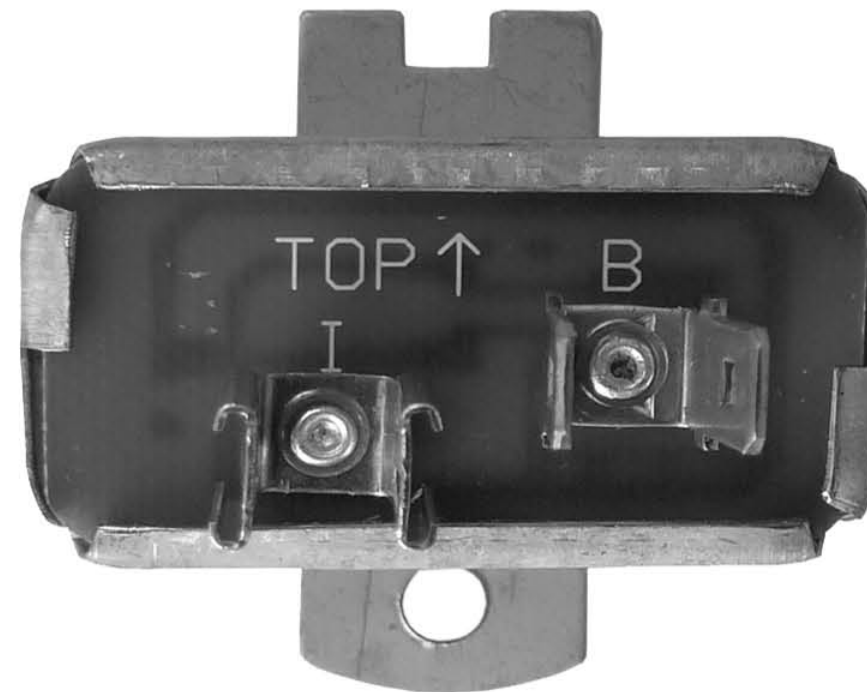




## Voltage Stabiliser/Regulator



Caerbont Automotive  
Instruments



Smiths Classic bimetal gauges operate on a stabilised 10 volt supply. A healthy car battery will supply somewhere in the region of 13.5 volts. A voltage stabiliser must be fitted to the gauge supply line. There are many variants of the Smiths voltage stabiliser but the connection should remain the same.

Connection 'I' - Depending on the variant, this connector may be a single male or female or a dual male or female. The 'I' terminal is connected to the gauge.

Connection 'B' - This connection can vary in the same way as 'I'. The 'B' Terminal is connected to the battery supply via the ignition switch.

Mounting Bracket - Depending on the part number, the mounting bracket appear on the sides, top or bottom of the case. The case **MUST** be connected to ground, this is generally achieved by fixing the bracket to the chassis or other earth.