

Synerduino Multirotor Kit 10"

This is compatible to all the Synerduino Lineup of boards using the adapter plate which is compatible to CF frames with mounting holes

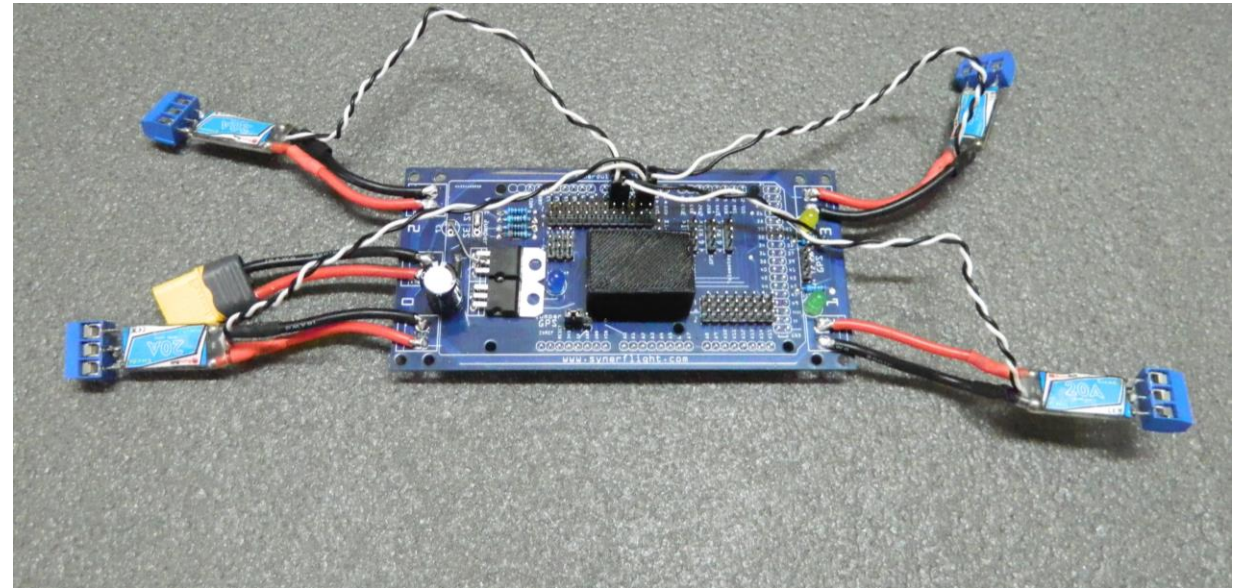
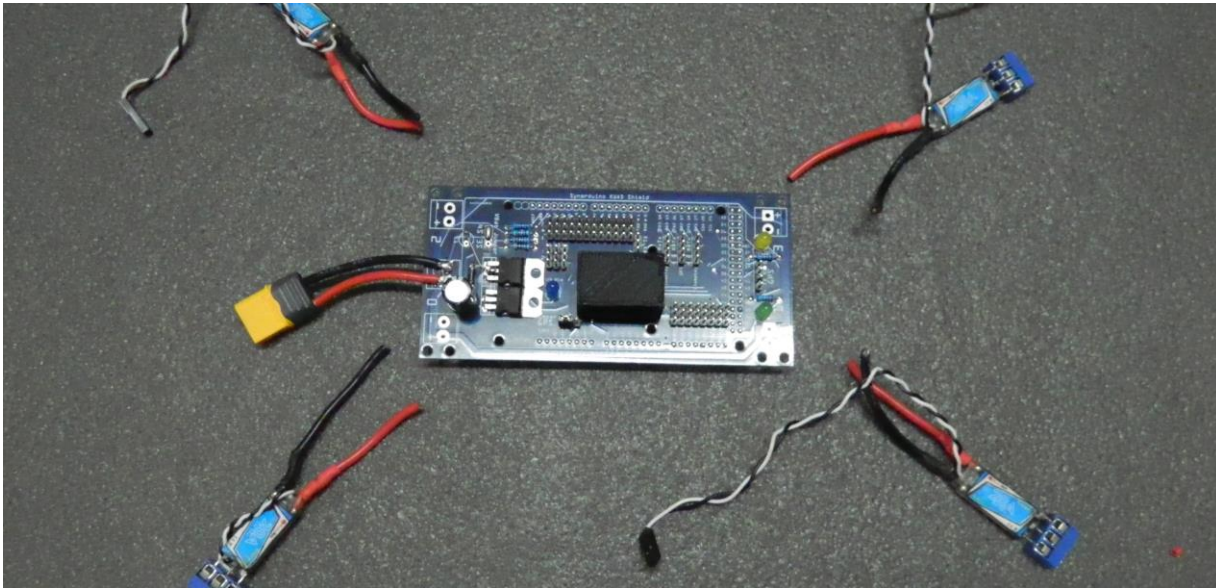
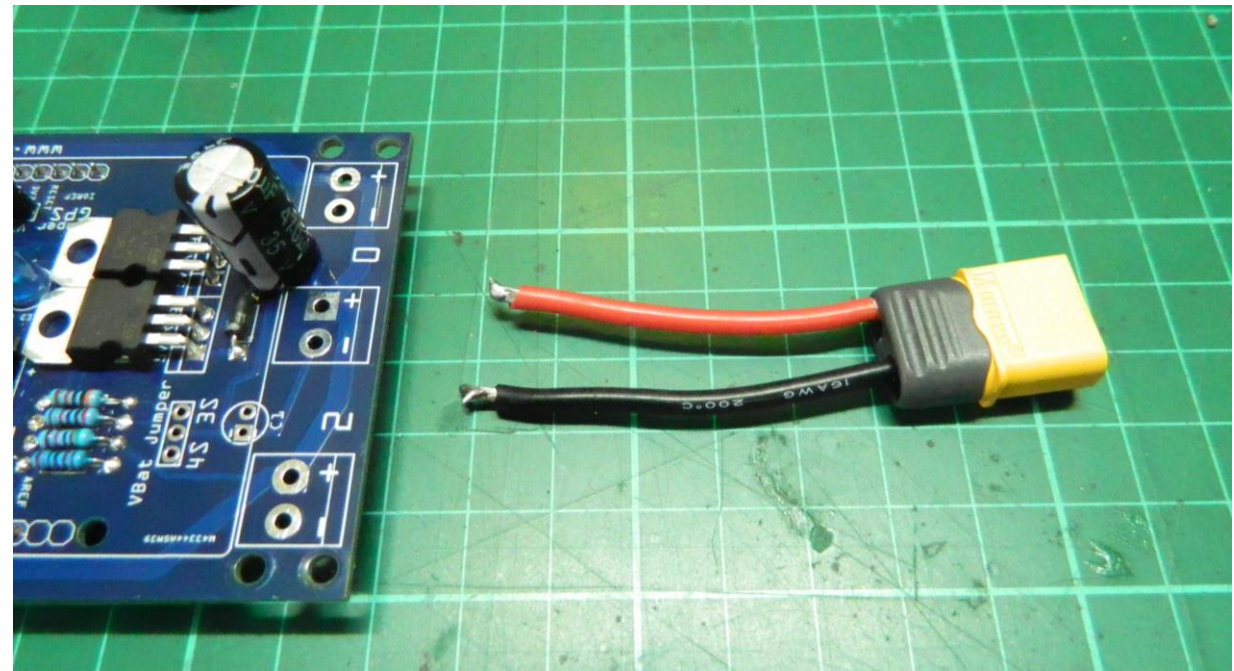
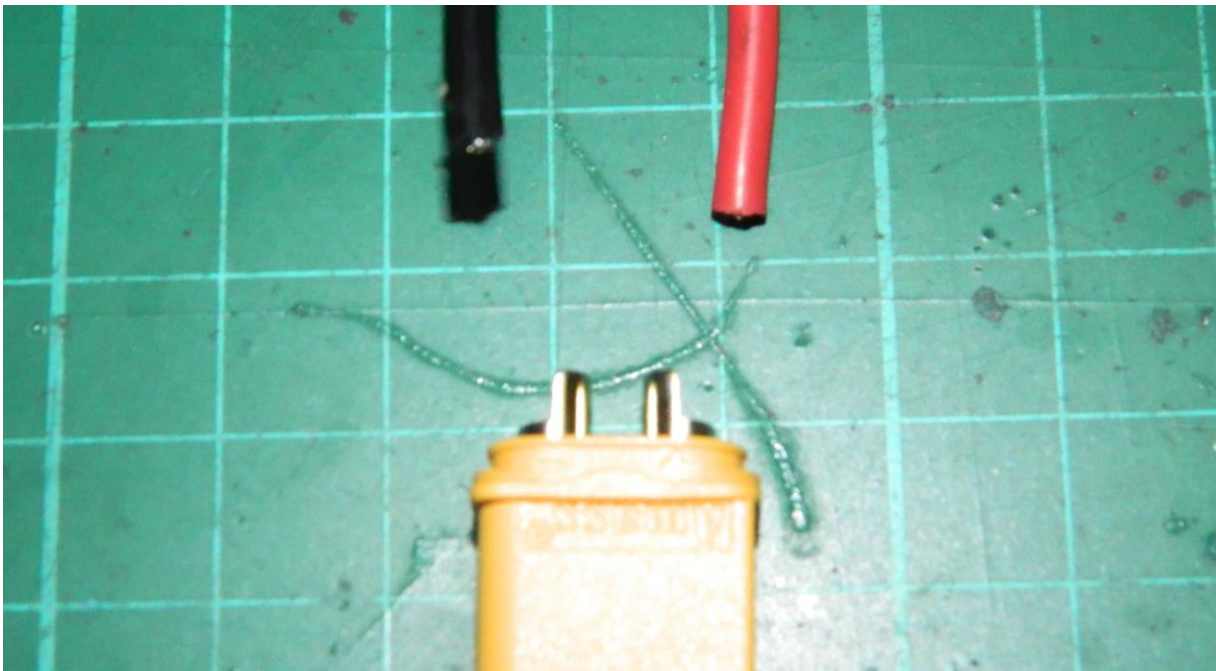
- 30.5mm X 30.5mm
- 25mm x 25mm
- 20.5mm x 20.5mm

This frame is 8mm thick requiring 10mm screws to mount motors

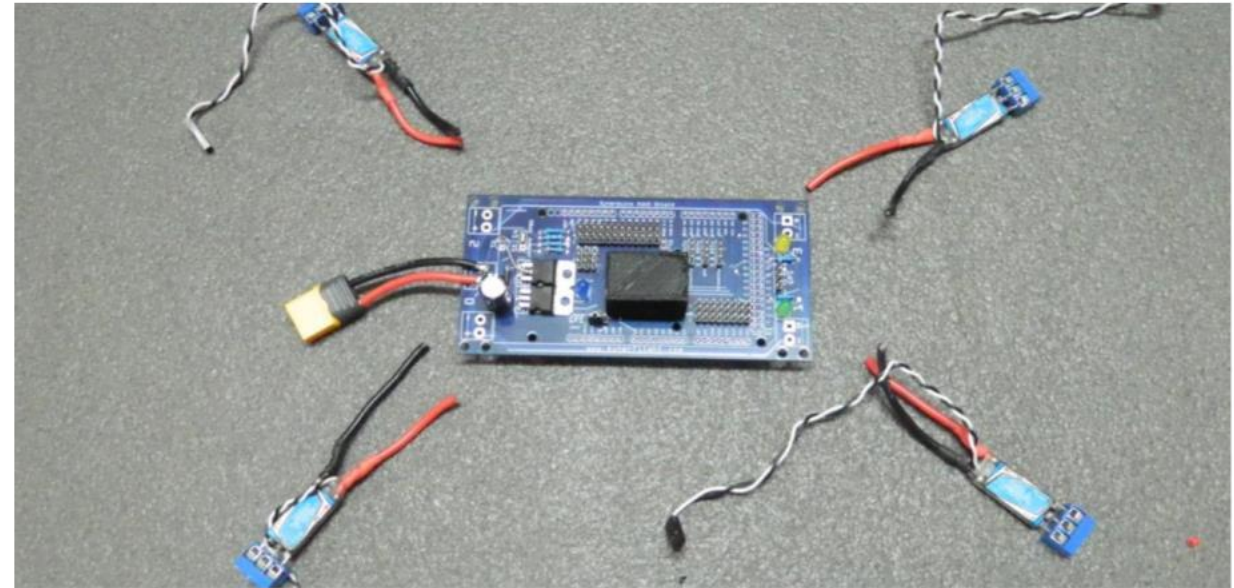
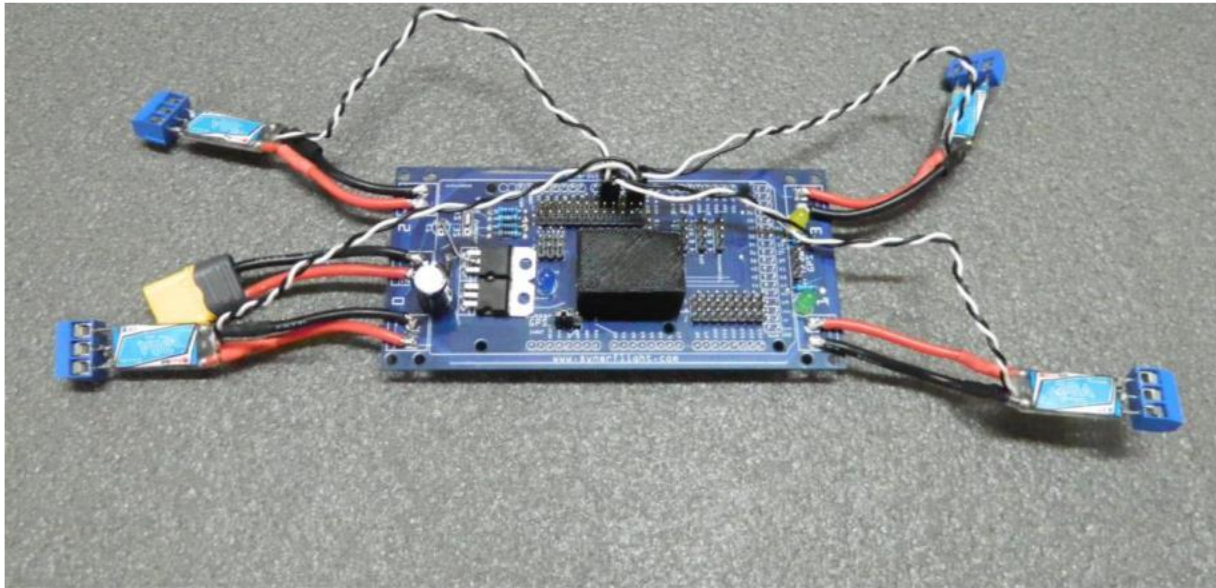
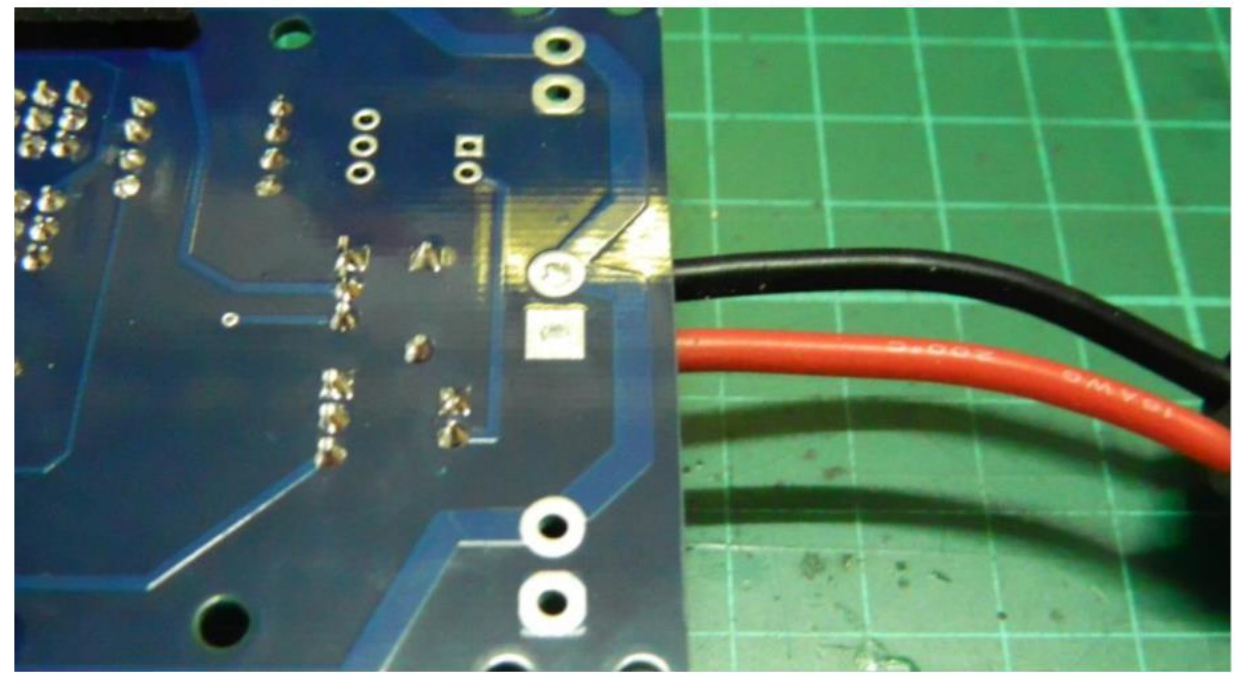
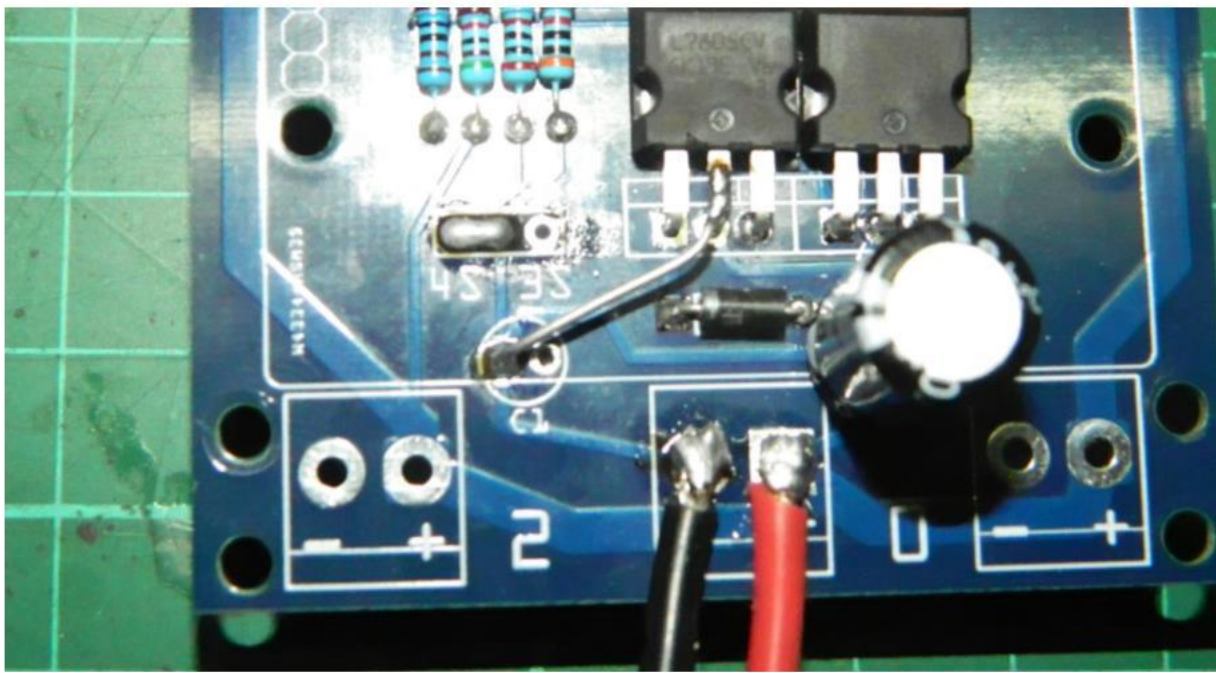
Motor Types 2812 & 3115

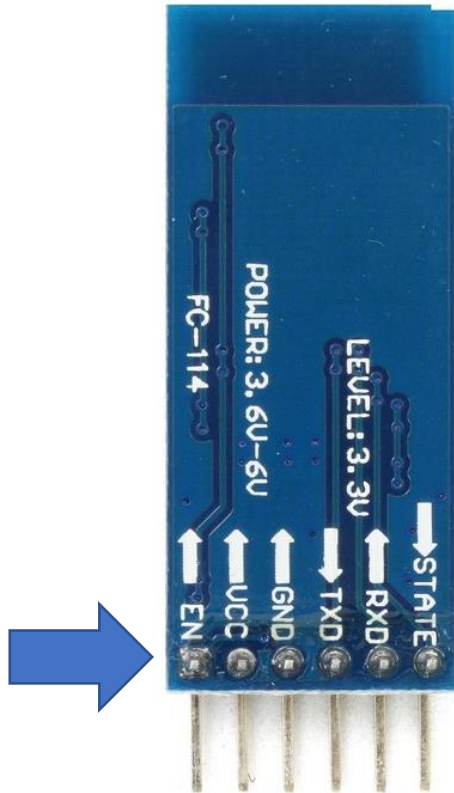
Design for 4s to 6s setup

40A-80A ESC required



Ensure all expose contact can be isolated or insulated to prevent shorting especially ESC terminals

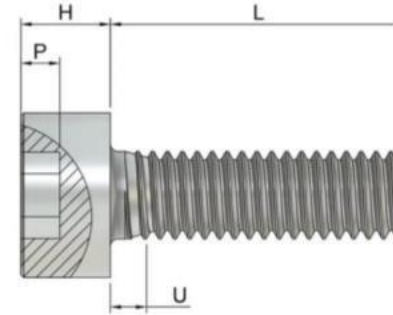
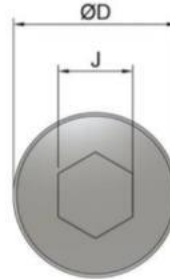




Note: Carbon Fiber are conductive

Shrink tube and insulation must be used on any expose contact when ever possible

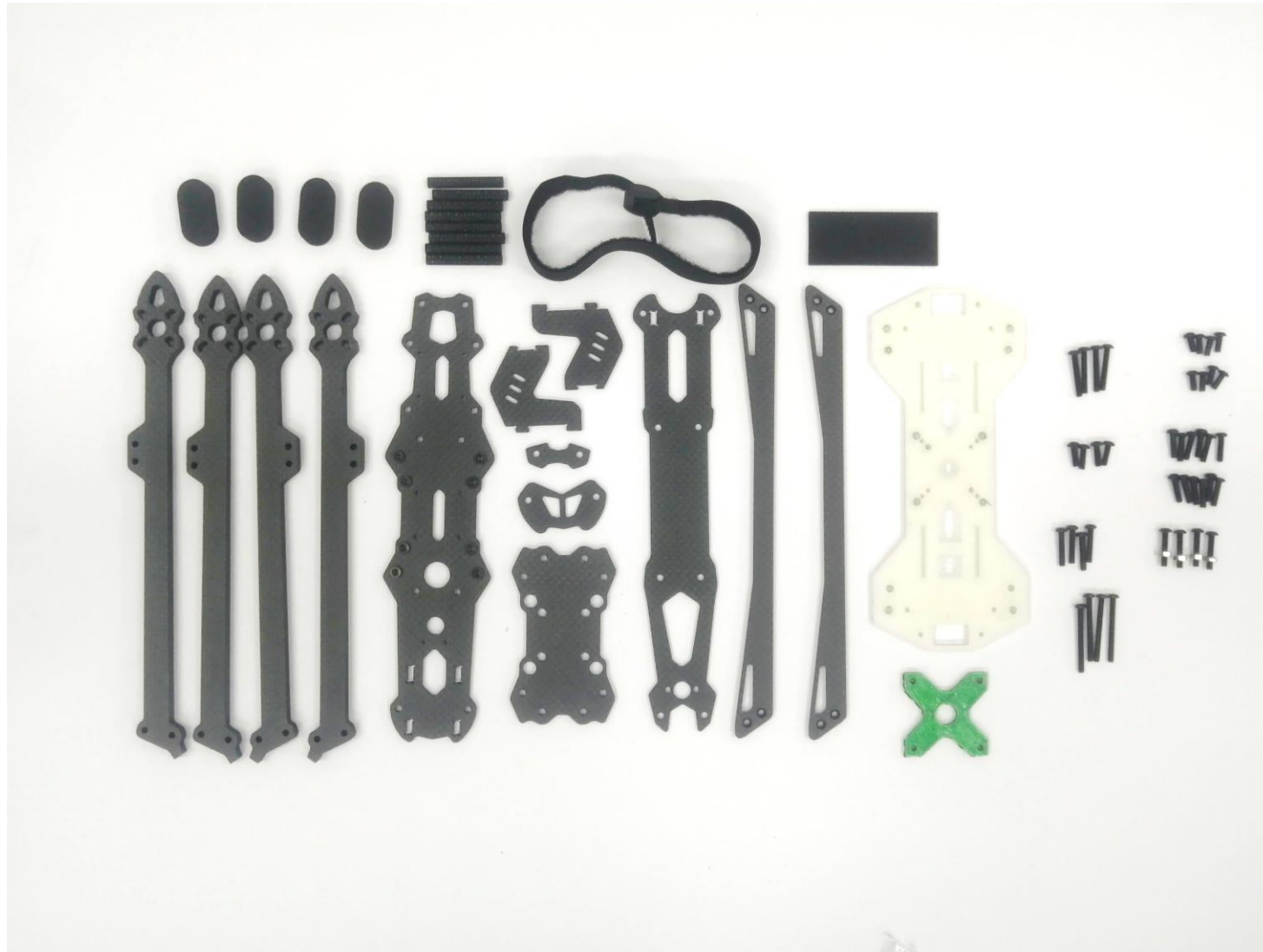
Antennas must be elevated from Frame



Thread Lock Purple or PVA Glue

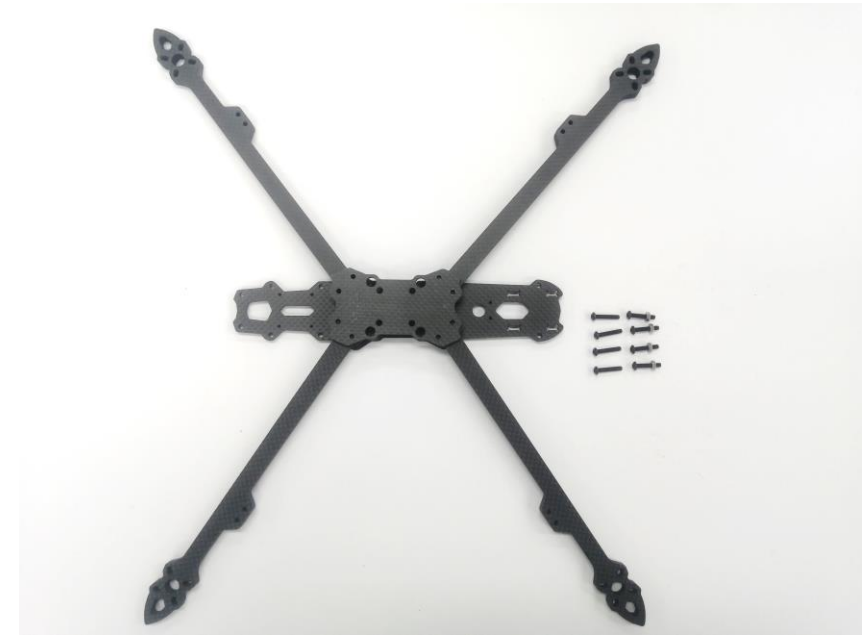
Vibrations can cause bolts/Screws to come loose especially when bolts are on smooth plastic surface. Low strength thread lock or PVA glue are suitable in holding the bolts in place yet temporary enough that can still be removed by hand tools. Secure motors, PCB board and frame by applying a few drops enough to coat the thread of the screw and slowly tighten it in.

CF adapter is intended to
make Synerduino
compatible on most FPV
drone frame from 5" to 12"
class



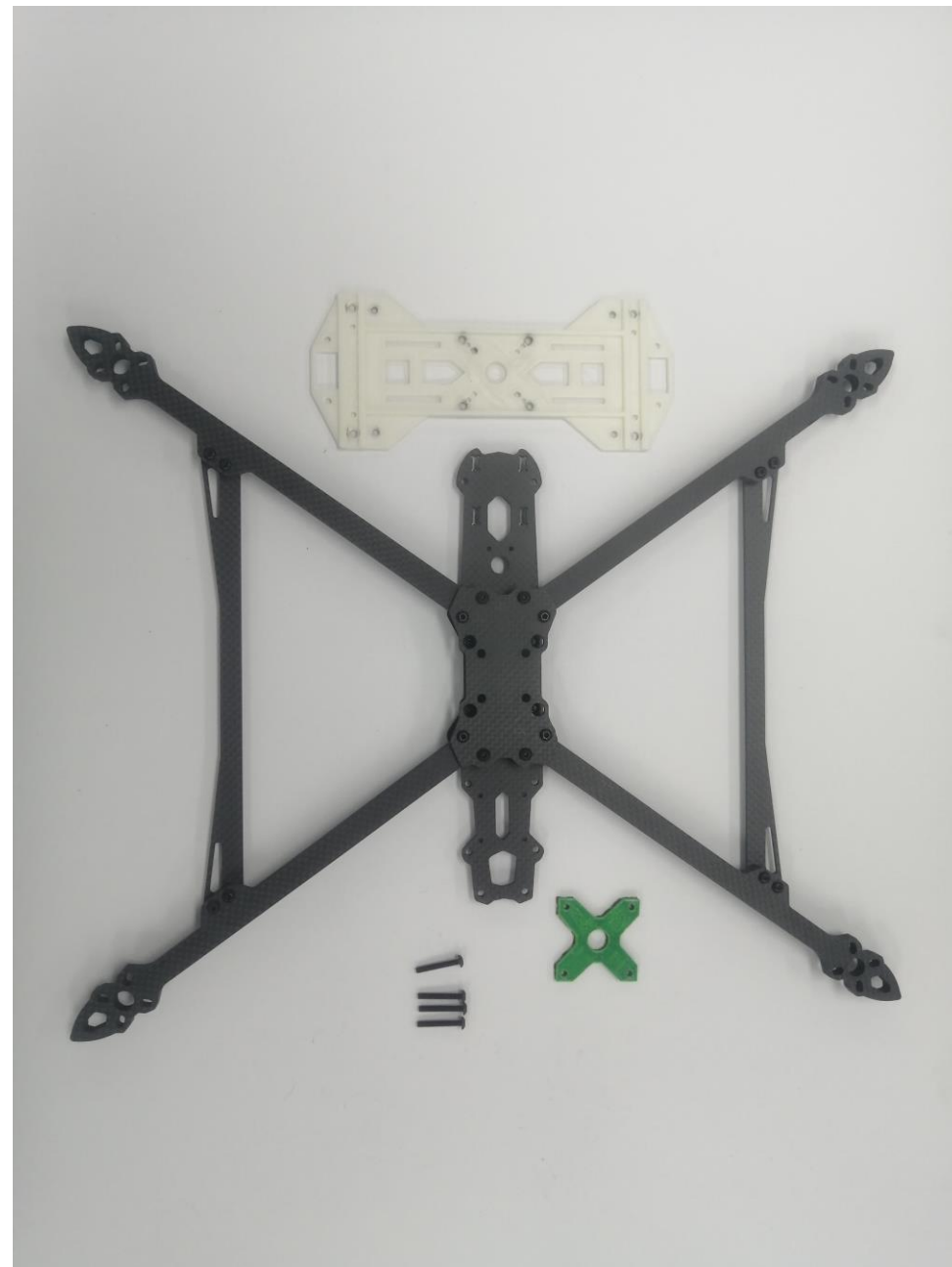


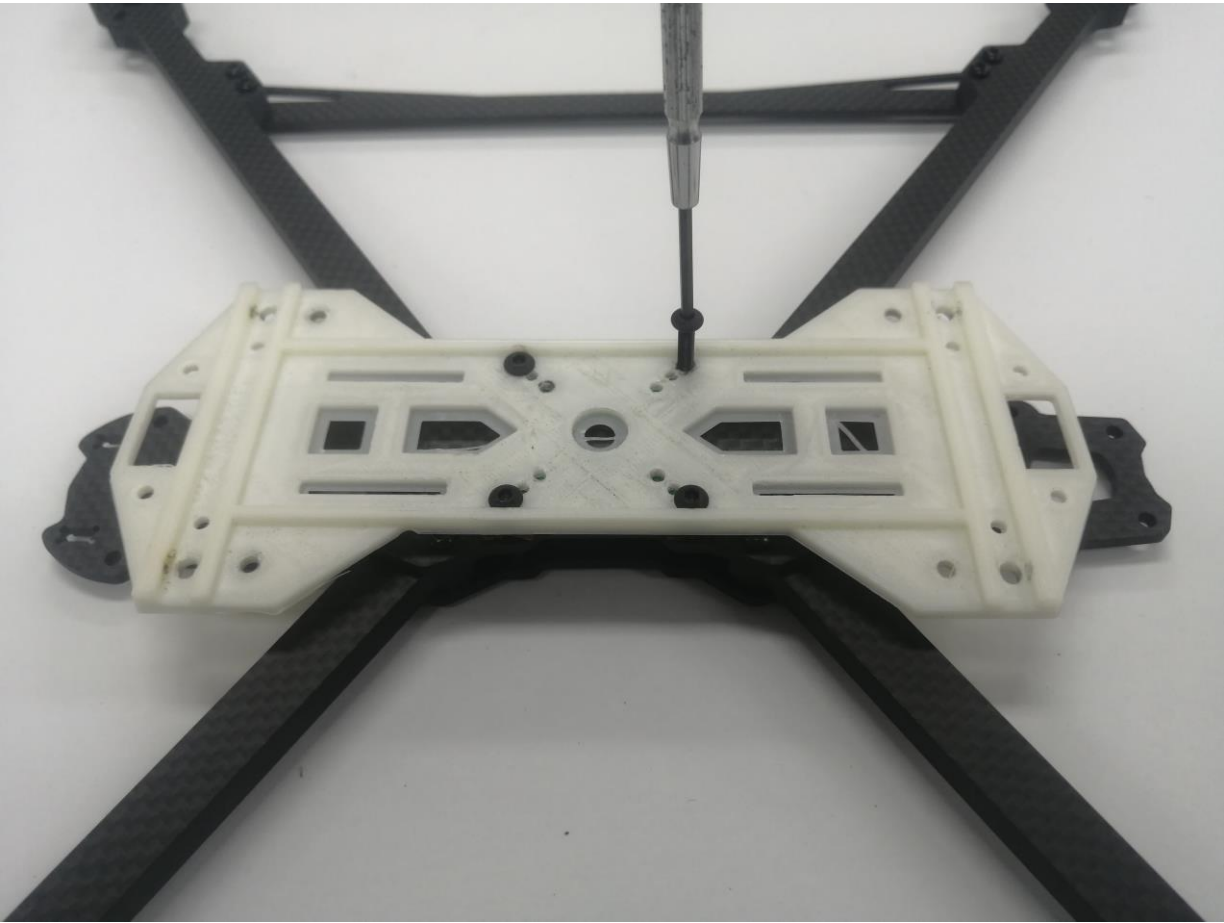
Assemble the CF plates and Arms using the Bolts and nuts provided

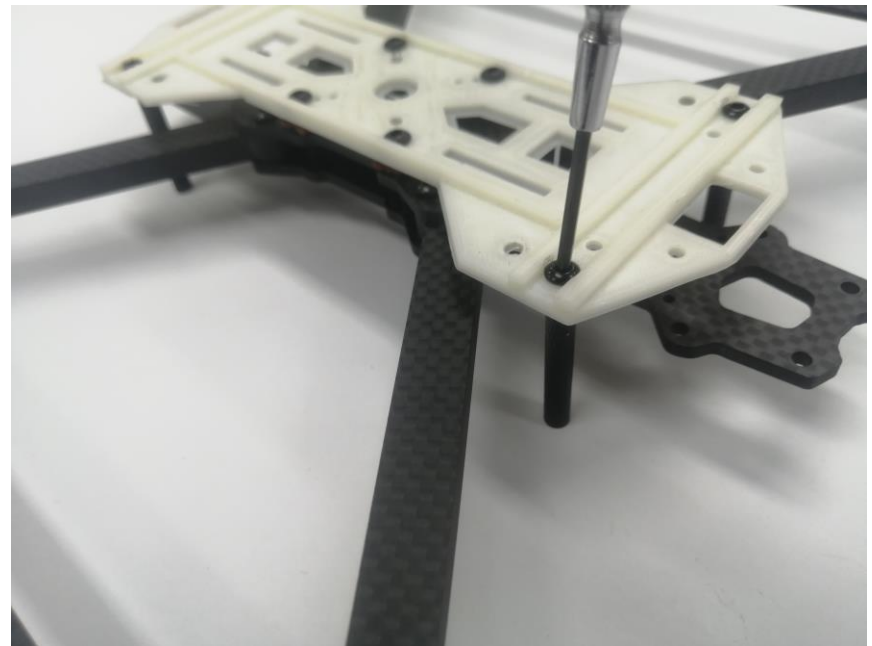
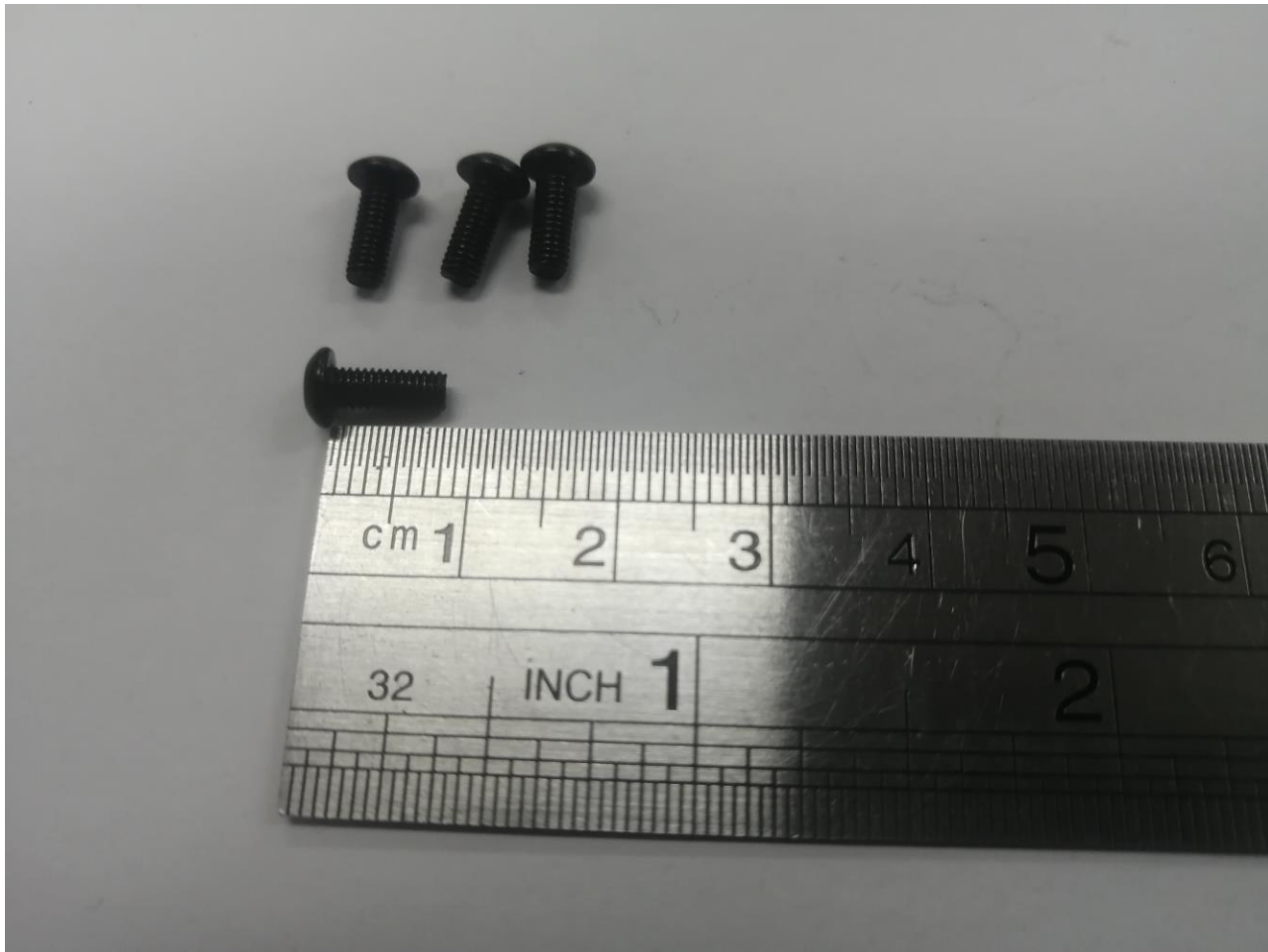


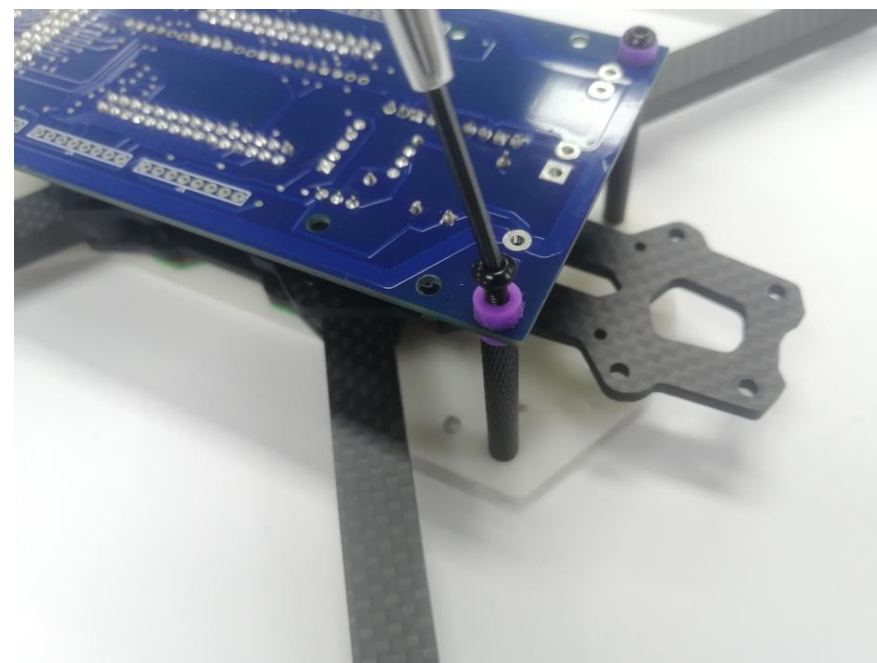
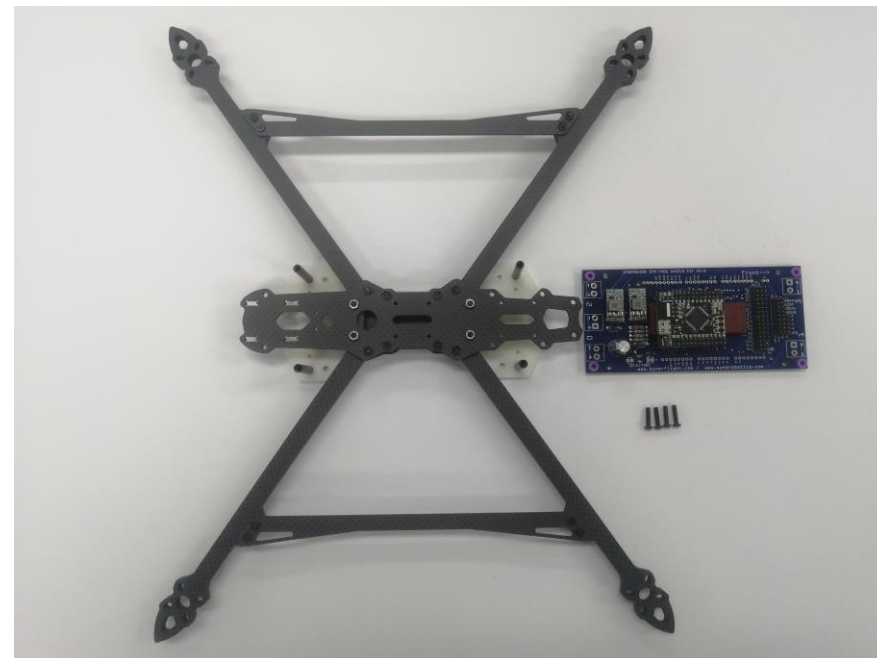
Attach the Adapter plate and Synerduino board using the spacers provided

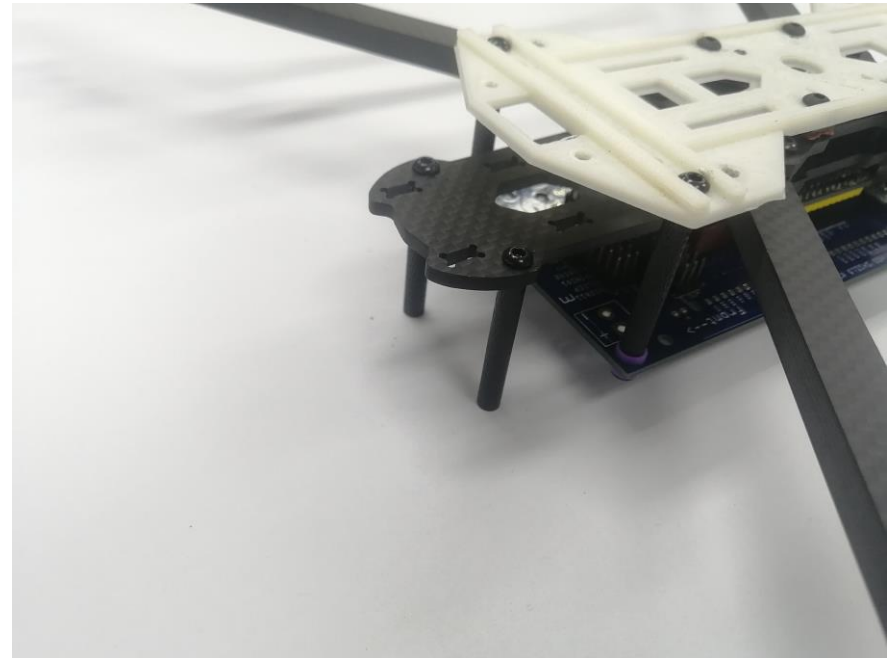
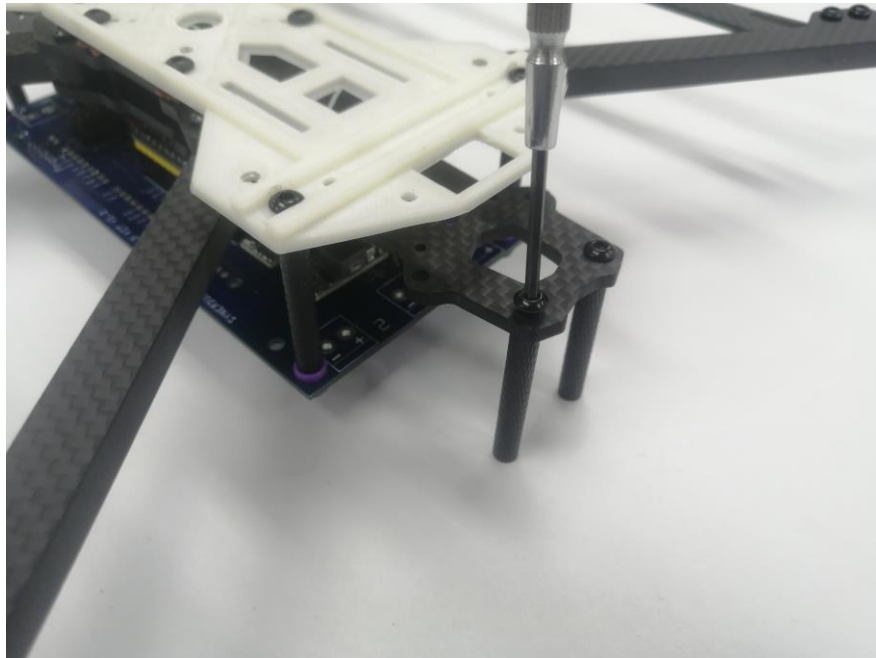
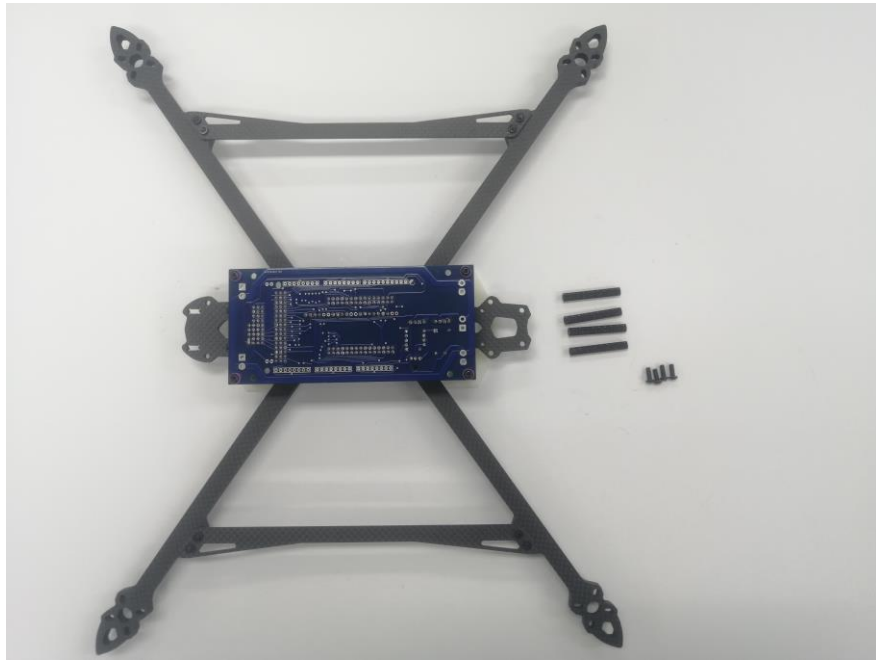


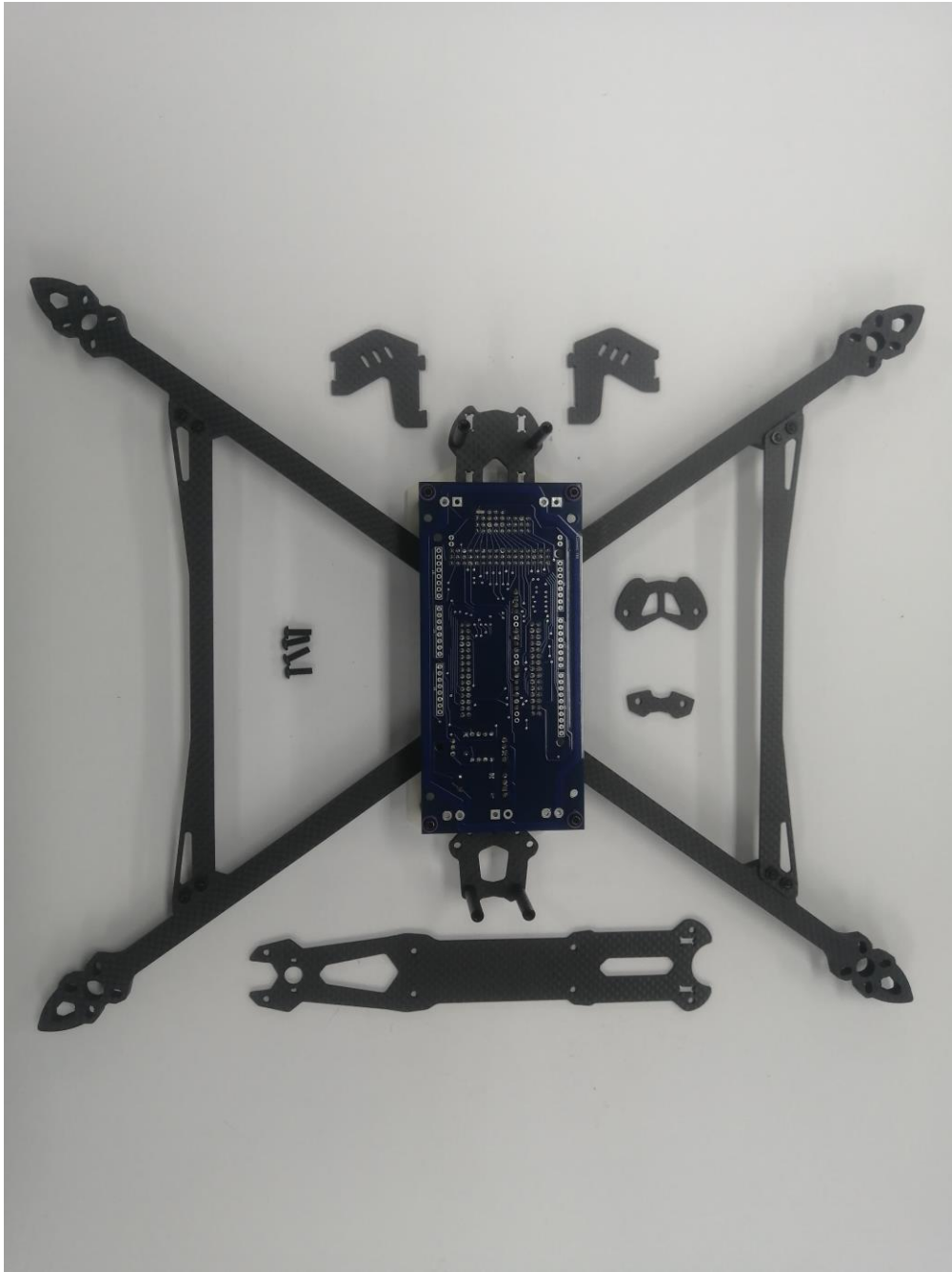


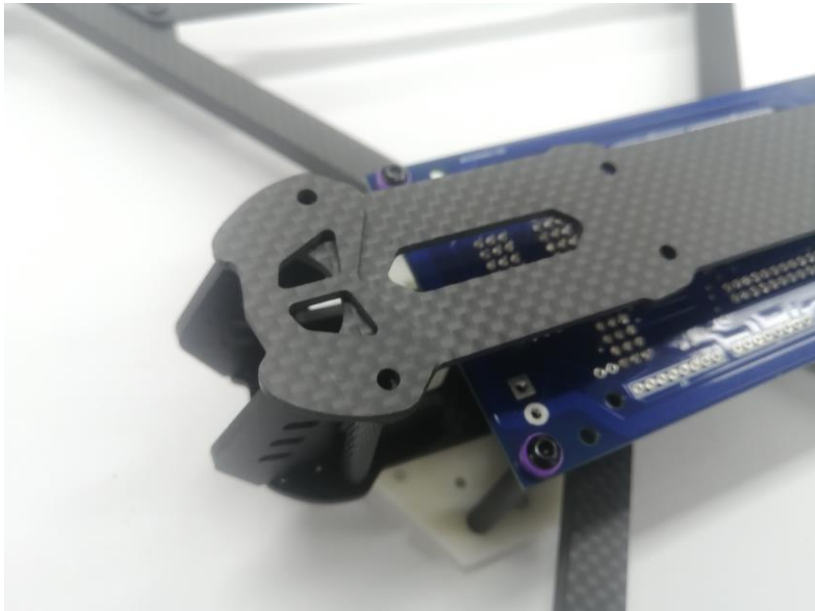
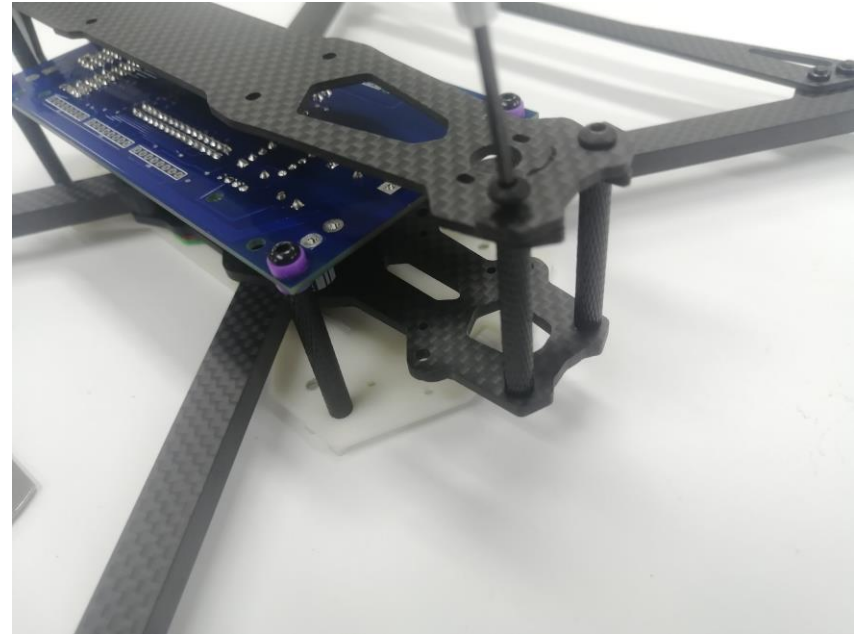
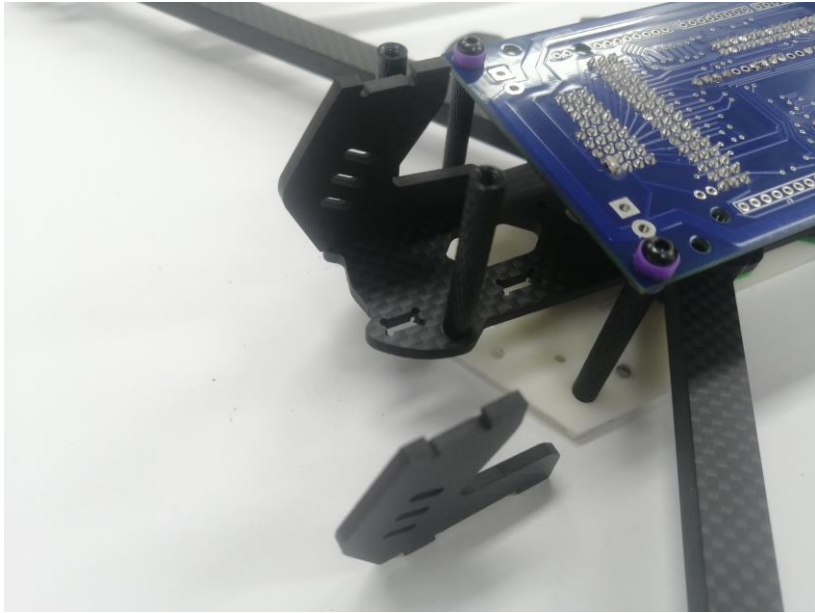


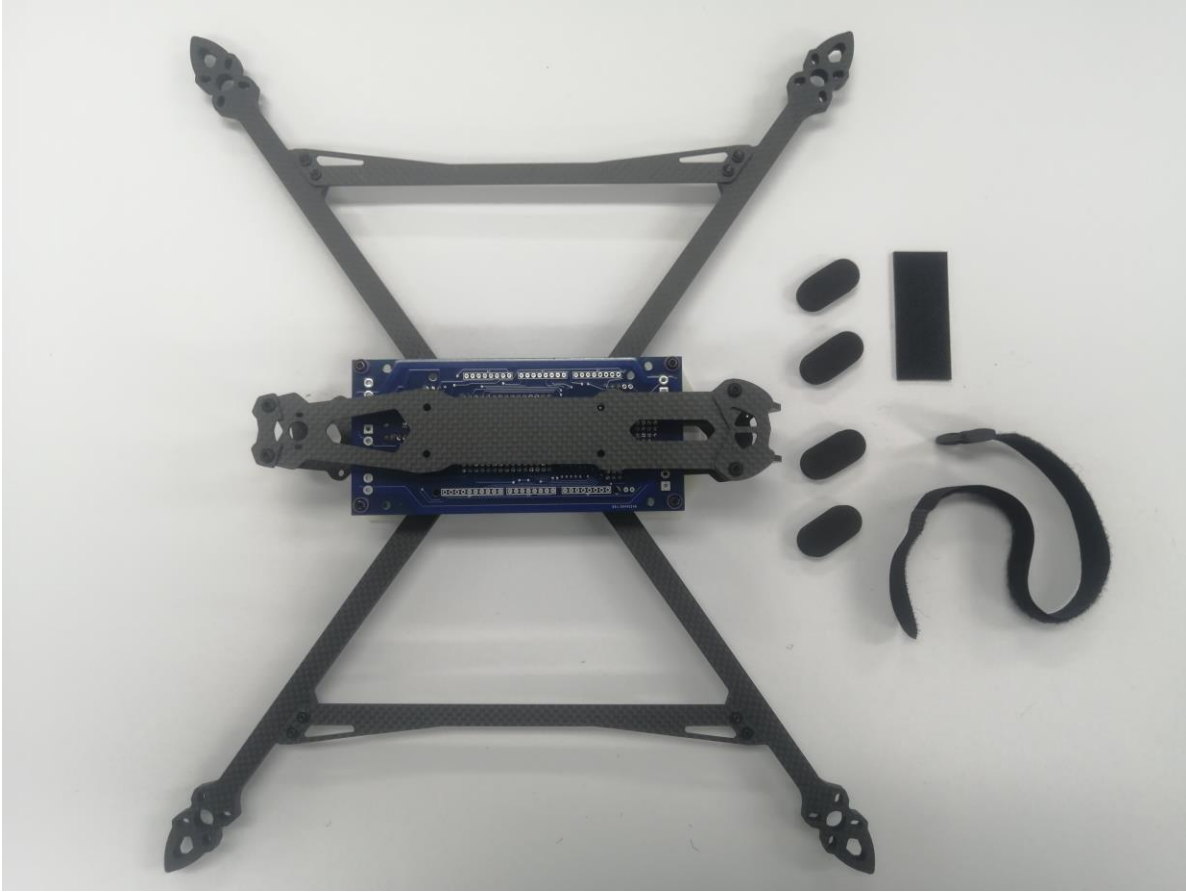














This frame is 8mm thick requiring 10mm screws to mount motors

Intended for 2812 & 3115 motor types

Design for 4s to 6s setup

40A-80A ESC required



Once all the hardware been calibrated tune and setup you may zip tie the ESC and Tape insulate all the Solder Pads to prevent Short

Check twice plug once

Check Polarity and connection assignments of all your wires prior to plugging it in.