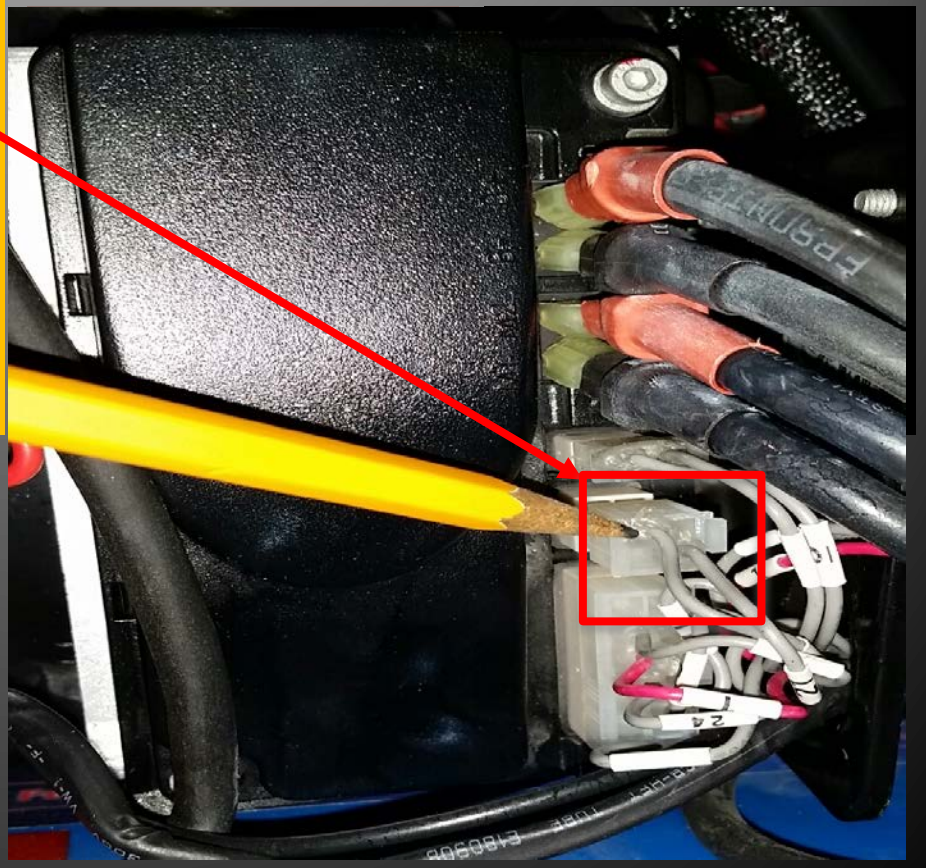
Curtis
Handset Guide

1. Turn the Key Switch off, remove cover (s) as needed

2. Unplug the 4 pin connector from the Curtis panel

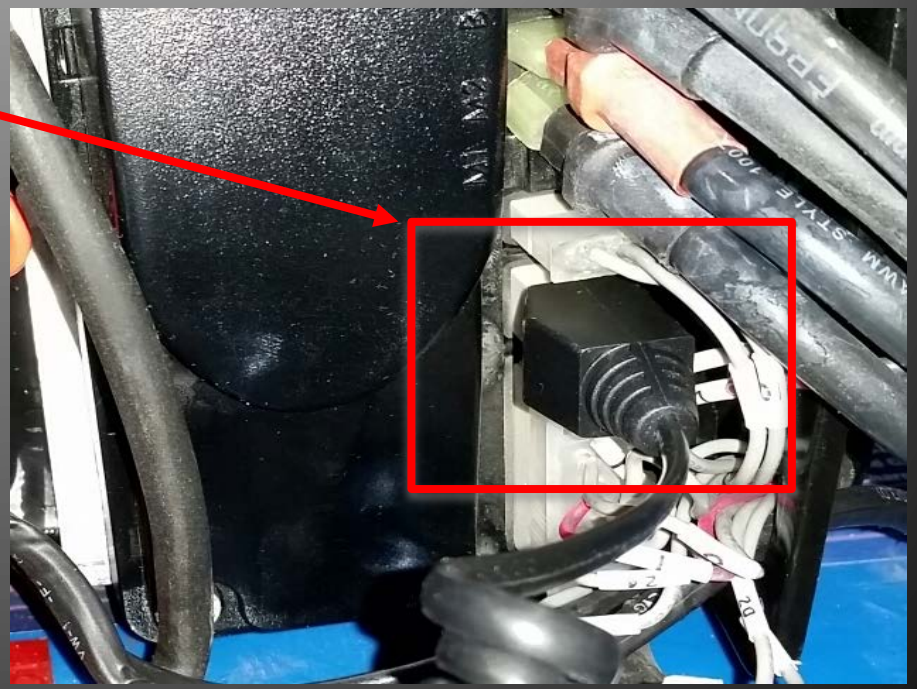
(It is the middle white connector)



1. Turn the Key Switch off, remove cover (s) as needed

2. Unplug the 4 pin connector from the Curtis panel

3. Plug the 4 pin Curtis handset Connector into the Panel



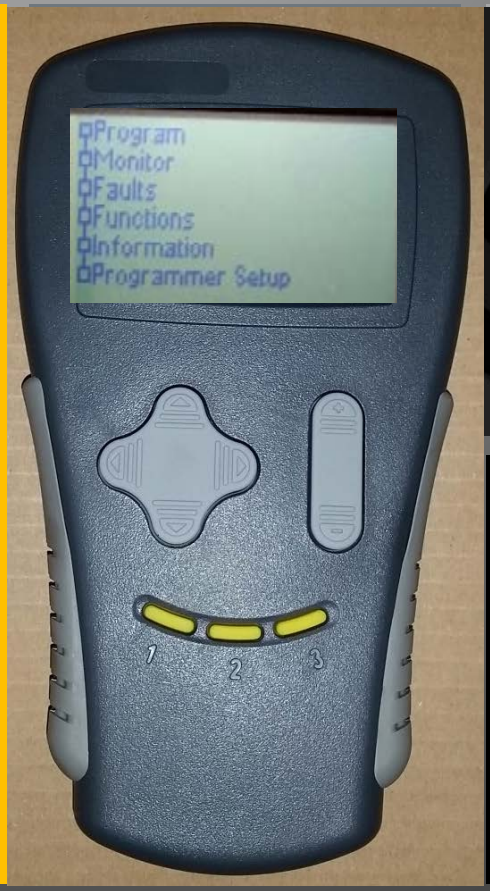
1. Turn the Key Switch off, remove cover (s) as needed
2. Unplug the 4 pin connector from the Curtis panel
3. Plug the 4 pin Curtis handset Connector into the Panel
4. Turn the Key on and that will power up the Curtis hand Set

1. The display will populate the following

- Program
- Monitor
- Faults
- Functions
- Information
- Programmer Setup

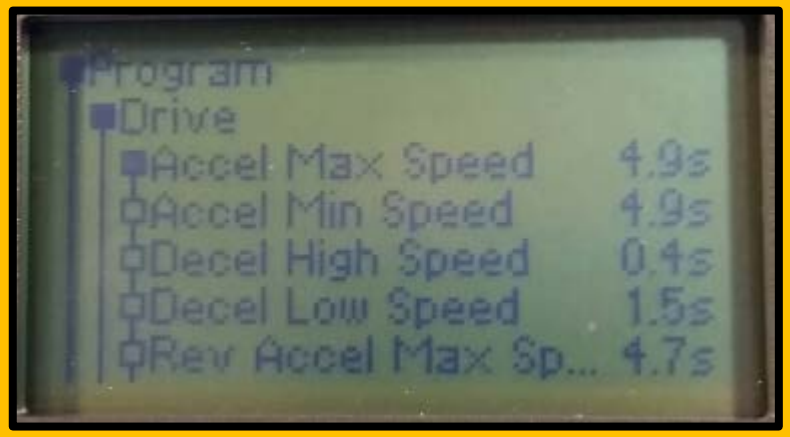
1. Program Menu Items (E series) Factory Values

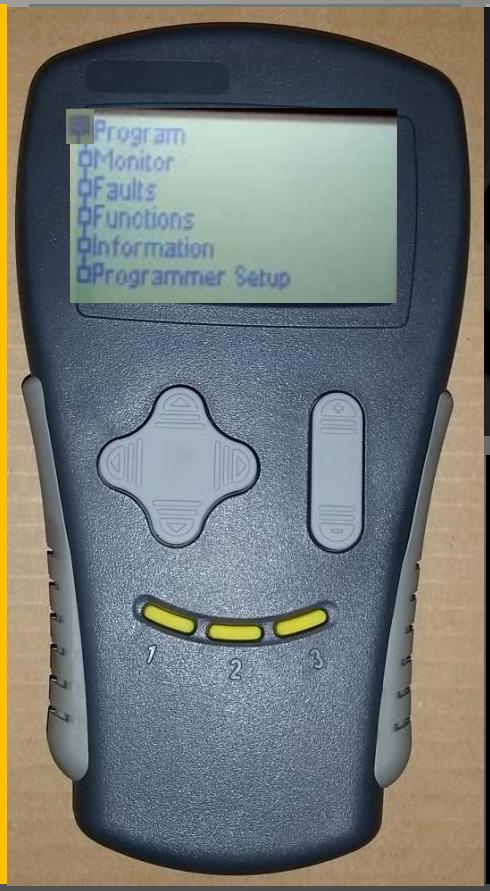
CUTRIS PROGRAMMING SERIES		
Section	Item	Value
PROGRAMMING	ACCELLERATOR MAX SPEED	1.5S
PROGRAMMING	ACCELLERATOR MIN SPEED	4.9S
PROGRAMMING	DECEL MAX SPEED	0.6S
PROGRAMMING	DECEL MIN SPEED	1.5S
PROGRAMMING	REV MAX SPEED	1.5S
PROGRAMMING	REV MIN SPEED	5.0S
PROGRAMMING	REV DECL HIGH	0.5S
PROGRAMMING	REV DECEL LOW	1.5S
PROGRAMMING	KEY OFF DECEL	0.7S
PROGRAMMING	E STOP DECEL	0.6S
PROGRAMMING	E STOP PAUSE	0.5S
PROGRAMMING	SOFT START	25%
PROGRAMMING	GEAR SOFT START	15%
PROGRAMMING	CREEP SPEED	7%
PROGRAMMING	SOFT START SPEED	13%



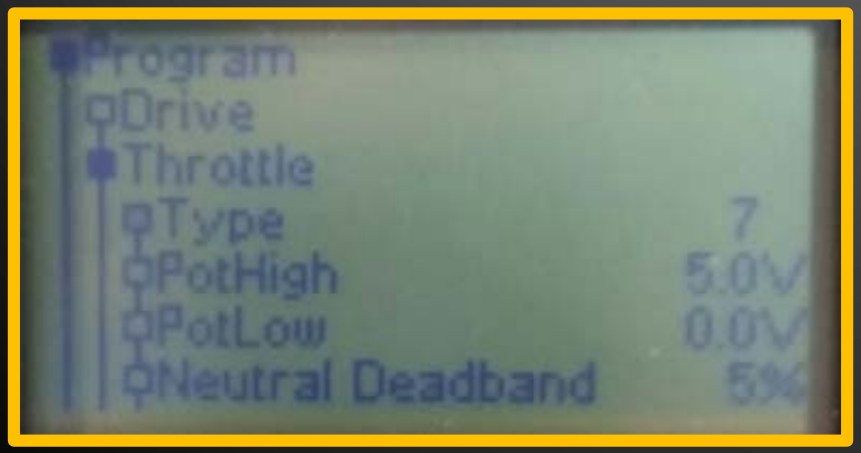
BIG JOE

1. Program Menu Items (E series)
   Factory Values

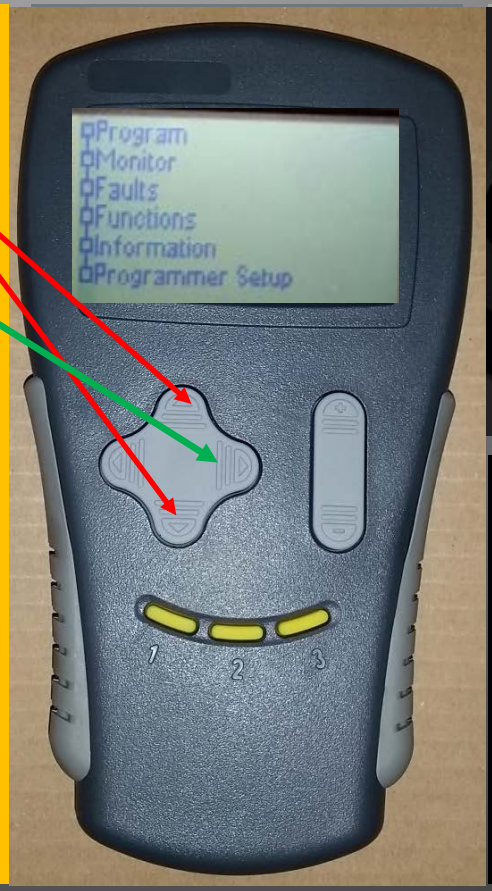




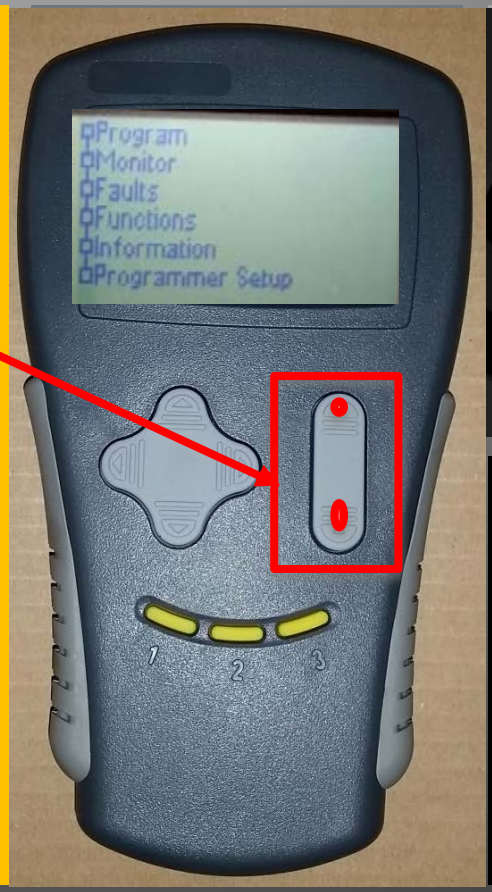
BIG JOE



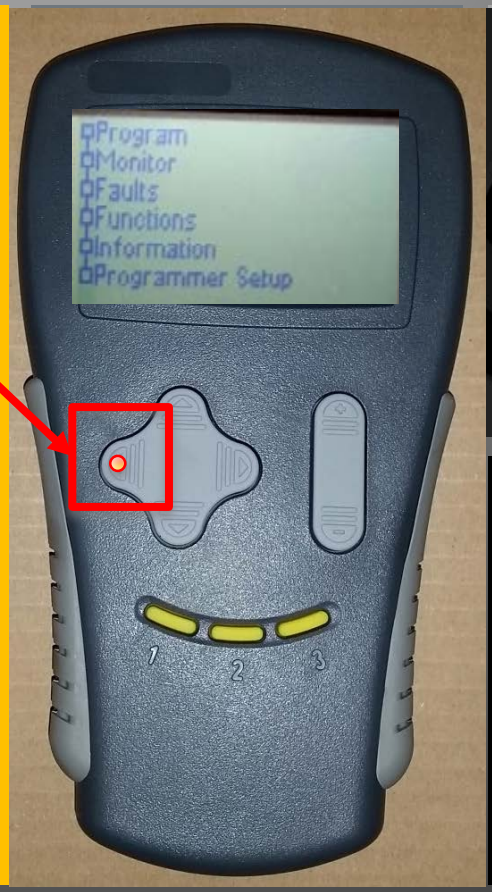
1. To Enter a function scroll up or down with the Arrows shown then when the square box is highlighted press the right Arrow



2. To change the Value of the desired parameter use the Up & Down Arrows on the far right

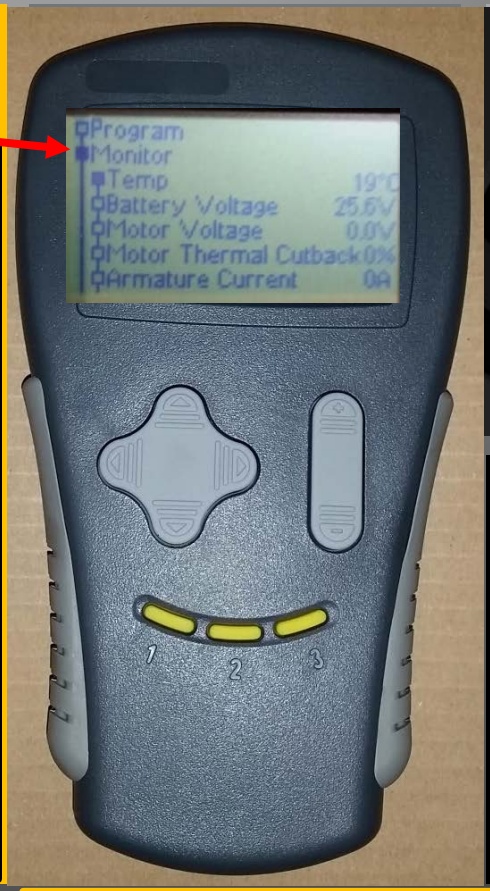


3. After you made your change press the left arrow to back out



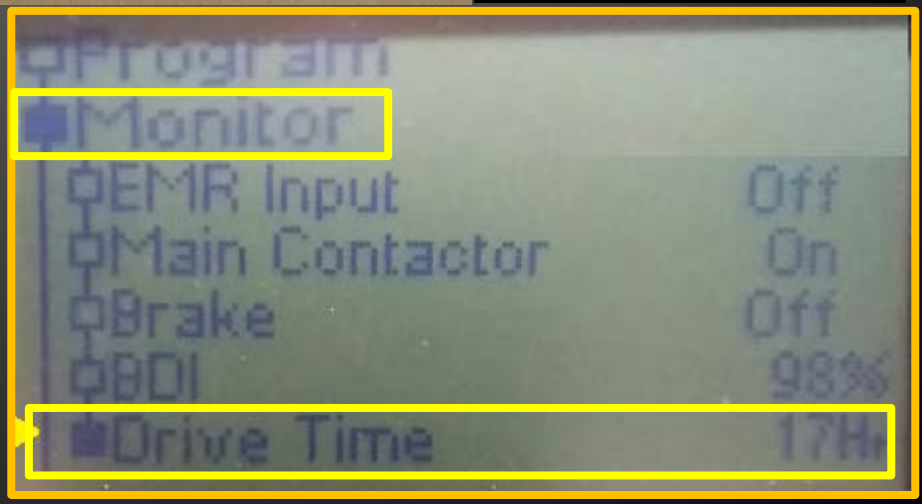
2. Monitor Menu items

CUTRIS MONITOR
Monitor
Temperature
Battery Voltage
Motor Voltage
Motor Thermal Cut Back
Armature Current
Current Limit
Resistance
The Throttle
Speed Limit Pot
Various Inputs
Main Contactor
The Brake
BDI Status
Drive Time Hour Meter

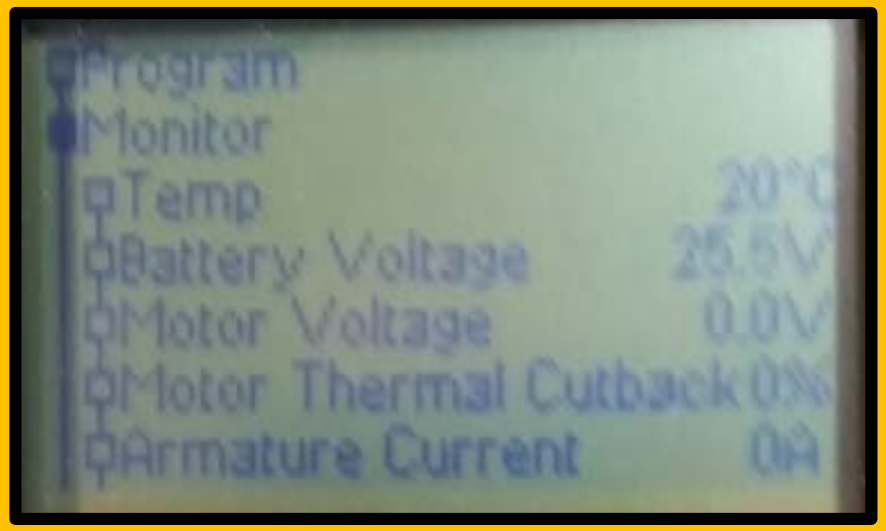


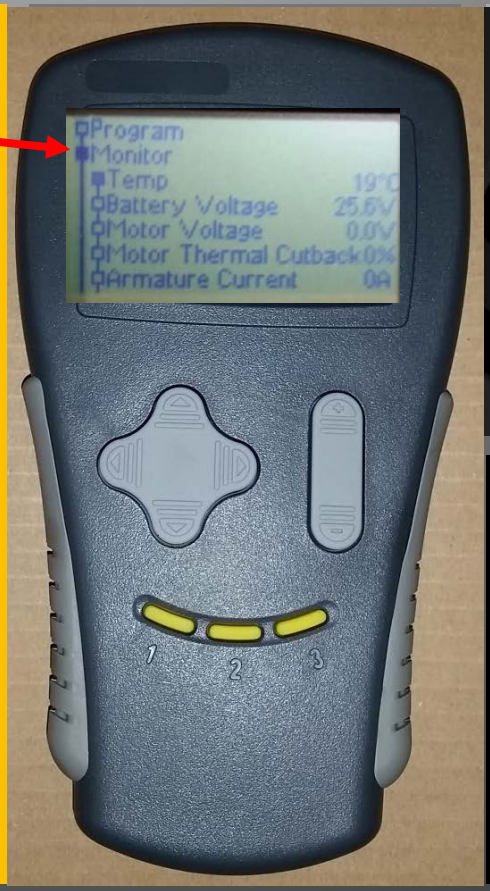
BIG JOE

To get the Hour Meter Reading
(**Mandatory for Warranty Approval**)
It can be retrieved In the Monitor Section, it is the last item in that list



2. Monitor Menu items

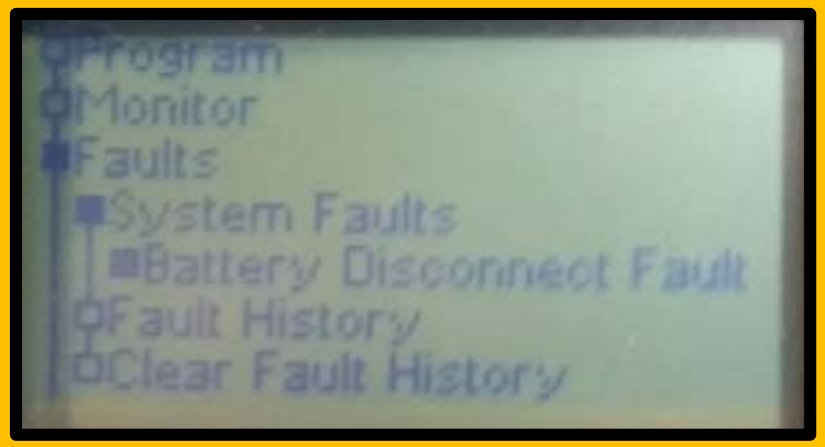


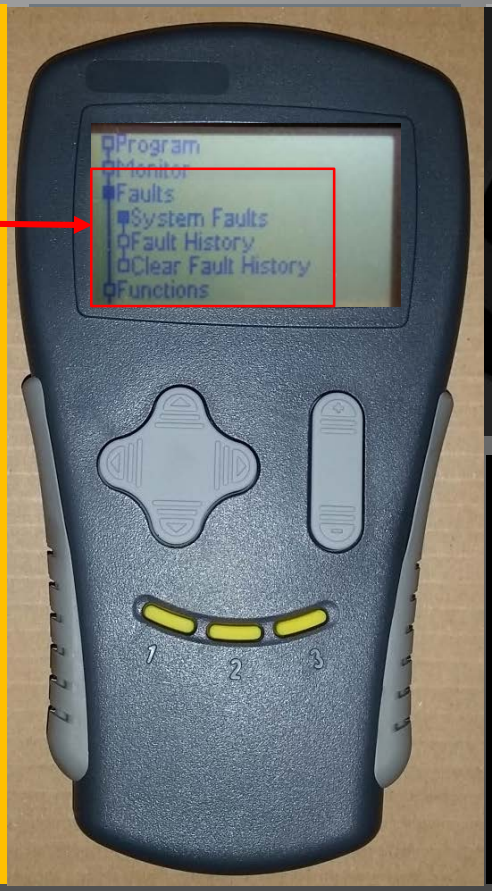


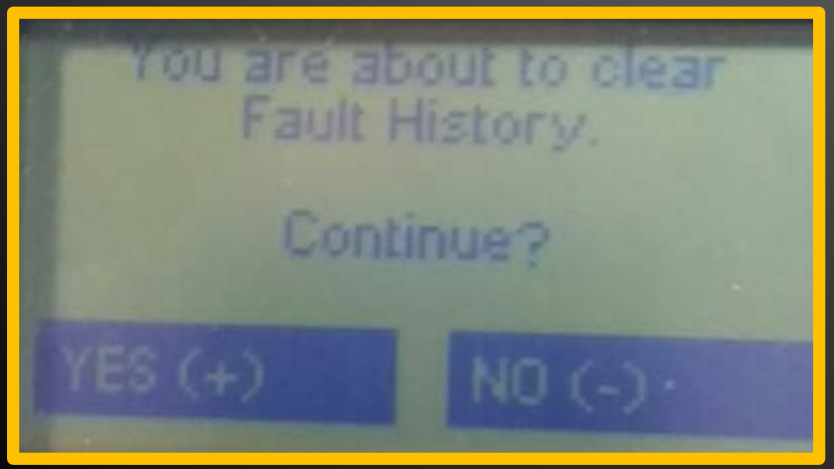
BIG JOE

3. Faults

- See System Faults Live
- Fault History
- Clear Fault History

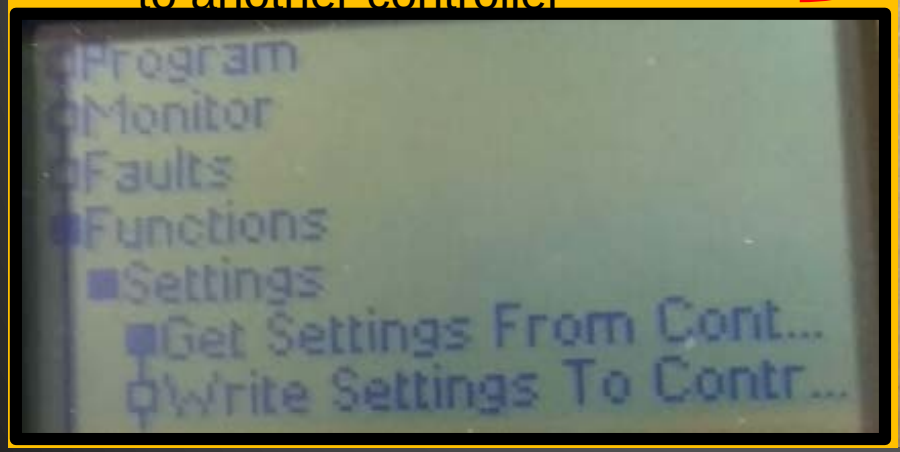


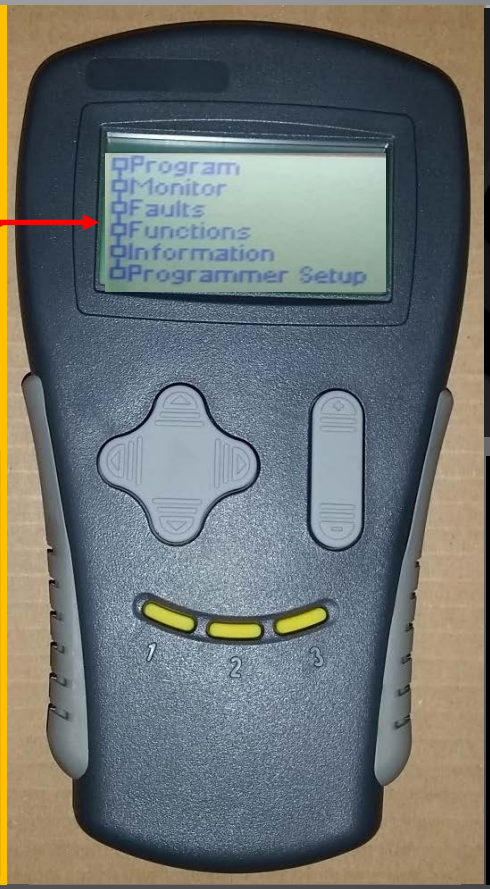




4. Functions

- This will allow you to get stored settings from a controller
- It will Allow you to Clone settings to another controller





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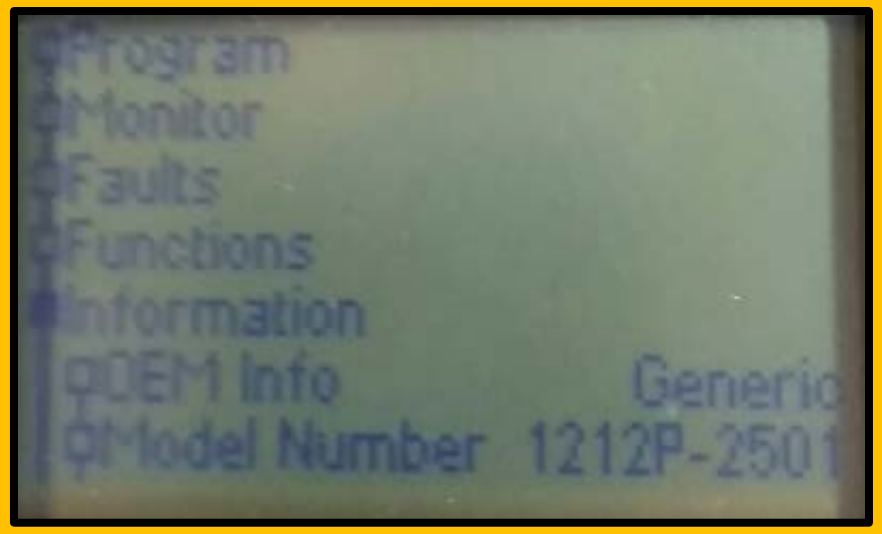
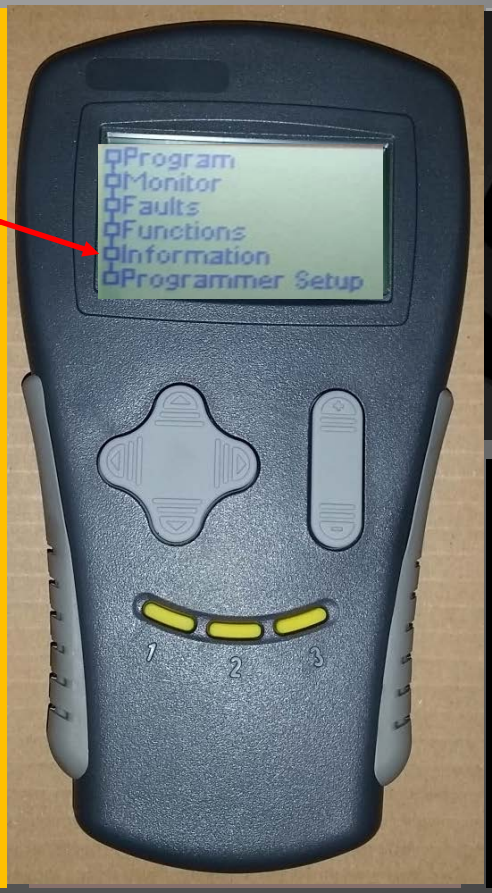
5. Information

- Gives you Model, Serial Number
- Soft Ware version





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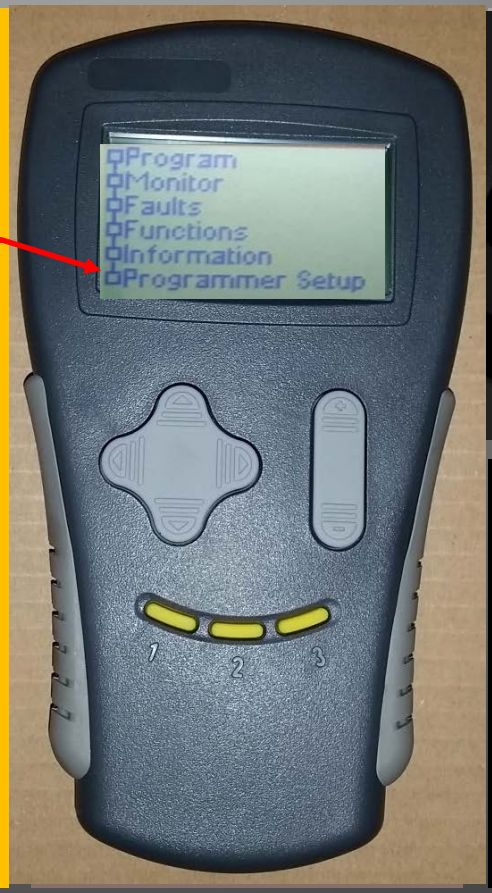
6. Programmer Setup

- Not Used



For further instructions go to:

http://www.bigjoesupport.com/

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    - COMPARTMENT COVER
    - COMPARTMENT
    - FRAME
    - LIFT LINK ASSEMBLY
    - LOAD WHEEL
    - HYDRAULIC SYSTEM
    - PUMP & MOTOR ASSY
    - LIFT CYLINDER
    - ELECTRICAL SYSTEM
    - WIRING HARNESS
    - WIRING CABLES
    - WIRING DIAGRAM
    - OPTIONAL PARTS
    - COMPLETE CATALOG
      - BL-E30-1012 REV 020513

4-2. CONTROLLER TROUBLESHOOTING

4-2.1. Fault Detection.

The controller provides diagnostics information to assist technicians in troubleshooting drive system problems. When a fault is detected, the appropriate fault code is signaled via the panel mounted LED.

4-2.2. Hand Held Programmer (Optional)

The hand held programmer is available that is designed specifically for use with the controller. The programmer is available through your Big Lift LLC dealer.

4-2.3. Fault Recording.

Fault events are recorded in the controller's memory. However, multiple occurrences of the same fault are recorded as one occurrence.

The fault event list can be loaded into the programmer for readout. The Special Diagnostics mode provides access to the controller's diagnostic history file. The history file contains the entire fault event list created since the diagnostic history file was last cleared. The standard Diagnostics mode provides information about only the currently active faults.

4-2.4. General Checkout.

Carefully complete the following checkout procedure. If you find a problem during the checkout, refer to paragraph 4-2.7. for further information.

The checkout can be conducted with or without the handheld programmer (See Paragraph 4-2.2.). However, the checkout procedure is easier with a programmer. To evaluate the system without a programmer, observe the LED and note the flashing pattern and refer to Table 4-2 for the code description.

CAUTION: Put the vehicle up on blocks to get the drive wheel off the ground before beginning these tests.

Turn the key switch off and make sure the brake is applied, the throttle is in neutral, and the forward/reverse switches are open.

Do not stand, or allow anyone else to stand directly in front of or behind the vehicle during the tests.

1. Disconnect the battery charger and connect the programmer to the 4-pin connector (Figure 4-1) on the controller.

Figure 4-1. Controller Terminals

2. Turn the lift truck key switch to the ON position. The programmer should "power up" with an initial display (2, Figure 4-2), and the controllers Status LED should begin steadily blinking a single flash. If neither happens, check for continuity in the key switch circuit and controller ground.

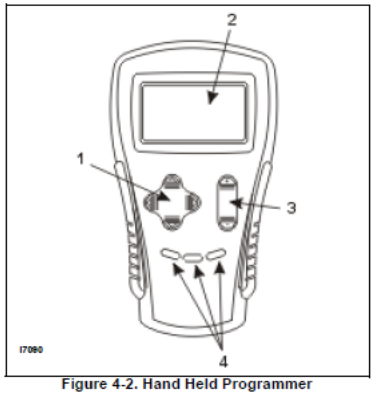

Figure 4-2. Hand Held Programmer

News

July 18, 2014

We have received some information from a couple of customers that they have had some issues with intermittent stop and start in refrigerated trailer delivery applications and therefore we have updated our Service Bulletins with a possible solution for this problem should it occur.

June 12, 2014

We have received some information from our charger supplier in regards to the charging procedures for the following truck models J1, WPT-45, PDS & CB-22. Because of this we have updated the Service Bulletin that you can find under the Service Tab once you logged in. Once you have downloaded the PDF file click on the Informative Bulletins link and then chose the link for IF-006 to read more about this important information.

May 14, 2014

We are pleased to announce that we have now updated the website so that you can get your freight charges and tracking number for your order (it currently only works for UPS orders). Once you are logged in you can either go to "View Orders" and find your order by looking for your PO # and when you find that click on the corresponding "Order ID" in the Left column this will give you a new window where you can see freight charges and also have a link to track the package. The other way you can do it is to click on the "Order Tracking" and enter either your PO # or the "Sales Order #" (Not Order ID), if you chose to use your PO # then check mark the "PO #" box on the right side. When you have entered this information click on the "Search UPS" button and that will open up a new window where you can see freight charges and also have a link to track the package.

November 27, 2013

When you are logged in to the website you can now go to the Dealer Tools tab and download an instructional PDF for how to order parts on the www.bigjoesupport.com website.

November 8, 2013

We have now posted D40 manual under the Online Parts Catalog tab.

September 4, 2013

We have now posted both the EZ-30 and EZ-40 manuals under the Online Parts Catalog tab.