How do I configure an EMS100 that is connected to a Yanmar engine?

387 Mark Oslund July 17, 2015 Device Configuration Using DSM250, DSM250 (Discontinued), DSM410, EMS100 (Discontinued) 0 11.47K

NOTE: The EMS100 has been discontinued and is no longer offered for sale.

To configure the EMS100 using the DSM250, start from the favorite screen mode and press the enter key or the far right hand button, scroll to configuration and press enter, scroll to device configuration and press enter, scroll to the EMS100 and press enter, scroll to "Engine Instance:" and press enter. If you are configuring a single engine or the port engine in a twin engine configuration then use the up arrow to select instance #0, if you are configuring the starboard engine then choose instance #1. Press enter to save the instance selection or press back to cancel the selection. Next, scroll to the "Label:" entry and press enter, you will be taken to a special screen that will allow you to enter a descriptive label instead of referring to a cryptic instance number. Once you are satisfied with the label, choose "Save & Exit". Next, you will need to configure the Boost Pressure, Drive Trim, Oil Pressure, Water Temperature. Each of these parameter allows you to configure "Gauge Type" and "Sender Type". For the "Gauge Type", you can choose either "No Gauge", or "Yanmar", or "Yanmar/VDO" depending on the type of gauge installed in the Yanmar instrument panel. Please consult the Yanmar instrument panel documentation for determining what type of gauges are installed. For the "Sender Type", you can choose "Disable" if that particular sender isn't installed, or you can choose "Yanmar" or "VDO". Please consult the Yanmar engine documentation for determining what type of gauges are installed. Next, scroll to "Preset Engine Hours" and enter the appropriate engine hours. The EMS100 will report the engine hours, plus it will totalize all future engine time any time the key is switched on. Lastly, scroll to "Tach. Flywheel Teeth". This is where you configure the EMS100 to properly calculate RPM. Either consult the Yanmar engine documentation or look at the tachometer gauge for a small number printed at the bottom of the gauge to determine the number to use for this configuration.

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