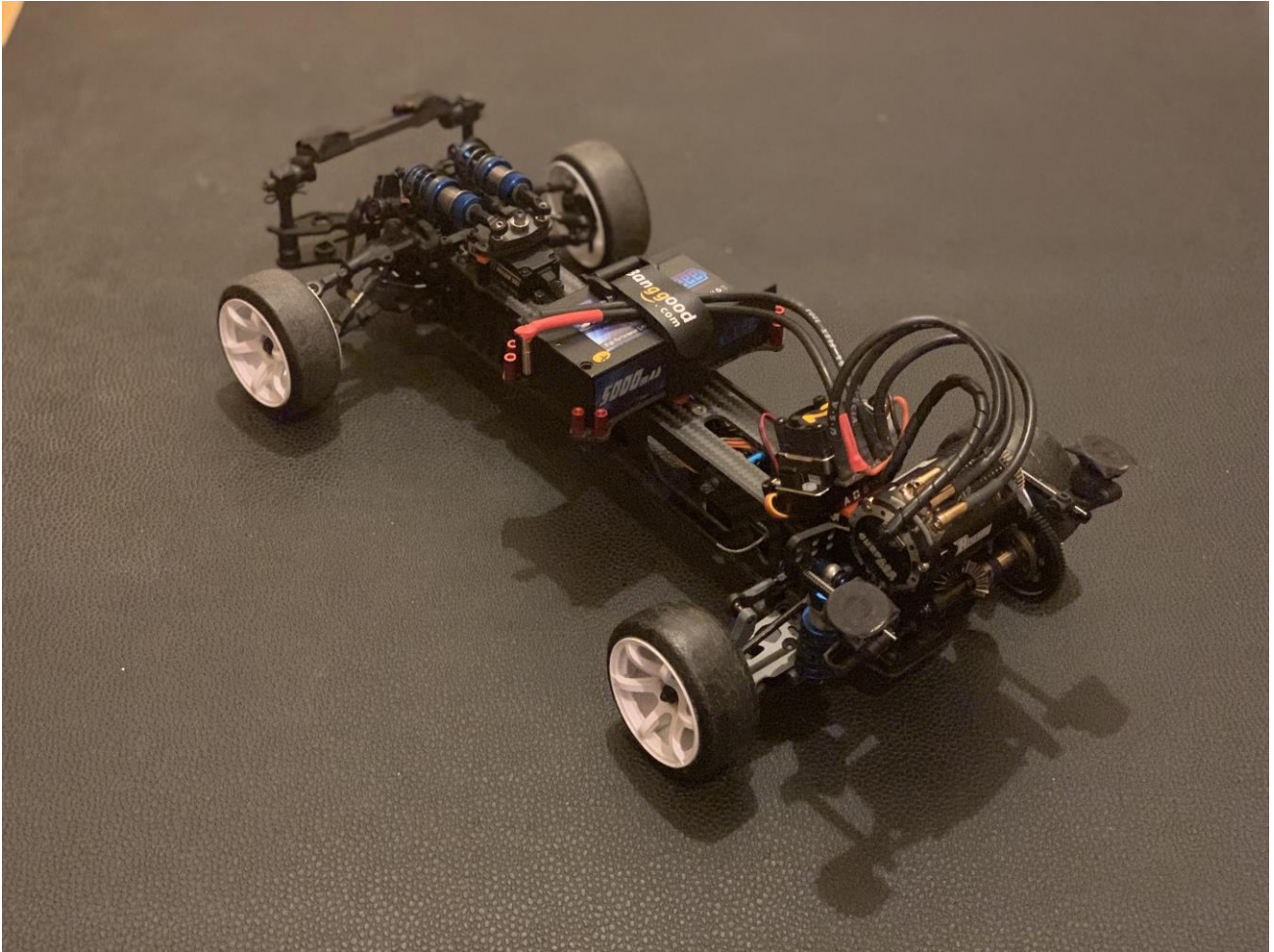


Thank you for purchasing the [www.crafthub.io](http://www.crafthub.io) SakuraD5 Carbon Conversion kit  
この度は、Crafthub.io の商品をご購入いただきありがとうございます。



### **ForSakuraD5s Carbon chassis conversion kit.**

Carbon chassis conversion kit for Sakura D5S-

This kit is a carbon conversion kit for Sakura D5s chassis. It's box structure provides high rigidity and flexible adjustability of the chassis' center of gravity resulting in a realistic feeling when operating.

このキットはサクラ D5 用カーボンコンバージョンキットです。東レ製 3K カーボンを使用し、ボックス構造で高い剛性を実現することで、ダンパーの性能を存分に活かすことが可能です。

## **Feature**

- -Designed for 1/10th scale Sakura D5S
- -No drilling or modification of original parts is necessary.
- -High center of gravity adjustable battery tray. (Shorty type)
- -Toray 3k high quality carbon plating.

## What is contained in this kit?

Parts list of this kit パーツリスト

No	PartsName	Material	Qty
1	Chassis Bottom	Toray 3K Carbon	1
2	Chassis upper	Toray 3K Carbon	1
3	Chassis side	Toray 3K Carbon	2
4	BatteryPlate	Toray 3K Carbon	1
5	Motorhighmount	Toray 3K Carbon	1
6	Standoff35mm	alu	3
7	Standoff30mm	alu	2
8	Knurledpin	alu	8
9	Batterymountbase	colorfabb_HT	1
10	Mountbasenut	colorfabb_HT	2
11	rear lever rate adjuster	colorfabb_HT	LR
12	ESCMount	colorfabb_HT	1
13	rear knucklemulti	colorfabb_HT	LR
14	M3*6 FlatheadScrew		6
15	M3*6 BottonHeadscrew		18
16	M3*8 FlatheadScrew		8
17	M3 nut		2

### Front Carbon Damper Stabilizer

No	PartsName	Material	Qty
1	SeesawPlateA	Toray 3K Carbon	1
2	SeesawPlateB	Toray 3K Carbon	1
3	DamperBridge	Toray 3K Carbon	1
4	4.8mmBallend	yokomo	2
5	M3*15Bottomscrew		1
6	YokomoRodend	yokomo	2
7	NMB3*8*4Bearing	NMB(MinebeaMitsumi)	1
8	4mmSim	ColorfabbHT	2
9	DamperCap	ColorfabbHT	1
10	M3*6FlatScrew		2
11	M3 Press_nut		1
12	Shims	M3*2	1
13	Shims	M3*5	1

## What we need to assemble

Clamp, Hammer, EpoxyGlue, hex drivers  
クランプ、ハンマー、エポキシ接着剤



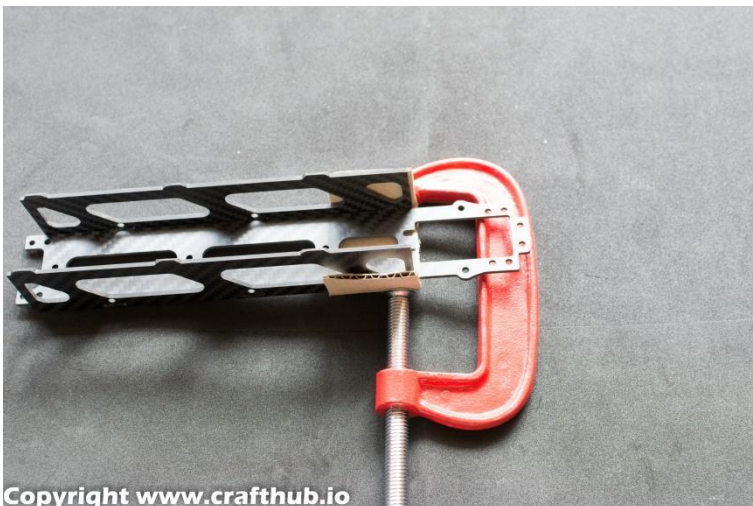
## Construction manual

1,

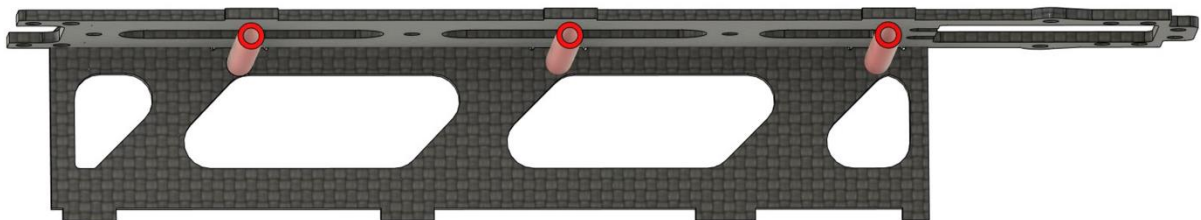
Build the upper deck and side frame. Use 2 pieces of cardboard as a barrier between the clamp and carbon to protect the carbon. Align the top deck tabs to the corresponding holes on the side frame and use the clamp to carefully tighten them into place ( refer to pictures for correct orientation.) .  
Secure frame with the 3x 35 mm standoffs and 6x m3 button screws.

When assembling the chassis, **don't use epoxy glue!**

アップーデッキの組み立て。カーボンに傷つかないように、厚紙などでパイスのあたる面を保護します。シャーシの組み立てで、エポキシ接着剤を使う必要はありません。

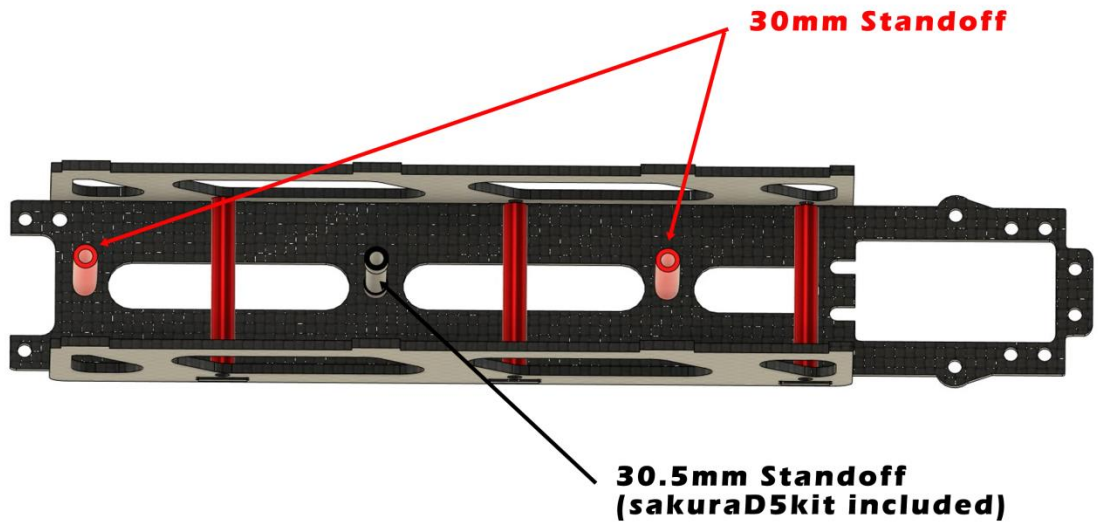


Tighten up gantry, and then connect it with 35mm stand off, M3\*6 Button Screw.  
ゆっくりと確実に圧力をかけてサイドフレームとアップーデッキをはめ込みます。



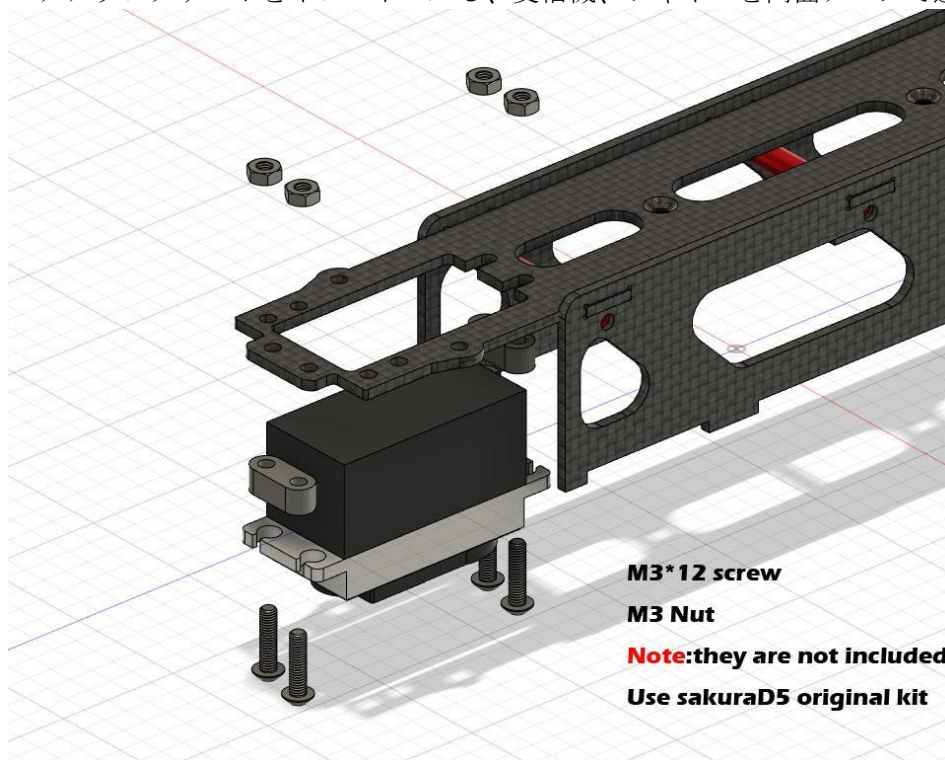
## 2, Vertical standoff

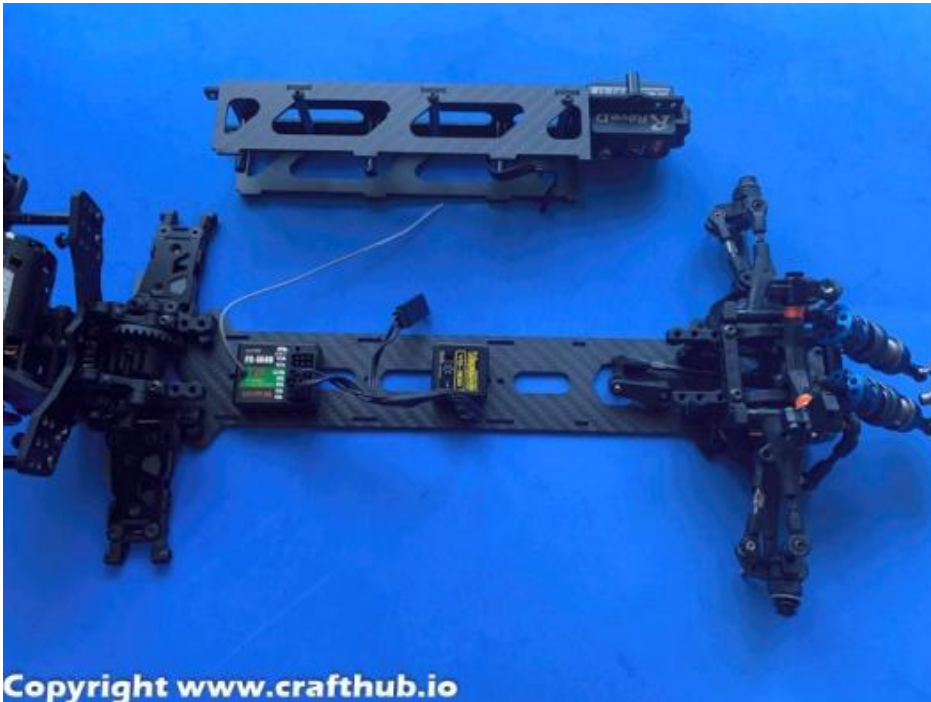
(30.5 mm standoff is already included in the stock chassis of the D5 and will need to be uninstalled and then re-installed under the top deck)



-Install steering servo on upper deck in the same orientation as the original chassis.  
Install the receiver and gyro on the bottom deck with double sided tape ( you can install the receiver and gyro on the top deck, but it will limit your placement options of the battery tray).

ステアリングサーボをインストールし、受信機、ジャイロを両面テープで適切な場所に固定します。





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-Connect assembled upper deck and side frame to the bottom deck with 6x 3\*8 flat head screws ( make sure your gyro and receiver are installed to bottom deck before).

その後、アップーデッキを固定します。

After connecting the upper and bottom deck slightly loosen all the screws and check that the body doesn't have any distortion or misalignments, then tighten again.

上下のシャーシが一体化した後、すべてのシャーシのスクリューを一度緩めて、シャーシに歪がないことを確認した後、すべてのスクリューを慎重に締めます。

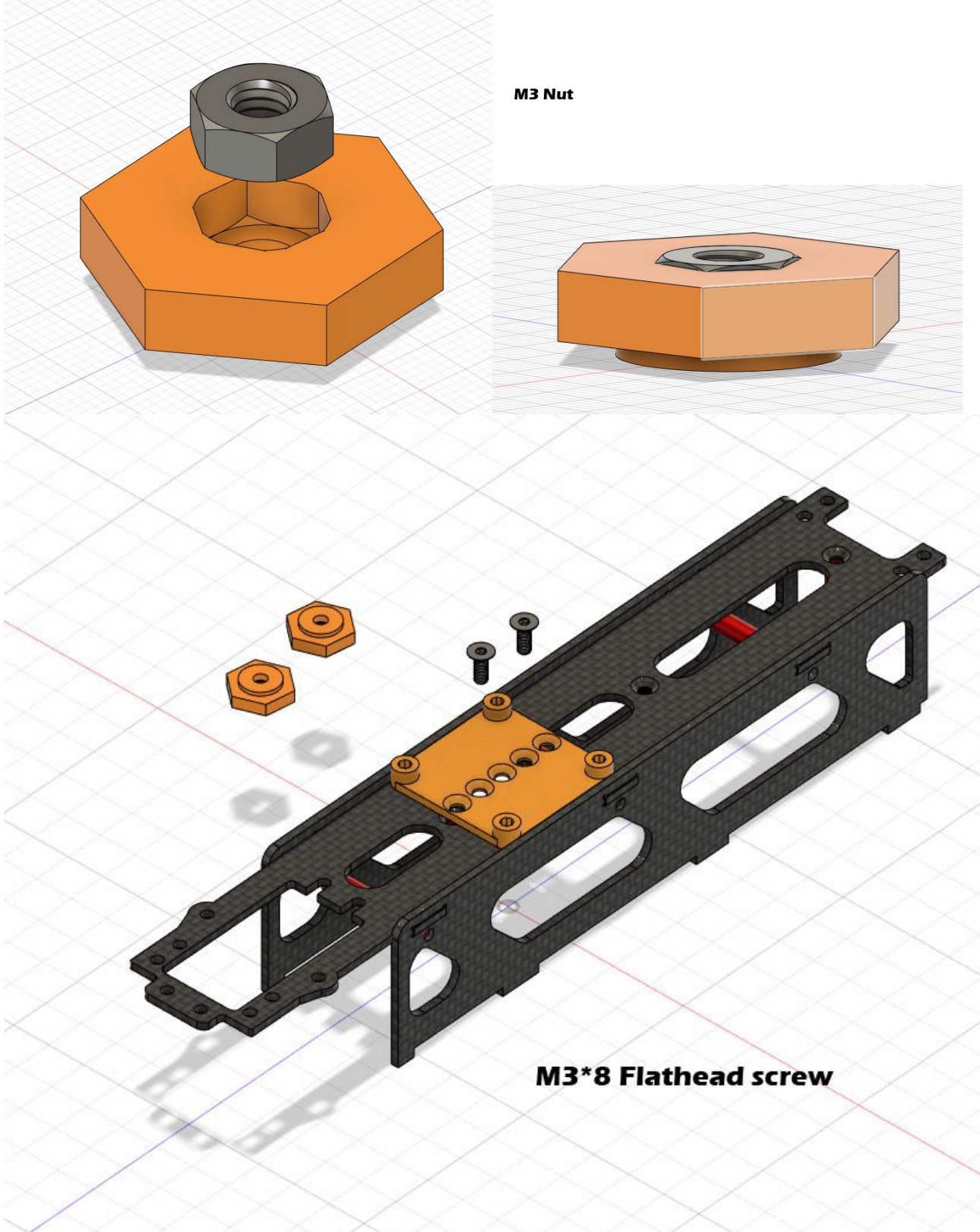
3



Remove M6\* 26mm post and install esc mounting plate in its place with 2x m3\*8 flathead screws (See orange plate in above photo).

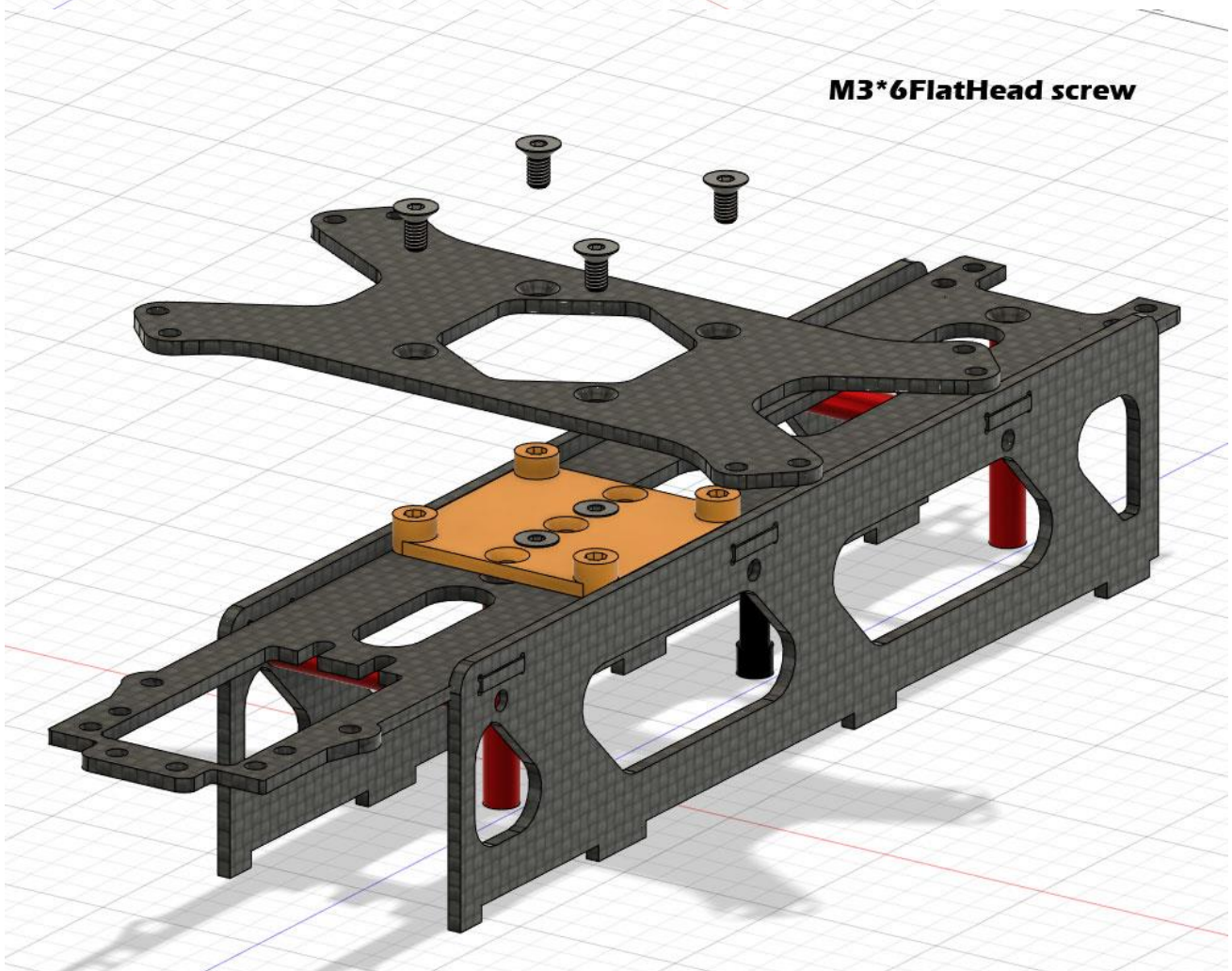
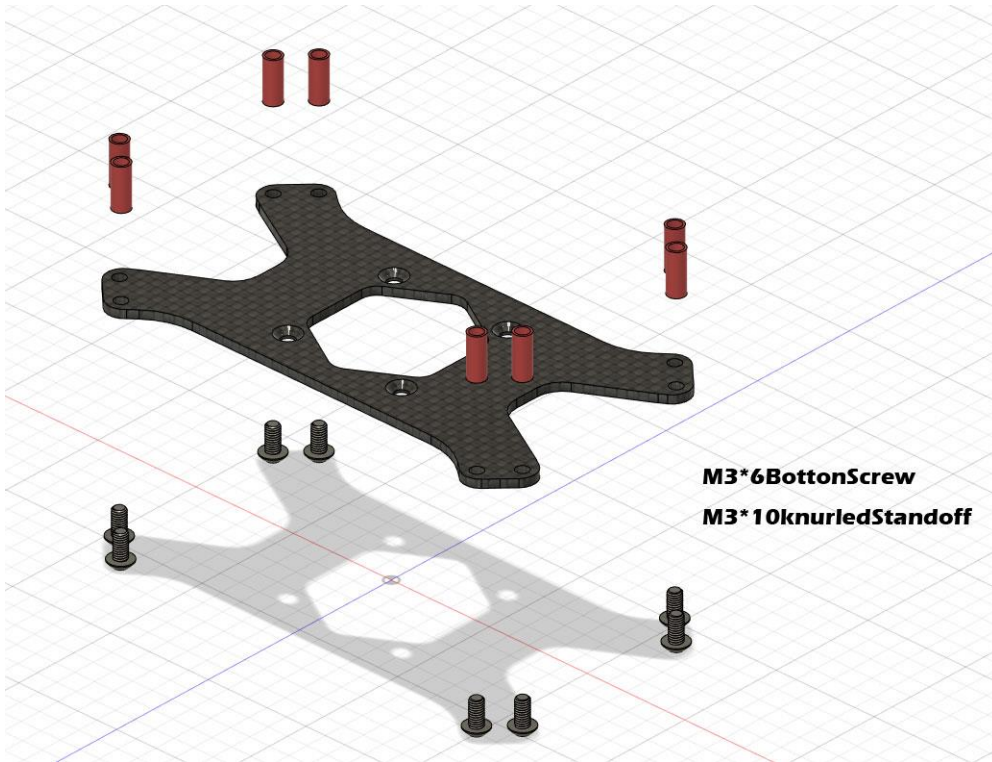
M6\*23mm ポストを外して、代わりに ESC マウントを M3\*8 皿ビスで固定します。

## 4 Battery Toray/Mount base



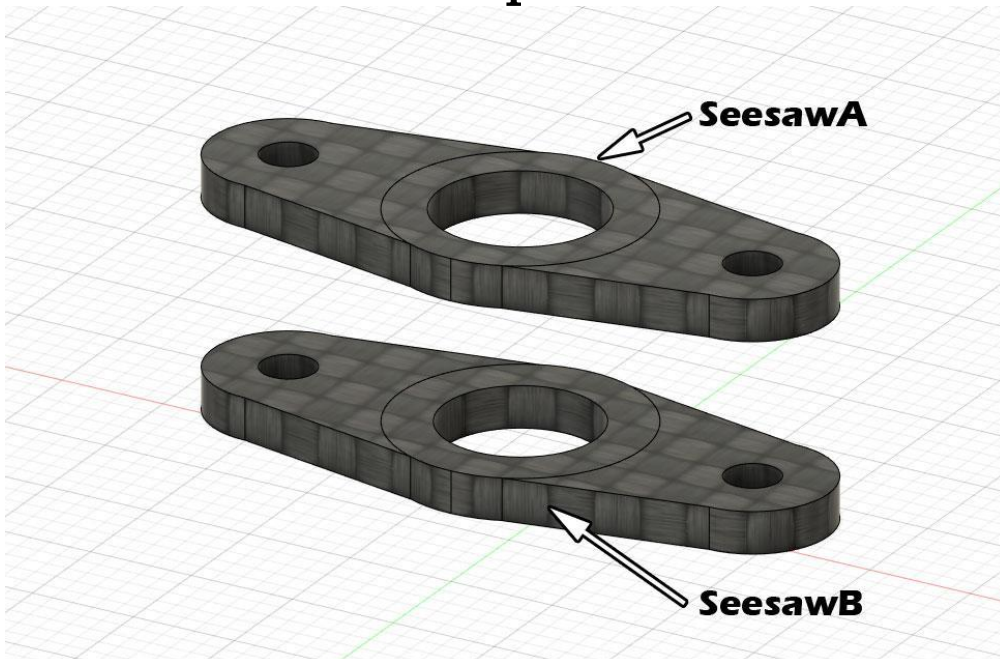
Battery mount can be set anywhere on upper deck so you can adjust the vehicles center of gravity ( refer to above photo for installation).

バッテリーマウントは希望のシャーシ CG に応じてアッパーデッキ上のどこにでも固定できます。





## 4 Front Seesaw Damper stabilizer



NOTE: Seesaw A and B are NOT the same! Plate A's Inner Diameter is LARGER than B. Use epoxy Glue and line them together. Tighten them together with the ball end provided.

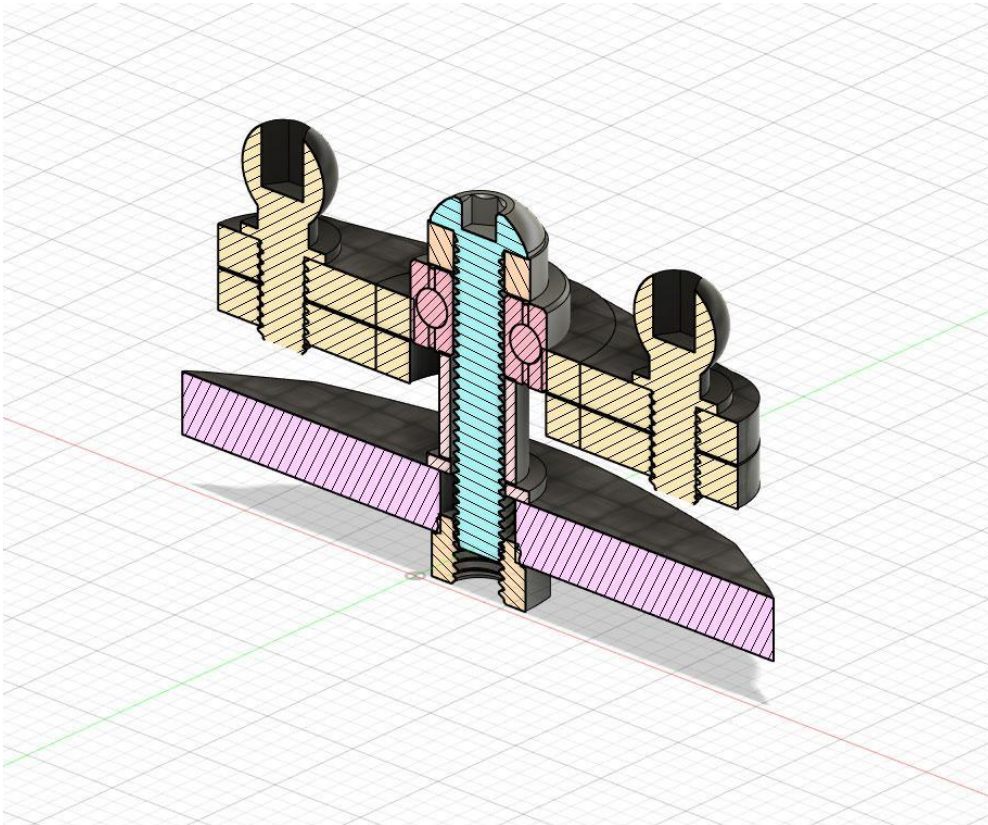
シーソーAとBは同じではありません。エポキシ接着剤を使ってAとBを貼り合わせ、ロッドエンドをしっかりと締めて硬化を待ちます。



After Epoxy glue is done curing/drying, insert the NMB3\*8\*4 Ball Bearing from the seesaw plate Aside.

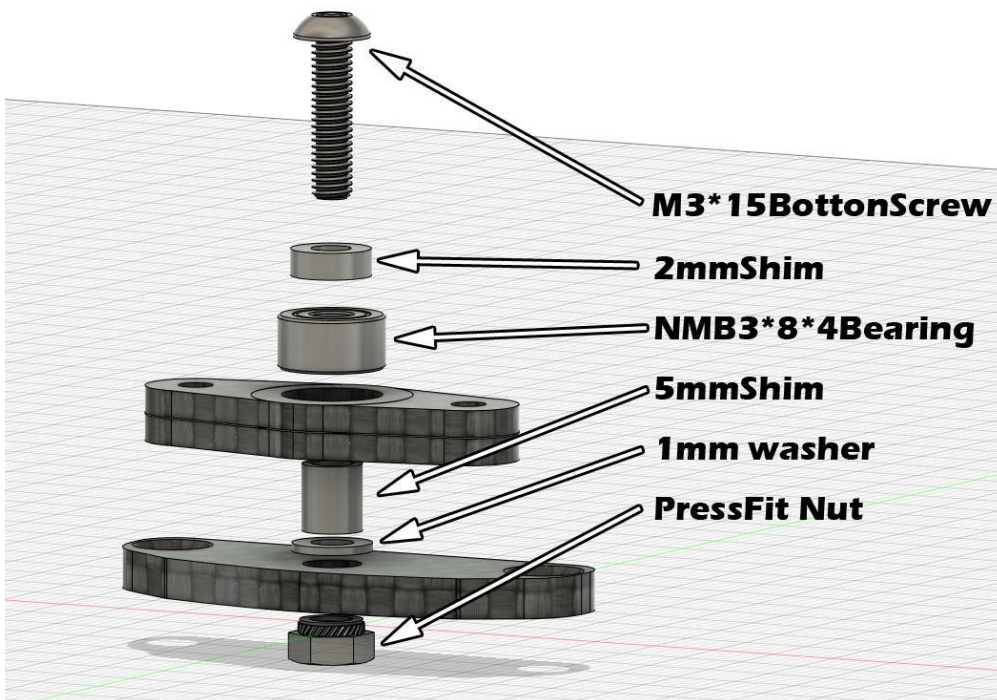
The bearing will stop by seesaw plate B. Because B side seesaw plate inner diameter is 7.5mm.

エポキシ接着剤が十分に硬化した後に、ベアリングをプレートA側から挿入します。ベアリングはプレートBまで挿入することはできません。

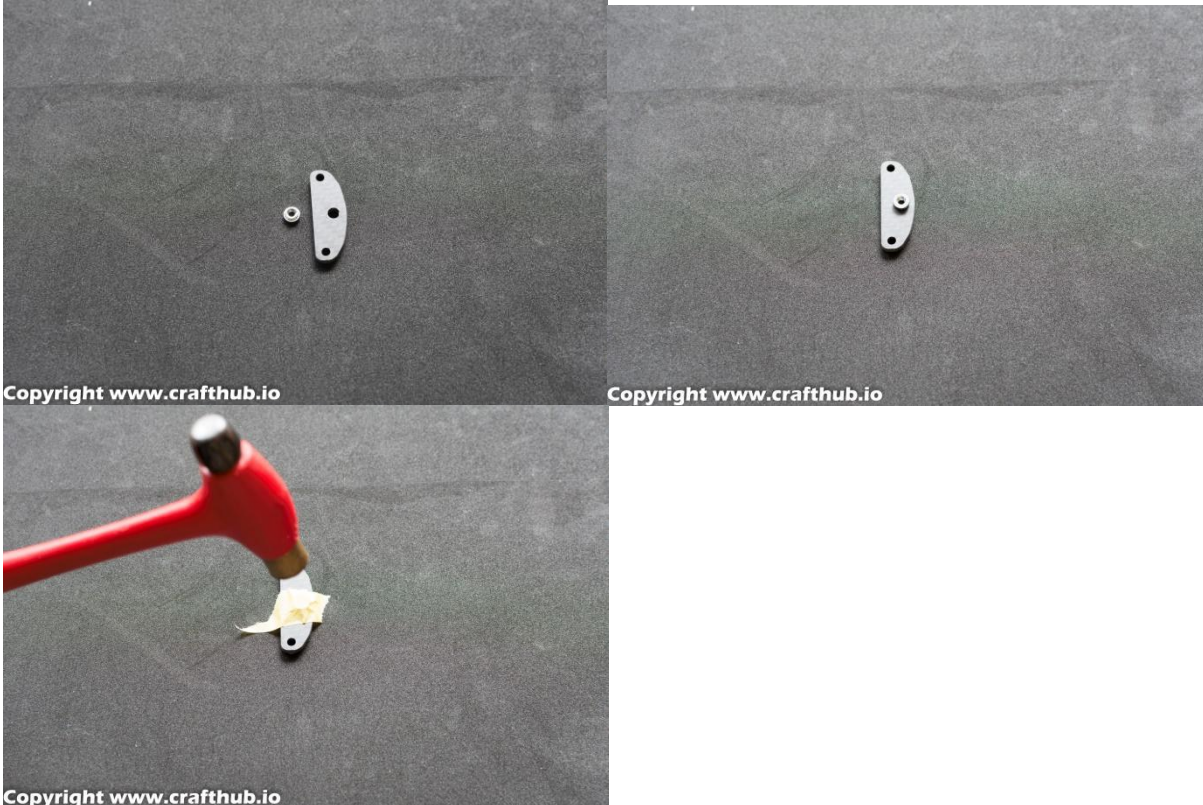


断面图

## Seesaw and Damper Bridge assemble.

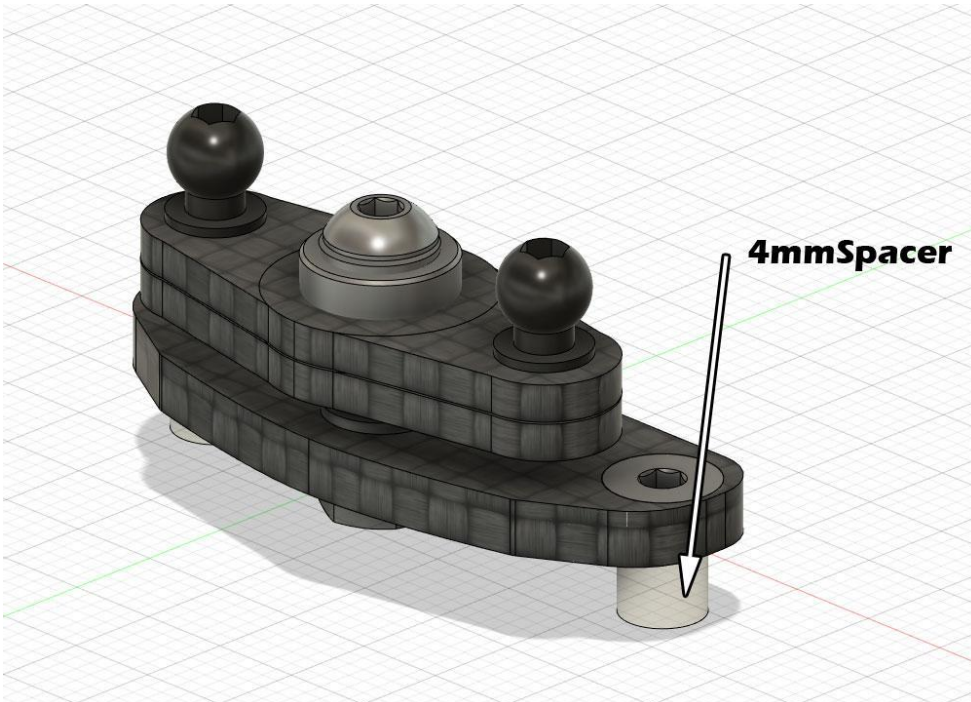


## How to insert Pressfit Nut



Pay attention to the top side and bottom side of the bridge plate. Press nut should be on the bottom side of the bridge. Use the hammer to penetrate the press-fit nut.

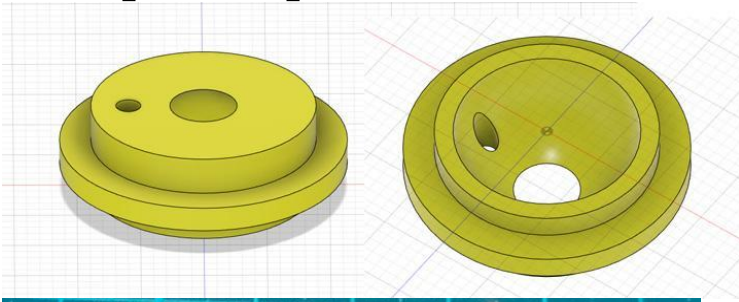
ブリッジプレートの表裏を注意してください。プレスナットは下側に取り付けます。



Put the stabilizer on to the upper deck.

4mm スペーサーを挟んで、アッパーデッキに固定します。

## Damper Cap



Assemble damper cap with x2 m3\*6 flathead screws ( damper caps will not work with stock Sakura shocks. Tamiya trf shocks are used in the photo. Upgrading shocks is advised.)



**Disclaimer**

Do not use this file for commercial purpose without any permission.

This model is designed to make FDM 3Dprinter, the parts have some additive markings, however, no problem for those parts function.

We use/recommend ColorfabbHT firmament

<https://colorfabb.com/colorfabb-ht-tritan>

If you have any question, please contact is via a form.

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