

OEM menu information for PowerView PV-101-A and PV-101-C

OEM

The OEM menu is the last item on the Utilities menu. You must have a password to access the OEM menu. Once in the OEM Menu, select an item by highlighting it and touching Enter to reach additional screens.

ENTER PASSWORD screen – Enter 3482 in the numeric spaces provided. Start at the furthest left numeric value and use the Left Arrow Key to increment the number and the Right Arrow Key to move to the next numeric position. If the Murphy standard key does not work, contact the OEM from whom the engine or machine was purchased. If you have access, the password is user changeable via the PV101-C Config Tool application (not applicable to PV101-A).

MODBUS® Setup

To set the MODBUS, highlight MODBUS SETUP and touch Enter.

- 1) There are four selections: Use Factory Defaults, Serial Port Setup, Slave Address Setup, and Master Active/Slave Active. You can toggle between Slave Active (which is SCADA/remote Modbus master) and Master Active (which is Auxiliary gages). Highlight your selection and touch Enter.
- 2) If in Slave Active, select SERIAL PORT SETUP and touch Enter.
- 3) Scroll through the Serial Port Setup list and make selections for BAUD RATE, PARITY, DATA BITS, and STOP BITS to configure the serial port parameters for your Modbus slave application.

CANBUS Data Rate

Touch Enter to reach the six CANBUS data rates. Use the Arrow Keys to highlight your choice and touch Enter to make the selection.

Select Engine ECU

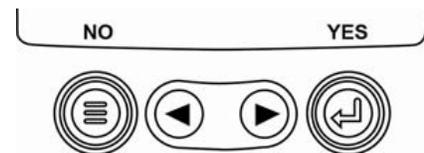
Highlight Select Engine ECU and touch Enter.

- 1) The message “LISTEN TO ECU: ALL” displays as the default setting. This message indicates the

PV101 is listening to all devices on the network.
2) To change the setting to a specific address, touch the Arrow Keys to scroll through the selections (0-253, and ALL).

3) Once the target address displays, touch Enter.

4) A confirmation screen displays; selecting NO (Menu) returns to the SELECT ENGINE ECU screen. Selecting YES (Enter) stores the selected address and returns to the OEM menu.



Set Source Address

Allows setting the source claim address for the PowerView on the CAN Network. Options are Auto Claim or 0 to 253.

Restore All Defaults

PowerView automatically resets after the restore defaults is complete. RESTORING ALL FACTORY DEFAULTS displays when this is selected.

Clear Machine Hours

Use this to clear machine hours internal to PowerView outside of ECU hours.

Set Machine Hours

Machine hours calculate internally when the RPM is greater than 50 and the engine is not broadcasting hours. Use this if you want to track hours for just the machine.

Fuel Setpoints

Highlight and touch Enter to select Fuel Setpoints.

- 1) Touch Enter to turn Fuel Setpoints ON or OFF.
- 2) Choose Set Empty Setpoint, Set Fuel Setpoint, Show Fuel Setpoints, Clear Fuel Setpoints, or choose to set $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$ fuel points.

Fuel Setpoints must be ON to work with a non-Murphy fuel sender. Modifying fuel setpoints is a complex process. To configure for a Murphy Fuel Sender or program for a non-Murphy Sender, find document #1110833, PowerView – Model PV101-C V3.2 Fuel Sender Calibration on the FW Murphy Web site at www.fwmurphy.com/pv101.

DPF Regen Menu ON/OFF (PV-101-C only)

Highlight and touch Enter to turn this option ON or OFF. Turn this option ON to have it available in the Main menu or OFF for no availability in the Main menu.

ENG SPD CTRL Menu ON/OFF (PV-101-C only)

This option must be ON in the OEM Menu for functionality to be available in the Utilities Menu. Highlight and touch Enter. The Speed Control can be Enabled (ON) or Disabled (OFF).