

Components

D1, 2, 3, 4	1N4148	
D3	1N4004	(1N4003/4 can be supplied)
R1A, R1B	100Ω	1 Watt
R2	1KΩ	.25W
R3	10KΩ	.25W
R4	100Ω	.25W To be fitted for 5 volt relay
C1	100nF	104
C2	47μF	Electrolytic (Observe Polarity)
TR1	2N7000	
Relay	5 volt or 12volt can be supplied	
Wire Link	To be fitted for 12 volt relay	
L1	Red or Black Toroid can be supplied)	

Misc. Parts: Wire for L1, PCB, Vero Pins

The kit will be provided with either a 5v or 12v Relay, both work equally well. The only difference is that if you have a 5v relay, you will need to fit a current limiting 100 ohm resistor R4 (provided), in series with the coil. If a 12v relay is provided, this resistor should be replaced with a wire link (provided).

Fig 1.

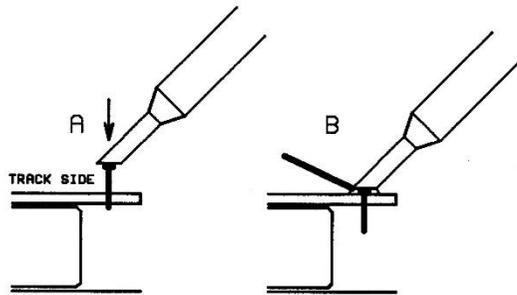


Fig. 2

