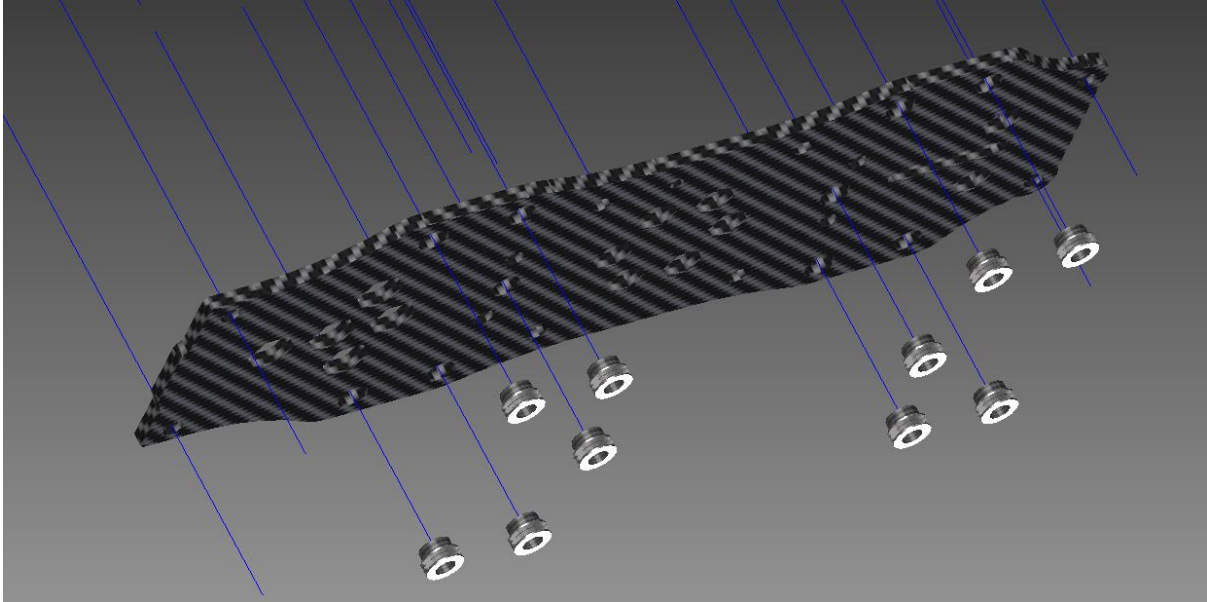


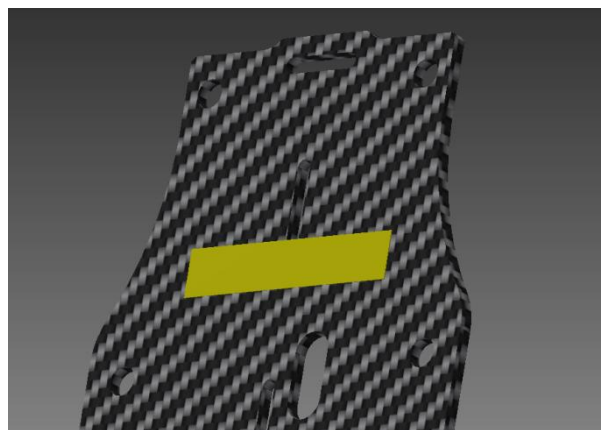
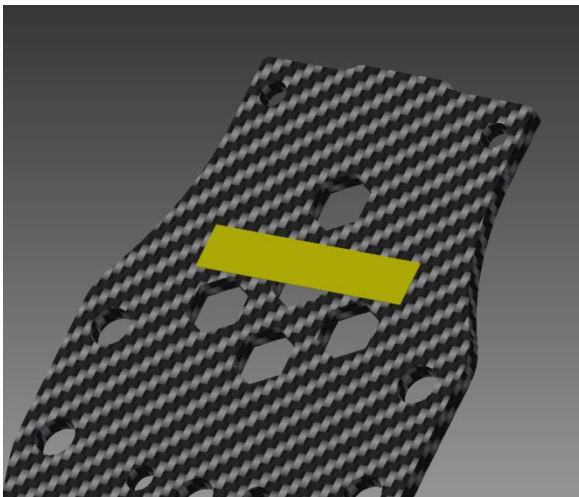
1. Install M3 Inset Nuts

Install the 10 inset nuts in the lower bottom plate. Please use one of the stainless steel hex screw screws supplied to pre-install these. If you use the black hex button screws, they will strip as it is a tight fit.



2. Apply Kapton Tape to Bottom Plates

Add a strip of Kapton tape to the inside edges of the bottom plates. They should sandwich the LED strip to help prevent possible shorts.



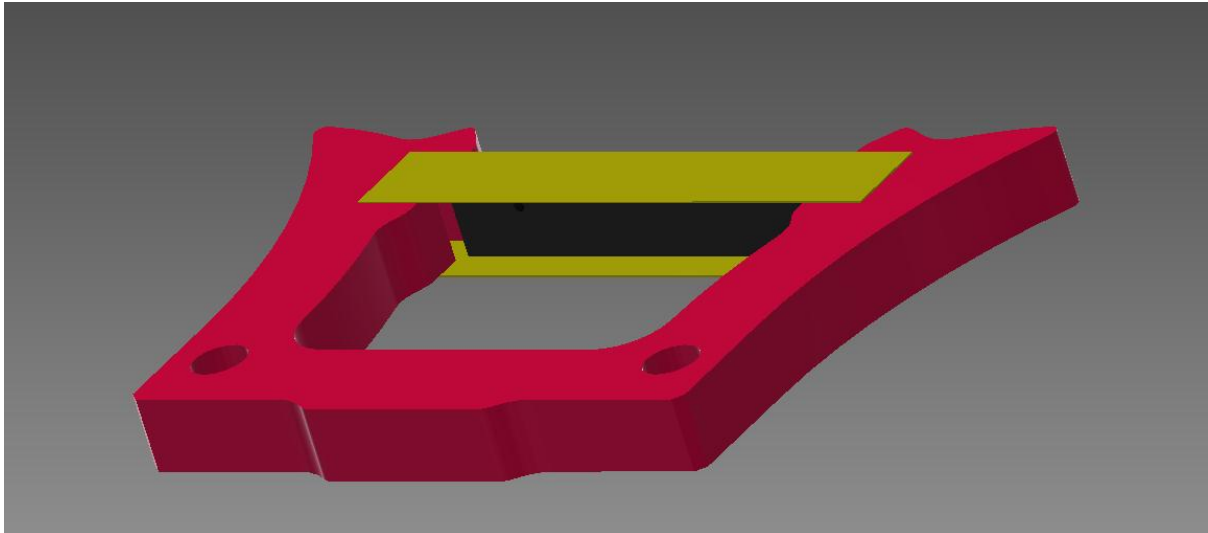
This methodology should be applied to all areas where LEDs are installed.

3. Apply Kapton Tape to Rear PC Bumper

Solder wire to the rear red LED strip, soft silicone 28awg wire is supplied for this task. Install the strip into the slot in the rear PC bumper. Note that the fit is sloppy, install with a thick glue to secure in place, eg. silicone glue.

After installation, apply Kapton tape to the top and bottom to help prevent shorts with the CF plates above and below.

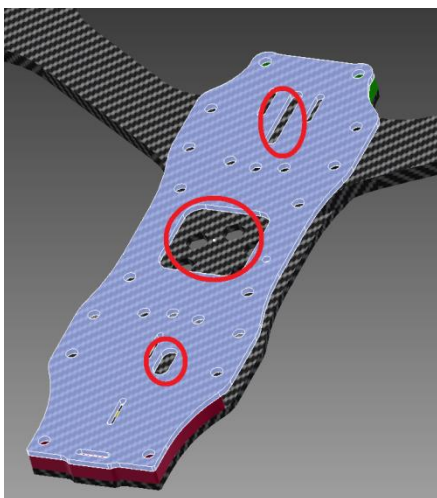
Note that the PC has protective film top and bottom, we suggest you remove before applying Kapton tape.



This methodology should be applied to all PC plates where LEDs are installed.

4. Feed LED Wires

Feed the wires for any LEDs through these holes. Please use shrink tube or Kapton tape to protect the wires from cutting on any sharp CF edges. The supplied PDB has several small vias to solder up the LEDs direct. I.e. the LEDs do not require a regulator, they can handle up to 4S direct.

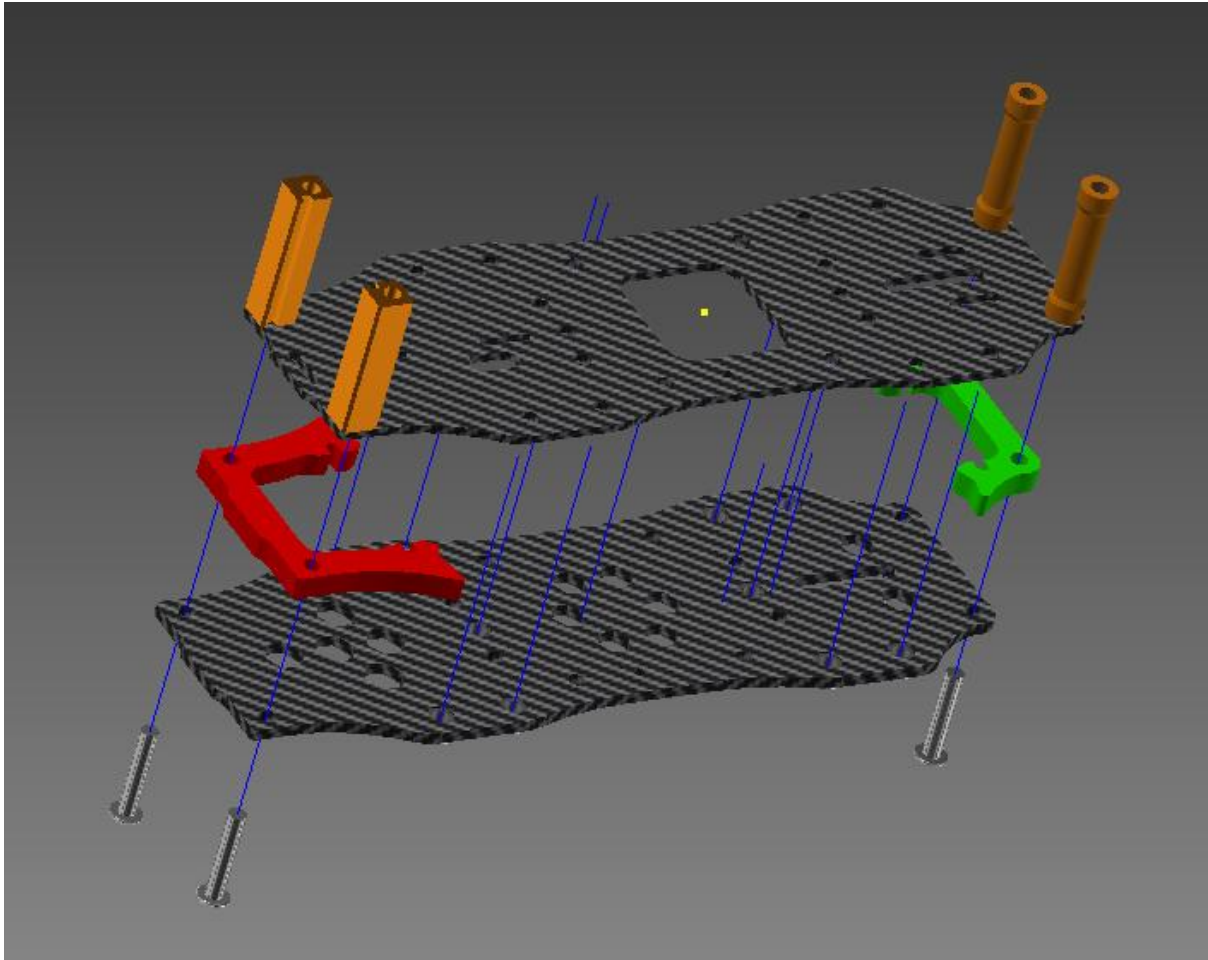


5. Assemble Bottom Plates

Assemble the bottom plates with the clear PC bumpers at front and rear using the 16mm black hex button screws.

Do not install side bumpers at this time as the FC stack screws are required to secure the side bumpers in place.

Note that the slotted rear standoffs face inwards and the slots are located aft.

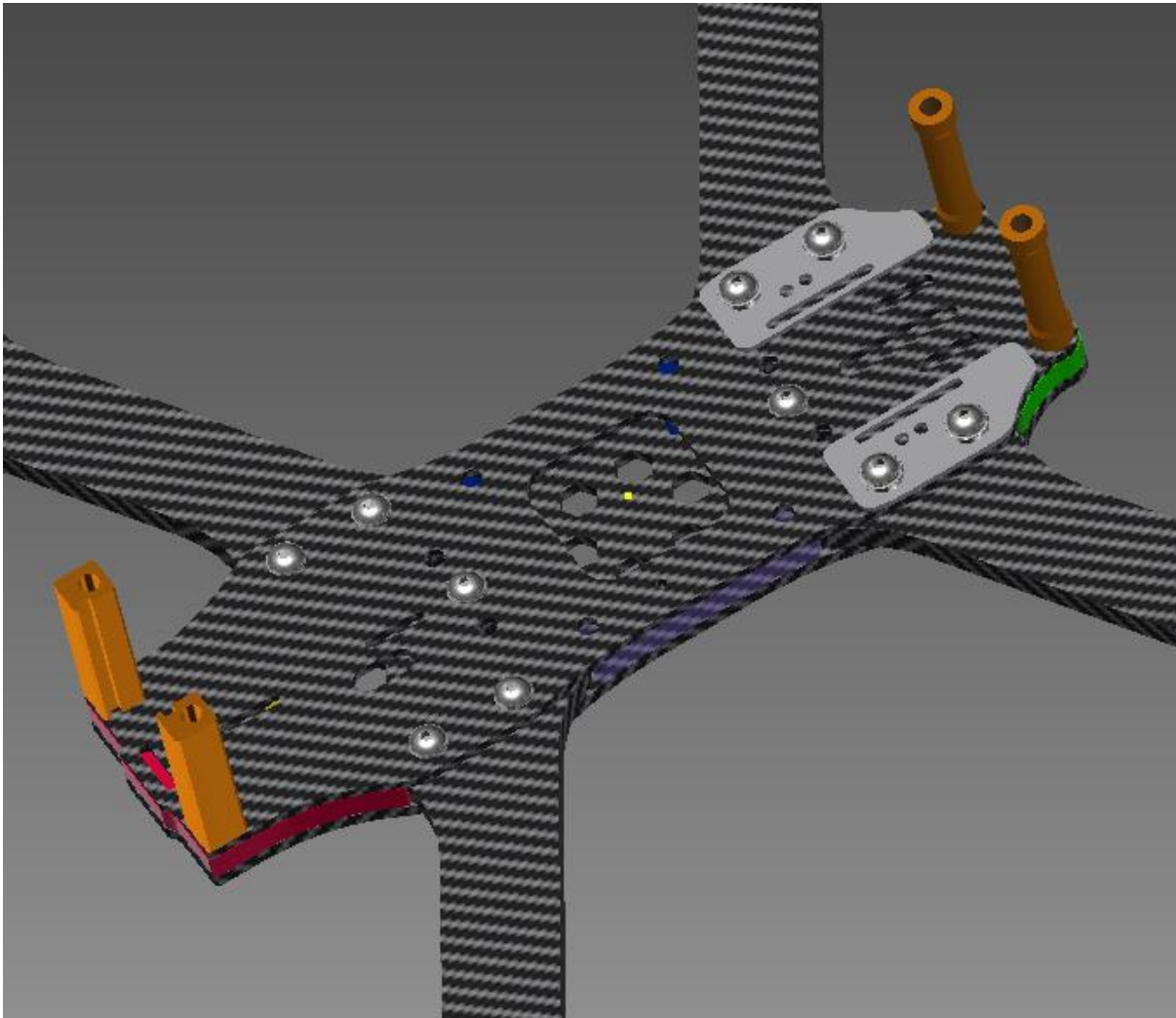
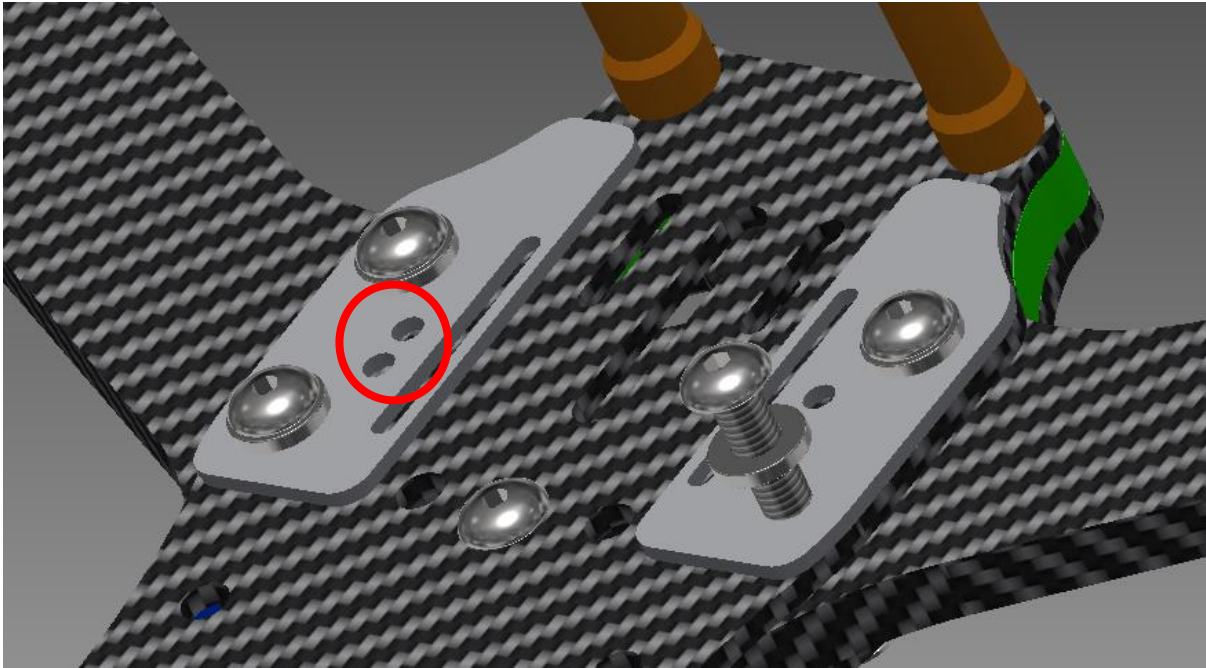


6. Install Arms

The arms are mounted with 10 mm hex button screws (6 screws) except for where the 1mm thick cam slot plates are installed (4 screws). The cam slot plates use 12mm screws and a 1mm thick stainless washer as well.

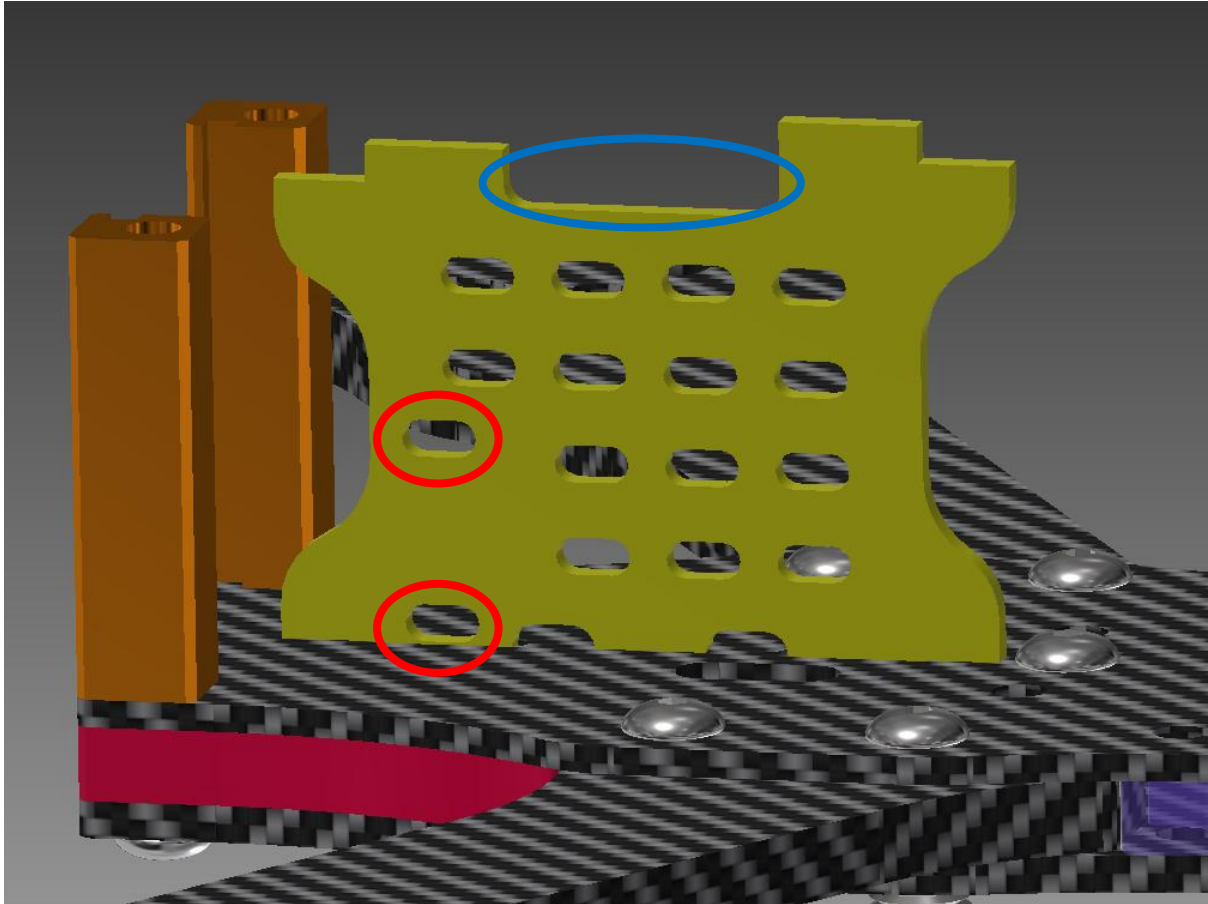
For a mini or split camera, use the slot plates with two small holes. For a micro or sparrow use the plates with three small holes.

Note that we recommend only 10 screws to install the arms. The extra holes are available but not required. To use inset nuts for the extra holes, expand the holes to 4.5mm on the lower bottom plates otherwise use M3 lock nuts.



7. Install Rear PDB

The rear pdb only goes one way, see image below. Use the holes for zip ties to secure VTX and other components. The two holes (red circle) are to secure the capacitor, see separate instructions. The slot (blue circle) allows for the use of a short second rear battery strap when battery is pushed to the back when GP is installed up front. Unlike the main strap which goes around the entire frame, the rear strap only goes round the top plate.

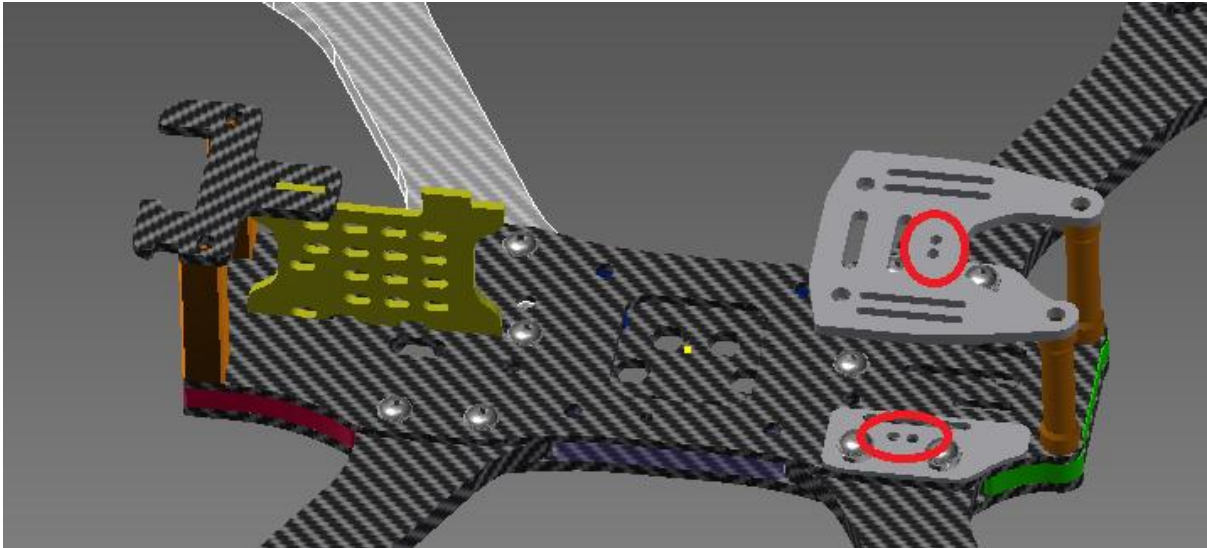


8. Install Bumpers

Install front and rear bumpers. There are two front bumpers to choose from, select the one with the matching holes (red circle) to your cam slot plates.

Two Holes : The inner slot is 22mm wide and the outer slot is 28.6mm.

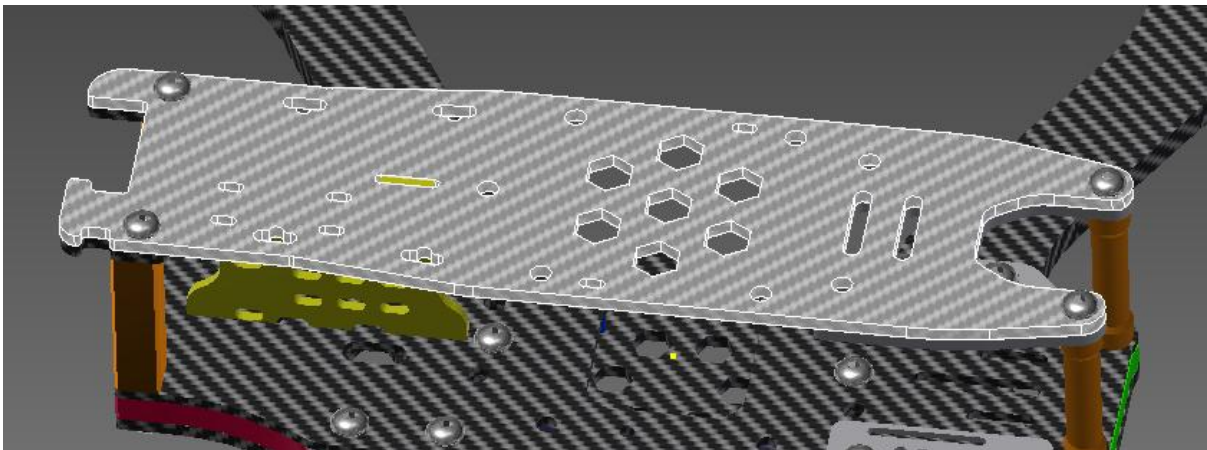
Three Holes : The inner slot is 19mm wide and the outer slot is 28mm.



9. Install Top Plate

Loosely fit the top plate with 12mm hex button screws. If you want more vertical protection for your camera, use the extra 12mm silver hex cap screws at the front, these sit more proud.

Do not install the side cam plates yet.



10. Install Camera

For the Sparrow or Micro cameras, select any of the holes up the front that position your camera best for you.

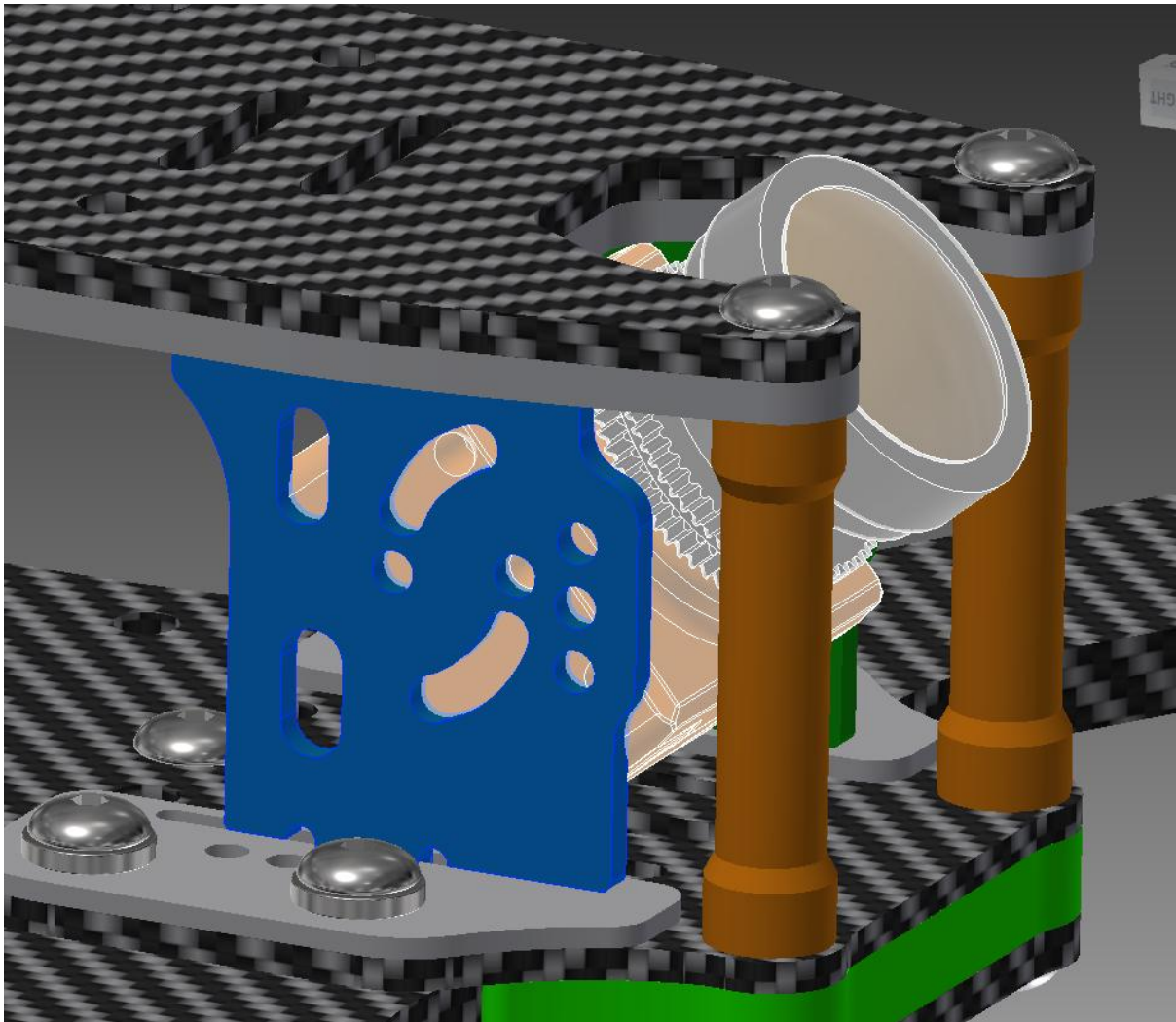
For mini and split cameras, use one of the two centre holes together with matching arc slots.

Attach the camera to the plates before installing assembly into the frame. Slide the camera forward or aft to achieve desired position.

The kit includes several M2 hex cap screws that are better for mounting your camera firmly.

Once your camera is in the desired place, lock down top plate firmly.

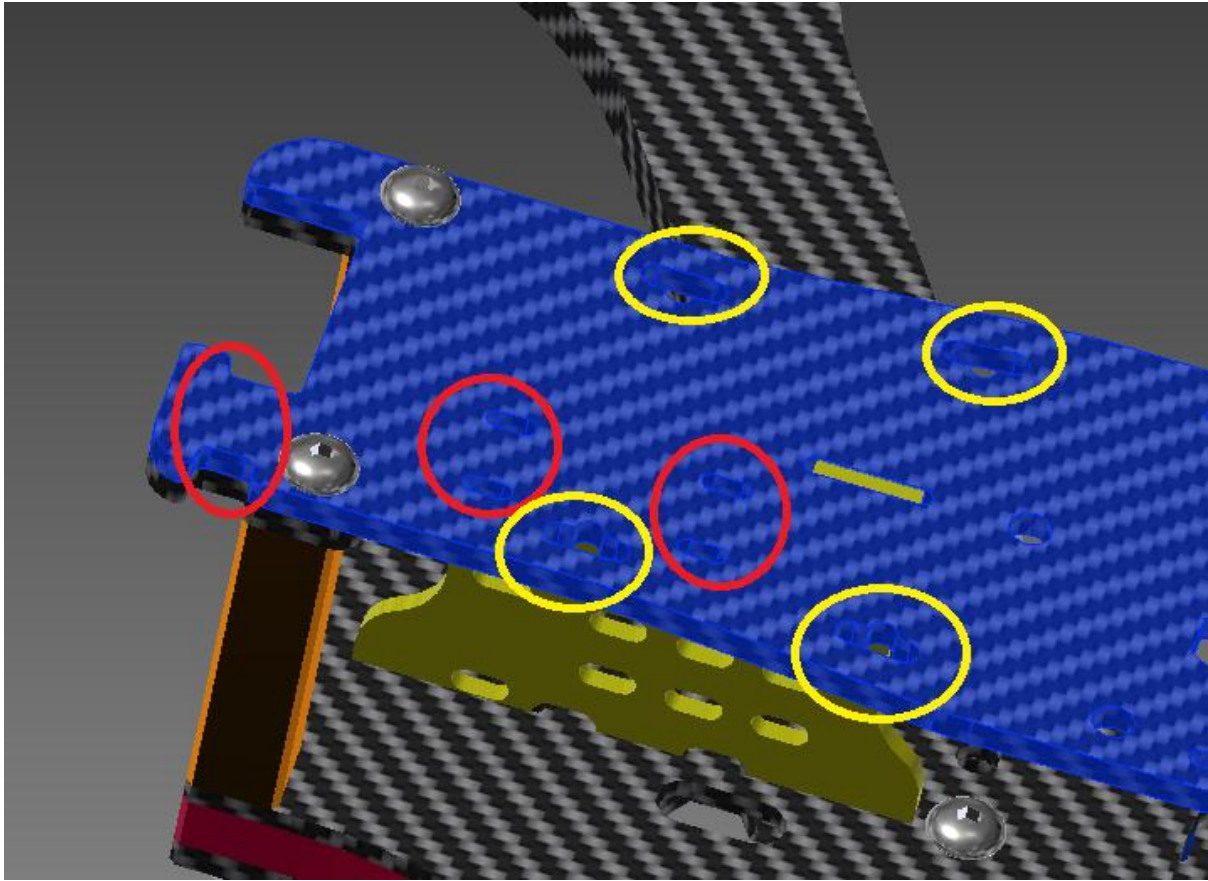
We don't recommend sanding the vertical plates as you don't want it to slide in a crash. If this occurs, use a dab of glue to hold in place.



11. Install VTX

The VTX is secured by the antenna stem beneath the top plate. Use the red slots to attach the antenna with zip ties.

Use the yellow slots and thick zip ties to mount the RX antenna. Use shrink tube to hold antenna in place.



12. FC Stack

We supply a lot of extra hardware so you can customize your stack. The PDB is designed to sit flush with the upper CF bottom plate. If you do want some separation, use fiber or nylon washers.

The PDB is not required if using a 4 in 1.