display the **Engine** option.



5. Press the down arrow key until **Trim** is highlighted.



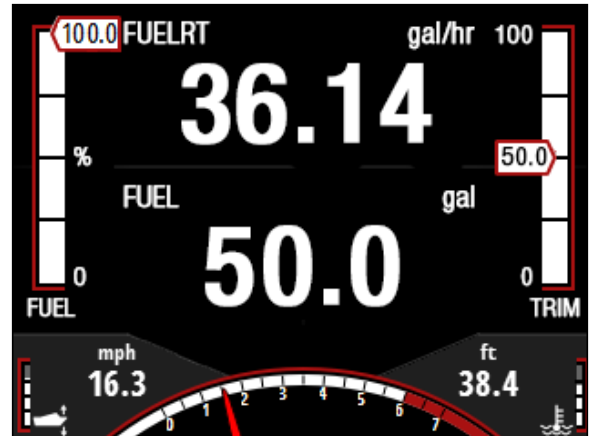
6. Press the **ENTER** key to select **Trim**. (This page does not show a check mark when selected.)
The trim data will display on the right bar.



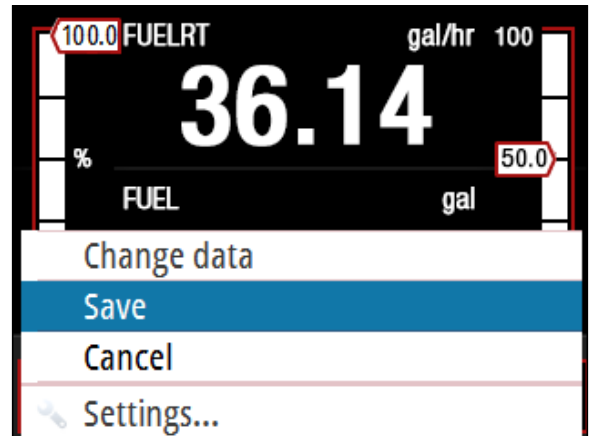
Save the Changes

Finally, save the changes you made to the **2x2 bars grid (with RPM)** page.

1. Press the **Menu** key to display the menu.



2. Press the **ENTER** key to select **Save**.



The main screen displays. The procedure is now complete and the fuel data reads from the fuel tank sensors instead of the “virtual tank” method.

