

SETTING UP THE AUXILLARY INPUTS AND ICONS ON THE OLED DISPLAY

Depending on the gauge you are using, it will have one or two additional inputs (check your wiring diagram) that can be used for Auxiliary inputs and/or icons that can be displayed on the OLED screen.

Each auxiliary input wire can support ONE function. Aux input or icon input.

Auxiliary inputs are additional gauges that can be displayed digitally on the OLED screen, These are separate from the main gauges on the dials and must use an additional sender separate from the sender used to drive the main gauges.

Icons can be displayed on the screen for various warning inputs from many sources. To display an icon a GOOD GROUND signal is required (grounding the wire will activate the selected icon)

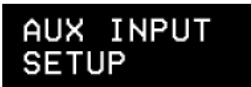
SETTING UP THE AUXILLARY INPUTS

Install sender as needed, run wire (20 ga min) to the appropriate input wire. To set up the functions using the OLED display screen, the vehicle does not need to be running.

Enter the SETUP menu by holding in the programming button while turning on the key.



Scroll to AUX INPUT SETUP or AUX 2 SETUP









Speedometers use AUX Input (Green wire) ONLY

Tachometers and speedo/tachs use AUX INPUT (Green/yellow) and AUX 2 (Yellow wire)

Customs and specialty instruments please check your wiring diagram.

Once you have entered the specified input setting, scroll to the desired reading you would like to display on the OLED screen.

AUX INPUT SELECTION	AUX 2 INPUT SELECTION	DISPLAY ON OLED SCREEN	SENDER USED
AUX INPUT NOT USED	AUX 2 NOT USED	NOT VISIBLE	
AUX INPUT OIL TEMP	AUX 2 OIL TEMP	 168 °F	TEMPERATURE 99320-04
AUX INPUT TRANS TEMP	AUX 2 TRANS TEMP	 167 °F	TEMPERATURE 99320-04
AUX INPUT WTR TEMP	AUX 2 WTR TEMP	 168 °F	TEMPERATURE 99320-04
AUX INPUT OIL PRESS	AUX 2 OIL PRESS	 45 PSI	PRESSURE 99100-04
AUX INPUT FUEL PRESS	AUX 2 FUEL PRESS	 45 PSI	PRESSURE 99100-04
AUX INPUT BOOST	AUX 2 BOOST	 46	PRESSURE 99100-04

Once you are on the desired function to be displayed, press and hold the programming button until the INPUT SET screen is displayed.



This can be changed at any time, just follow the preceding setup process. You may now continue on to other programming features or you can restart the instrument. You must turn the power off and re-cycle the power before setting will take effect. You do not have to start the vehicle, just simply turn the key off and back on again.

NORMAL OPERATION

The auxiliary inputs are designed to be just that, additional instrument features that you may or may not need to be viewing at all times. To view a particular input while using the instruments, tap the programming button to scroll to the display you would like to view. It will remain visible until the button is depressed again.

MORE INFORMATION

The additional inputs are designed to measure temperature and pressure using NVU (or equivalent) senders. The temperature or pressure of virtually anything can be measured, for example Trans temp is shown on the display with a "T" this can be for anything you like, axles, trans, t-case, its up to you, so keep your mind open when it comes to the vitals you would like to watch.

CUSTOM OPTIONS:

Need something special? Custom range? Custom display? We can do that for you. Just contact a factory rep for more details.

SETTING UP THE DISPLAY ICONS

Install sender as needed, run wire (20 ga min) to the appropriate input wire. To set up the functions using the OLED display screen, the vehicle does not need to be running.

Icons can be displayed on the screen for various warning inputs from many sources. To display an icon a GOOD GROUND signal is required (grounding the wire will activate the selected icon)

Some outputs are 12v+, which will not operate the icon signal. To achieve this, a relay will be required (not included). Open collector or non-grounding signals may require a pull-down resistor (not included)

When the icon is activated, it will over-ride the current display and show the icon for approximately 60 seconds before going back to normal operation.

Enter the SETUP menu by holding in the programming button while turning on the key.



Scroll to ICON1 SETUP or ICON 2 SETUP



Speedometers use AUX Input (Green wire) ONLY

Tachometers and speedo/tachs use AUX INPUT (Green/yellow) and AUX 2 (Yellow wire)

Customs and specialty instruments please check your wiring diagram.

Hold the button down for about 1 second, you can now scroll through the different choices.

Once you have entered the specified input setting, scroll to the desired reading you would like to display on the OLED screen.









When you are at the desired choice, hold the button until the screen says the icon name and YES. If it is not the correct icon you can select no with a tap of the button, To confirm YES or NO hold the button for approximately 1 second until the screen goes to the SAVED or CONFIRMED screen.

To turn off all of the icons select NOT USED.



SETTING UP THE DISPLAY ICONS, CONTINUED

Below is the current list of icons available and the corresponding names in the menu. You can use them for whatever you like, they are generic and not meant to be limited to specific items.

ICON 1 Cruise		ICON 1 Trac Ctrl	
ICON 1 Glow Plug		ICON 1 Chk Eng	
ICON 1 Armed	ARMED	ICON 1 Fog Lights	
ICON 1 4x4	4X4	ICON 1 Aux Lights	
ICON 1 4 High	4 HIGH	ICON 1 Low Coolant	
ICON 1 4 Low	4 LOW	ICON 1 Warning	WARNING
ICON 1 4x4 Lock	4X4 LOCK	ICON 1 Open	OPEN
ICON 1 Airbag			

HOW TO SET UP A RELAY TO CONVERT A 12v+ OUTPUT TO A GROUND TRIGGER FOR THE GAUGE.

