

The unit has been factory set to provide a ratio of 0.6v between the Absorption and Float rates. Some AGM batteries require a 1.0v ratio. To change this ratio, proceed as follows;
Note: Please read carefully before proceeding, if you get this wrong, you will have to send the unit back for bench adjustment.



1/ on the left side of the ZM4 you will see a small hole approximately 20mm down from the top. You will see a small adjusting screw on the inside of the box [A] one turn is equal to approximately 0.5 volt (note the system follows logic, i.e. OUT is to lower the voltage, IN is to increase the voltage).

2/ With engine running at normal cruise rpm and normal load applied and **ONLY** when the **Green** Float LED is **On**. Adjust the main adjuster [B] to the desired lower voltage, let's say 13.7v, stabilise for 5 minutes and ensure voltage steady on desired figure, do not adjust this pot until finished items 3 and 4.

3/ Trip the ignition off then on, you can do this by interrupting either the NEG or IGN terminal or if your engine installation can handle it (i.e. diesel) then cycle the ignition switch, however you do it make sure your rpm remains constant to ensure the voltage remains steady.

4/with the tripped ignition the **Yellow** Absorption LED will be On, you then adjust, with the small set screw [B] the desired upper voltage, say 14.6v, , stabilise for 5 minutes and ensure voltage steady on desired figure