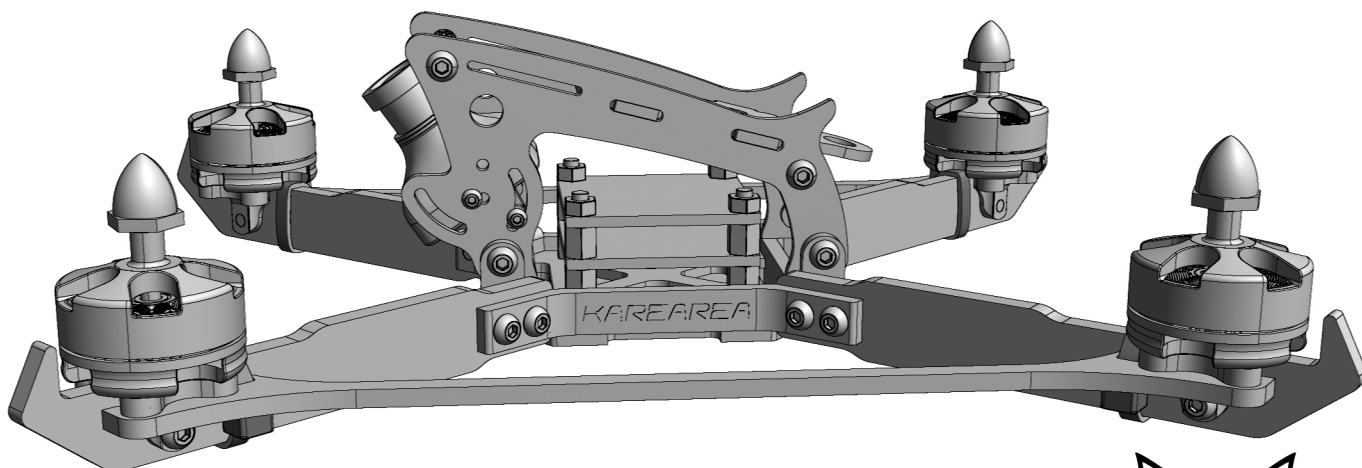


KAREAREA RD-025 TALON SVX 220 INSTRUCTION MANUAL

KAREAREA RD-025 TALON SVX (Stretched Vertical X) 220

Features:

- The KAREAREA TALON is a 220mm class FPV racer for 5" propellers using its own uniquely designed light weight monocoque chassis. It is the first 220mm drone with vertical arms that has a stretched X.
- Full 3K Japan Toray or Mitibusi (T700 mixed T300) Plane matte Carbon Fibre plate (not twill, plane CF is much stronger on impact from all directions of crashes). Light weight frame set weights 98 g (+, - 1~2g), including hardware.
- All aluminium parts are made from 7075 T6 aero grade with hard anodizing.
- Stretched X-frame. The distance between two motors are 220mm (diagonally, measured from centre to centre of motors).
- The unique design of the Talon's arm ends work as bumpers to protect the motors from impact of the crash.
- Under mount battery for greater COG
- Optimized C.G combined with vertical arms provide superior handling performance at high speed.
- Monocoque type side plates helps protect CCD camera.
- Compatible with FPV cameras. (28-29mm CCD cams) Such as RunCam Swift and Foxeer FPV CCD Camera.
- Action Cameras can be mounted (e.g. GoPro, Run Cam) by using optional 3D printed camera mount. (Not included).



Designed in New Zealand


(kareareadrone.com)

KAREAREA DRONES  Find us on Facebook



PARTS LIST


NYLON BOLTS & NUTS


 BOLTS M3 X 6 QTY 4


 NUTS M3 QTY 4

 STAND OFF QTY 8

CARBON STEEL BOLTS

 M3 X 6 QTY 4

 M3 X 8 QTY 4

 M3 X 10 QTY 12

STAINLESS STEEL NUTS

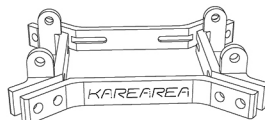
 M3 CLINCHING NUT QTY 4

ALUMINIUM STAND OFFS

 M3 X 29 6061 QTY 2



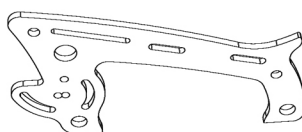
CNC 7075 T6 ALU MOTOR MOUNT / QTY 4



CNC 7075 T6 ALU FRAMES / QTY 4



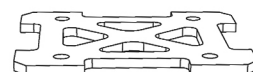
ARM PLATE T4.0 / QTY 4



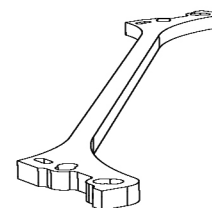
SIDE PLATE T2.0 / QTY2



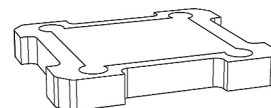
TOP PLATE T2.0 / QTY 1



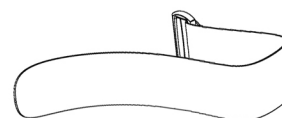
MAIN PLATE T2.0 / QTY1



MOTOR TORQUE BAR T3.0 / QTY 2

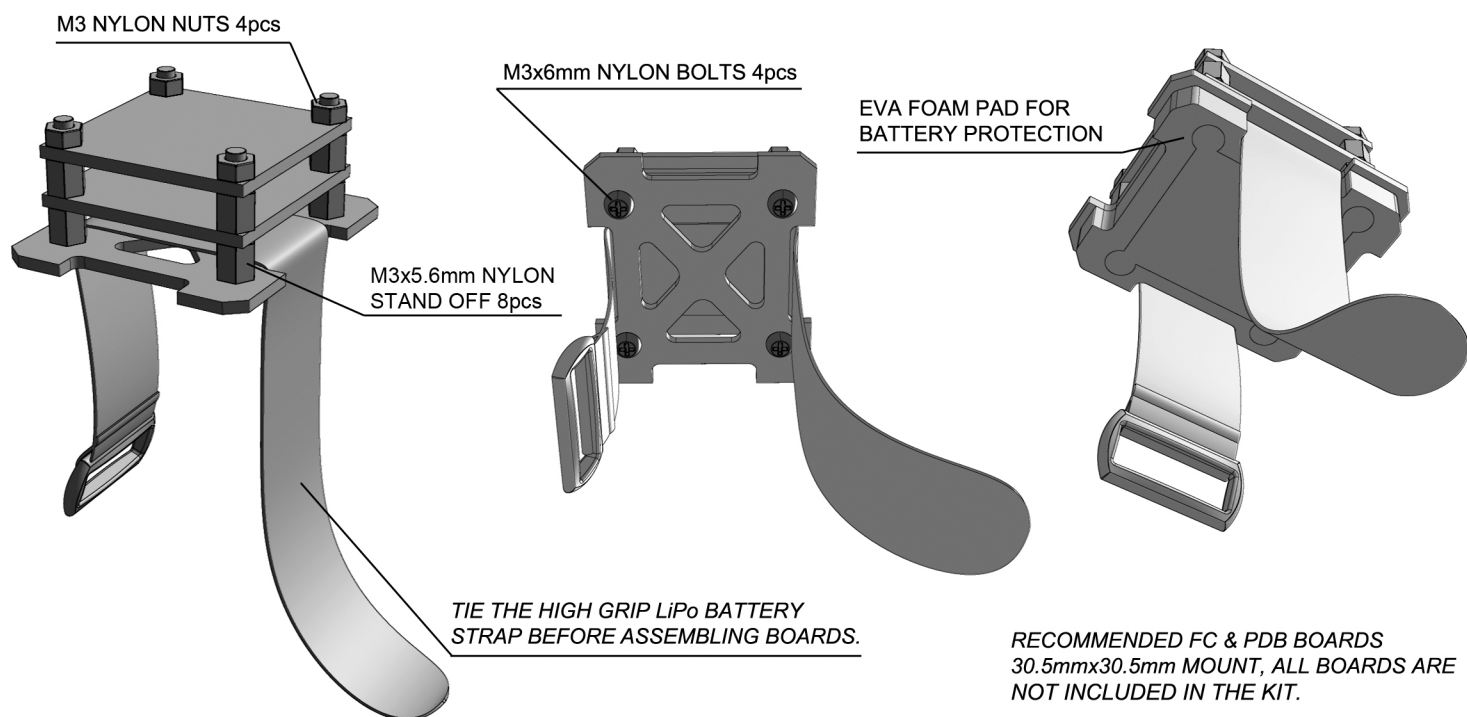


EVA FOAM PAD T7.0 / QTY 1

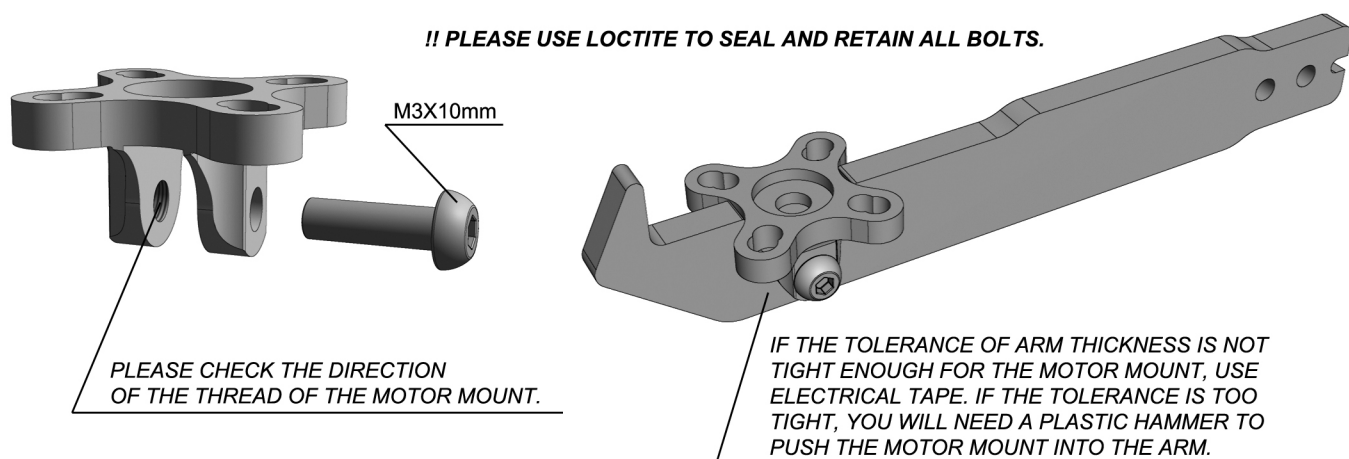


HIGH GRIP LiPo BATTERY STRAP 20mm X 255mm / QTY 1

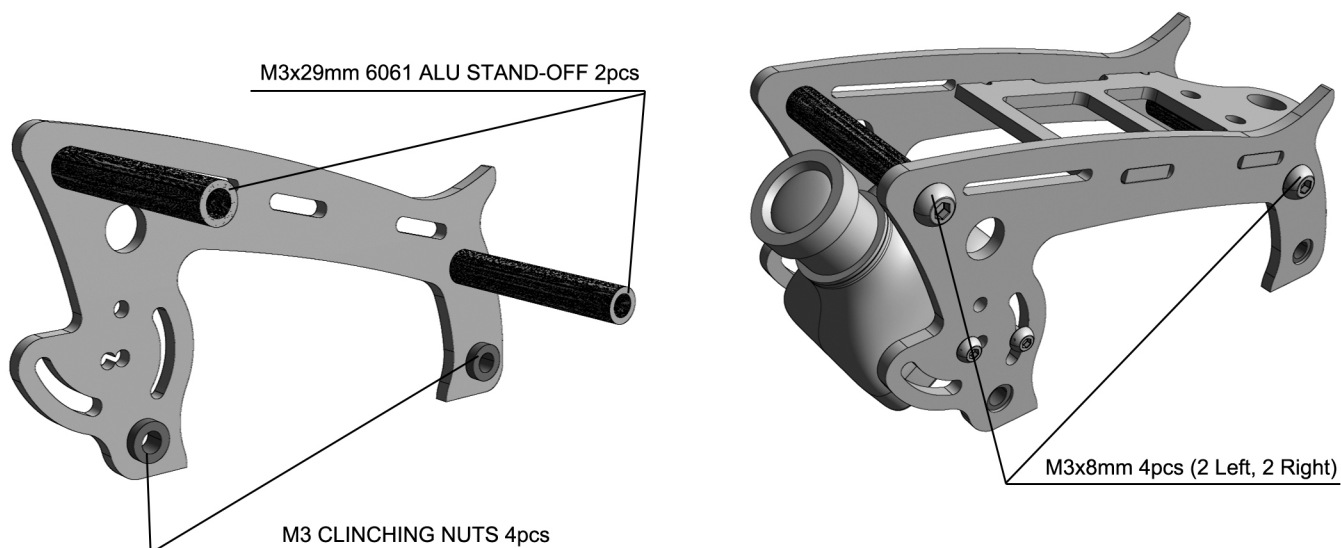
1 MAIN PLATE AND ELECTRIC EQUIPMENTS ASSEMBLY.



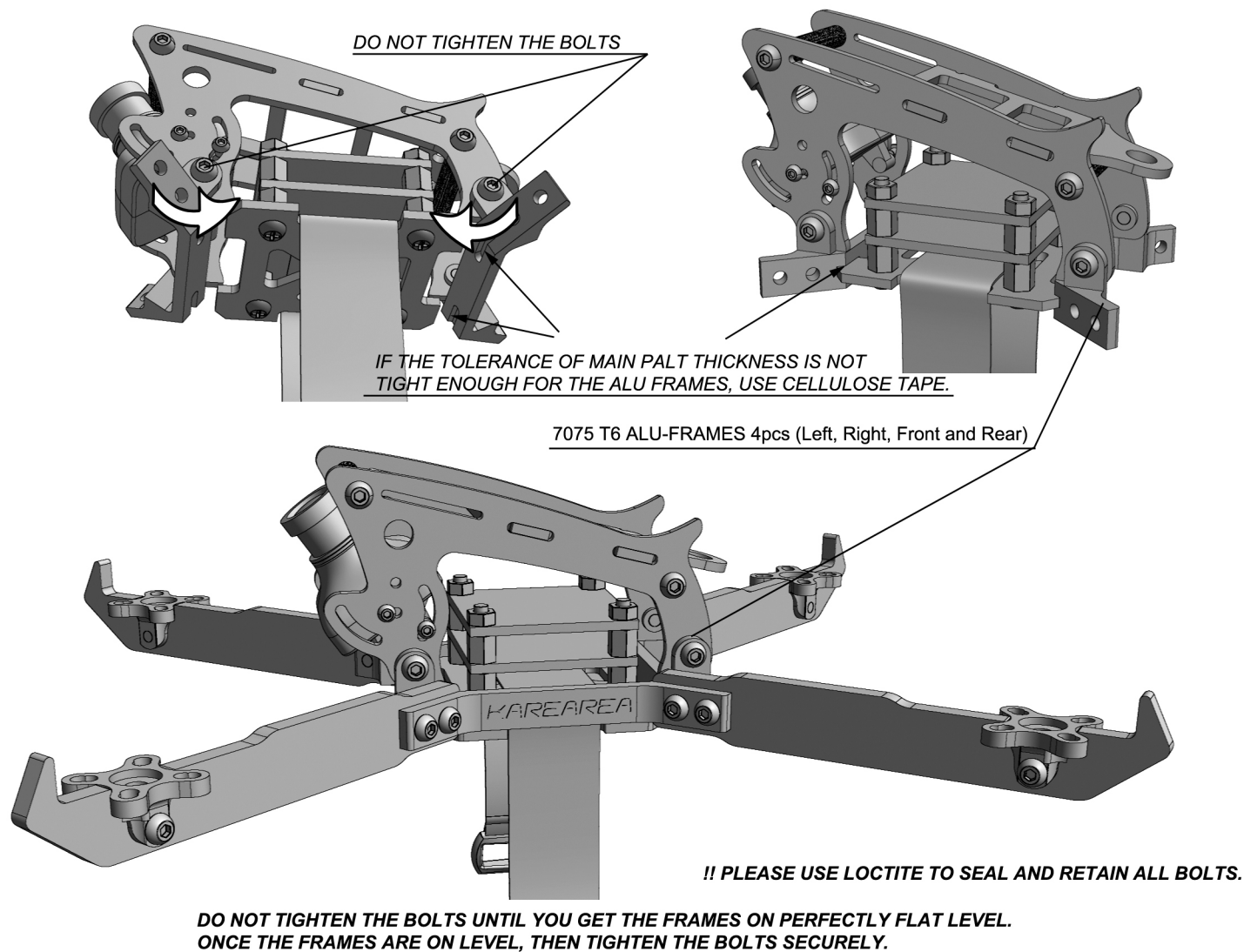
2 MOTOR MOUNT AND ARM ASSEMBLY.



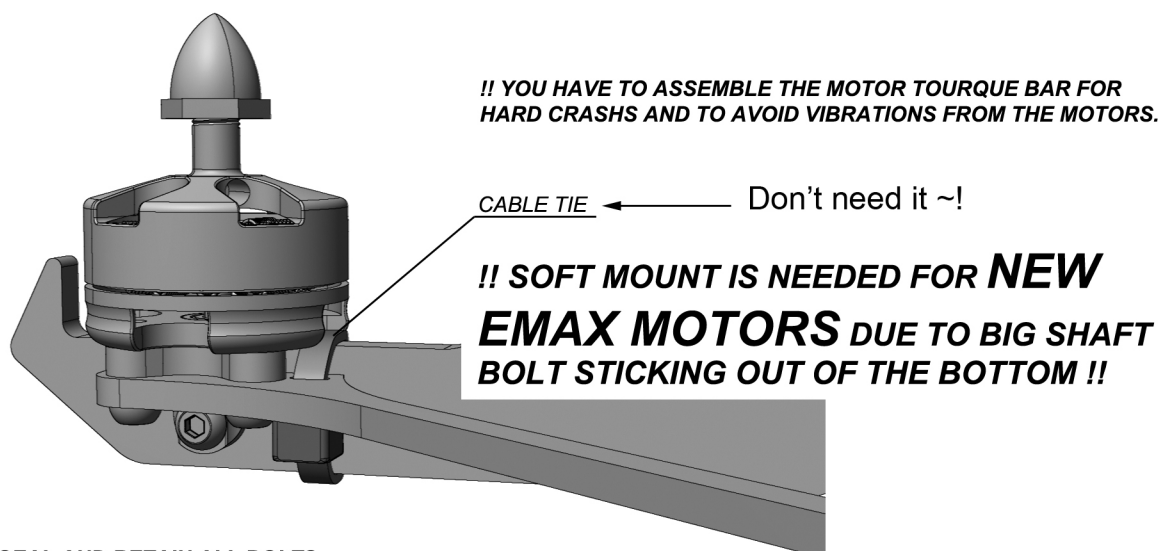
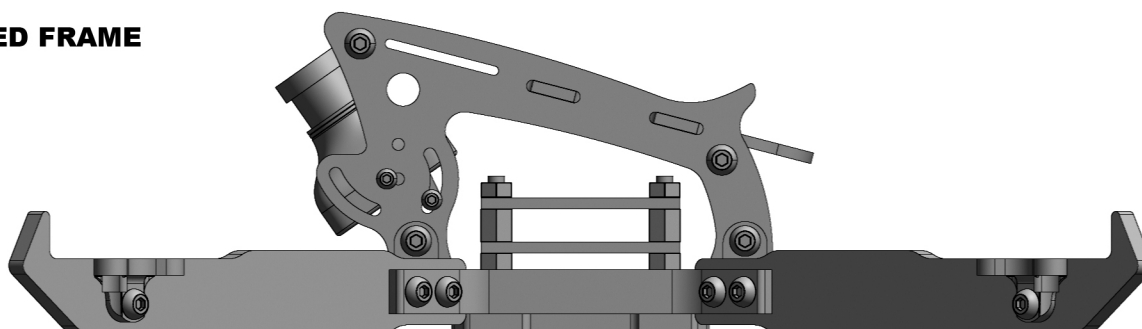
3 SIDE PLATES & TOP PLATE ASSEMBLY.



4 MAIN PLATE AND ALUMINIUM FRAMES ASSEMBLY.

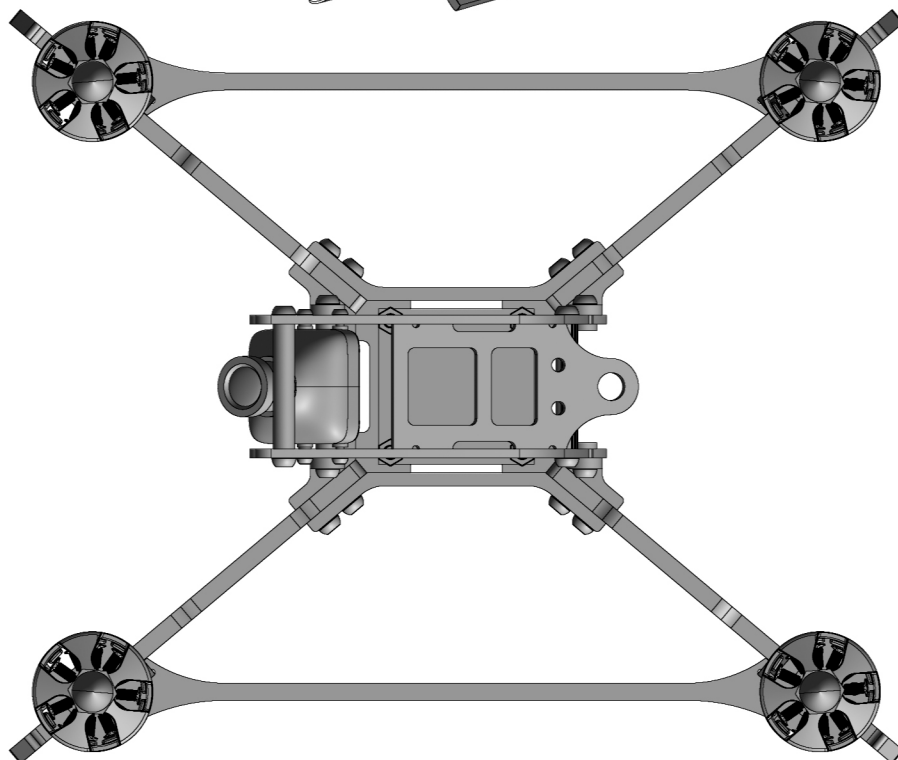
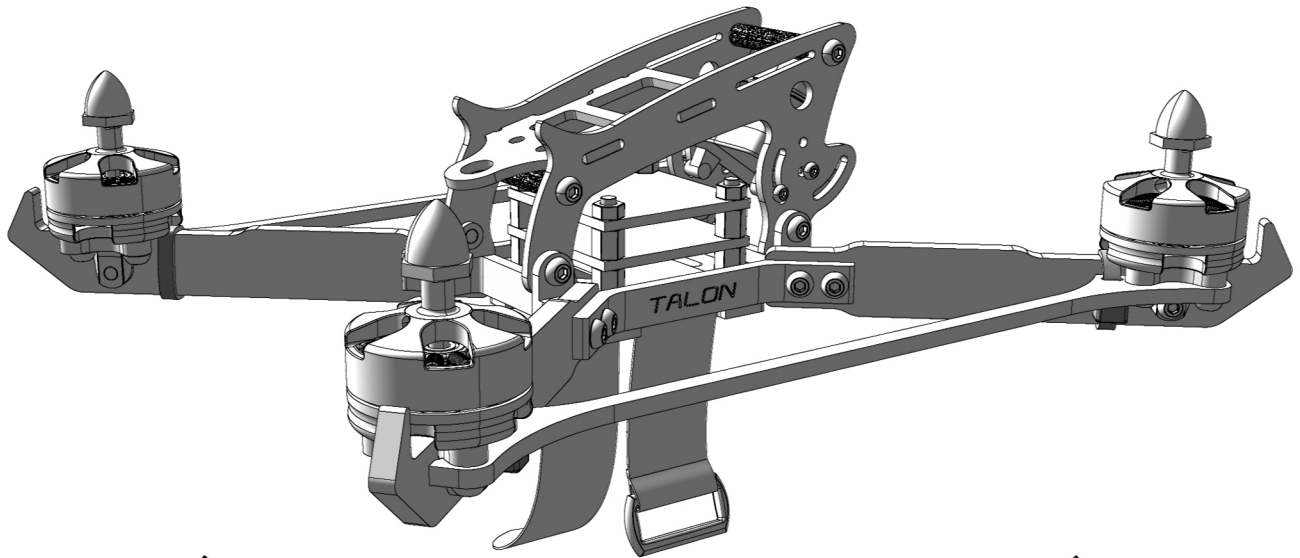
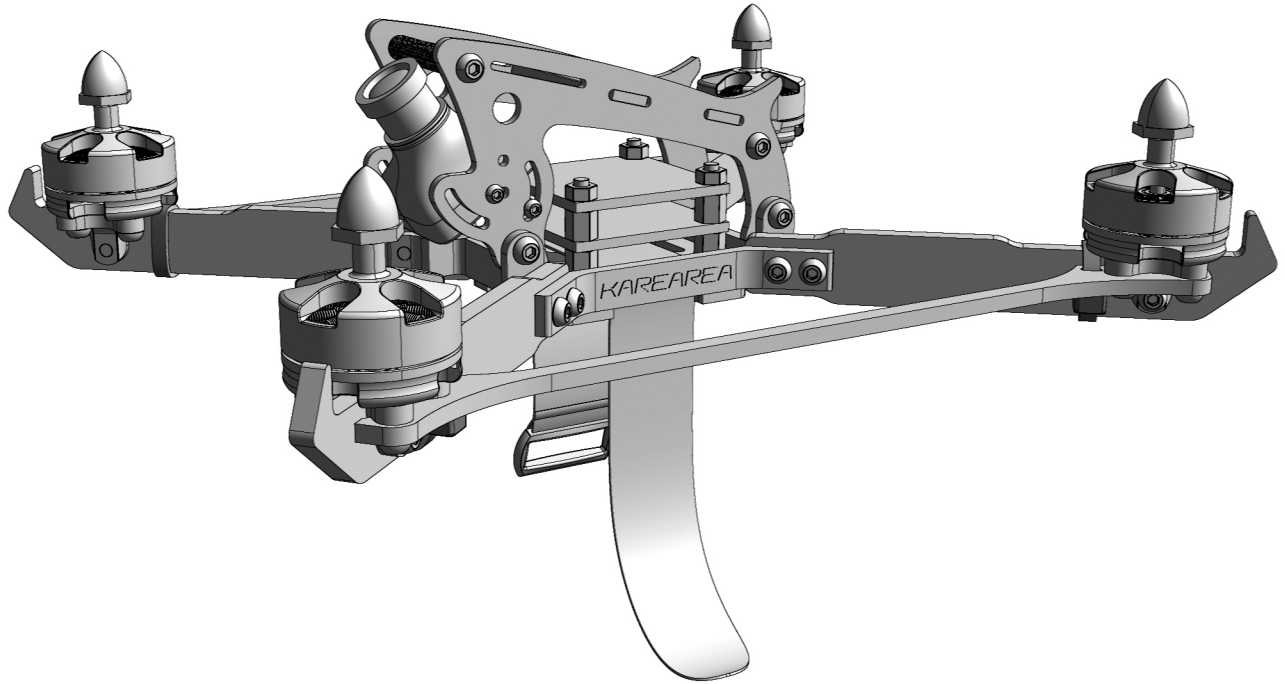


5 LEVELED FRAME



!! PLEASE USE LOCTITE TO SEAL AND RETAIN ALL BOLTS.

6 DONE, ENJOY YOUR TALON~!



THANK YOU~!