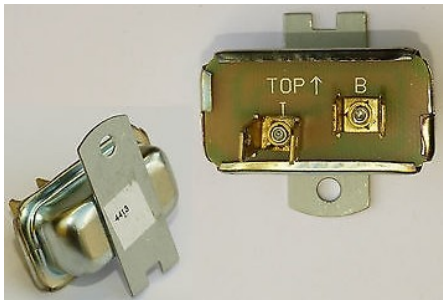
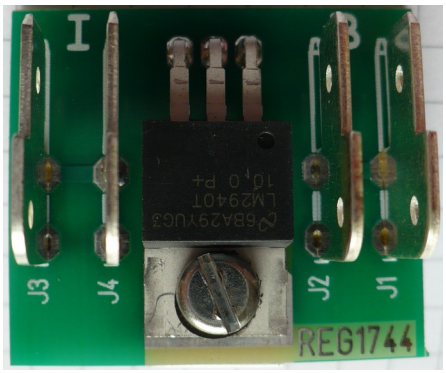
## 10V Regulator for Instruments

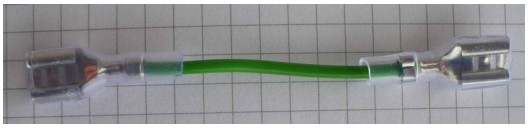



Temperature Gauge and Fuel Gauge of MGB (and other British Cars) need a Voltage Regulator (Original Device BHA4602 or equivalent) that stabilizes the voltage for the instruments to 10V. The reason for it is the kind of instruments (heat wire) and the sensors used (variable resistor). The current flowing through the instruments defines the displayed value.
The Original device does this by variing closing- and opening- Time a contact according to the battery voltage (10 - 14V). As the instruments do act very slowly to change of voltage, the frequency (Contact ON/OFF) of the voltage applied can be very low.

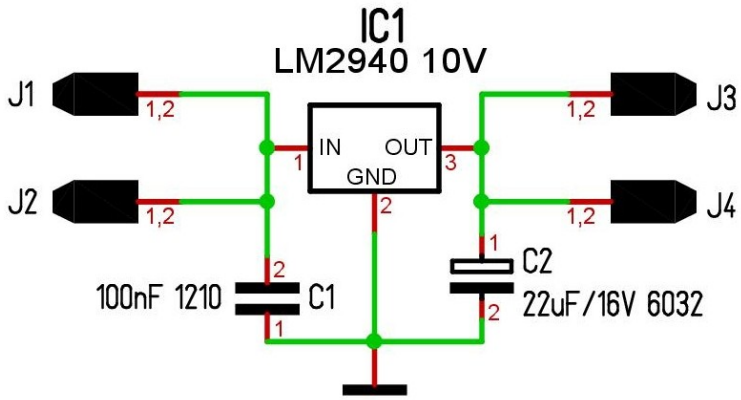


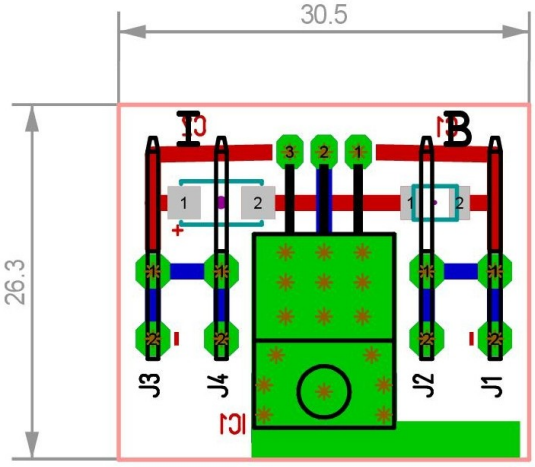

Modern regulators use Soilid State Regulators which are more stable, do not wear and are even cheaper than those electromechanical counterparts.

I realised such a device, using an automotive regulator, based on a simple Printed Circuit Board (PCB). It can be fixed with the same screw used for the old device and has the same Faston 6.3mm connectors. Some use a female connector on one side, so you need a simple adapter cable



The circuit is simple and the PCB and Layout also




PCB, Parts and Kit and ready to install Regulator can be ordered on demand. There is no Copyright on it!