



## Fuel Sender Calibration (Analog Input)

1. Set Analog Input (Setup Menu)
  - a. Press & Hold Mode Button to gain access to the Main Menu
  - b. Scroll down to Setup & press Mode button to gain access to Setup Menu
  - c. Scroll down to A/D Inputs and press Mode button
  - d. Press mode button for Input 1 & press Mode button
  - e. Press down button to Fuel Level 1 and press Mode button
  - f. Select the fuel sender resistance: (240-33 $\Omega$ , 10-180 $\Omega$ , 0-90 $\Omega$ )
  - g. Press down to return menu item and press Mode button
2. Calibration
  - a. Gain Access to Main Menu and Setup Menu (see steps 1 and 2 above)
  - b. Scroll down to Calibration and press Mode button
  - c. Select Tank 1 and press Mode button
  - d. Select Source from Tank 1 menu (Press Mode button)
  - e. Use down button to select A/D Fuel 1 and press Mode button
  - f. Scroll down to Total and press Mode button
  - g. Use the up/down button to select the total gallons of the tank
  - h. Scroll down to Calibrate and press Mode button to enter
    - i. Calibration will be down in 5 steps (Every  $\frac{1}{4}$  Tank)
    - ii. Mode button must be press at every step
    - iii. Number of Gallons will be displayed at the bottom of the display and the actual sender value will be displayed at the top right corner
      1. Empty – Sender must be at 0 gallons (Empty) – Press Mode button at accept the value
      2.  $\frac{1}{4}$  Tank – Sender must be at  $\frac{1}{4}$  Tank – Press Mode button to accept the value
      3.  $\frac{1}{2}$  Tank – Sender must be at  $\frac{1}{2}$  Tank – Press Mode button to accept the value
      4.  $\frac{3}{4}$  Tank – Sender must be at  $\frac{3}{4}$  Tank – Press Mode button to accept the value
      5. Full Tank – Sender must be at Full Tank – Press Mode button to accept the value
    - iv. Value must be saved
      - i. Scroll down to Save and press Mode button
      - j. Scroll up to Yes and press Mode button (Values are now saved)
      - k. Scroll down to either return or Main Screen and press Mode button