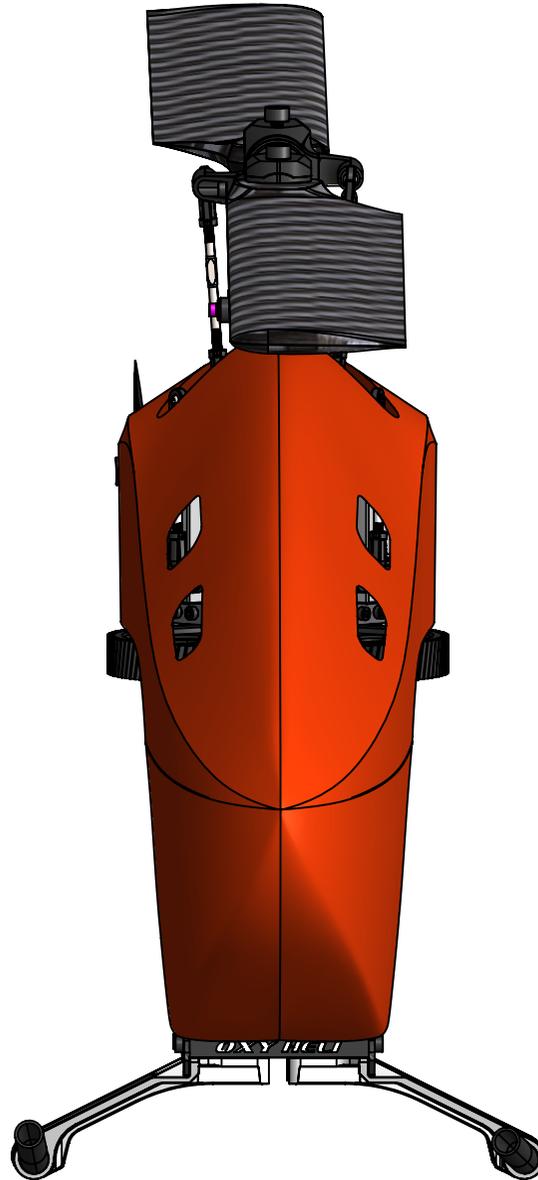


FLASH

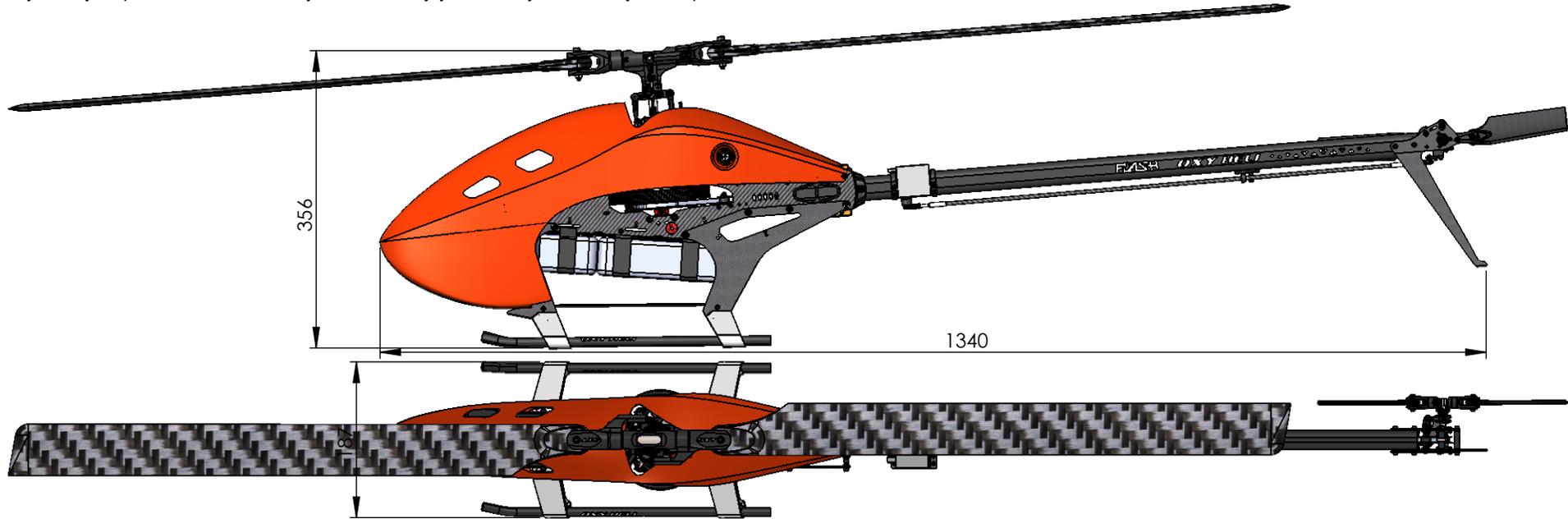
PURE PASSION Instruction Manual

Revision: 01 Date: 01-Jan-2023



VERY IMPORTANT NOTE:

- Oxy Team continues work on manual updates to give the most and recent assembly and set up, visit the Oxy Heli web site lynxheli.com (Products/Oxy Heli/ Kits/ select your kit) to download the latest version of the manual.
- Inside Box 3 you will find your serial number card and serial number tag. Please take a moment to visit the lynxheli.com web site ((Products/Oxy Heli/ Kits/ select your kit) and follow the instructions to register your helicopter and serial number.
- It is important you take few minutes to register your helicopter and serial number with us. This is the only way to be in contact with us to receive news, promotional information and technical tips.
- Thank you for your purchase, and we wish you the best enjoyment with your new Oxy Helicopter



- | | |
|-----------------------------|---------------------------------------|
| - Main Blade Length: | - 680 to 700mm |
| - Main Grip Clamping: | - M5 - 12mm Root |
| - Tail Blade Length: | - 105 mm |
| - Standard Main Gear: | - Slant 115T - M1 |
| - Standard Pinion: | - 11T (Optional 12-13-14) |
| - Standard Main Ratio: | - 10.45 (optional 9.58 - 8.46 - 8.21) |
| - Standard Main Pulley: | - 90T |
| - Standard Tail Pulley: | - 18T (Optional 19-20) |
| - Standard Tail Ratio: | - 5 (optional 4.73 - 4.5) |
| - Tail Blade Clamping: | - M3 - 5 mm |
| - RTF Approximately Weight: | - 5kg |
| - Motor size: | - 4025-4030 |
| - 6S Max Battery Size: | - 6000 |
| - 12S Max Battery Size: | - 5000 |

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Lynx Heli Innovations Oxy Heli Intellectual Property

Lynx Heli Innovations has declared all documentation within it's manuals, websites, drawings and production plans are the intellectual property of Luca Invernizzi. This declaration also includes all images, videos, graphic designs, brand logos, part designs, helicopter accessories, helicopter parts, helicopter kits produced and retailed under the brands Lynx Heli Innovations, OXY Helicopter, OXY HELI. No other company or individual is allowed to use this intellectual property to take, use, claim ownership or rights, republish, reprint, recreate or reproduce in any way.

IMPORTANT NOTE:

This model helicopter has been designed and produced to be a high performance 3D machine. With its simple design and low parts count, pilots of all skill levels will appreciate its easy repairability. This is not a toy. Please take care assembling the model, and take care and responsibility when you fly it. We take no responsibility for any damage or injuries, either direct or consequential, from the use of this product. If you are not experienced in the assembly and flying of a high performance model helicopter we recommend you seek the assistance of an experienced pilot. Above all, fly safely and we hope you enjoy this model.

SAFETY GUIDELINES:

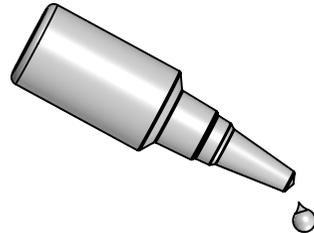
Only fly this model in areas designated for the use of model aircraft. Ensure you obtain indemnity insurance, normally available through your National model aircraft association. Remain at least 6 meters (20 feet) from the model at all times. Never allow spectators or animals any closer than 30 meters (100 feet) from the model.

NOTES FOR ASSEMBLY:

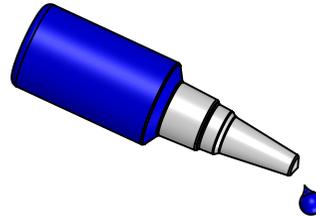
Please read this instruction manual fully before beginning assembly of this model helicopter. Be sure to use quality tools during the assembly process, and remember not to overtighten small fasteners. Note the following symbols which are used in this manual. Use thread lock sparingly where indicated. If you are unsure about an assembly step, please seek the advice of an experienced pilot. Warranty on any parts is only applicable prior to assembly of the part on the model. **NONE OF THE PRE ASSEMBLED PARTS HAVE THREAD LOCK ON THE SCREWS. IS IMPORTANT TO READ AND FOLLOW THE ASSEMBLY NOTES IN EACH STEP. INCORRECT ASSEMBLY OR NOT USING THREAD LOCK WILL CAUSE A CRASH OR INJURY.**



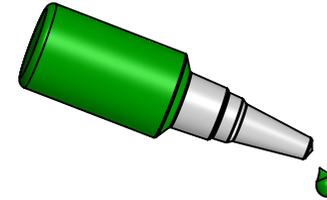
Important note



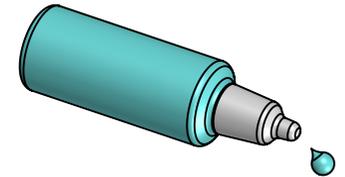
Use CA Glue



Use Loctite 243 Medium Strength

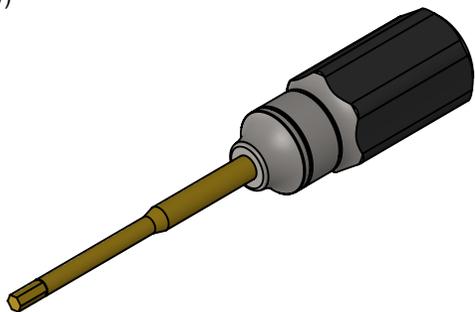


Use Loctite 648 Bonding

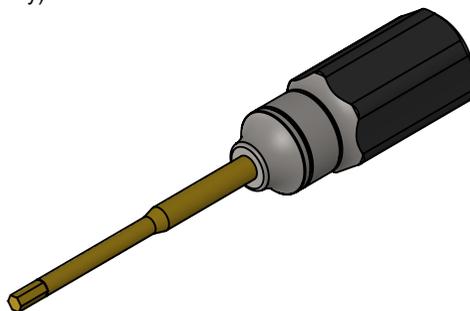


Use Silicone Grease

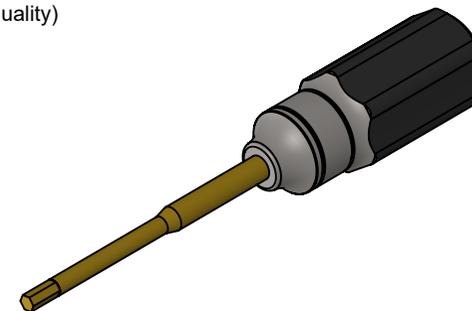
1.5mm Hex Screw Driver
(High quality)



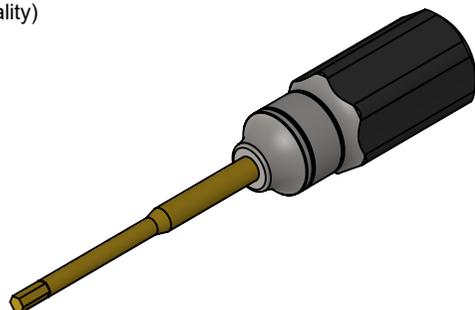
2mm Hex Screw Driver
(High quality)



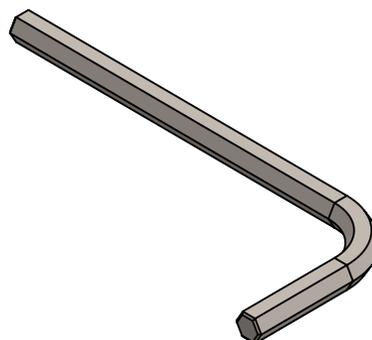
2.5mm Hex Screw Driver
(High quality)



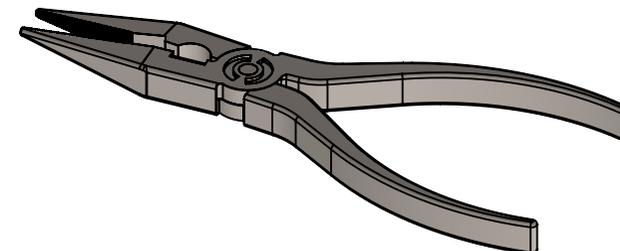
3mm Hex Screw Driver
(High quality)



2 x 4mm Hex Tip Key L
(High quality)



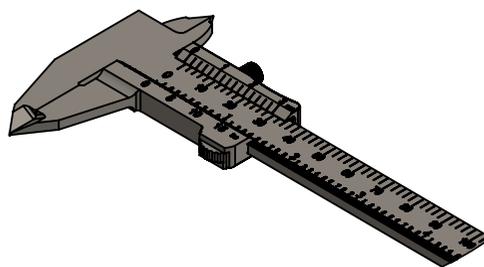
Needle Nose Pliers



Uniball Pliers

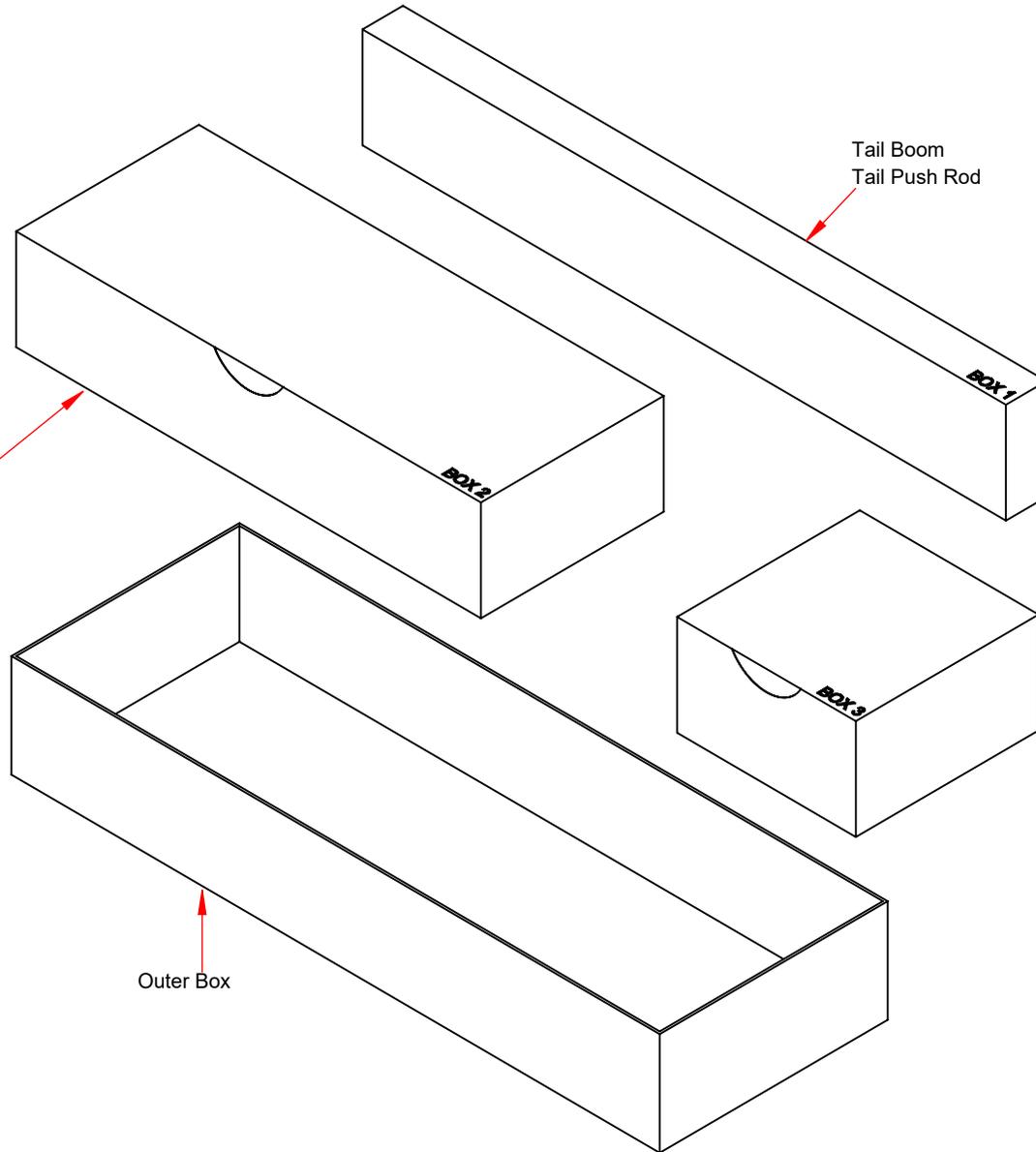


Caliper



Note :
We recommend high quality steel tools during assembly.
Hex Screw driver in particular must have precise Tip
Hexagonal dimension.

- Canopy
- Box2/bag 15 Main Frame
- Box2/bag 17 ESC Plate
- Box2/bag 18 CF Middle Plate
- Box2/bag 19 CF Battery Tray Plate
- Box2/bag 22 CF Front/Rear Length Plate
- Box2/Bag 28 Landing Gear



Tail Boom
Tail Push Rod

Box 1

Box 2

Box 3

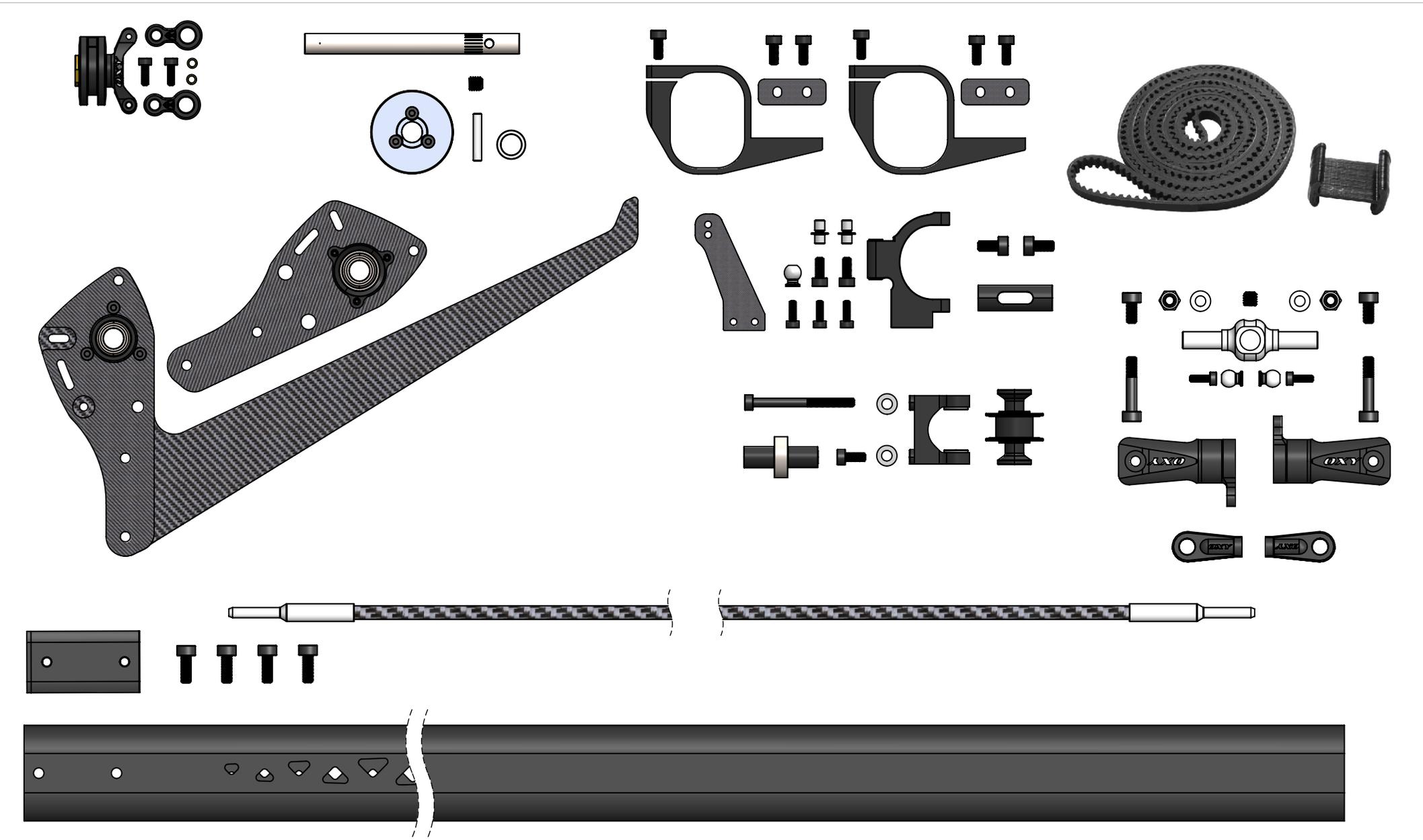
Outer Box

- Pre-Flash-024- Head packing
- Pre-Flash-025-Tail Packing
- Pre-Flash-026-Frame part packing
- Bag23-Main Gear Set
- Accessories

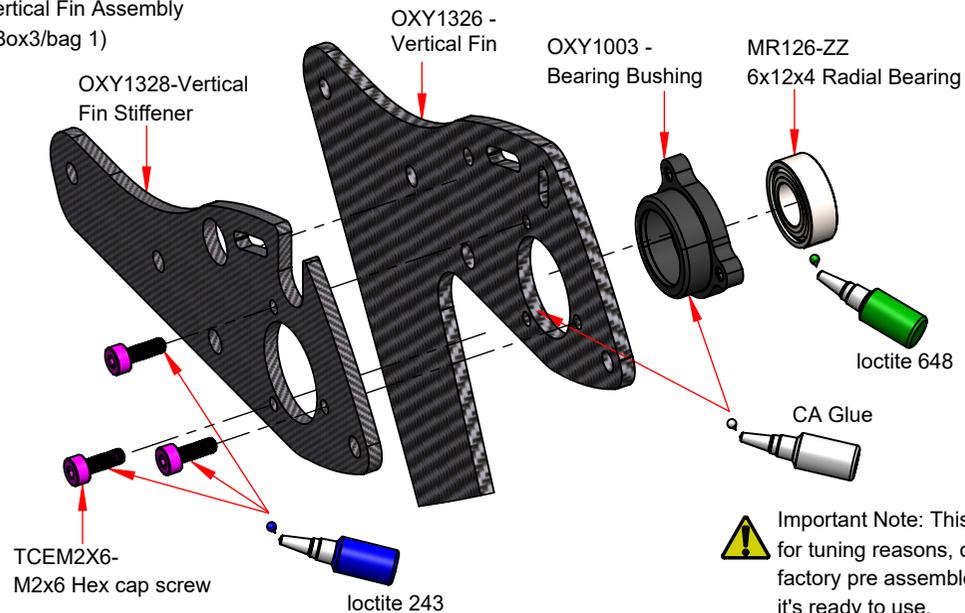
OXY FLASH - FLIGHT STYLE / HEAD / TAIL SETTINGS

Information listed is basic suggestion.

Battery	Motor	ESC	Head Speed	Pitch	Pinion	Tail Pulley	Tail Blade
6S - 5000 / 6S - 6000	kontronik Pyro 650 - 103L	HW 150A V4	1850 / 1950	+ / - 12	11	18	105
	HKIV-4025-1100Kv	Scorpion Tribunus II 06-120A					
	XNOVA 4025-1120Kv	Kolibri 140 LV-I					
	EGODRIFT 4025HT/1190Kv	Y GE 135LVT					
Battery	Motor	ESC	Head Speed	Pitch	Pinion	Tail Pulley	Tail Blade
12S - 2800 / 12S - 5000	HKII-4030-540Kv	HW 130A V4	1850 / 1950	+ / - 13	11	18	105
	HKIV-4025-560Kv	Scorpion Tribunus 12-130A					
	XNOVA 4025-560Kv	Kolibri 140 HV-I	1950 / 2050		12		
	EGODRIFT 4025HS/550Kv	Y GE 135					

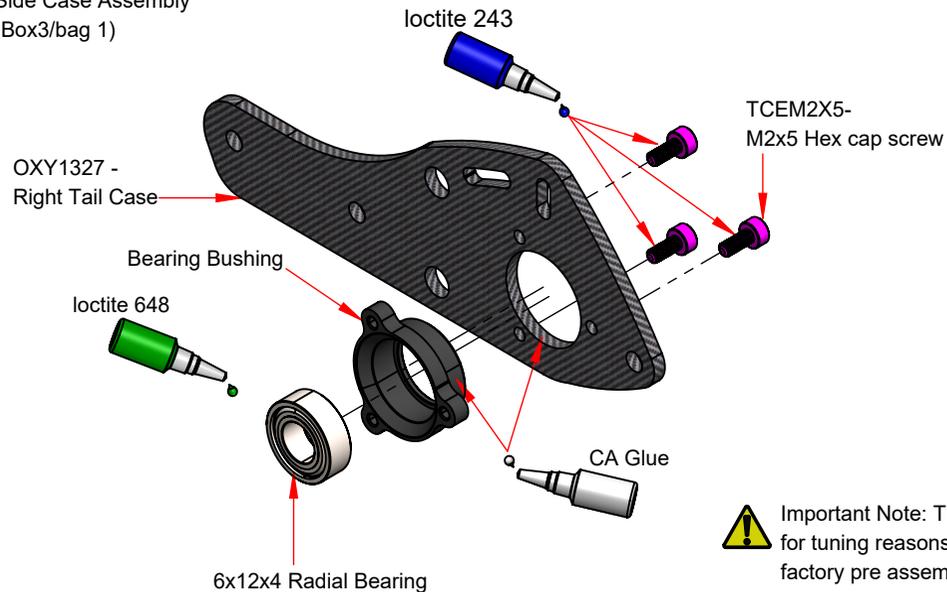


Vertical Fin Assembly
(Box3/bag 1)



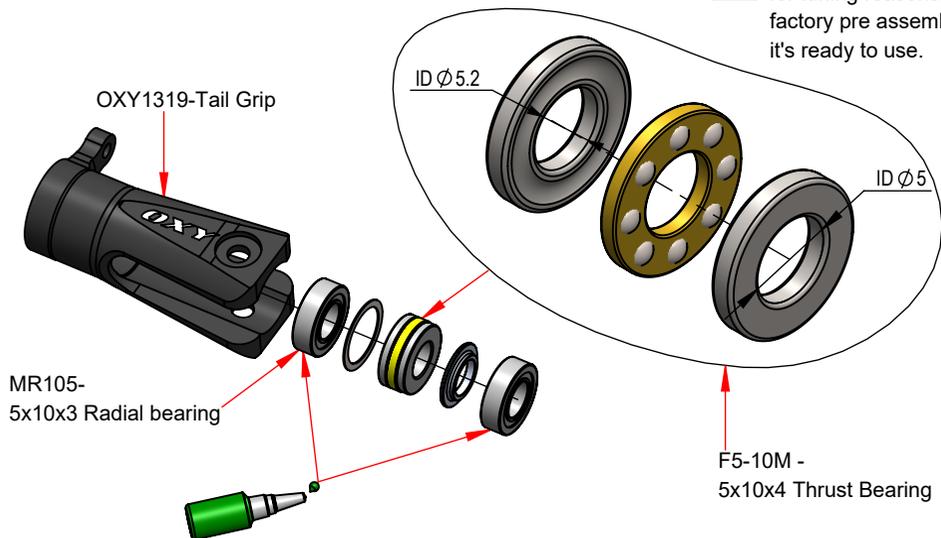
! Important Note: This part, for tuning reasons, comes factory pre assembled, it's ready to use.

Side Case Assembly
(Box3/bag 1)

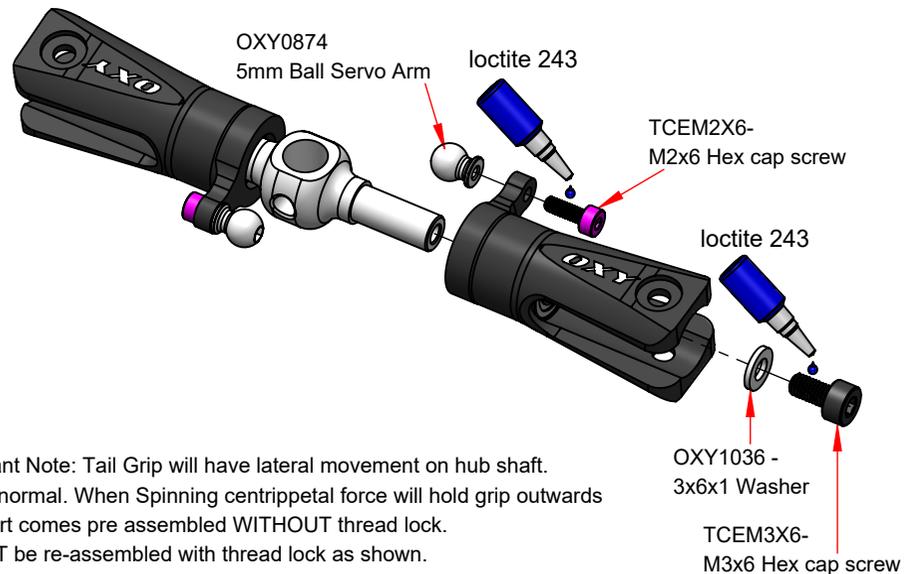


! Important Note: This part, for tuning reasons, comes factory pre assembled, it's ready to use.

Tail Rotor Assembly (Box3/bag 2)

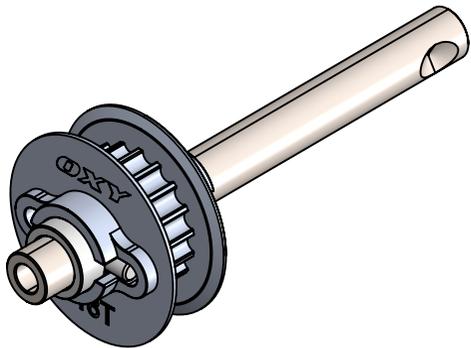
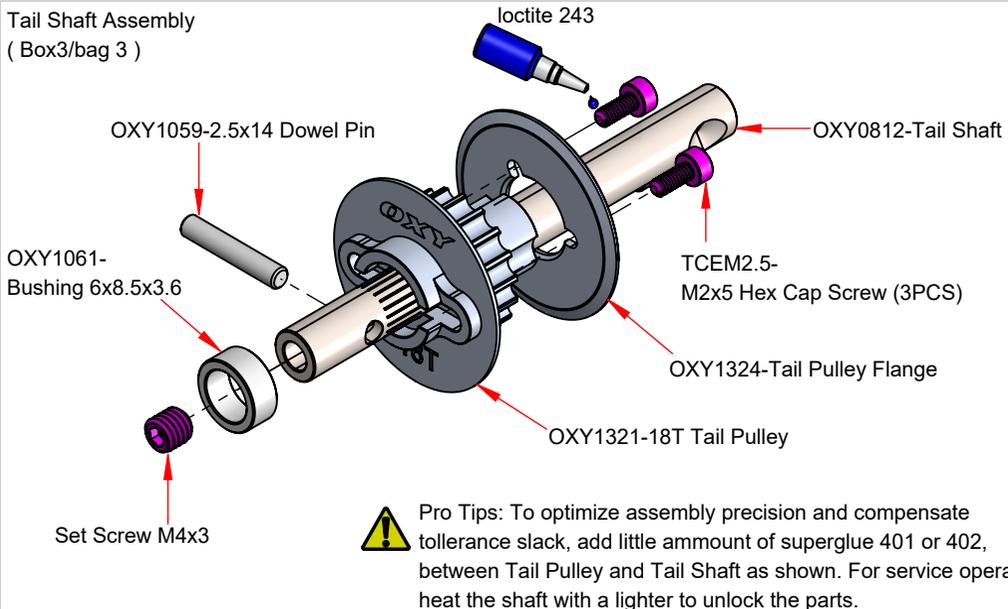


! Important Note: This part, for tuning reasons, comes factory pre assembled, it's ready to use.

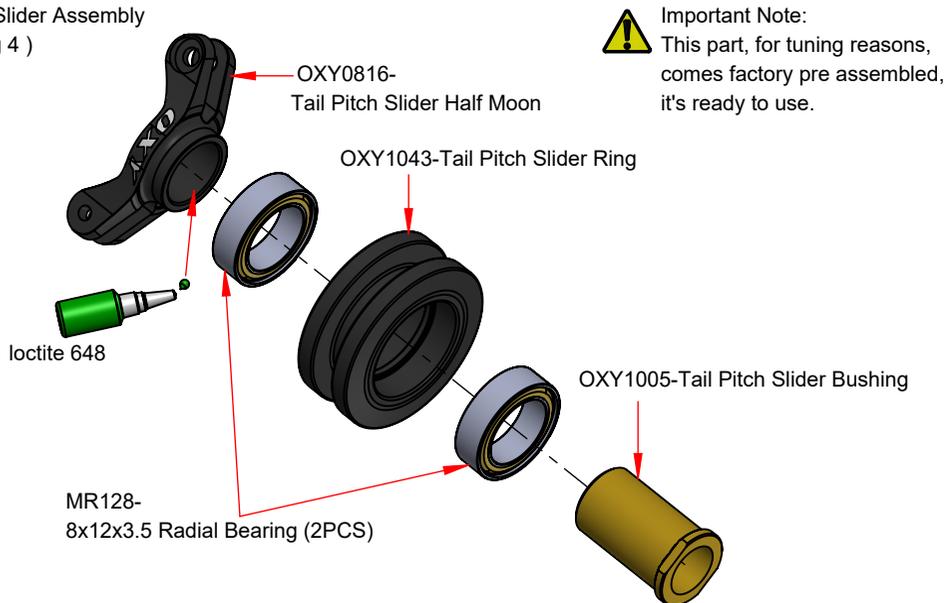


! Important Note: Tail Grip will have lateral movement on hub shaft. This is normal. When Spinning centripetal force will hold grip outwards. This part comes pre assembled WITHOUT thread lock. It MUST be re-assembled with thread lock as shown.

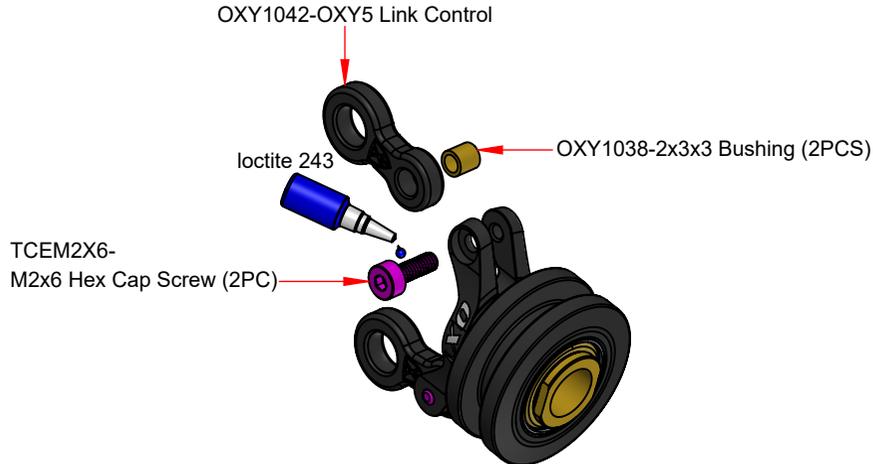
Tail Shaft Assembly
(Box3/bag 3)



Tail Pitch Slider Assembly
(Box3/bag 4)



OXY1042-OXY5 Link Control



⚠ Important note: This part comes pre assembled WITHOUT thread lock. It MUST be re-assembled with thread lock as shown.

Tail Belt Crank Support Assembly
(Box3/bag 5)

SMR604_ZZ-
4x12x4 Radial Bearing

OXY1208-
Tail Belt Tensioner Spacer

OXY1207-Tail Belt Tensioner Bushing

MF84_ZZ-
4x8x3 Flange Bearing (2PCS)

OXY0823-
Tail Belt Tensioner Bushing

OXY1320 - Belt Pulley

loctite 648

Important Note:
⚠ This part, for tuning reasons,
comes factory pre assembled,
it's ready to use.

Tail Belt Crank Support Assembly
(Box3/bag 5)

OXY0818-
Tail Bell Crank Support

loctite 648

SMF682-2.5x6x2.6 Flange Bearing

Important Note:
⚠ This part, for tuning reasons,
comes factory pre assembled,
it's ready to use

Tail Belt Crank Support Assembly
(Box3/bag 5)

OXY0817- Tail Bell Crank

loctite 243

OXY1058 - Tail Bell Crank Pin

Important Note:
⚠ This part comes pre assembled
WITHOUT thread lock. It MUST be
re-assembled with thread lock as shown

Tail Belt Crank Support Assembly
(Box3/bag 5)

Important Note:
⚠ This part comes pre assembled
WITHOUT thread lock. It MUST be
re-assembled with thread lock as shown

TCEM2X6-
M2x6 Hex Cap Screw (3PCS)

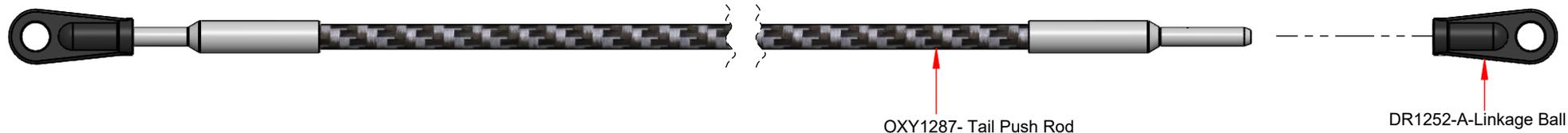
loctite 243

OXY0977- Bell Crank Arm

OXY0874-5mm Ball Servo Arm

loctite 243

Tail Push Rod Assembly

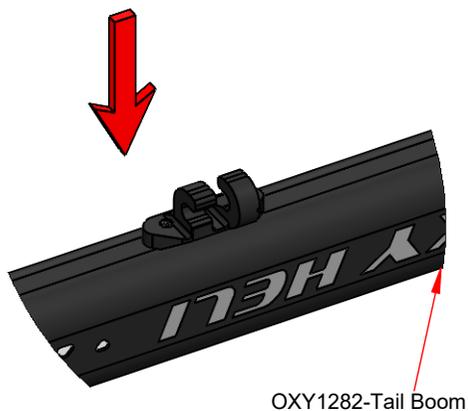


Step 1:

-  Note: to install this pin screw rotate counter clockwise
-  Note Pin Screw Thread: Pin Screw Oxy designed the Pin Screw with a counter clockwise thread. This will help on the final locking operation. Be careful to follow our instructions to get a perfect assembly

Step 3:

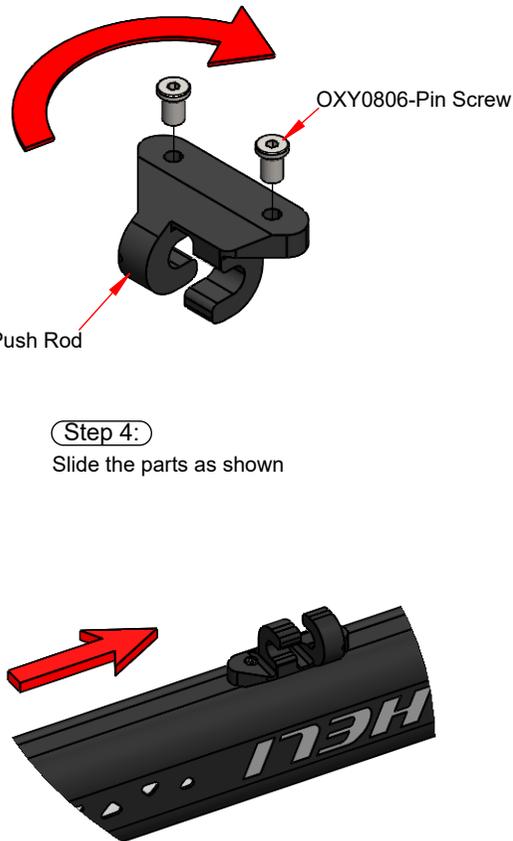
Push the part inside the boom sockets as shown



OXY0805-Guide Push Rod

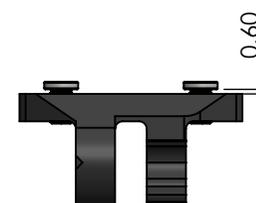
Step 4:

Slide the parts as shown



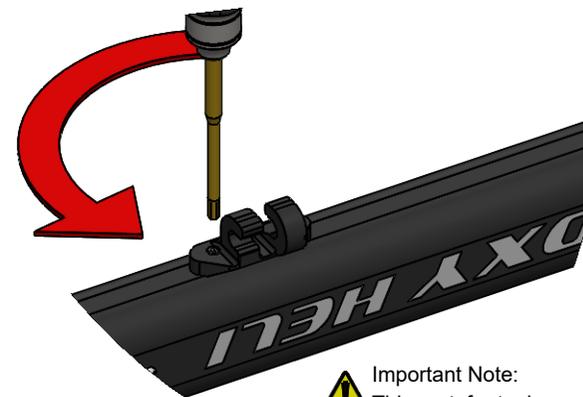
Step 2:

Note: Install the Pin Screw and leave a gap as shown

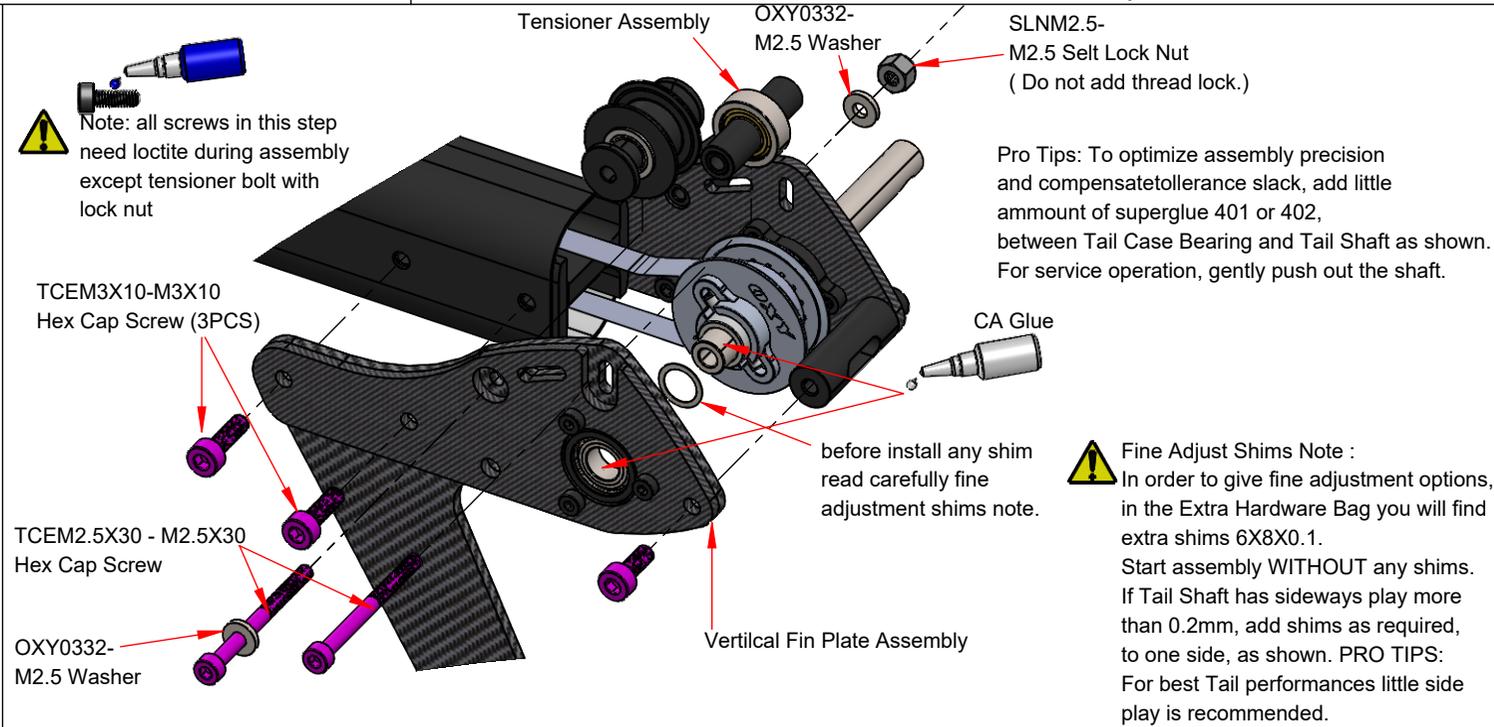
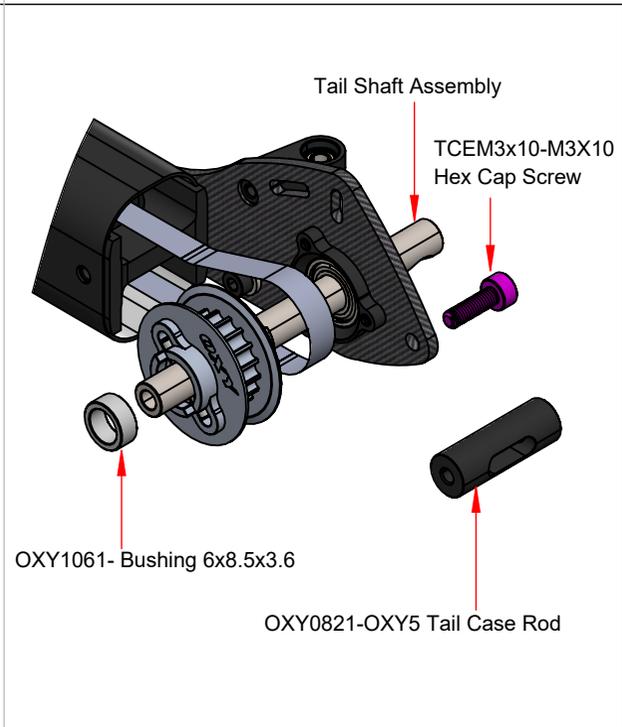
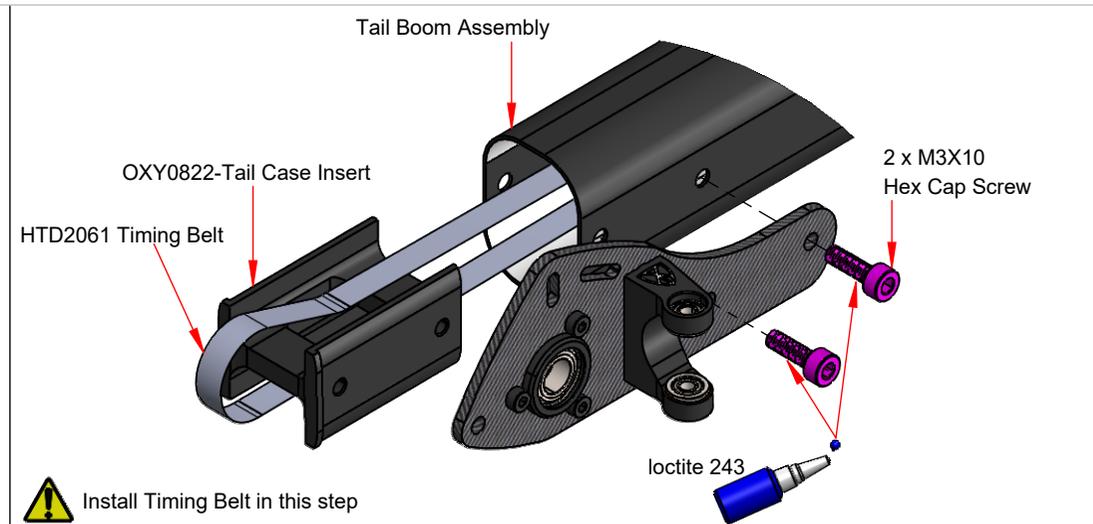
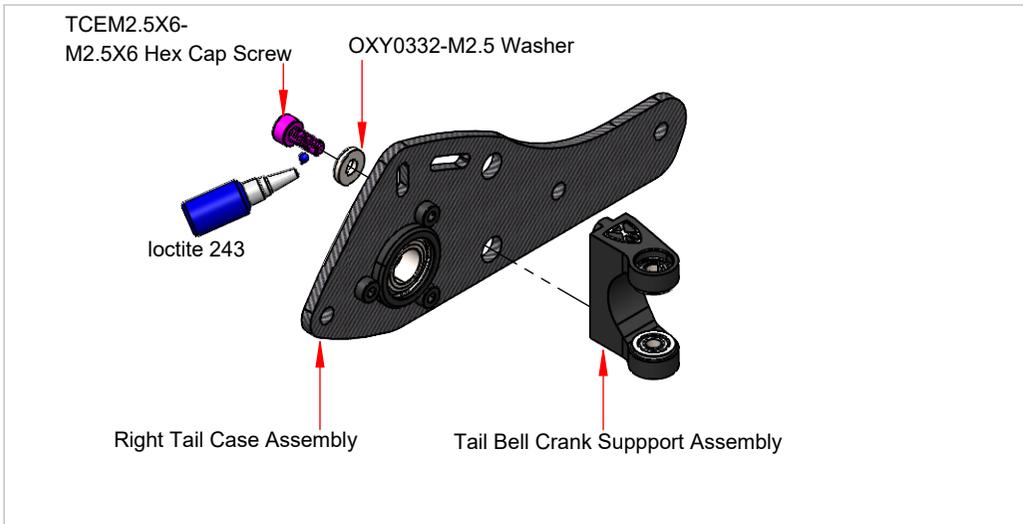


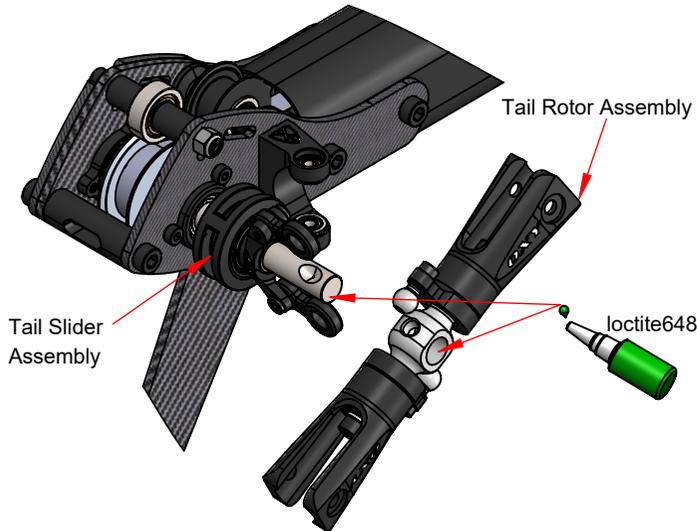
Step 5:

In order to lock the tail push rod support, use a 1.5 hex Screw Driver and counter clockwise. Do not over tighten.

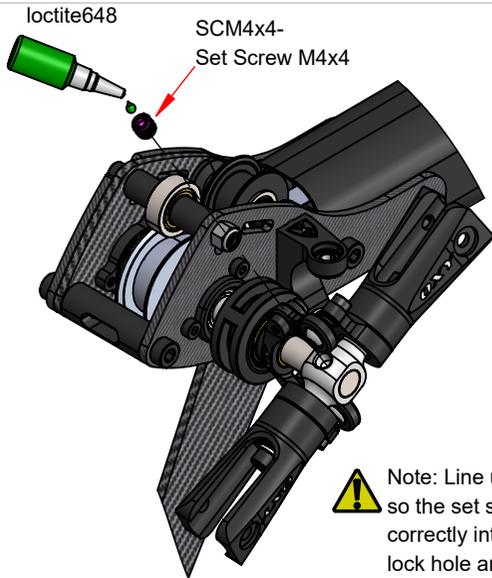


 Important Note: This part, for tuning reasons, comes factory pre assembly, it's ready to use.

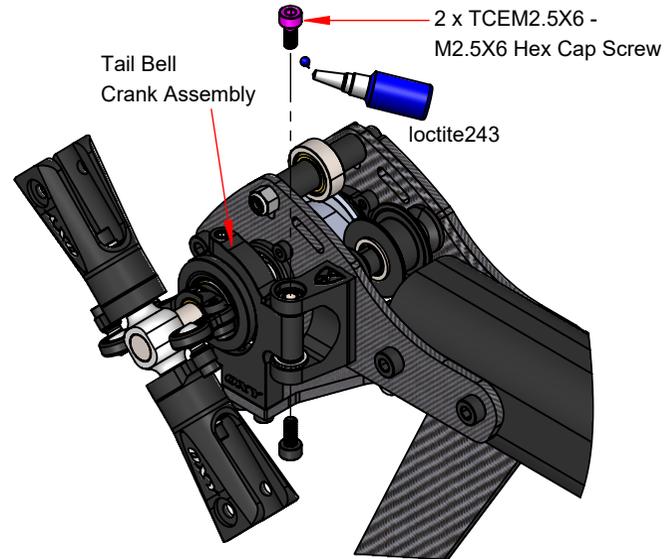




⚠ Pro Tips: add little ammount of loctite 648 between Tail Hub and Tail Shaft , will increase the assembly precision and strength. For service operation, heat the hub with a lighter to release the thread lock.

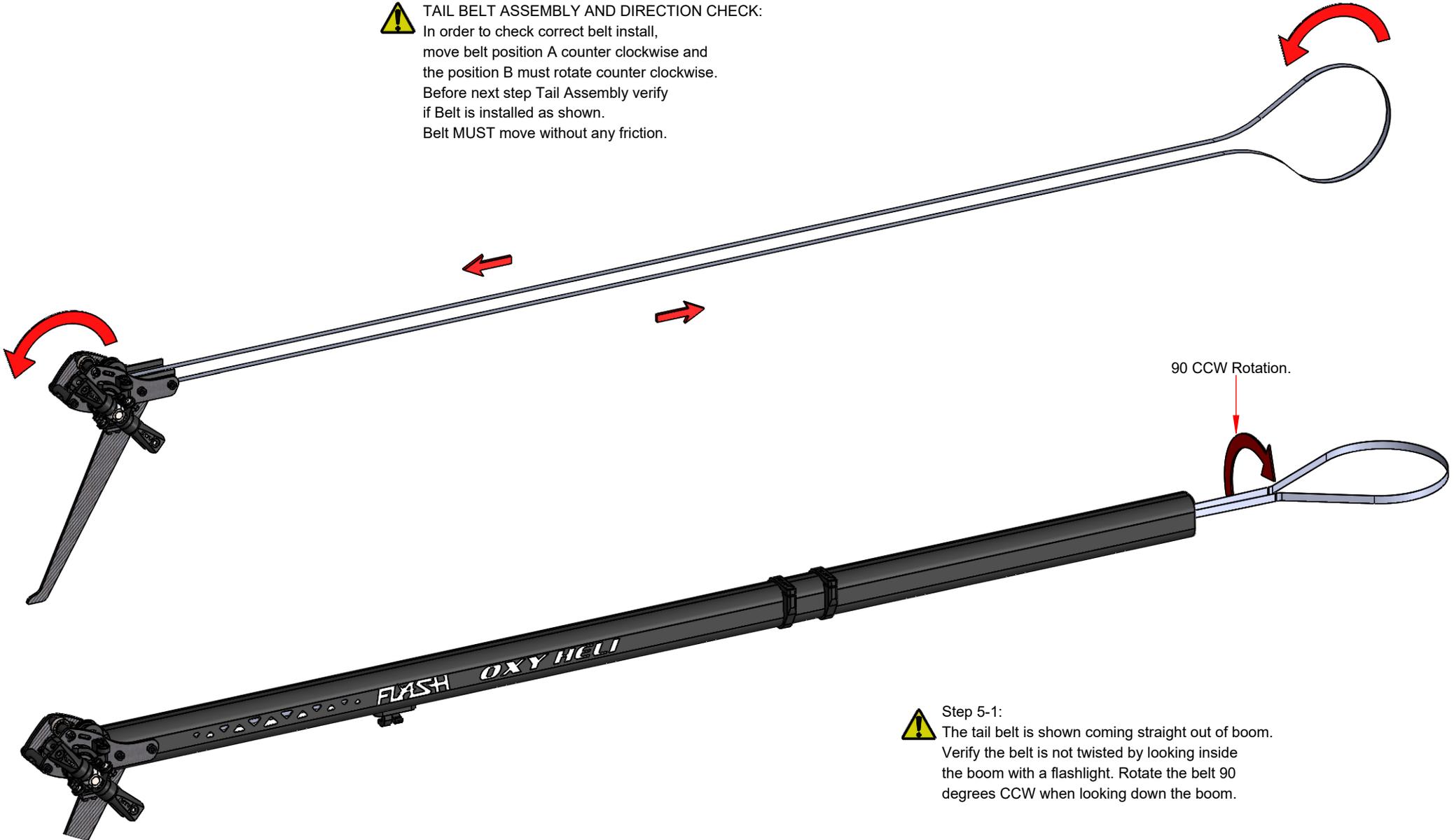


⚠ Note: Line up the holes, so the set screw seats correctly into tail shaft lock hole and lock tighten. For service operation, heat the hub with a lighter to release the thread lock.



Tail Servo Support
(Box 3 / Bag 7)
Note: don't install any screw

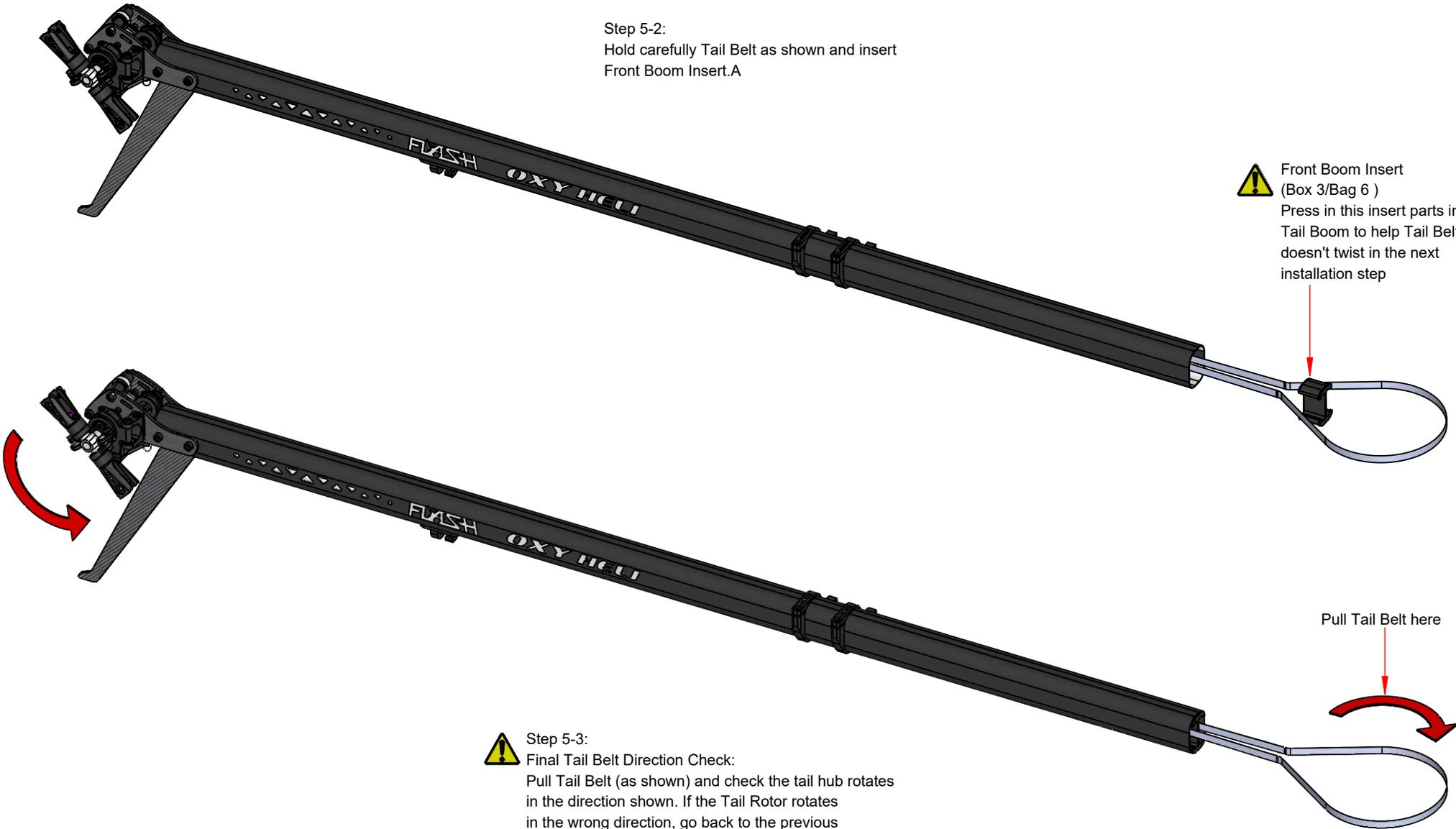
 **TAIL BELT ASSEMBLY AND DIRECTION CHECK:**
In order to check correct belt install,
move belt position A counter clockwise and
the position B must rotate counter clockwise.
Before next step Tail Assembly verify
if Belt is installed as shown.
Belt MUST move without any friction.



 **Step 5-1:**
The tail belt is shown coming straight out of boom.
Verify the belt is not twisted by looking inside
the boom with a flashlight. Rotate the belt 90
degrees CCW when looking down the boom.

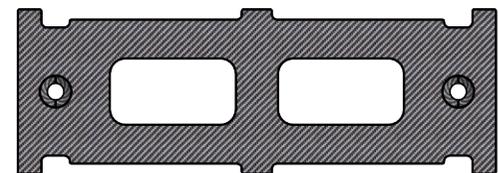
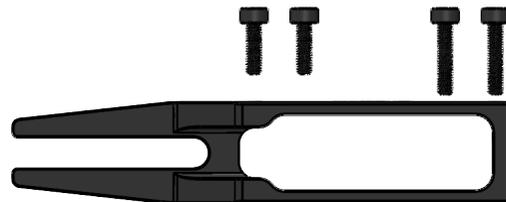
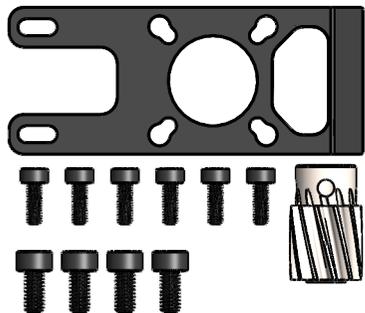
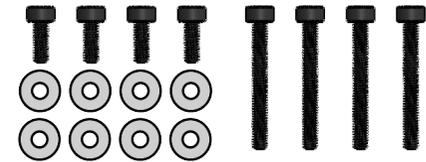
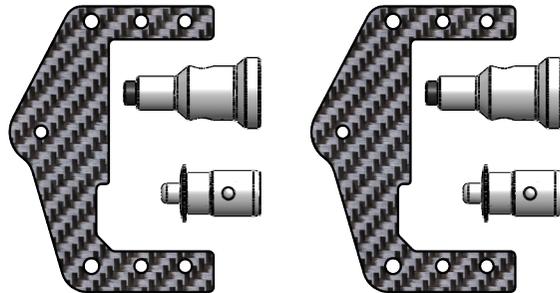
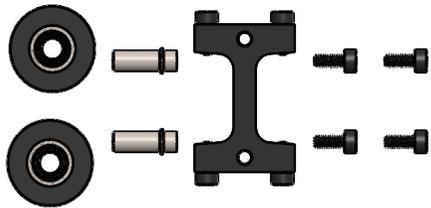
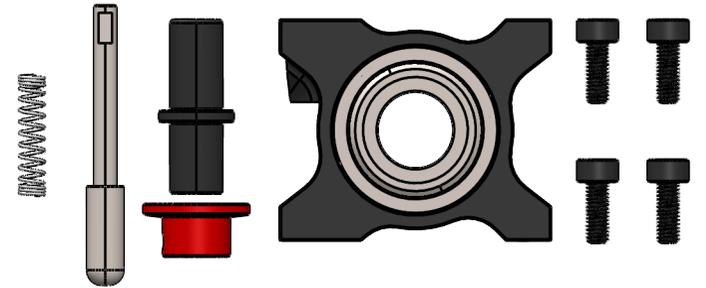
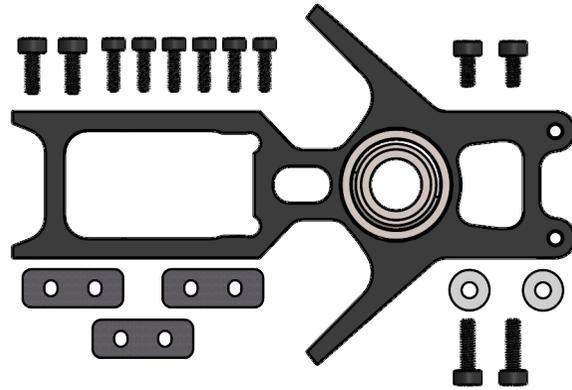
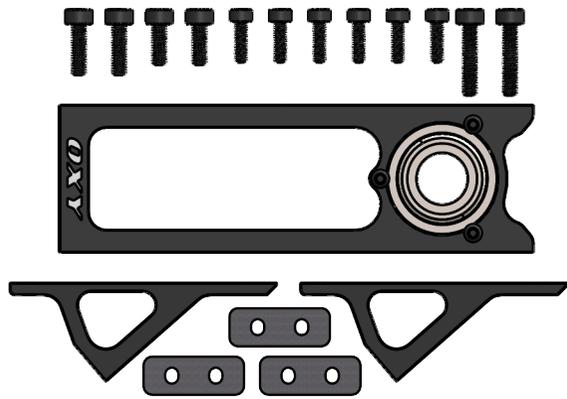
Step 5-2:
Hold carefully Tail Belt as shown and insert
Front Boom Insert.A

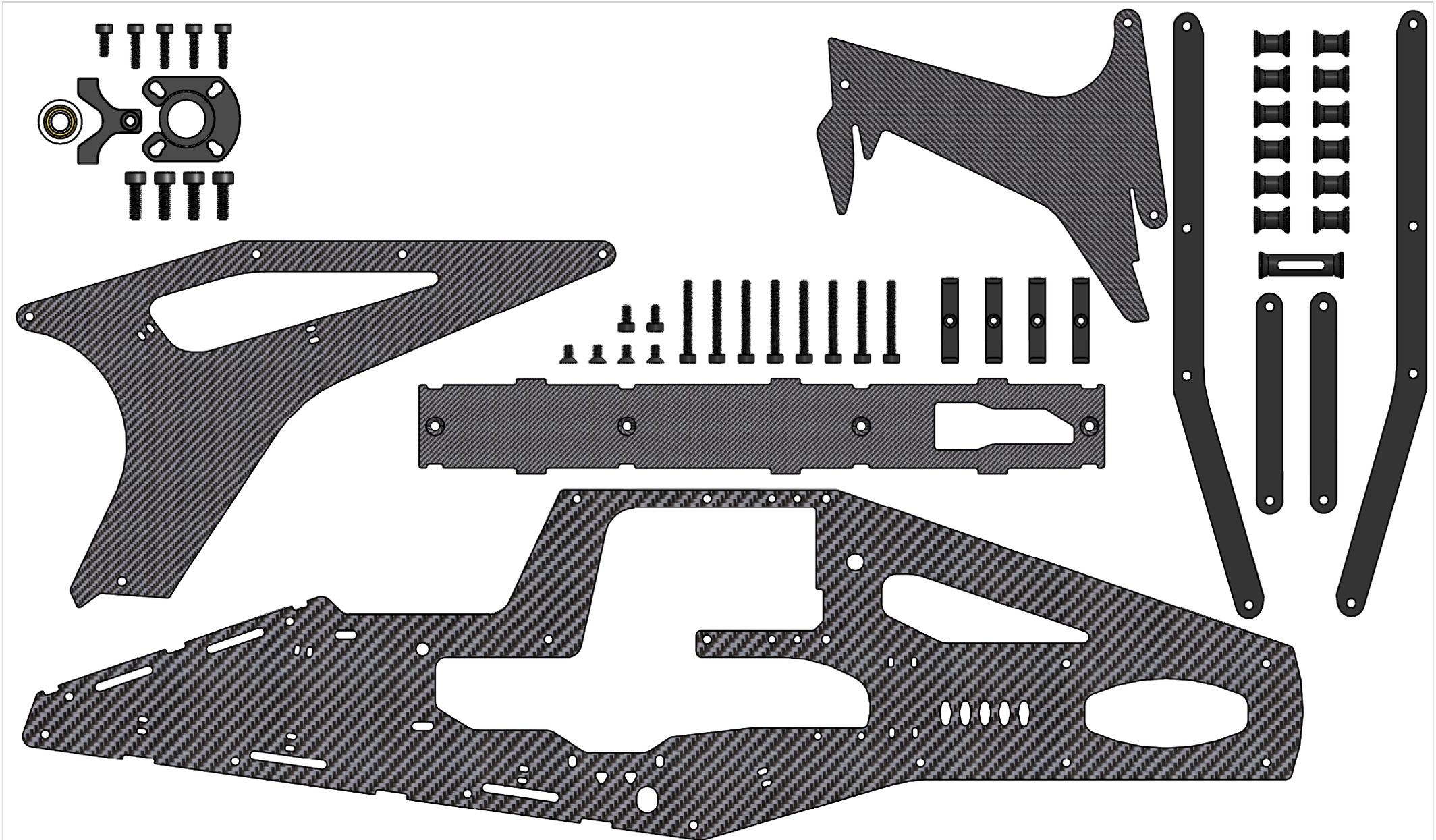
 Front Boom Insert
(Box 3/Bag 6)
Press in this insert parts into
Tail Boom to help Tail Belt
doesn't twist in the next
installation step



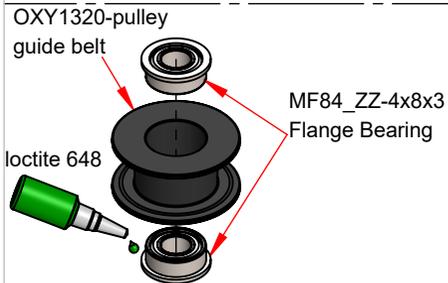
 Step 5-3:
Final Tail Belt Direction Check:
Pull Tail Belt (as shown) and check the tail hub rotates
in the direction shown. If the Tail Rotor rotates
in the wrong direction, go back to the previous
instructions and double check your assembly.

Pull Tail Belt here

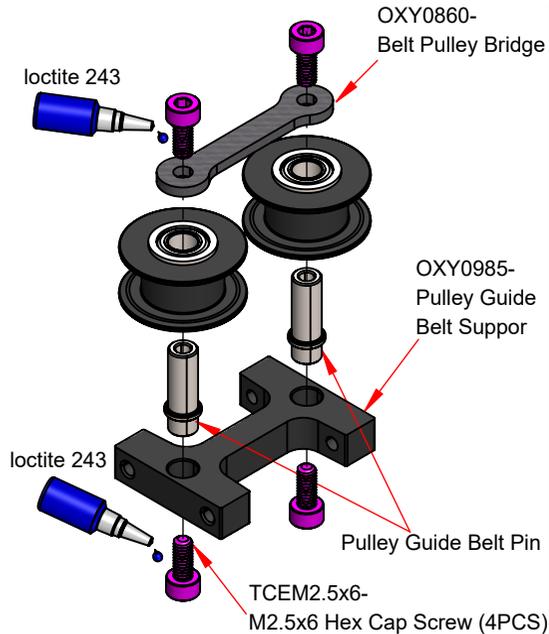




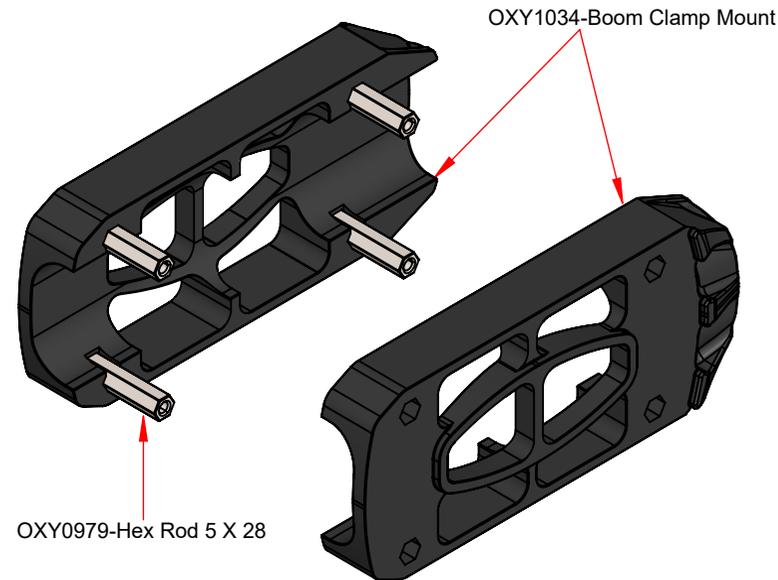
Front Pulley Guide Belt
(Box3/bag 8)



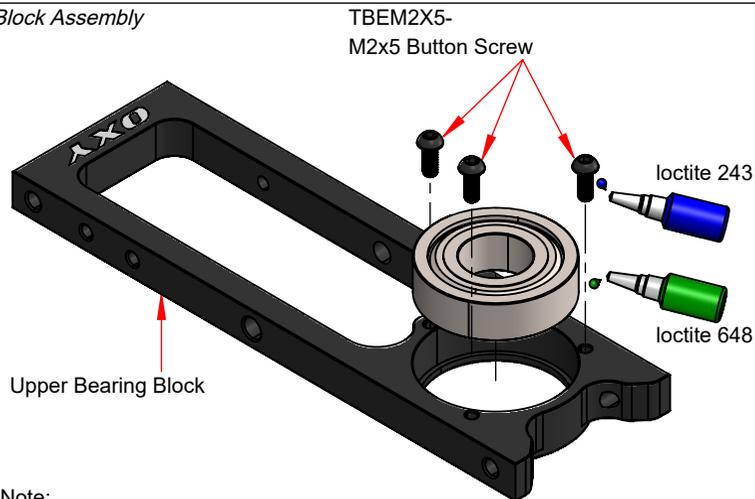
Important Note:
This part, for tuning reasons, comes factory assembled, it's ready to use.



Boom Clamp Mount
(Box3/bag 9)

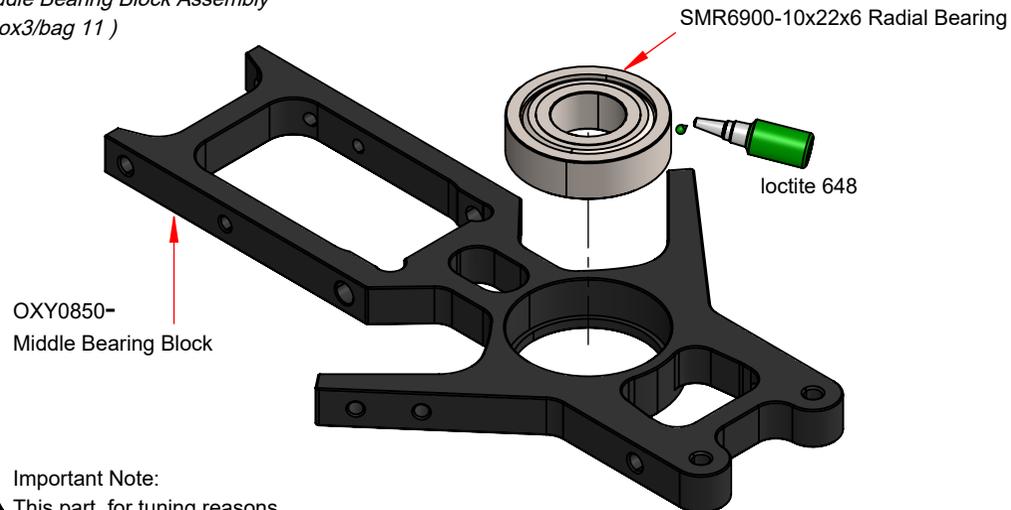


Upper Bearing Block Assembly
(Box3/bag 10)



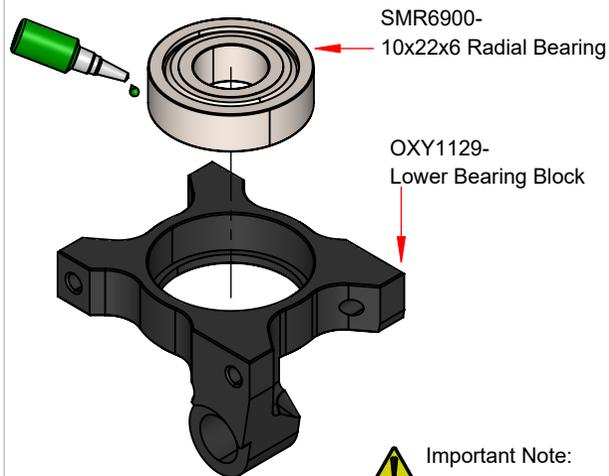
Important Note:
This part, for tuning reasons, comes factory assembled, it's ready to use.

Middle Bearing Block Assembly
(Box3/bag 11)



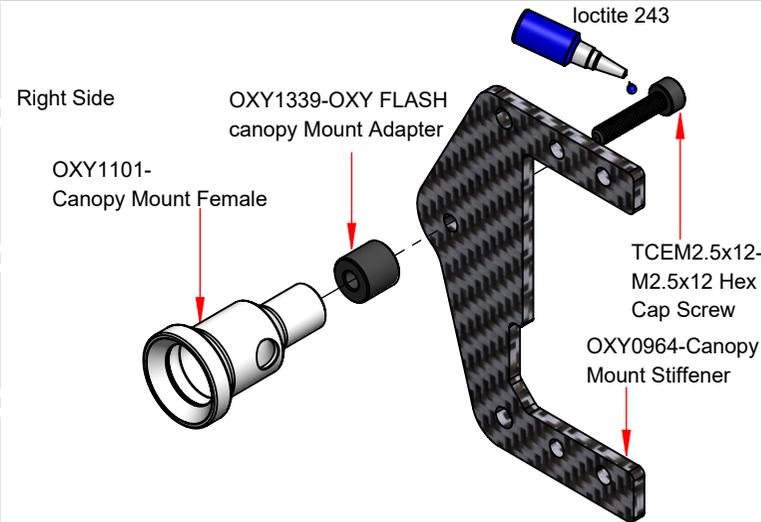
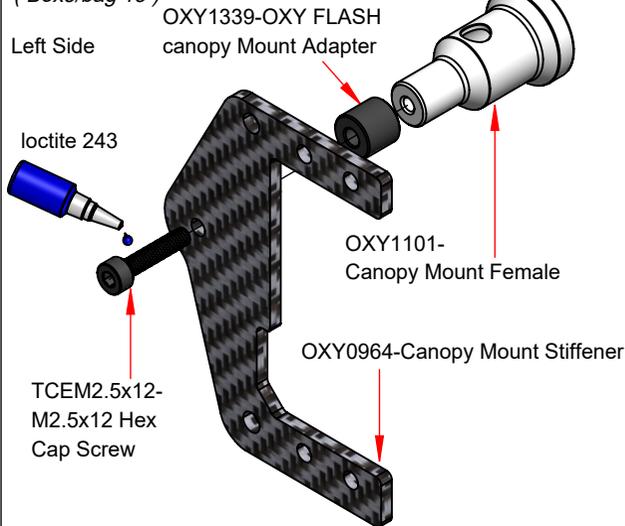
Important Note:
This part, for tuning reasons, comes factory assembled, it's ready to use.

*Lower Bearing Block Assembly
(Box3/bag 12)*

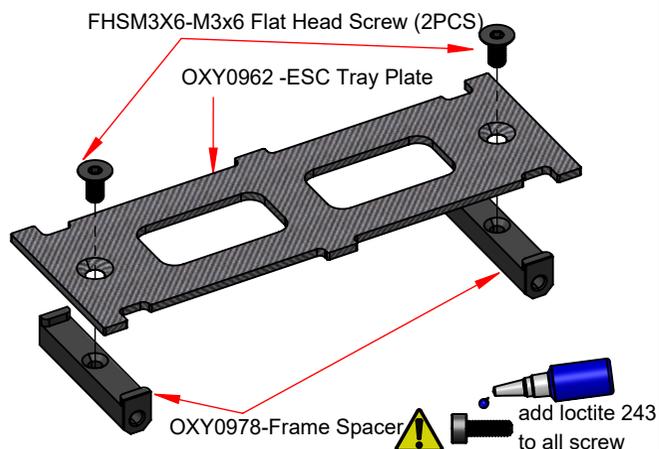


⚠ Important Note:
This part, for tuning reasons, comes factory assembled, it's ready to use.

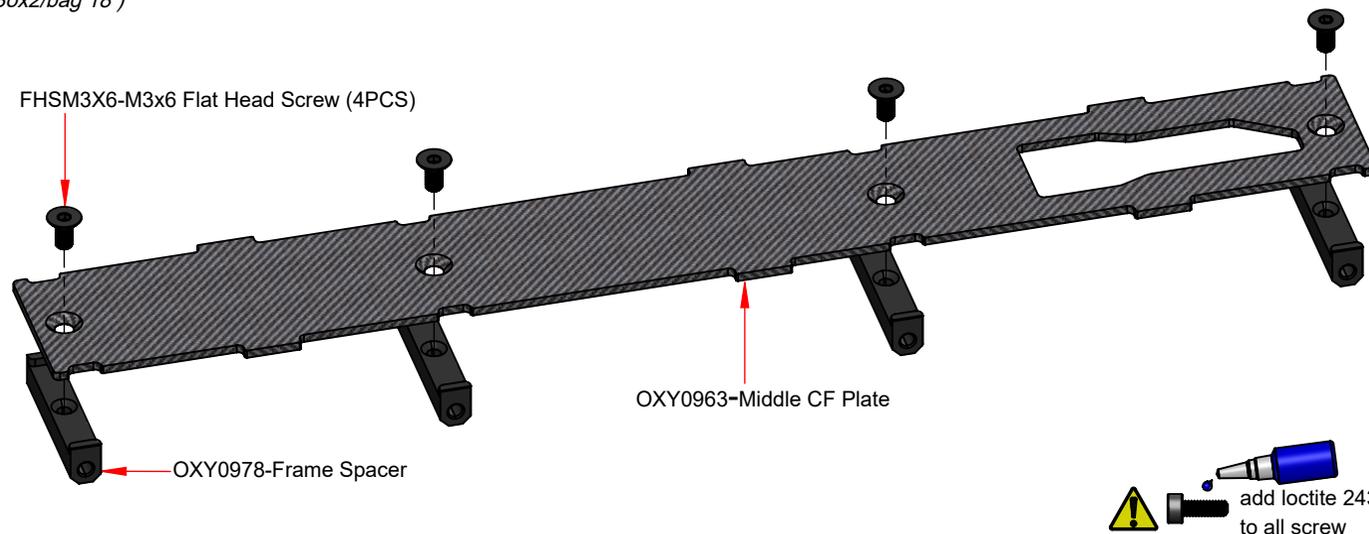
*Canopy Mount Assembly
(Box3/bag 13)*

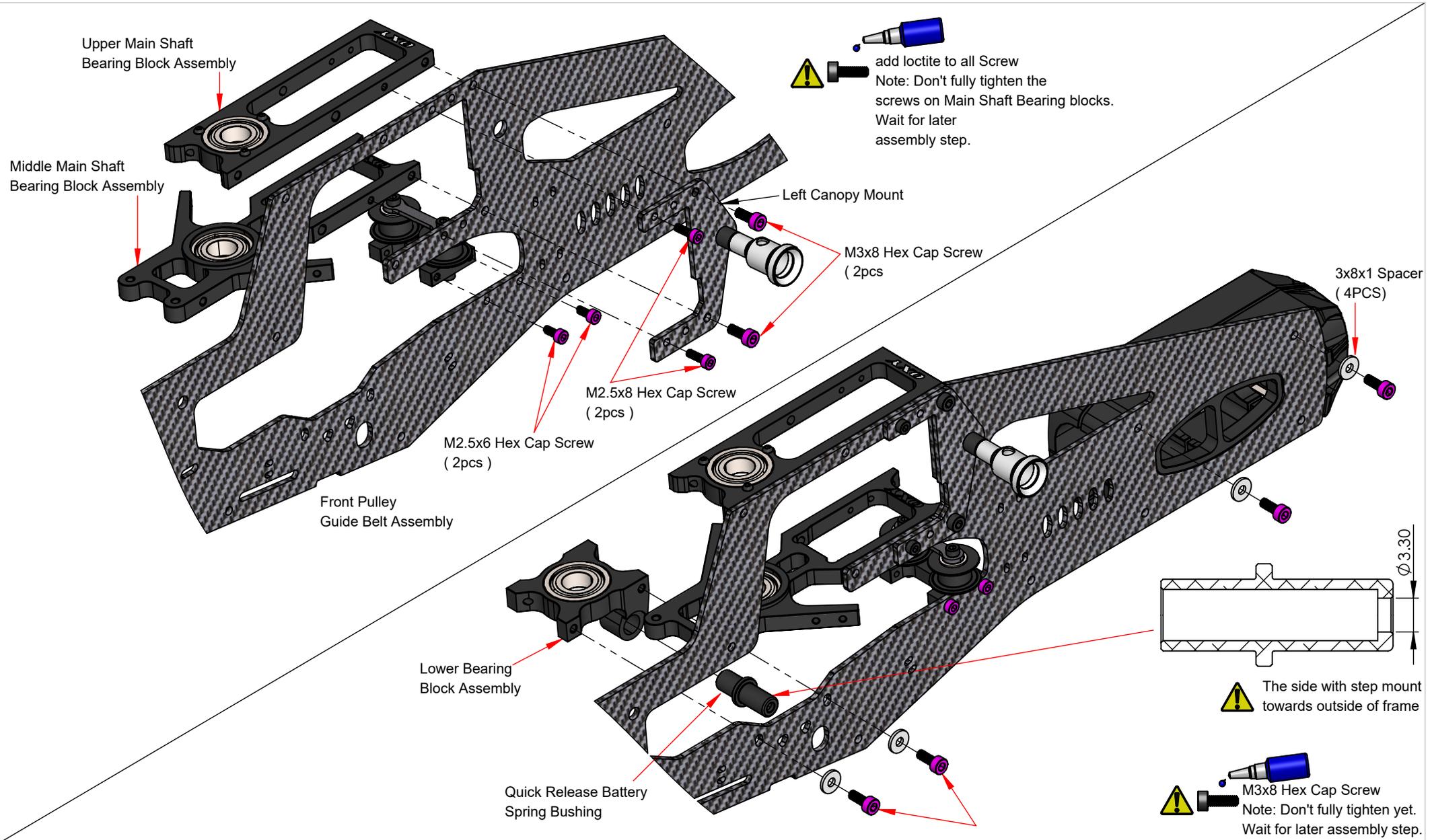


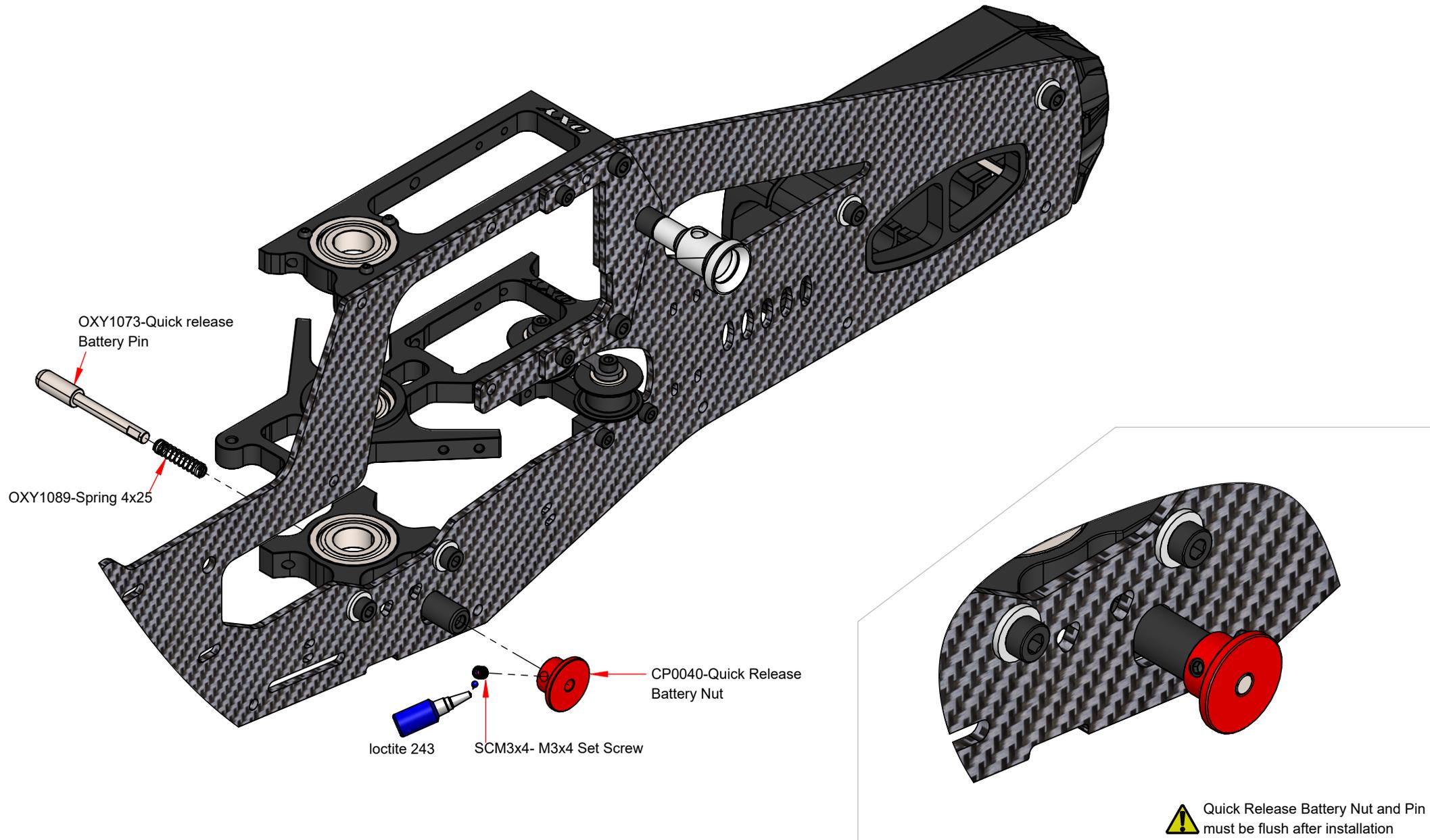
*ESC Plate Assembly
(Box2/bag 17)*

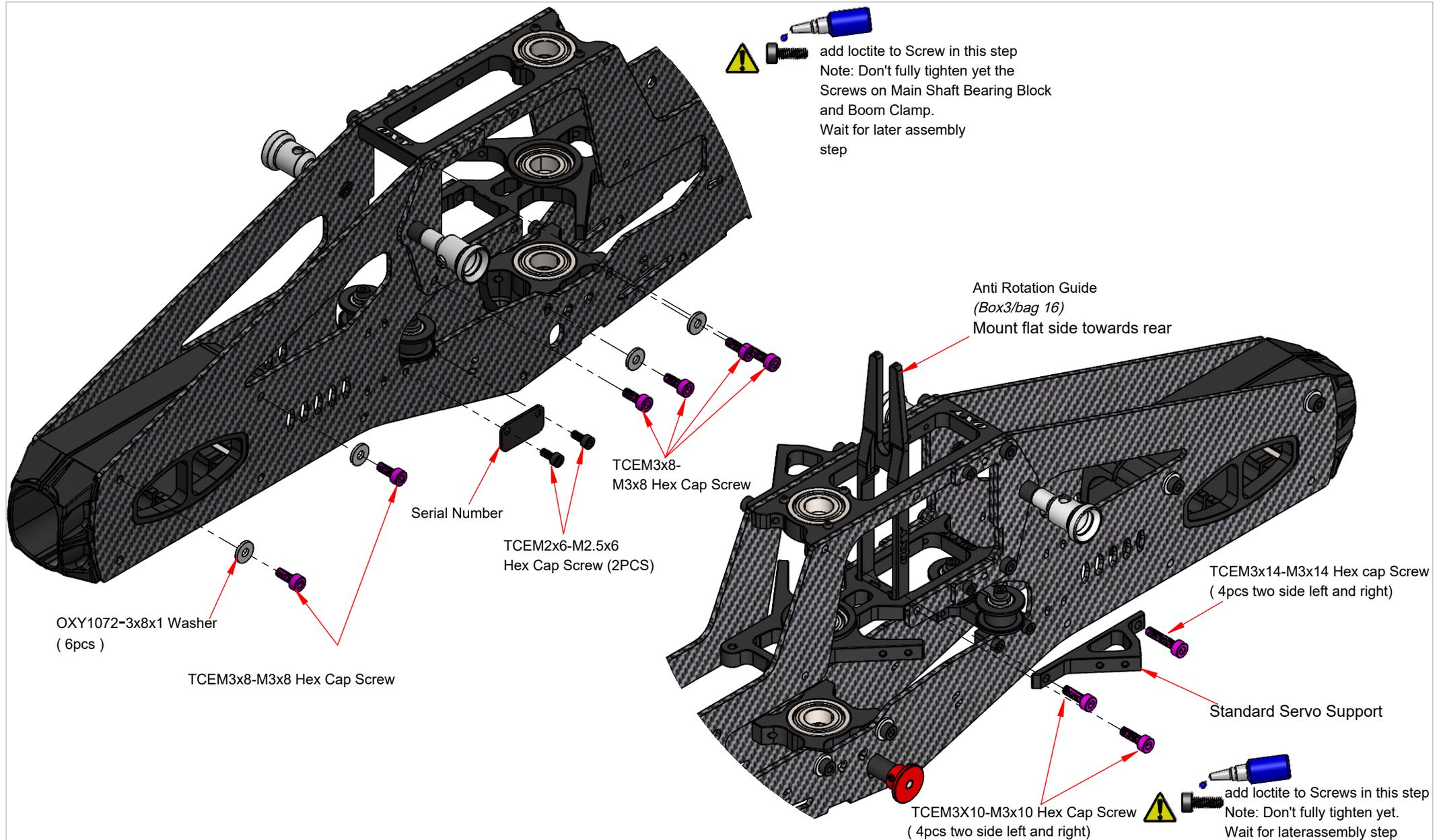


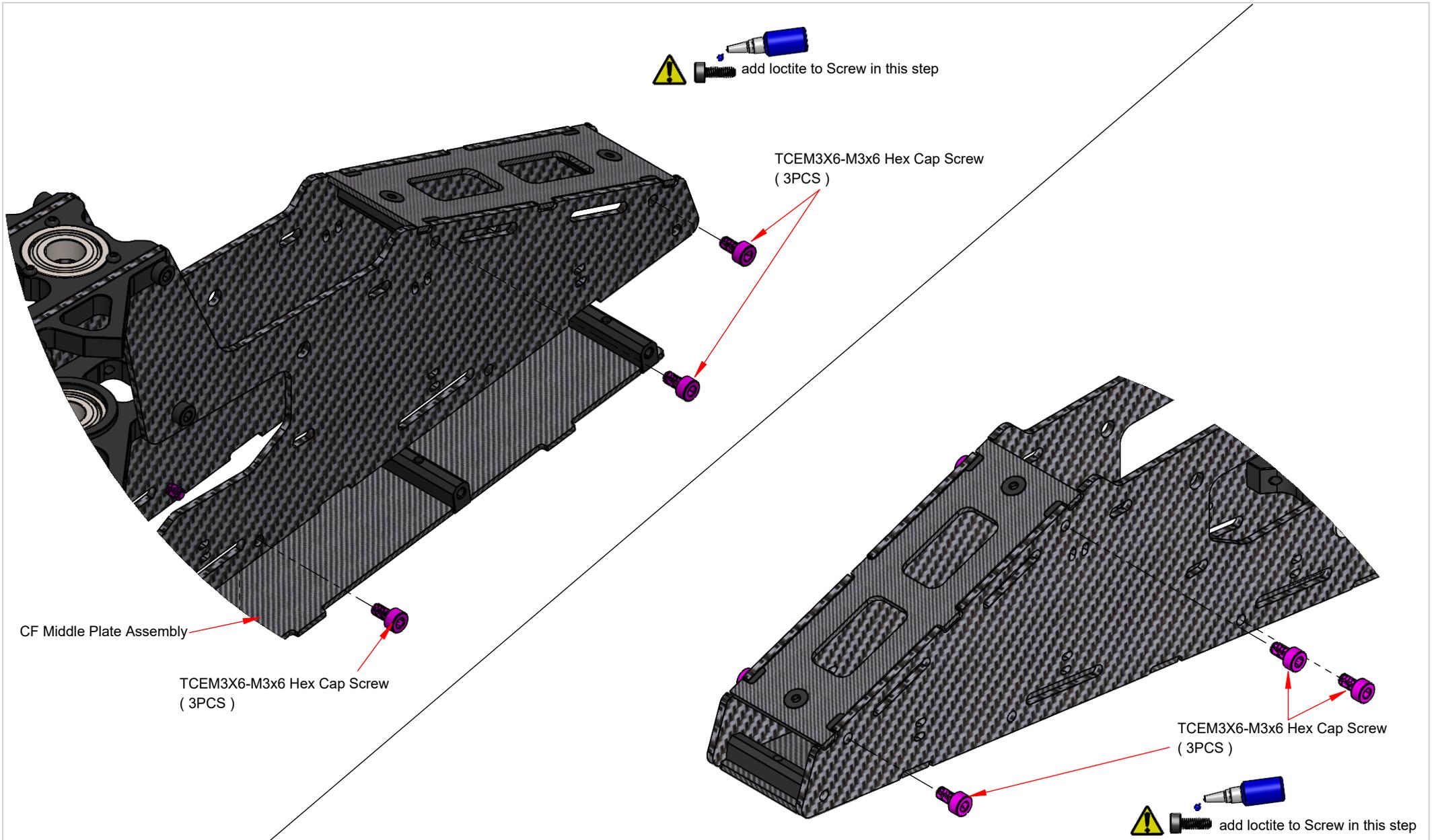
*CF Middle Plate Assembly
(Box2/bag 18)*

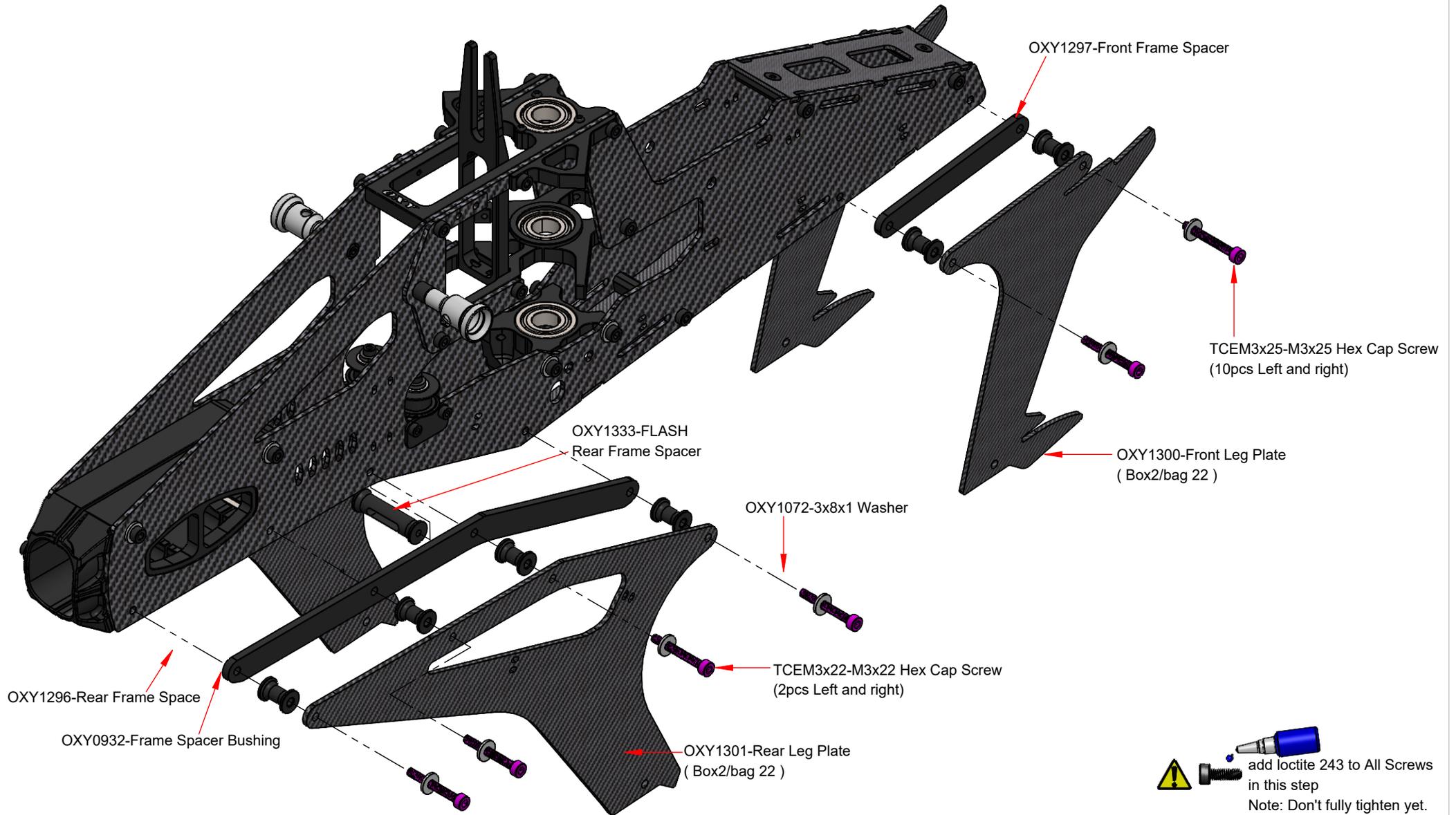


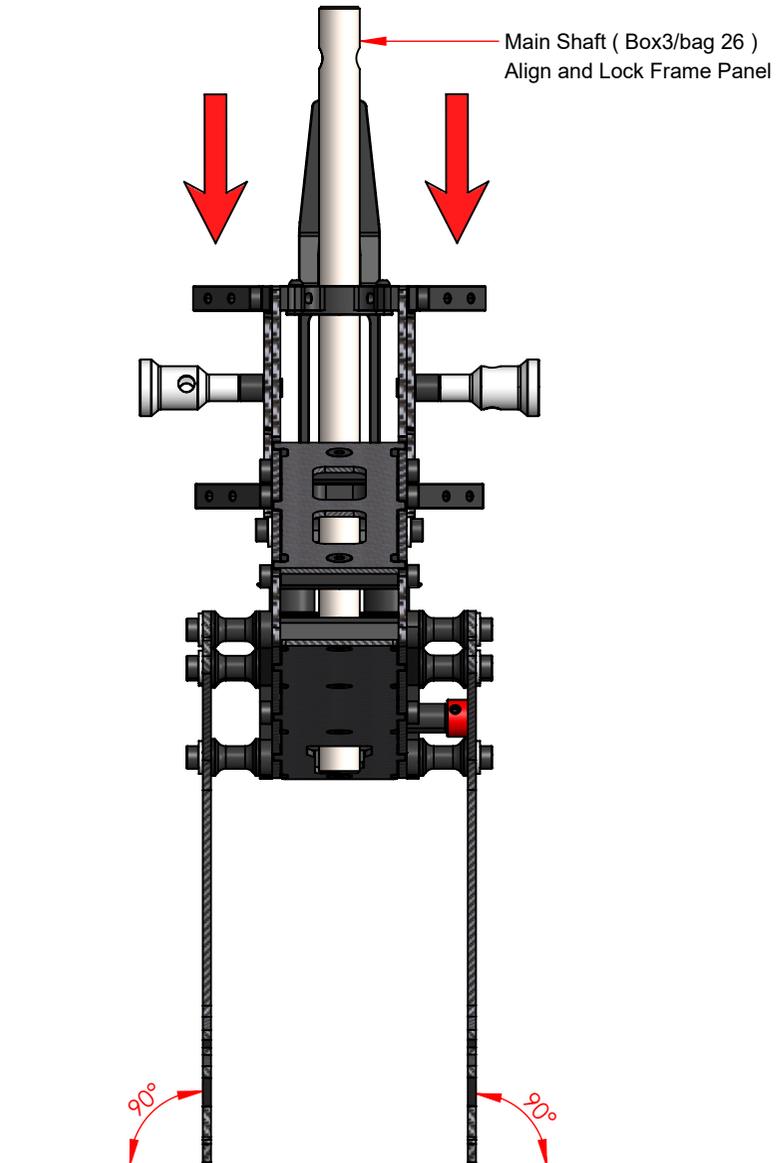






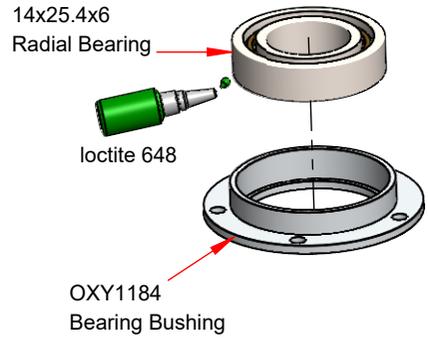
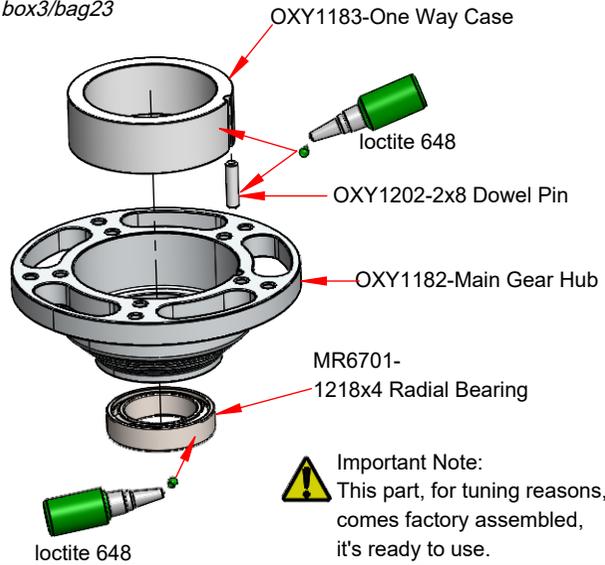




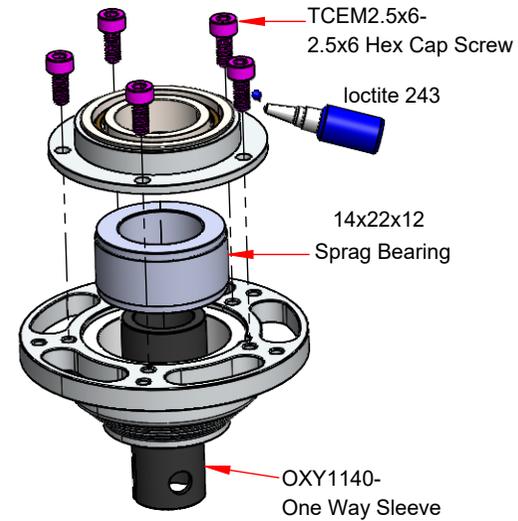


 Install main shaft with frame assembly on a flat surface, push down on both frames together and then fully tighten all Hex Cap Screws (x14) holding the Upper and Middle bearing blocks.

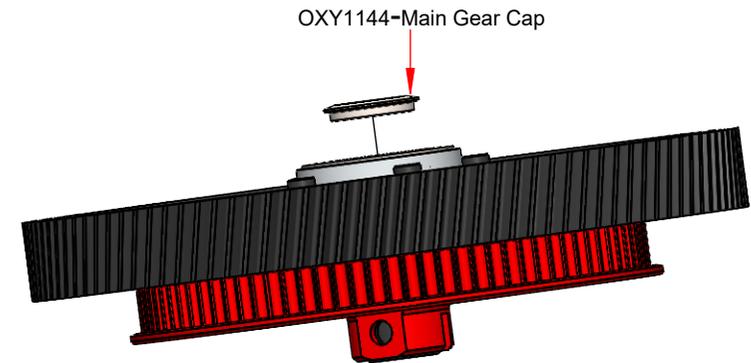
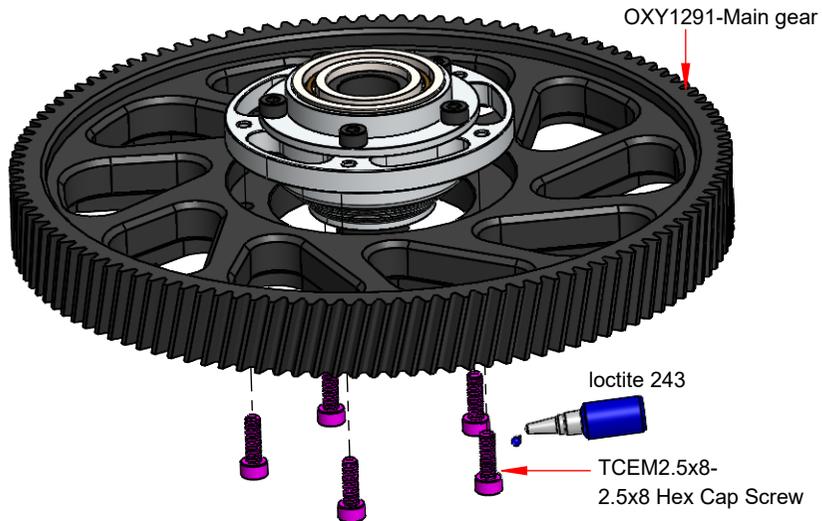
Main Gear Assembly
box3/bag23

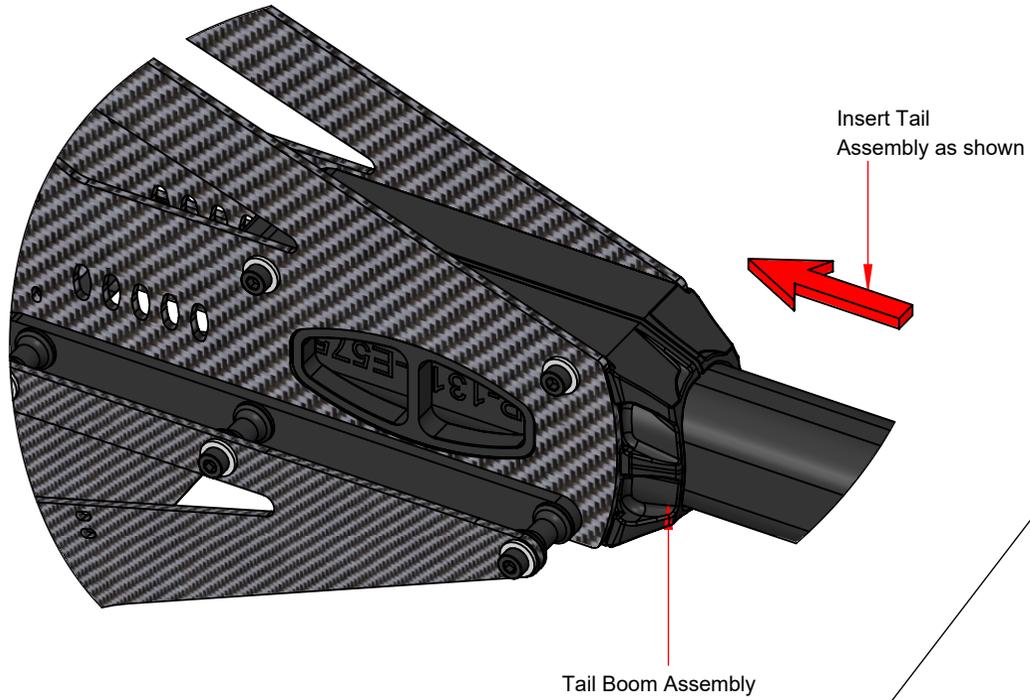


Important Note: This part, for tuning reasons, comes factory assembled, it's ready to use.

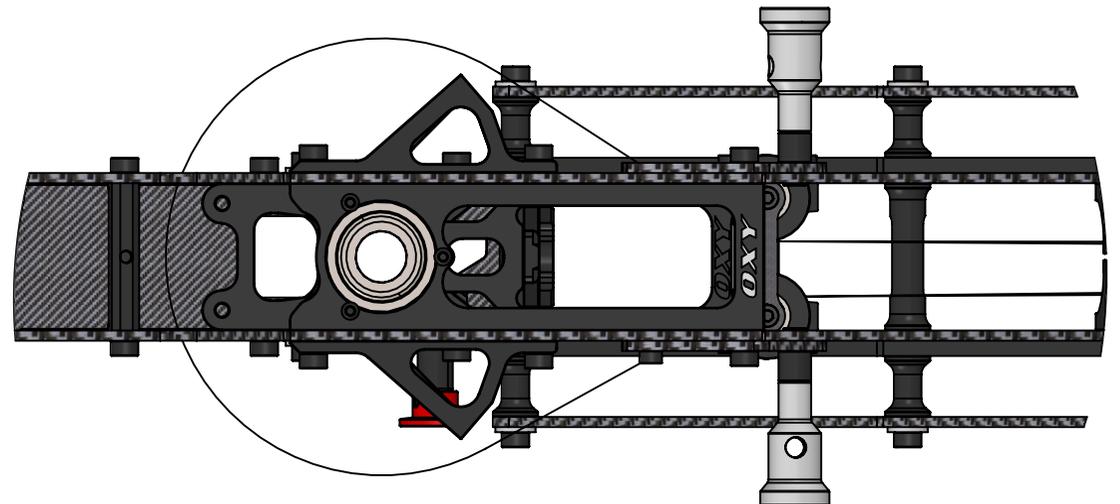


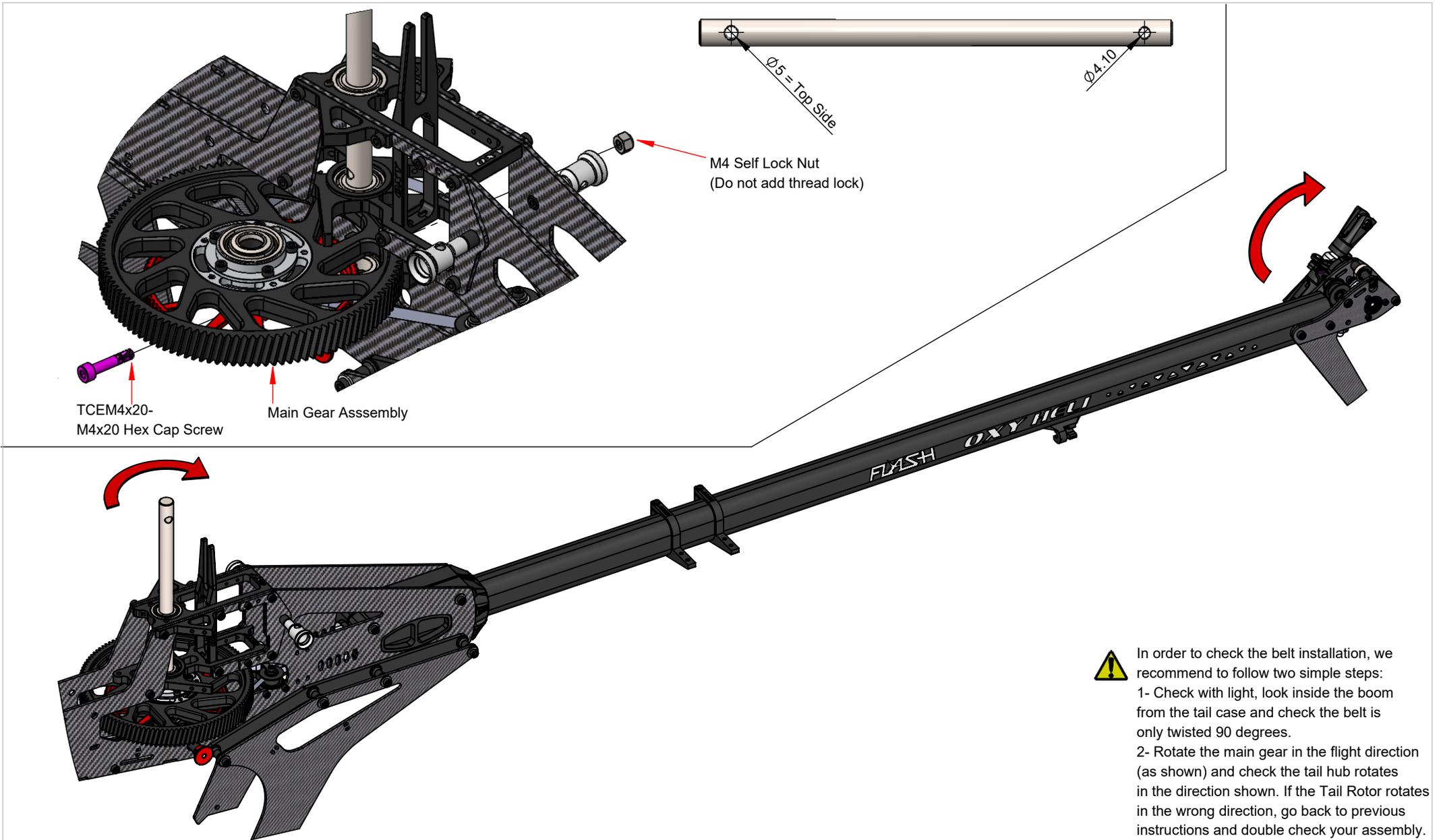
Warning: After Assembly, rotate the One Way Sleeve, It spin free as arrow shown

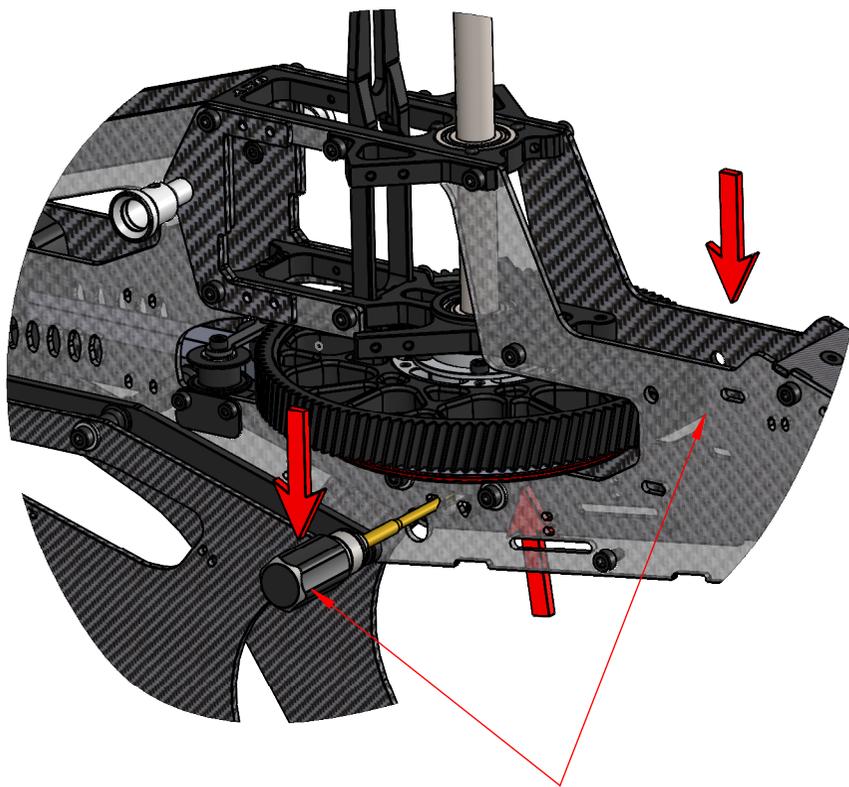




 Before next assembly step verify Tail Belt assembly position as shown.

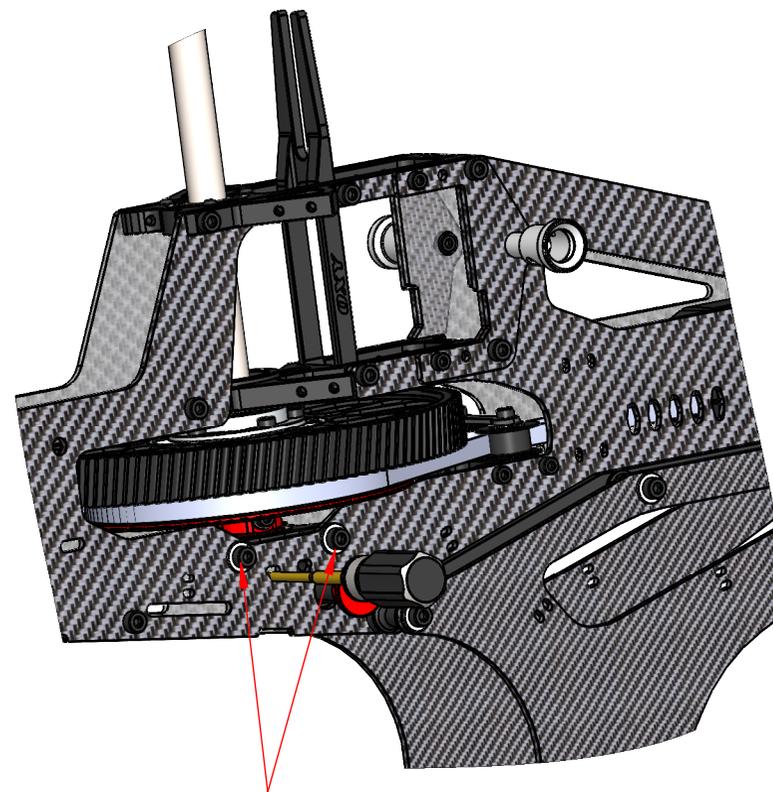






Use Two Screw Driver to lift up Lower Main Shaft Bearing block

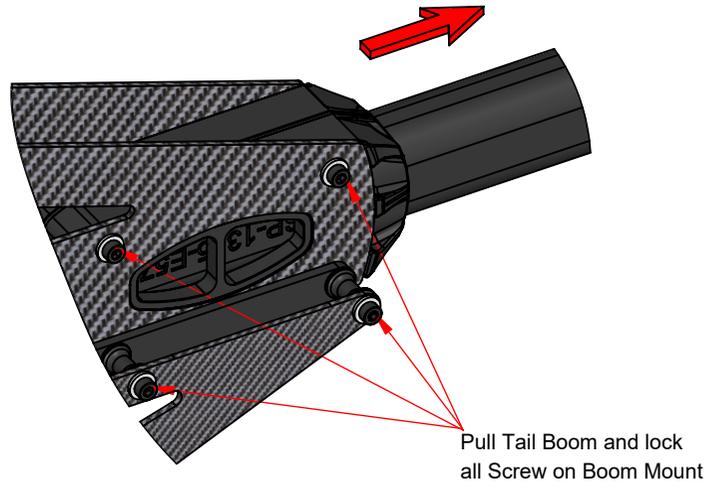
In order to remove Main Shaft vertical play, Lower Bearing Block MUST move UP!
To remove eventually residual Main Shaft vertical play, gently increase Jesus Pin Screw tighten.



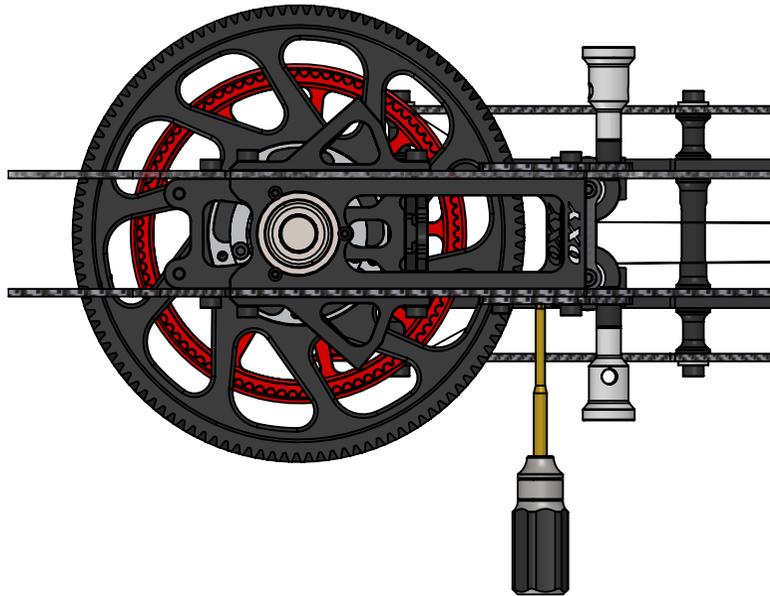
Tighten four Screws on Lower Main Shaft Bearing block.



Lower bearing block adjustment. The lower bearing block locks the main gear assembly and shaft in position to prevent vertical movement. Begin by lightly setting mounting screws so that the block will stay, but still move. Using 2 Allen drivers through holes in frame to move the lower bearing block upwards till no more movement then tighten the mounting screws. Once adjusted, you should be able to replace main gear assembly without change to lower bearing block position.

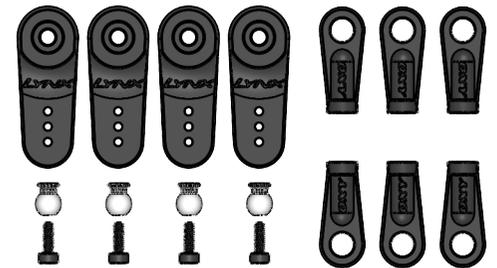
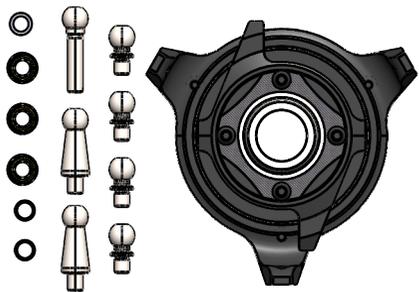
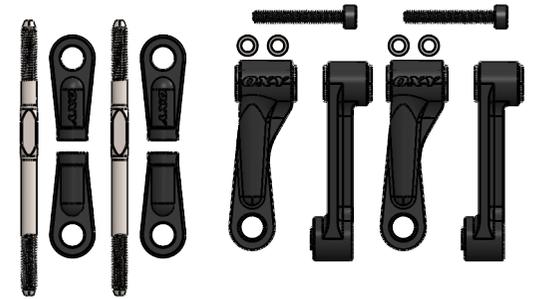
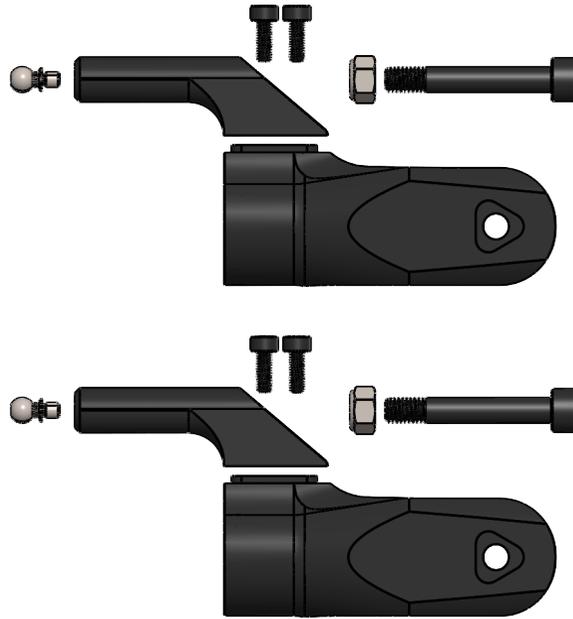
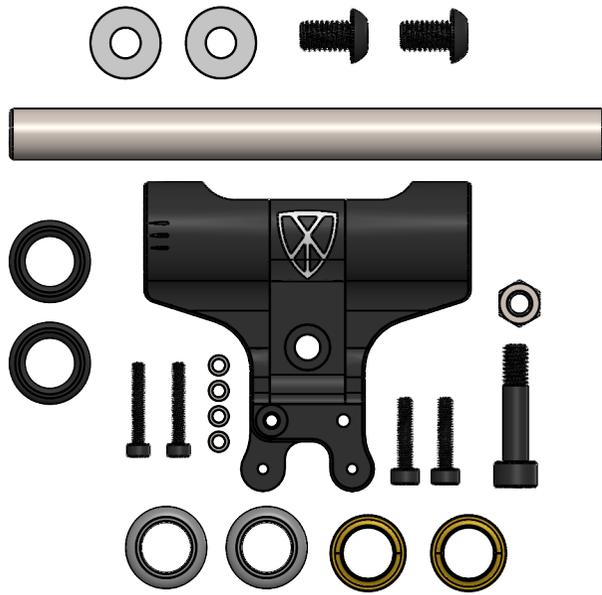


- Be sure the boom is assembled and installed correctly.
- Loosen the tail boom by loosening the eight Hex Cap Screws on Boom Mount.
- Adjust the Belt tension by pulling on the Tail Boom.
- Tighten the eight Hex Cap Screws on Boom Mount.
- The belt must have good tension. We suggest re-checking after a few flights. We suggest to check belt tension often, before each flying session.
- If spool up get difficult, may Tail Belt is over tight, recheck and eventually loose Belt tension little bit
- If the belt is often loose, you should check the lock system or belt integrity.
- Tests show that a hard 3D pilot can perform over 400 flights before the belt will fail. We recommend replacing the Tail Belt after 300 flights, even if it does not show wear, to avoid it breaking unexpectedly in flight. - After a crash, spend some time checking Belt integrity and replace if any teeth are missing.



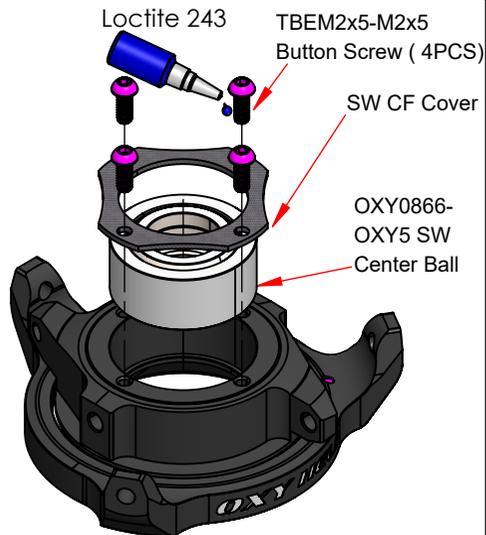
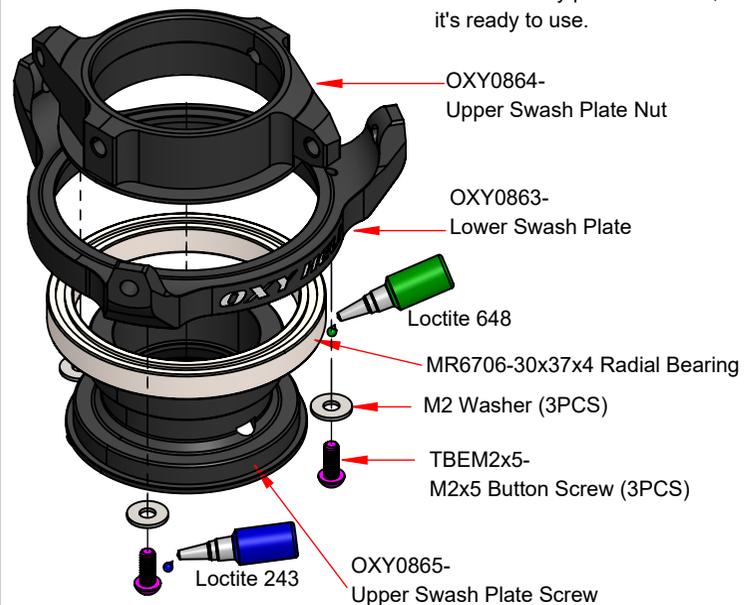
Use a Screw Driver to check Belt Tension (suggested max deflection is 1mm)

- Note: We recommend a tight Belt tension.
- If motor struggles during spool up, the belt tension may be too tight. Recheck tension and loosen slightly as needed.
- Check the Belt tension again after the first 2 flights.
- With a new Tail Belt, when the head is rotated slowly, it is normal to hear a tooth sound as the belt engages with the Main Pulley. This sound is normal and will disappear after a few flights and the necessary "break-in".

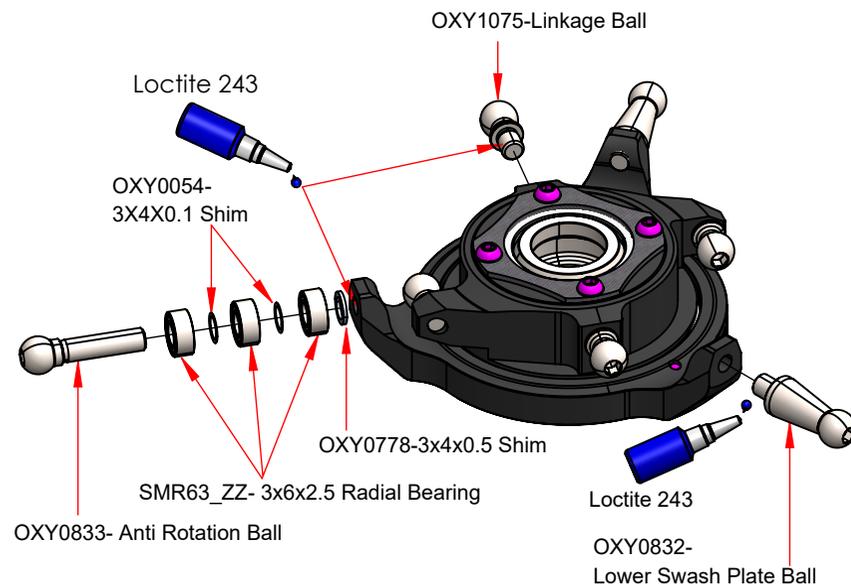


Swash Plate Assembly
(Box3/bag 24)

⚠ Important Note:
this part, for tuning reasons,
comes factory pre assembled,
it's ready to use.



⚠ Important Note:
this part, for tuning reasons,
comes factory pre assembled,
it's ready to use.



Main Rotor Assembly
(Box3/bag 25)

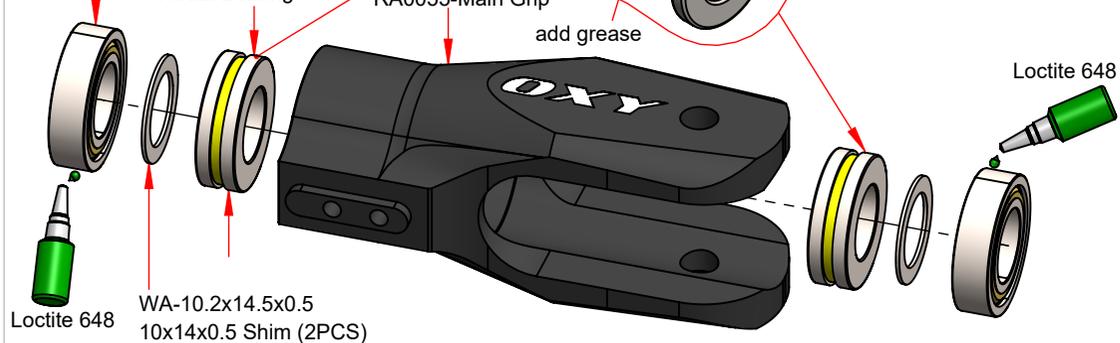
SRM6800-10x19x5
Radial Bearing (2PCS)

2 x 10x18x5.5
Thrust Bearing

RA0055-Main Grip

add grease

⚠ Important Note:
this part, for tuning reasons,
comes factory pre assembled,
it's ready to use.

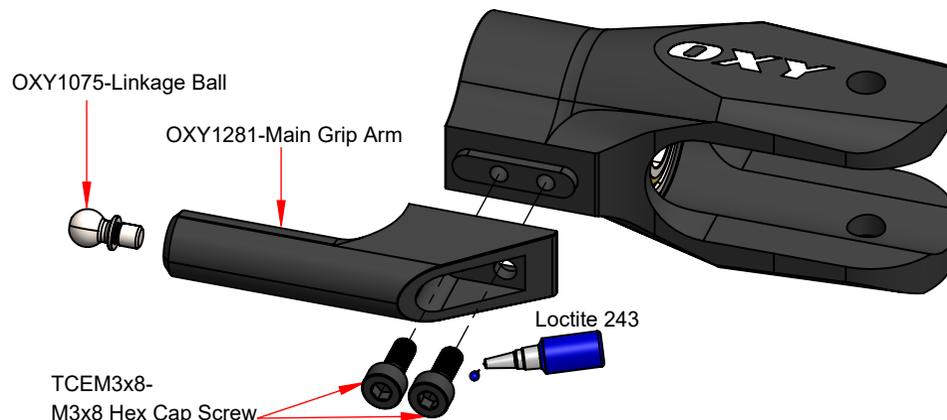


OXY1075-Linkage Ball

OXY1281-Main Grip Arm

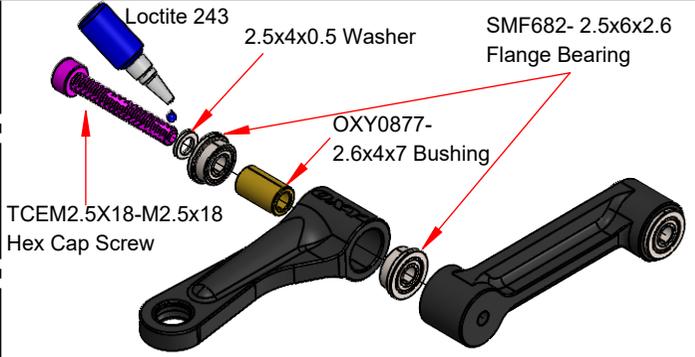
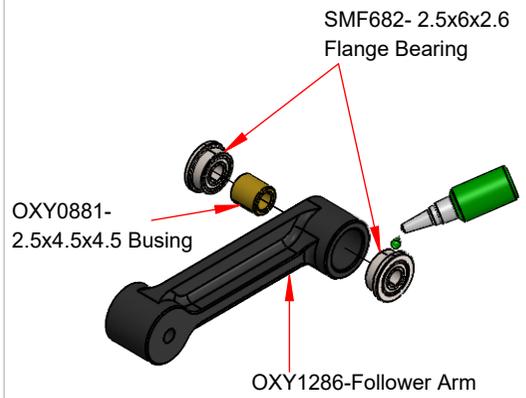
Loctite 243

TCEM3x8-
M3x8 Hex Cap Screw

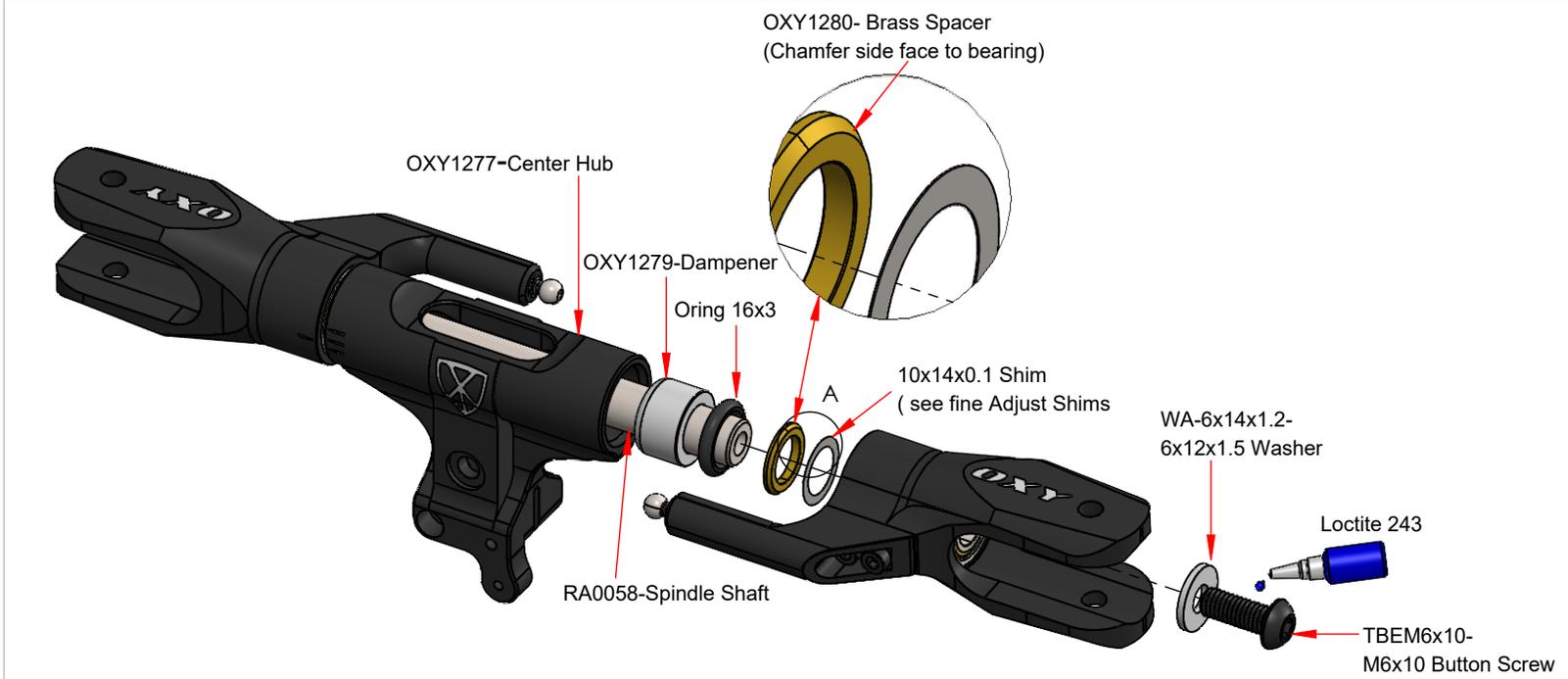


Anti Rotation Arm Assembly
(Box3/bag 25)

⚠ Important Note:
this part, for tuning reasons,
comes factory pre assembled,
it's ready to use.

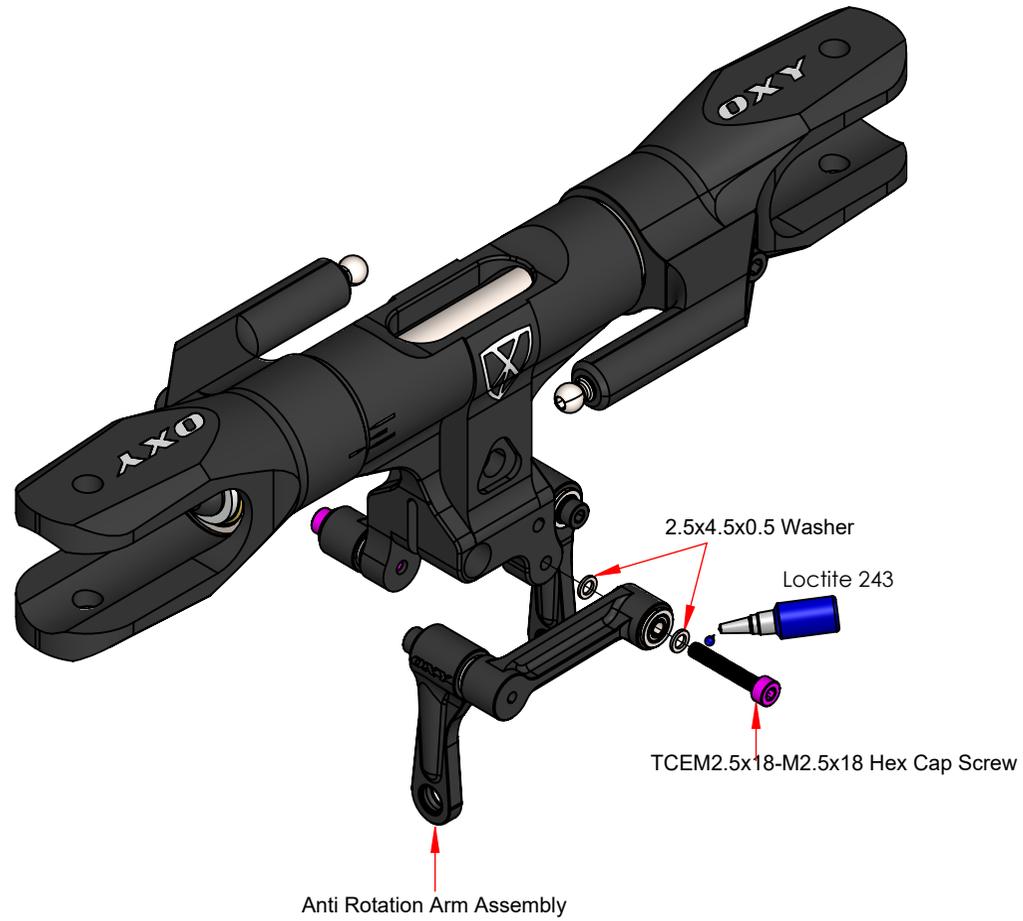


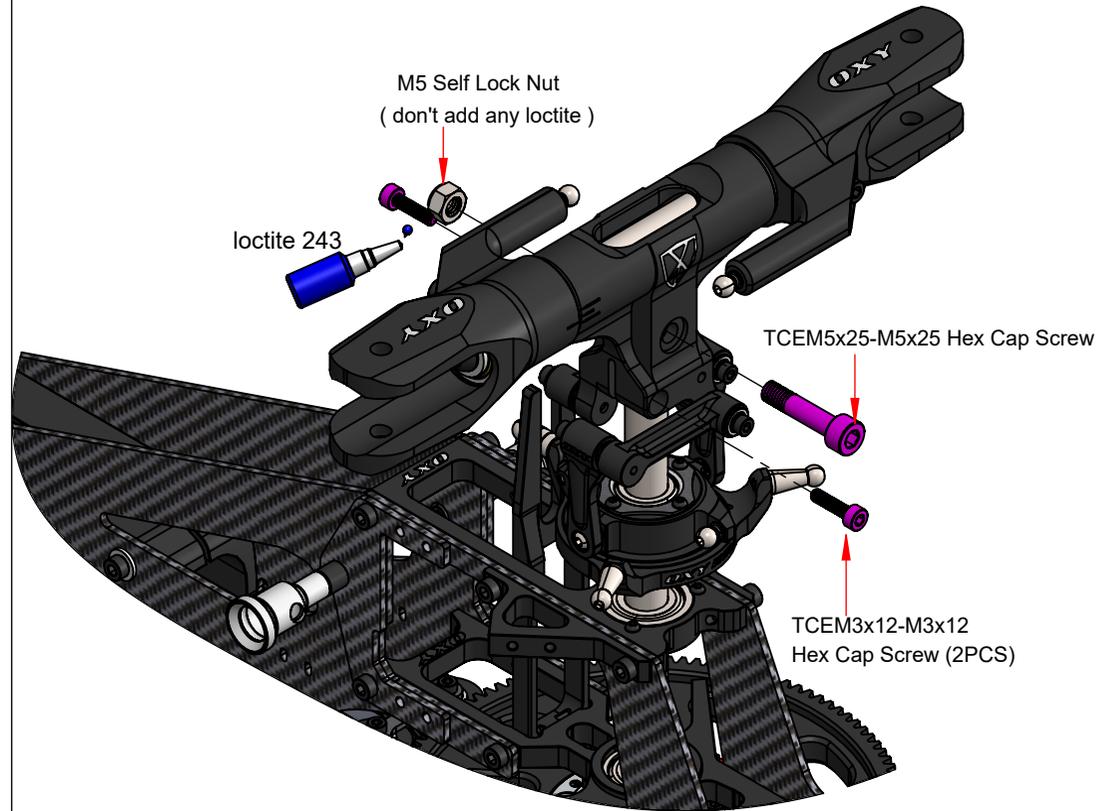
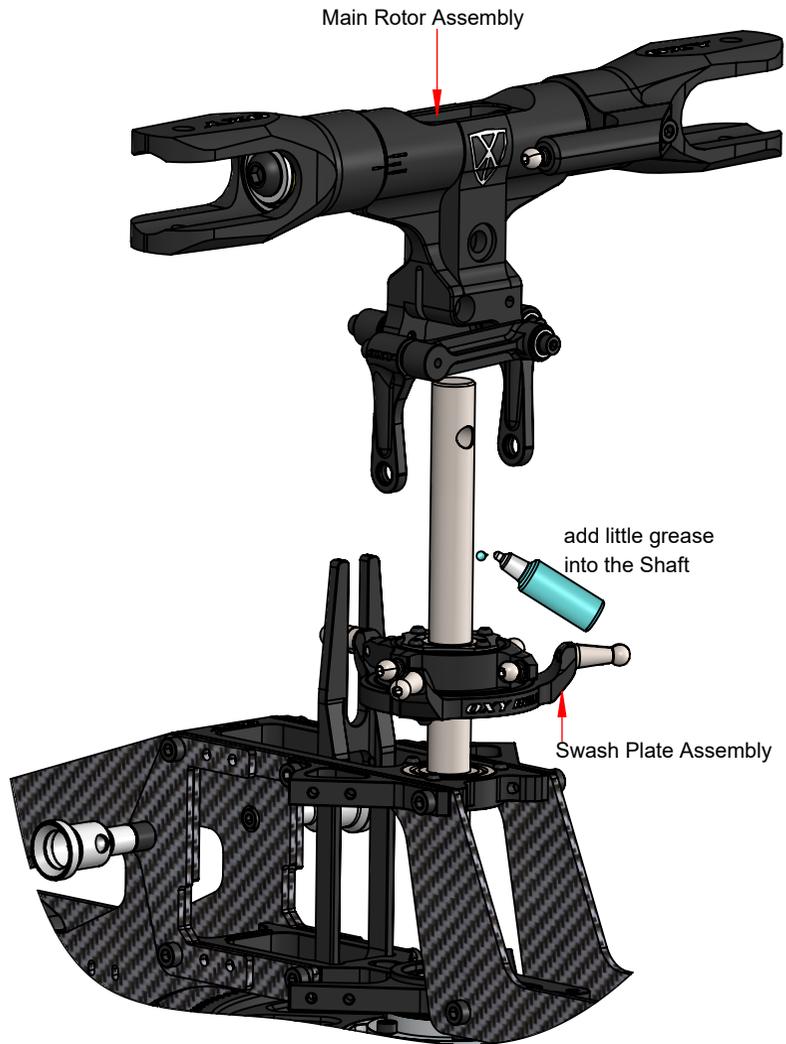
⚠ Important Note:
This part comes pre assembled WITHOUT
thread lock. Follow the instruction for final
assembly.



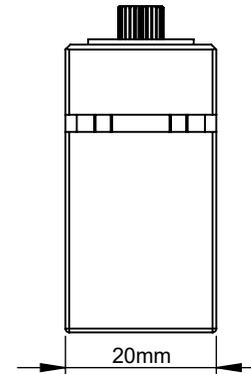
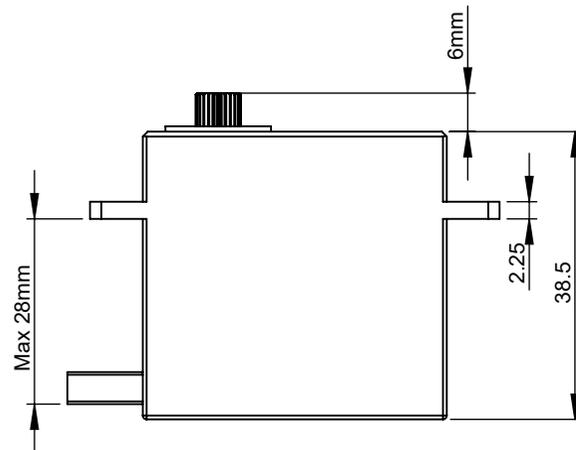
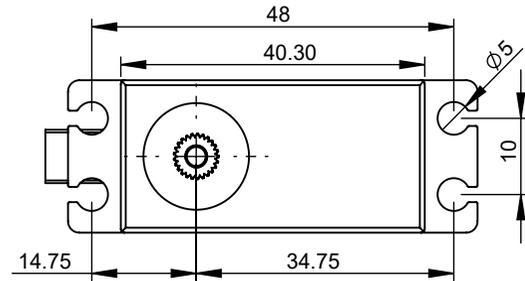
⚠ Fine Adjust Shims:
In order to give fine adjustment options,
the extra Hardware Bag contains extra
Shims 8x12x0.1. Start assembly with one
(each side)pre installed shim.
If the Main Grips have sideway play,
add shims as required. Each Grips must
have the same number of shims. If you
add one shim on the left side, you need
to also add one shim on the right side

⚠ Important note:
This part comes pre
assembled WITHOUT
thread lock. It MUST
be re-assembled with
thread lock as shown.





 **SERVO SIZE IMPORTANT NOTE:** OXY Flash from box come with Standard Size Cyclic Servo Support and on Tail can accept Standard.



- You should now do some initial setup of your FBL unit and servos.
- We recommend you select a new model in your transmitter, and reset your FBL unit and start with a clean setup in it as well.
- After binding your transmitter to the receiver system used with the FBL unit, work your way through the FBL setup instructions to the point you plug in your servos.
- Now set your collective stick in the middle position, and position the servo arms as close to the correct positions you can on each servo see the following pages for arm orientations on the various servos.
- Next confirm the servos work in the correct direction, then return the collective stick to the center position.
- Now use your FBL unit to trim the servos so the arms are exactly horizontal (see pictures below).
- This procedure varies between units. Carefully label the position of the servos, then proceed with the installation of the servos as shown.

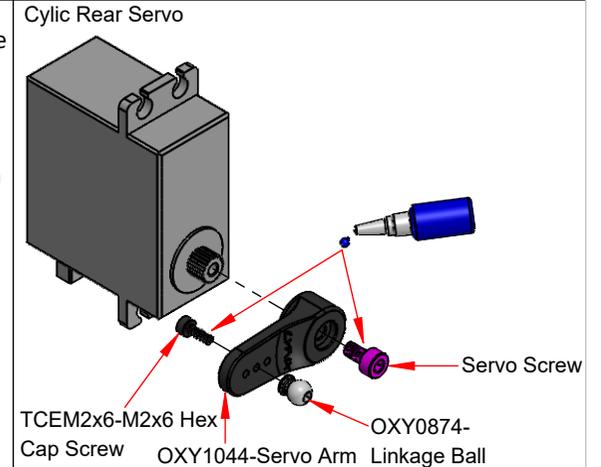
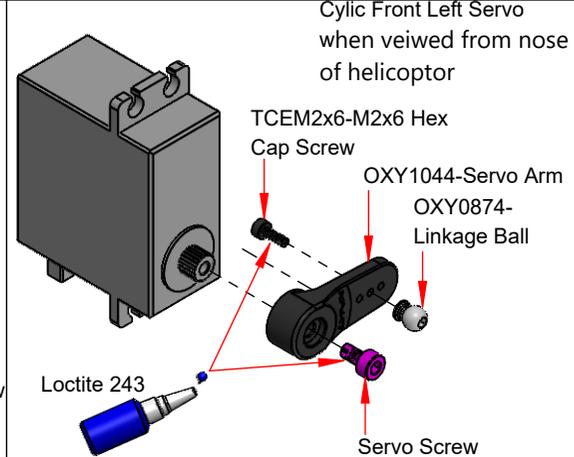
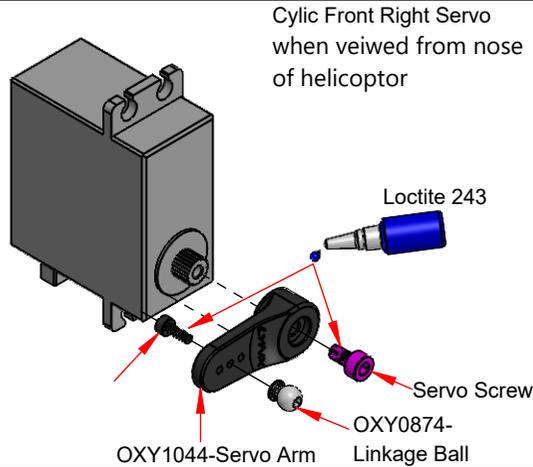
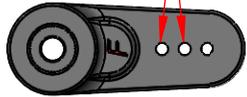
Linkage Ball Position

depend on your Flybarless setup,
please see note



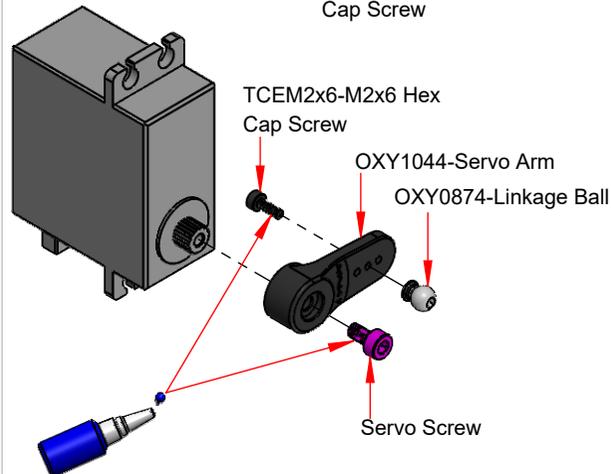
Note:
In our testing 17.5mm default servo ball mount works best for most FBL and servo combinations. However depending on your servo resolution and FBL for example NEO you may yield better results with 14.5mm position.

Warning: OXY Servo Arm comes with Futaba spline



Tail Servo

TC2M2x6-M2x6 Hex Cap Screw

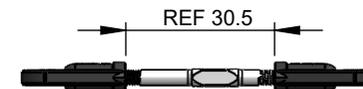


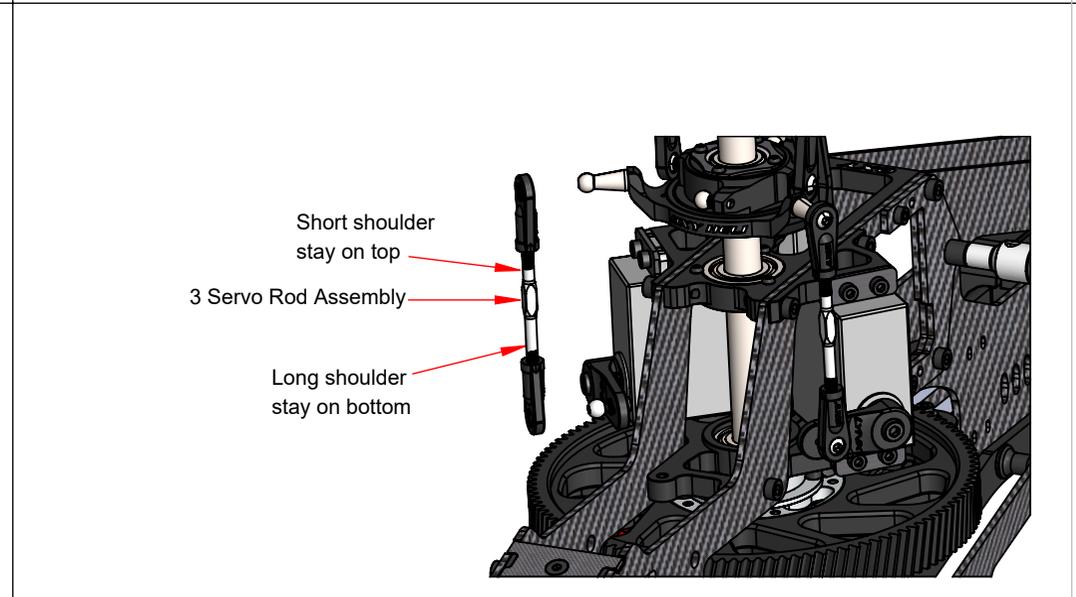
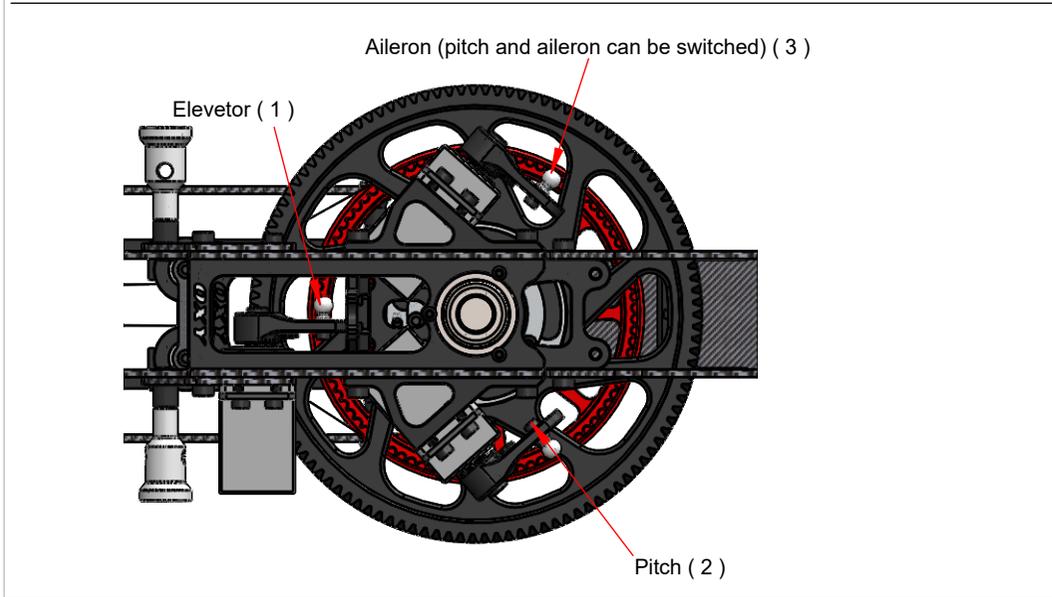
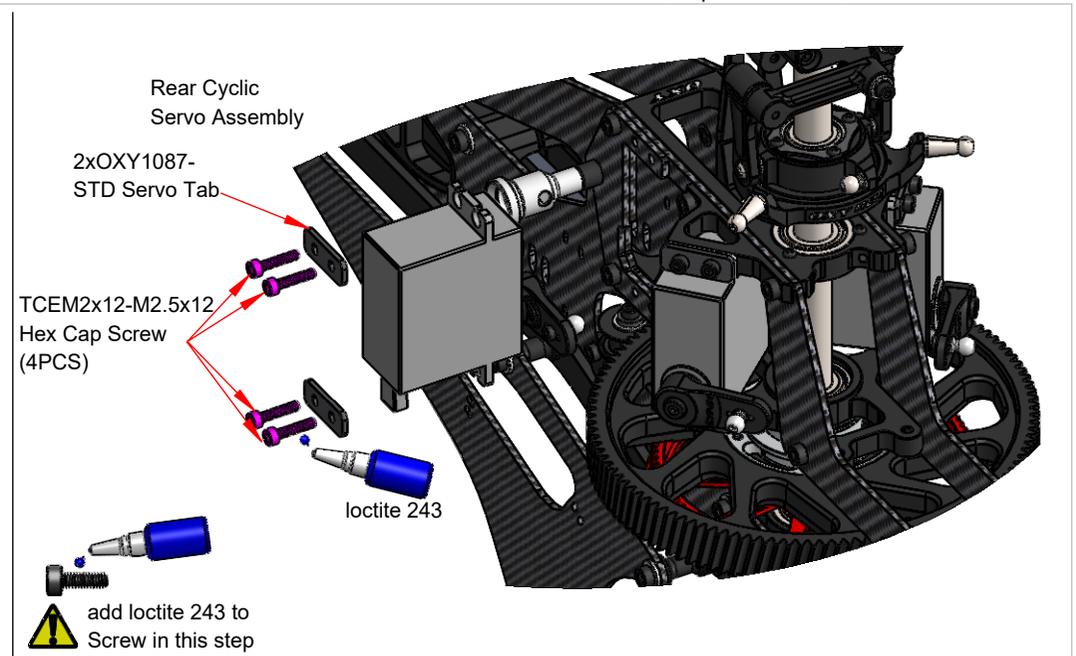
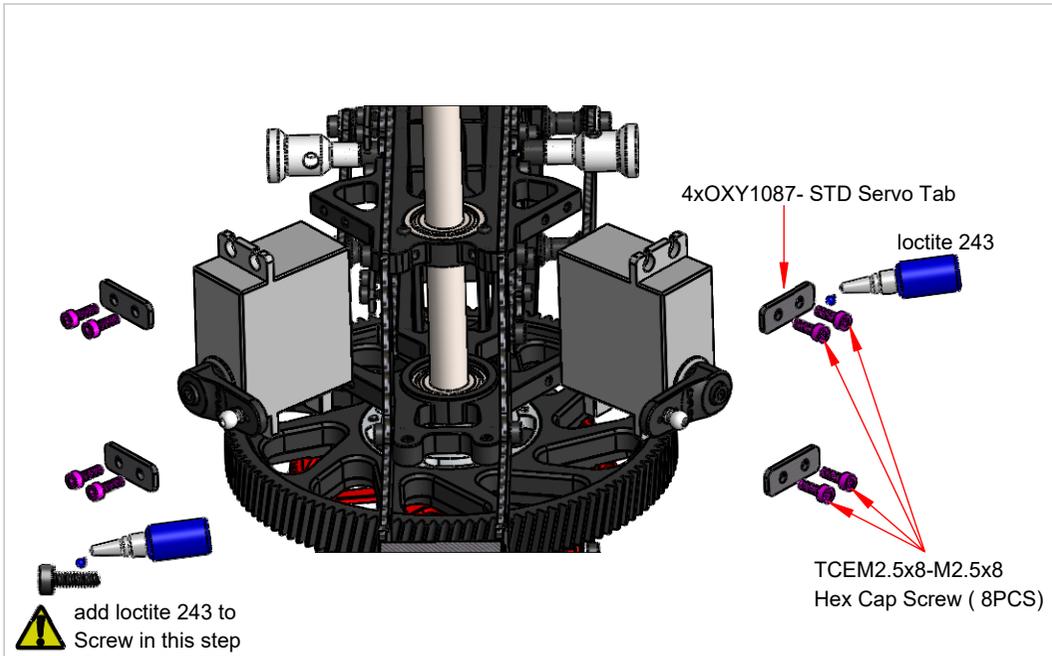
Servo Rod Assembly (3pcs)

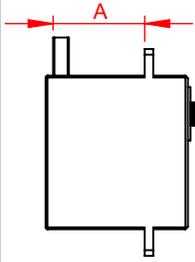
DR1252-Plastic Linkage Ball



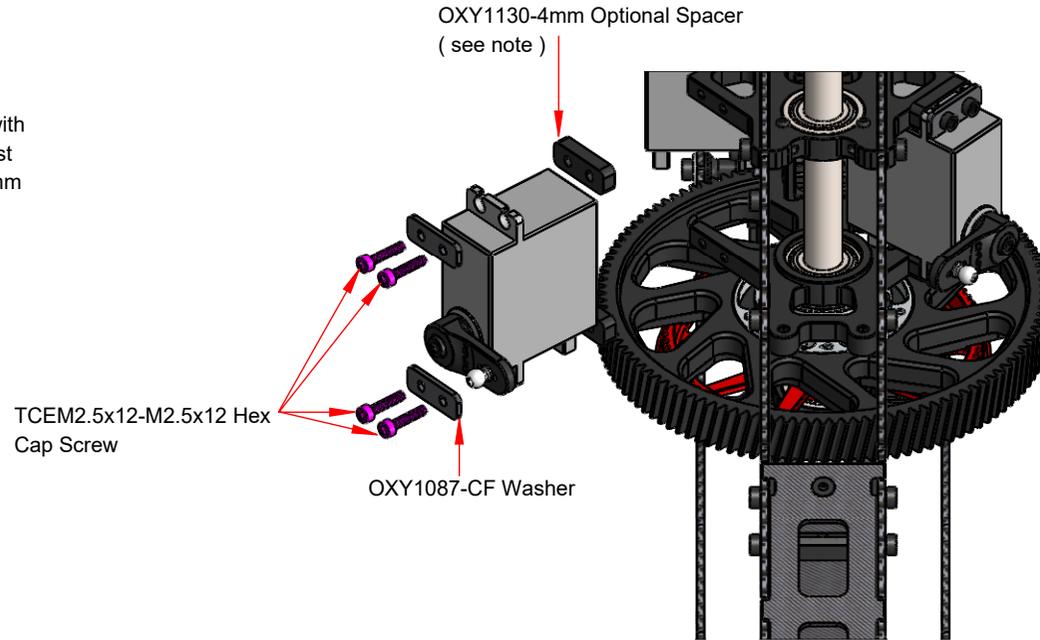
It is really important the servo rods screw onto the linkages the same amount. The Metal Rod have one side clockwise thread and one side have counter clockwise thread .

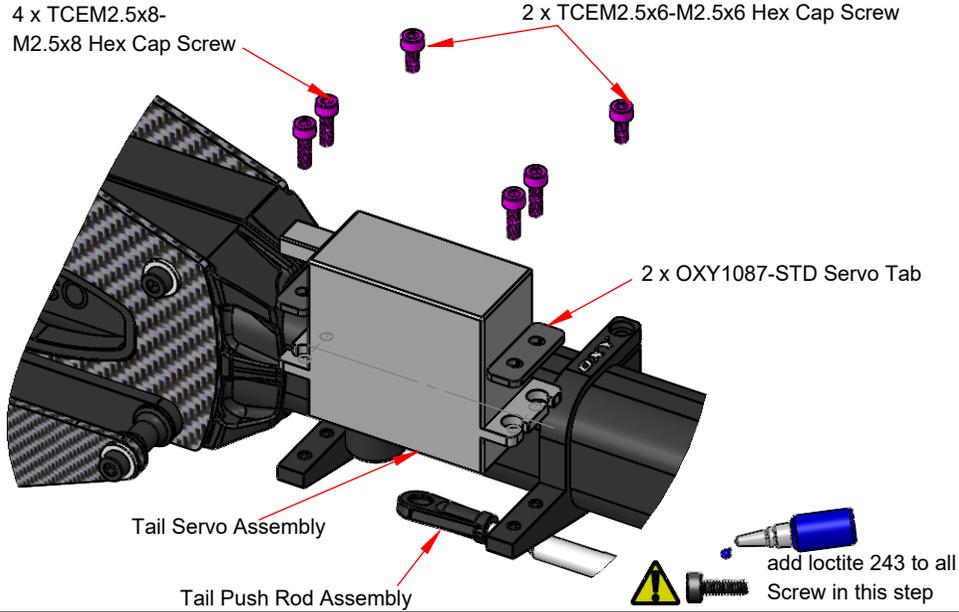




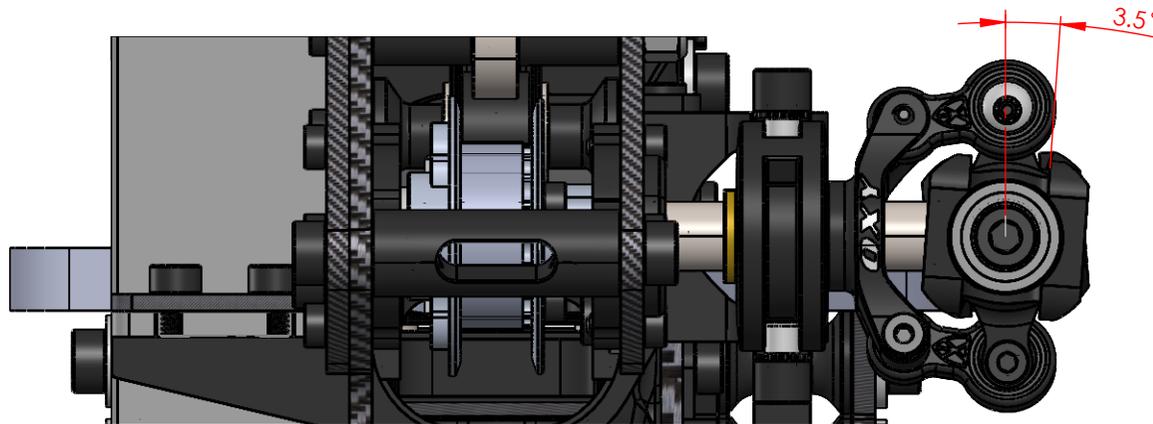
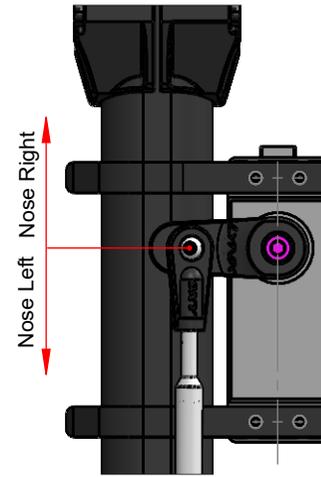


Servo Layout Addendum Note:
 Different Standard Servo format
 are available in the market. Servos with
 dimension A longer than 24 mm must
 be assembled with Kit supplied 4 pc 4mm
 spacers. Only if your servos have A
 dimension over 24mm left and right
 servos need spacers as shown.

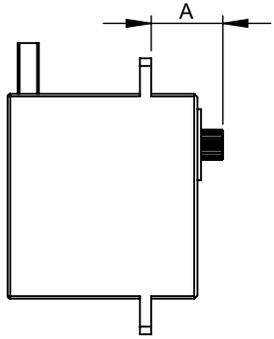




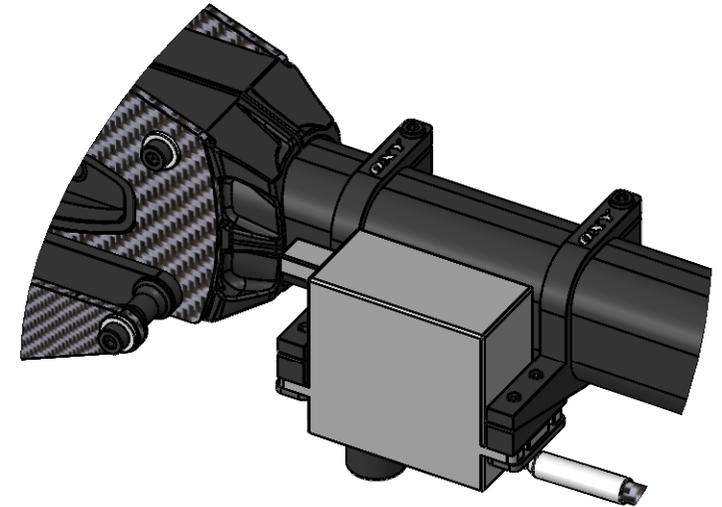
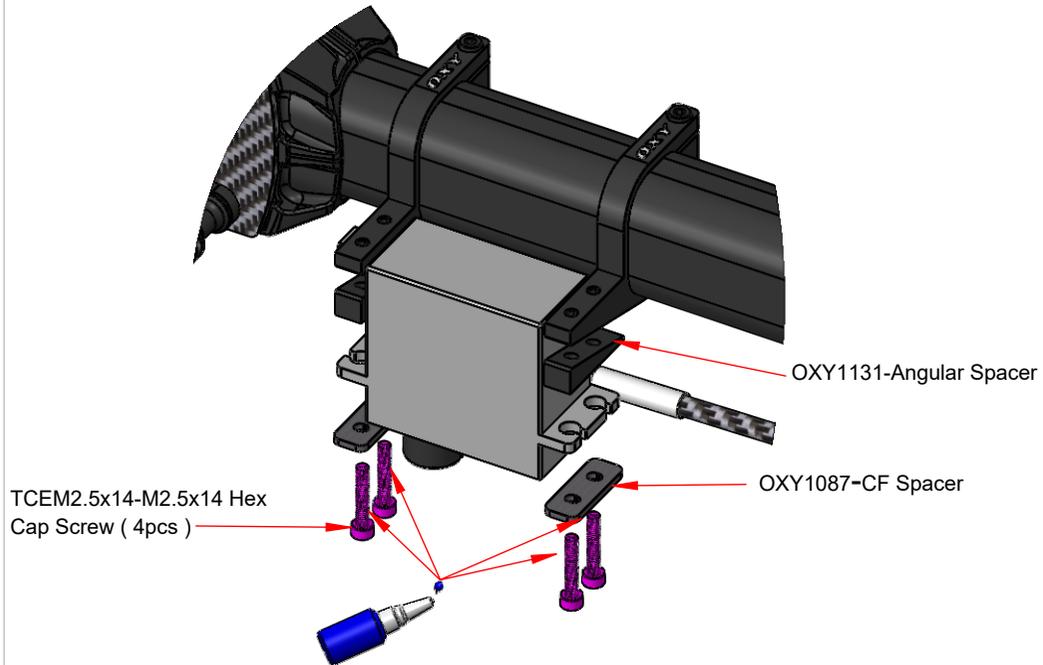
Arm position with centered Rudder stick.



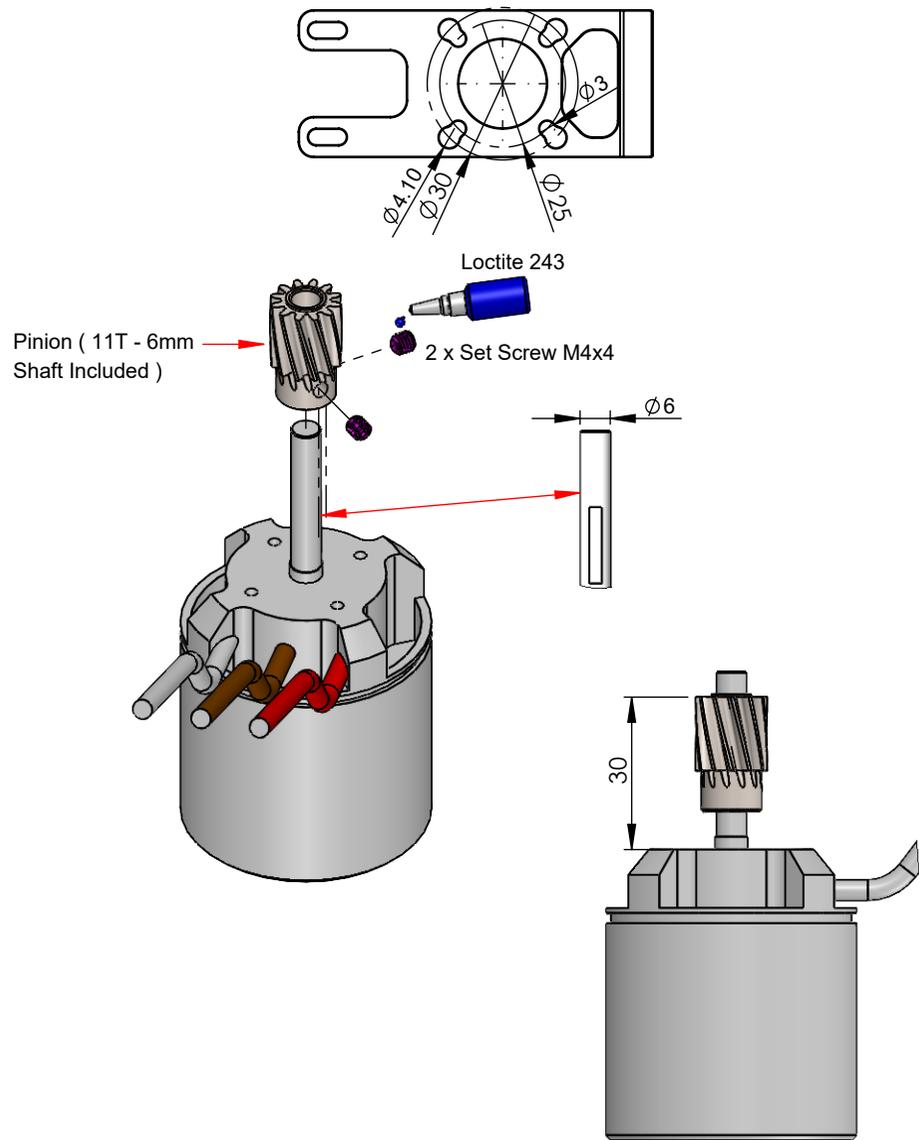
The Oxy Flash Tail System has approximately 3.5 of counter torque with the Tail Bell Crank set per instructions.



Note: if your tail Servo have Dimension A < 11.5, please install Tail Servo as image below

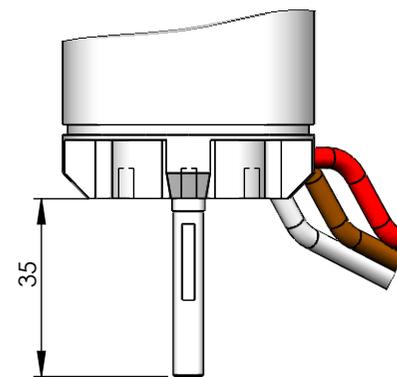
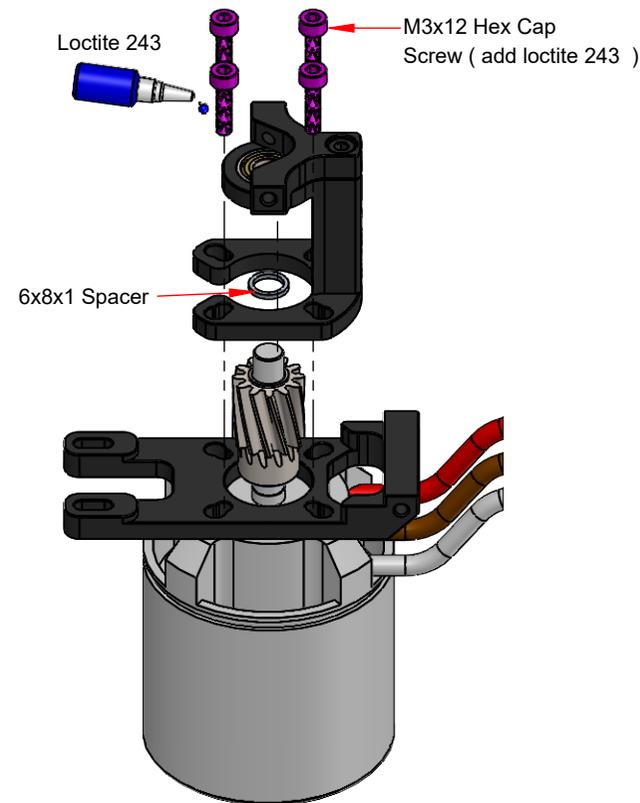
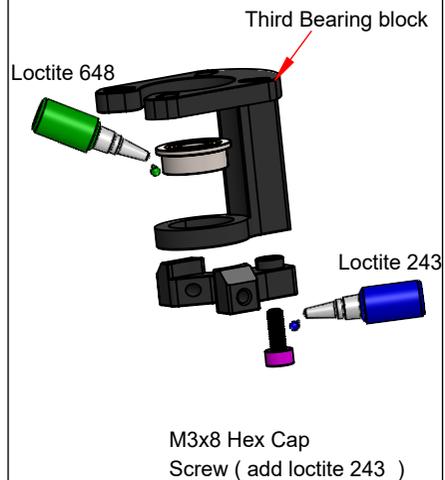


Motor Assembly
(Box3/bag 14)

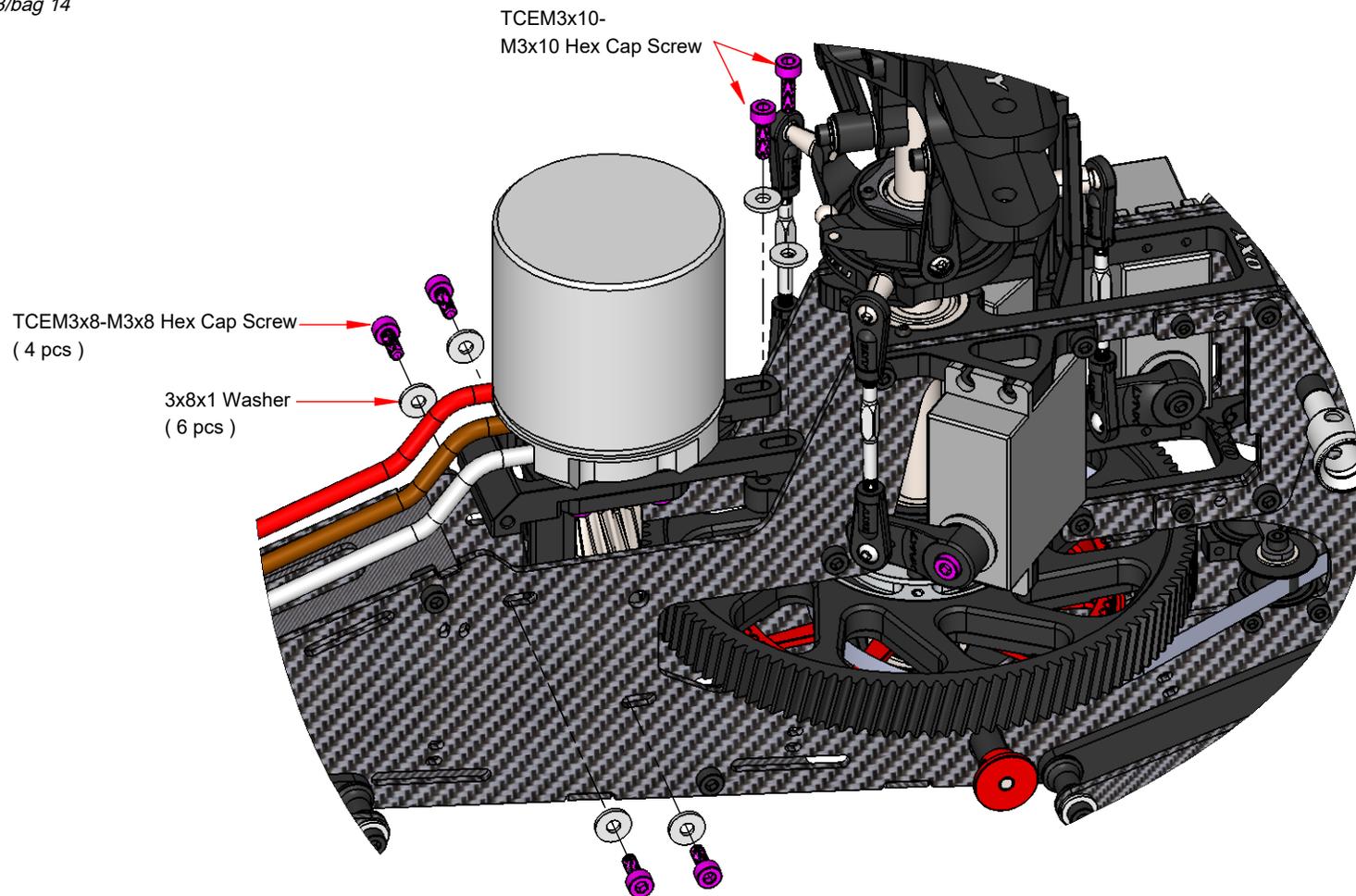


Optional Third Motor Mount

Depend on your Motor Shaft
Please choose 6x13x5 Flange
Bearing or 5x13x4 Flange Bearing



Motor Assembly
(Box3/bag 14



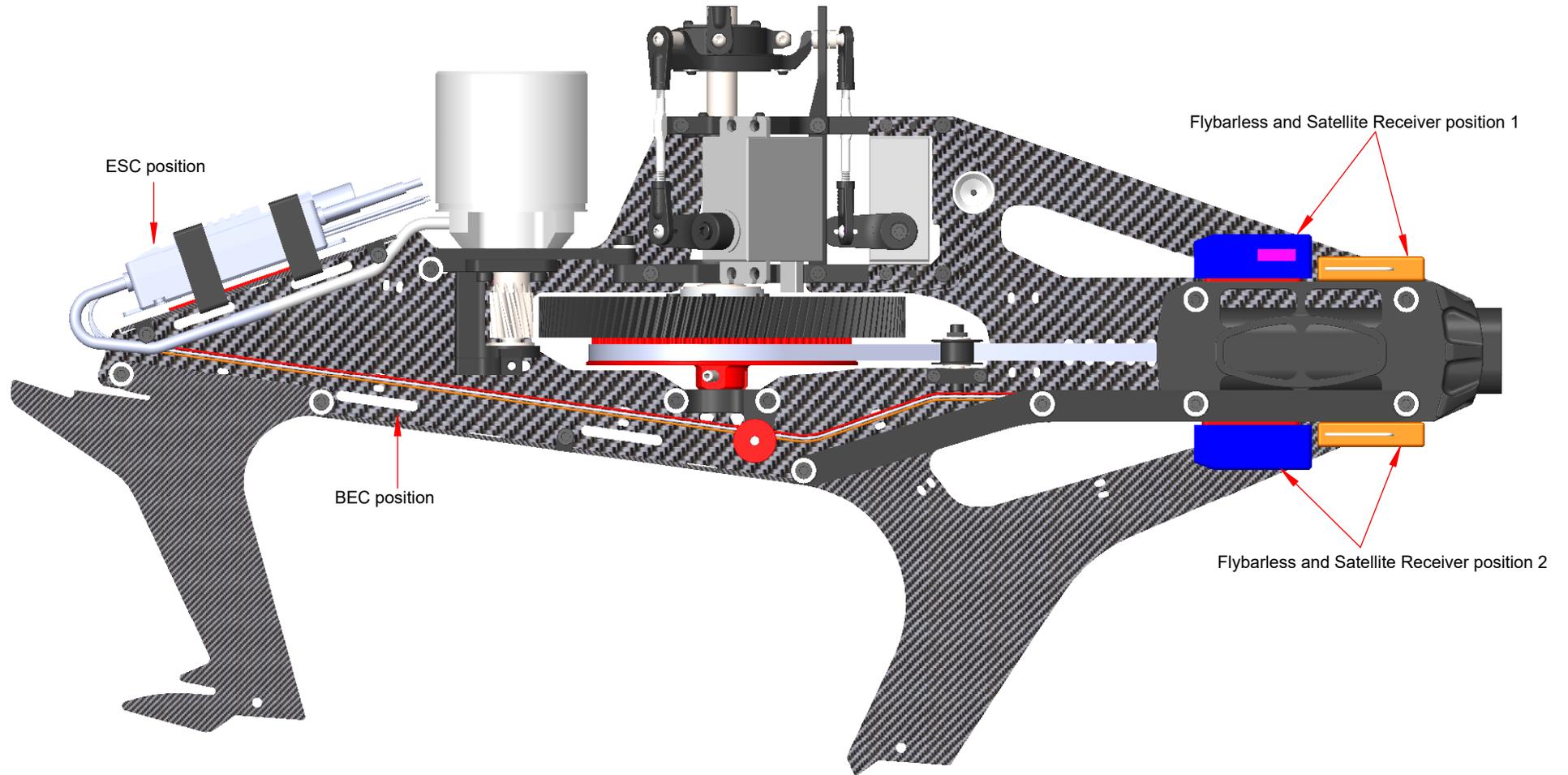
Main Gear/Pinion Mesh Pro Tips:

push motor / pinion against main gear, then rotate main gear by hand, find if there is any high spot, if there is, then set your gear mesh tight there.

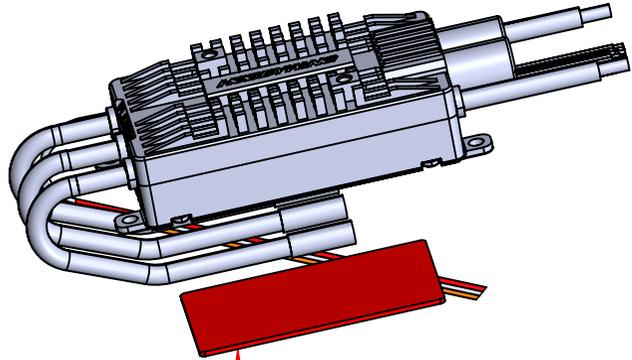
By tight, push lightly by hand.

Then rotate gear, slightly by hand. Then lock down the motor position.

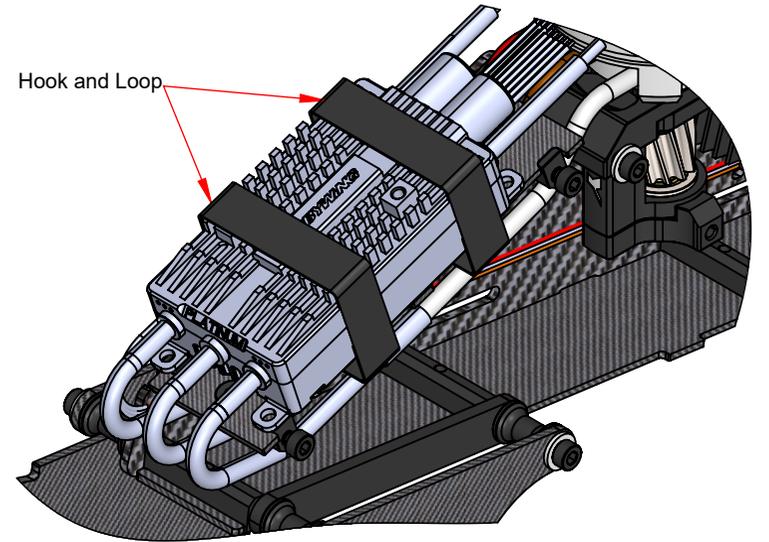
Then check by hand, high spot should just contact, rest you should feel just a hair click of backlash.



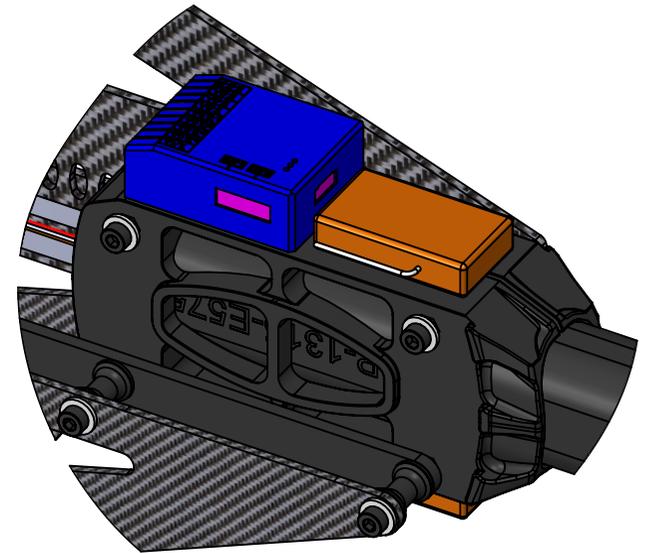
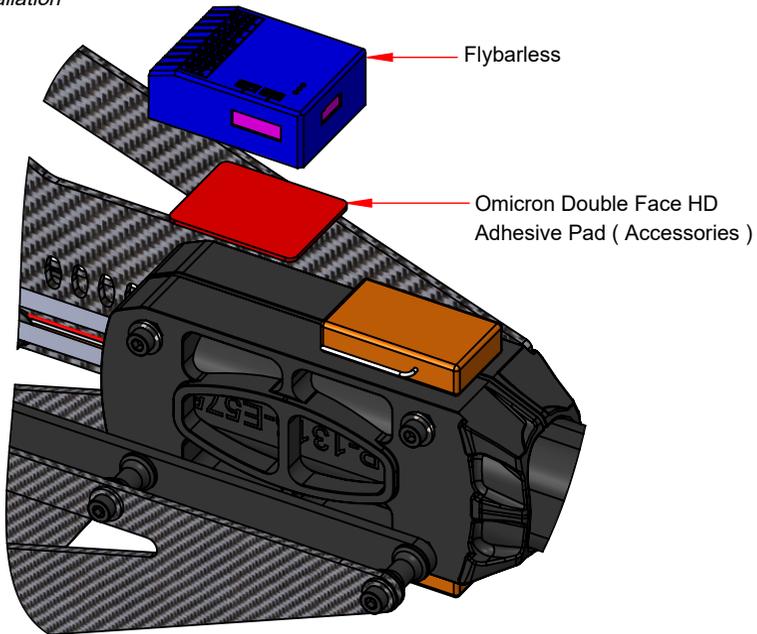
ESC Installation



Omicron Double Face
HD Adhesive Pad
(Accessories)



Flybarless Installation



Before Flight:

Now complete the setup of your FBL system.

Starting gyro gain: The Flash was designed around famous FBL Systems (IKON / Brain / mini V-Bar), and we suggest you start with the following standard set up and adjust after test flying.

Cyclic Set Up: Use suggested settings for 700 size Helicopters and adjust after test flights.

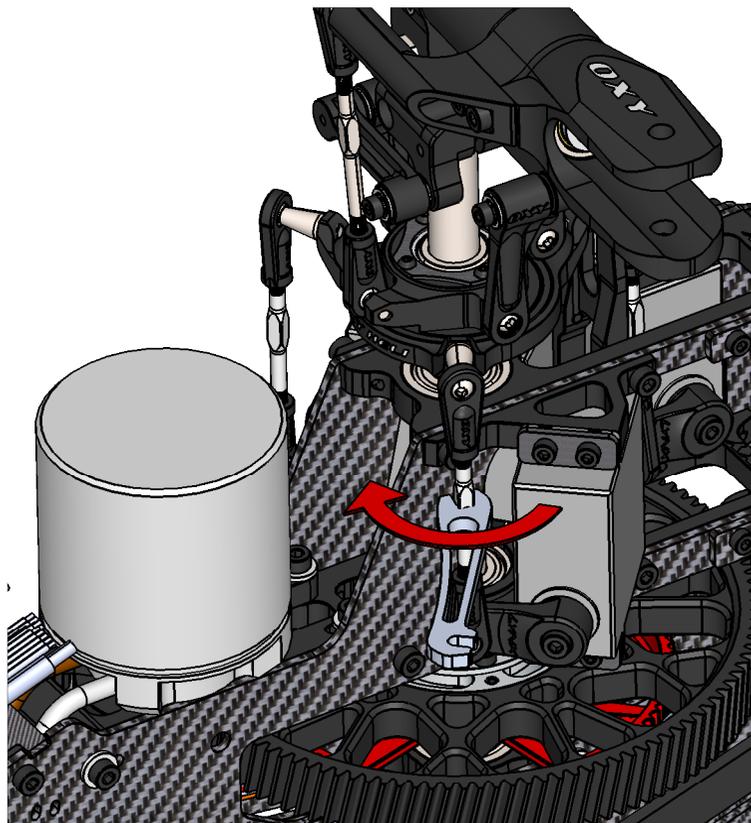
See our table on page 7 for RPM and Pitch Settings. Cyclic Max pitch should be +/- 12 deg.

Tail Set Up: Use the suggested settings for 700 size Helicopters BUT start with a LOWER Tail Gain (Increase after test per need)

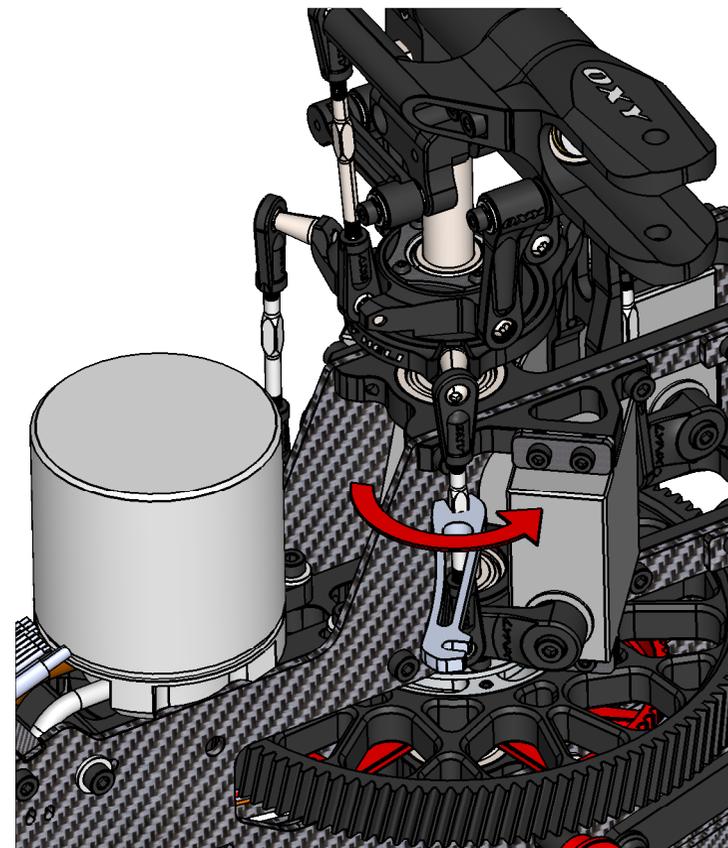
IKON / Brain = 20% Mini V-Bar = 250 Heli suggested gain.

approximately angle +/- 12 degree





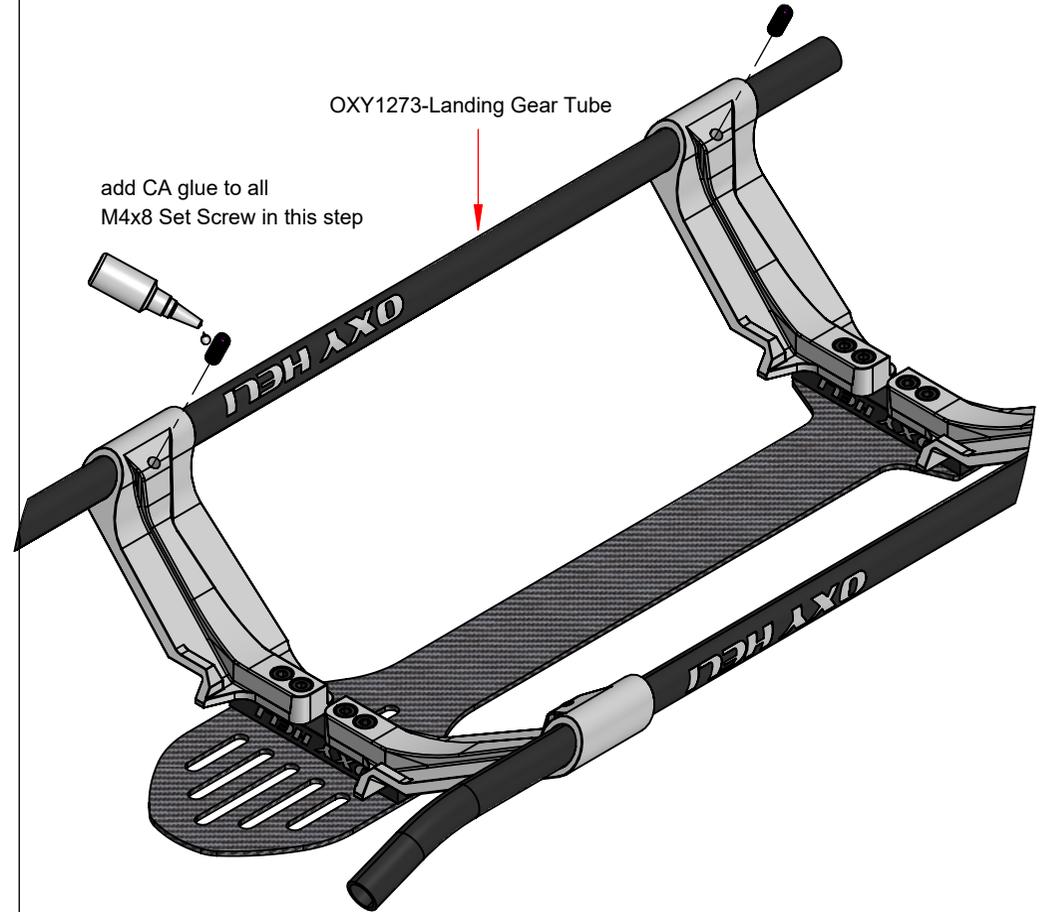
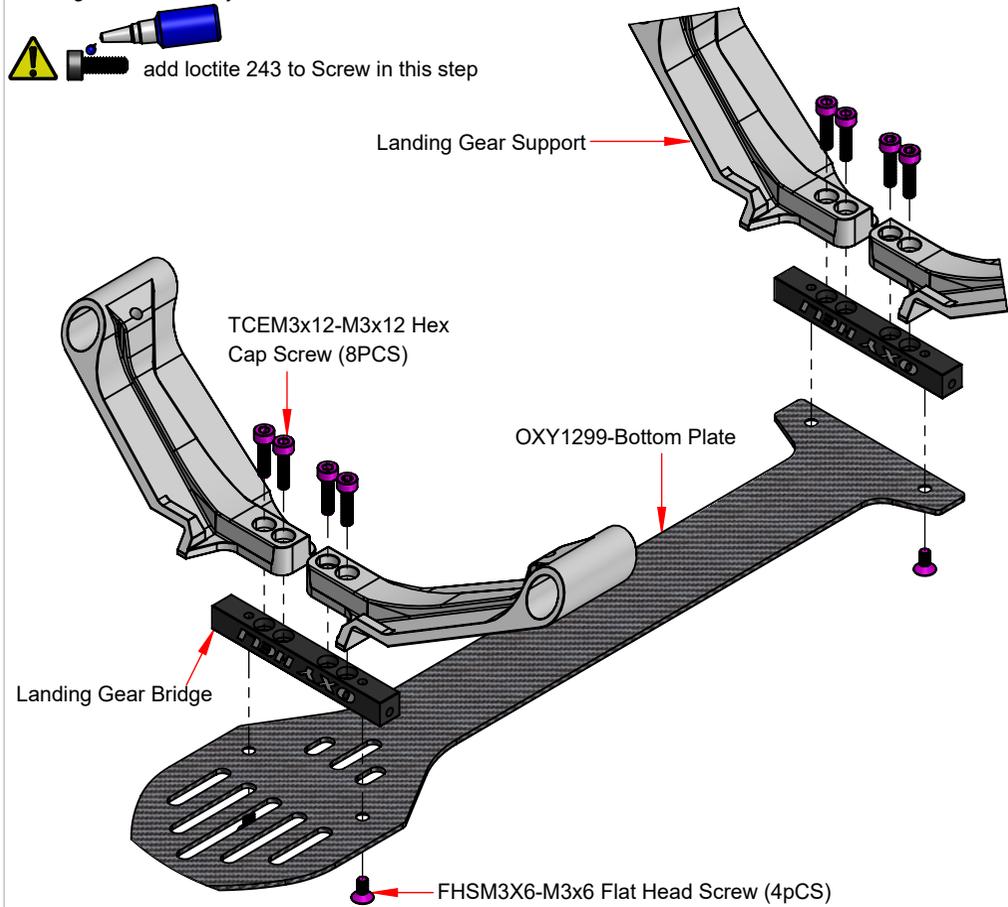
turn the key clockwise to adjust the Servo Rod and Pitch Rod longer



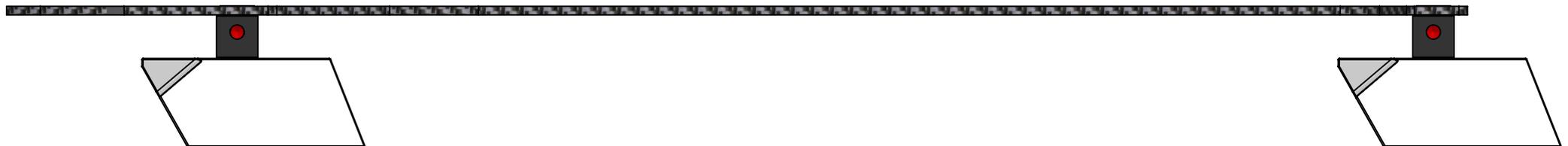
turn the key counter clockwise to adjust the Servo Rod and Pitch Rod Shorter

Landing Gear Assembly

  add loctite 243 to Screw in this step



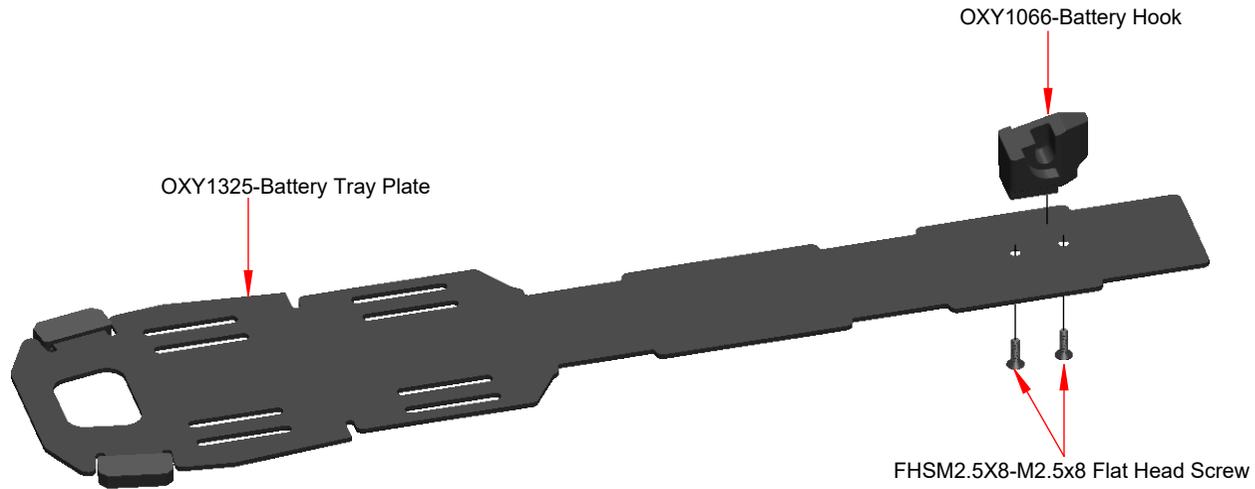
 The Hole Position to lock into Main Frame after Assembly

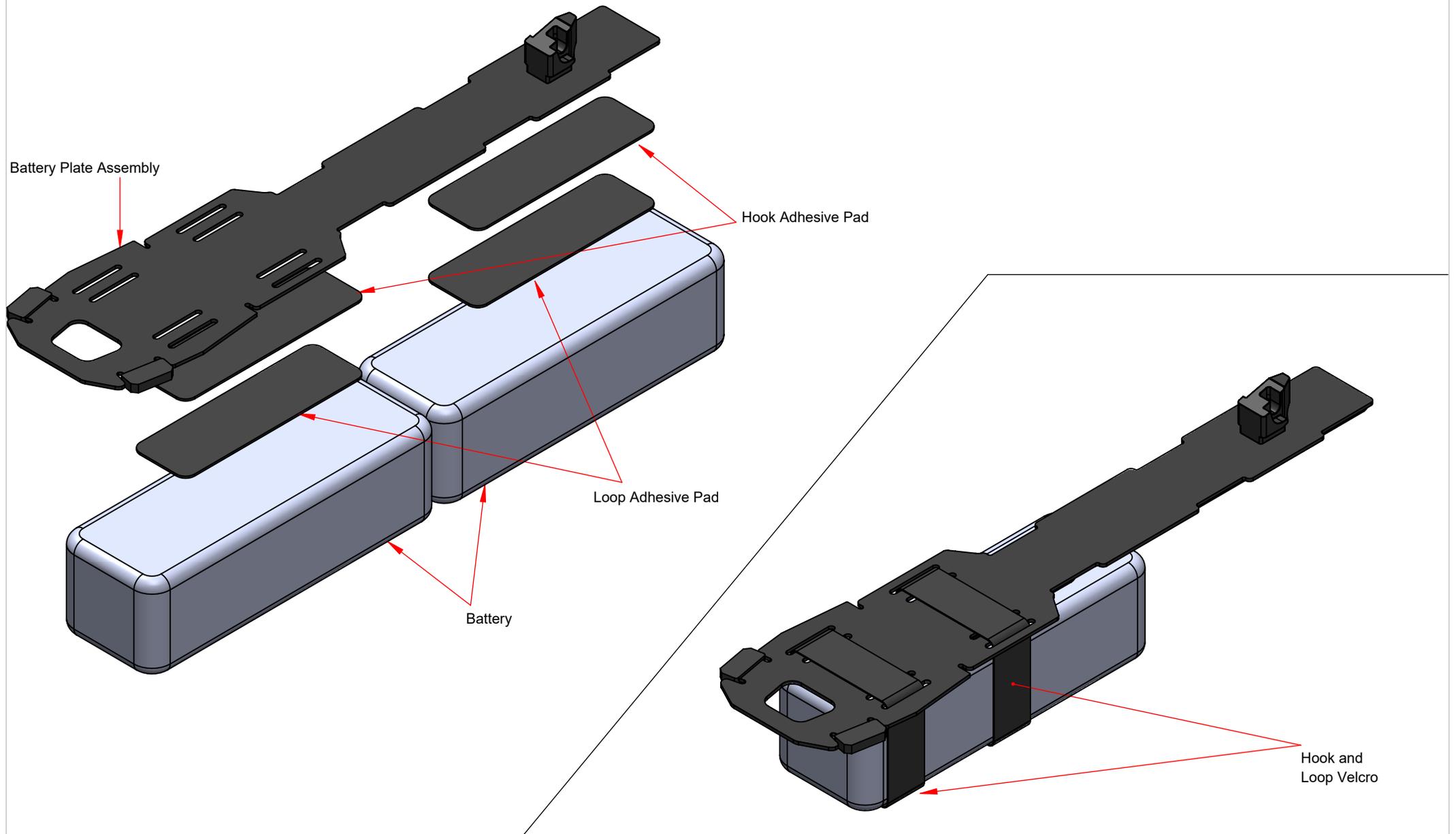


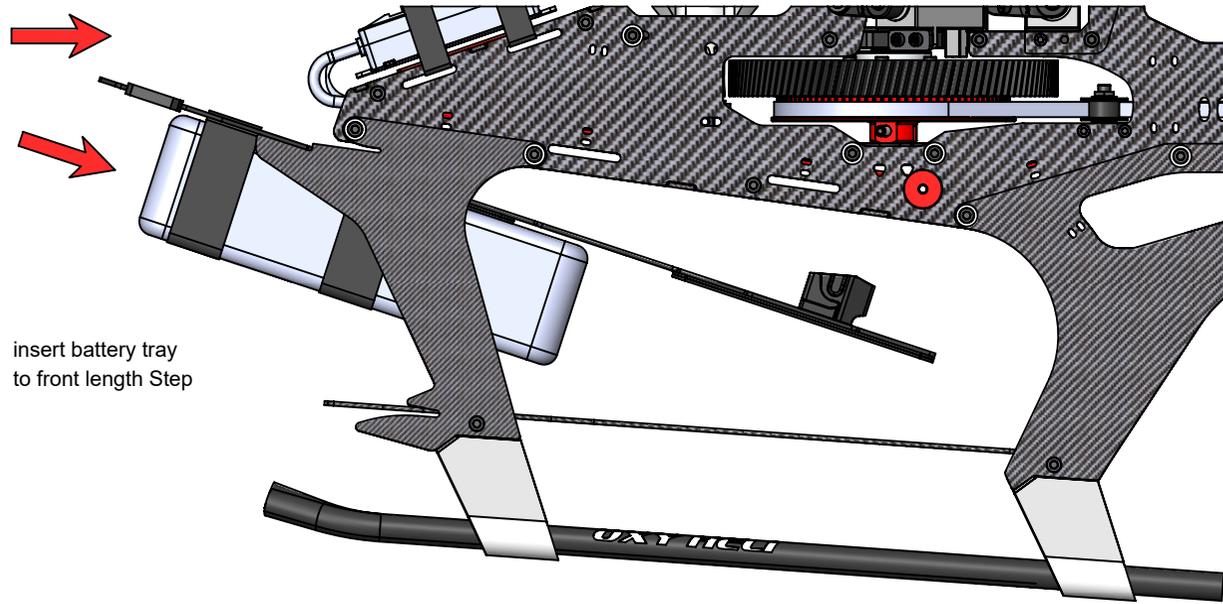
Landing Gear Installtion



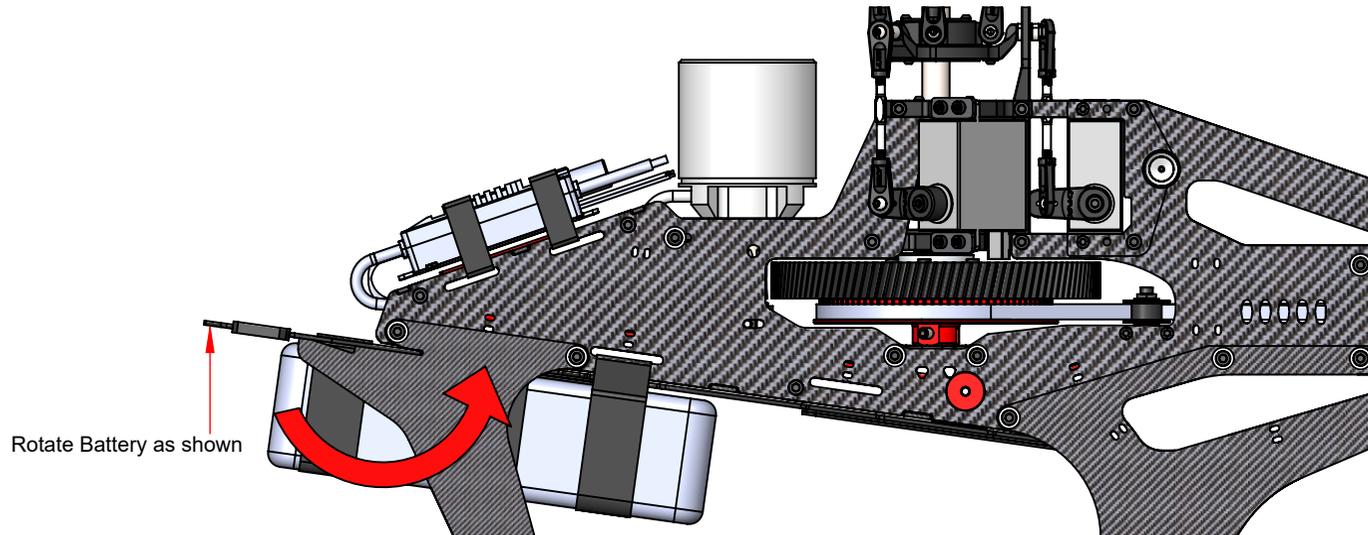
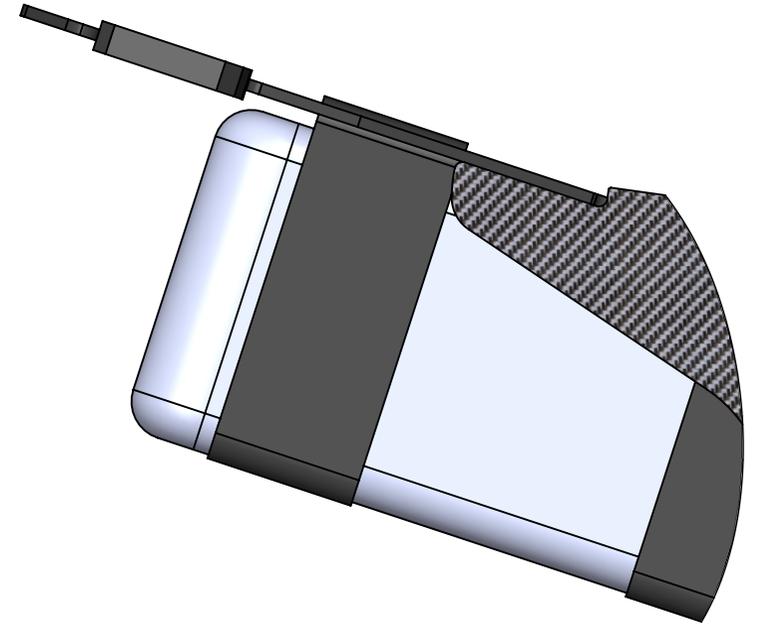
Battery Tray Plate Assembly



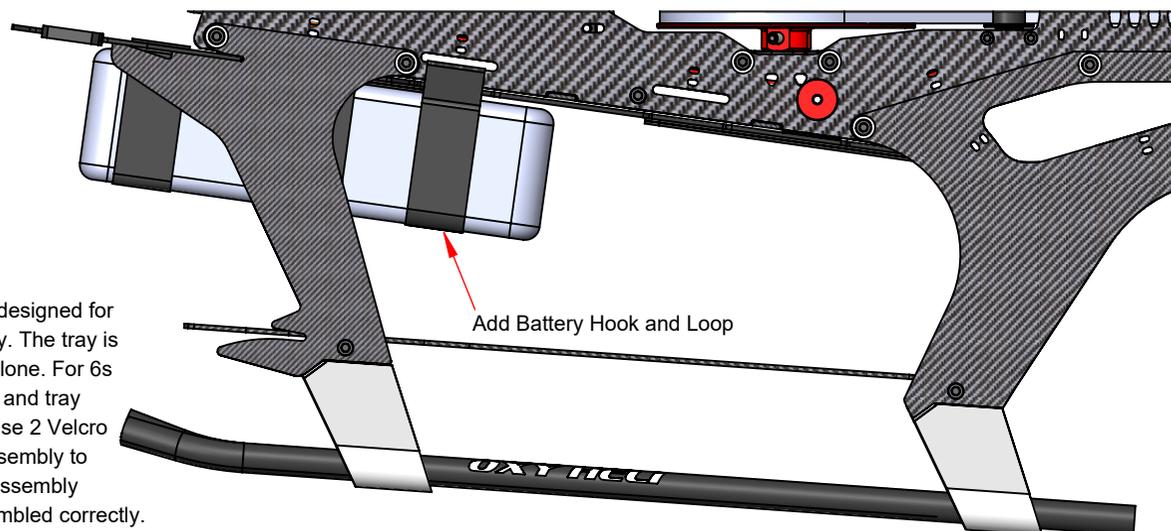
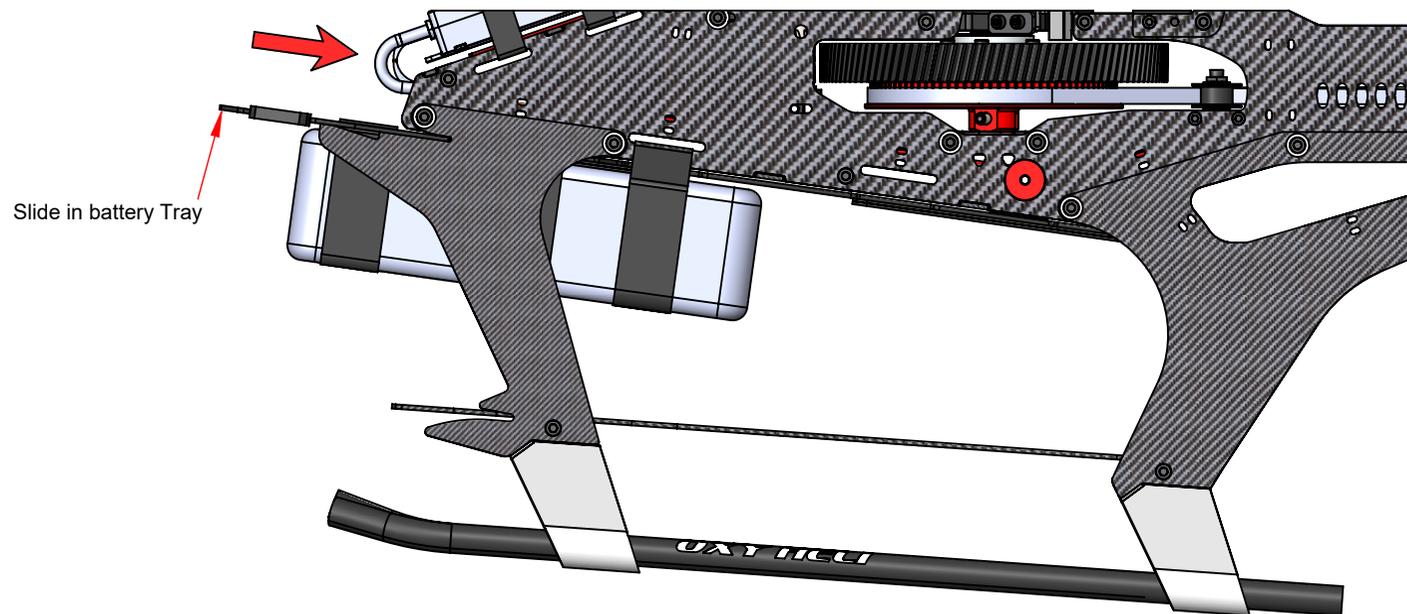




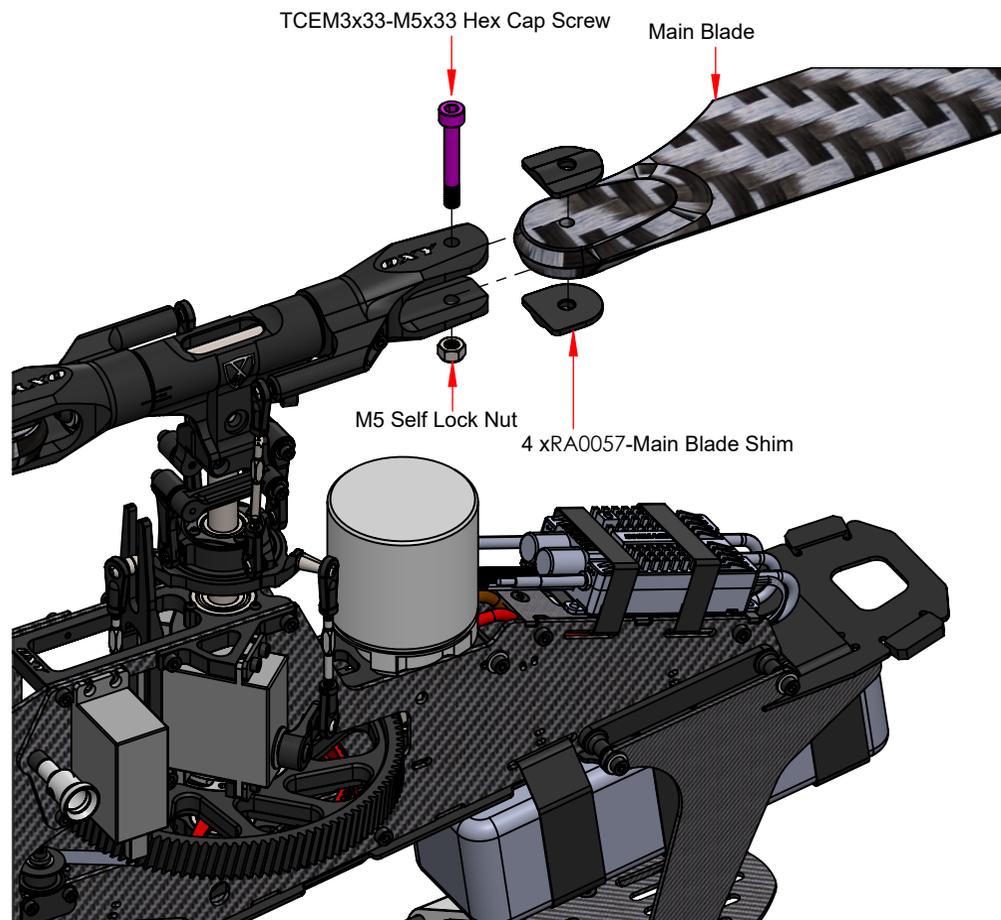
insert battery tray
to front length Step



Rotate Battery as shown



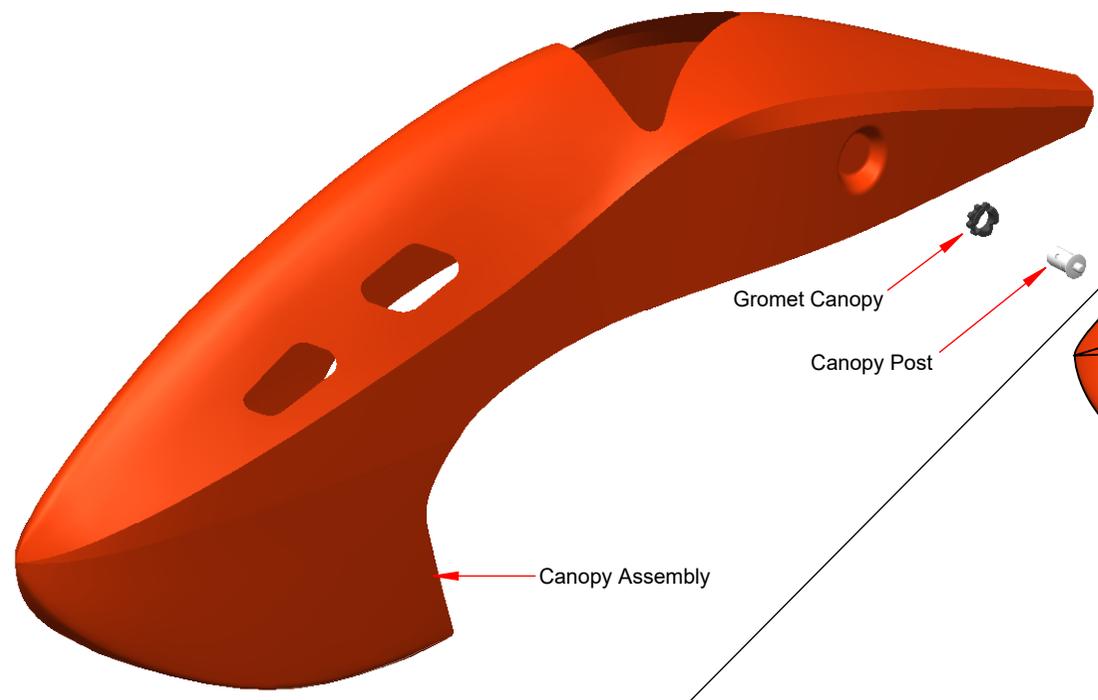
Important note: Battery tray system is designed for easy installation and removal of battery. The tray is NOT designed to support the battery alone. For 6s use one Velcro strap to secure battery and tray assembly to the main frame. For 12s use 2 Velcro straps to secure battery(s) and tray assembly to the main frame. The battery and tray assembly should have no movement when assembled correctly.



Please look at Accessories for the shims you need to adjust Main & Tail Blades thickness, in the kit have included:

- 1 Set x Main Blade Plastic Spacer = 2mm thickness
- 1 Set x Tail Blade Plastic Spacer = 1mm thickness

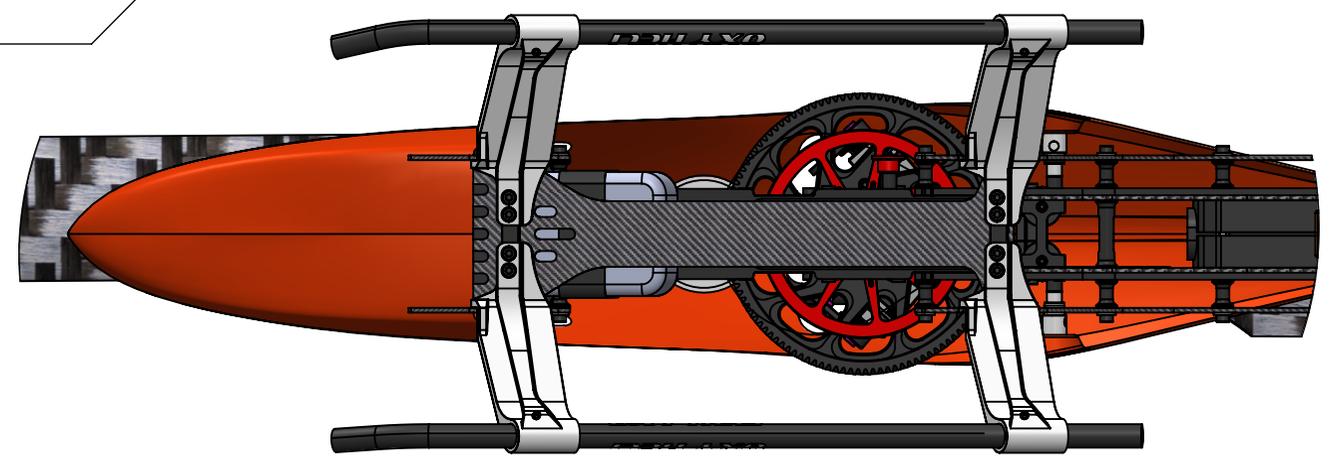
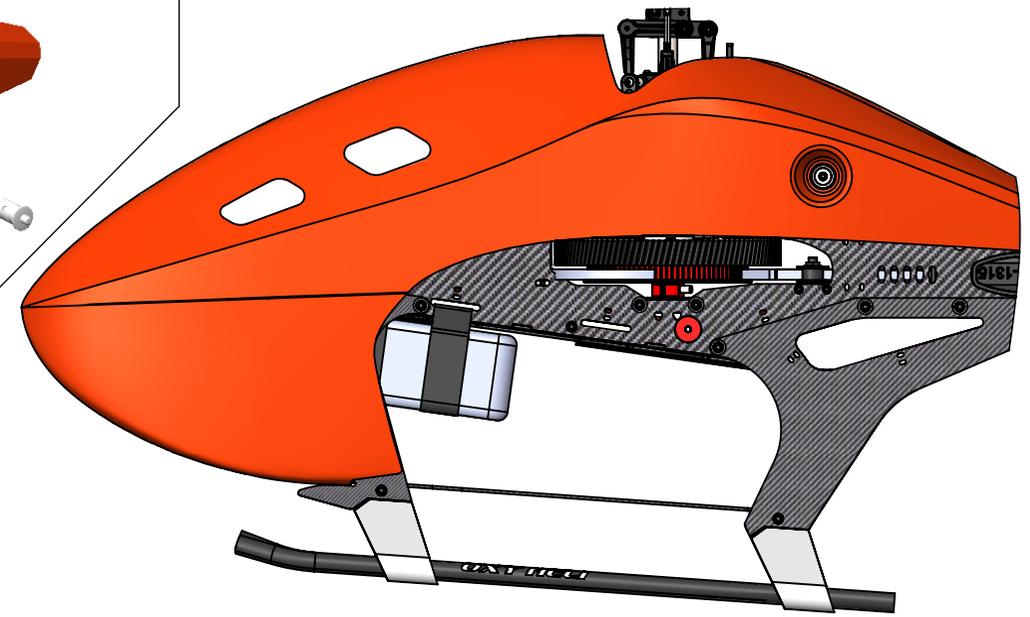


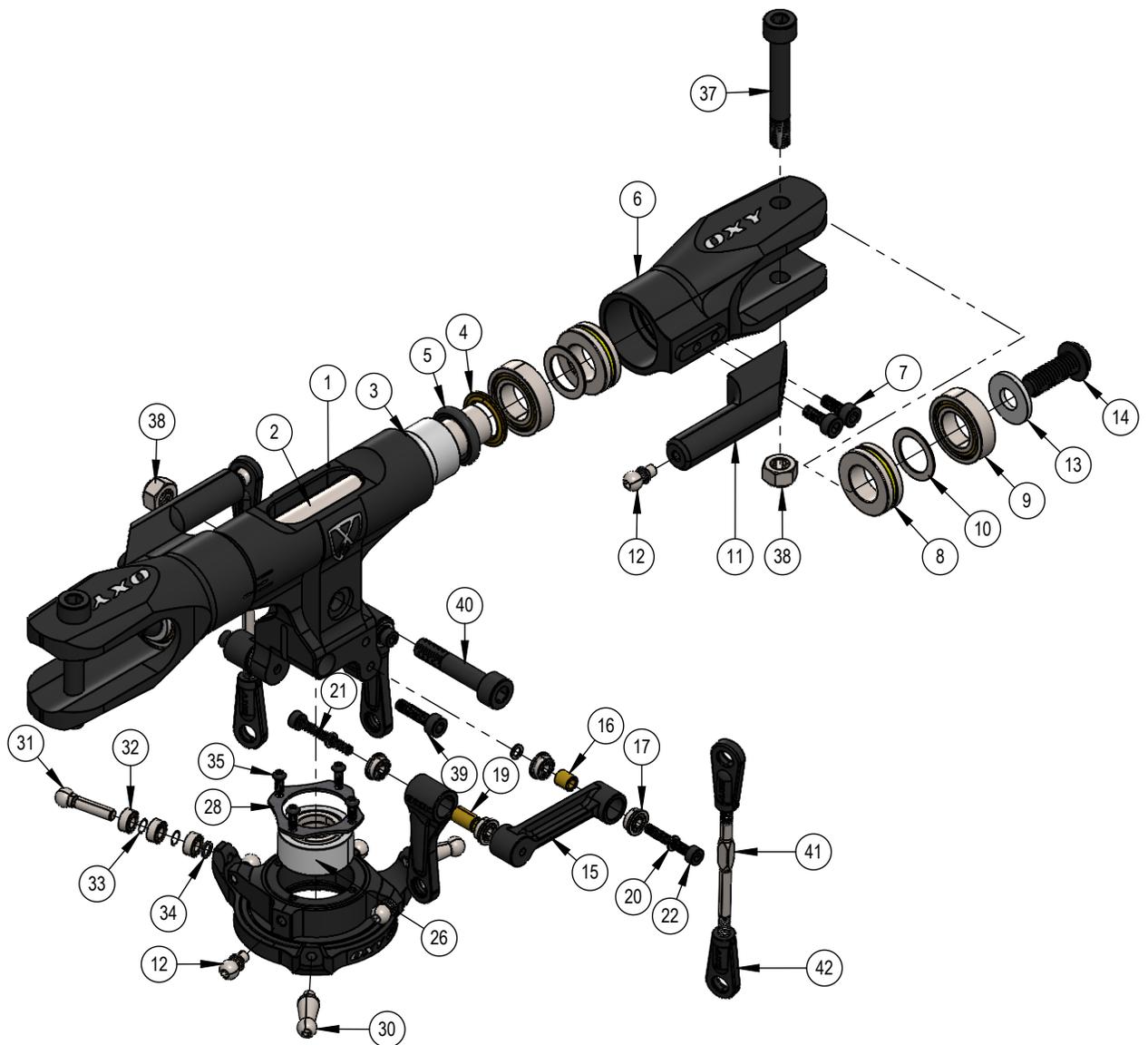


Canopy Assembly

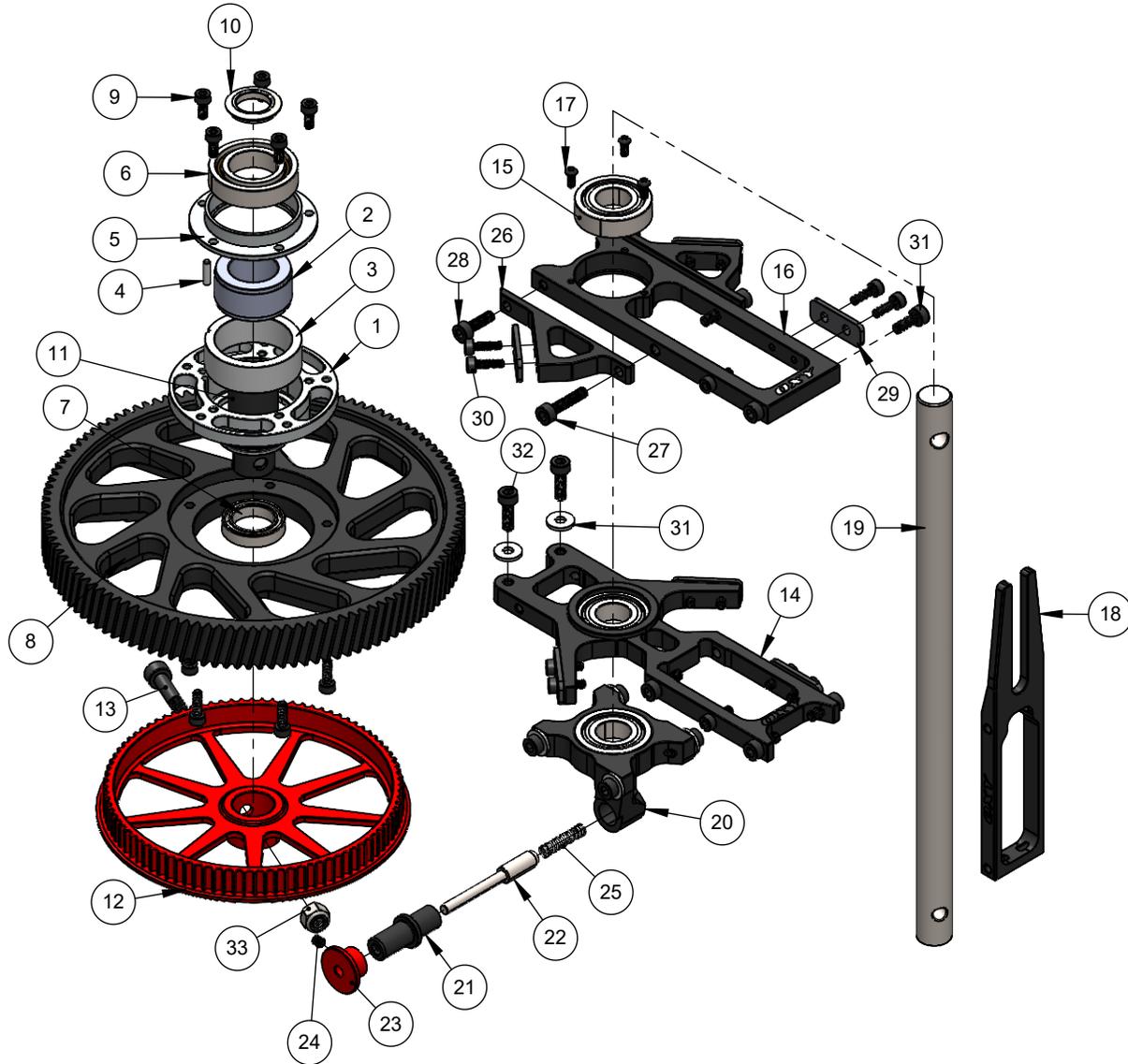
Gromet Canopy

Canopy Post

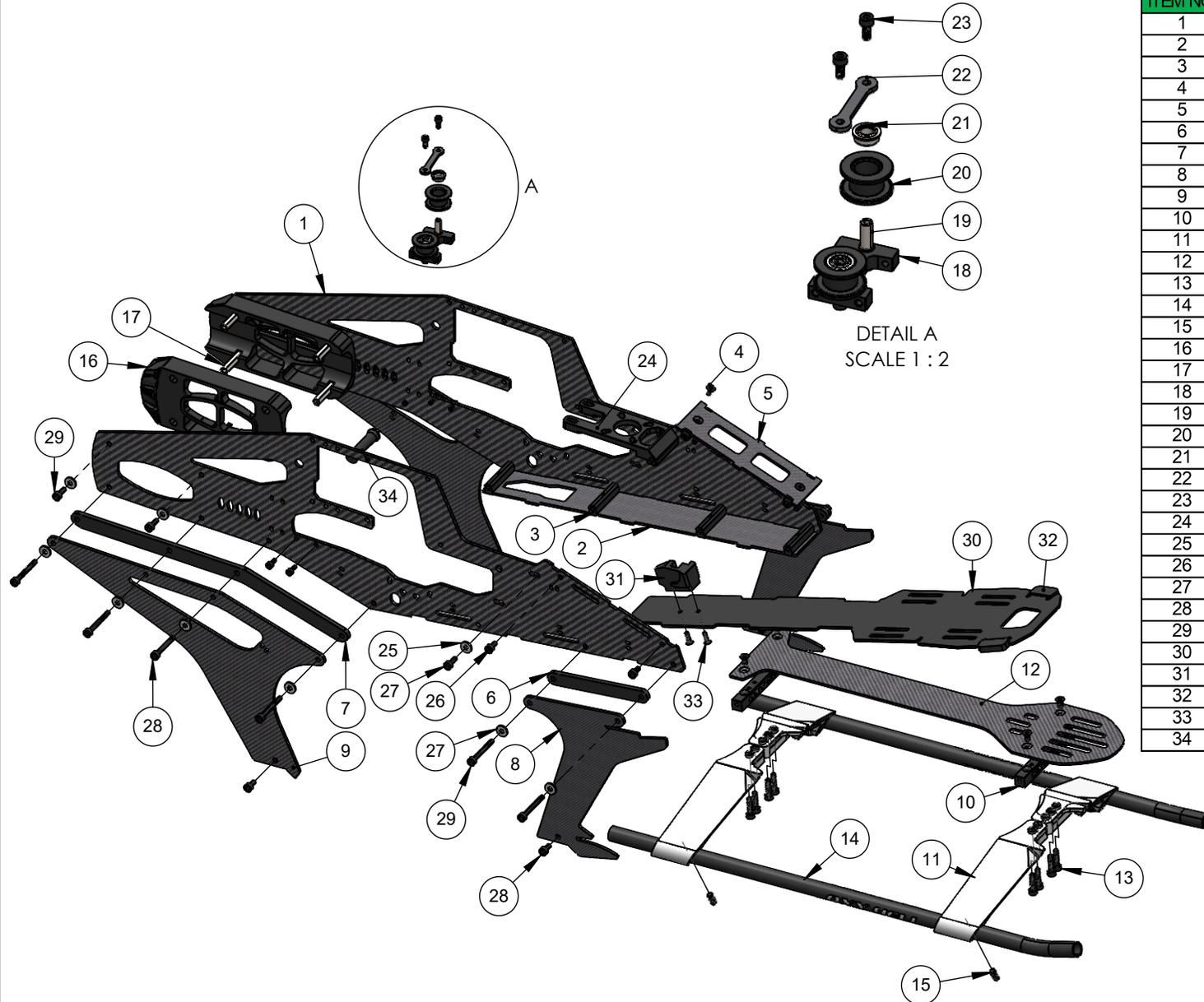




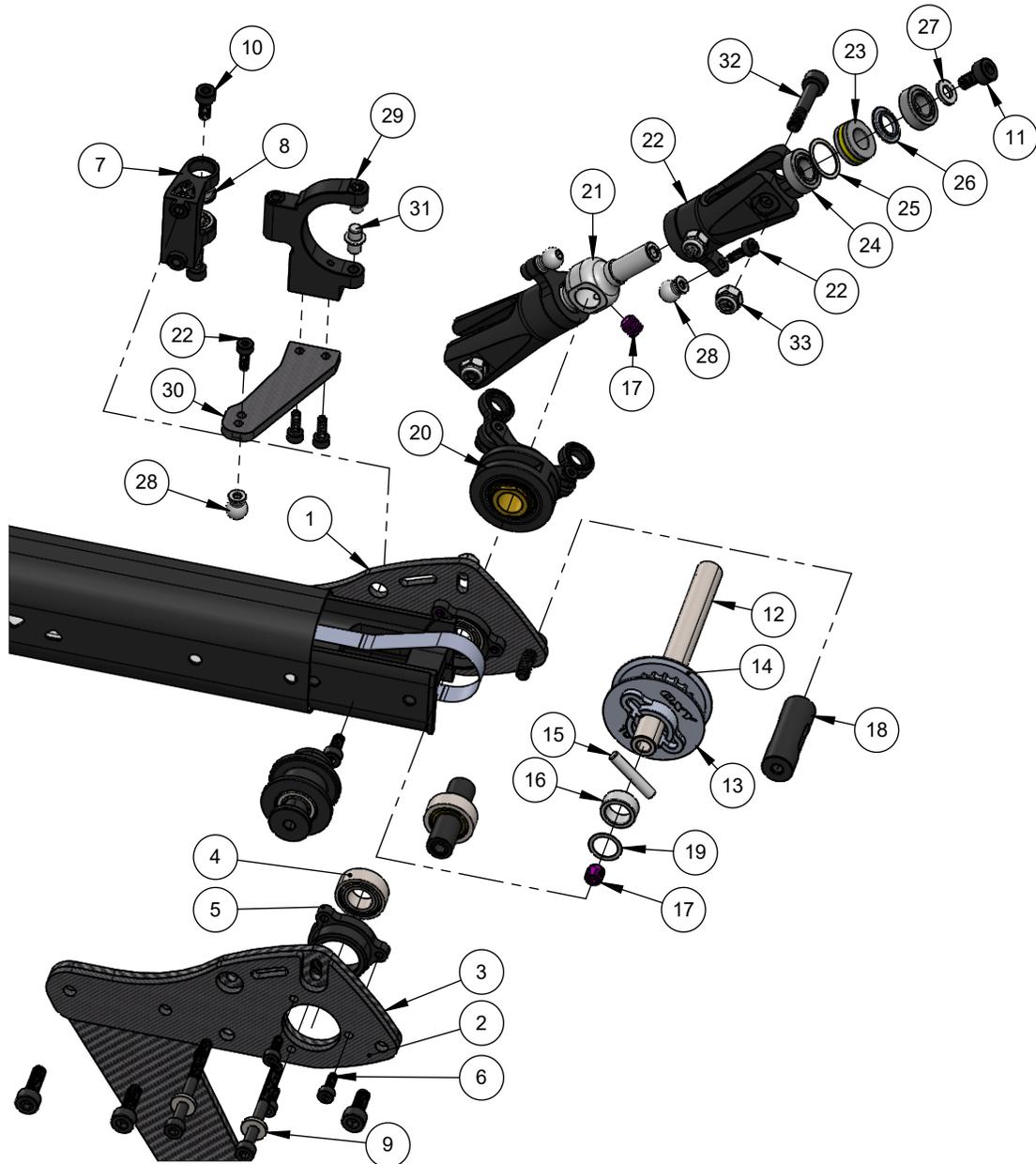
ITEM NO.	PartNo	DESCRIPTION	QTY.
1	OXY1277	OXY6 CENTER HUB	1
2	RA0058	ST-Spindle Shaft	1
3	OXY1279	OXY7 Dampener Rigid	2
4	OXY1280	OXY7 Dampener Brass Spacer	2
5	RU-0001	Oring 16x3	2
6	RA0055	AL-SI-Chr7-Main Grip	2
7	TCEM3X8	M3X8 Hex Cap Screw	4
8	TB-10x18x5.5	10x18x5.5 Thrust Bearing	4
9	RB-10x19x5	Radial Bearing 10 X 19 X 5	4
10	WA-10.2x14.5x0.5	Washer 10.2x14.5x0.5	4
11	OXY1281	OXY7 Pitch Arm	2
12	OXY1075	OXY5 Inner Linkage Ball	6
13	WA-6x14x1.2	Washer 6x14x1.2	2
14	TBEV6x10	M6x10 Button Screw	2
15	OXY1286	OXY7 Follow er Arm	2
16	OXY0881	2.5x4.5x4.5 Busing	2
17	SMF682X-ZZ	2.5x6x2.6 Flange Bearing	8
18	OXY1041	OXY5 Radius Arm	2
19	OXY0877	2.6x4x7 Bushing	2
20	OXY0870	2.5X4X0.5 Washer	6
21	TCEV2.5X18	M2.5x18 Hex Cap Screw	2
22	TCEV2.5X16	M2.5x16 Hex Cap Screw	2
23	OXY0863	OXY5 low er Sw ash Plate	1
24	OXY0865	OXY5 Upper Sw ash Plate B	1
25	OXY0864	OXY5 Upper Sw ash Plate A	1
26	OXY0867	OXY5 SW Center Ball Holder	1
27	OXY0866	OXY5 SW Center Ball	1
28	OXY0864	OXY5 Upper Sw ash Plate A	1
29	RB-30x37x4	30x37x4 Radial Bearing	1
30	OXY0832	OXY5 low er Sw ash Plate Ball	2
31	OXY0833	OXY5 Anti Rotation Ball	1
32	SMR63_ZZ	3x6x2.5 Radial Bearing	3
33	OXY0054	3X4X0.1 Shim	2
34	OXY0778	3.1x4.5x0.5 Washer	1
35	TBEV2x5	M2x5 Button Head Screw	7
36	OXY0103	WASHER M2	3
37	SH-5x34-B/SH	Hex Cap Screw M5x34	2
38	SLNM5	M5 Self Lock Nut	3
39	TCEM3X12	M3X12 Hex Cap Screw	2
40	TCEM5x25S15	M5x25 Shoulder Hex Cap Screw	1
41	OXY1284	M3x58 Turnbuckle Rod	2
42	DR1252	LINKAGE BALL	4



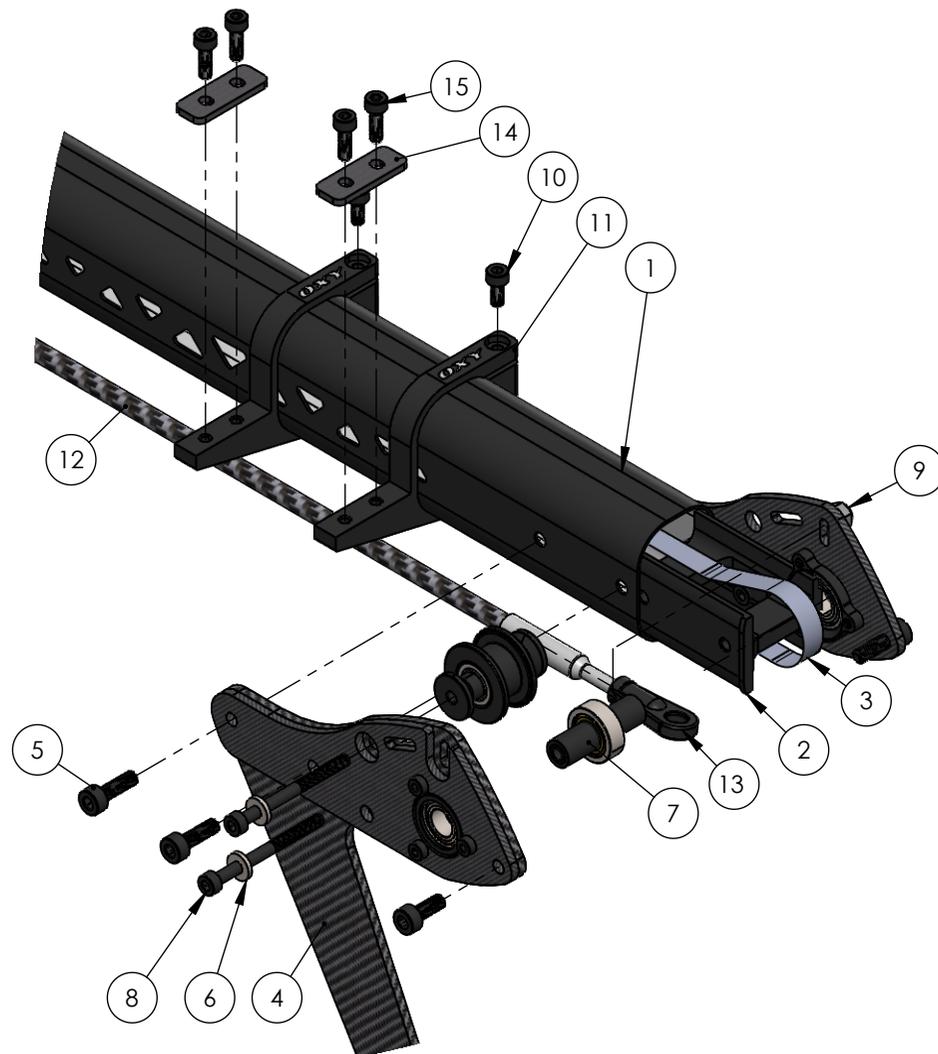
ITEM NO.	PartNo	DESCRIPTION	QTY.
1	OXY 1182	OXY 5 Meg One Way Hub	1
2	FE422Z	sprang bearing 14x22x12	1
3	RA0010	ST-One Way Case	1
4	RA0048	ST-Pin 2x8mm	1
5	RA0008	Way Mount Bearing Block	1
6	RB-14x25.4x6	14x25.4x6 Radial Bearing	1
7	MR6701_ZZ	12X18X4 RADIAL BEARING	1
8	OXY 1291	115T Main Gear	1
9	TCEM2.5X6	M2.5X6 Hex Cap Screw	12
10	OXY 1144	OXY5 One Way Ring	1
11	OXY 1140	OXY5- Main Gear Sleeve	1
12	OXY 1292	OXY FLASH Main Pulley 90T	1
13	TCEM4x20	Hex cap Screw	1
14	OXY0850	OXY5 Middle Bearing Block	1
15	SMR6900_ZZ	10x22x6 Radial Bearing	3
16	OXY0849	OXY5 Upper Bearing Block	1
17	TBEM2x5	M2x5 Button Head Screw	3
18	OXY0848	OXY5 Anti Rotation Guide	1
19	OXY 1278	OXY690 Main Shaft	1
20	OXY 1129	OXY5 -low er bearing block	1
21	OXY 1069	Quick Release Bushing	1
22	OXY 1073	OXY5 Quick Release Pin	1
23	CP0040	AL-RE-Battery Quick Release Button	1
24	SCM3x3	Set Screw M3x3	1
25	OXY 1089	Quick Release Spring	1
26	OXY0853	OXY5 Front STD Servo Support	2
27	TCEM3X14	M3X14 Hex Cap Screw	2
28	TCEM3X10	M3X10 Hex Cap Screw	5
29	OXY 1087	OXY5 Servo Tab	6
30	TCEM2.5X8	M2.5X8 Hex Cap Screw	14
31	OXY 1072	Washer 3x8x1	6
32	TCEM3X8	M3X8 Hex Cap Screw	8
33	SLNM4	M4 Self Lock Nut	1



ITEM NO.	PartNo	DESCRIPTION	QTY.
1	OXY1203	OXY6 Main Frame	2
2	OXY0963	OXY5 Middle CF Frame Plate	1
3	OXY0978	OXY5 FRAME SPACER	6
4	FHSM3X6	M3X6 Flat Head Screw	10
5	OXY0962	OXY5 ESC TRAY PLATE	1
6	OXY1297	OXY 690 Front Spacer	2
7	OXY1296	OXY 690 Rear Spacer	2
8	OXY1300	OXY690 Front Length	2
9	OXY1301	OXY690 Rear Length	2
10	OXY1293	OXY690 Landing Gear Support	2
11	OXY1161	OXY5- PL Landing Gear Support	2
12	OXY1299	OXY690 Bottom Plate	1
13	TCEM3X12	M3X12 Hex Cap Screw	8
14	OXY1273	OXY5 Nitro Tube 350mm Length	2
15	SCM4X10	M4x10 Flat-Tip Set Screw	4
16	OXY1034	OXY5- Boom Clamp Moulded	2
17	OXY0979	OXY5 HEX ROD 5 X 28	4
18	OXY0985	FRONT PULLEY SUPPORT	1
19	OXY0984	OXY5 STD Front Pulley Guide Belt Pin	2
20	OXY1320	OXY690 Pulley Guide Belt	2
21	MF84_ZZ	4x8x3-flange bearing	4
22	OXY0860	BELT PULLEY BRIDGE	1
23	TCEM2.5X6	M2.5X6 Hex Cap Screw	8
24	OXY1298	OXY690 Motor Mount	1
25	OXY1072	Washer 3x8x1	18
26	TCEM3X6	M3X6 Hex Cap Screw	8
27	TCEM3X8	M3X8 Hex Cap Screw	6
28	TCEM3X25	M3X25 Hex Cap Screw	10
29	TCEM3X22	M3X22 Hex Cap Screw	2
30	OXY1325	OXY Flash Battery Tray	1
31	OXY1066	OXY5 Battery Hook	1
32	OXY1125	OXY5 Battery Notch	2
33	FHSM2.5X8	M2.5X8 Flat Head Screw	2
34	OXY1333	FLASH Rear Frame Spacer	1



ITEM NO.	PartNo	DESCRIPTION	QTY.
1	OXY 1327	OXY Flash Right Tail Case	1
2	OXY 1328	OXY Flash Vertical Fin Rainfore	1
3	OXY 1326	OXY Flash Vertical Fin	1
4	OXY 1003	OXY5- Tail Bearing Bushing	2
5	MR126_ZZ	6x12x4 Radial Bearing	2
6	TCEM2X5	M2X5 Hex Cap Screw	6
7	OXY0818	OXY5 Tail Bell Crank Support	1
8	SMF682X-ZZ	2.5x6x2.6 Flange Bearing	2
9	OXY0332	M2.5 Washer	1
10	TCEM2.5X6	M2.5X6 Hex Cap Screw	3
11	TCEM3X6	M3X6 Hex Cap Screw	2
12	OXY0812	OXY5 Tail Shaft	1
13	OXY 1321	OXY690 18T Tail Pulley	1
14	OXY 1324	OXY690 Flange Tail Pulley	1
15	OXY 1059	2.5x14 Dowel Pin	1
16	OXY 1061	Bushing 6x8.5x3.6	1
17	SCM4X4	M4x4 Flat-Tip Set Screw	2
18	OXY0821	OXY5 Tail Case Rod	1
19	OXY0040	6X8X0.1 SHIM	1
20	OSP-1328	OXY5 Tail Pitch Slider	1
21	OXY0811	OXY5-Tail Hub	1
22	OXY 1319	OXY RSR Tail Grip	2
23	F5-10M	5x10x4 Thrust Bearing	2
24	MR105	5x10x3 Radial Bearing	4
25	OXY0039	8X10X0.2 SHIM	2
26	OXY0807	OXY5 Tail Grip Spacer	2
27	OXY 1036	3x6x1 Washer	2
28	OXY0874	5mm Servo Ball	3
29	OXY0817	OXY5 Tail Bell Crank	1
30	OXY0977	BELL CRANK ARM	1
31	OXY 1058	OXY5 - Tail Bell Crank Pin	2
32	TCEM3X16S10	M3X16 10mm Shouldered Hex Cap Screw	2
33	SLNM3	M3 Self Lock Nut	2



ITEM NO.	PartNo	DESCRIPTION	QTY.
1	OXY 1282	OXY 690 Tail Boom	1
2	OXY0822	OXY5 Tail Boom Insert	1
3	OXY 1317	HTD3M 2046 Timing Belt 5.5mm	1
4	OXY1326	OXY Flash Vertical Fin	1
5	TCEM3X10	M3X10 Hex Cap Screw	2
6	OXY0332	M2.5 Washer	2
7	OSP-1453	Tail-Tensioner	1
8	TCEM2.5X30S16	M2.5x30 Shoulder Hex Cap Screw	2
9	SLNM2.5	M2.5 Self Lock Nut	1
10	TCEM2.5X6	M2.5X6 Hex Cap Screw	2
11	OXY0802	OXY5 AL Tail Servo Mount	2
12	OSP-1539	OXY Flash -Tail Push Rod	1
13	DR1252	TREX 700-LINKAGE BALL	2
14	OXY 1087	OXY5 Servo Tab	2
15	TCEM2.5X8	M2.5X8 Hex Cap Screw	4



OSP-1535
OXY Flash Center Hub



- 1 x Center Hub
- 2 x M3x14 Hex Cap Screw
- 1 x M5x23 Hex Cap Screw
- 1 x M5 Self Lock Nut

OSP-1548
OXY Flash - Main Grip



- 1 x Main Grip
- 2 x 10x19x5 Radial Bearing
- 1 x M5x34 Hex Cap Screw
- 1 x 10x18x5.5 Thrust Bearing
- 1 Spacer 10x14x0.5

OSP-1551
OXY RSR - Main Grip Bearing Service Bag



- 4 x 10x19x5 Radial Bearing
- 4 x 10x18x5.5 Thrust Bearing
- 4 Spacer 10x14x0.5

OSP-1534-
OXY Flash Rigid Dampener



- 2 x POM Dampener
- 2 x O-ring OD16 w3 80 shore
- 2 x shim 10x14x0.1

OSP-1554-
Oring 16x3 70 Shore



- 12 x O-ring OD16 w3 80 shore

OSP-1550
OXY Flash -Spindle Shaft



- 1 x Spindle
- 2 x Spacer 6x14x1.5
- 2 x M6x10 Button Screw

OSP-1516
OXY Flash Follower Arm



- 1 Set follower Arm

OSP-1274
OXY5 - Radius Arm



- 1 Set Radius Arm

OSP-1275
OXY5 Pitch Arm Ball Linkage



- 5 x 5mm Pitch Ball

OSP-1529
OXY Flash Pitch Arm



- 2 x 54mm Turnbuckle Rod

OSP-1277
OXY5 - Plastic Linkage Ball



- 10 x Plastic Ball Linkage

OSP-1278
OXY5 - Swashplate



1 x Swash Plate

OSP-1279
OXY5 Swashplate Swivel Ball



1 x Center Ball 1 CF Cover
4 x Pitch Ball
2 x Lower SW Ball
1 x Anti Rotation Ball
3 x M2x5 Button Screw

OSP-1528
OXY Flash Spindle Step Spacer,Set



1 x Spindle Step Spacer

OSP-1533
OXY Flash Main Shaft



1 x Main Shaft
1 x M5x23 Hex Cap Screw
1 x M5 Self Lock Nut

OSP-1531
OXY Flash Grip Arm



1 x Grip Arm
1 x M3x8 Hex Cap Screw
1 x Pitch Ball

M5x23CS-5
Hex Cap Shoulder Screw M5x23, 5PCS



5 x M5x23 Shouldred Hex Cap Screw

OSP-1552
M5x33 Shoulder Hex Cap Screw



5 x M5x34 Shouldred Hex Cap Screw

M3x14CS-10
Hex Cap Screw M3x14, 10 PCS



10 x M3x14 Hex Cap Screw

M2.5x18CS-10
Hex Cap Screw M2.5x18, 10 PCS



10 x M2.5x18 Hex Cap Screw

WM25-40-05
Washer 2.5x4 W0.5, 10pcs



10 x 2.5x4x0.5 Washer

RSP-0105
M5 Self Lock Nut



5 x M5 Self Lock Nut

OSP-1280
OXY5 - Blade Holder



1 x Blade Holder

OSP-1549
OXY Flash - Main Blade Spacer



4 x Plastic Main Blade Spacer



OSP-1283-OXY5
Upper Bearing Block



- 1 x Upper Bearing Block
- 1 x 10x22x6 Radial Bearing
- 2 x M3x8 Hex Cap Screw
- 2 x M3x10 Hex Cap Screw
- 1 x M2.5x8 Hex Cap Screw
- 2 x M2.5x12 Hex Cap Screw

OSP-1286
OXY5 Standard Servo Support



- 1 x Front Servo Arm Support
- 2 x M2.5x8 Hex Cap Screw

OSP-1284
OXY5 Middle Bearing Block



- 1 x Middle Bearing Block
- 1 x 10x22x6 Radial Bearing
- 2 x M3x8 Hex Cap Screw
- 2 x M3x10 Hex Cap Screw
- 5 x M2.5x8 Hex Cap Screw
- 2 x M2.5x12 Hex Cap Screw

OSP-1285
OXY5 Lower Bearing Block



- 1 x Lower Bearing Block
- 1 x 10x22x6 Radial Bearing
- 4 x M3x8 Hex Cap Screw
- 4 x 3x8x1 Washer

OSP-1346
OXY5 Quick Release Canopy Pin



- 1 x Batter Tray Lock Pin
- 1 x Release Battery Nut
- 1 x Set Screw M3x4
- 1 x Spring 3x25
- 1 x Bushing

OSP-1288
OXY5 Front Boom Mount



- 2 x Boom Clamp
- 4 x 5mm Hexagon Rod
- 4 x M3 x8 Hex Cap Screw
- 1 x M3x22 Hex Cap Screw
- 1 x Frame Bushing

OSP-1289
OXY5 Antirotation Guide



- 1 x Anti rotation Guide
- 2 x M3x10 Hex Cap Screw
- 2 x M3x14 Hex Cap Screw

OSP-1290
OXY5 ESC Plate



- 1 ESC Tray Set

OSP-1291
OXY5 Middle Frame Plate



- 1 CF Middle Tray

OSP-1526
OXY Flash Battery Tray



- 1 Battery Tray Plate

OSP-1456
OXY5 Sprag One Way Hub, Set



- 1 Main Gear Hub Assembly

<p>OSP-1335 OXY5 - 45mm Turnbuckle Rod</p>  <p>45mm Turnbuckle Rod, 3Pcs</p>	<p>OSP-1277 OXY5 Plastict Linkage Ball, 10Pcs</p>  <p>Plastict Linkage Ball, 10Pcs</p>	<p>OSP-1339 OXY5 Servo Ball</p>  <p>Servo Ball, 5pcs</p>	<p>OSP-1354 3x8x1-Washer</p>  <p>3x8x1-Washer, 10pcs</p>	<p>M2x6CS-10 Hex Cap Screw M2x6, 10 PCS</p>  <p>M2x6 Hex Cap Screw, 10pcs</p>
<p>M2.5x8CS-10 Hex Cap Screw M2.5x8, 10 PCS</p>  <p>Hex Cap Screw M2.5x8, 10 PCS</p>	<p>M2.5x10CS-10 Hex Cap Screw M2.5x10, 10 PCS</p>  <p>Hex Cap Screw M2.5x10, 10 PCS</p>	<p>M2.5x12CS-10 Hex Cap Screw M2.5x12, 10 PCS</p>  <p>Hex Cap Screw M2.5x12, 10 PCS</p>	<p>M2.5x14CS-10 Hex Cap Screw M2.5x14, 10 PCS</p>  <p>Hex Cap Screw M2.5x14, 10 PCS</p>	<p>M3x6CS-10 Hex Cap Screw M3x6, 10PCS</p>  <p>Hex Cap Screw M3x6, 10PCS</p>
<p>M3x8CS-10 Hex Cap Screw M3x8, 10 PCS</p>  <p>Hex Cap Screw M3x8, 10PCS</p>	<p>M3x10CS-10 Hex Cap Screw M3x10, 10 PCS</p>  <p>Hex Cap Screw M3x10, 10PCS</p>	<p>M3x14CS-10 Hex Cap Screw M3x14, 10PCS</p>  <p>Hex Cap Screw M3x14, 10PCS</p>	<p>M3x22CSFT-10 Hex Cap Screw M3x22, 10PCS</p>  <p>Hex Cap Screw M3x25, 10PCS</p>	<p>OSP-1338 10-x22x6-Radial-Bearing</p>  <p>10x22x6 Radial Bearing</p>

<p>OSP-1524 OXY Flash Main Gear</p>  <p>1 x Main Gear</p>	<p>OSP-1536 OXY Flash 90T Main Pulley</p>  <p>1 x Front Pulley</p>	<p>OSP-1429 OXY5 Sprag OWH Sleeve</p>  <p>1 x Main Gear Sleeve</p>	<p>OSP-1417 OXY5 - Plastic Landing Gear Strut, Black</p>  <p>1 x Landing Gear Support Set</p>	<p>OSP-1532 OXY-Flash-Bottom-Plate</p> 
<p>OSP-1482 Nitrox 5 Plastic Landing Gear, Tube</p>  <p>Landing Gear Tube, Set</p>	<p>OSP-1541 OXY Flash Plastic Landing Gear Support</p>  <p>2PC Landing Gear Support</p>	<p>OSP-1515 OXY-Flash-Main-Frame</p>  <p>1 x Main Frame</p>	<p>OSP-1522 OXY Flash Front Length</p>  <p>Front Length, Set</p>	<p>OSP-1514 OXY Flash Back Length</p>  <p>Rear Length, Set</p>
<p>OSP-1305 OXY5 Std CF Canopy Mount Plate</p>  <p>Canopy Mount Plate, Set</p>	<p>OSP-1306 OXY5 Quick Release canopy</p>  <p>Quick Release Canopy, Set</p>	<p>OSP-1431 Sprag One Way Bearing</p>  <p>1 x Sprag One Way Bearing</p>	<p>OSP-1311 OXY5 Servo Arm F</p>  <p>Servo Arm, 5pcs</p>	<p>OSP-1318 OXY5 Front Pulley Guide Belt Support</p>  <p>Front Pulley Guide Belt Support</p>



OSP-1537
OXY Flash Front Pulley Guide Belt

OXY Flash Front Pulley Guide Belt, Set



OSP-1525
OXY Flash Motor Mount

1 x OXY Flash Motor Mount



OSP-1349
OXY5 Servo Tab

Servo tab, 10pcs



OSP-1542
OXY 5 -OXY Flash
Motor Shaft Extra Support

1 x Thirst Motor Mount
1 x 5x13x4 Flange Bearing
1 x 6x13x5 Flange Bearing
4 x M3x12 Hex Cap Screw
4 x M4x12 Hex Cap Screw



OSP-1543
OXY Flash Motor Shaft Extra Bracketing

1 x Motor Mount Support
2 x 3x8x1 Washer
3 x M3x8 Hex Cap Screw



OSP-1544
OXY Flash Front-Frame-Spacer

OXY Flash Front Frame Spacer



OSP-1545
OXY Flash Rear-Frame-Spacer

OXY Flash Rear Frame Spacer



OSP-1362
OXY5 - Pinion 11T - 6mm Motor Shaft

1 x Pinion 11T



OSP-1312
OXY5 12T 6mm Pinion

1 x Pinion 12T



OSP-1313
OXY5 - Pinion 13T - 6mm Motor Shaft

1 x Pinion 13T



OSP-1314
OXY5 - Pinion 14T - 6mm Motor Shaft

1 x Pinion 14T



OSP-1361
OXY5 - Pinion 11T - 5mm Motor Shaft

1 x Pinion 11T



OSP-1358
OXY5 12T 5mm Pinion

1 x Pinion 12T



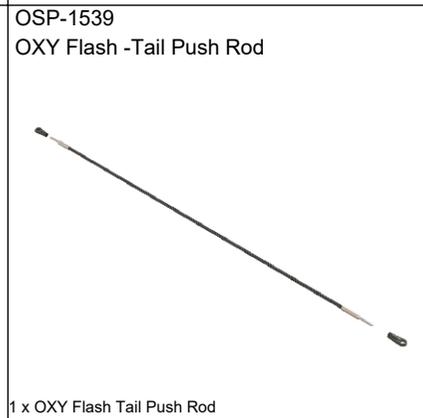
OSP-1359
OXY5 13T 5mm Pinion

1 x Pinion 13T



OSP-1360
OXY5 - Pinion 14T - 5mm Motor Shaft

1 x Pinion 14T





1 x 20T Pulley



1 x Tail Pitch Slider



2 x Plastic Link Control, Spare



1 x Bell Crank Support, Se



1 x Tail Bell Crank



1 x HTD3M 2046mm Timing Belt



1 x Tail Grip



2 x Thrust Bearing 5x10x4
4 x Radial Bearing 5x10x3
2 x Shim 8x10x0.2
2 x Tail Grip Spacer



4 x 1mm Tail Blade Spacer



2 x 6x12x4 Radial Bearing



1 x CF Arm
1 x ball
3 x M2x6 Hex Cap Screw



M2.5x30 Hex Cap Screw



M3x6CS-10 Hex Cap Screw M3x6, 10PCS



M3x8CS-10 Hex Cap Screw M3x8, 10PCS



M2.5x6CS-10 Hex Cap Screw M2.5x6, 10PCS

M2x6CS-10
Hex Cap Screw M2x6, 10 PCS



Hex Cap Screw M2x6, 10 PCS

SP-OXY3-054
OXY3 Battery Hook & Loop, 2 Set



Battery Hook & Loop, 2 Set

LX0194
10/15mm Electronic Hook & Loop



Electronic Hook & Loop

LX5242
Omicron Threadlocker Medium Strength



LX5648 - Omicron Retaining Compound High Strength Bonding



SP-OXY3-055
OXY3 Double Side Adhesive Tape, 2PC



Double Side Adhesive Tape, 2PC

SP-OXY3-057 - Cable Ties Set



LX0169 - 8/10mm Spindle Shaft Wrench



OSP-1363-OXY5-300mm Battery Velcro



OSP-1364-OXY5-255mm Battery Velcro

