

PRÔTOS

Instructions Manual

Carbon



Main rotor diameter : 965mm
Tail rotor diameter : 192mm
Lenght without main blades : 955mm
Lenght with main blades : 1185mm
Main blades lenght : 425mm to 470mm
Overall height : 270mm
Pinion : 14T
Main pulley : 93T
Weight ready to fly with 6sLipo : 1550g (may vary with different electronics)

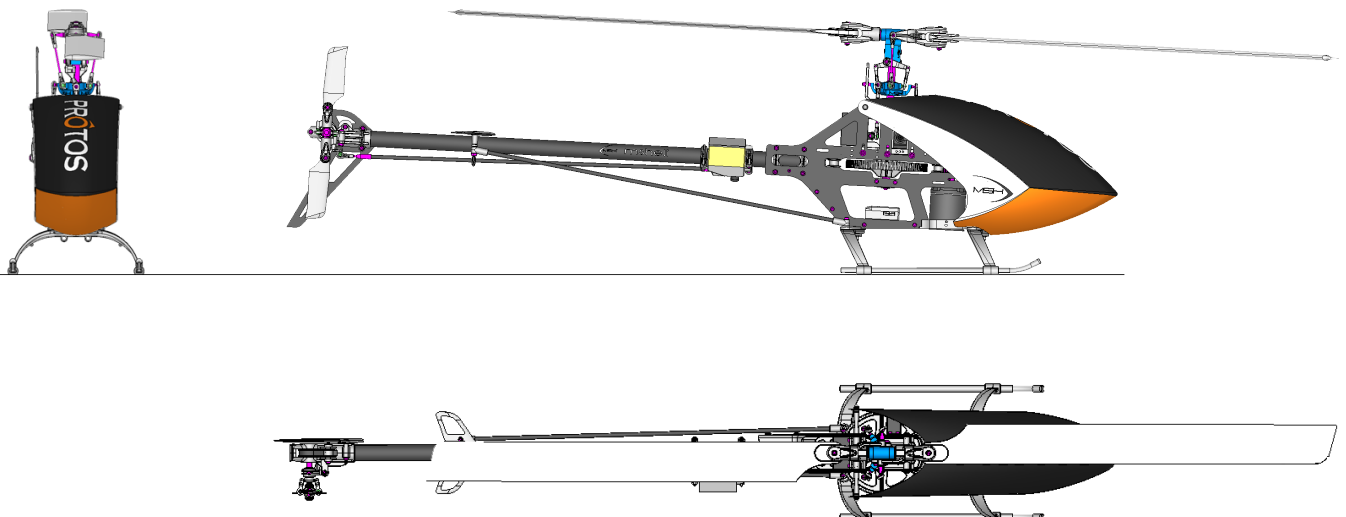
RC Helicopter

PRÔTOS

Instructions Manual

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Always follow these rules for safety

Operate the helicopter in open areas with no people nearby.

Do NOT operate the helicopter in the following places and situations (or else you risk severe accidents):

- in places where children gather or people pass through
- in residential areas and parks
- indoors and in limited space
- in windy weather or when there is rain, snow, fog or other precipitation

If you do not observe these instructions you may be held liable for personal injury or property damage!

Always check the R/C system prior to operating your helicopter.

When the R/C system batteries get weaker, the operational range of the R/C system decreases.

Note that you may lose control of your model when operating it under such conditions.

Keep in mind that other people around you might also be operating a R/C model.

Never use a frequency which someone else is using at the same time.

Radio signals will be mixed and you will lose control of your model.

If the model shows irregular behavior, bring the model to a halt immediately and disconnect the batteries. Investigate the reason and fix the problem.

Do not operate the model again as long as the problem is not solved, as this may lead to further trouble and unforeseen accidents.

In order to prevent accidents and personal injury, be sure to observe the following:

Before flying the helicopter, ensure that all screws are tightened.

A single loose screw may cause a major accident.

Replace all broken or defective parts with new ones, as damaged parts lead to crashes.

Never approach a spinning rotor. Keep at least 10 meters/yards away from a spinning rotor blades.

Do not touch the motor immediately after use. It may be hot enough to cause burns.

Perform all necessary maintenance.

PRIOR TO ADJUSTING AND OPERATING YOUR MODEL, OBSERVE THE FOLLOWING

Operate the helicopter only outdoors and out of people's reach as the main rotor operates at high rpm!

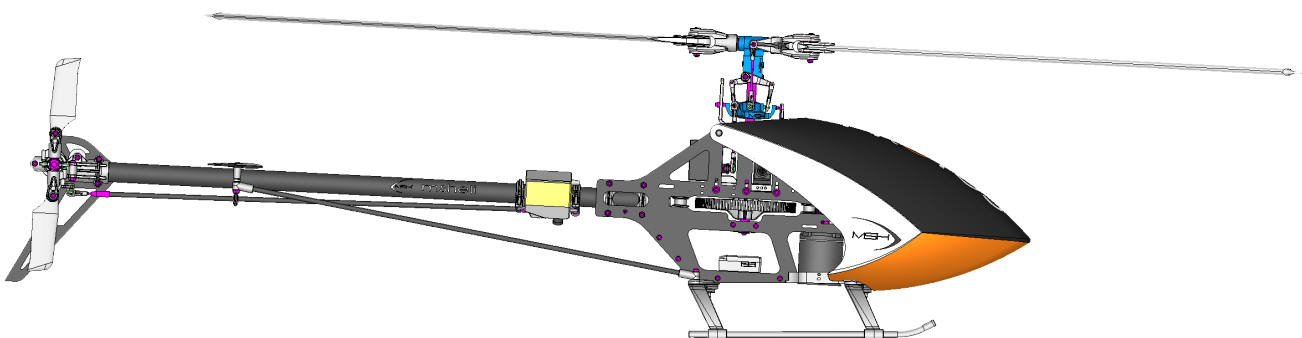
While adjusting, stand at least 10 meters

Novice R/C helicopter pilots should always seek advice from experienced pilots to obtain hints with assembly and for pre-flight adjustments.




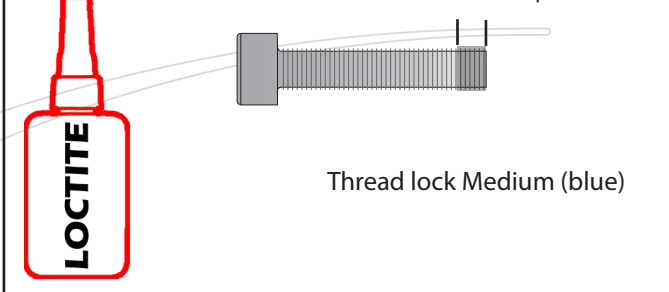
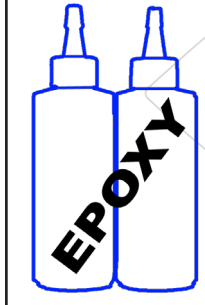
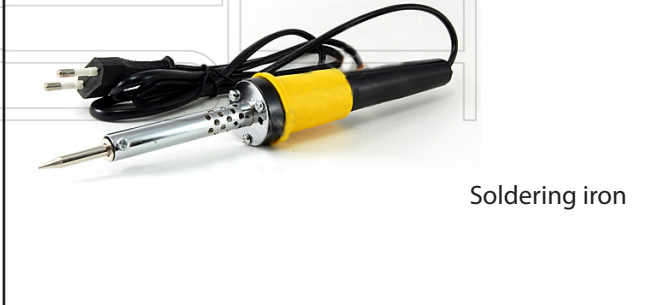
Note that a badly assembled or insufficiently adjusted helicopter is a safety hazard!

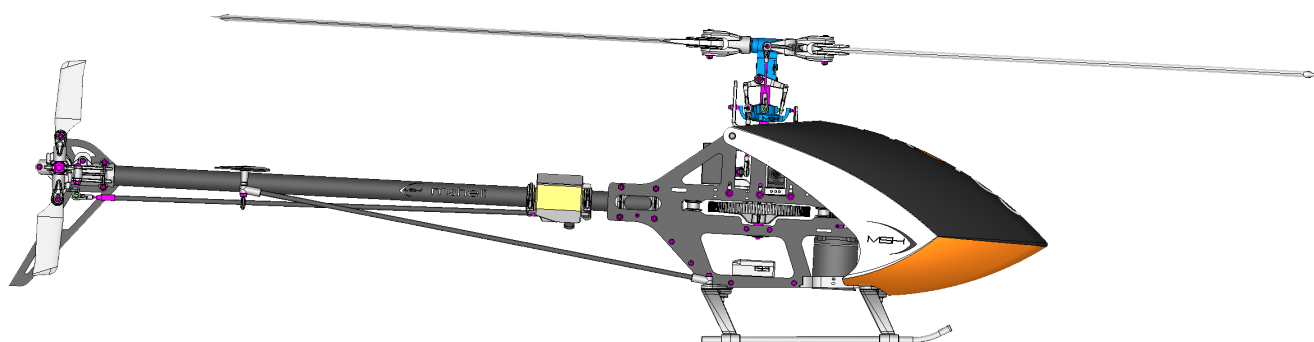
In the beginning, novice R/C helicopter pilots should always be assisted by an experienced pilot and never fly alone!

MSHeli Srl
Italy



Tools required for assembly

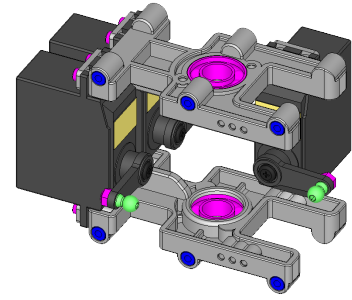
 <p>1.5 / 2 / 2.5 mm Hexagon screw drivers</p>	 <p>Philips Screw driver</p>
 <p>Needle nose pliers</p>	 <p>Glue width 2mm approx. Thread lock Medium (blue)</p>
 <p>Slow curing epoxy</p>	 <p>Soldering iron</p>



R/C equipment required for assembly

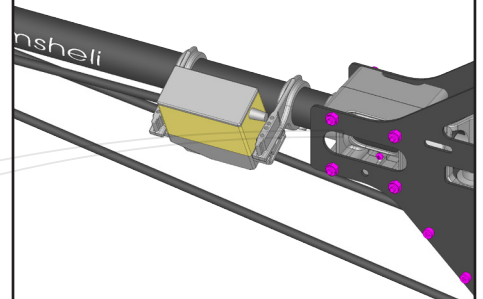
Swashplate servos supported:

Mini servos



Tail servo supported:

Mini and Regular size servos



Transmitter / Receiver:

Satellites:

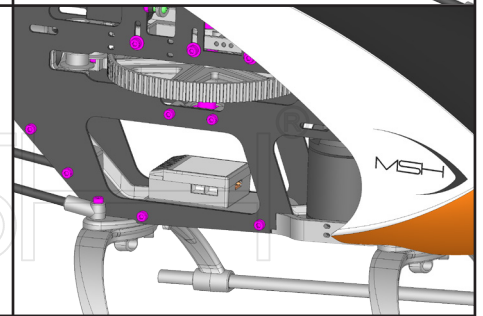
Spektrum : DSM 2 - DSM X

Futaba : S-Bus - S-Bus 2

HOTT SumD

MPX Srxl

Standard receiver: all

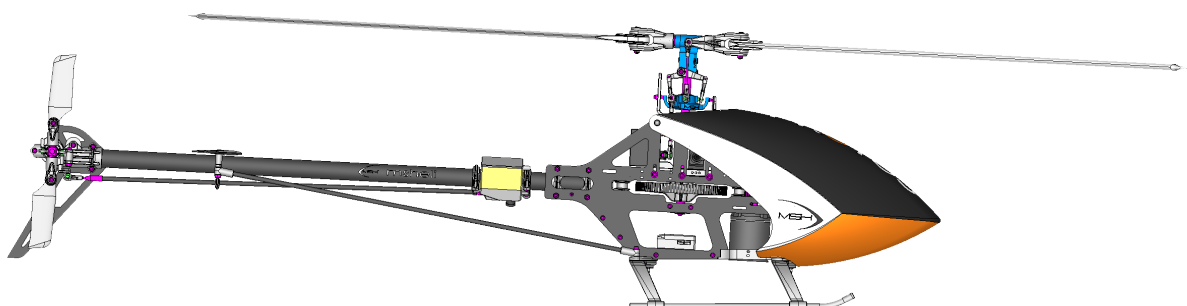
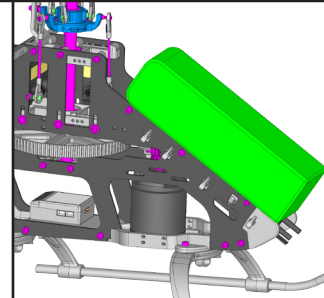


Battery pack:

LiPo 4s 3700mAh

LiPo 5s 3300/3700mAh

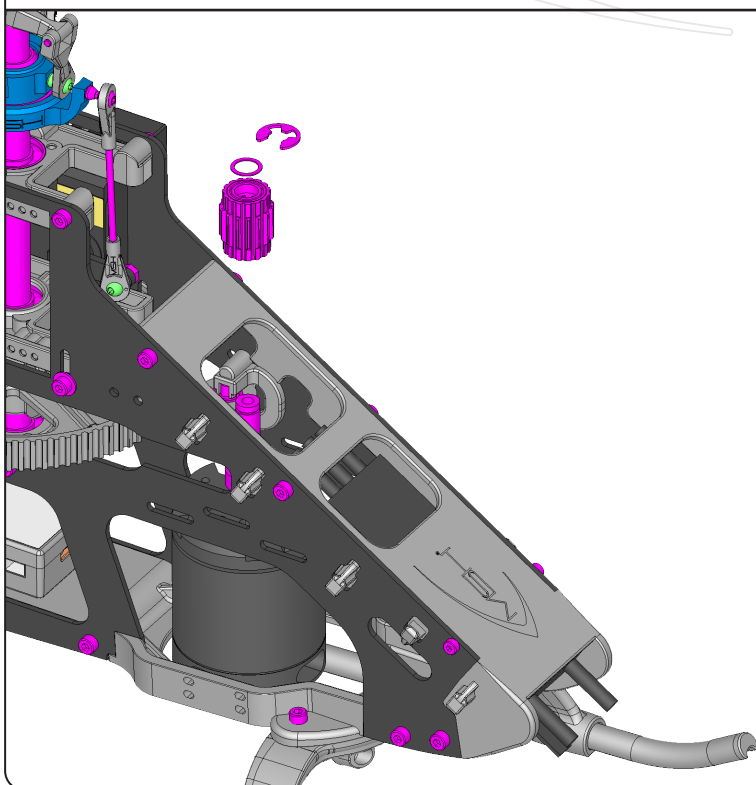
LiPo 6s 2500mAh/3000mAh



Motor pinion teeth choice

Battery type	LiPo 4s 3700mAh	LiPo 5s 3700mAh	LiPo 6s 2500mAh
Fly Style			
Beginner	18T (2400RPM) (Motor Adapter MSH51007)	15T (2500RPM) (Motor Adapter MSH51007)	-
Sport	19T (2550RPM) (Motor Adapter MSH51007)	16T (2650RPM) (Motor Adapter MSH51007)	13T (2550RPM) (Motor Adapter MSH51098 or MSH51338)
Soft 3D	20T (2650RPM) (Motor Adapter MSH51007)	17T (2850RPM) (Motor Adapter MSH51007)	14T (2750RPM) (Motor Adapter MSH51098 or MSH51338)
Hard 3D	-	18T (2950RPM) (Motor Adapter MSH51007)	15T (3000RPM) (Motor Adapter MSH51007)

MSH®



BAG-A



Hex Screw
M2x10
MSH51114



Hex Screw
M2.5x5
MSH51148



Ball M2x4.8
MSH51009



M2 Nut
MSH51136

BB 8x16x5
MSH51067
MSH51041

Ball
M2x4.8
MSH51009

Hex Screw
M2x10
MSH51114

Servo Frame
MSH51082
MSH51041

Servo Adapter
MSH51037

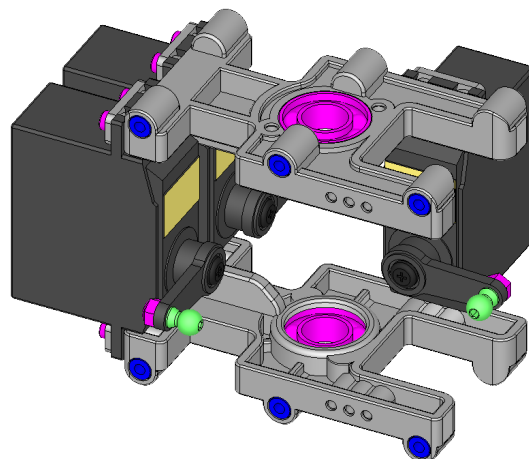
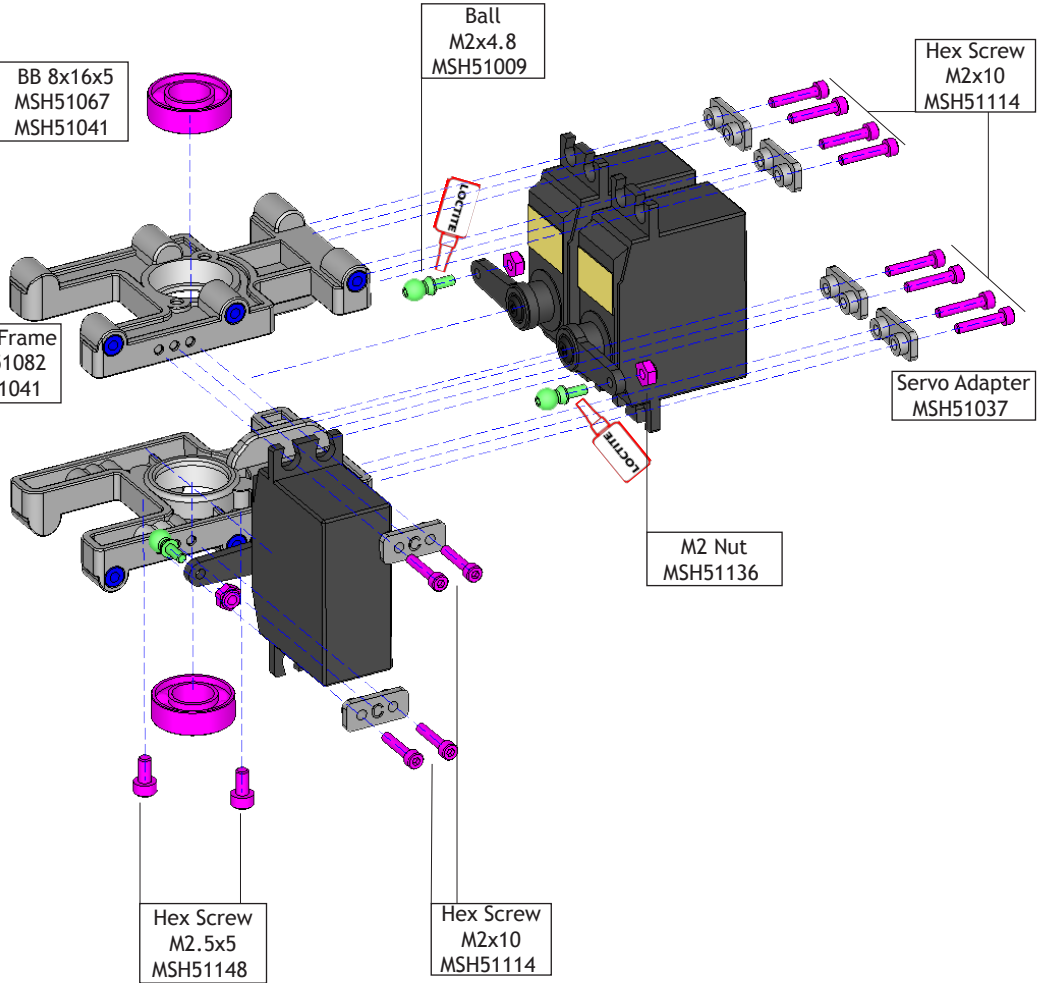
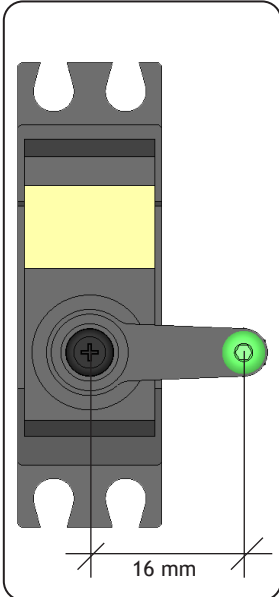
M2 Nut
MSH51136

Hex Screw
M2.5x5
MSH51148

Hex Screw
M2x10
MSH51114

Tips/Instructions

Hex screw M2.5x5 only on lower servo frame.

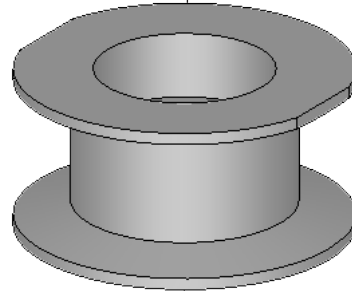
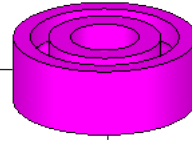


BAG-B

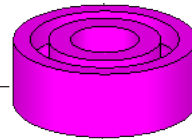


Pin 3x14
MSH51033

BB 3x8x3
MSH51072
MSH51033



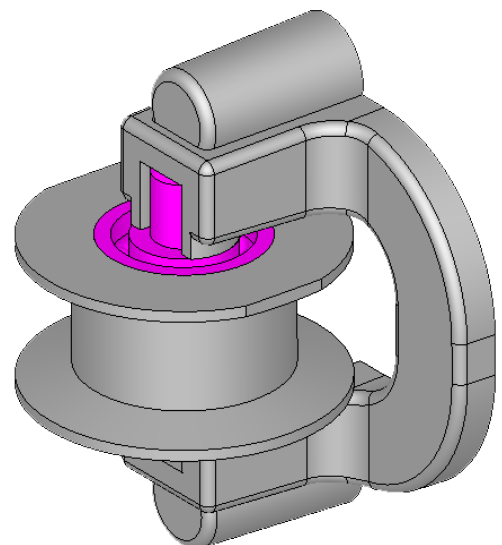
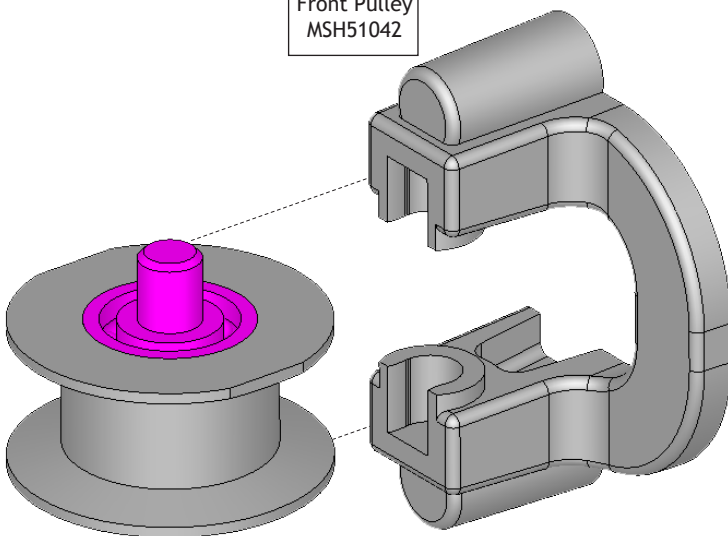
Guide Pulley
MSH51033



Pin 3x14
MSH51033



Front Pulley
MSH51042



BAG-B



Hex Screw
M2.5x6
MSH51153



Hex Screw
M2.5x8
MSH51154

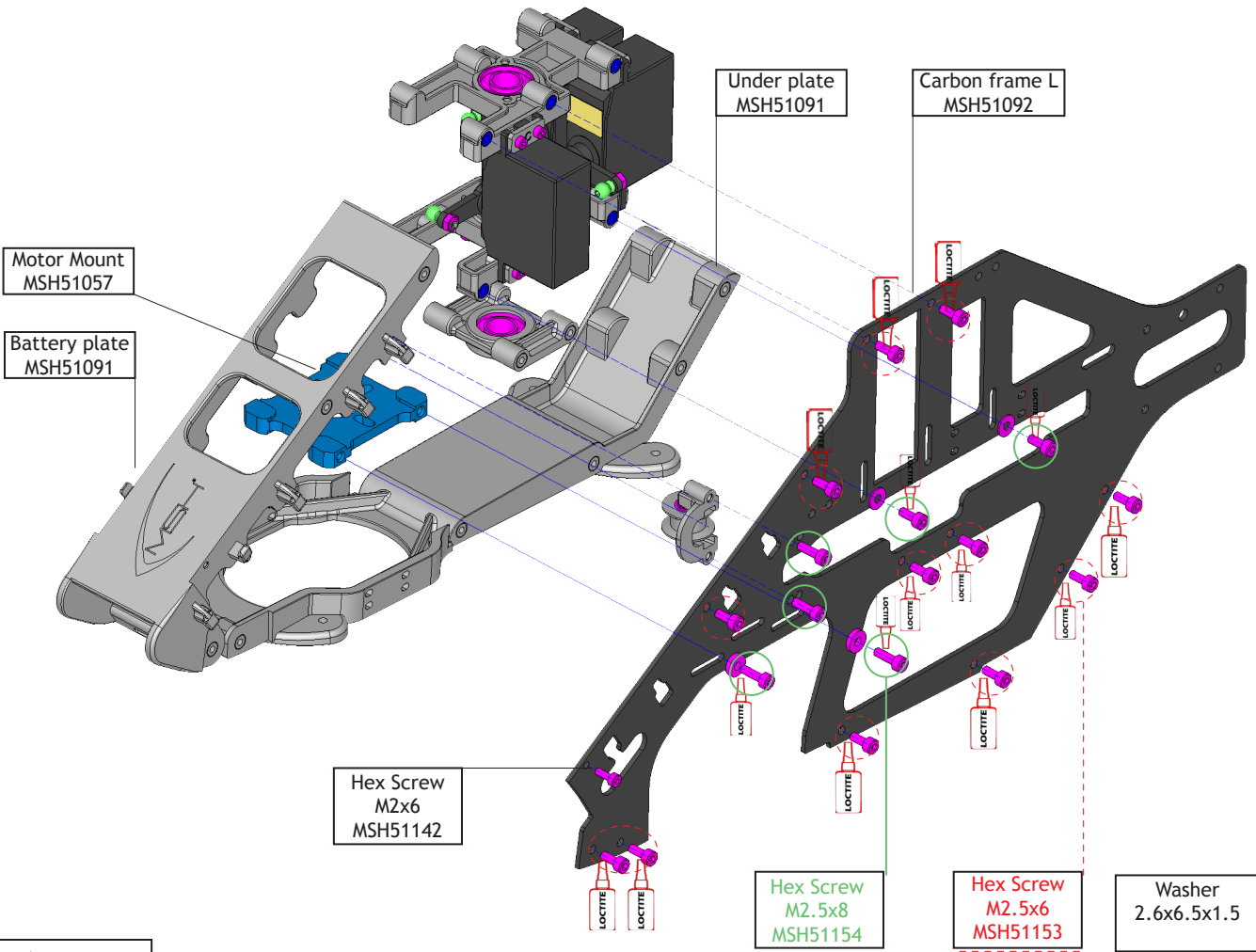
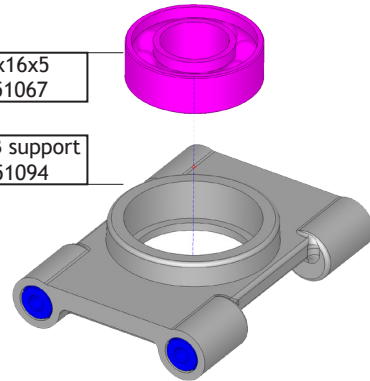


Washer
2.6x6.5x1.5
MSH41217

Caution

BB 8x16x5
MSH51067


Third BB support
MSH51094





CAUTION

Use Thread lock on every screw metal/metal such as screws that keep the servo frame in place.

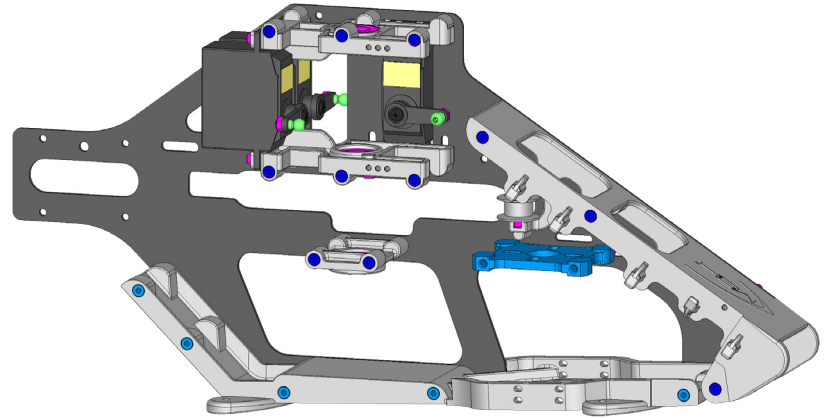
BAG-B

- 

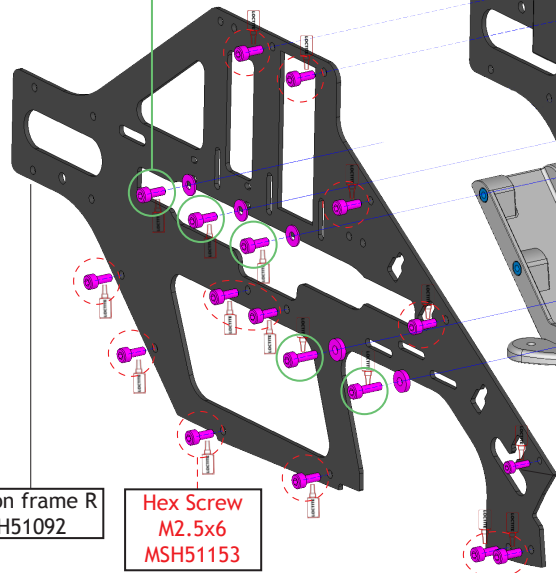
Hex Screw
M2.5x8
MSH51154
- 

Hex Screw
M2.5x6
MSH51153
- 

Washer
2.6x6.5x1.5
MSH41217



Hex Screw
M2.5x8
MSH51154

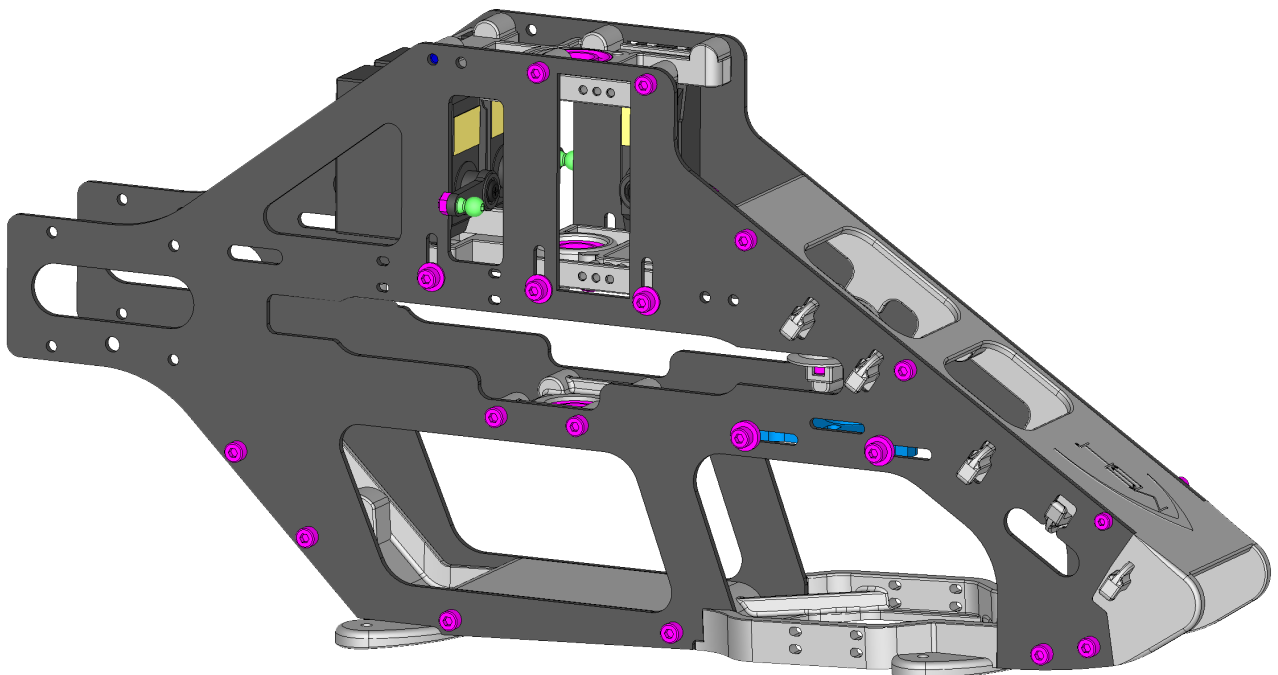
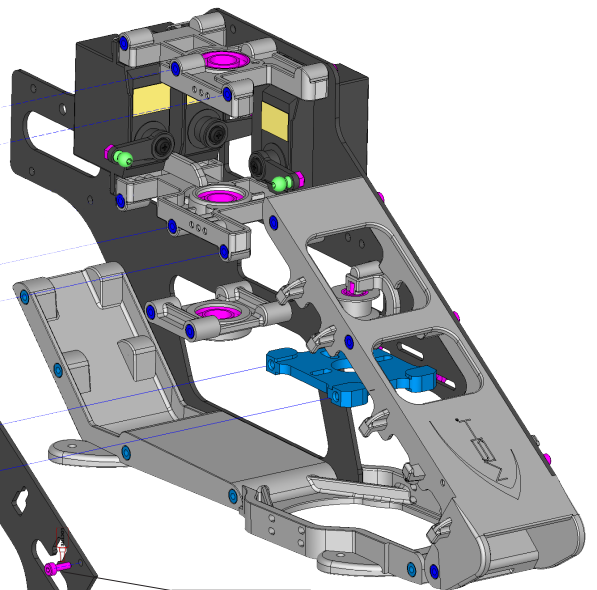


Washer
2.6x6.5x1.5
MSH41217

Carbon frame R
MSH51092

Hex Screw
M2.5x6
MSH51153

Hex Screw
M2x6
MSH51142






Tips/Instructions

Slide skids in both struts until "click" in position. Both struts should "click".

If Skids are hard to slide in position use an hair drier to heat struts holes.

BAG-B

-  Hex Screw
M2.5x10
MSH51143
-  Hex Screw
M2.5x16
MSH51145
-  Nylon Nut
M2.5
MSH51137

Hex Screw
M2.5x16
MSH51145

Hex Screw
M2.5x10
MSH51143

Landing gear struts
MSH51011

Nylon Nut
M2.5x10
MSH51143

Skids
MSH 51012

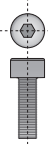
 **CAUTION**

Do not fully tighten hex screws 2.5x16 yet as they are used later to keep boom braces in position.

BAG-B



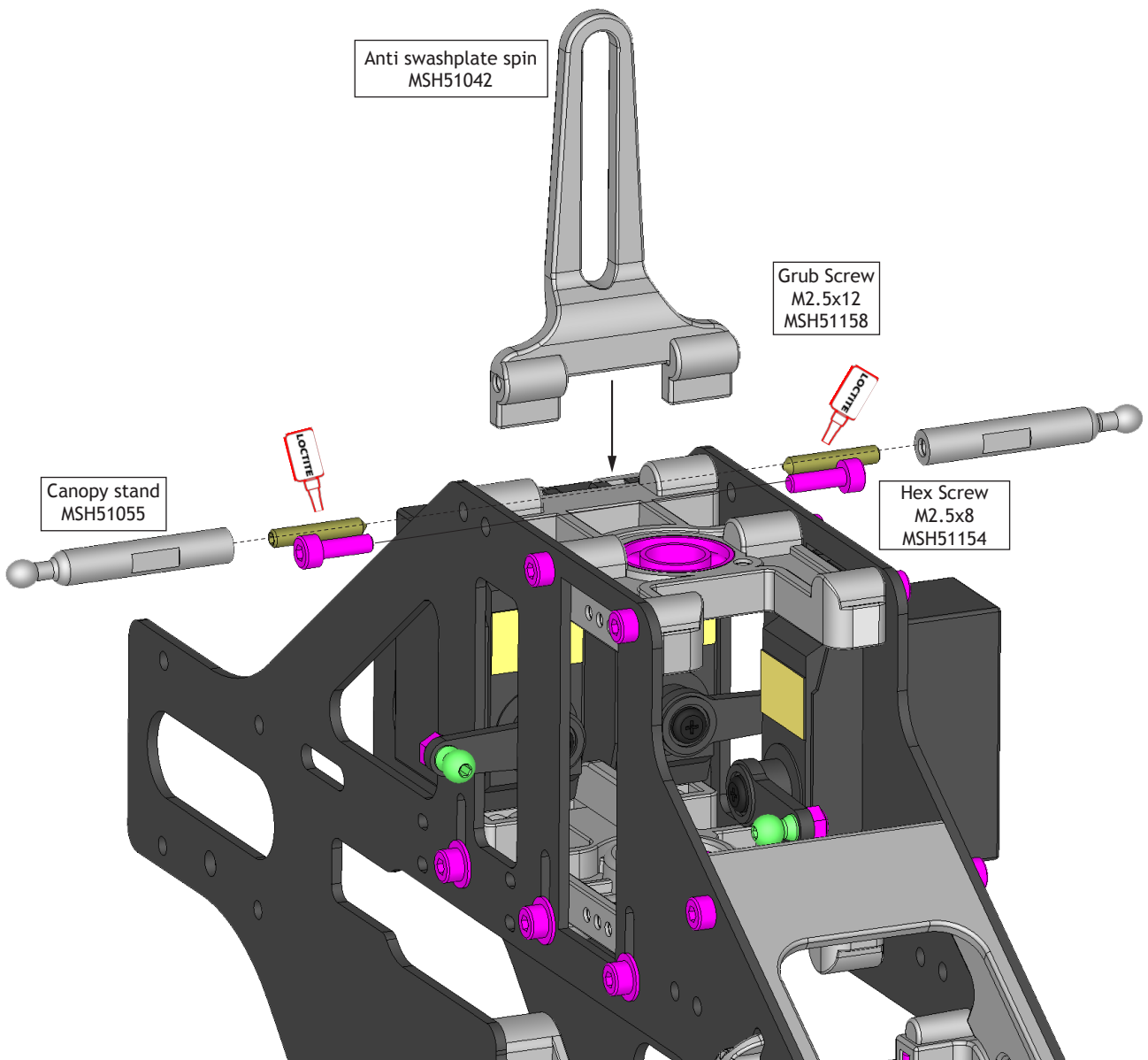
Grub Screw
M2.5x12
MSH51158




Hex Screw
M2.5x8
MSH51154

Tips/Instructions


Use thread lock on grub screw M2.5x12 on the side that goes in the servo frame. Grub screw can be screwed in by hand and tightened with MSH 50063 (Canopy post) using the two flat surfaces.




BAG-C
Belt from box




Hex Screw
M2x6
MSH51142




Hex Screw
M3x20
MSH51150



Nylon Nut
M3
MSH51138



Hex Screw
M3x8
MSH51152



Washer
3.1x10x1
MSH51080

Tips/Instructions

Make sure hex screw M3x8 is fully tightened on bottom of main shaft than pulling main shaft gently lock collar in position. Main shaft should not have any vertical play.

Very Important !!

After this step main shaft must not have any axial play !

Main shaft
MSH51080

Main shaft lock
MSH51005

Hex Screw
M2x6
MSH51142

Belt Stretch
MSH51323

Very Important !!

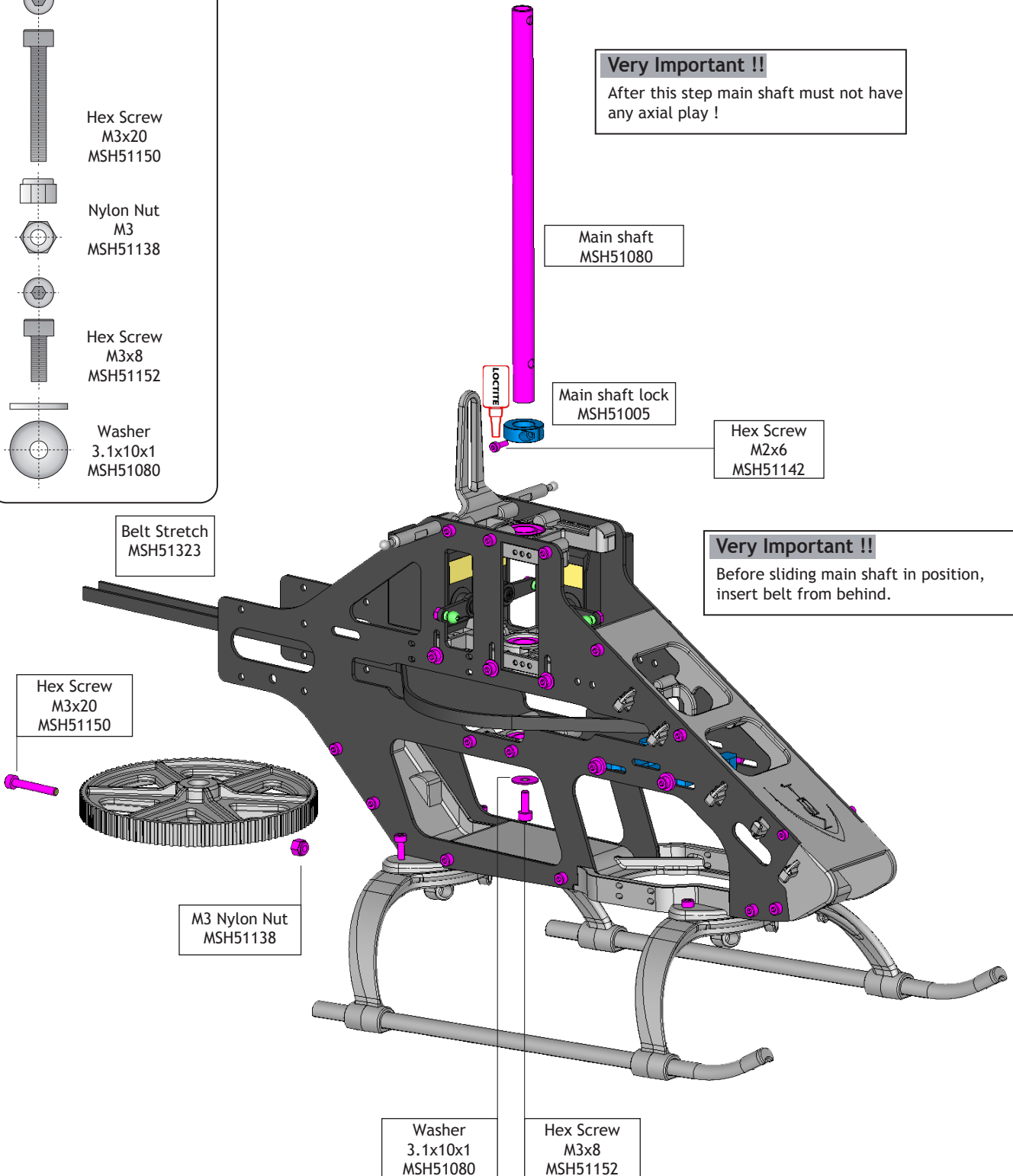
Before sliding main shaft in position, insert belt from behind.

Hex Screw
M3x20
MSH51150

M3 Nylon Nut
MSH51138

Washer
3.1x10x1
MSH51080

Hex Screw
M3x8
MSH51152

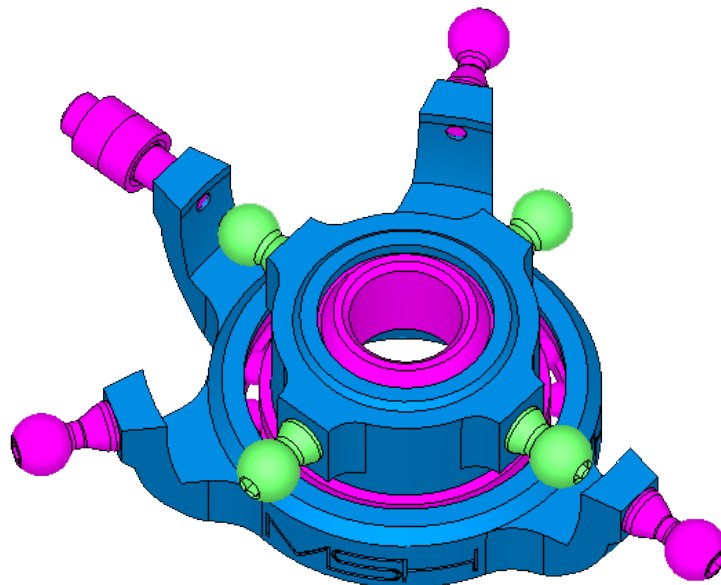
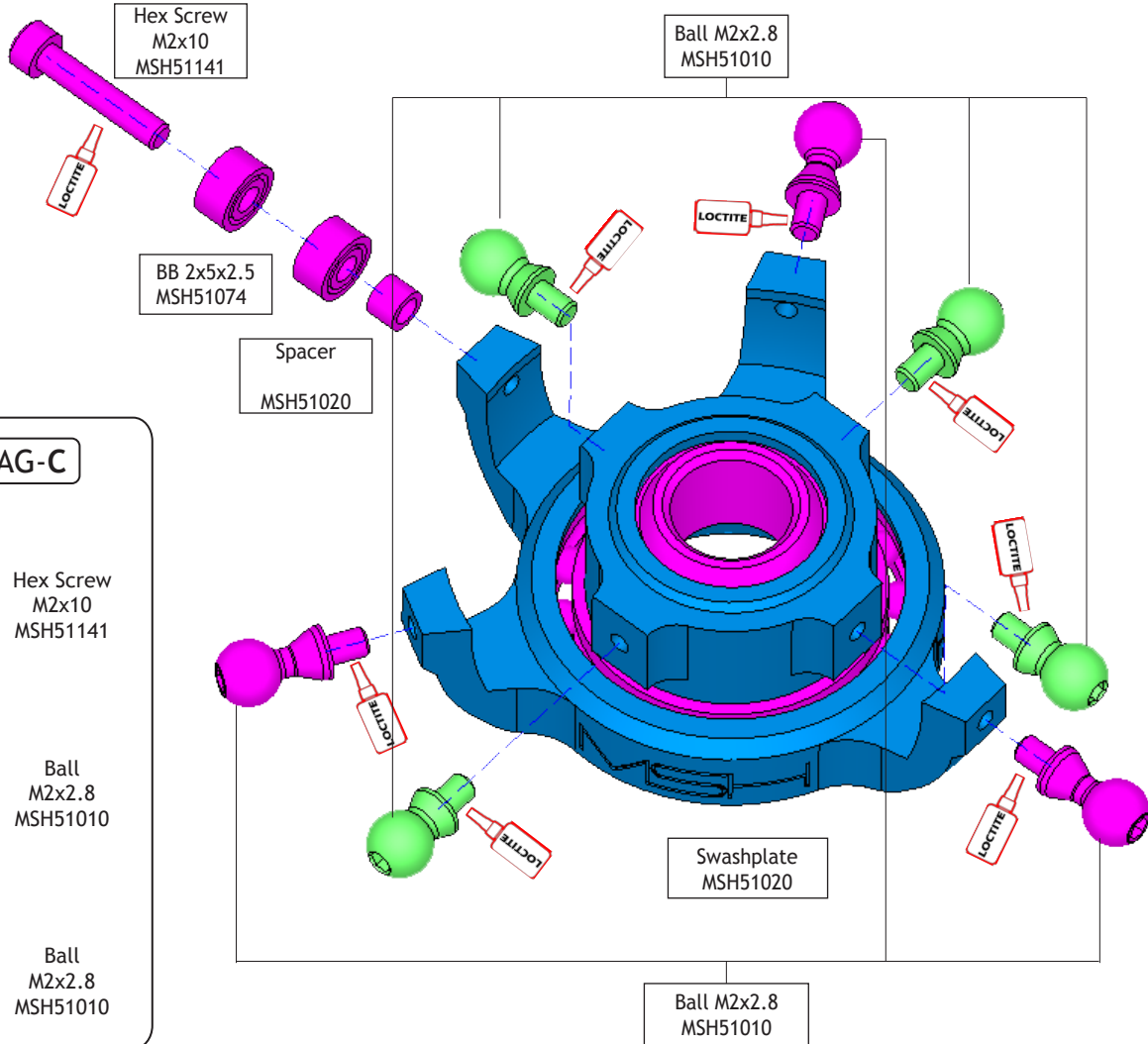


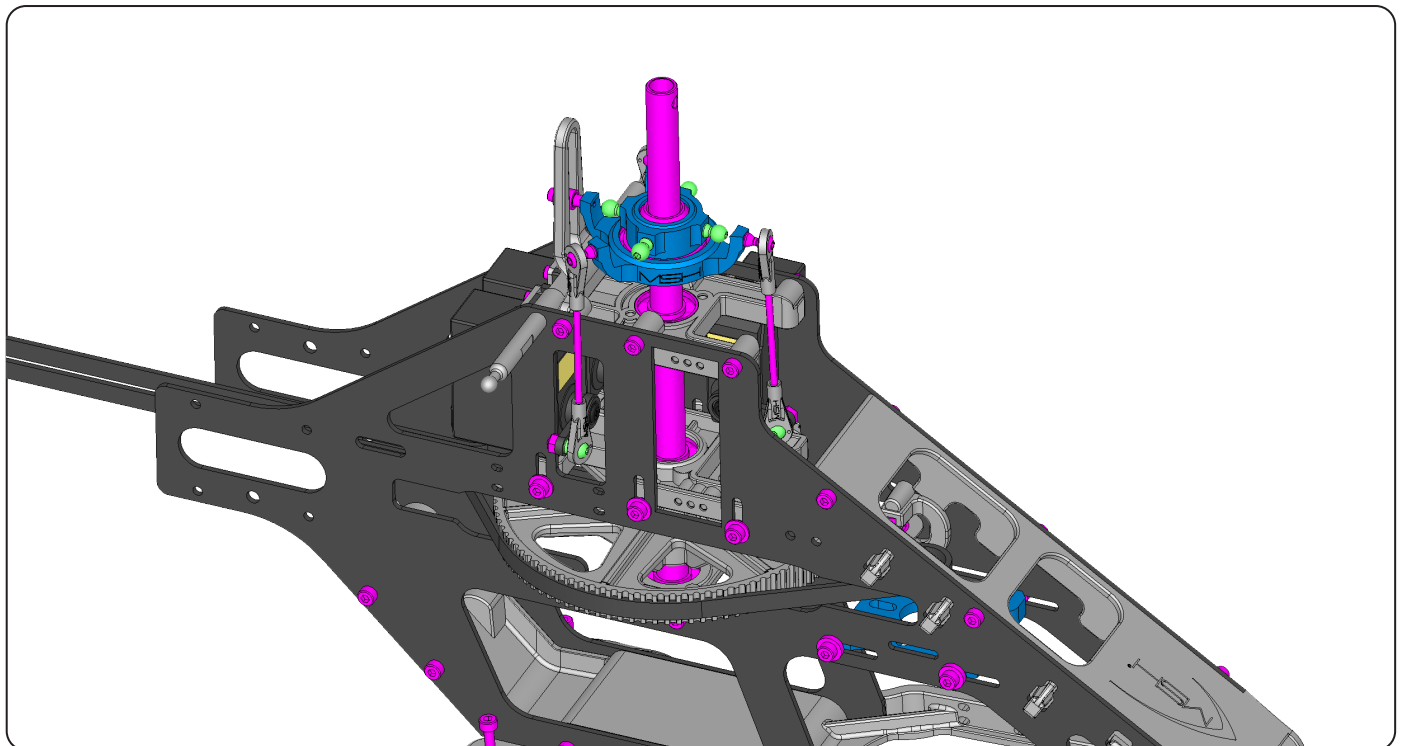
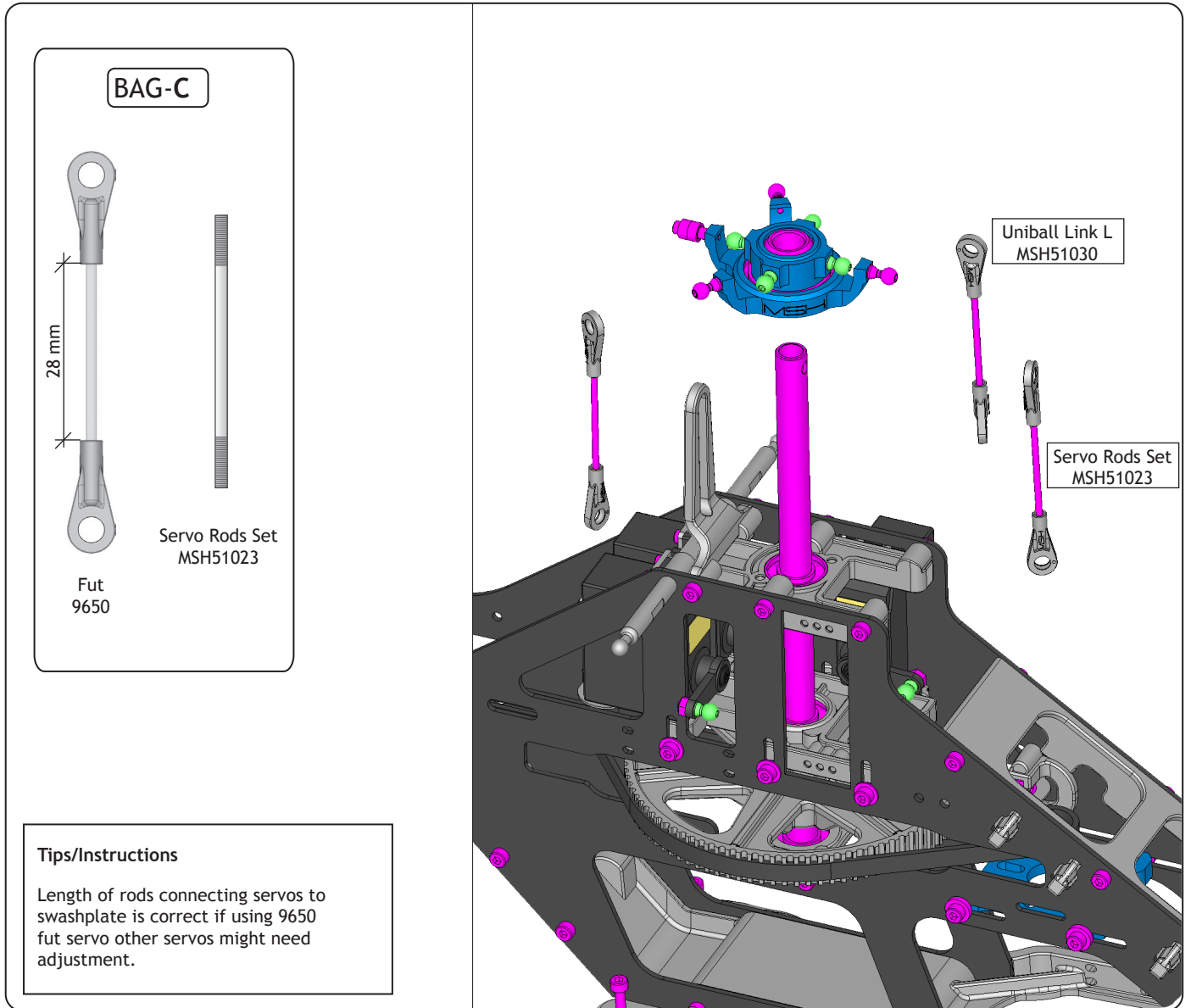
Tips/Instructions

Use Thread lock on balls and screw M2x10.

Important

Please pay attention to ball length :
Longer on the outer part of swashplate
and Shorter on the inside.





BAG-D



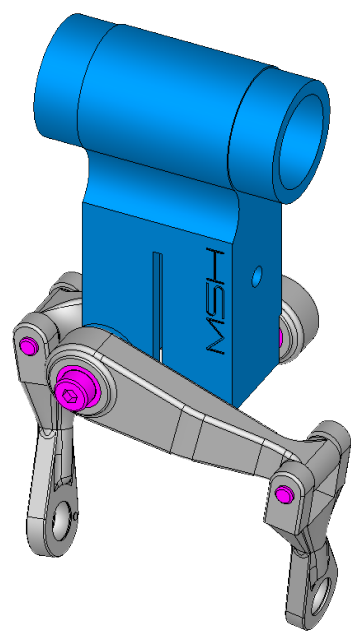
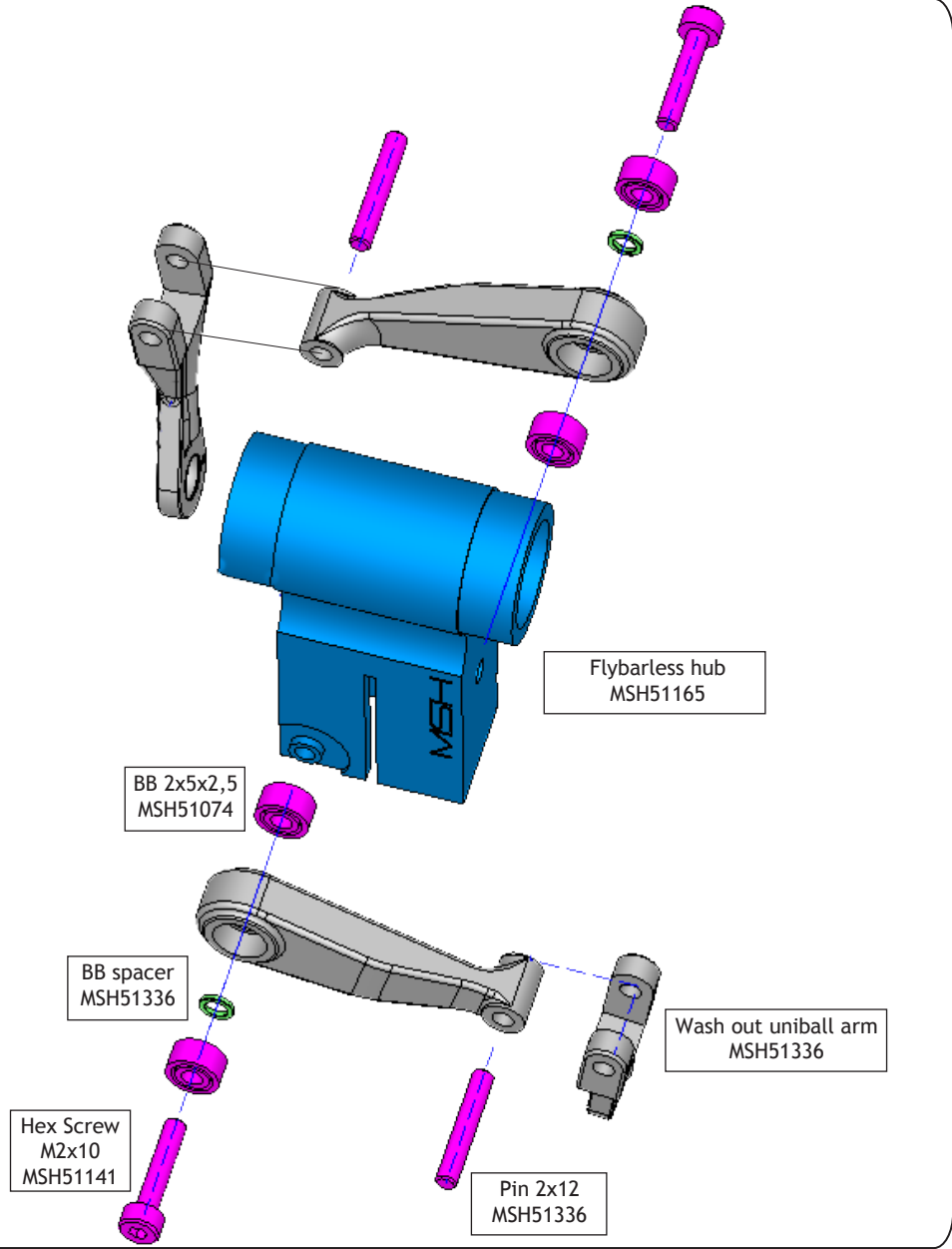
Hex Screw
M2x10
MSH51141



Washout
Pin 2x12
MSH51336



BB spacer
2.1x3.2x0.5
MSH51336



BAG-D



Ball Long stand grips MSH51118



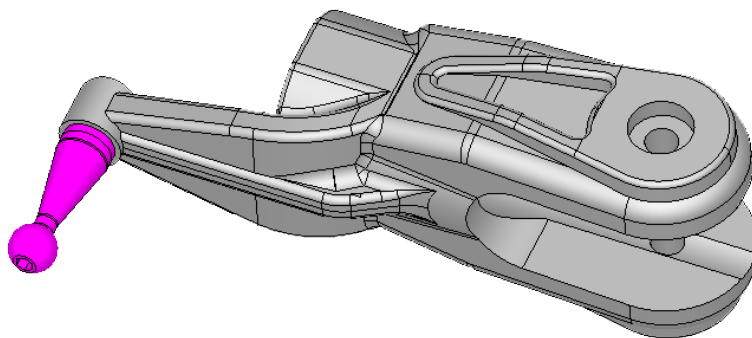
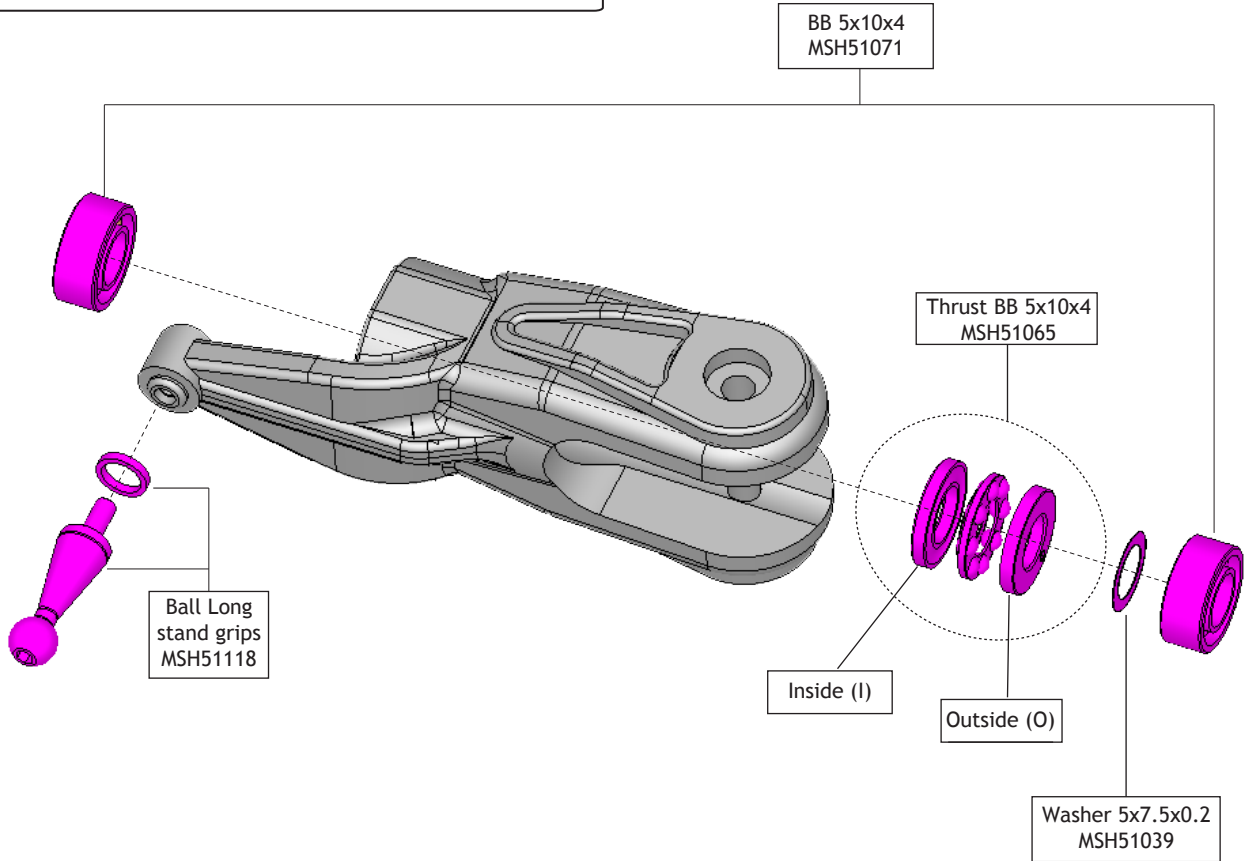
Ball Long stand grips washer 5x3.9x0.8 MSH51118



Washer 5x7.5x0.2

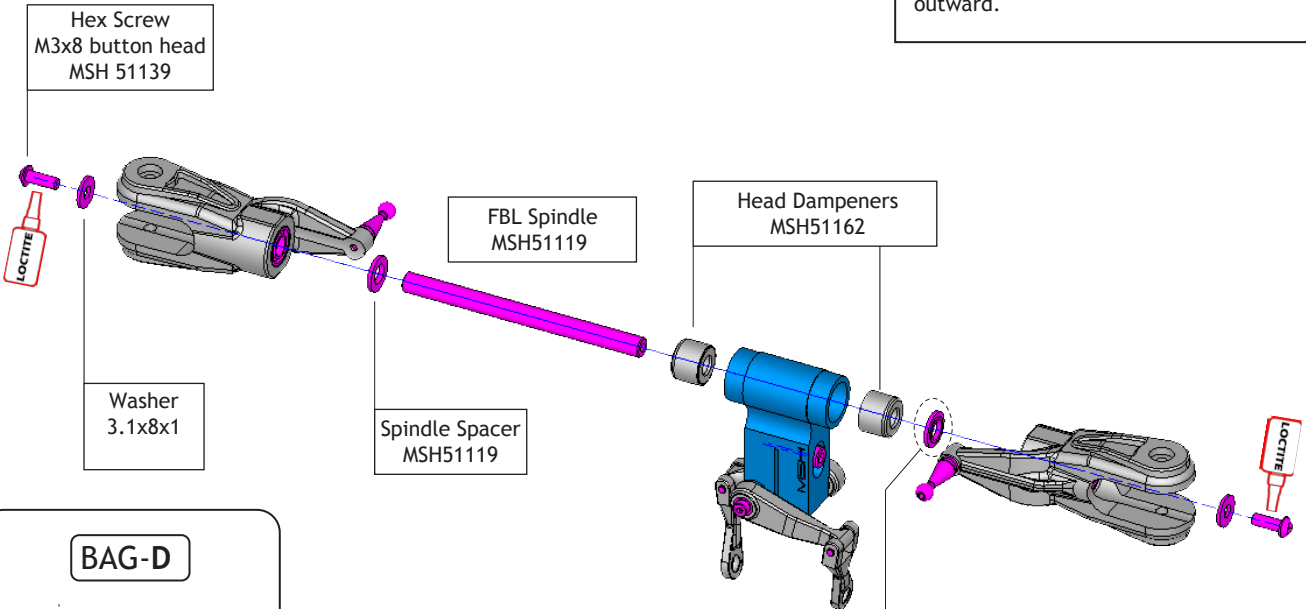
Very Important !!

Do not over tight balls on plastic.
Just 1/8 turn after completely seated.






Tips/Instructions

Use thread lock on screws M3x8.
Thrust bearings flange with bigger hole inward, flange with smaller hole outward.



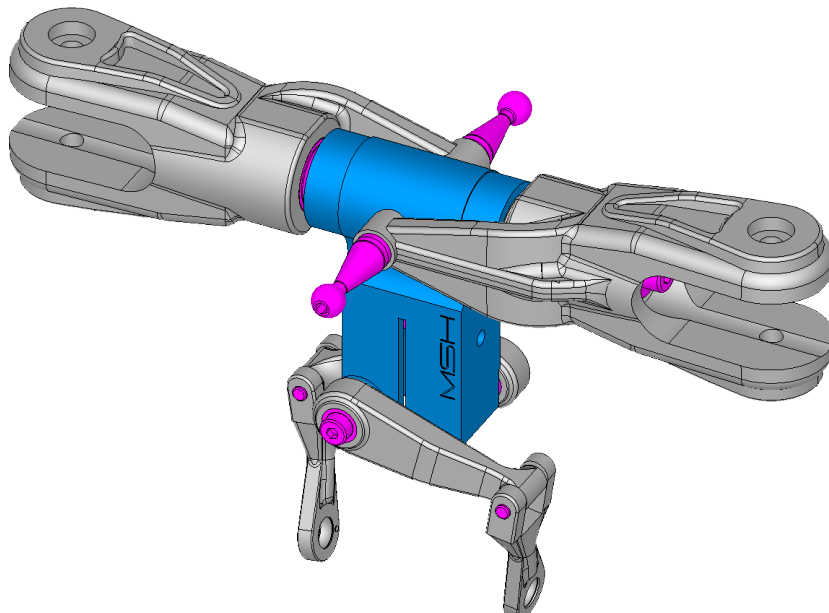
BAG-D

-  Hex Screw M3x8 button head MSH51139
-  Washer 3.1x8x1
-  Spindle Spacer MSH51119

CAUTION

Spindle spacer is a stepped washer, please make sure that, the stepped side faces BB 5x10x4.

HUB SIDE ← → BLADE SIDE



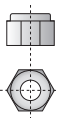
BAG-D



Hex Screw
M3x16
MSH51157



Head Link
42,5 mm
MSH51164



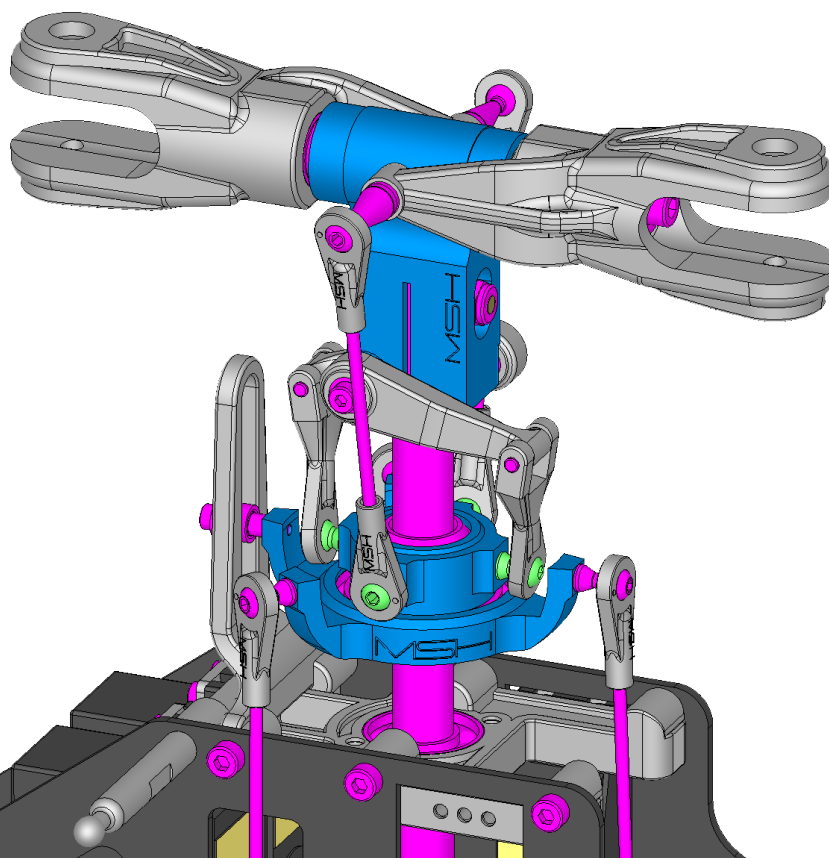
Nylon Nut
M3
MSH51138

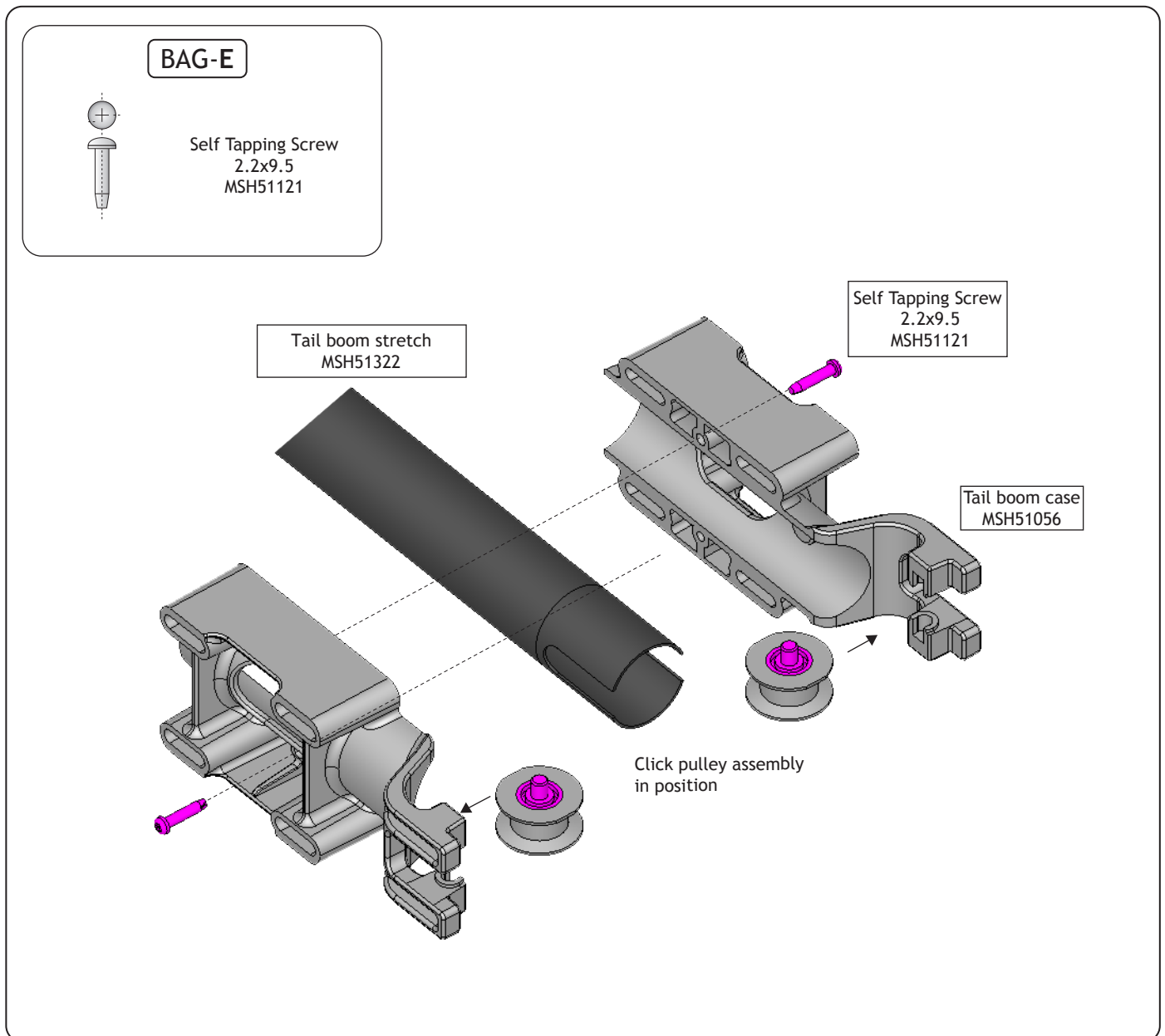
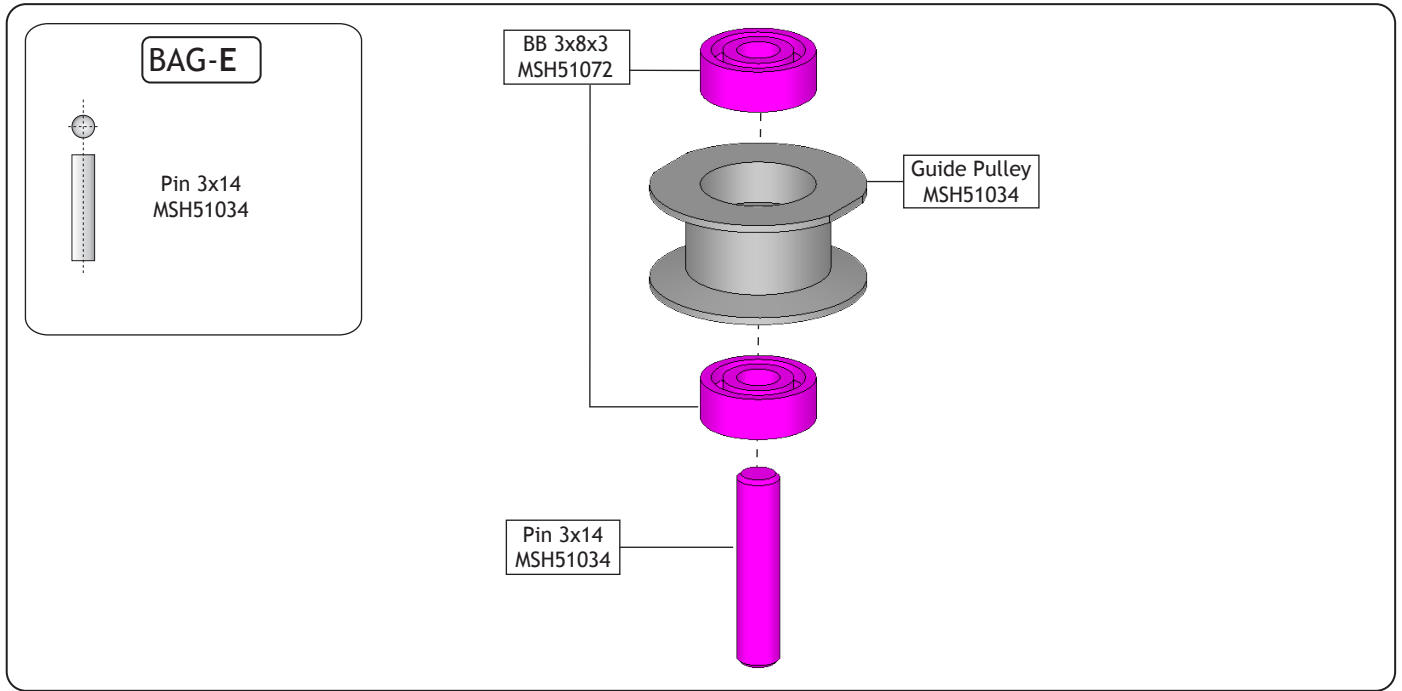
Hex Screw M3x16
MSH 70083

Nylon Nut
M3
MSH 50125

Uniball Link L
MSH51030

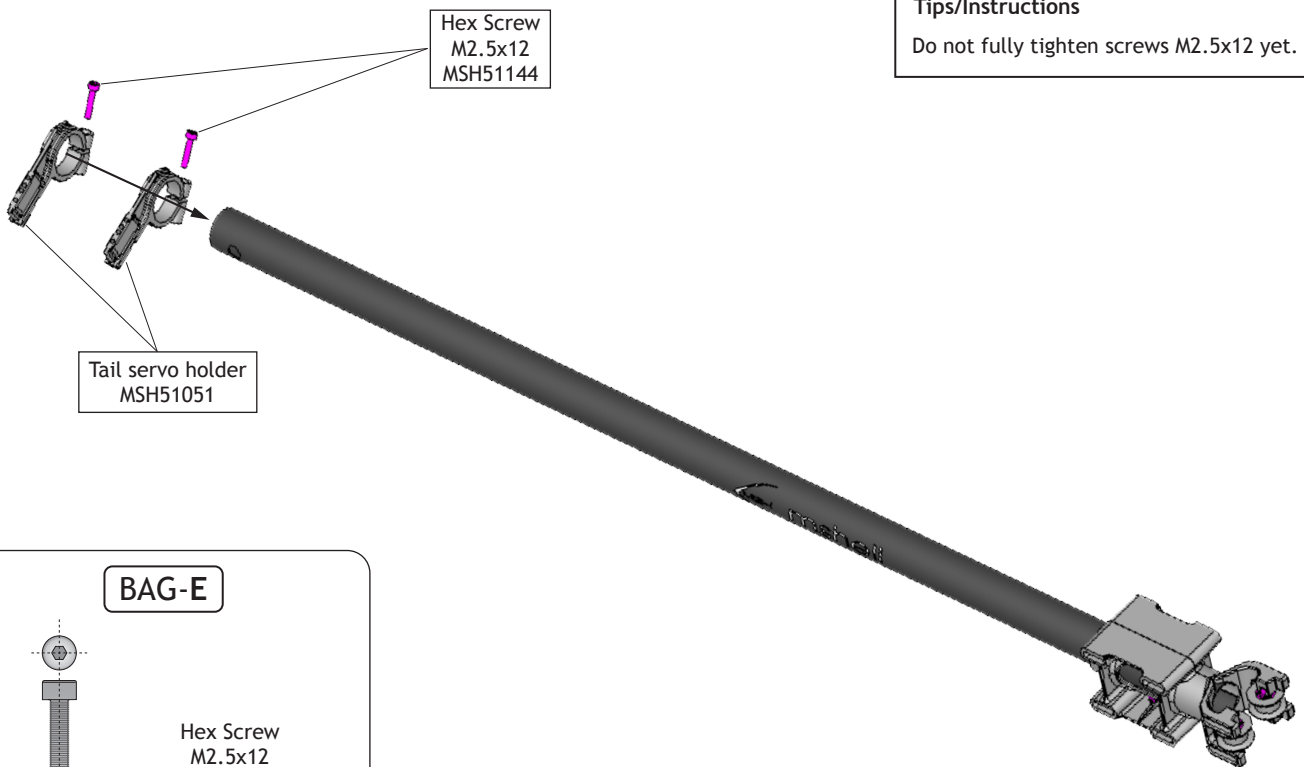
27.1mm



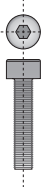


Tips/Instructions

Do not fully tighten screws M2.5x12 yet.



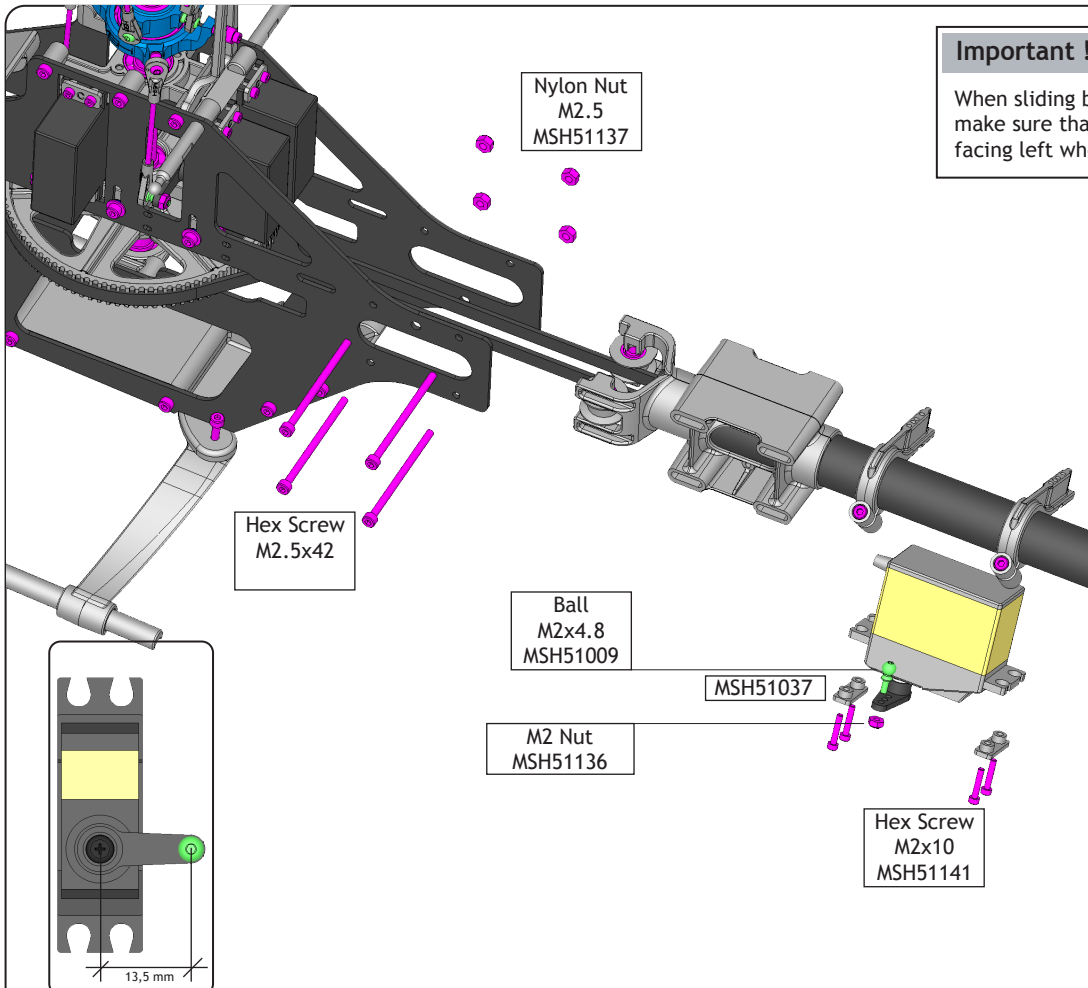
BAG-E



Hex Screw
M2.5x12
MSH51144

Important !!

When sliding boom assembly in position make sure that the hole on the rear is facing left when looking from behind.



BAG-E

- Hex Screw M2x10
MSH51141
- Hex Screw
M2.5x42 MSH51140
- Nut
M2.5
MSH51137
- Ball
M2x4.8
MSH51009
- M2 Nut
MSH51136

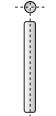
BAG-F



Hex Screw
M2.5x20
MSH51146



Hex Screw
M2.5x16
MSH51145



Pin
1.5x12
MSH51006-01



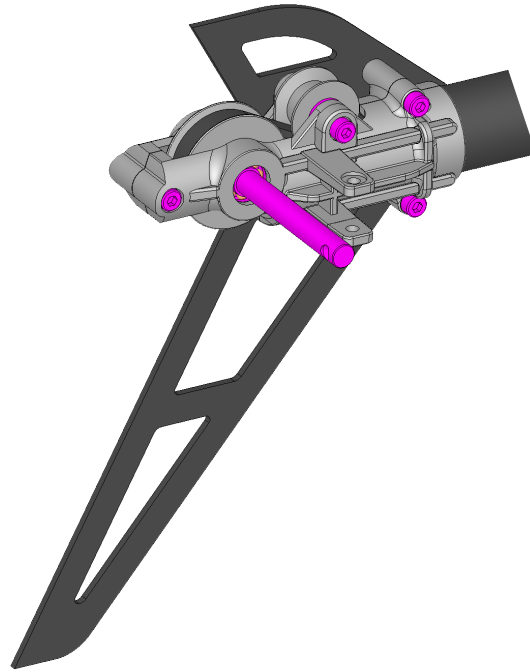
Nylon Nut
M2.5
MSH51137



Washer
5x7.5x0.2

Tips/Instructions

Do not over tight guide pulley screw, check that it turns freely after tightening the screw.



BB 3x8x3
MSH51072

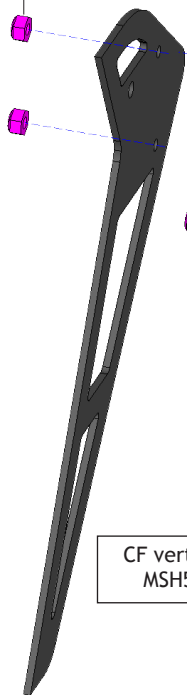
M2.5 Nylon Nut
MSH51137

Tail Box L
MSH51044

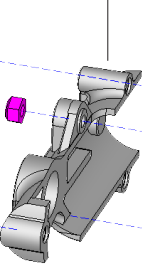
Washer
5x7.5x0.2

Guide Pulley
MSH51033

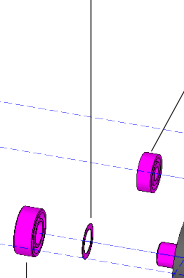
Guide Pulley Bushing
2.5x3x7.8
MSH51033



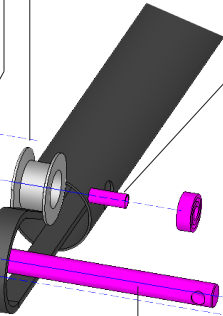
CF vertical fin
MSH51094



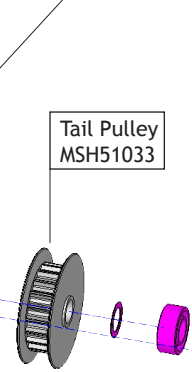
BB 5x10x4
MSH51071



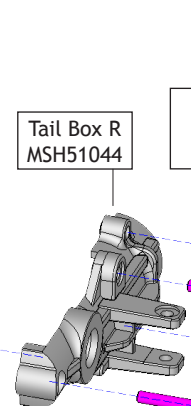
Pin 1.5x12
MSH51006-01



Tail shaft
MSH51006-01



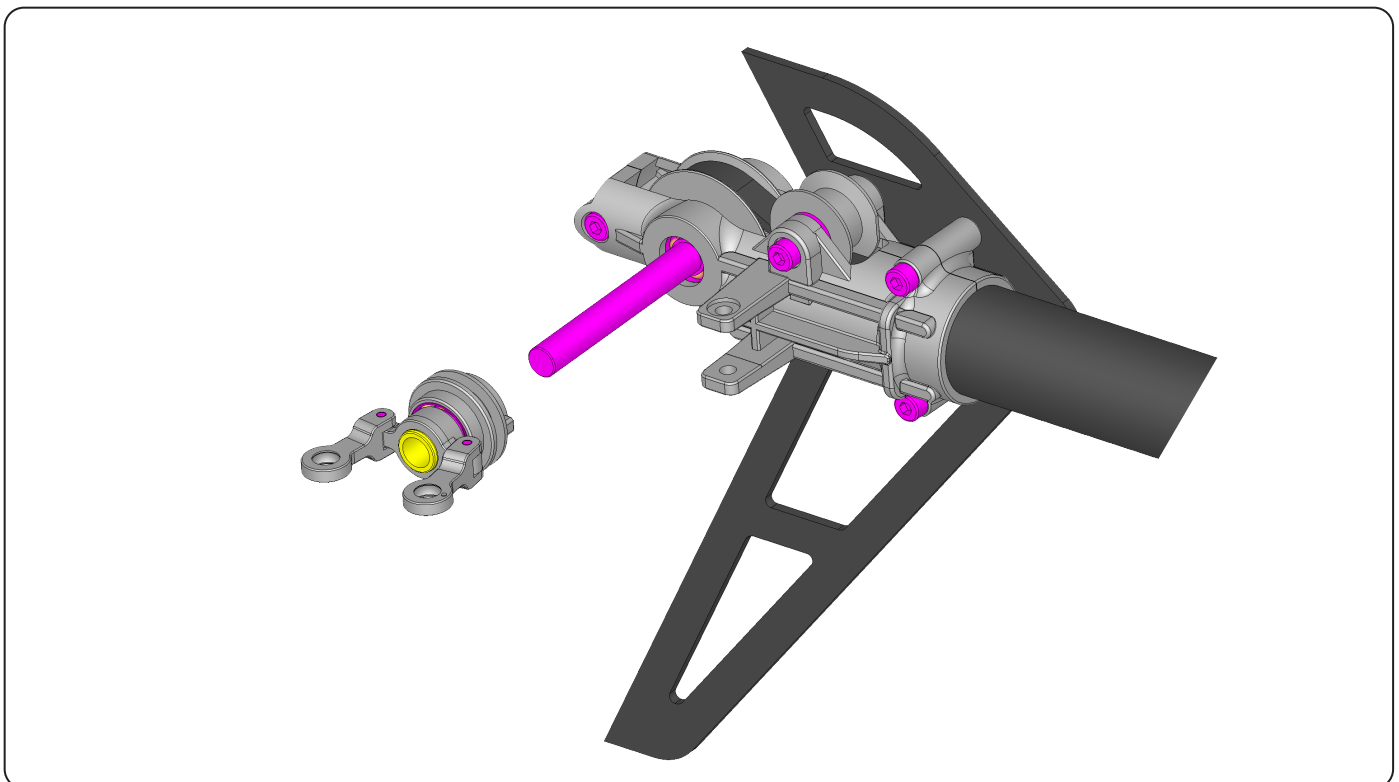
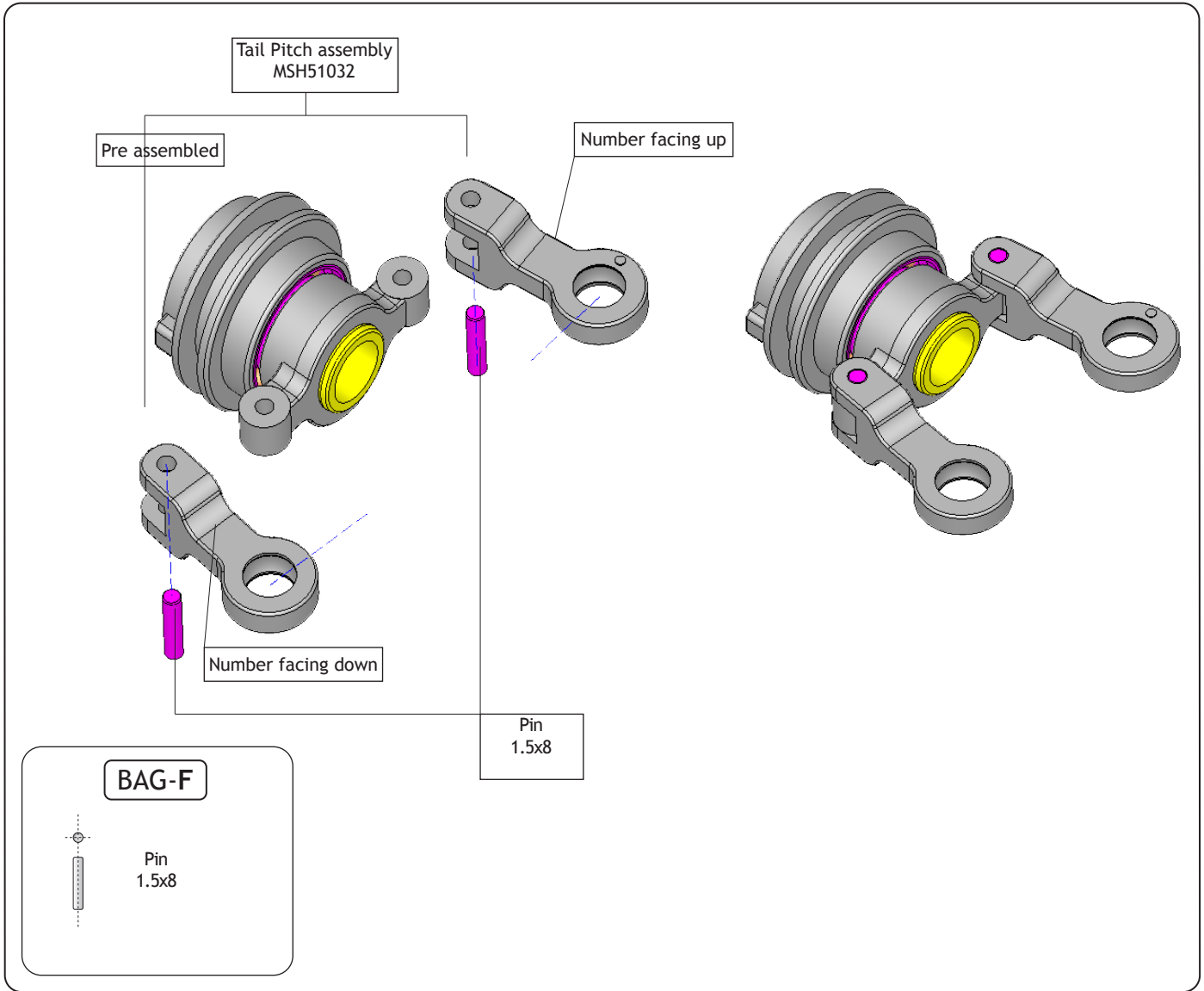
Tail Pulley
MSH51033





Tail Box R
MSH51044

Hex Screw
M2.5x20
MSH51146

Hex Screw
M2.5x16
MSH51145

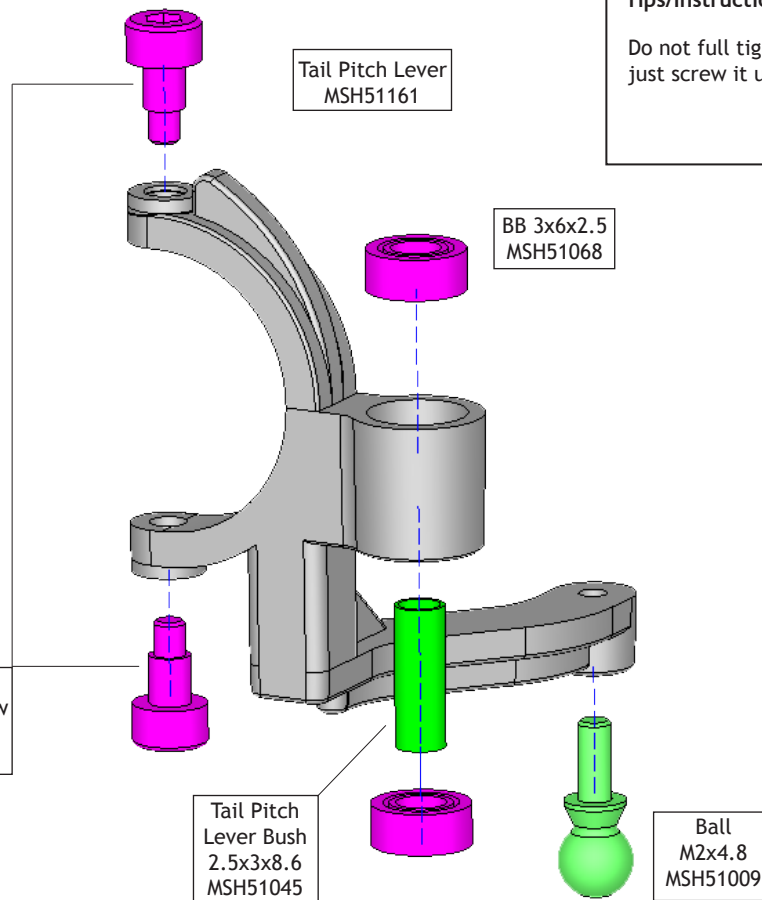


BAG-F

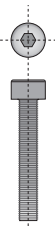
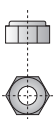
-  Tail Pitch Lever Screw
M2.5x5
MSH51161
-  Ball M2x4.8
MSH51009

Tips/Instructions

Do not full tighten tail pitch lever screw, just screw it until fully seated.

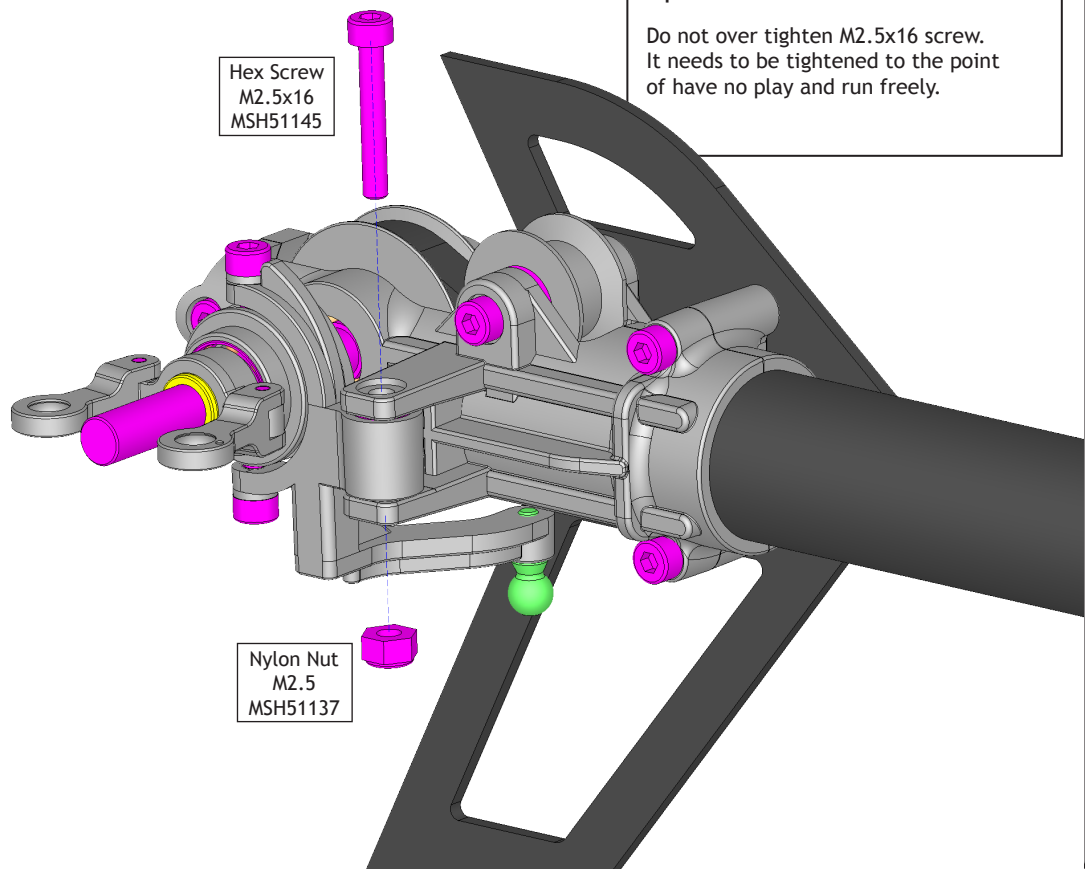


BAG-F

-  Hex Screw
M2.5x16
MSH51145
-  Nylon Nut
M2.5
MSH51137

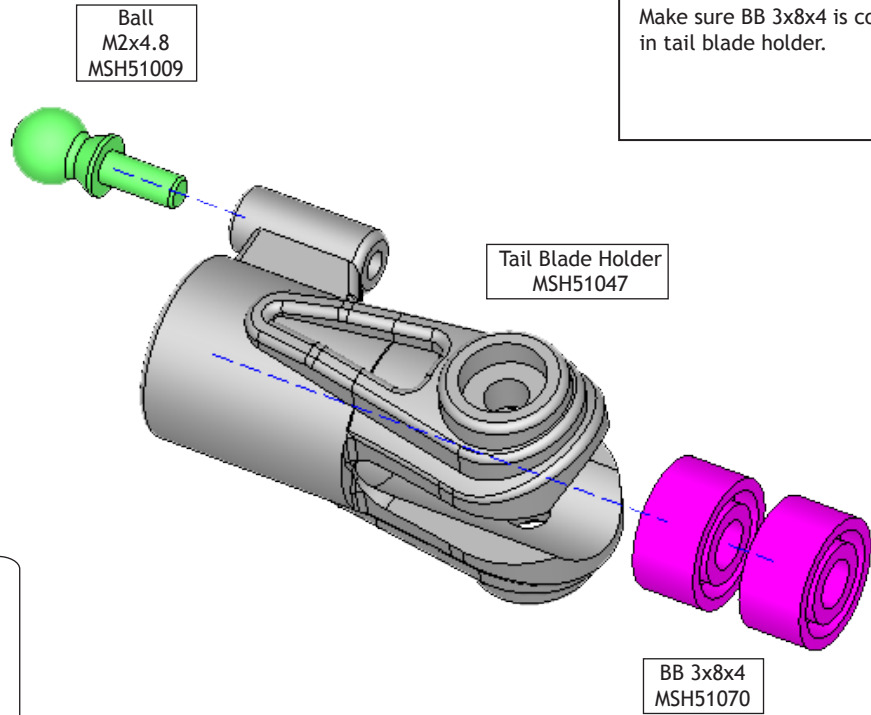
Tips/Instructions

Do not over tighten M2.5x16 screw. It needs to be tightened to the point of have no play and run freely.



Tips/Instructions

Make sure BB 3x8x4 is completely seated in tail blade holder.



BAG-F

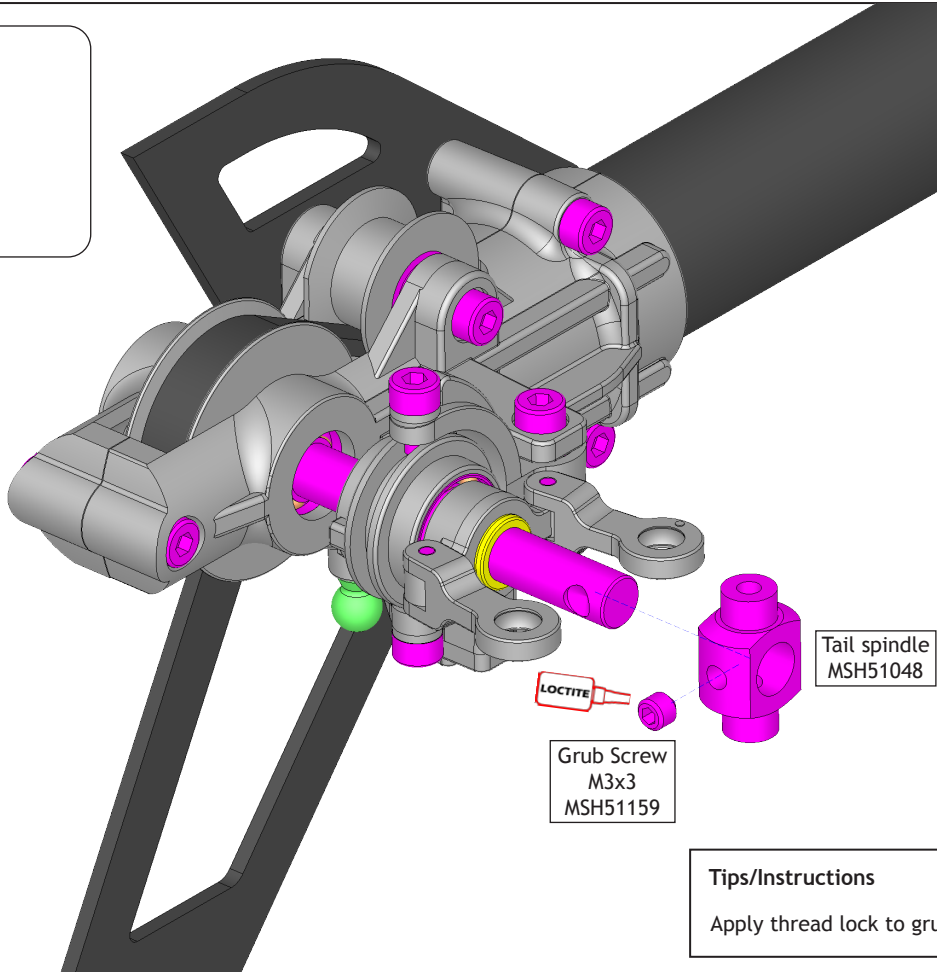


Ball M2x4.8
M2x4.8
MSH51009

BAG-F



Grub Screw
M3x3
MSH51159



Tips/Instructions

Apply thread lock to grub screw M3x3.

BAG-F

Hex Screw
M3x12
MSH51149

Hex Screw
M3x12
MSH51149

Tips/Instructions
Apply thread lock to M3x12 screws.

BAG-F

Caution :
Do not over tighten
M2.5x16 tail blade screws.

Hex Screw

Nylon Nut
M2.5
MSH51137

Hex Screw
M2.5x16
MSH51145

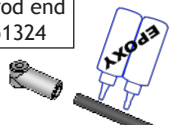
Nylon Nut
M2.5
MSH51137

Tail Blades
MSH51038

BAG-G

Tips/Instructions
 Glue part with slow curing epoxy.

Brace rod end
 MSH51324



Tail Boom braces stretch
 MSH51324

x 2



Hex Screw
 M2.5x25
 MSH51147



Horizontal fin
 MSH51094



Horizontal fin clamp U
 MSH51049



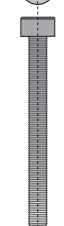
M2.5
 Nylon Nut
 MSH51137



Horizontal fin clamp L
 MSH51049



BAG-G

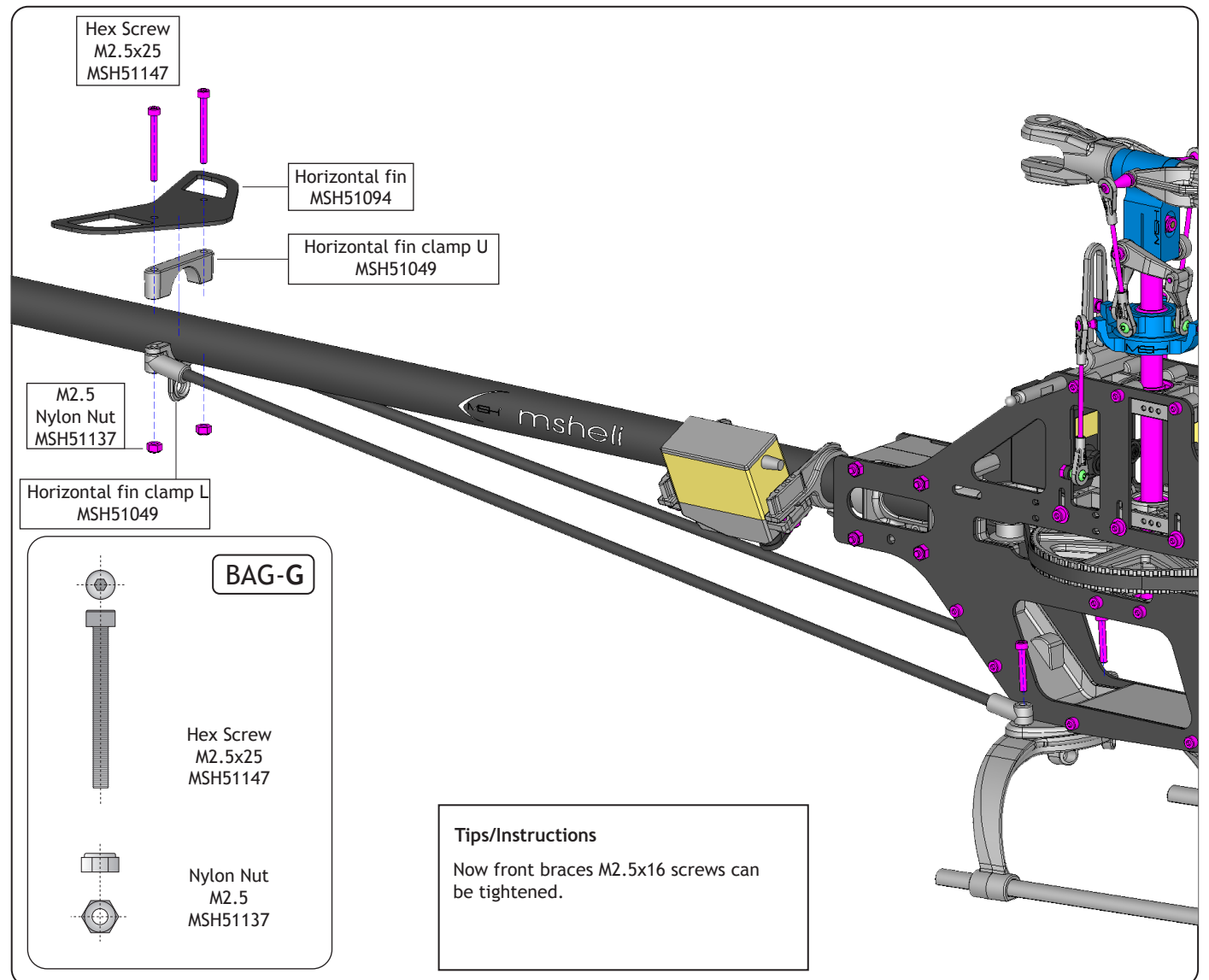


Hex Screw
 M2.5x25
 MSH51147



Nylon Nut
 M2.5
 MSH51137

Tips/Instructions
 Now front braces M2.5x16 screws can be tightened.



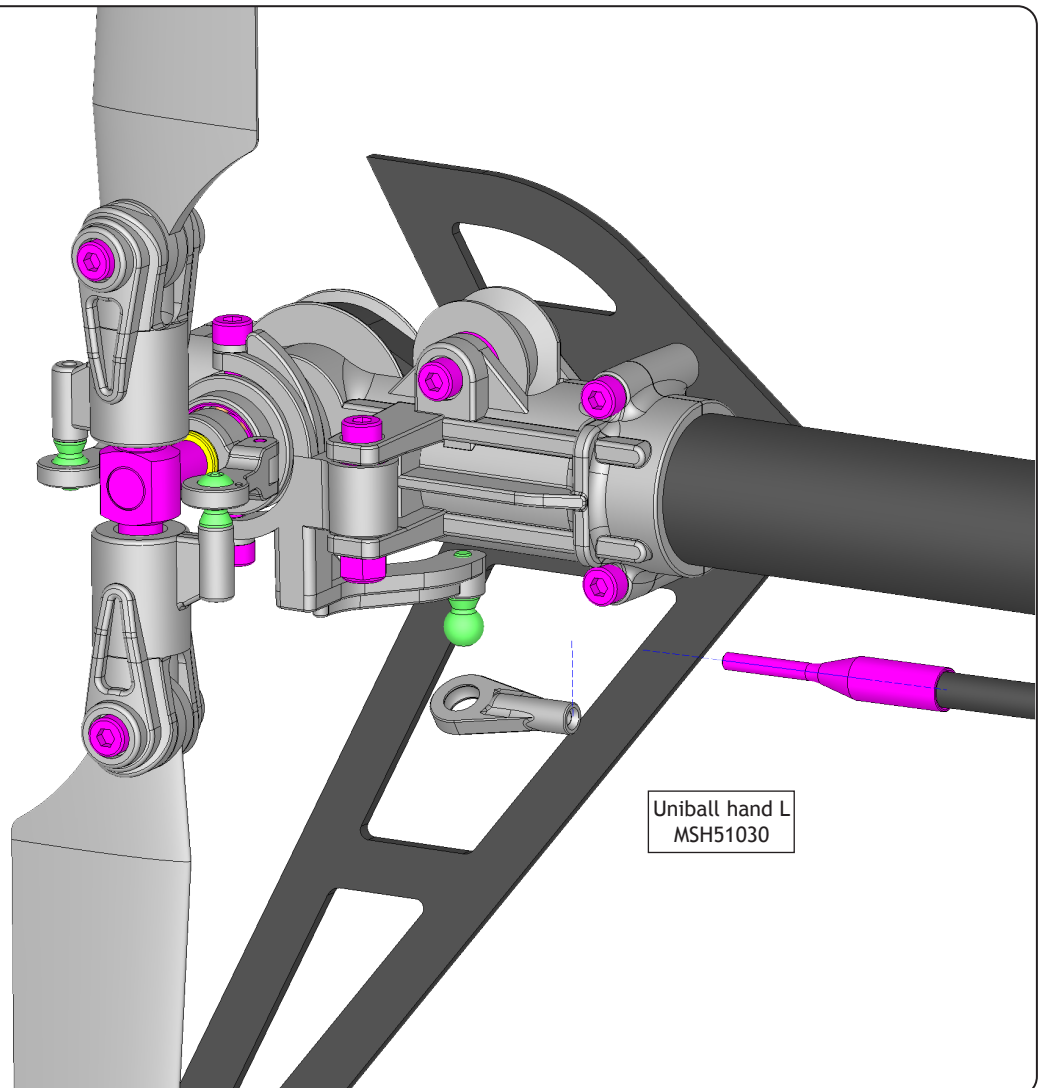
Tips/Instructions

Glue Tail control rod fitting with slow curing epoxy .

Control Rod Stretch
MSH51325

Take clearcoat
off on the last 10mm
with sandpaper

Uniball hand L
MSH51030



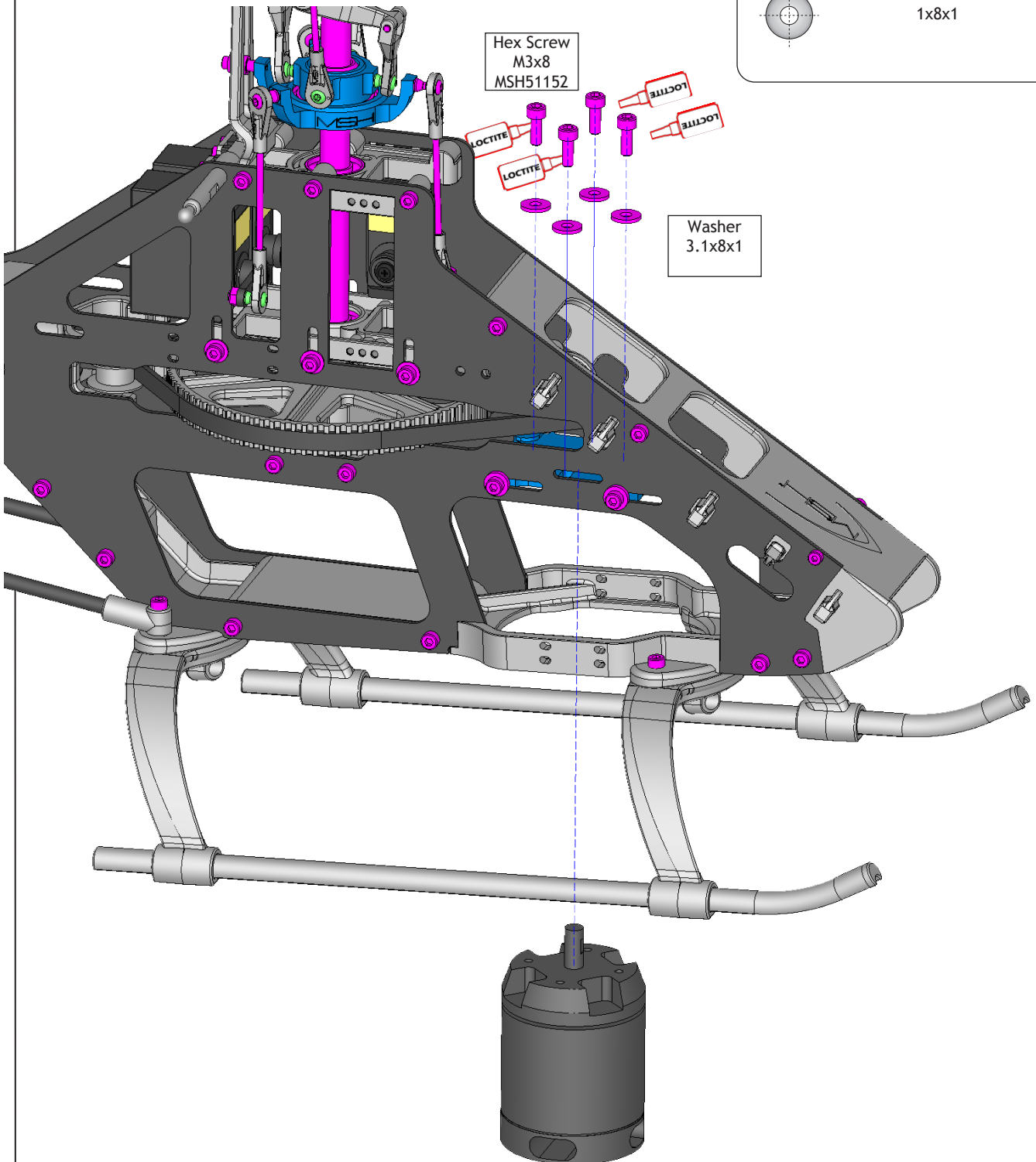
Uniball hand L
MSH51030

Tips/Instructions

Apply thread lock to M3x8 hex screw.

Hex Screw
M3x8
MSH51152

Washer 3.
1x8x1





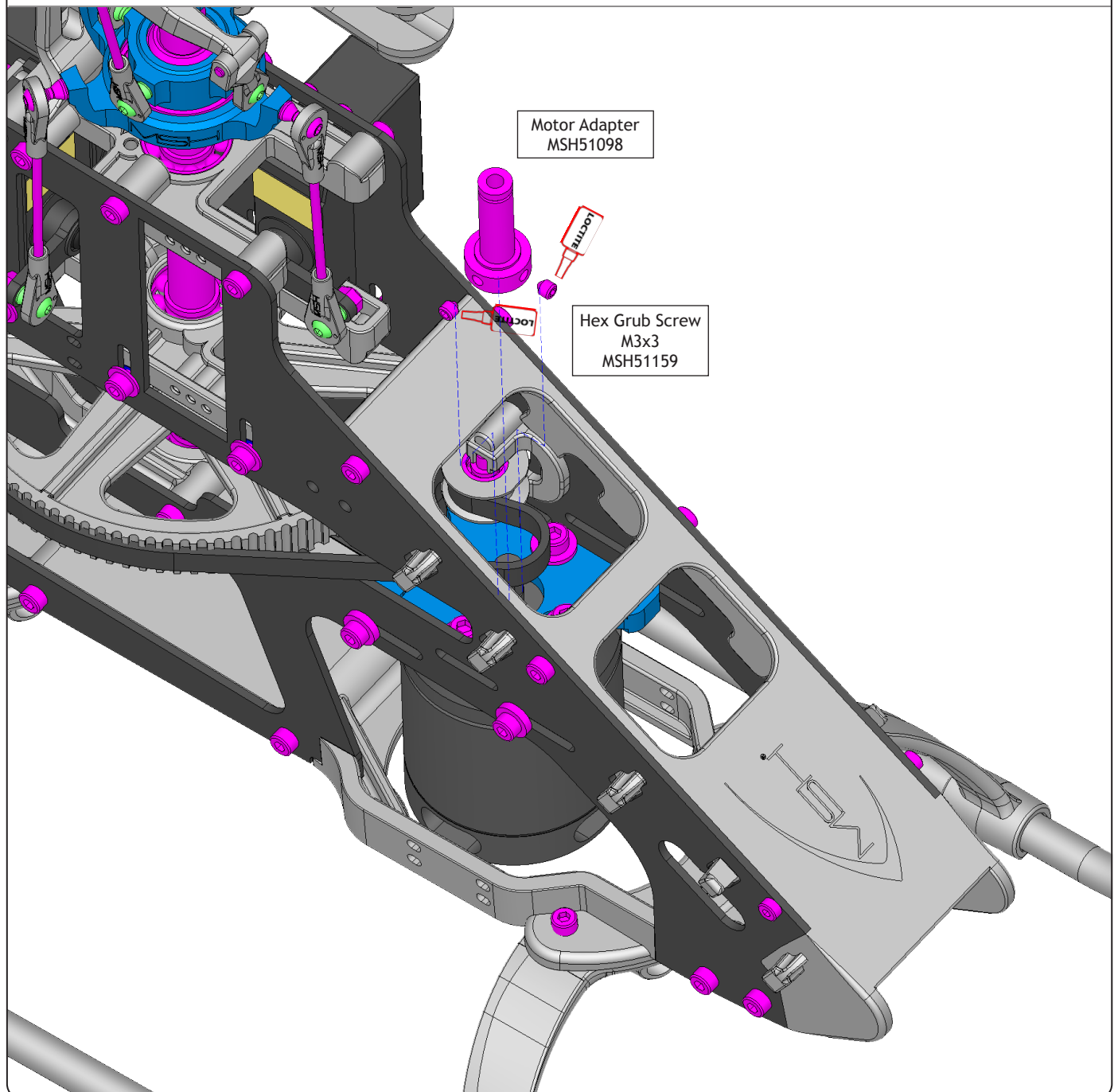
Grub Screw
M3x3
MSH51159

Tips/Instructions

Apply thread lock to M3x5 grub screw.

Tips/Instructions

Make sure that one of the two adapter grub screws lays on motor shaft flat spot.



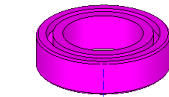
Motor Adapter
MSH51098

Hex Grub Screw
M3x3
MSH51159

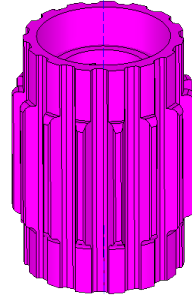


Washer
3.1x10x1
MSH51013

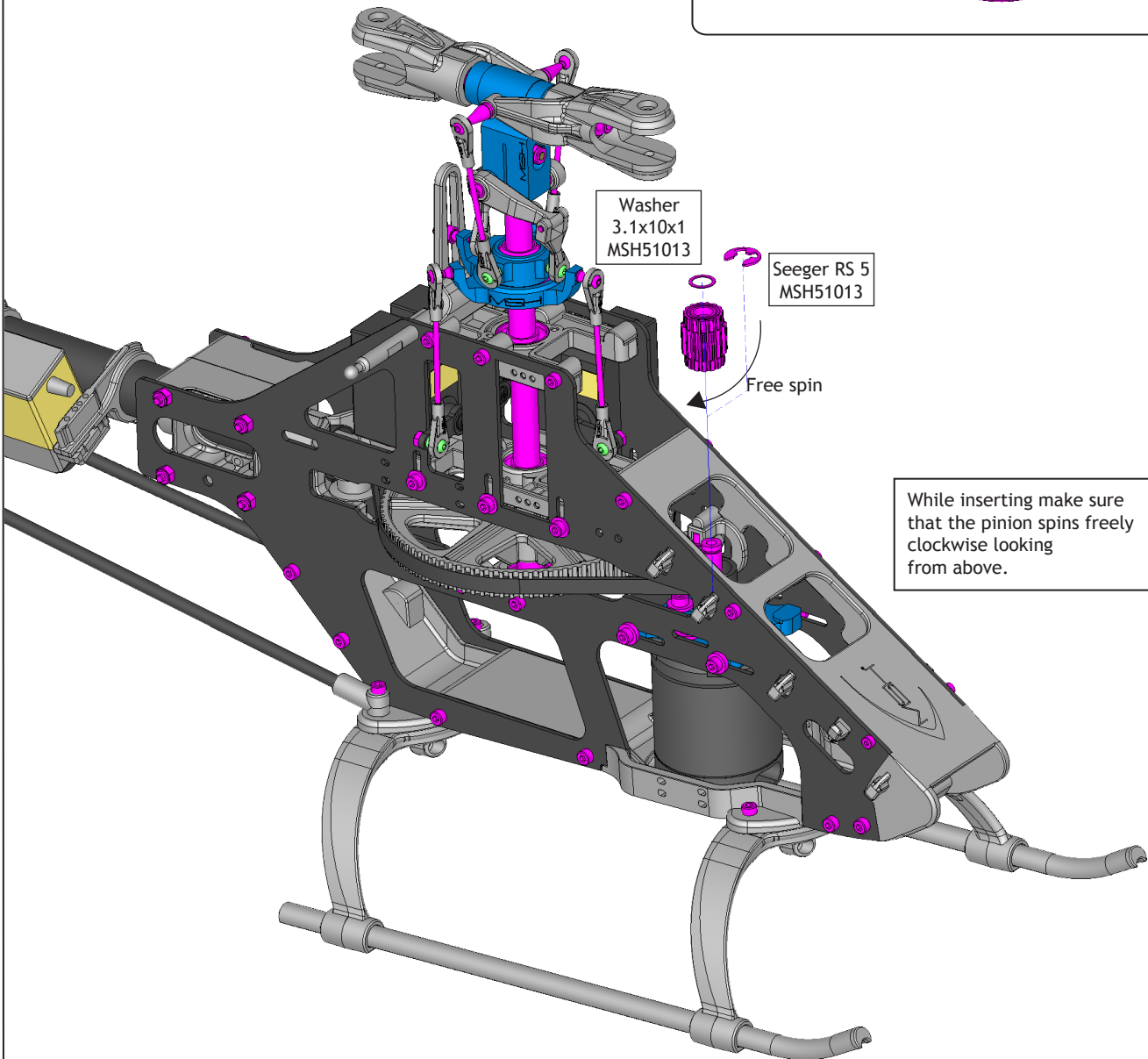
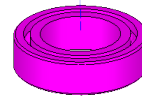
BB 6x10x2.5



Pinion 14T
MSH51013



BB 6x10x2.5

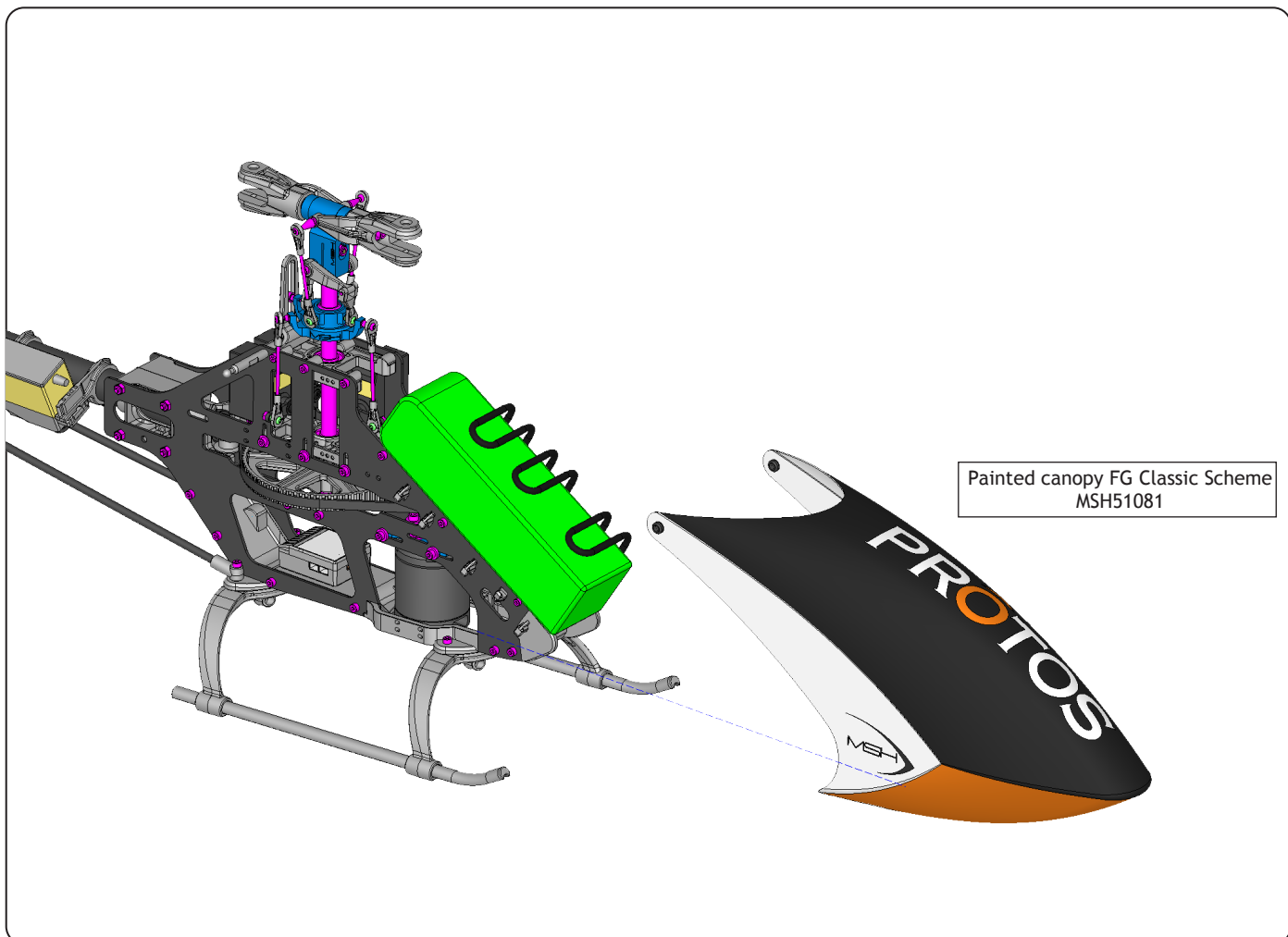
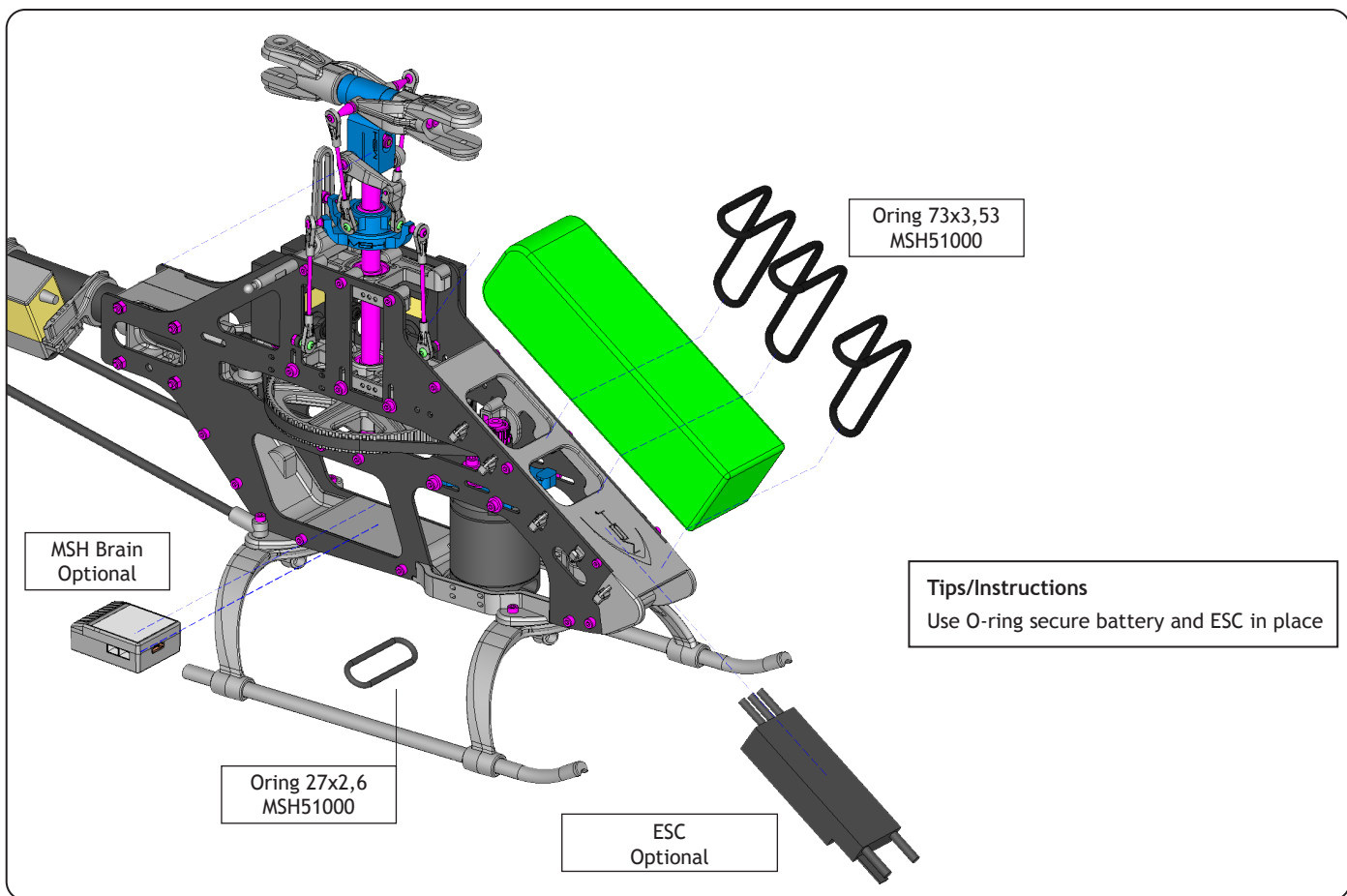


Washer
3.1x10x1
MSH51013

Seeger RS 5
MSH51013

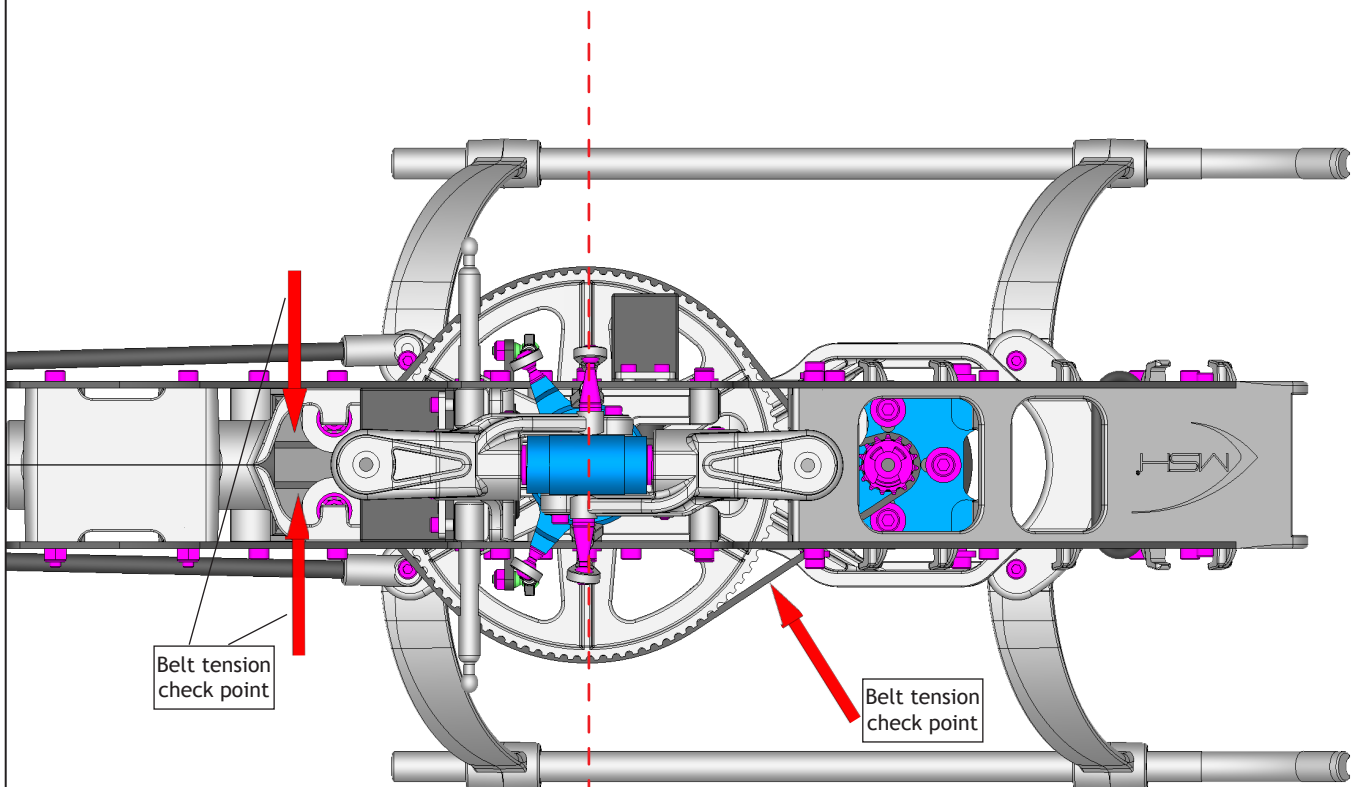
Free spin

While inserting make sure
that the pinion spins freely
clockwise looking
from above.



Belt Tension Adjustment

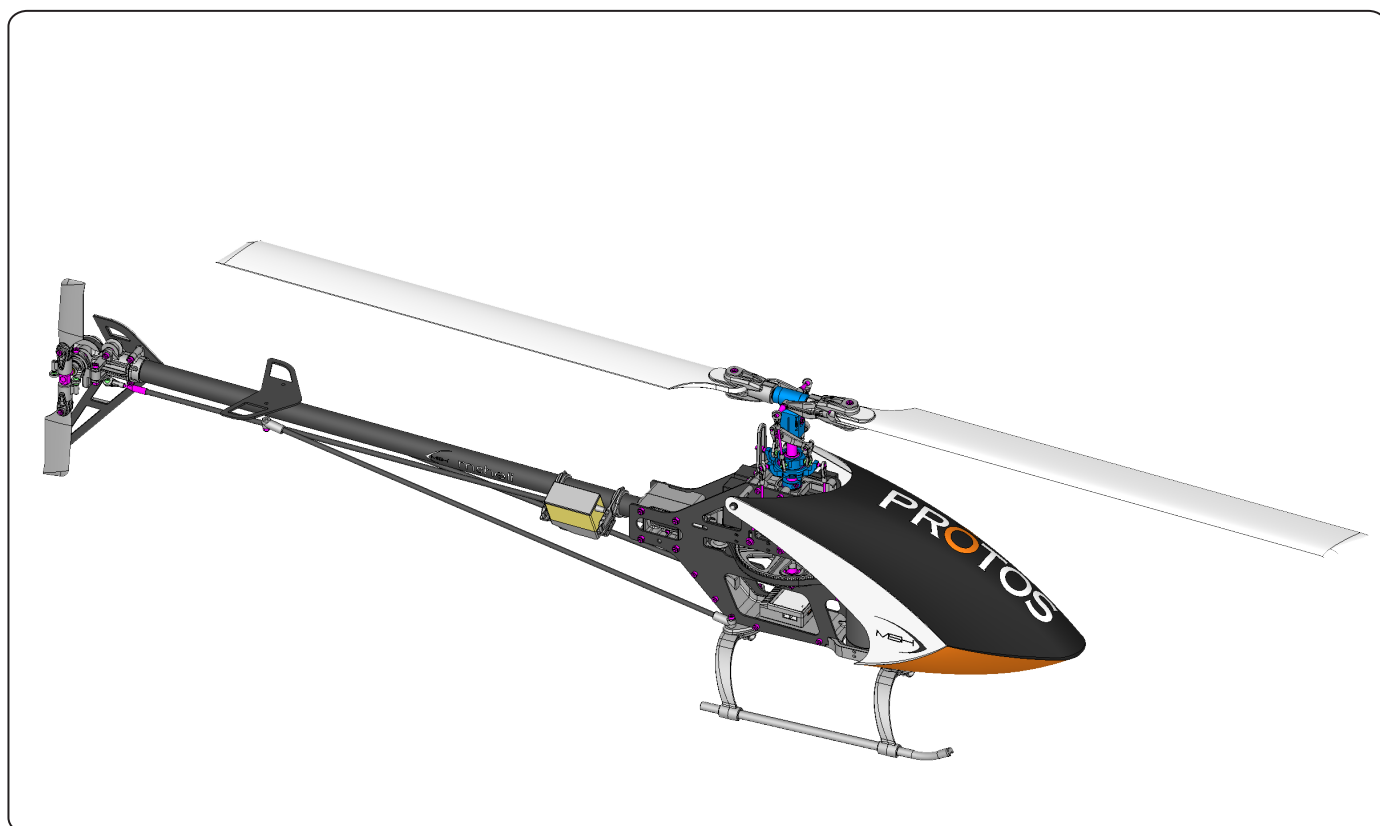
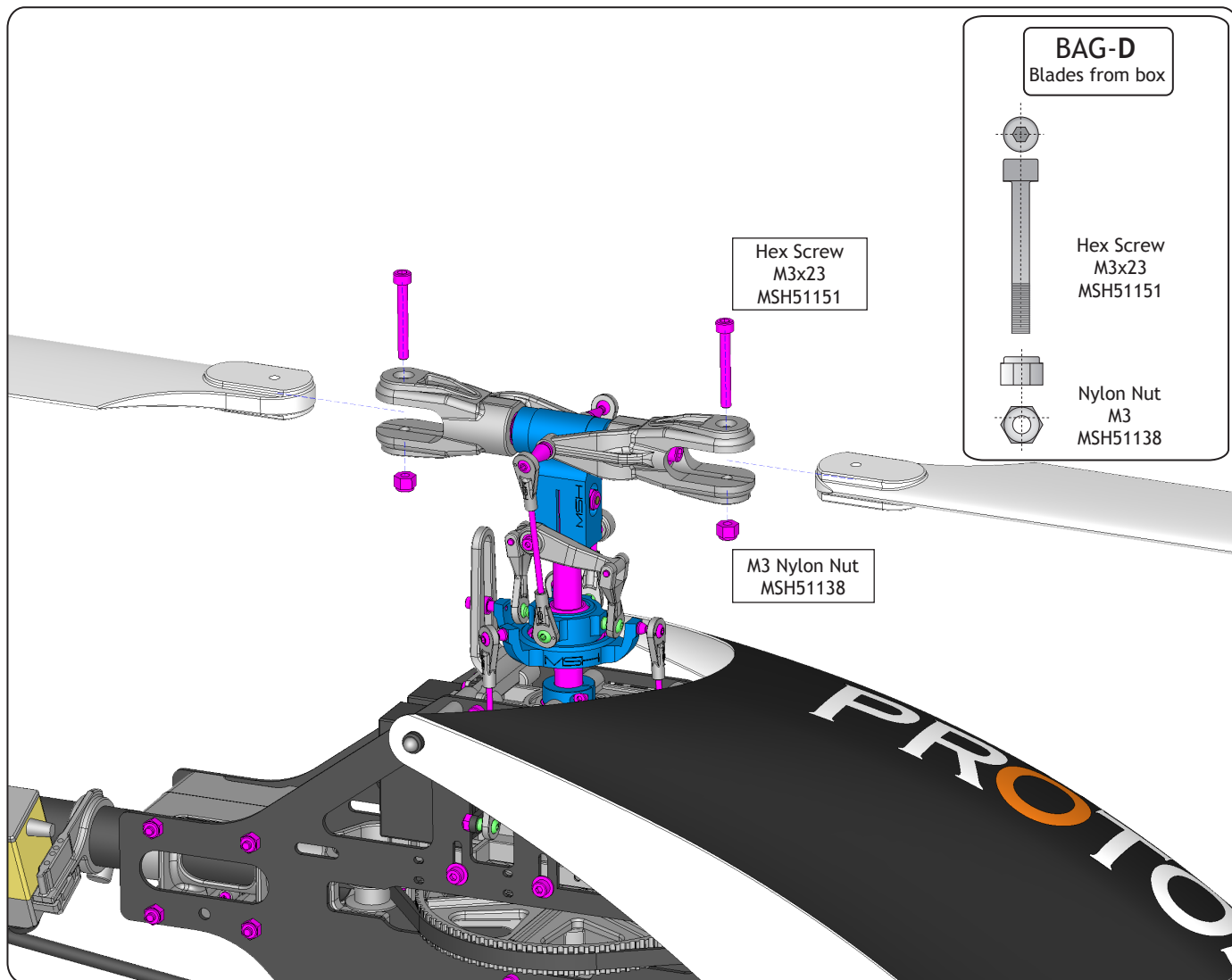
Please make sure that belt tension is set properly on boths sides.
Front and Rear tension is set independently !!



Rear tension adjustment
(set with boom case position)

Front tension adjustment
(set with motor position)

Pressing the belt moderately, it should move 2-3 mm.
Test tension as indicated in the picture.



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Italy

Spare code : MSH51012	Spare description: Landing gear set	
	Part description	Part Qty
	Landing gear struts	2
	Skids	2
Spare code : MSH51013	Spare description: Pinion 15T	
	Part description	Part Qty
	Motor pulley 15T	1
	Oneway BB 6x10x12	1
	BB 6x10x2,5	2
	Seeger RS 5	1
	Washer 6x8x0,3	1
Spare code : MSH51014	Spare description: Pinion 16T	
	Part description	Part Qty
	Motor pulley 16T	1
	Oneway BB 6x10x12	1
	BB 6x10x2,5	2
	Seeger RS 5	1
	Washer 6x8x0,3	1
Spare code : MSH51015	Spare description: Pinion 17T	
	Part description	Part Qty
	Motor pulley 17T	1
	Oneway BB 6x10x12	1
	BB 6x10x2,5	2
	Seeger RS 5	1
	Washer 6x8x0,3	1
Spare code : MSH51016	Spare description: Pinion 18T	
	Part description	Part Qty
	Motor pulley 18T	1
	Oneway BB 6x10x12	1
	BB 6x10x2,5	2
	Seeger RS 5	1
	Washer 6x8x0,3	1
Spare code : MSH51017	Spare description: Pinion 19T	
	Part description	Part Qty
	Motor pulley 19T	1
	Oneway BB 6x10x12	1
	BB 6x10x2,5	2
	Seeger RS 5	1
	Washer 6x8x0,3	1

Spare code : MSH51018	Spare description: Pinion 20T	
	Part description	Part Qty
	Motor pulley 20T	1
	Oneway BB 6x10x12	1
	BB 6x10x2,5	2
	Seeger RS 5	1
	Washer 6x8x0,3	1
Spare code : MSH51020	Spare description: Swashplate	
	Part description	Part Qty
	Ball M2x2,8	7
	Swashplate bushing	1
	Piatto 500	1
	BB 2x5x2,5	2
	Hex screw M2x10	1
Spare code : MSH51023	Spare description: Servo rods set	
	Part description	Part Qty
	Rod D 42,5mm	3
Spare code : MSH51028	Spare description: Washout uniball arm	
	Part description	Part Qty
	Wash out uniball arm	2
Spare code : MSH51030	Spare description: Uniball Link L	
	Part description	Part Qty
	Uniball hand L	10
Spare code : MSH51032	Spare description: Tail pitch assembly	
	Part description	Part Qty
	BB 7x11x3	2
	Pin 1,5x8	2
	Slide shaft	1
	Tail pitch plate	1
	Tail uniball hand	2
	Tail pitch plate boss	1
Spare code : MSH51033	Spare description: Tail guide pulley	
	Part description	Part Qty
	Tail guide pulley bushing	1
	BB 3x8x3	2
	Guide pulley	1
Spare code : MSH51034	Spare description: Guide pulleys	
	Part description	Part Qty
	BB 3x8x3	6
	Pin 3x14	3
	Guide pulley	3

Spare code : MSH51037	Spare description: Servo adapter set	
	Part description	Part Qty
	Servo adapter	1
Spare code : MSH51038	Spare description: Tail blades	
	Part description	Part Qty
	Tail blade	2
Spare code : MSH51039	Spare description: 10mm Main blade holders	
	Part description	Part Qty
	BB 5x10x4	4
	Thrust BB 5x10x4	2
	Main blade holder	2
	Hex screw M2x10	2
	Hex screw M3x23 6mm threaded	2
	M3 nylon nut	2
	Washer 5x7,5x0,2	2
Spare code : MSH51041	Spare description: Servo frames	
	Part description	Part Qty
	BB 8x16x5	2
	Servo frame comolded	2
	Servo adapter	1
	Hex screw M2x10	12
	Hex screw M2,5x5	2
	Hex screw M2,5x6	10
	Hex grub screw M2,5x12 Washer 2.6x6.5x1.5	2
		6
Spare code : MSH51042	Spare description: Antispin and front pulley holder	
	Part description	Part Qty
	Guide pulley support	1
	Anti swashplate spin	1
	Hex screw M2,5x8	4
Spare code : MSH51044	Spare description: Tail box	
	Part description	Part Qty
	BB 5x10x4	2
	Tail box R	1
	Tail box L	1
	Hex screw M2,5x16	1
	Hex screw M2,5x20	3
	M2,5 nylon nut	4

Spare code : MSH51045

Spare description: Tail pitch lever

Part description	Part Qty
Ball M2x4,8	1
Tail pitch lever bushing	1
BB 3x6x2,5	2
Tail pitch lever	1
M2,5x5 Special tail pitch lever screw	2
Hex screw M2,5x16	1
M2,5 nylon nut	1

Spare code : MSH51046

Spare description: Tail rotor

Part description	Part Qty
Ball M2x4,8	2
Tail spindle	1
BB 3x8x4	4
Tail blade holder	2
Hex screw M2,5x16	2
Hex screw M3x12	2
Hex grub screw M3x3	1
M2,5 nylon nut	2

Spare code : MSH51047

Spare description: Tail blade holders

Part description	Part Qty
Tail blade holder	2

Spare code : MSH51048

Spare description: Tail spindle

Part description	Part Qty
Tail spindle	1
Hex screw M3x12	2
Hex grub screw M3x3	1

Spare code : MSH51049

Spare description: Fin set assembly

Part description	Part Qty
Horizontal fin clamp Lower part	1
Horizontal fin plastic	1
Horizontal fin clamp Upper part	1
Vertical fin plastic	1
Hex screw M2,5x25	2
M2,5 nylon nut	2

Spare code : MSH51050

Spare description: Fin set

Part description	Part Qty
Horizontal fin plastic	1
Vertical fin plastic	1

Spare code : MSH51051	Spare description: Tail servo holder	
	Part description	Part Qty
	Tail servo holder	2
	Servo adapter	1
	Hex screw M2x10	4
	Hex screw M2,5x12	2
Spare code : MSH51052	Spare description: Main Pulley	
	Part description	Part Qty
	Main gear	1
	Hex screw M3x20	1
	M3 nylon nut	1
Spare code : MSH51053	Spare description: Main frame assembly	
	Part description	Part Qty
	Main frame R	1
	Main frame L	1
	Guide pulley support	1
	Anti swashplate spin	1
	Hex screw M2,5x8	4
	Hex screw M2,5x16	5
	Hex screw M2,5x42	4
	Self tapping screw	1
M2,5 nylon nut	9	
Spare code : MSH51054	Spare description: Canopy grommets	
		Part Qty
		4
Spare code : MSH51055	Spare description: Canopy mounting post	
	Part description	Part Qty
	Canopy stand	2
	Hex grub screw M2,5x12	2
Spare code : MSH51056	Spare description: Tail boom case	
	Part description	Part Qty
	Tail boom case	2
	Hex screw M2,5x42	4
	Self tapping screw	2
	M2,5 nylon nut	4
Spare code : MSH51057	Spare description: Motor mount	
	Part description	Part Qty
	Motor mount	1
	Hex screw M3x8	4
	Washer 3.1x8x1	4
	Washer 2.6x6.5x1.5	4

Spare code : MSH51059	Spare description: White canopy	
	Part description	Part Qty
	Canopy White	1
	Canopy grommet	2
Spare code : MSH51061	Spare description: Blade sponge holder	
	Part description	Part Qty
	Main Blade Sponge Holder PROTOS (orange)	1
Spare code : MSH51062	Spare description: MSH main blades CF (430mm)	
	Part description	Part Qty
	Main blade MSH lenght=430mm root=10mm	1
Spare code : MSH51063	Spare description: Motor	
	Part description	Part Qty
	Scorpion Motor 880Kv	1
Spare code : MSH51065	Spare description: Thrust 5x10x4	
	Part description	Part Qty
	Thrust BB 5x10x4	2
Spare code : MSH51066	Spare description: 2x5x2,5 F	
	Part description	Part Qty
	BB 2x5x2,5 Flanged	2
Spare code : MSH51067	Spare description: 8x16x5	
	Part description	Part Qty
	BB 8x16x5	3
Spare code : MSH51068	Spare description: 3x6x2,5	
	Part description	Part Qty
	BB 3x6x2,5	2
Spare code : MSH51069	Spare description: 7x11x3	
	Part description	Part Qty
	BB 7x11x3	2
Spare code : MSH51070	Spare description: 3x8x4	
	Part description	Part Qty
	BB 3x8x4	4
Spare code : MSH51071	Spare description: 5x10x4	
	Part description	Part Qty
	BB 5x10x4	4
Spare code : MSH51072	Spare description: 3x8x3	
	Part description	Part Qty
	BB 3x8x3	2

Spare code : MSH51073	Spare description: 6x10x2,5	
	Part description	Part Qty
	BB 6x10x2,5	2
Spare code : MSH51074	Spare description: 2x5x2,5	
	Part description	Part Qty
	BB 2x5x2,5	2
Spare code : MSH51075	Spare description: 2,5x6x2,5 F	
	Part description	Part Qty
	BB 2,5x6x2,5 Flanged	2
Spare code : MSH51078	Spare description: Painted canopy FG New Scheme	
	Part description	Part Qty
	Canopy grommet	2
	Canopy New Scheme	1
Spare code : MSH51080	Spare description: Steel main shaft solid	
	Part description	Part Qty
	Hex screw M3x8	1
	Main shaft locking washer 3.1x10x1	1
	Main shaft solid	2
Spare code : MSH51081	Spare description: Painted canopy FG Classic Scheme	
	Part description	Part Qty
	Canopy Classic Scheme	1
Spare code : MSH51082	Spare description: Servo frames PLASTIC ONLY	
	Part description	Part Qty
	Servo frame comolded	2
	Servo adapter	1
Spare code : MSH51085	Spare description: 10mm Main blade holder PLASTIC ONLY	
Part code	Part description	Part Qty
MSH50083	Main blade holder	2
Spare code : MSH51086	Spare description: Tail box PLASTIC ONLY	
Part code	Part description	Part Qty
MSH50078	Tail box R	1
MSH50079	Tail box L	1
Spare code : MSH51089	Spare description: Main Frame PLASTIC ONLY	
Part code	Part description	Part Qty
MSH50066	Main frame R	1
MSH50070	Main frame L	1
MSH50071	Guide pulley support	1
MSH50080	Anti swashplate spin	1

Spare code : MSH51091	Spare description: Carbon frame - Plastic parts	
Part code	Part description	Part Qty
MSH50148	Battery plate	1
MSH50150	Third BB support	1
MSH50208	Lower plate 90°	1
Spare code : MSH51092	Spare description: CF Frame plates	
Part code	Part description	Part Qty
MSH50151	Carbon frame L	1
MSH50152	Carbon frame R	1
Spare code : MSH51093	Spare description: ESC MSH by YGE 60 A	
Part code	Part description	Part Qty
MSH40088	ESC YGE by MSH 60 A	1
Spare code : MSH51094	Spare description: CF Fins set	
Part code	Part description	Part Qty
MSH50154	Vertical Fin CF	1
MSH50155	Horizontal fin CF	1
Spare code : MSH51118	Spare description: Flybarless long stand uniball	
Part code	Part description	Part Qty
MSH50176	Ball Long stand grips FBL	2
MSH50353	Main blade washer FBL 500	2
Spare code : MSH51119	Spare description: Flybarless spindle kit	
Part code	Part description	Part Qty
MSH50177	FBL spindle	1
MSH50178	Spindle spacers FBL	2
Spare code : MSH51120	Spare description: Flybarless swashplate ball	
Part code	Part description	Part Qty
MSH50175	Ball swashplate FBL	3
Spare code : MSH51136	Spare description: M2 Nylon nut	
Part code	Part description	Part Qty
MSH40029	M2 nylon nut	10
Spare code : MSH51137	Spare description: M2,5 Nylon nut	
Part code	Part description	Part Qty
MSH50124	M2,5 nylon nut	10
Spare code : MSH51138	Spare description: M3 Nylon nut	
Part code	Part description	Part Qty
MSH50125	M3 nylon nut	5
Spare code : MSH51139	Spare description: M3x8 Socket head button screw	
Part code	Part description	Part Qty
MSH50147	Hex screw M3x8 button head	5

Spare code : MSH51140	Spare description: M2,5x42 Socket head cap screw
Part code	Part description
MSH50109	Hex screw M2,5x42
	Part Qty
	8
Spare code : MSH51141	Spare description: M2x10 Socket head cap screw
Part code	Part description
MSH50099	Hex screw M2x10
	Part Qty
	10
Spare code : MSH51142	Spare description: M2x6 Socket head cap screw
Part code	Part description
MSH50098	Hex screw M2x6
	Part Qty
	10
Spare code : MSH51143	Spare description: M2,5x10 Socket head cap screw
Part code	Part description
MSH50104	Hex screw M2,5x10
	Part Qty
	10
Spare code : MSH51144	Spare description: M2,5x12 Socket head cap screw
Part code	Part description
MSH50105	Hex screw M2,5x12
	Part Qty
	10
Spare code : MSH51145	Spare description: M2,5x16 Socket head cap screw
Part code	Part description
MSH50106	Hex screw M2,5x16
	Part Qty
	5
Spare code : MSH51146	Spare description: M2,5x20 Socket head cap screw
Part code	Part description
MSH50107	Hex screw M2,5x20
	Part Qty
	5
Spare code : MSH51147	Spare description: M2,5x25 Socket head cap screw
Part code	Part description
MSH50108	Hex screw M2,5x25
	Part Qty
	5
Spare code : MSH51148	Spare description: M2,5x5 Socket head cap screw
Part code	Part description
MSH50101	Hex screw M2,5x5
	Part Qty
	10
Spare code : MSH51149	Spare description: M3x12 Socket head cap screw
Part code	Part description
MSH50111	Hex screw M3x12
	Part Qty
	5
Spare code : MSH51150	Spare description: M3x20 Socket head cap screw
Part code	Part description
MSH50113	Hex screw M3x20
	Part Qty
	5
Spare code : MSH51151	Spare description: M3x23 6mm threaded Socket head cap screw
Part code	Part description
MSH50114	Hex screw M3x23 6mm threaded
	Part Qty
	4

Spare code : MSH51152	Spare description: M3x8 Socket head cap screw
Part code	Part description
MSH50110	Hex screw M3x8
	Part Qty
	5
Spare code : MSH51153	Spare description: M2,5x6 Socket head cap screw
Part code	Part description
MSH50102	Hex screw M2,5x6
	Part Qty
	10
Spare code : MSH51154	Spare description: M2,5x8 Socket head cap screw
Part code	Part description
MSH50103	Hex screw M2,5x8
	Part Qty
	10
Spare code : MSH51155	Spare description: M3x14 Socket head cap screw
Part code	Part description
MSH50112	Hex screw M3x14
	Part Qty
	5
Spare code : MSH51157	Spare description: M3x16 Socket head cap screw
Part code	Part description
MSH70083	Hex screw M3x16
	Part Qty
	5
Spare code : MSH51158	Spare description: M2,5x12 Socket set screw
Part code	Part description
MSH50115	Hex grub screw M2,5x12
	Part Qty
	5
Spare code : MSH51159	Spare description: M3x3 Socket set screw
Part code	Part description
MSH50117	Hex grub screw M3x3
	Part Qty
	5
Spare code : MSH51160	Spare description: M3x5 Socket set screw
Part code	Part description
MSH50116	Hex grub screw M3x5
	Part Qty
	5
Spare code : MSH51161	Spare description: M2,5x5 Tail pitch lever customized screw
Part code	Part description
MSH50100	M2,5x5 Special tail pitch lever screw
	Part Qty
	6
Spare code : MSH51162	Spare description: Head dampeners moulded standard (black)
Part code	Part description
MSH50178	Spindle spacers FBL
	Part Qty
	2
MSH50202	Dumper main head 500
	Part Qty
	2
Spare code : MSH51164	Spare description: Head link FBL (short head)
Part code	Part description
MSH50046	Rod D 42,5mm
	Part Qty
	2
MSH50092	Uniball hand L
	Part Qty
	4

Spare code : MSH51165		Spare description: Main hub (short)	
Part code	Part description	Part Qty	
MSH50125	M3 nylon nut	1	
MSH50202	Dumper main head 500	2	
MSH50206	Low flybarless hub	1	
MSH70083	Hex screw M3x16	1	
Spare code : MSH51317		Spare description: Bearing set motor 880 KV	
Part code	Part description	Part Qty	
MSH50345	Motor bearing set 880KV	1	
Spare code : MSH51320		Spare description: MSH/YGE ProgCard II	
Part code	Part description	Part Qty	
MSH50348	MSH/YGE ProgCard	1	
Spare code : MSH51322		Spare description: Tail boom stretch	
Part code	Part description	Part Qty	
MSH50191	Tail Boom stretch	2	
Spare code : MSH51323		Spare description: Belt stretch	
Part code	Part description	Part Qty	
MSH50192	Belt 1464 x 5mm	1	
Spare code : MSH51324		Spare description: Tail supports stretch	
Part code	Part description	Part Qty	
MSH50065	Brace rod end	4	
MSH50193	Tail boom brace stretch	2	
Spare code : MSH51325		Spare description: Tail control rod stretch	
Part code	Part description	Part Qty	
MSH50092	Uniball hand L	2	
MSH50166	Tail control rod fitting	2	
MSH50194	Tail control rod stretch	1	
Spare code : MSH51336		Spare description: Flybarless washout arms	
Part code	Part description	Part Qty	
MSH40012	BB Spacers	2	
MSH50039	BB 2x5x2,5	4	
MSH50058	Pin 2x12	2	
MSH50097	Wash out uniball arm	2	
MSH50099	Hex screw M2x10	2	
MSH50201	Wash out arm FBL	2	

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