PowerView™ Model PV101-A, V2.3 Modifications

The following changes have been made to PowerView 101-A, please read this and keep with the User's Guide.

Utilities Menu

Information in **Software Version** and **Analog Input** has expanded. The following have moved to the OEM menu: **MODBUS Setup**, **CANBUS Data Rate**, **Select Engine ECU**, **Set Source Address**, and custom **Fuel Setpoints**.

OEM Menu

Added this password protected menu that includes these features: MODBUS Setup, CANBUS Data Rate, Select Engine ECU, Set Source Address, Restore All Defaults, Clear Machine Hours, Set Machine Hours, and Fuel Setpoints.

Main Menu

Service Reminders

SERVICE REMINDERS permit you to RESET REMINDERS or MODIFY REMINDERS for changing engine oil, air filters, and hydraulic oil or for servicing the engine and/or machine.

NOTE: Service Reminders are internal reminders within PowerView. Once a Service Reminder is active, warnings will show SPN 916 and FMI 17. Check **PowerView Service Reminders** prior to calling **Technical Support**.

1. Use the **Arrow Keys** to highlight Service Reminders and touch **Enter**.

2. The **Service Reminders** options display. Use the **Arrow Keys** to select either **Reset Reminders** or **Modify Reminders**, and then touch **Enter**.

3. If you select **Reset Reminders**, use the **Arrow Keys** to highlight the **Reminder** you wish to edit. Touch **Enter**.

4. The **Reminder** name appears at the top of the screen. The action (**ON** or **OFF**) displays mid-screen, and two choices display at screen bottom. Touch **Menu** to **Cancel** the action. Touch **Enter** to choose **Reset**.

5. If you select **Modify Reminders**, use the **Arrow Keys** to highlight the **Reminder** to modify and touch **Enter**.

6. The **Reminder** name appears at top screen. The hour value displays mid-screen and allows you to set the number of hours to elapse before a **Reminder** prompts. Bottom screen shows **Cancel** and **Save**. Touch **Cancel** to discard changes and return to **Reminders** list.

7. Use the right **Arrow Key** to increment the highlighted number. Use the left **Arrow Key** to move to the next number space.

8. Touch **Save**. The **Modify Service Reminder** screen displays. Touch **YES** to save or **NO** to return to the **Reminders** list.

9. A modified **Reminder** displays a (**+**) at right of **Reminder** name when successfully completed. Follow the above steps to modify other **Reminders**.

When finished, touch **Menu** to return to the **Main** Menu.

Utilities Menu

Analog Input

With **Analog Input** highlighted, press **Enter**. You select from two settings:

- **BACKLIGHT DIMMER:** Note - The unit accepts an optional backlighting dimmer (0-1k Ω potentiometer).

- **FUEL LEVEL:** touch **Enter** to reach the Set Low Fuel Level screen. Then, touch **Enter** to reach Low Fuel % screen. Use the right **Arrow Key** to increase, or left **Arrow Key** to decrease the percentage of remaining fuel at which to send a warning. The default is 20%.
  NOTE: The PowerView accepts an optional Murphy

fuel sender (recommend Model ES2F) for fuel level information. Custom setup for a non-Murphy fuel sender is available. See the **Fuel Sender Calibration** document on the PV101-A Literature tab at www.fwmurphy.com.

OEM Menu

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.

The following items are in the OEM Menu.

MODBUS® Setup

Refer to the **MODBUS Setup** under **Utilities** in the **User's Guide** delivered with the PV101-A for step-by-step instructions.

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

Refer to **Select Engine ECU** under **Utilities** in the **User's Guide** delivered with the PV101-A for step-by-step instructions.

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.

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