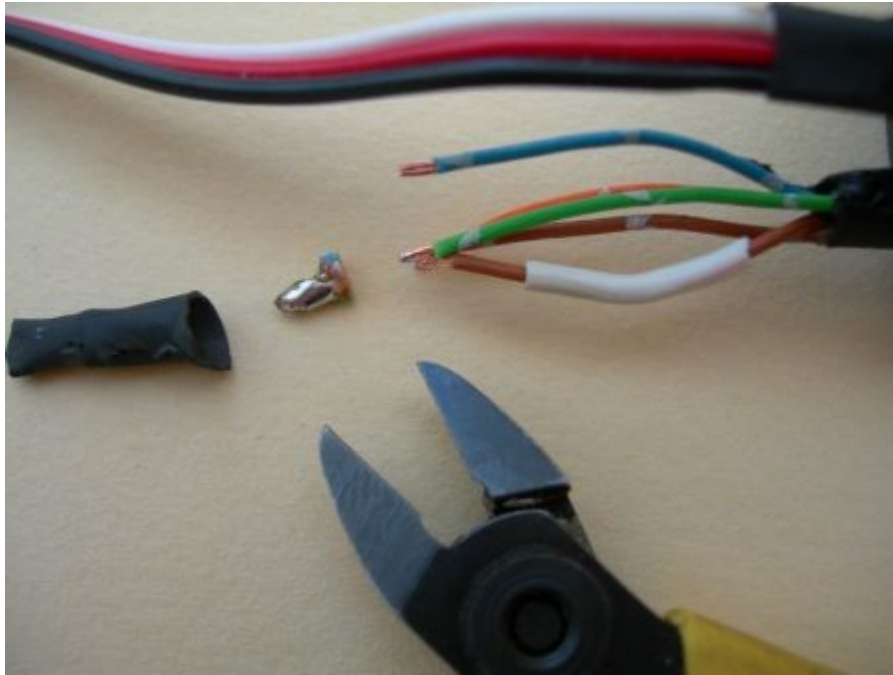


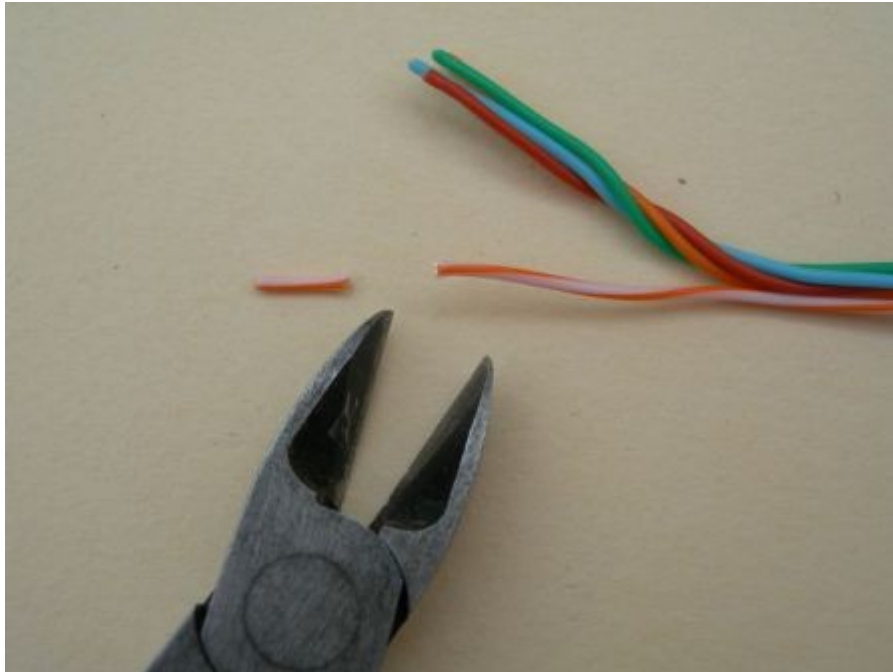
Fitting a switch to adjust the modes of the LMF, rather than cutting the mode wires is very simple, a basic skill of soldering is all that is required. Below is a pictorial set of instructions detailing each step. Please read through the complete document to familiarise yourself before proceeding.

- 1) Using wire cutters carefully cut away the rubber heat shrink tube at the end of the mode wires.
 - 2) Cut the end of the wires off, where they are soldered together.
- Note:- If the mode wires have previously been cut, you can cut them all at the same point, providing there is enough wire left to enable the switch to be fitted.



3) Cut 6mm from the end of the white wire.

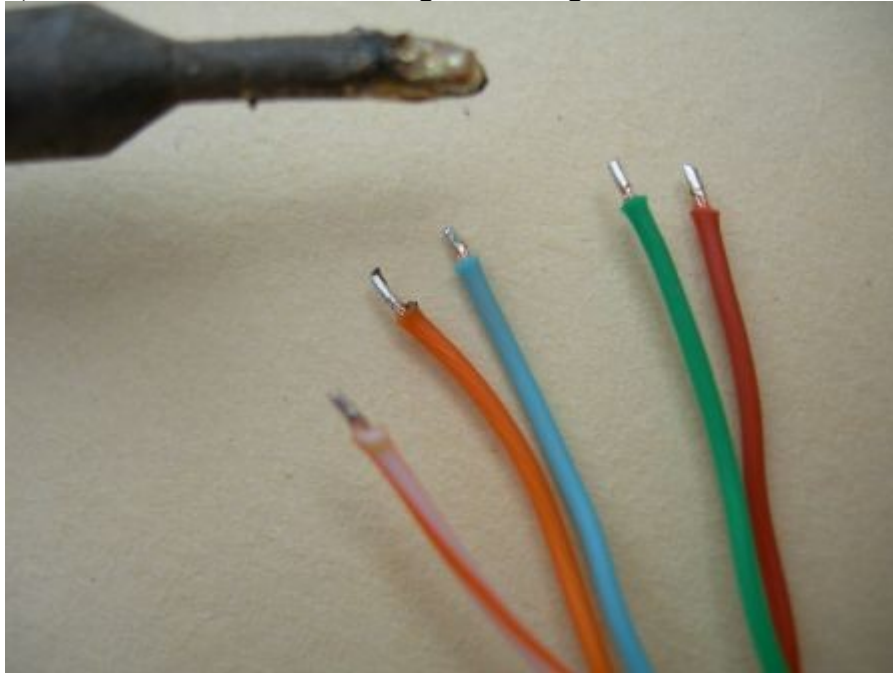
Note:- the White wire will also have a trace of another colour, but should be easily identifiable



4) using a modellers knife carefully remove 2mm insulation from the end of each wire.

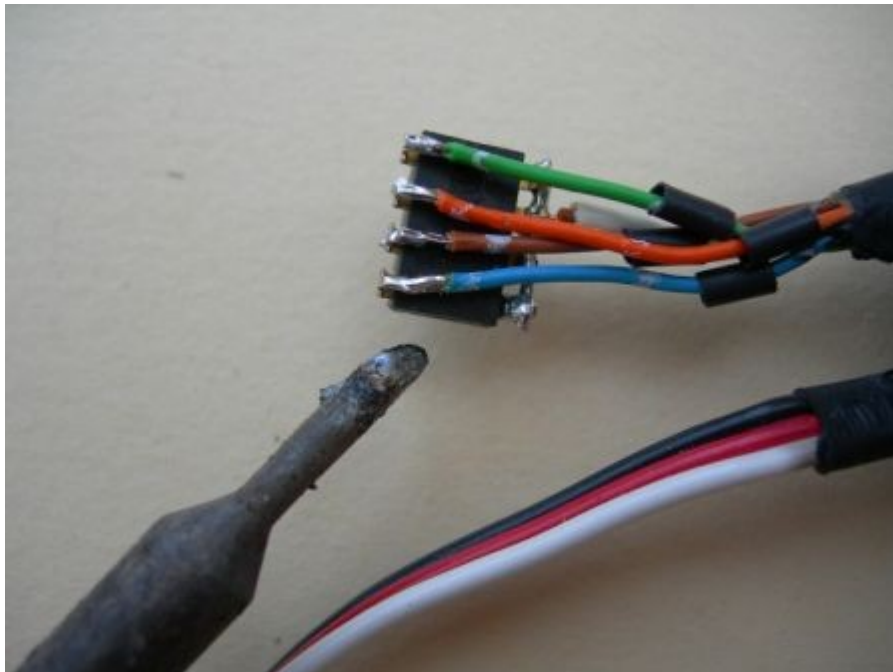


5) Tin the ends of the wires using a soldering iron & solder.



6) Cut the small heat shrink tube into 5 pieces and slide one piece over each wire.
7) Solder each coloured wire onto the switch. Ensure you keep the heat shrink tube well away from the end of the wire and the soldering iron.

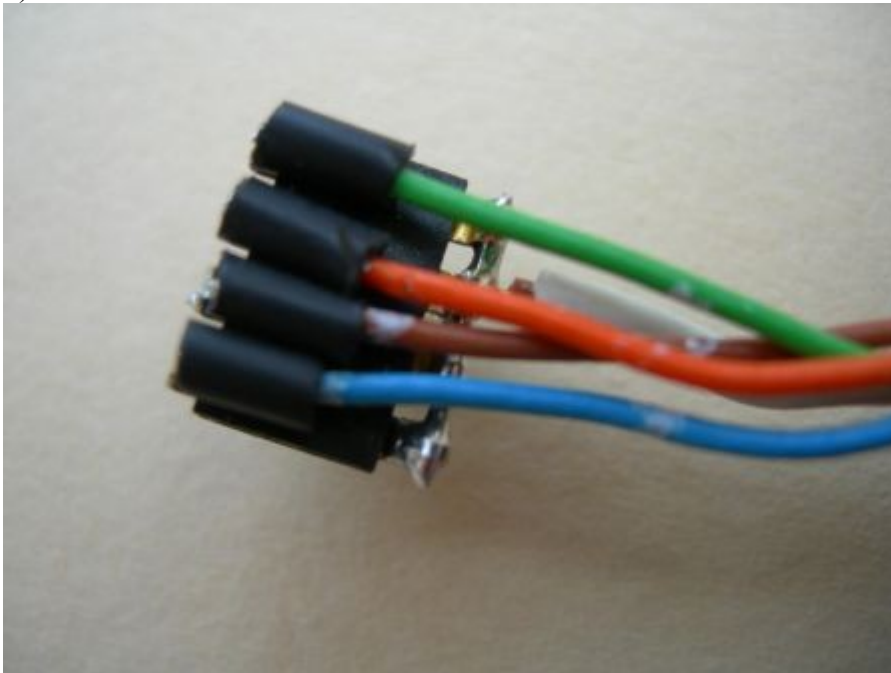
Blue – switch 1
Brown – switch 2
Orange – switch 3
Green - switch 4



8) Solder the white wire to the other side of the switches that have been joined together.



9) Slide the heat shrink tube over the soldered wires

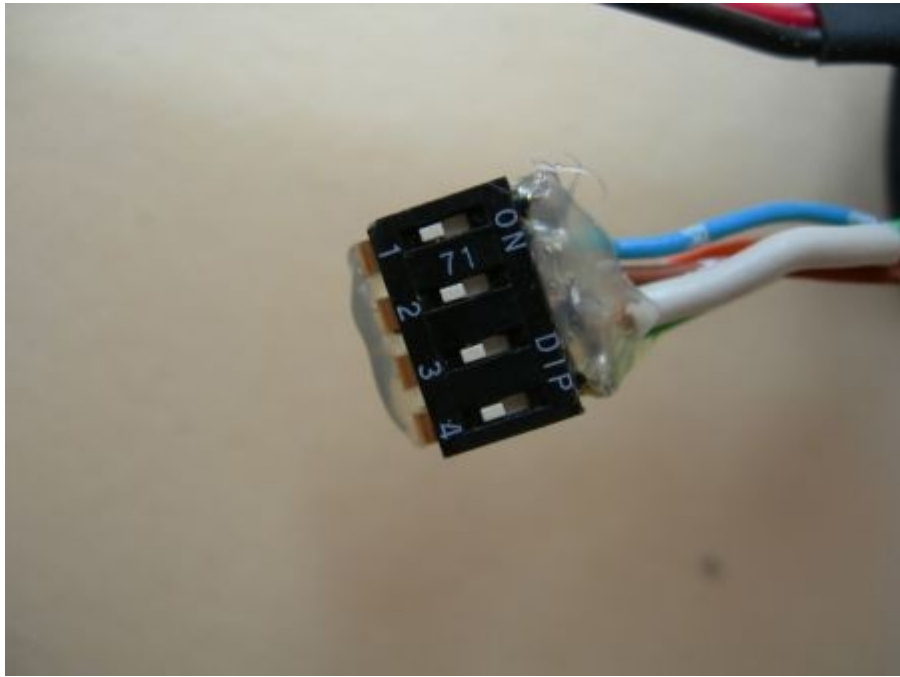
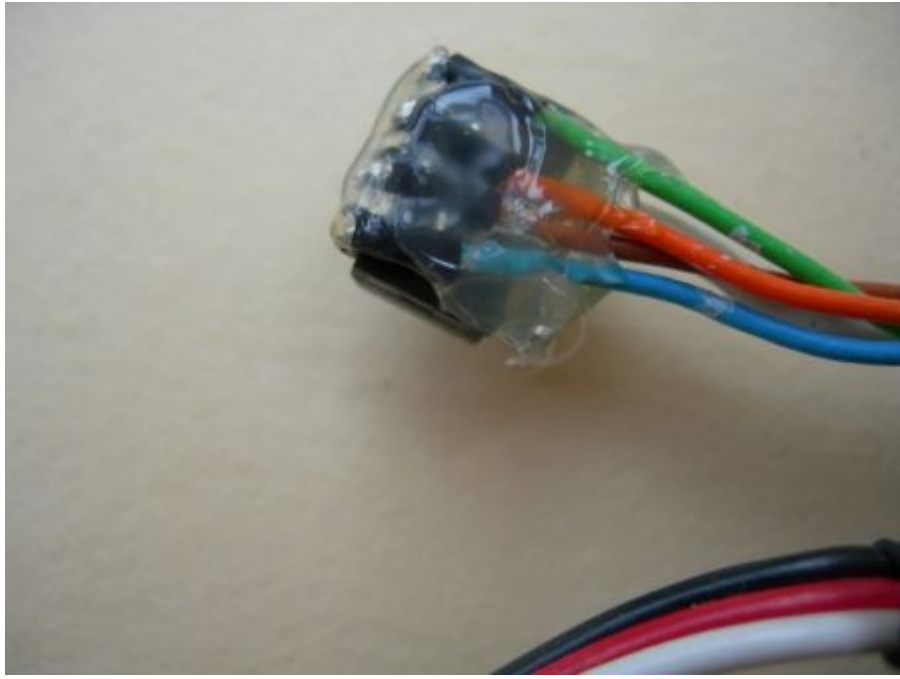


10) Using a hot air gun, heat the heat shrink tube. Be careful not to use too much heat and melt the wires!



11) Using a hot glue gun, add glue to the wires and the soldered joints to give mechanical strength. If you do not have a glue gun, epoxy may be used instead.

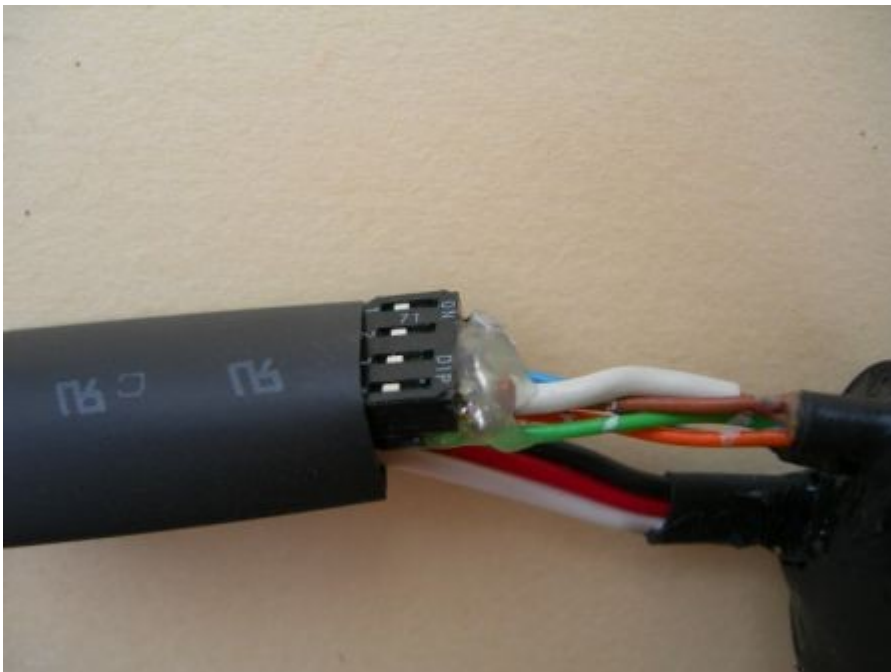




12) Thread the 10mm heat shrink over the servo lead.



13) Thread the 10mm shrink tube over the switch, ensuring the switch is facing up.
Note:- on some LMFs it may not be possible to thread both the servo lead and the switch onto the heat shrink as the mode wires will be too short, if they have been cut for example. Some variants of the LMF have the mode wires on the opposite side to the servo lead. It is ok thread the 10mm shrinktube onto the switch and omit the servo lead.



14) Align the heat shrink tube so as the switch is central within it.

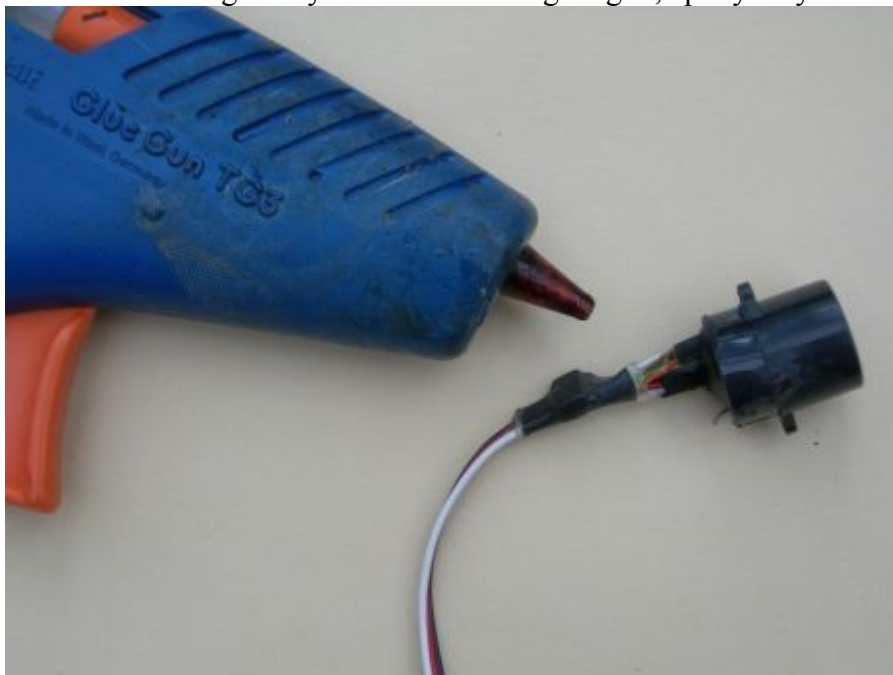


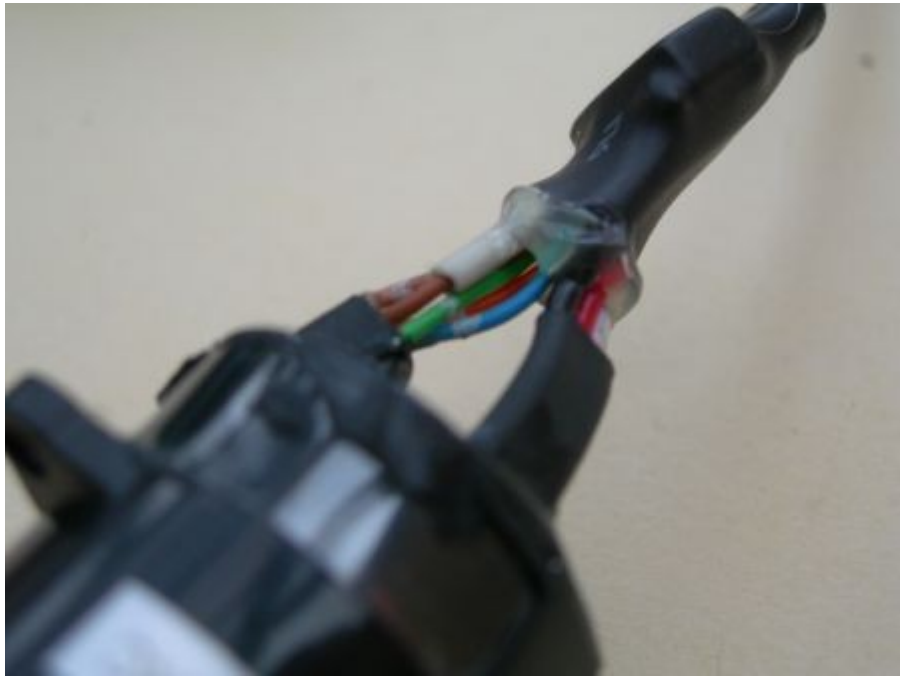
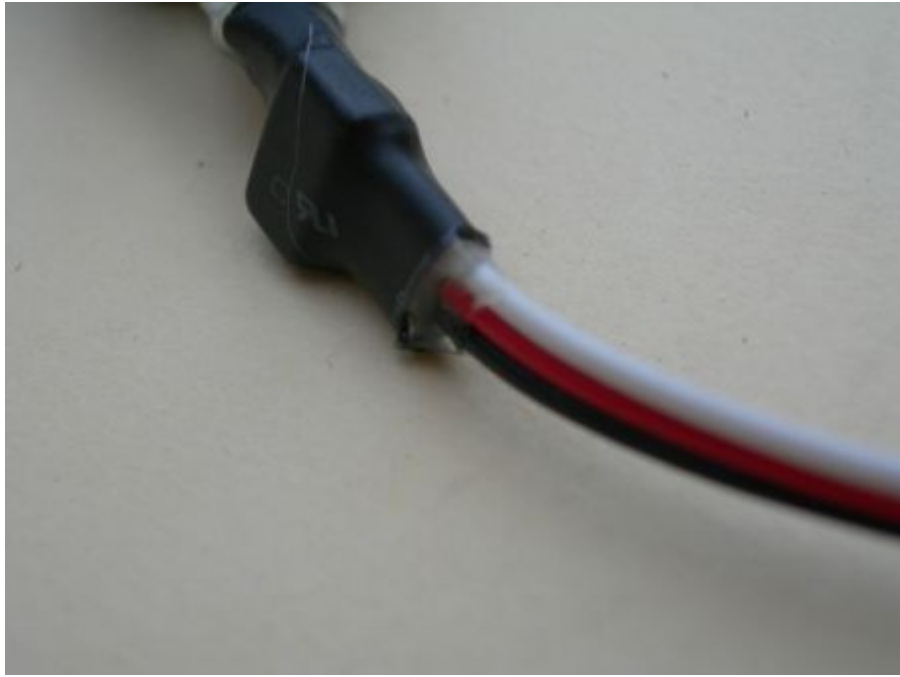
15) Using a hot air gun, heat the tube to shrink it over the switch.



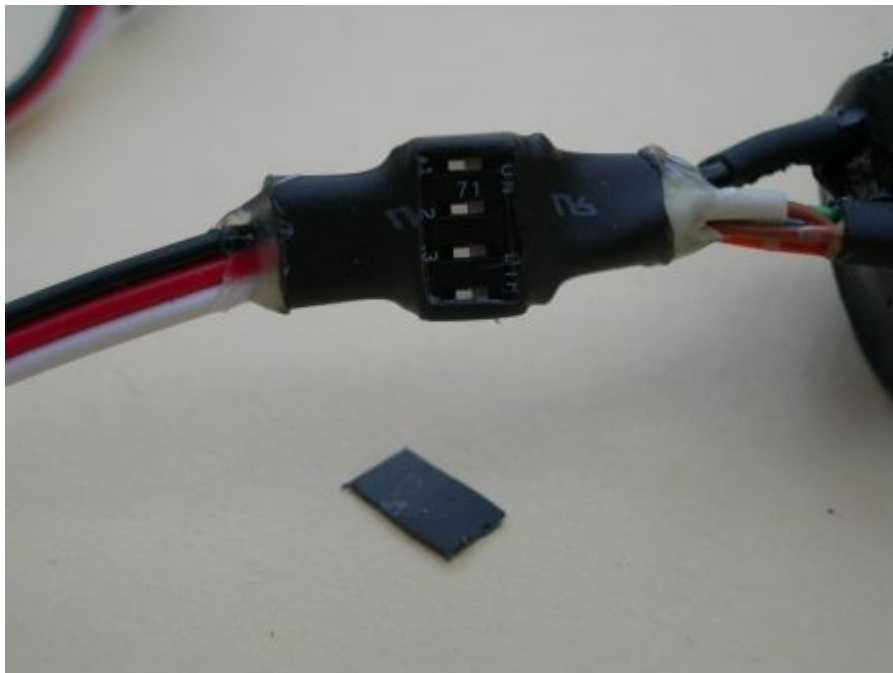


16) Using a hot glue gun, apply glue into each end of the shrink tube to add mechanical strength. If you do not have a glue gun, epoxy may be used instead.





17) Using a modellers knife, carefully cut away the shrink tube to reveal the switches underneath.



That is it, we are finished.

Ensure all the switches are in the 'on' position. Now, instead of cutting a mode wire, move the corresponding switch to the 'off' position to select each mode as desired. Note, you will need to turn off and back on for the new mode to take effect.

Blue – switch 1	Brown – switch 2
Orange – switch 3	Green - switch 4

