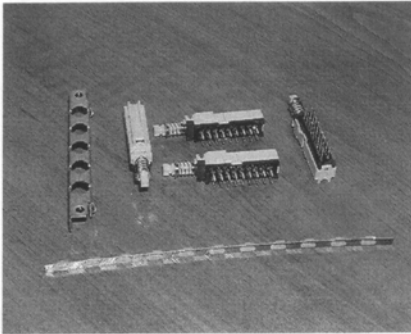


Assembly instructions for PV - Series Subminiature Interlocking Switch.



Step 1 – Check your kit

Your subminiature interlocking switch set should include:

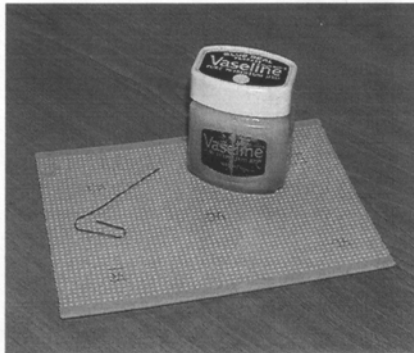
- multiple switches
- an interlocking cam
- 4 springs
- a mounting bracket

N.B You will only need to use one spring but there are four supplied as they are easily lost.

Step 2 – Tools for assembly

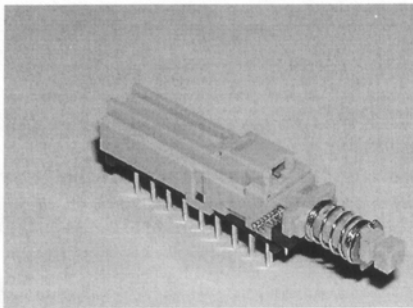
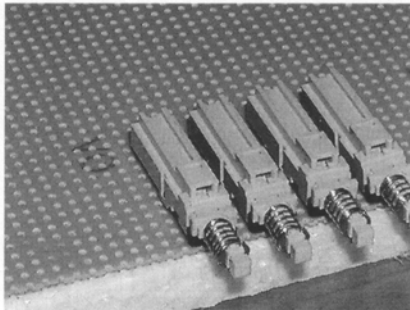
It is useful to have:

- Petroleum jelly
- a small piece of wire
(Straightened paperclips will work)
- a means of holding the pre-mounted switches in place.
(In this example I used a vero board, but pressing the switch legs carefully into a small square of polystyrene.)



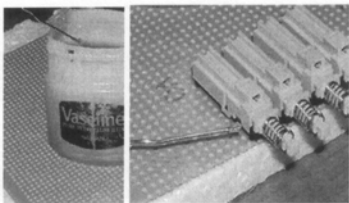
Step 3 – alignment of switches

Place the switches in the board as they would be when mounted in the bracket (as pictured). This needs to be done accurately as to allow the cam and the bracket to fit properly.

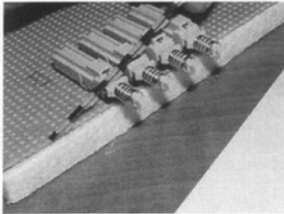


Step 4 - Placing the spring

The spring will only have to go on the left switch, the other switches do not need springs. The spring fits onto a small pip located on the left front of the switch (as pictured). In order to get this to stay in place use petroleum jelly.

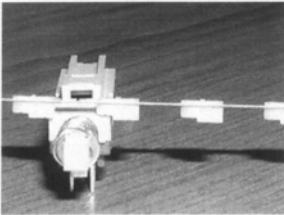


N.B Use the paperclip to apply a small amount of petroleum jelly to the pip, then insert the spring onto the pip and it should remain in place.



Step 5 – Placing the cam

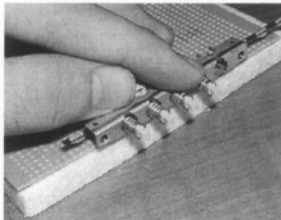
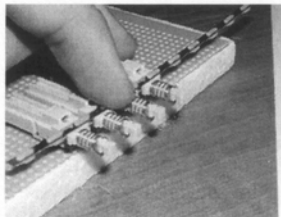
Now place the cam on the top of the switches pinching the spring between the switch and the white interlocking lug.

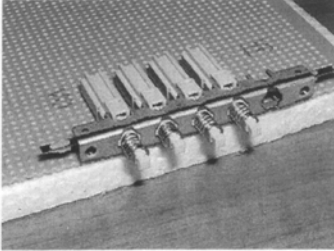


N.B Remember to cut the cam to size and make sure it is the correct way round (the right hand picture shows the cam going into a switch)

Step 6 – placing the mounting bracket

Once you have the cam on, hold it down with your finger and slide the mounting bracket over the front.





Step 7 – Final check and Crimping

Now you should check that the switch is interlocking. You crimp the bracket around the switch to make it secure, remove it from the board you used to hold it and the complete interlocking switch assembly is ready for use.