Figure 26. High Input and Output Voltage.

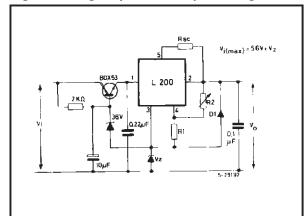
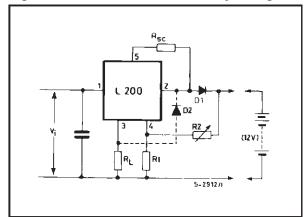


Figure 27. Constant Current Battery Charger.



The resistors R_1 and R_2 determine the final charging voltage and R_{SC} the initial charging current. D_1 prevents discharge of the battery throught the regulator.

The resistor RL limits the reverse currents through ther regulator (which should be 100 mA max) when the battery is accidentally reverse connected. If $R_{\rm L}$ is in series with a bulb of 12 V/50 mA rating this will indicate incorrect connection.

Figure 28. 30 W Motor Speed Control.

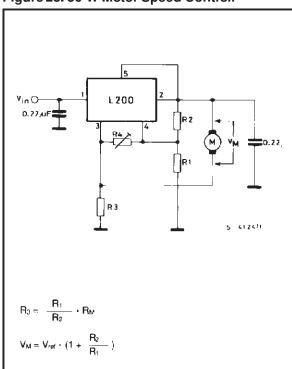


Figure 29. Loww Turn on.

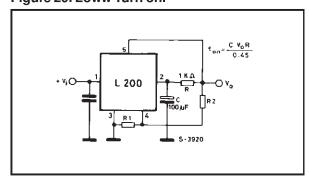


Figure 30. Light Controller.

