



# Scorpion Power System

[www.scorpionsystem.com](http://www.scorpionsystem.com)

## Scorpion Anti Spark DIY kit

[www.scorpionsystem.com/files/download/AntiSparkDIYkit.pdf](http://www.scorpionsystem.com/files/download/AntiSparkDIYkit.pdf)

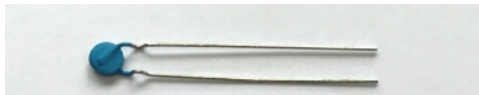


direct QR to online manual

This Anti Spark DIY kit can be used on 6S- 16S Lipo battery systems

### Including parts:

1. PTC Resettable Fuse
2. plastic tube
3. heat shrink



PTC Resettable Fuse



plastic tube

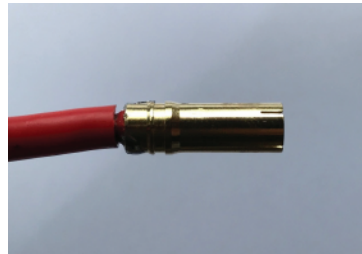


heat shrink

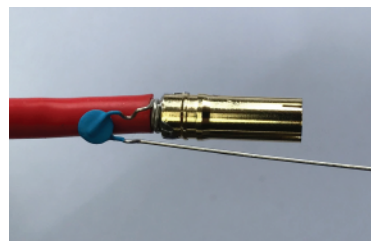


### How to mount it:

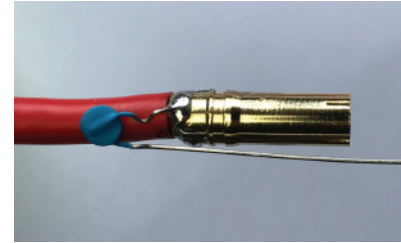
- 1) remove the old heat shrink



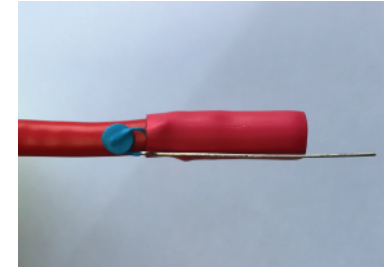
- 2) wind one leg of the PTC Resettable fuse around the positive (+) wire from your ESC as shown below



- 3) solder the other leg of the PTC Resettable fuse to the positive wire



- 4) apply a heat shrink over the connector to isolate the other leg from the connector



- 5) modify the plastic tube (shorten it correctly and also cut it as shown in the picture)



- 6) slide the plastic tube over the leg of the PTC Resettable fuse and use CA to keep it in position



- 7) apply a heat shrink over it



- 8) bend the leg of the PTC Resettable fuse as shown in the picture like a "V" cut the leg if it's too long



- 9) Anti Spark DIY ready to use!



Now connect the negative (-) wire first. Then connect the positive (+) battery wire to the PTC Resettable fuse for a second and move straight into the positive connector. There will be no spark during connecting your battery to the ESC.

Hope this DIY kit can help you on any spark issue during connecting a battery to an ESC.