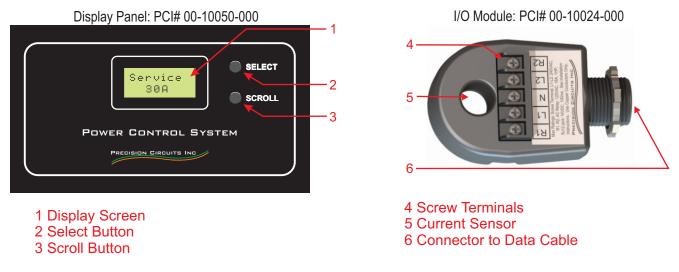
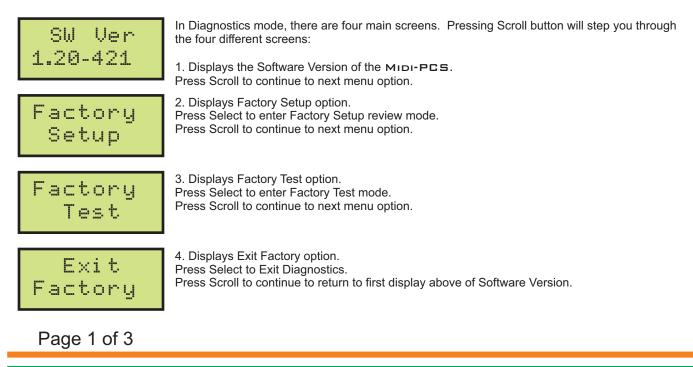


Diagnostics embedded in the MIDI-PCS including: Factory Setup and Factory Test.

Overview: Fully automatic Power Control System which requires little to no user interface. The display is there to help the RV user understand power management and the function of the MIDI-PCS. The MIDI-PCS monitors the total AC current of an RV and prevents circuit breaker tripping by momentarily shedding up to five loads. As the user turns on additional appliances (such as a microwave, coffee pot, or hair dryer), the MIDI-PCS can shed the loads that it controls, (such as the water heater & air conditioner). As the user's selected appliances are turned off, and a minimum of 2 minutes has expired, the MIDI-PCS will automatically turn power back on each of the shed loads in reverse sequence, . The MIDI-PCS will constantly monitor 120VAC RV power and shed and restore power to the five controlled loads. The display panel has all the brains, a data connector to the I/O module, and an additional connector to control 120VAC powered appliances, and Service Type detect circuitry.



Diagnostics: Press and Hold both the Select and Scroll buttons for 5 seconds to enter Diagnostics Mode.



MIDI- POWER CONTROL SYSTEM FACTORY (J) υ **Q**. Т Û



Factory Setup: Pressing Select while Factory Setup is displayed brings user to this Display.

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421Winne bago170	This is the 18 character RV Data-2 Reference ID spread over screens. Press Scroll to get to the second screen. 421Winnebago170151 is interpreted as follows: 421 matches the last 3 digits of the part number, for example 00-10050-421 Winnebago170 identifies the RV manufacturer and model 151 identifies the revision of the RV Data-2 as year 20 <u>15</u> release # <u>1</u> of that year. This is useful information in case the MIDI-PCS ever needs to be identified for replacement. Press Scroll Button to move to next Display.
151	
Checksum 0XB786	This displays the Checksum of the entire RV Data-2 file. It can be used to confirm any data corruption. RV-Data-2 file contains the personality of the MIDI-PCS which includes RV Model specific information like Appliances to shed and how they are wired, Generator size, and whether RV is 50A capable. Press Scroll Button to move to next Display.
Shed Order	This is a menu option to review appliance Shed Order. Press Scroll Button to skip Shed Order and move to Exit Setup Display. Pressing Select Button takes user to the next Display below.
Shed 1 WaterHtr	Example: The 1st appliance to be shed is the electric Water Heater. Most likely it is the least important appliance and will also be the last one to be turned back on. In the case of the Water Heater, the LP heater will heat the water when the electric Water Heater is shed. Press Scroll Button to move to the next Load to be Shed.
Shed 2 Refrig	 Example: The 2nd appliance to be shed is the Refrigerator. An RV Refrigerator will automatically switch to run off the LP when electric power is removed. Note: Shed Order can not be modified, only viewed. It has been carefully planned by the RV OEM. The same information can be seen in normal operation mode, since Loads are listed in Shed order.
Exit Setup	Pressing Select Button to Exit Setup mode. Press Scroll Button to return to the top of this page and Display RV Data-2 Reference ID.

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Factory Test: Pressing Select while Factory Test is displayed brings the service technician to this Display.

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