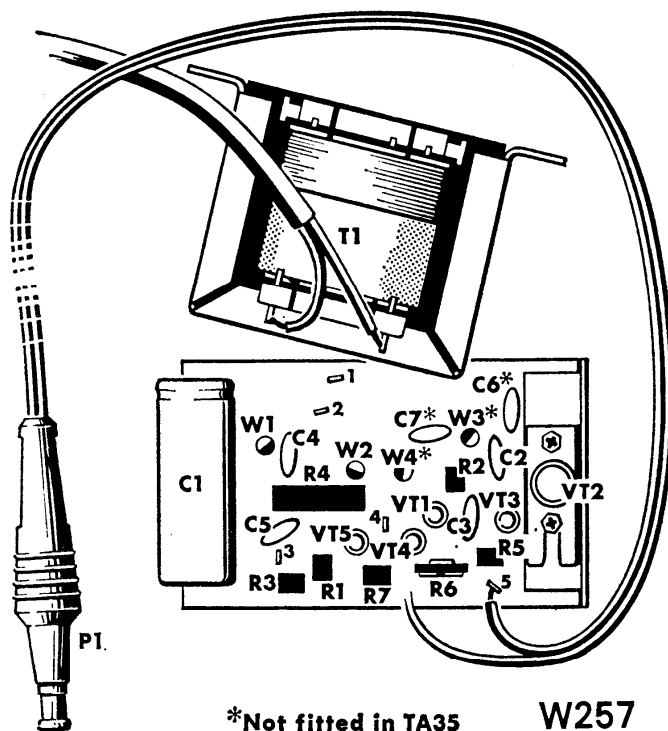


B.R.C.**Models TA 35, TA 36**

General Description: Mains Adaptor Units which are designed as alternative power sources for battery-operated transistor radios such as Model 2170 (9V) or 2171 (18V). Each radio is fitted with a special socket which accepts the Mains Adaptor output plug (the internal radio battery being automatically disconnected).



(W257) COMPONENT LAYOUT—MODELS TA 35, TA 36

Dismantling (both units): Unplug unit from mains then remove two screws securing cover. To gain access to component side of printed board, take out two countersunk screws securing metal bracket to base moulding and also screw and washer securing printed board to base moulding.

The power supply unit is to a large extent self-protecting and a short-circuit of the output voltage will not cause any damage provided it is of short duration. If the unit is not to be used for a considerable time it should be disconnected from the mains supply.

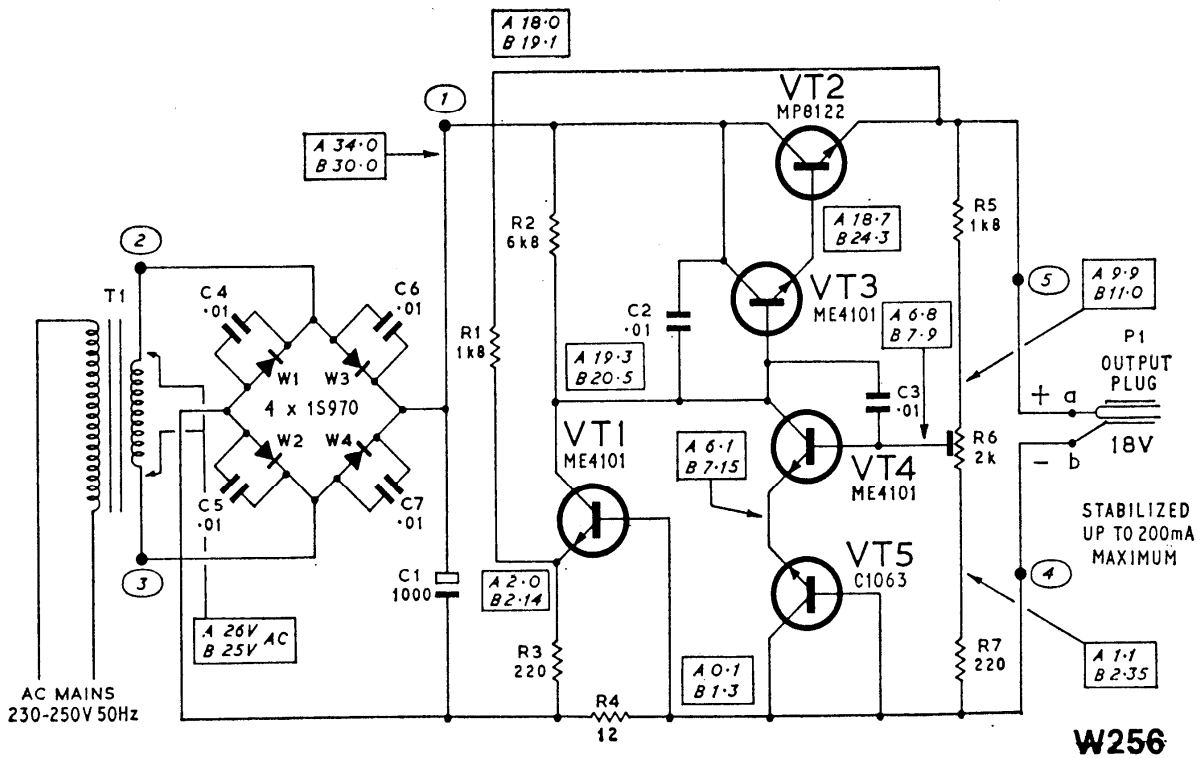
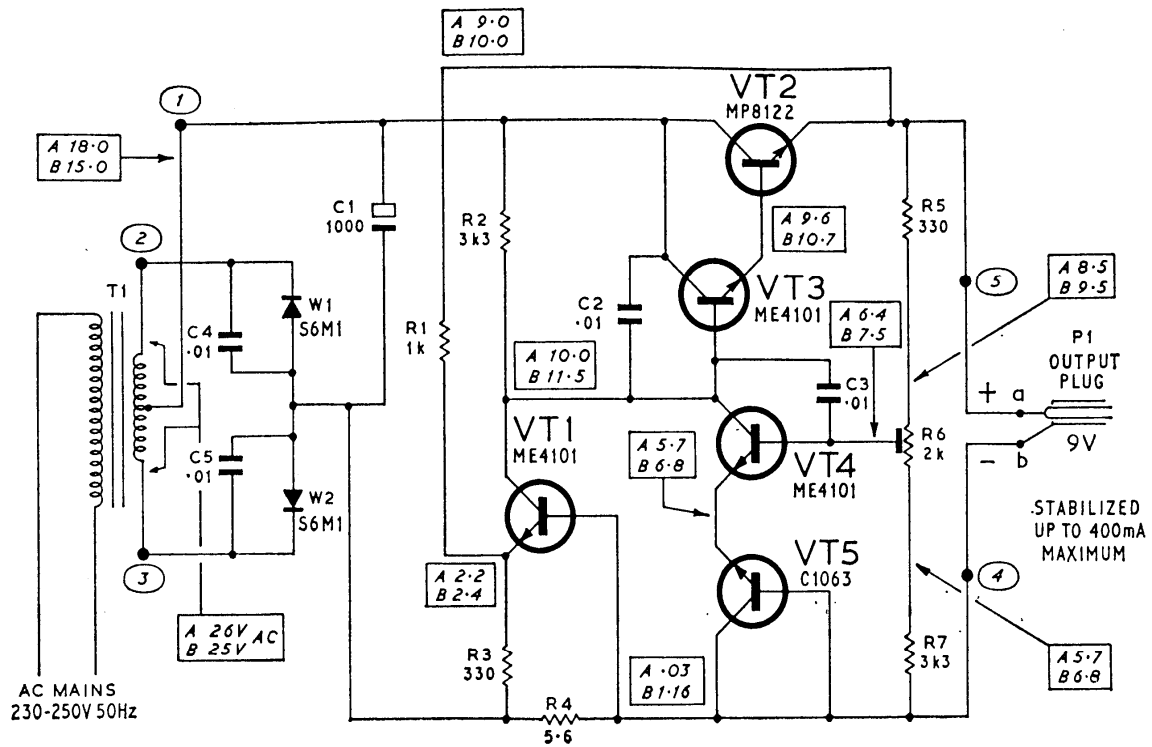
Voltage Adjustment: The stabilised voltage required is initially set by the potentiometer R6 during manufacture, and normally no further adjustment is required unless components in the stabiliser are replaced.

Circuit Diagram Notes: Figures in rectangles are DC voltage readings taken with a 20,000 Ω /volt meter. They were measured with respect to the negative end of C1.

'A' denotes no load.

'B' denotes half maximum current.

Ringed figures indicate printed board tag connections. In some TA35 units R5 is 220 Ω and R7 is 4.7k Ω .



(W256) CIRCUIT DIAGRAMS—MODEL TA 35 (Top), MODEL TA 36 (Bottom)