

Assembly Sequence for the v2 DJI Folding Hinge

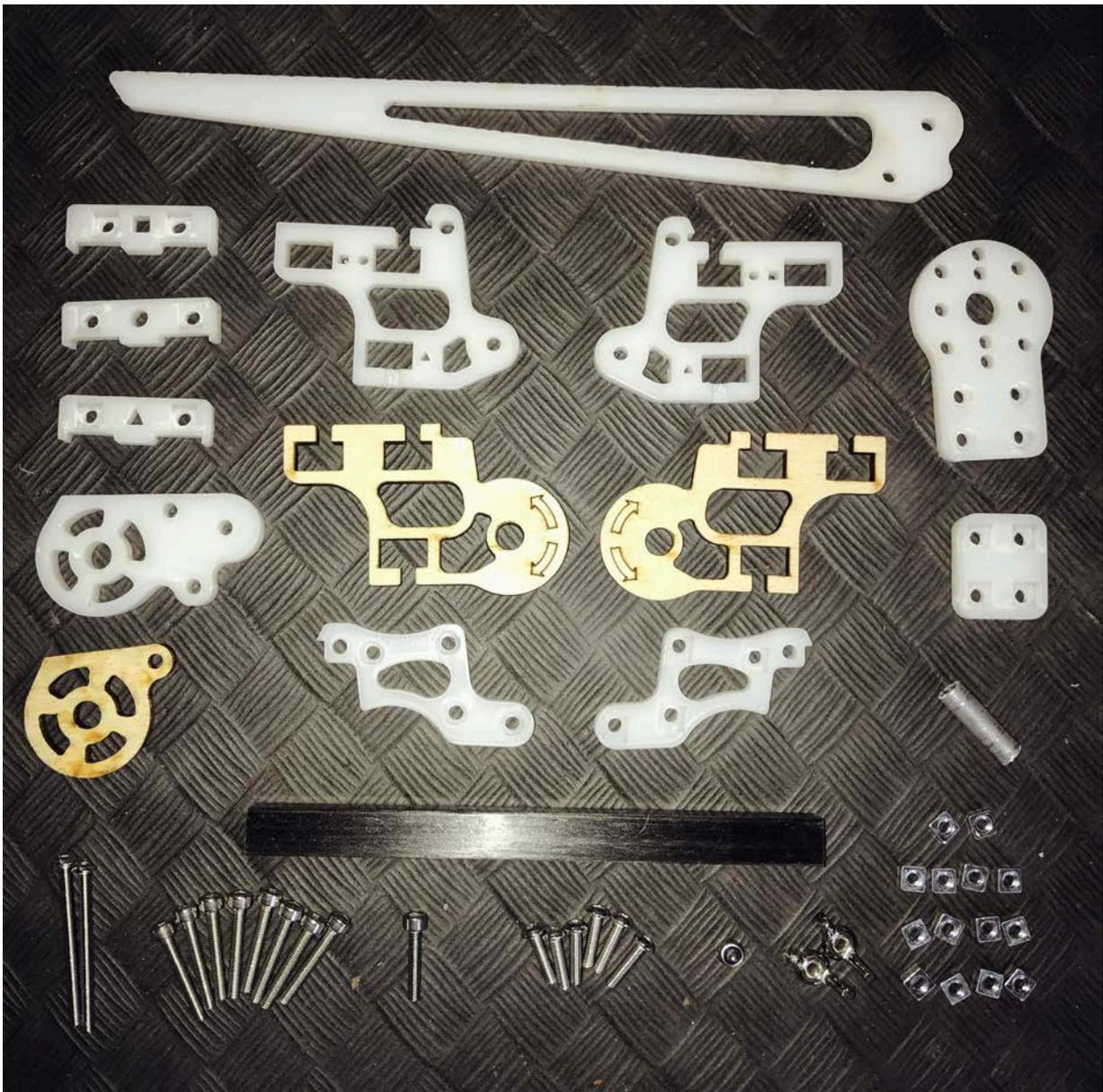
Thank you for buying our hinge kit for DJI's Flamewheels, this should be simple to put together but if you have any questions or require further images please don't hesitate to contact us. Happy Flying!

Your kit should contain the following parts:

2x M3 35mm Bolts
8x M3 20mm Bolts
1x M3 15mm Bolt
6x M3 12mm Bolts

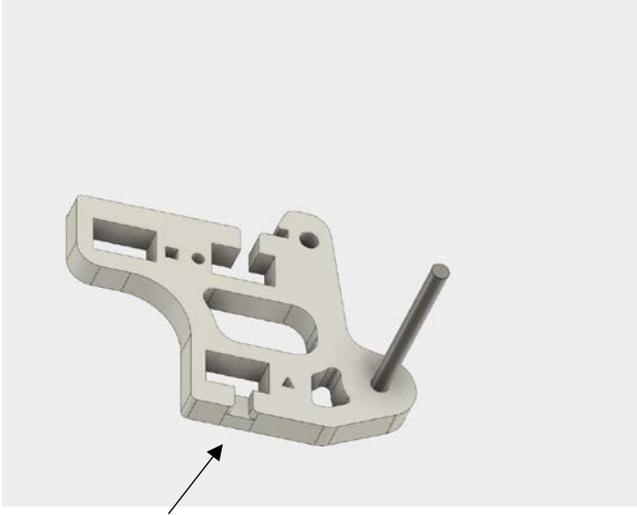
1x M3 Locking Nut
2x M3 Wing Nut
14x M3 Square Nuts
1x Aluminium Hinge Tube

11x 5mm Acetal Plastic Parts
3x 5mm Plywood Parts
1x 10mm Carbon Square Box Tube



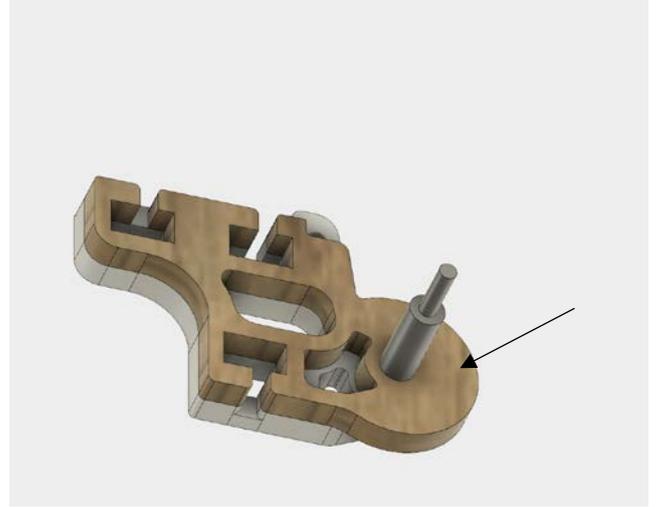
Step 1.

Take one of the plastic side pieces and insert one of the 35mm M3 bolts. Make sure the small engraved channel is on the inside.



Step 2.

Add the aluminium tube to the bolt and then start building up the layers. The up and down arrows on the wooden part should face the outside.



Step 3.

Continue adding layers, the order of these 2 parts is not important but I tend to always do the same order for consistency.



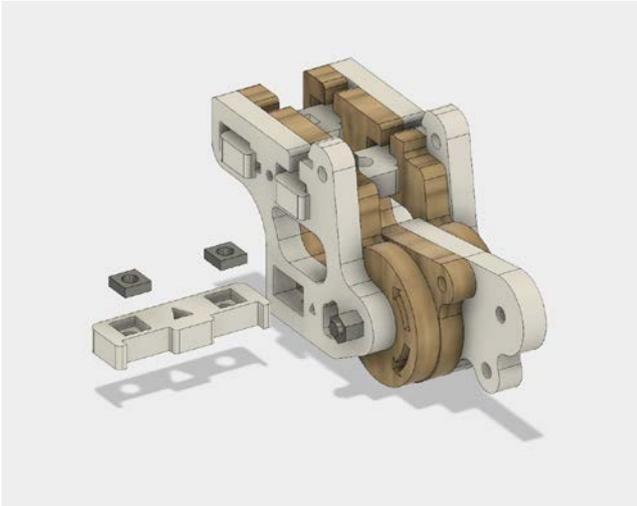
Step 4.

Finish the layers and fasten together securely with the M3 Lock Nut.

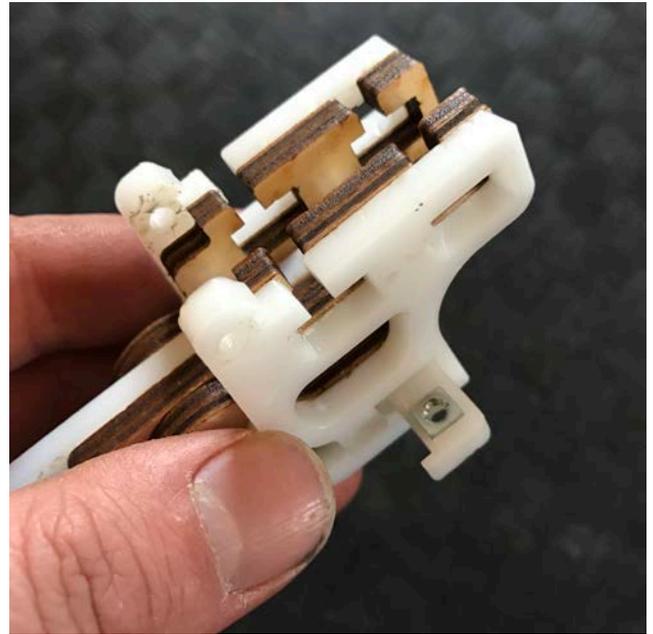


Step 5.

Place the square nuts into the 3 nut holders and slide them in and forwards. Start with the lower holder (triangle) as this will require squeezing the assembly to make it fit.



The nuts should be positioned on the inside of the assembly so that they pull the nut holders outwards.

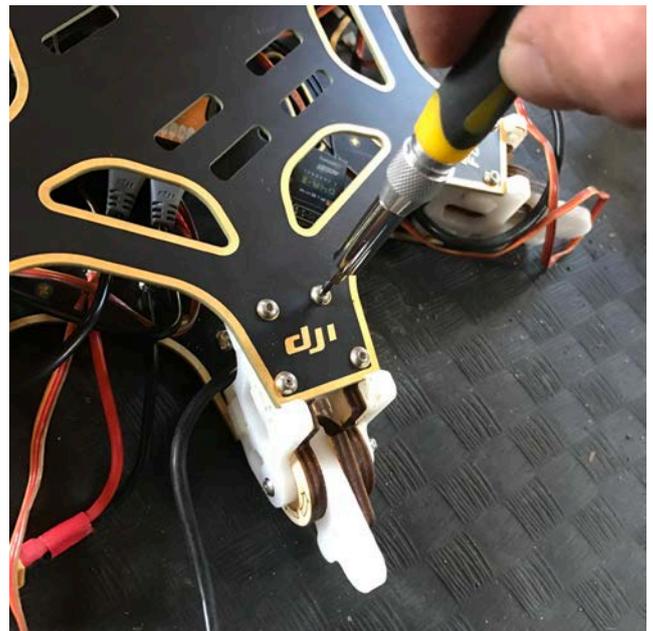


Step 6.

With the nut holders all in place, you can now attach the hinge assembly to the frame.

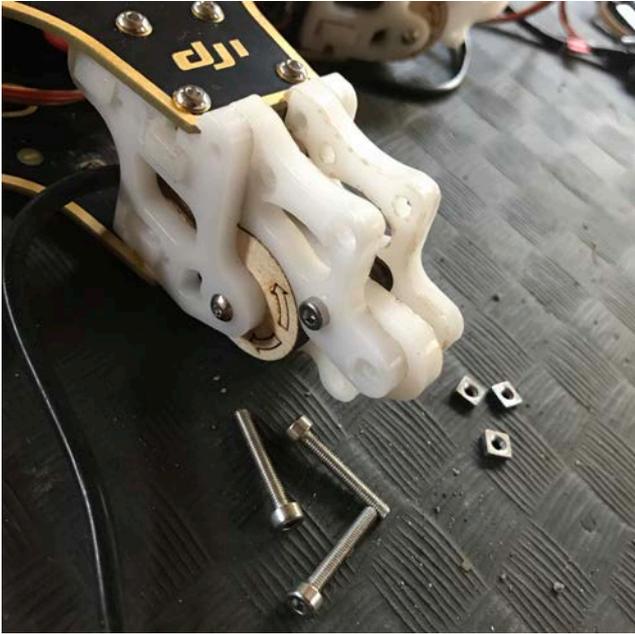


The bolts should easily fall into place if the nut holder is correctly aligned.

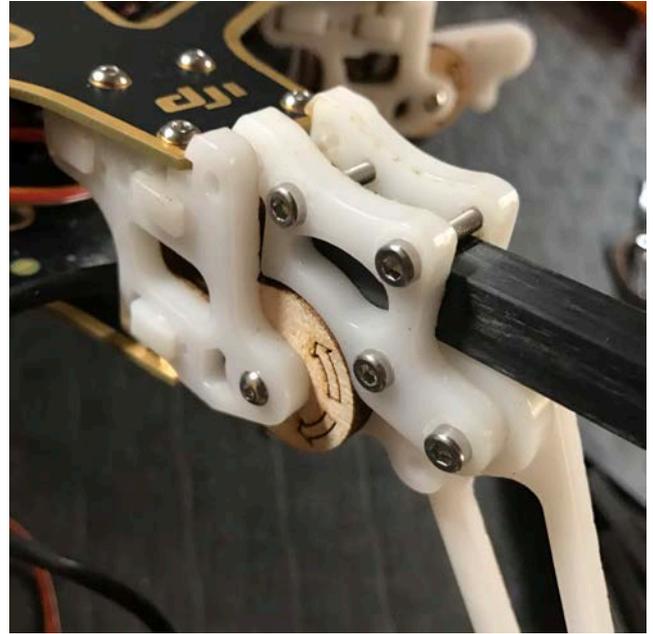


Step 7.

The rest of the hinge assembly and motor mount should fit together easily.



When ready, insert the carbon tube and tighten the bolts around it. Be careful not to crush the tube.



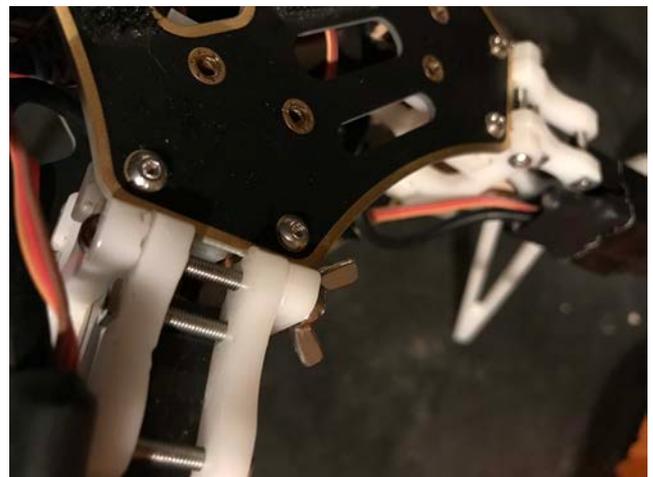
Step 8.

The landing leg can be attached with the M3 15mm bolt and one of the wing nuts.



Step 9.

The landing gear is kept open by sliding the second M3 x 35mm bolt through the top hole and holding it in place with the second wing nut.



Please note: Some of the edges are rough and might be slightly discoloured, they may also not be square. This is a result of the laser cutting process and will not affect how the kit assembles or functions. The discolouring can be scrapped off quite easily.