

## Low Voltage / Ground Issues ?

Symptoms:

- Unit keeps clicking on & off.
- Unit continually re-boots like key is being turned on & off.
- Back light in Display on but no data on screen. (No beep if up or down key pressed)

Unplug the small White Connector at Servo Motor (Has 2 red Wires) Now turn Key ON and if Display starts normally, press the Menu & Up Keys at the same time. CONTRAST will be first on the list. Use Menu Key to move to **SYSTEM INFO**, press up key to enter. What is Battery Voltage ? Now plug the Servo back in and watch voltage. Is it less than 11?

With key ON, most boats will show over 11 volts with Servo connected. With engine running, the voltage shown should be 13+.

If low voltage is an issue, see where the 12v Purple Power Wire from the PerfectPass Master Module under the dash is getting power. If at the back of tachometer, try moving it to the Purple Wire Screw on the back of the Key Switch.

**Ground** – A poor ground can also cause these issues. If voltage measures strong but problems persist, try locating a better ground.

## **Star Gazer System – Constant Clicking**

Try unplugging the GPS Receiver, if the problem stops then it is likely a poor ground issue.