PowerCommand[®] Control 1302 Service Instructions



Table of Contents

SECTION	TITLE	PAGE
1	PCC 1302 Control Service	1-1
	Service Menus	1-1
	Setup Menus	1-3
	Genset Service Menus	1-4
	Viewing Only	1-4
	Menu Navigation	1-4
	Viewing and Adjusting	1-6
	Setup Password Submenu	1-6
	Adjusting Values/Parameters	1-6
	Genset Service Submenus	1-8
	Genset Menu, Part 1	1-8
	Genset Menu, Part 2	1-8
	Fuel System Menu	1-8
	Start/Stop Delay Menu	1-8
	Cycle Crank Menu	1-10
	Battle Short Menu	1-10
	AVR Setup Menu	1-10
	Electronic Governor Menu, Part 1	1-12
	Electronic Governor Menu, Part 2	1-12
	Genset Number Menu	1-12
	Display Setup Menu	1-14
		1-14
	Automatic Voltage Regulator Submenus	1-16
		1 10
	Regulator Gains Menu	1 10
	Governor Crank Eucl Menu	I-IC 1 19
	Electronic Governor Regulator Menu	1_10 1_19
	Electronic Governor Menu	1_18
	Electronic Governor Enable Speed Menu	1-18
		1-20
	Fault Input Function Selection	1-20
	Customer Inputs	1-20
	Fault Input Active State Selection	1-20
	Customer Outputs	1-24
	Metering Submenus	1-26
	Meter Calib Menu	1-26
	Freq. Adjust Menu	1-26
	Metering Voltage Adjust Menu	1-26
	Metering Current Adjust Menu	1-26
	Annunciator Submenus	1-28
	Annunciator Inputs	1-28
	Annunciator Outputs	1-30
	ModBus Submenus	1-32
	ModBus Enable	1-32
	ModBus Setup	1-32

Table of Contents (Continued)

SECTION	TITLE PAG
	Genset Setup Submenus
	Viewing Only
	Menu Navigation 1-3
	Viewing and Adjusting
	Genset Setup Password Submenu 1-3
	Adjusting Values/Parameters
	Genset Menus
	Genset Menu 1 1-3
	Genset Menu 2 1-3
	Applicaiton Rating Select Menu
	Standby kVA Rating Menu 1-3
	Prime kVA Rating Menu 1-4
	Battery Select Menu 1-4
	Battery Thresholds Menu 1-4
	Battery Delay Setup Menu 1-4
	Oil Pressure Setup Menus 1-4
	Voltage Protection Submenus 1-4
	High AC Voltage Menu 1-4
	Low AC Voltage Menu 1-4
	Overfrequency Menu 1-4
	Underfrequency Menu 1-4
	Alternator Protection 1-4
	Current Protection Submenus 1-4
	High AC Current Menu 1-4
	Engine Protection Submenus 1-4
	Engine Protection Overspeed Menu
	Engine Protection Speed/Frequency Menu
	Low Oil Pressure Warning Menu 1-4
	Low Oil Pressure Shutdown Menu
	High Coolant Temperature Warning Menu 1-5
	High Coolant Temperature Shutdown Menu
	Engine Protection Low Coolant Temperature and Battery Charger Menus1-5
Appendix A	PCC 1302 Menu System Maps A-

1. PCC 1302 Control Service

SERVICE MENUS

Figure 1-1 shows a block representation of the menus available from the Service Menu.

The first Service Menu can be viewed from any of the Operator menus by simultaneously pressing the \bigstar and \checkmark selection buttons for two seconds. The first Service Menu provides access to the following menus:

- Setup Menus See page 1-3
- History / About
- Screen Adjust

Changes can be made to Adjust submenus without entering a password. However, a password is required to change any of the Setup submenus.

To return to the Operator menu that was displayed prior to viewing the Service Menu, press the button.

 Menu. The second Service Menu provides access to the following menus:

- Fault History
- Status
- Lamp Test The six LEDs on the control panel should light as long as the button (6) is pressed.

The third Service Menu can be viewed by pressing the \checkmark selection button on the second Service Menu. The third Service Menu provides access to the Network Status menus. The Network Status menus are displayed when the (7) button is pressed on the third Service Menu. Two menu are used to display the quantity of the following devices that are connected to the network.

- Universal Annunciators
- Bar graphs
- Battery chargers
- Controls
- I/O modules
- Operator panels

Cummins Power Command Control Service

Full download: http://manualplace.com/download/cummins-power-command-control-service/



FIGURE 1-1. SERVICE MENUS

1-2