

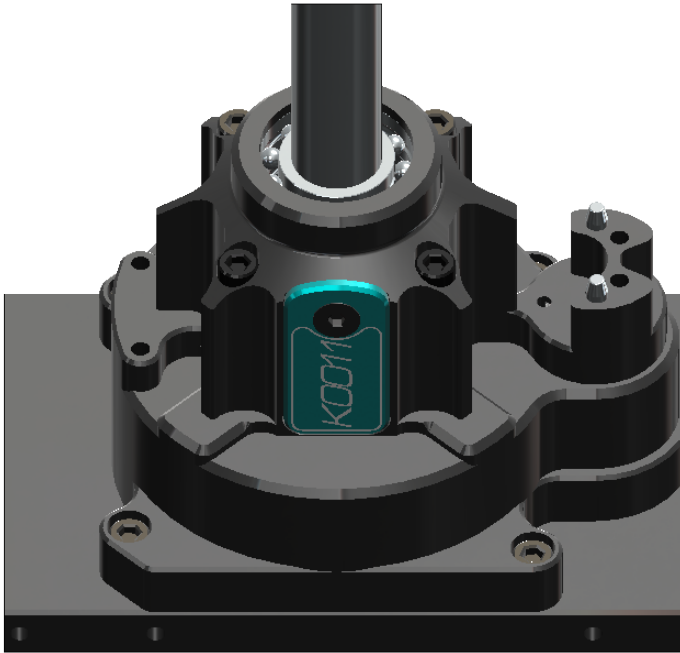
MANUAL

IL GOBLIN
61

IL GOBLIN
NITRO
COMPETIZIONE
THE ITALIAN HELI

SAB HELI DIVISION

 Please read this user manual carefully, it contains instructions for the correct assembly of the model.
Please refer to the website www.goblin-helicopter.com for updates and other important information.



VERY IMPORTANT

You will find your serial number on the BLUE plate of the transmission module and on the product card included with your kit.
Please take a moment to register your kit online via our website at:

<http://www.goblin-helicopter.com>

It is extremely important that you take a moment to register your helicopter with us. This is the only way to ensure that you are properly informed about changes to your kit, such as upgrades, retrofits and other important developments. SAB Heli Division cannot be held responsible for any issues with your model and will not provide support unless you register your model.

The Serial number is also engraved in the Aluminum part.

Thank you for your purchase, we hope you enjoy your new Goblin helicopter!

SAB Heli Division

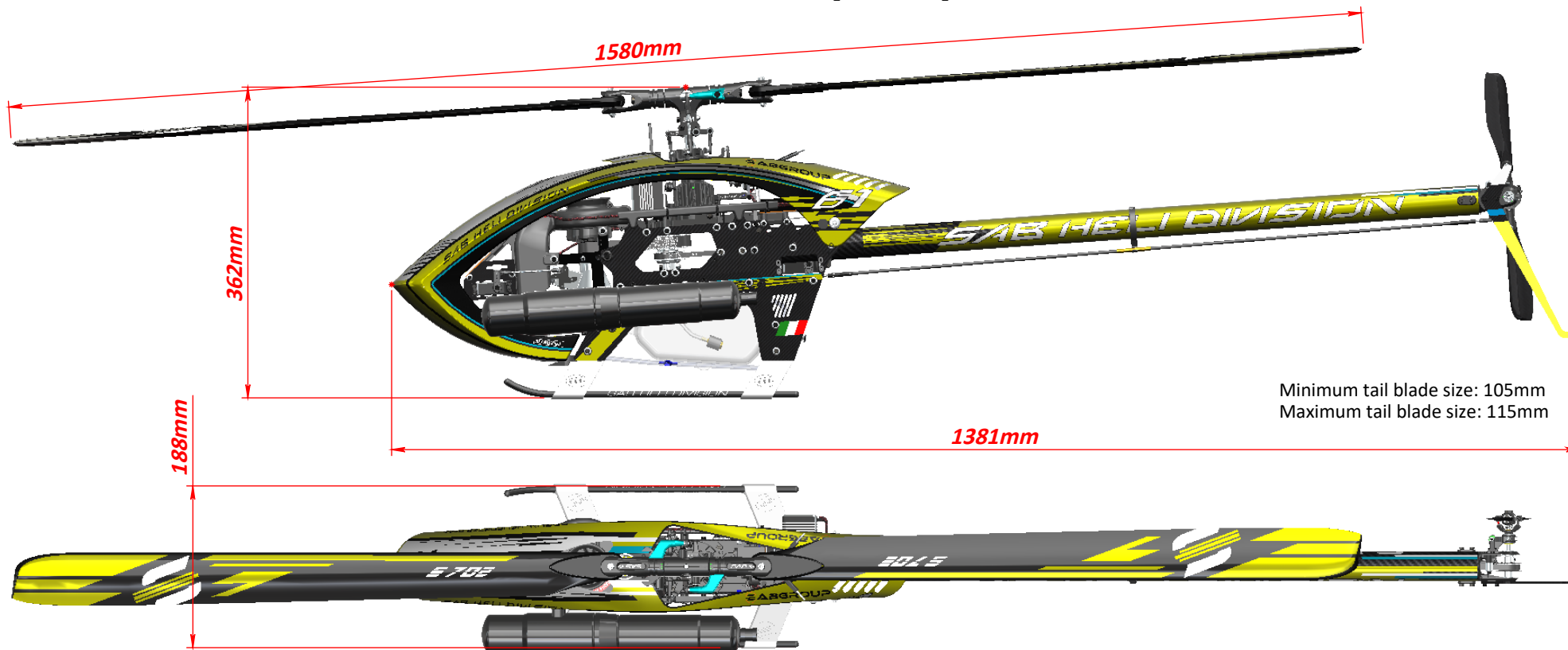
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ILGOBLIN PIUMA COMPETIZIONE NITRO [SG781] TECHNICAL SPECIFICATIONS



Minimum tail blade size: 105mm
Maximum tail blade size: 115mm

- **AIRFRAME weight:** 4020 gr (RTF no Fuel).
- **Main rotor diameter:** 1580 mm (with 702 mm blade).
- **Main blade length:** 650 to 730mm.
- **Tail rotor diameter:** 292 mm (with 110 mm tail blade).
- **Tail blade length:** 105 to 115 mm.
- **Main shaft: 12 mm, Tail shaft: 6 mm.**
- **Round carbon tail boom .**

KIT Includes:

- 26T motor pulley (other pulley sizes available).
- OS Engine Shaft (other available).

- **Cyclic Servos:** Standard size 40mm.
- **Tail Servo:** Standard size 40mm.
- **Main Rotor Ratio:** 8.3 to 7.7 (26T included: 8.3:1).
- **Tail Rotor Ratio:** 5.1-4.9:1 (26T included: 4.9:1).
- **Engine:** .90 to .105 Nitro Heli Engine.
- **Tank Capacity:** 650ml.
- **RX Battery Size:** 2S-1800 / 2500 mAh.

- S702 (702 mm main blade).
- S110 (110 mm tail blade).

IMPORTANT NOTES

- *This radio-controlled helicopter is not a toy.
- *This radio-controlled helicopter can be very dangerous.
- *This radio-controlled helicopter is a technically complex device which has to be built and handled very carefully.
- *This radio-controlled helicopter must be built following these instructions. This manual provides the necessary information to correctly assemble the model.
- *Inexperienced pilots must be monitored by expert pilots.
- *All operators must wear safety glasses and take appropriate safety precautions.
- *A radio-controlled helicopter must only be used in open spaces without obstacles, and far enough from people to minimize the possibility of accidents or of injury to property or persons.
- *A radio-controlled helicopter can behave in an unexpected manner, causing loss of control of the model, making it very dangerous.
- *Lack of care with assembly or maintenance can result in an unreliable and dangerous model.

***Neither SAB Heli Division nor its agents have any control over the assembly, maintenance and use of this product. Therefore, no responsibility can be traced back to the manufacturer. You hereby agree to release SAB Heli Division from any responsibility or liability arising from the use of this product.**

SAFETY GUIDELINES

- *Fly only in areas designated for the use of model helicopters.
- *Follow all control procedures for the radio frequency system.
- *It is necessary that you know your radio system well. Check all functions of the transmitter before every flight.
- *The blades of the model rotate at a very high speed; be aware of the danger they pose and the damage they may cause.
- *Never fly in the vicinity of other people.

DAMAGE LIMITS

SAB HELI DIVISION SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR PRODUCTION OR COMMERCIAL LOSS IN ANY WAY CONNECTED WITH THE PRODUCT, WHETHER SUCH CLAIM IS BASED IN CONTRACT, WARRANTY, NEGLIGENCE, OR STRICT LIABILITY. Further, in no event shall the liability of SAB Heli Division exceed the individual price of the product on which liability is asserted. As SAB Heli Division has no control over use, setup, final assembly, modification or misuse, no liability shall be assumed nor accepted for any resulting damage or injury. By the act of use, setup or assembly the user accepts all resulting liability. If you as the Purchaser or user are not prepared to accept the liability associated with the use of this Product, you are advised to return this Product immediately in new and unused condition to the place of purchase.

LIMITED WARRANTY

SAB Heli Division reserves the right to change or modify this warranty without notice and disclaims all other warranties, express or implied.

(a) This warranty is limited to the original Purchaser ("Purchaser") and is not transferable. REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE PURCHASER. This warranty covers only those Products purchased from an authorized SAB Heli Division dealer. Third party transactions are not covered by this warranty. Proof of purchase is required for warranty claims.

(b) Limitations- SAB HELI DIVISION MAKES NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, ABOUT NONINFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE PRODUCT. THE PURCHASER ACKNOWLEDGES THAT THEY ALONE HAVE DETERMINED THAT THE PRODUCT WILL SUITABLY MEET THE REQUIREMENTS OF THE PURCHASER'S INTENDED USE.

(c) Purchaser Remedy - SAB Heli Division's sole obligation hereunder shall be that SAB Heli Division will, at its option, replace any product determined by SAB Heli Division to be defective. In the event of a defect, this is the Purchaser's exclusive remedy. Replacement decisions are at the sole discretion of SAB Heli Division. This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of or to any part of the Product. This warranty does not cover damage due to improper installation, operation, maintenance or attempted repair by anyone.

NOTE FOR ASSEMBLY



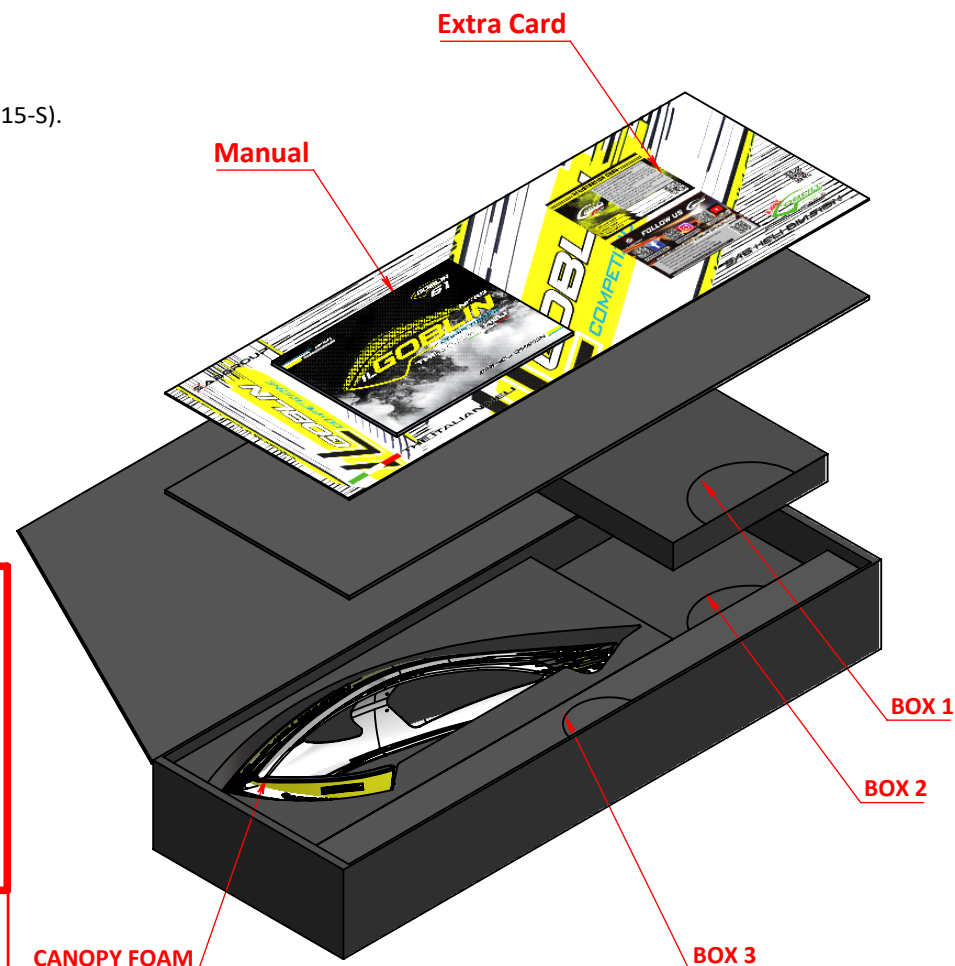
ADDITIONAL COMPONENTS REQUIRED

- *Engine: .90 to .105 Nitro Heli Engine.
- *Muffler suited for the engine being used.
- *Batteries: 2S – 1800/2500mAh.
- *Governor unit.
- *1 flybarless 3 axis control unit.
- *Radio power system.
- *3 cyclic servos.
- *1 tail rotor servo.
- *6 channel radio control system on 2.4 GHz.
- *Fuel.

TOOLS, LUBRICANTS, ADHESIVES


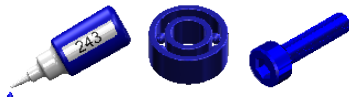
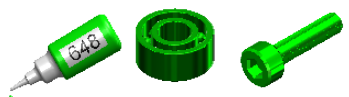



- *Generic pliers.
- *Hexagonal driver, size 1.5, 2, 2.5, 3mm.
- *4/5mm T-Wrench.
- *5.5mm Socket wrench (for M3 nuts).
- *8mm Hex fork wrench (for M5 nuts).
- *Medium threadlocker (SAB p/n HA116-S).
- *Strong retaining compound (SAB p/n HA115-S).
- *Spray lubricant (eg. Try-Flow Oil).
- *Synthetic grease (eg. Microlube 261).
- *Cyanoacrylate adhesive.
- *Pitch Gauge (for set-up).
- *Soldering equipment (for motor wiring).

INSIDE THE MAIN BOX THERE ARE:



NOTES FOR ASSEMBLY

Please refer to this manual for assembly instructions for this model. Follow the order of assembly indicated. The instructions are divided into chapters, which are structured in a way that each step is based on the work done in the previous step. Changing the order of assembly may result in additional or unnecessary steps. Use thread lockers and retaining compounds as indicated. In general, each bolt or screw that engages with a metal part requires thread lock. It is necessary to pay attention to the symbols listed below:

 <p>Important</p>	 <p>Blue screw and blue bearing in the illustration means you need to use: Thread Locker Medium Strength (SAB HA116-S)</p>	 <p>Green screw and Green bearing in the illustration means you need to use: Use retaining compound (SAB HA115-S)</p>
 <p>Indicates that for this assembly phase you need materials that are: BOX xxx, BAG xxx.</p>	 <p>Use CA Glue</p>	 <p>Use Proper Lubricant</p>

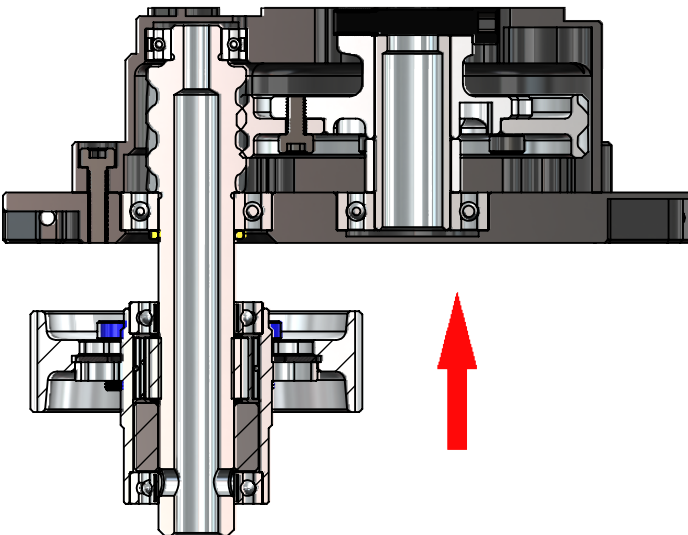
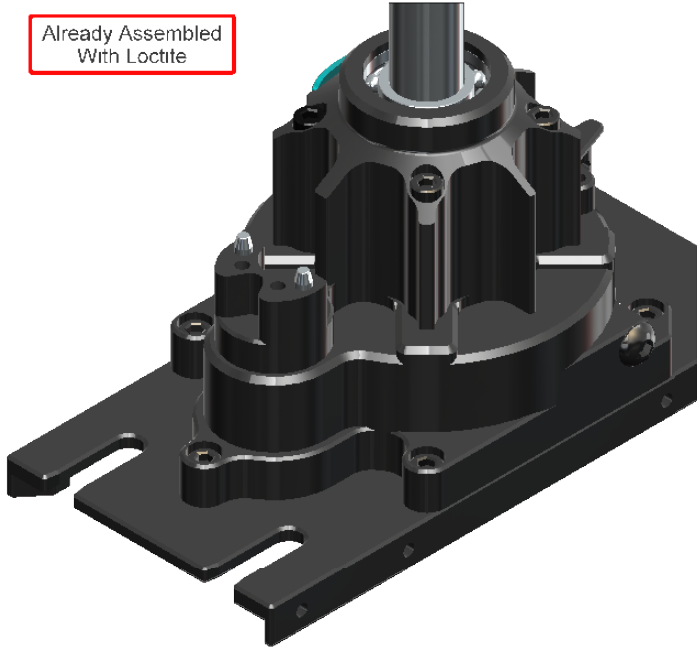
The assembly process is described in the following chapters. Each chapter provides you with the box, bag and/or foam numbers you will need for that chapter. The information is printed in a black box in the upper corner of the page.

BOXES 1-2 , BAG FOR PAGE 5

TRANSMISSION GROUP ASSEMBLED AND VERIFIED

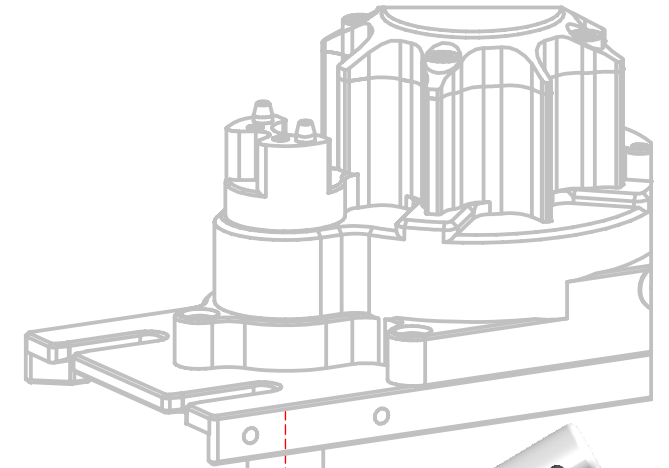
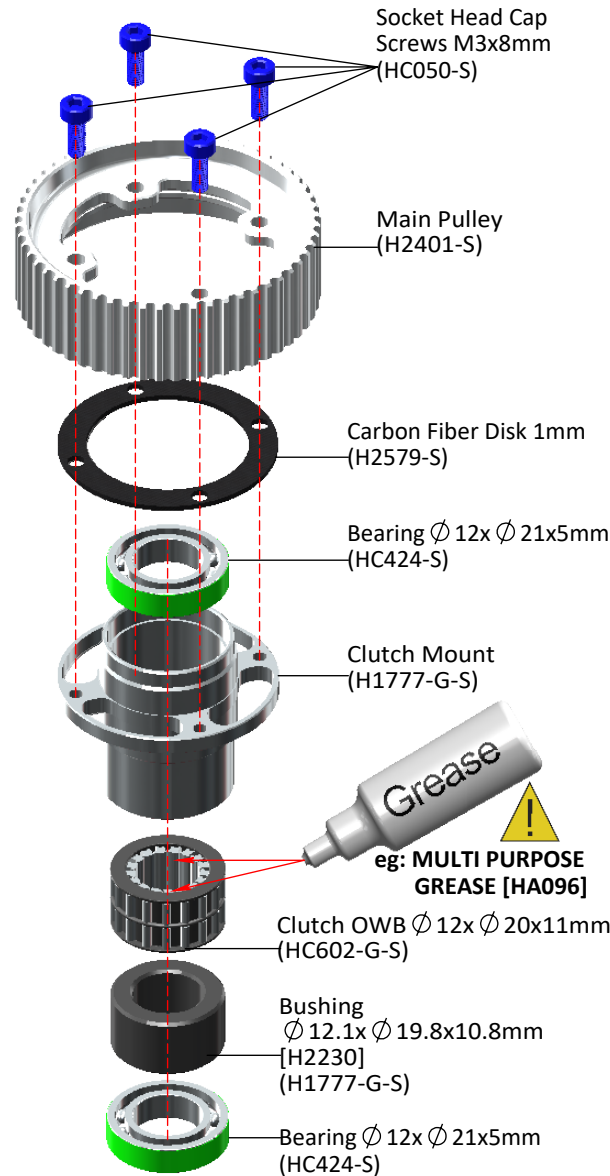
The unit is ready to use. Check **page 37** for more information.

Already Assembled
With Loctite



MAIN PULLEY ASSEMBLY

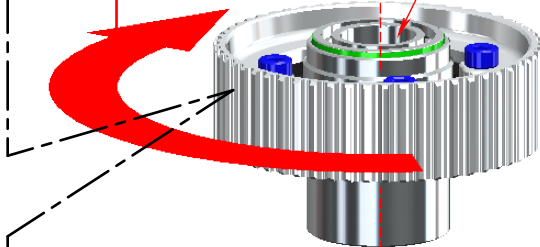
Already Assembled
With Loctite



Bushing $\varnothing 12.1x \varnothing 15x1.4$ [H1275] (H1777-G-S)

eg: MULTI PURPOSE GREASE [HA096]

FREE TURN PULLEY



Front Tail Pulley Assembly (H1778-S)

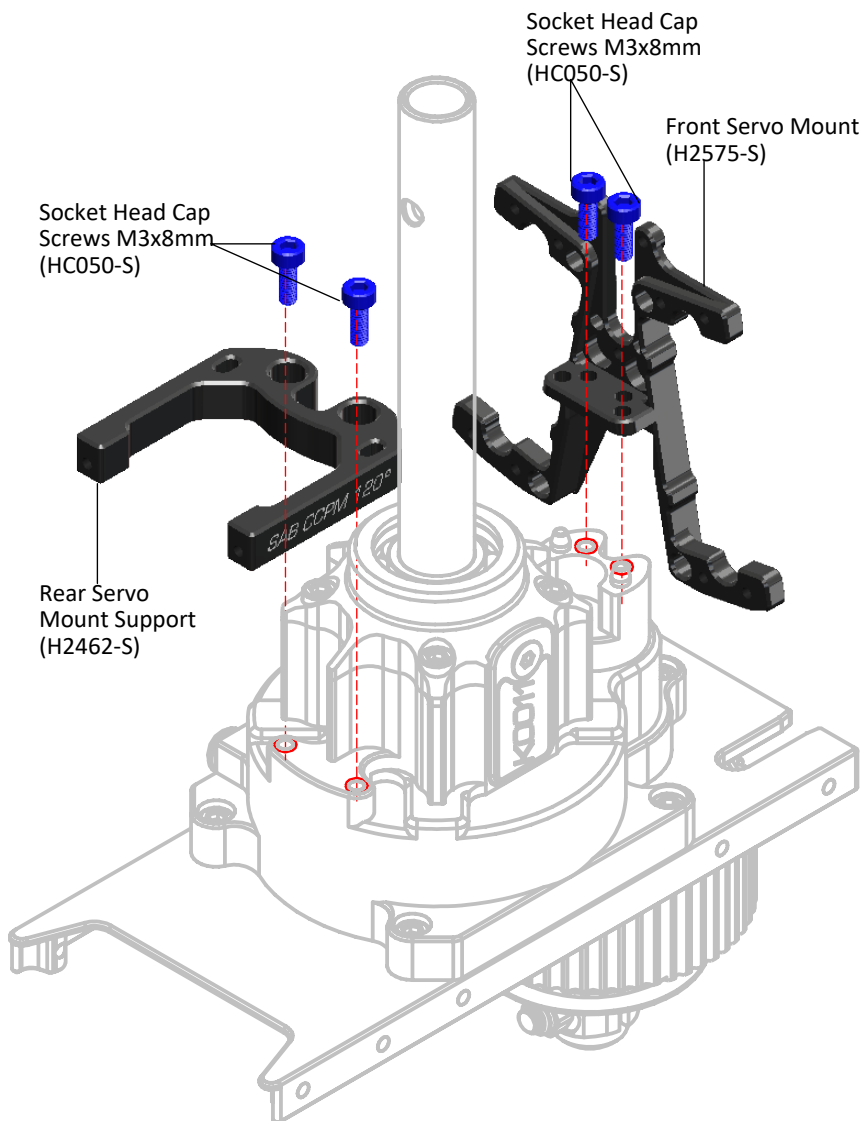
Already Assembled
With Loctite

Shims $\varnothing 12.1x \varnothing 16x0.1mm$ [HC538] (H1778-S)
Use to remove play

Socket Head Cap Screw Shoulder M4x21.5mm (HC545-S)

Nylon Nut M4 (HC212-S)

SERVOS MOUNT ASSEMBLY



SERVO ASSEMBLY

The linkage ball must be positioned 18 mm out on the servo arm.
The recommended servo arm to use is: SAB p/n [HA050/HA051].

Ensure the alignment of the servo arms (and sub trim is set) before installation of the servos in the model. Proceed with installation following the instructions below. You can use the G10 servo tool to align the front servo arms with the theoretical horizontal line. **(Figure 3)**

FRONT SERVOS ASSEMBLY ...x2

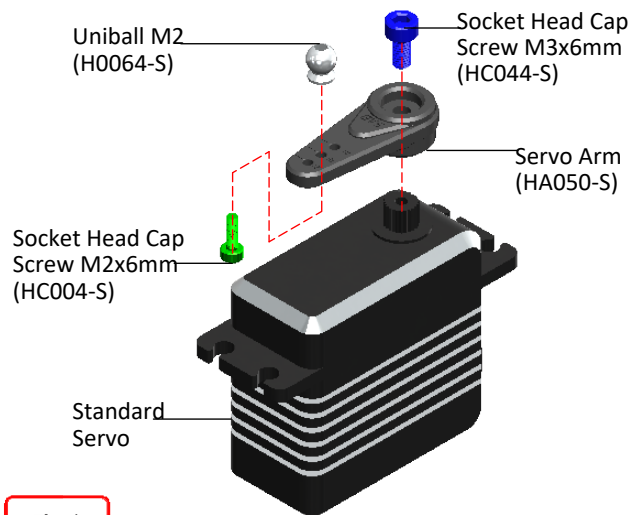
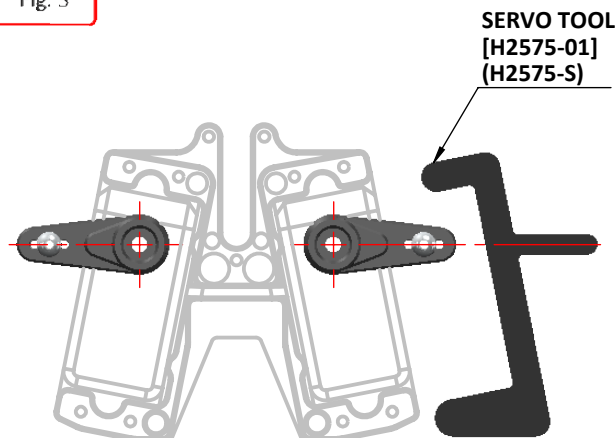
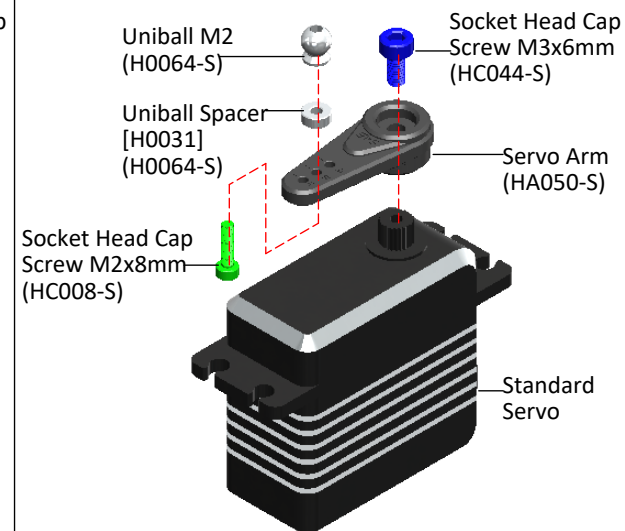
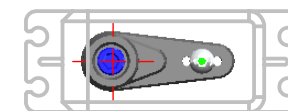


Fig. 3

REAR SERVO ASSEMBLY



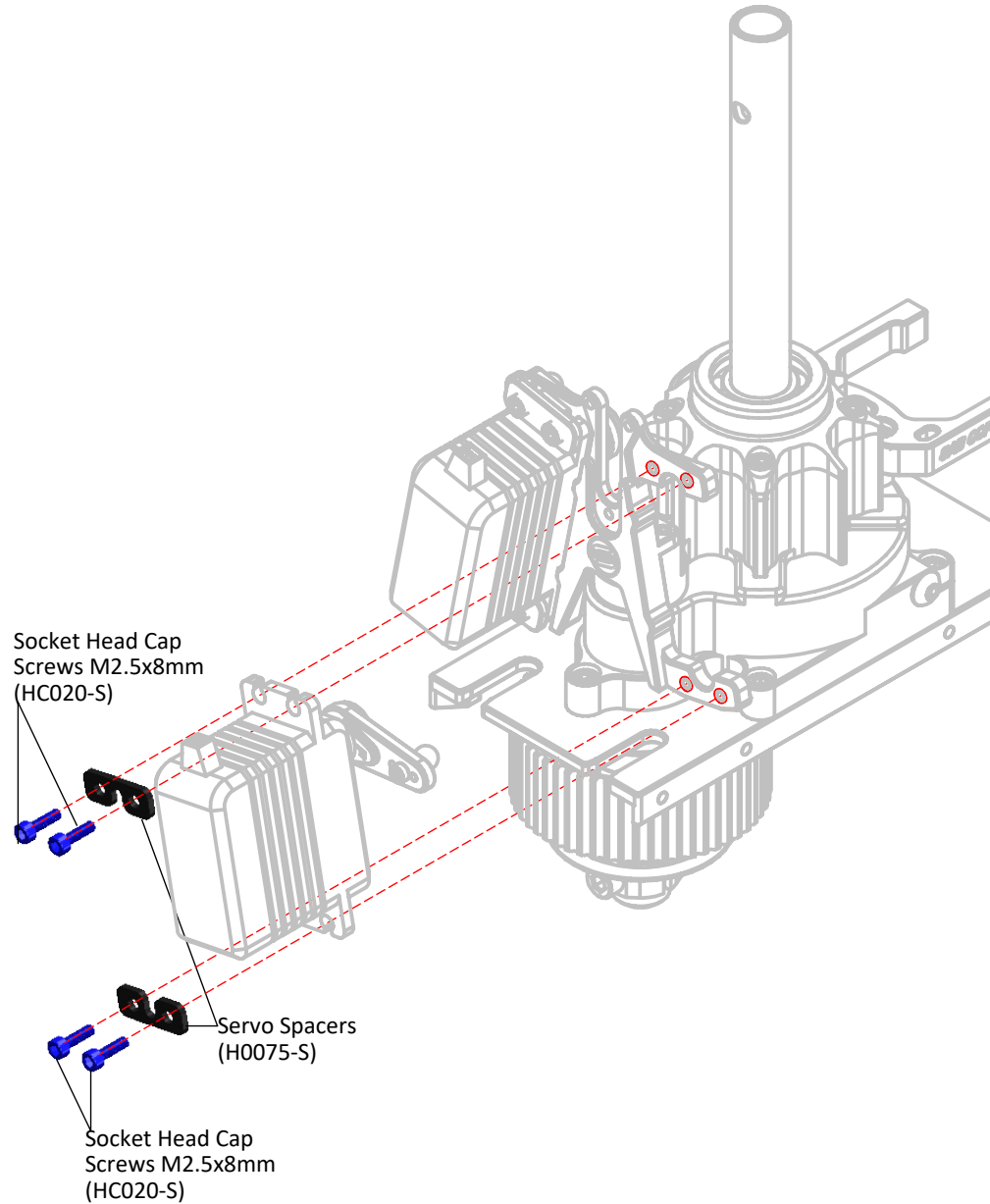
Front Servos



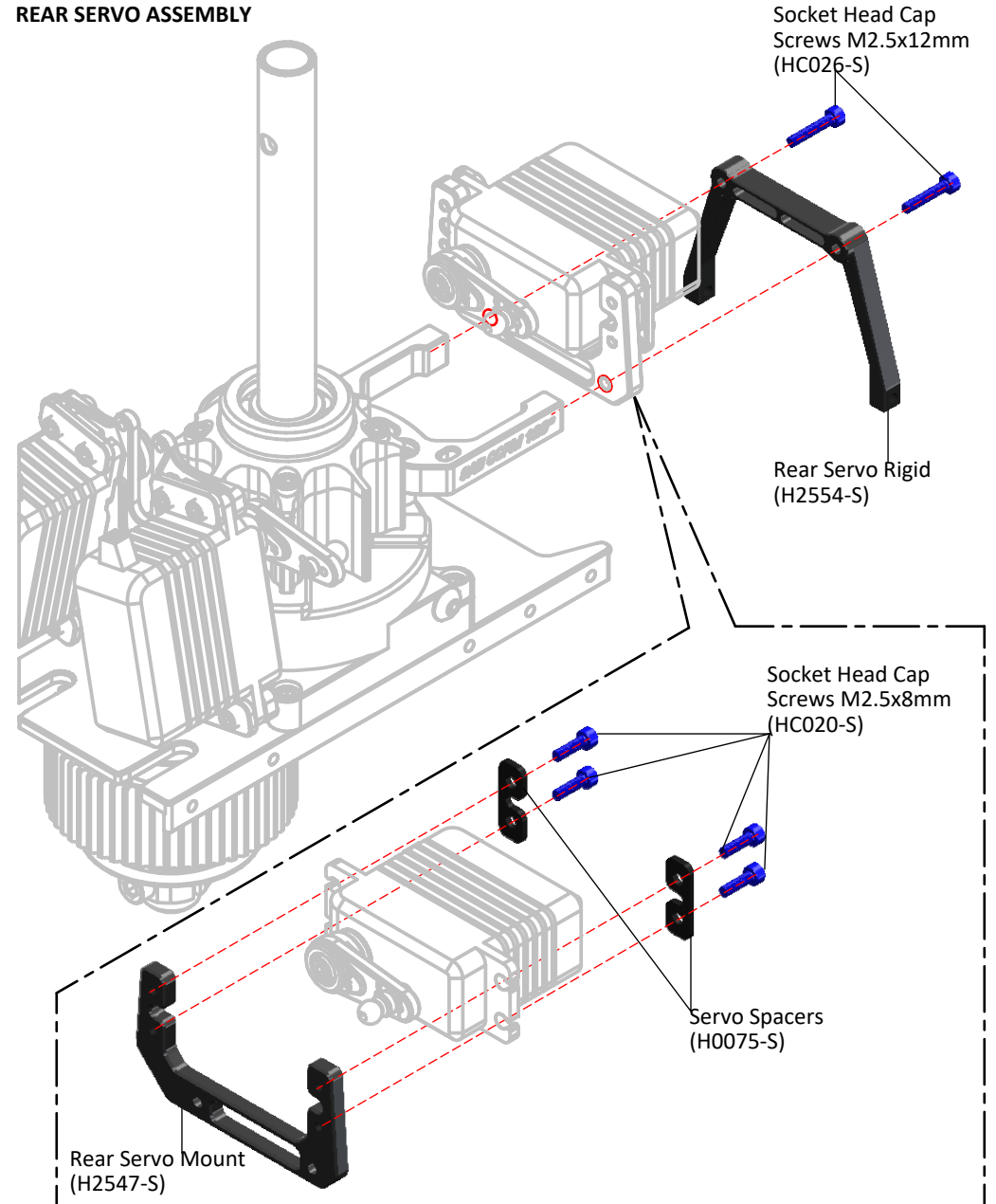
Rear Servo

BOX 1, BAG FOR PAGE 7

FRONT SERVOS ASSEMBLY



REAR SERVO ASSEMBLY

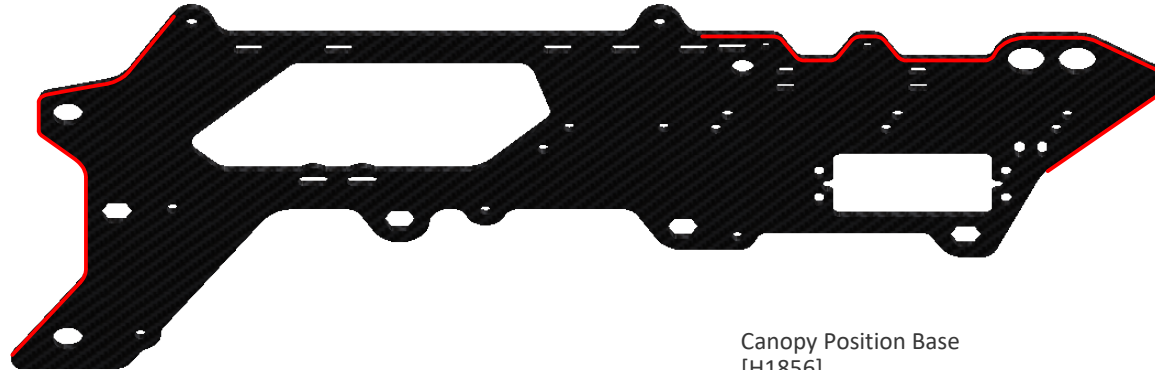


CARBON FRAME

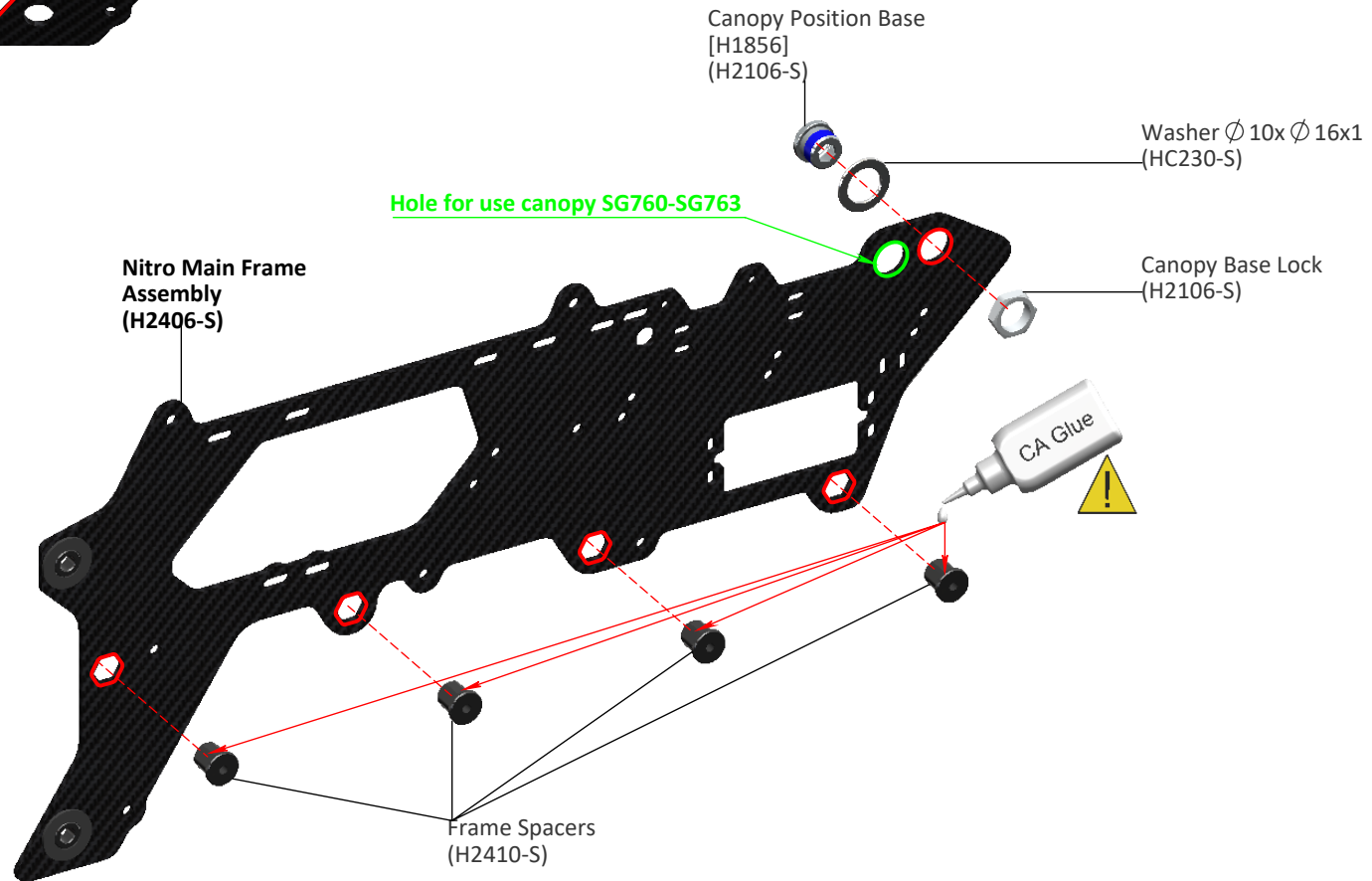
BOX 1, BAG FOR PAGE 8



The manufacturing process of the carbon parts often leaves micro-burrs and sharp edges. We recommend de-burring the edges to minimize the risks of electrical wire cuts, etc. It is very important to do this along the red lines.

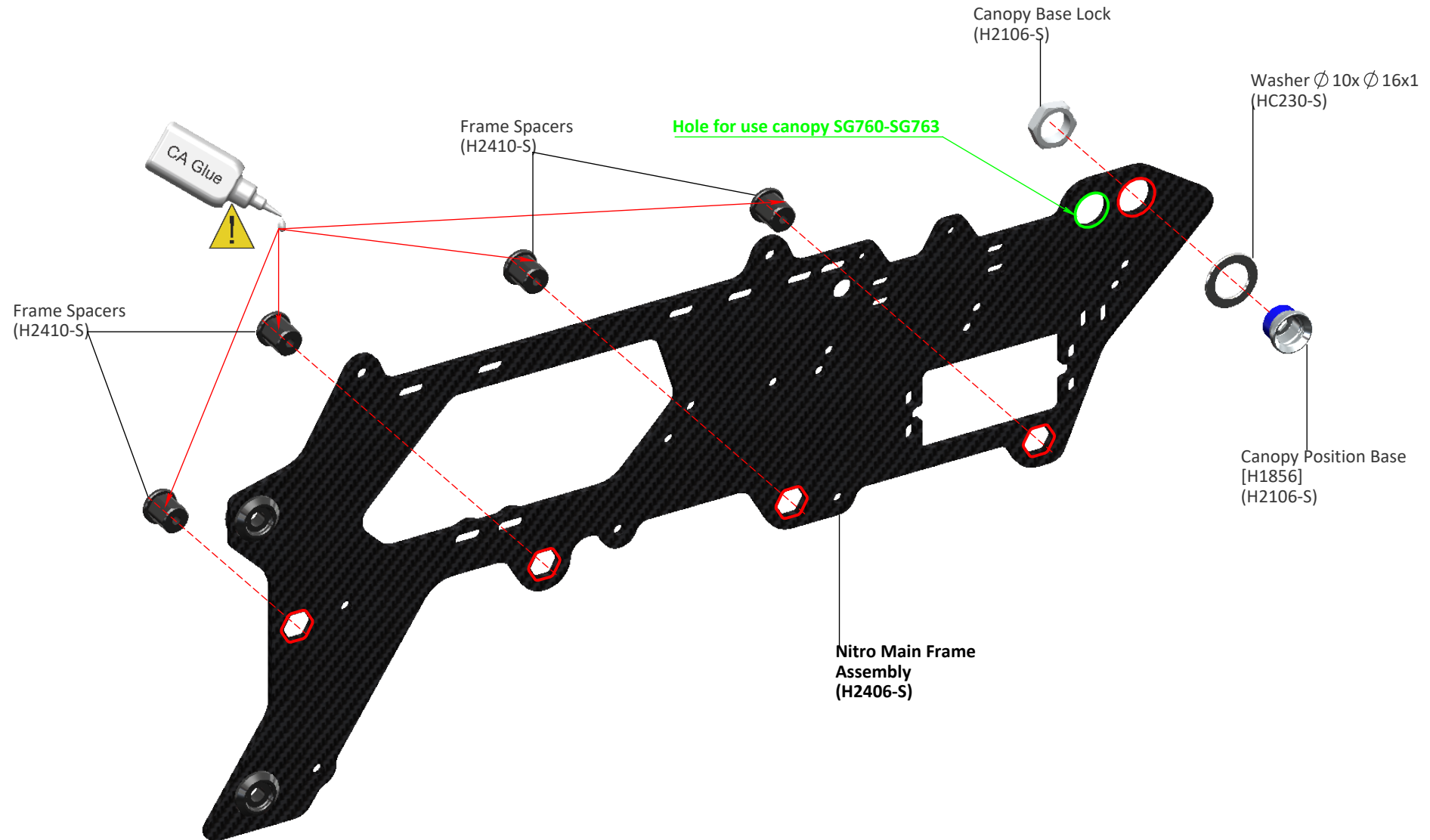


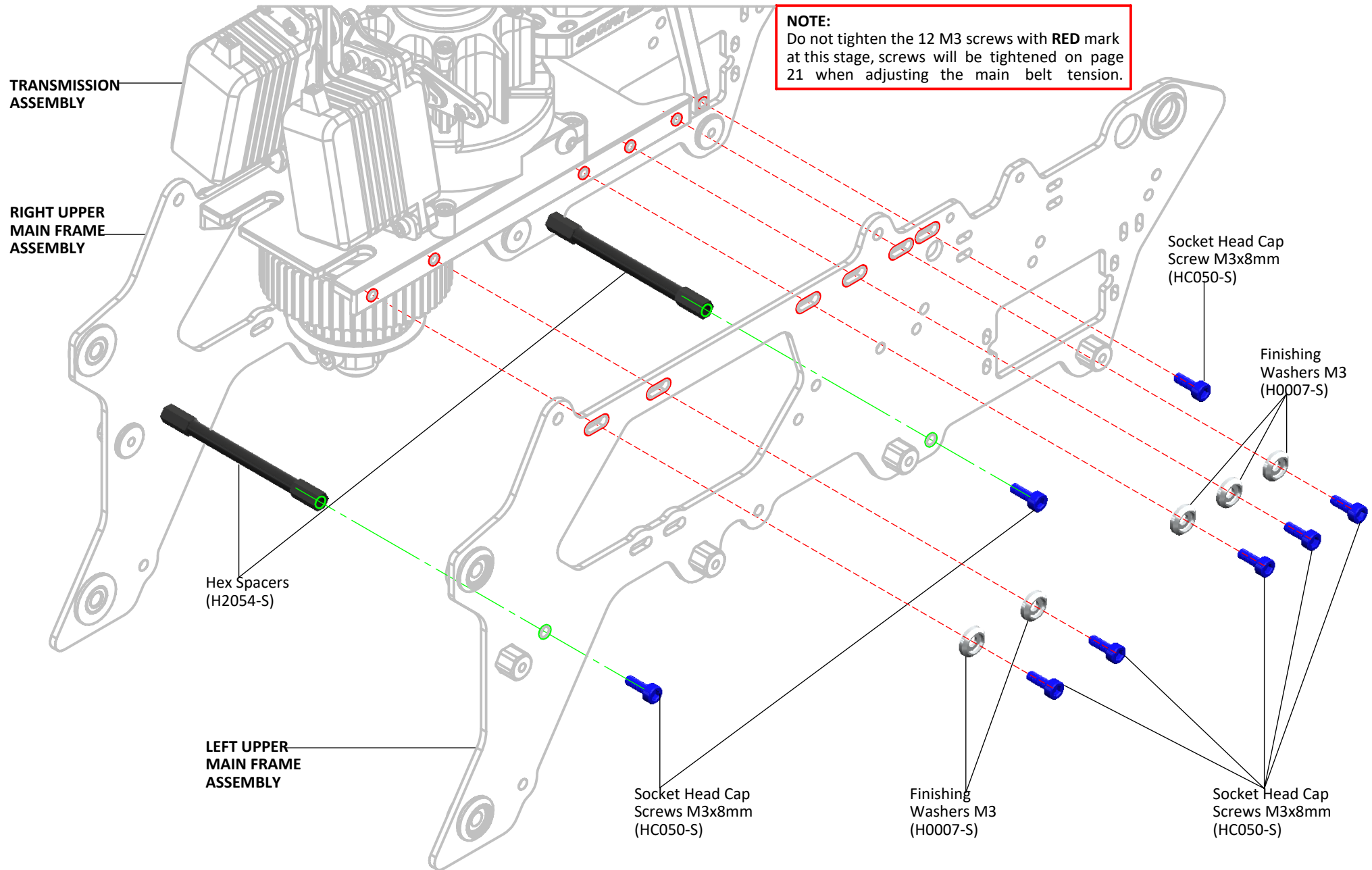
RIGHT UPPER FRAME ASSEMBLY



BOX 1, BAG FOR PAGE 9

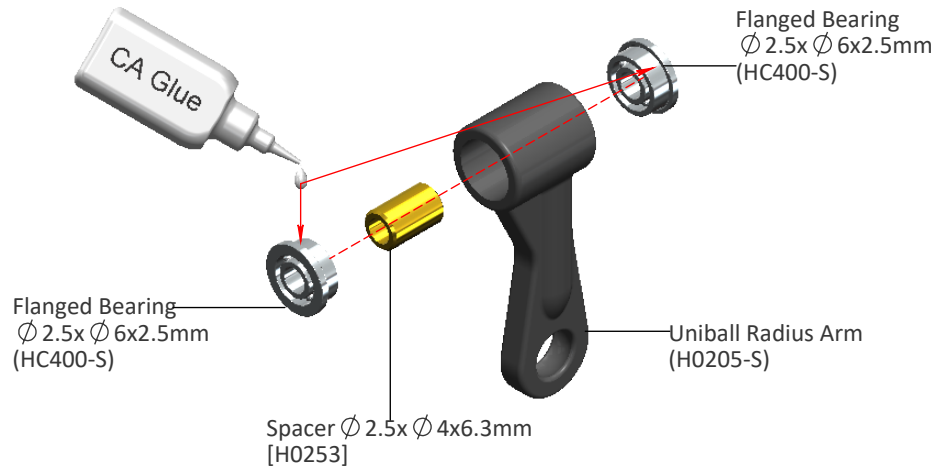
LEFT UPPER FRAME ASSEMBLY



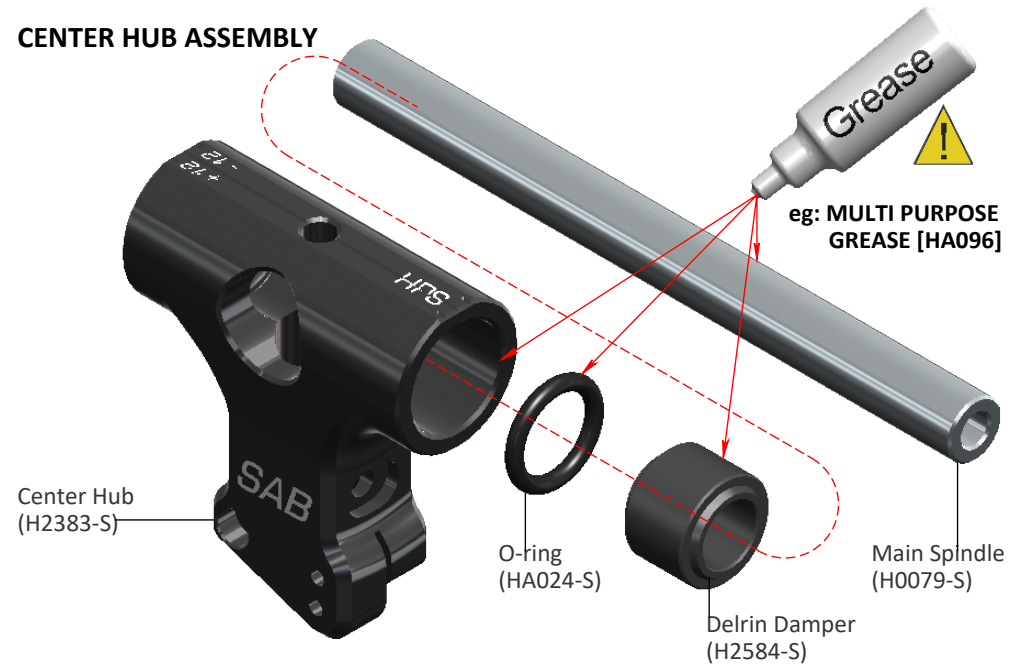


BOXES 1-2, BAG FOR PAGE 11

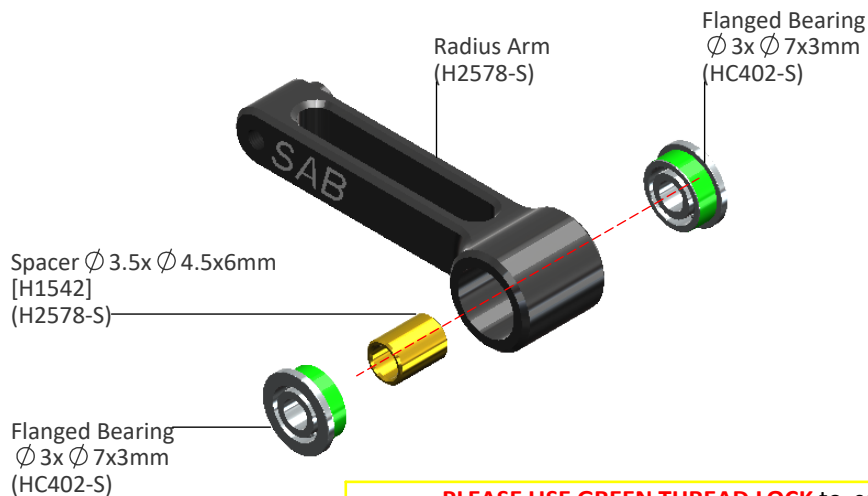
UNIBALL RADIUS ARM ASSEMBLY ...X2



CENTER HUB ASSEMBLY

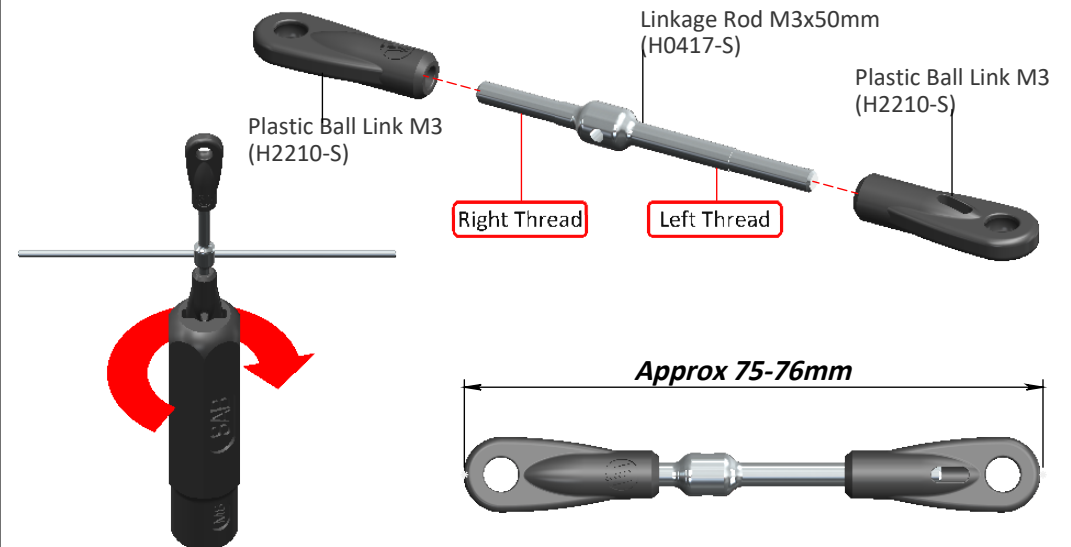


RADIUS ARM ASSEMBLY ...X2

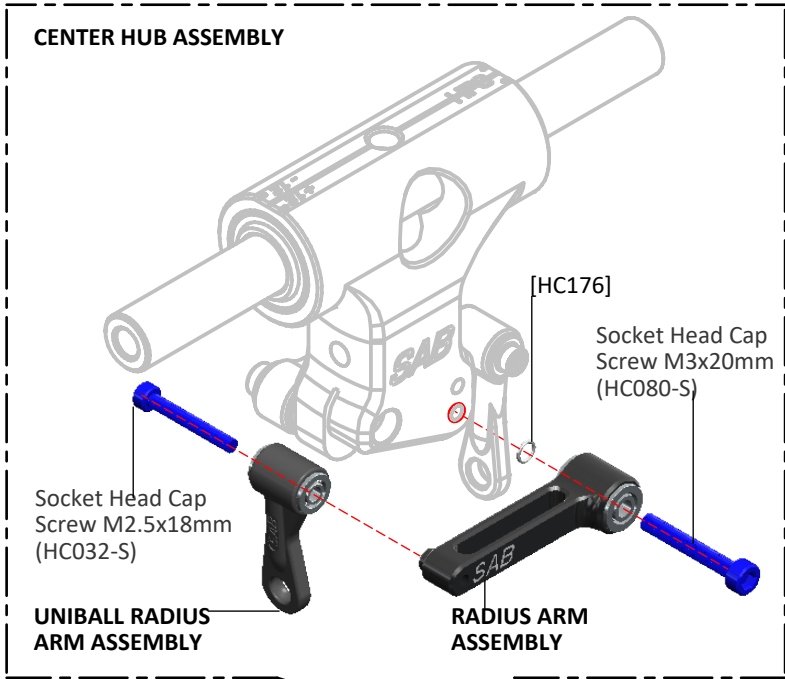


PLEASE USE GREEN THREAD LOCK to secure the bearings to the radius arms. Failure to secure the bearing will result in excessive slop/play.


LINKAGE ROD A ASSEMBLY ...X2



Note: You can use HA016 to easily thread the plastic link onto the rods.



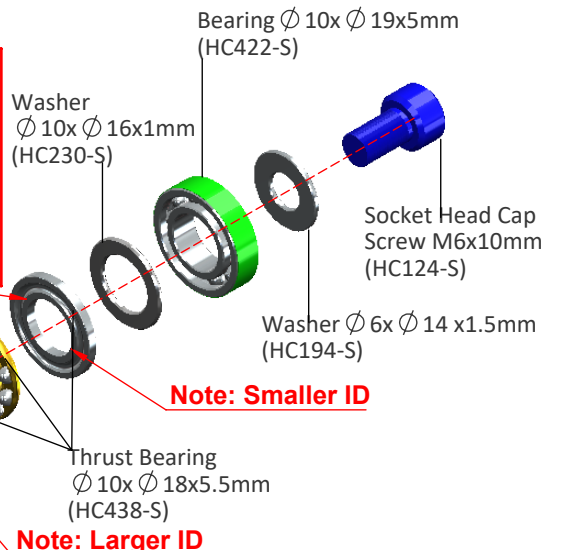
NOTE:



Shim $\phi 10 \times \phi 16 \times 0.2 \text{mm}$ [HC232-S] [Bag Shims]. After approximately 40/50 flights, please check preload, you can add one 0.2mm shim (HC232) on each side if preload has changed. However, we suggest to replace the o-rings after about 100 flights.



eg: MULTI PURPOSE GREASE [HA096]

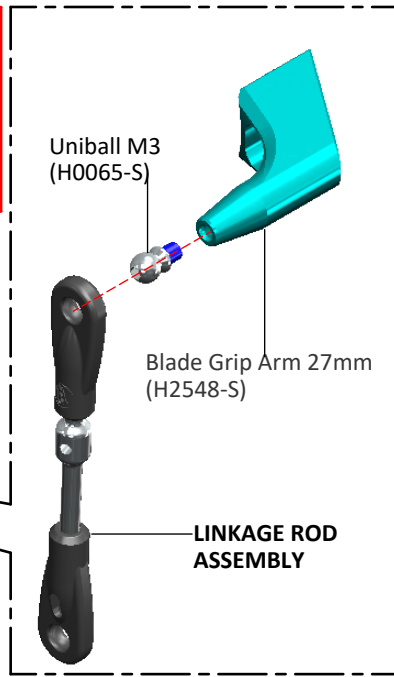


Blade Grip Assembly (H1790-S)

Already assembled with 1 bearing

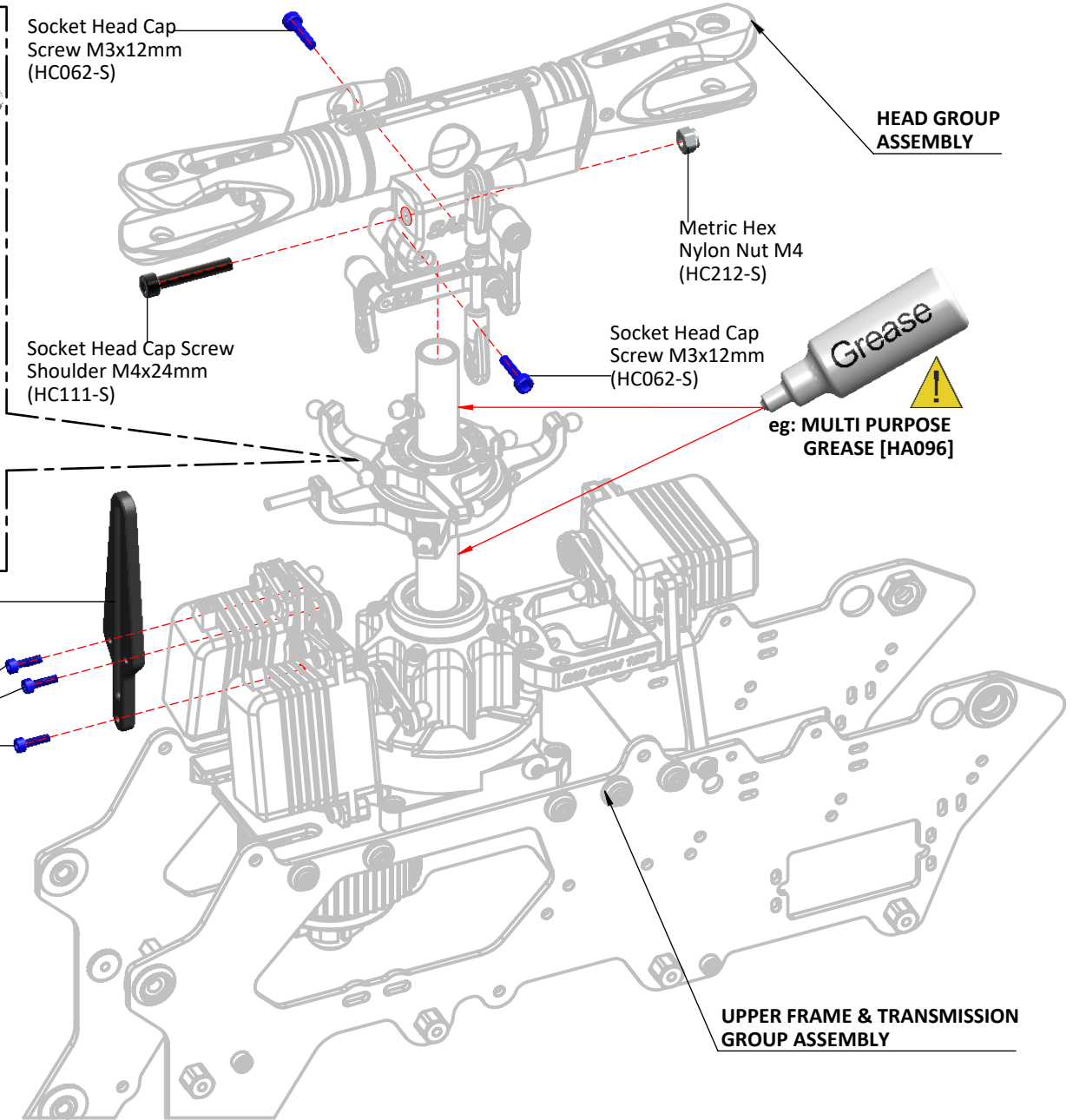
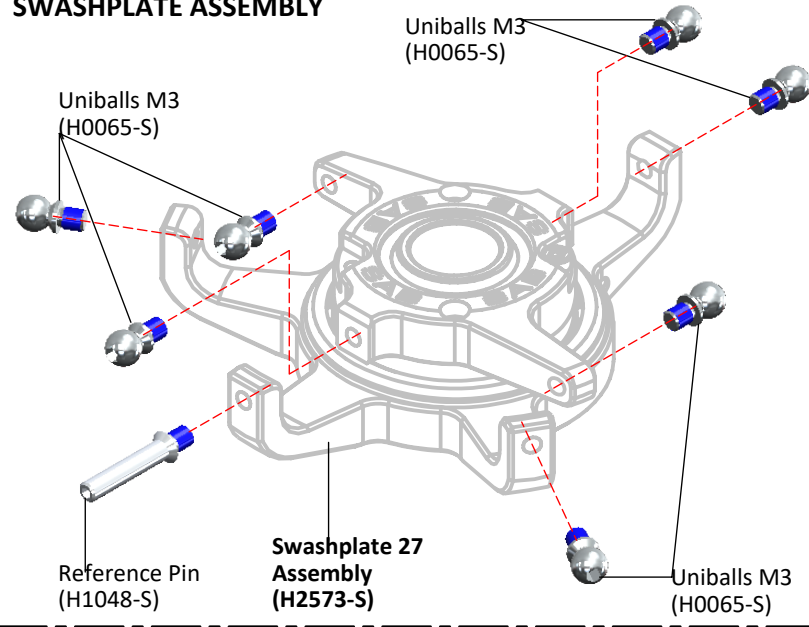


Suggested: Use this hole to apply grease after several flights

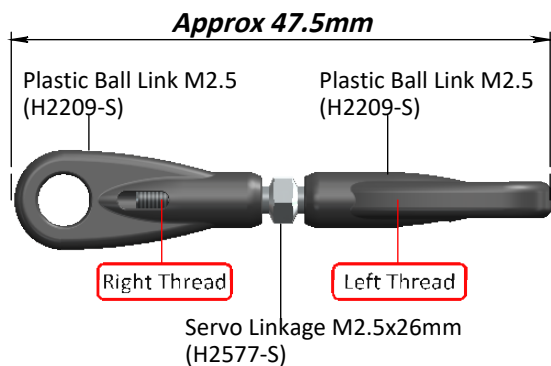


BOXES 1-2, BAG FOR PAGE 13

SWASHPLATE ASSEMBLY



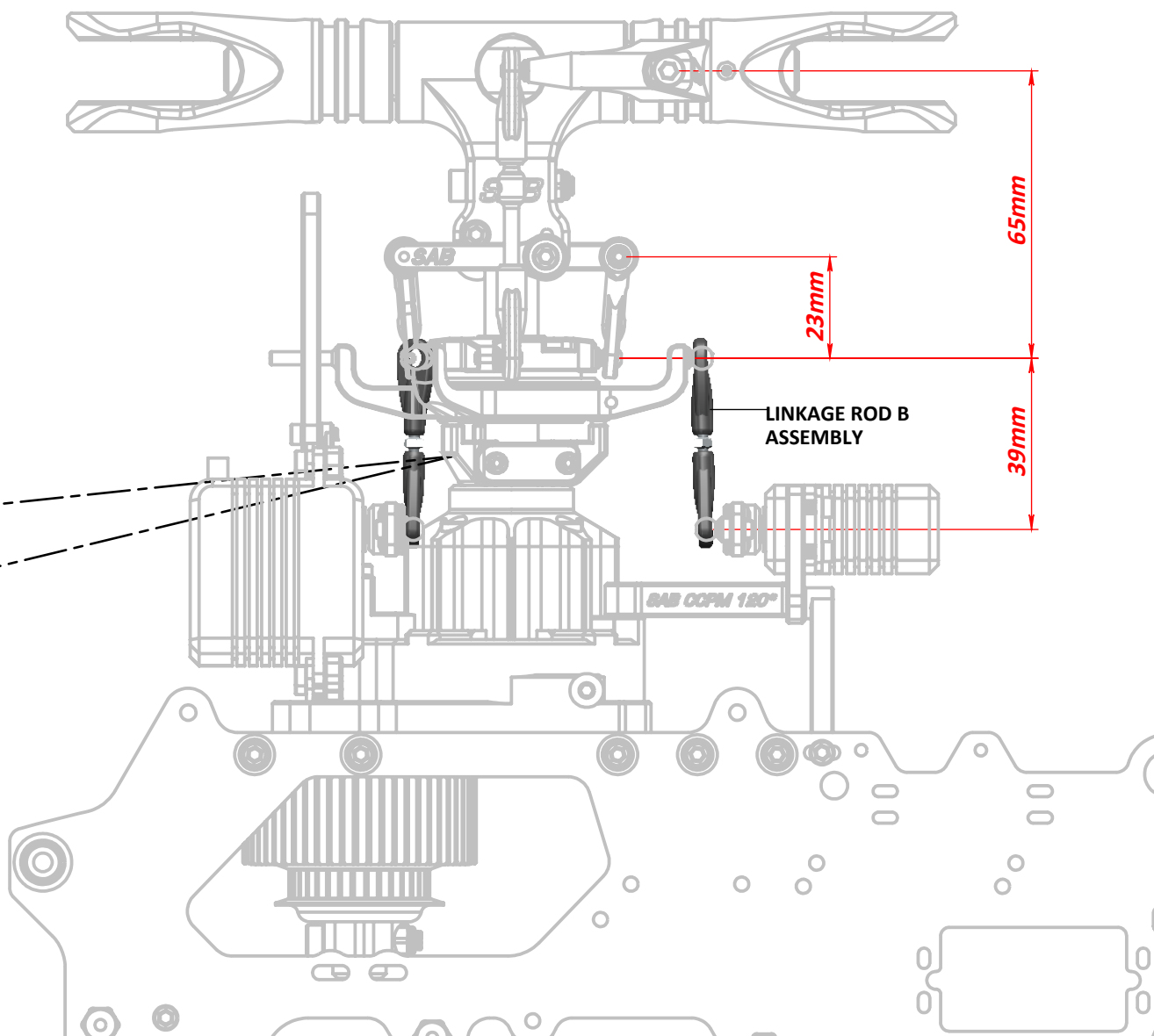
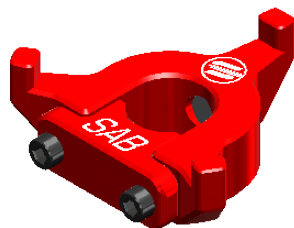
LINKAGE ROD B ASSEMBLY ... X3




Initial length for the rods from the servos to the swash plate.

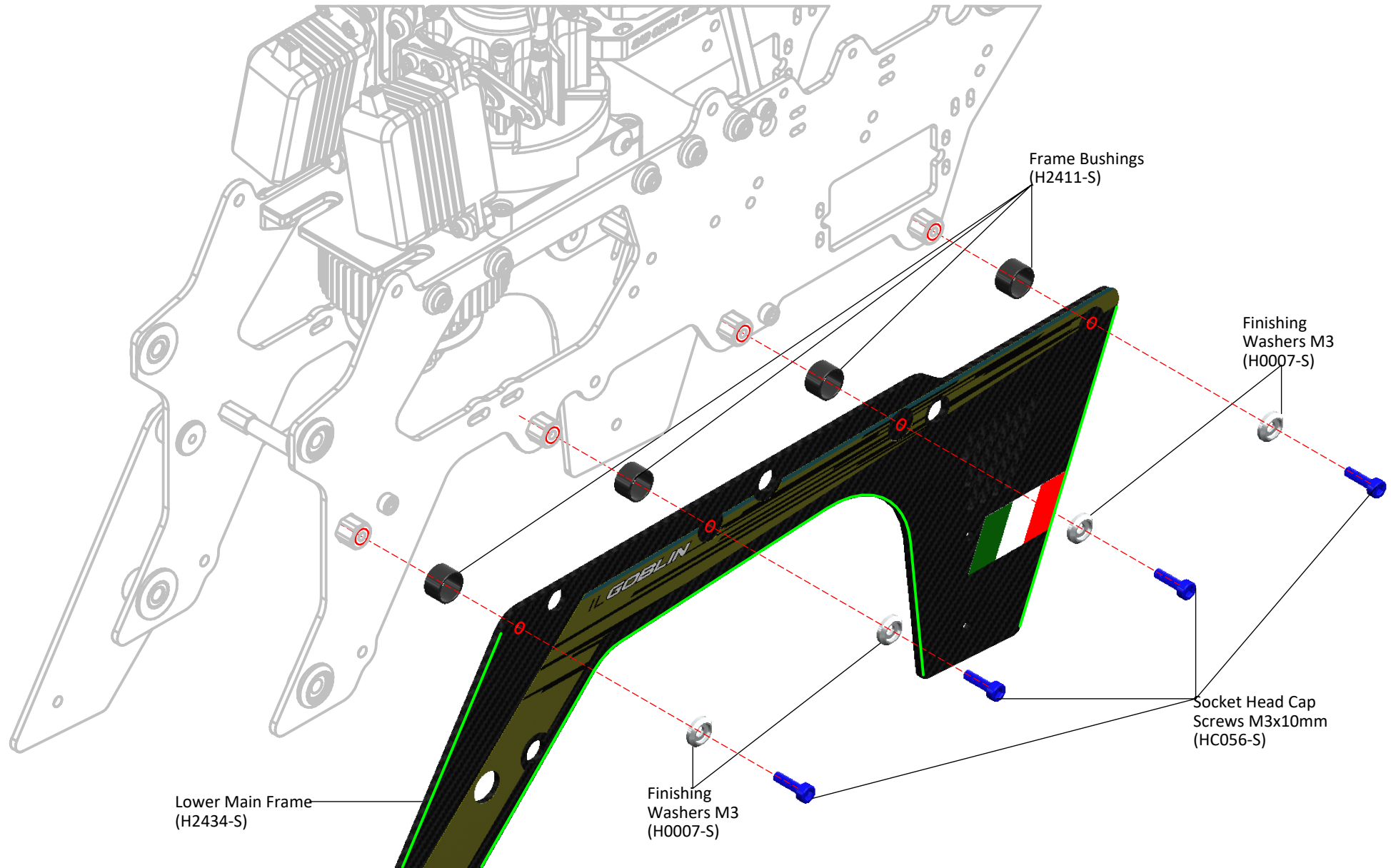
SUGGESTED:

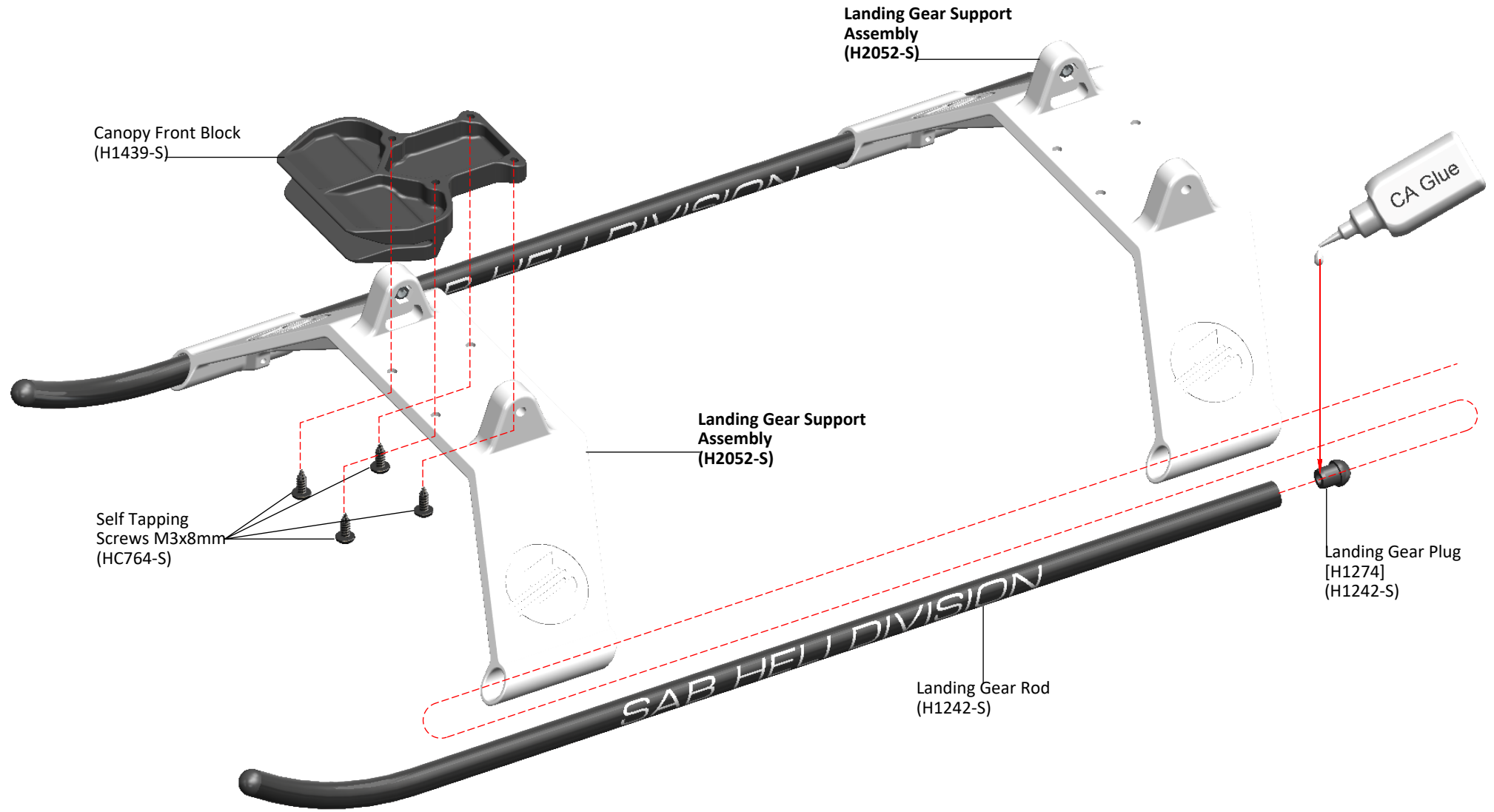
You can use the Swashplate Leveler H2461-S
(Not included KIT)



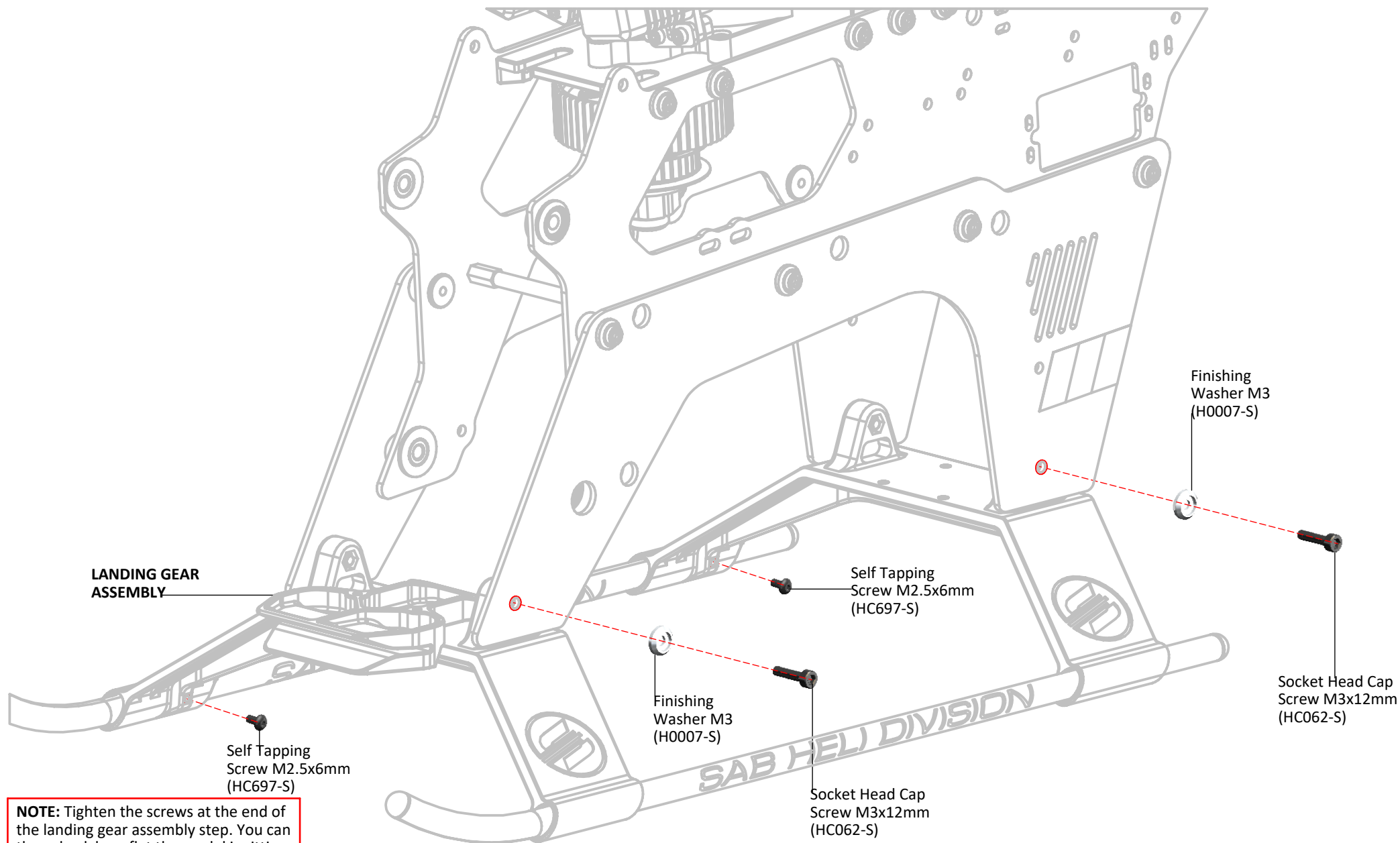
BOX 1, BAG FOR PAGE 15

 We recommend de-burring the edges to minimize the risks of electrical wire cuts, etc.
It is very important to do this along the green lines.





BOX 1, BAG FOR PAGE 17

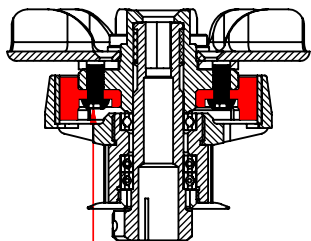


NOTE: Tighten the screws at the end of the landing gear assembly step. You can then check how flat the model is sitting.

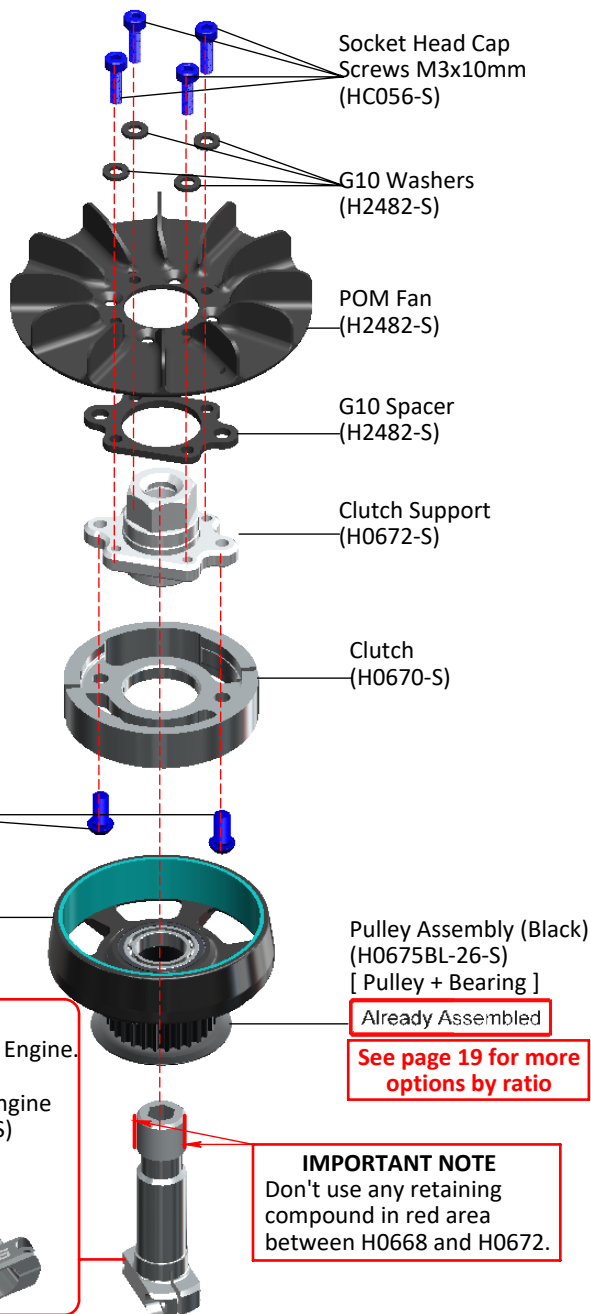
BOX 1, BAG FOR PAGE 18

CLUTCH UNIT ASSEMBLY

SECTION



Note:
Counterbore external side.

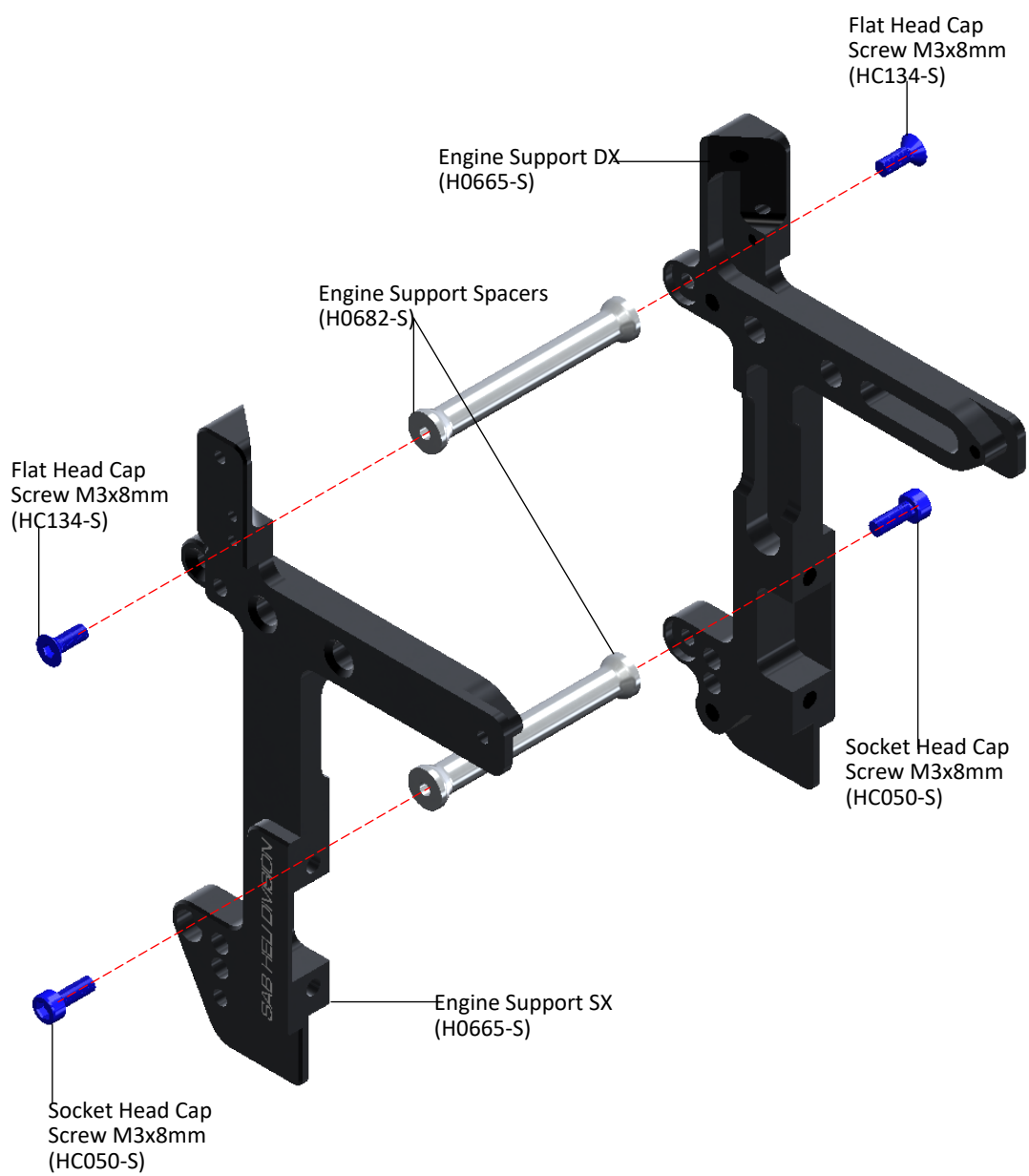


Note: H0668-B Included.
Use the shaft depending on your Engine.

Already Assembled
See page 19 for more options by ratio

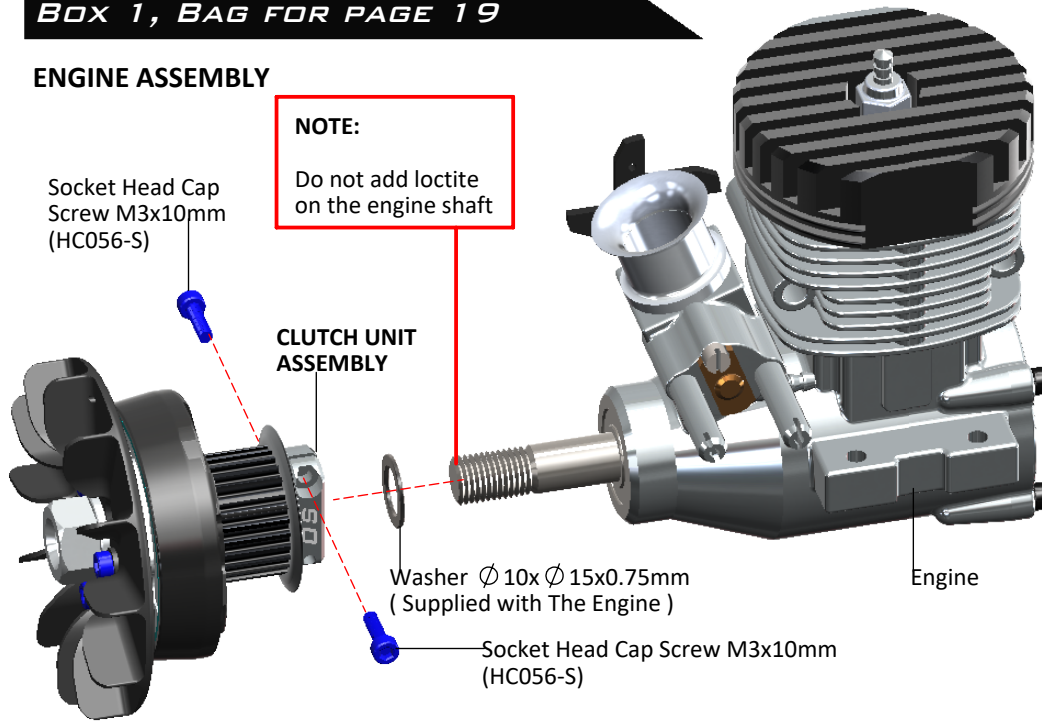
IMPORTANT NOTE
Don't use any retaining compound in red area between H0668 and H0672.

ENGINE MOUNT ASSEMBLY



BOX 1, BAG FOR PAGE 19

ENGINE ASSEMBLY

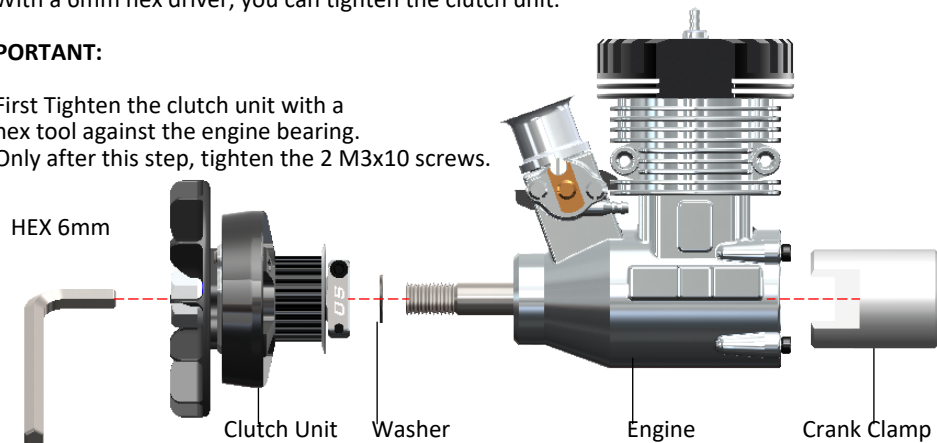


NOTE:

Using Crank Clamp (accessory not included in the kit) you can easily tighten the assembly onto the engine shaft. With a 6mm hex driver, you can tighten the clutch unit.

IMPORTANT:

First Tighten the clutch unit with a hex tool against the engine bearing. Only after this step, tighten the 2 M3x10 screws.



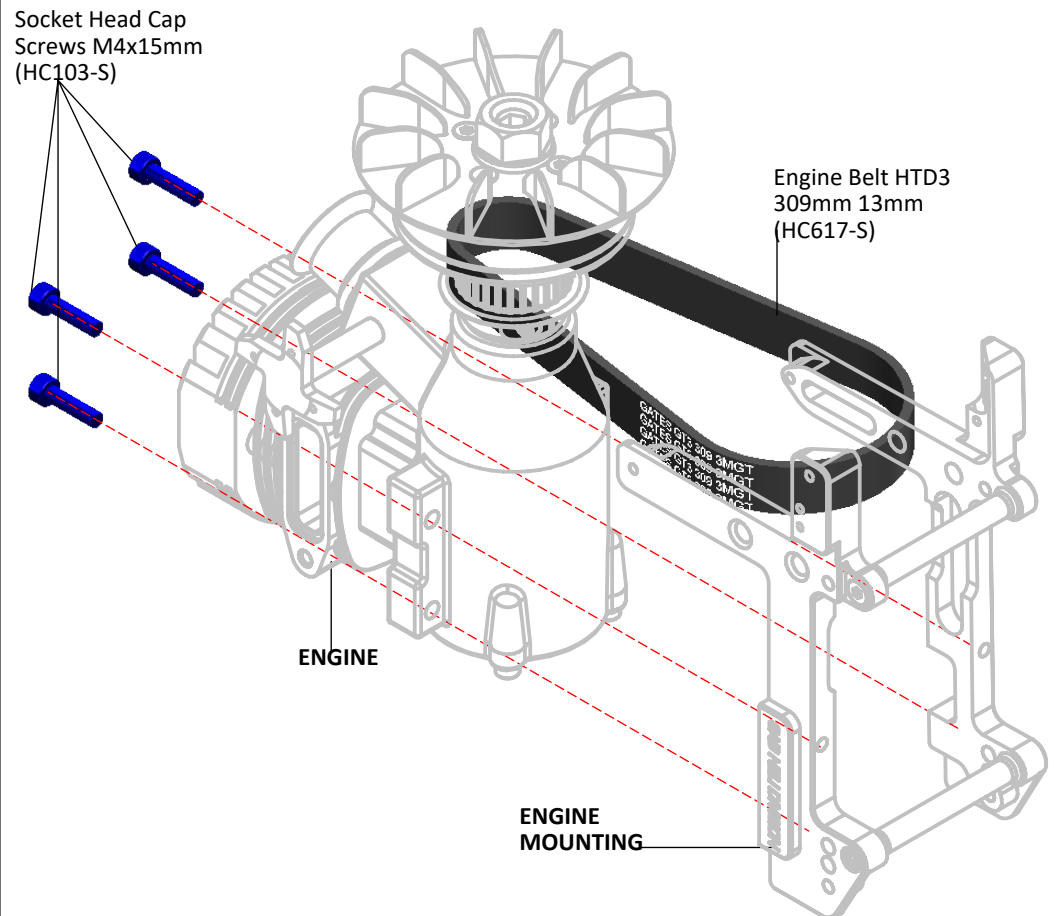
MAIN RATIO

It is possible to have 3 ratios using the following Pulleys:

H0675BL-28-S	56/28	7.7
H0675BL-27-S	56/27	8.0
H0675BL-26-S	56/26	8.3

The KIT includes ratio : 56T-26T -> 8.3

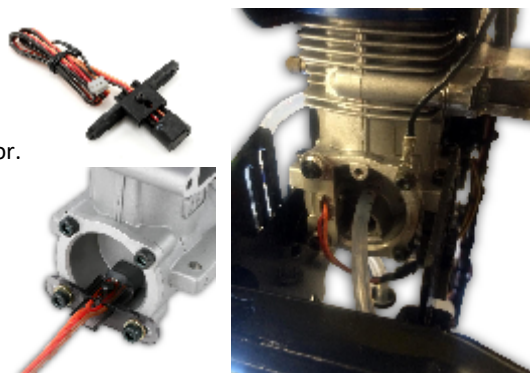
ENGINE MOUNT ASSEMBLY



INSTALLATION OF THE RPM SENSOR

On the IIGoblin Nitro it is possible to use two different methods to install an RPM sensor. The first is a backplate sensor as demonstrated in the picture on the right.

P.S: Not all YS engines can support this method.
Please seek further guidance from your engine manufacturer.



The second is to use two magnets on the fan. Please use the following methods for installation:

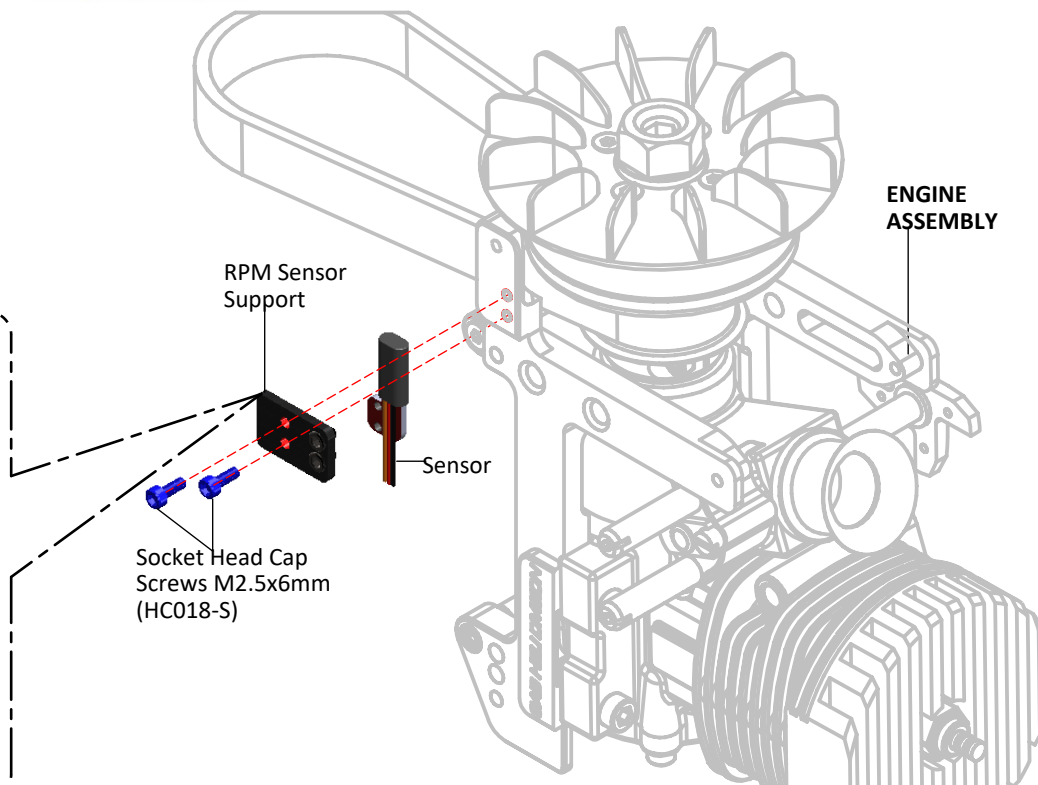
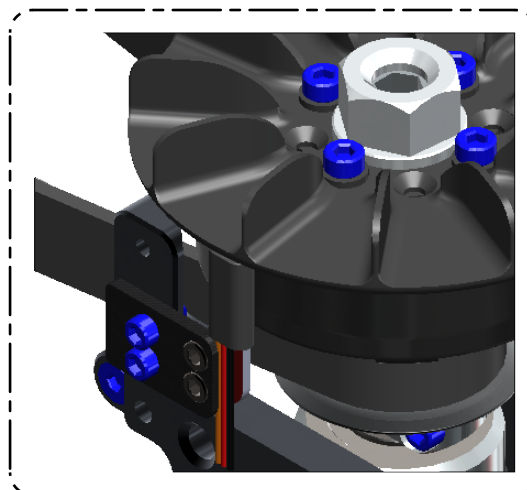
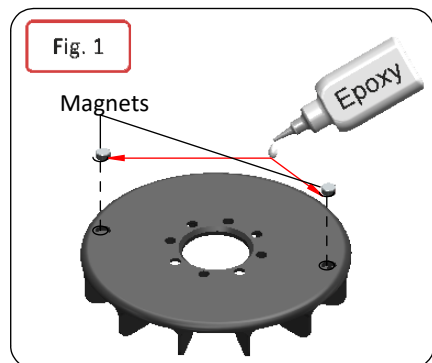
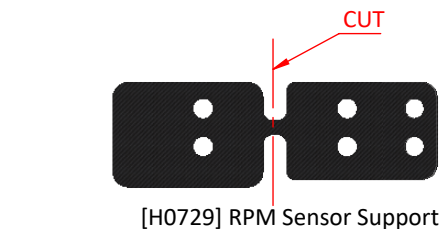
Install 2 magnets on the fan with epoxy glue
(please ensure to clean the parts with degreaser before glueing together)

[Fig. 1]). To install the sensor, you can use the two pre-cut M2.5 holes.

Not all sensors are the same, so you can adapt the position with the carbon support (H0729).

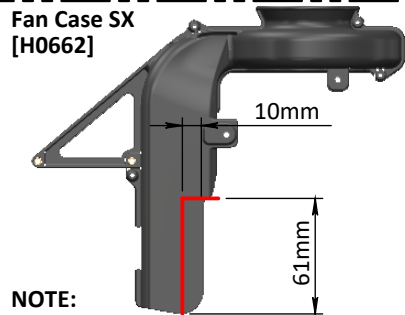
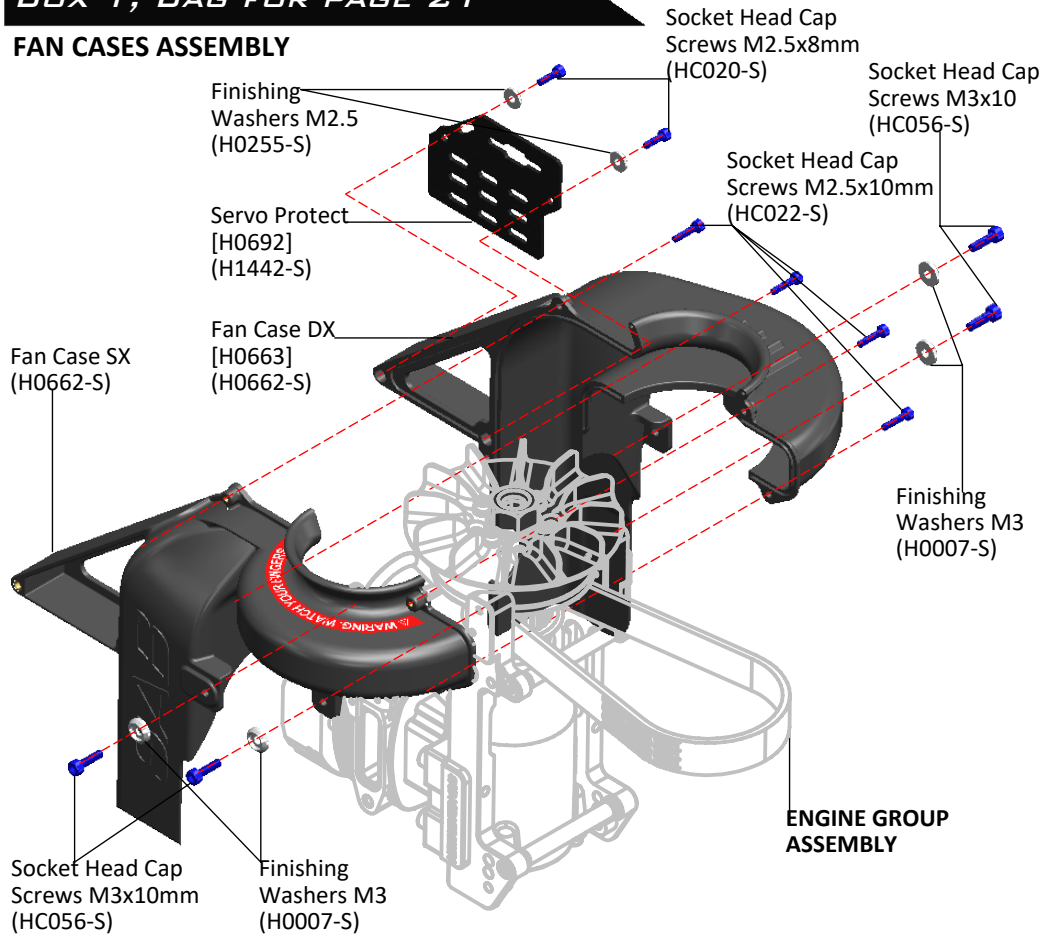
With Align and Spartan sensors, you can use the part of the support that already has holes in it.

With any other sensor, you can use the part without holes and adapt as required.



BOX 1, BAG FOR PAGE 21

FAN CASES ASSEMBLY



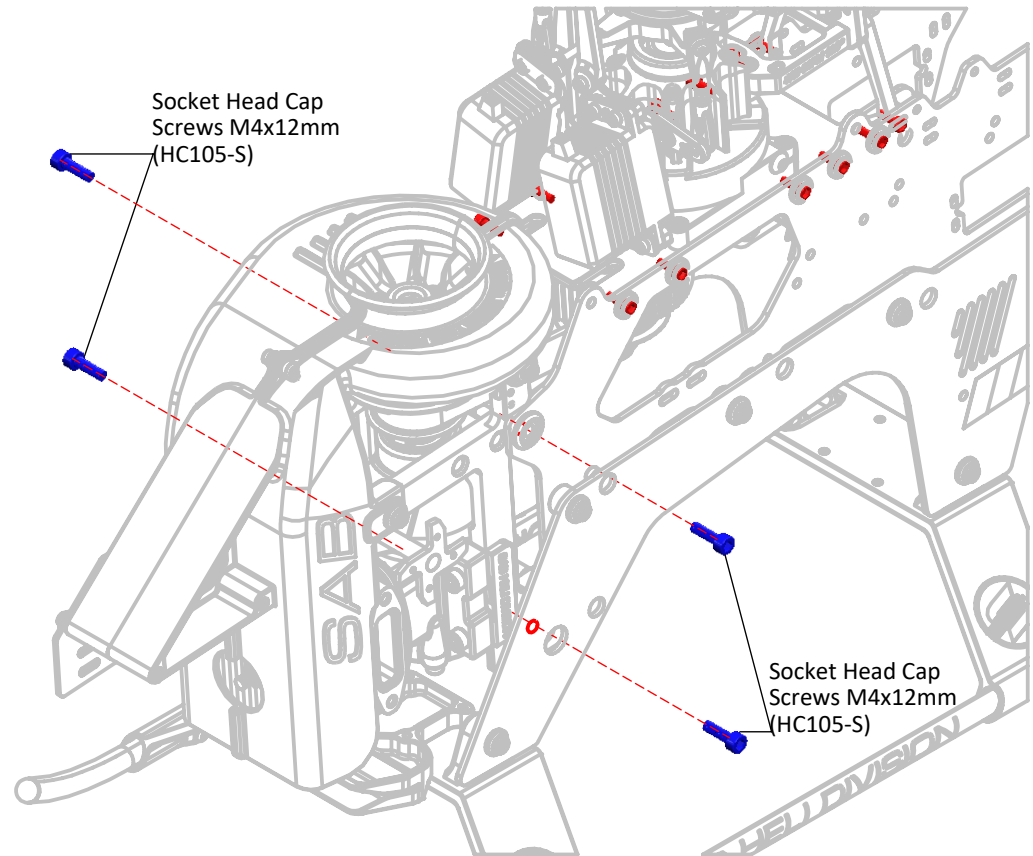
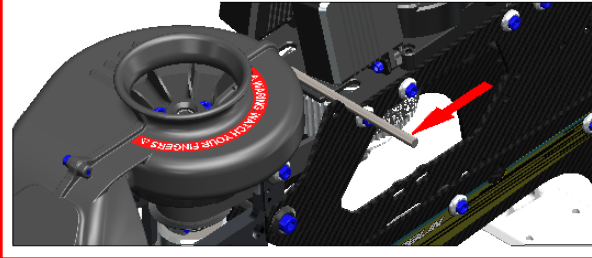
NOTE: When using a muffler with a wider manifold (Ex; Hatori), you will need to cut along the red line as illustrated above



NOTE: You must to cut open a small slot on the fan case for sensor zone.

ENGINE UNIT ASSEMBLY

NOTE: Using a 5/6mm shaft, you can tension the engine belt. Then tighten 12 RED screws.



BOXES 1-2, BAG FOR PAGE 23

NOTE:

It is a normal for the tail to feel a bit tight after initial assembly as the tail spindle preload is usually high when the helicopter is brand new. The preload will loosen up after 2-5 flights allowing the system to become smooth.



Button Head Cap Screw M4x6mm (HC096-S)

Smaller ID

Thrust Bearing $\phi 5 \times \phi 10 \times 4 \text{mm}$ (HC435-S)

Larger ID

Socket Head Cap Screw M2x6mm (HC004-S)

Spacer $\phi 7.5 \times \phi 10 \times 0.5 \text{mm}$ [H0349] (H0330-S)

Tail Blade Grip Assembly (H1893-S)

Already Assembled With Loctite

Bearing $\phi 5 \times \phi 10 \times 4 \text{mm}$ (HC411-S)

Already Assembled

Spacer $\phi 5 \times \phi 8.5 \times 0.75 \text{mm}$ (H0330-S)

Delrin Bushing [H2570] (H2386-S)

Already Assembled

O-ring (HC335-S)

Spindle Shaft (H0329-S)

Uniball M2.5 (H0064-S)

Tail Shaft Assembly (H2386-S)

TAIL PITCH SLIDER ASSEMBLY (H2525-S)



TAIL PITCH SLIDER ASSEMBLY

Socket Head Cap Screw M2x6mm (HC004-S)

Tail Pitch Slider Link (H0261-S)

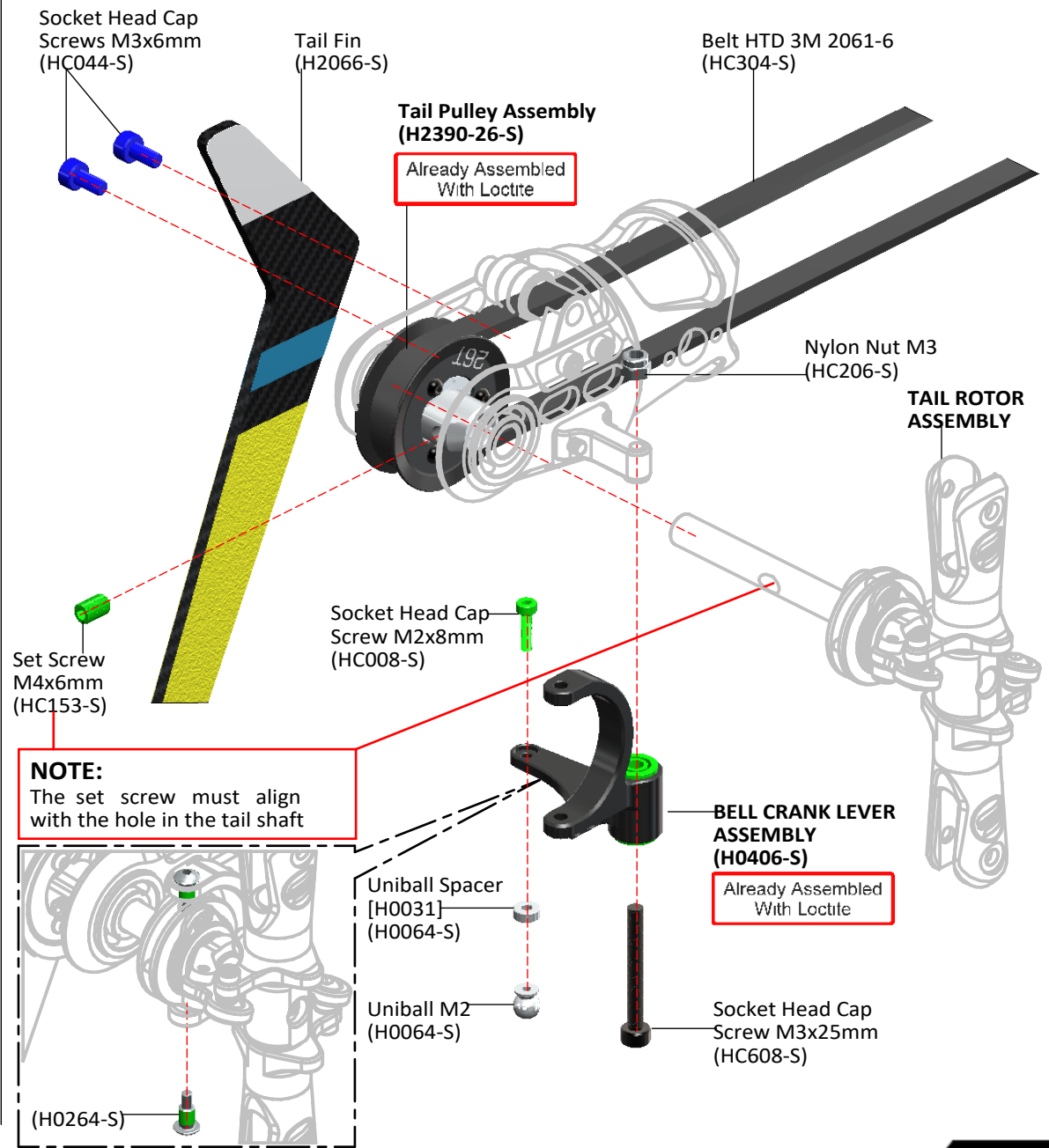
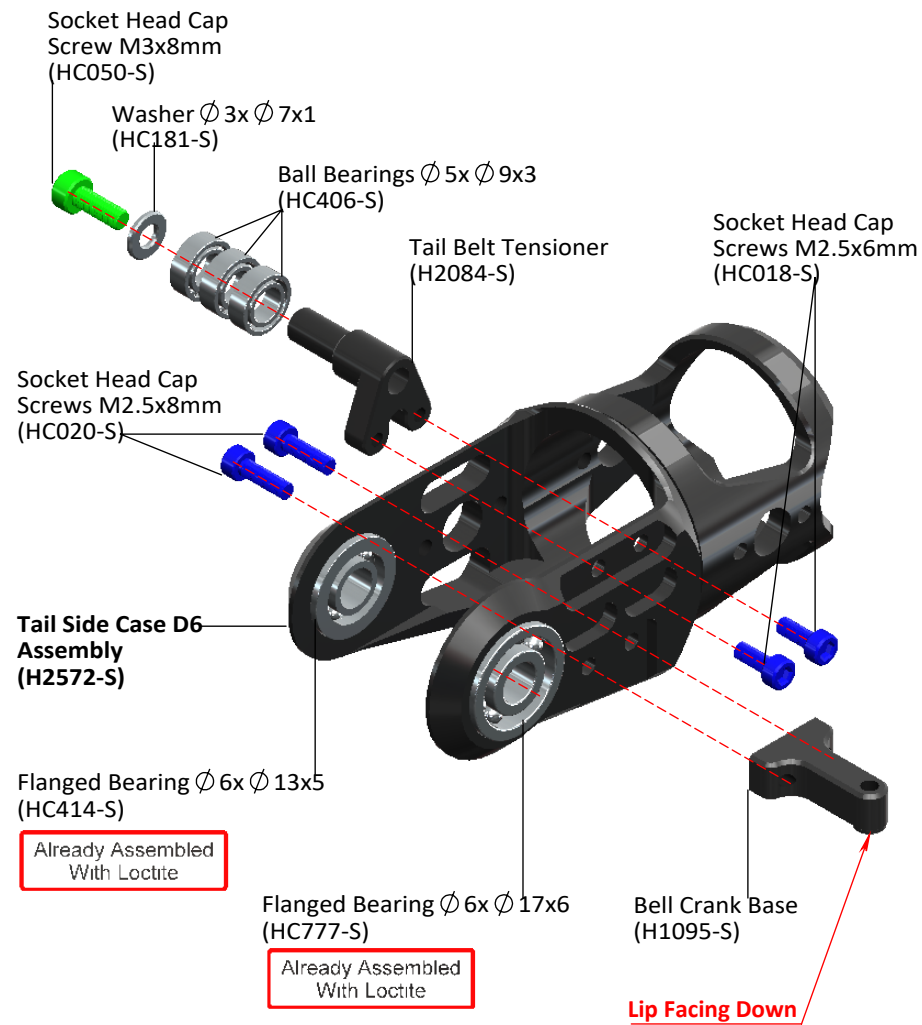
Bushings [H0076] (H0261-S)

Tail Pitch Slider Assembly (H2525-S)

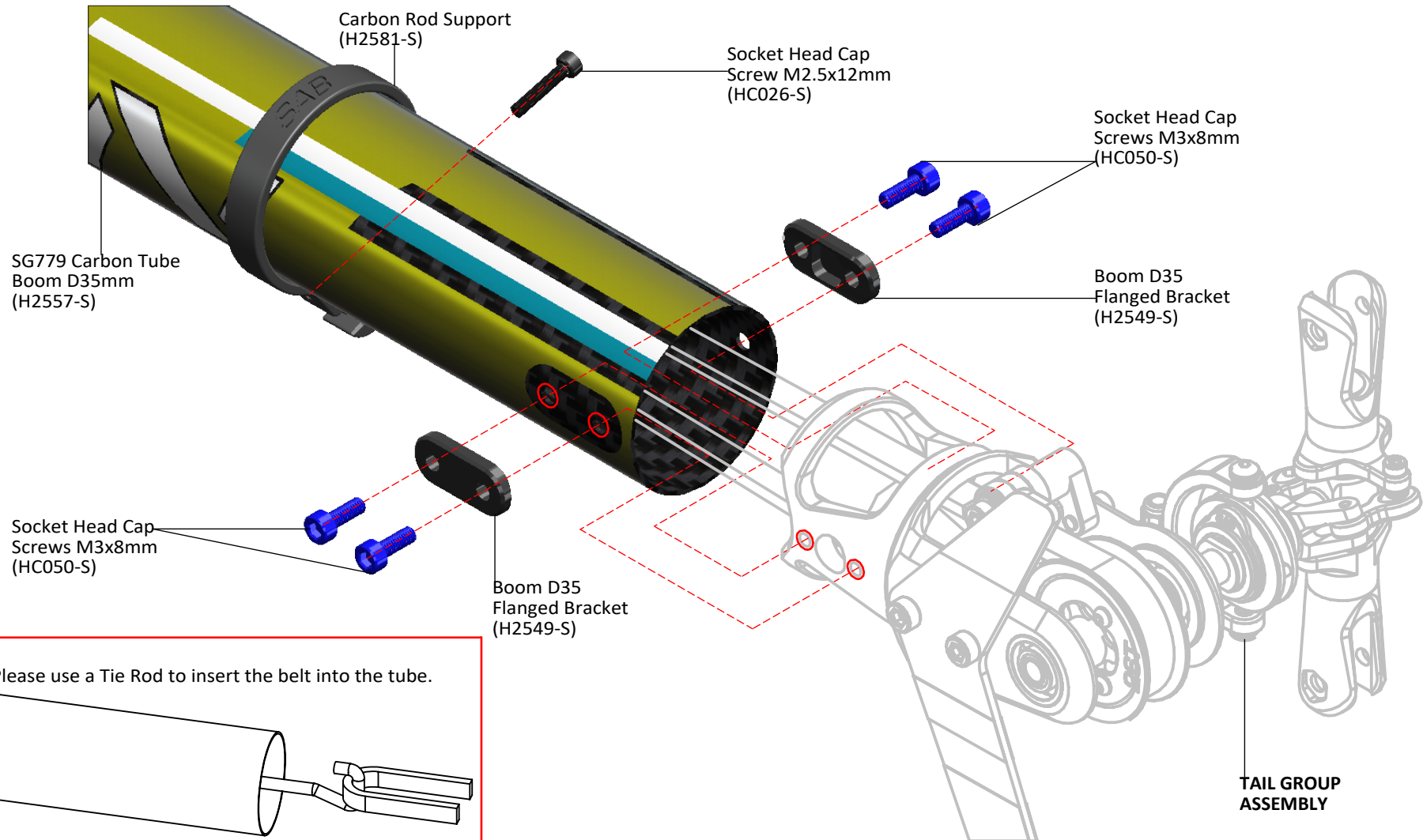
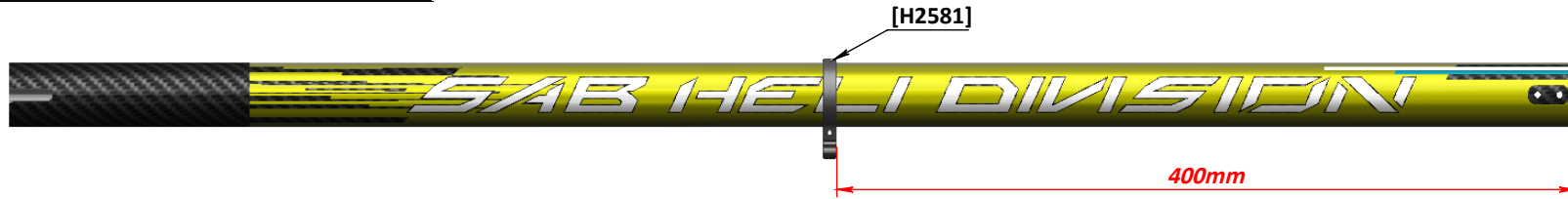
Already Assembled With Loctite

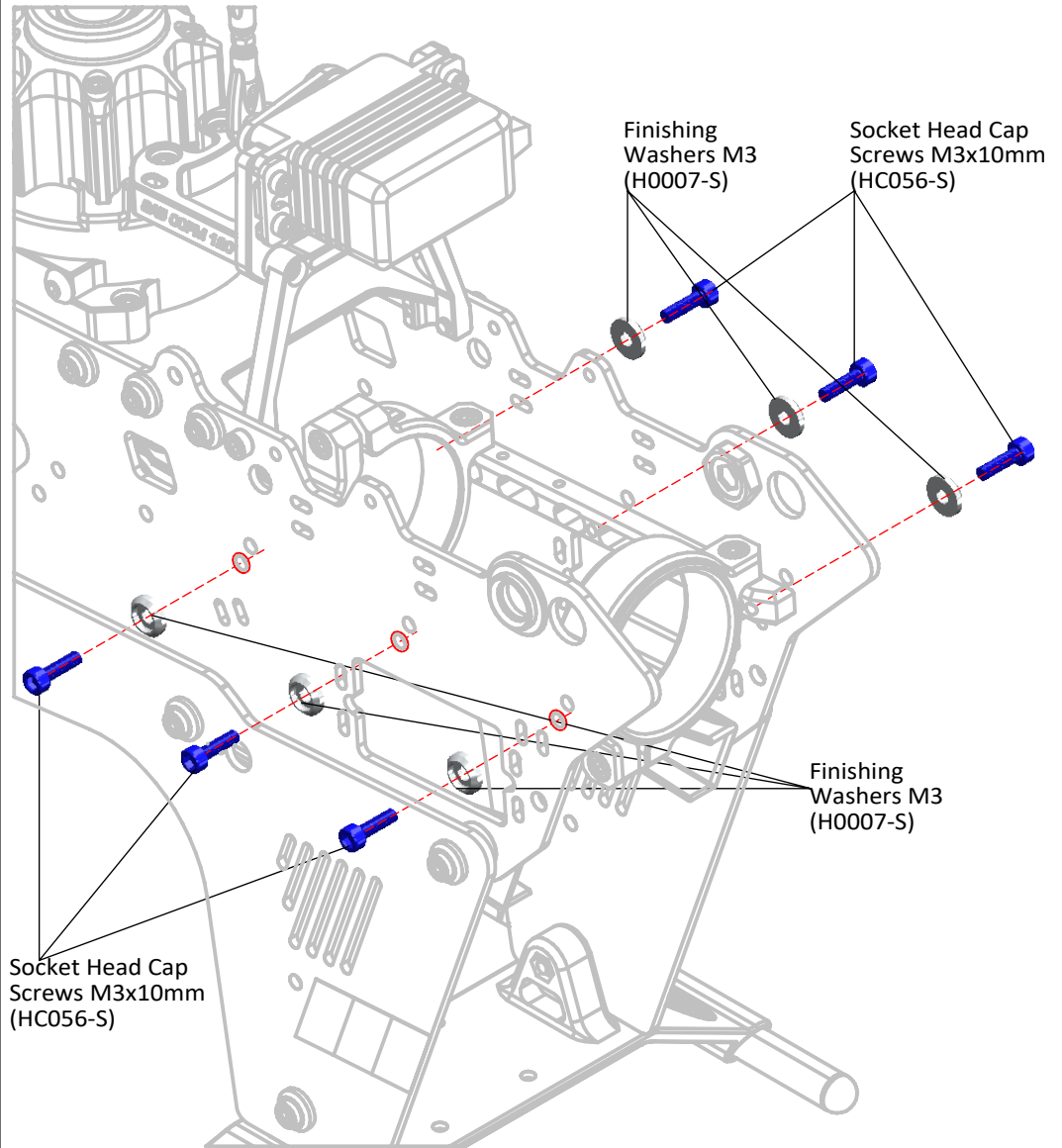
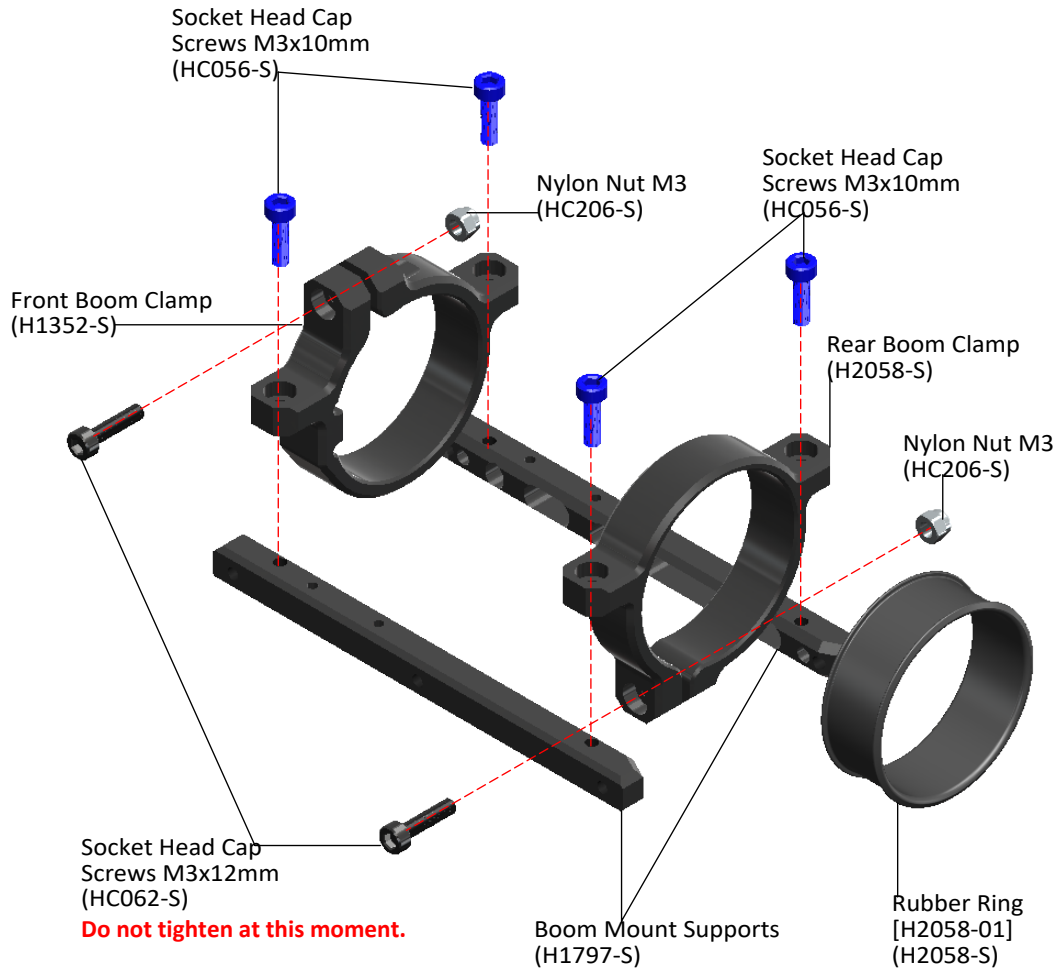
Tail Pitch Slider Link (H0261-S)

Socket Head Cap Screw M2x6mm (HC004-S)



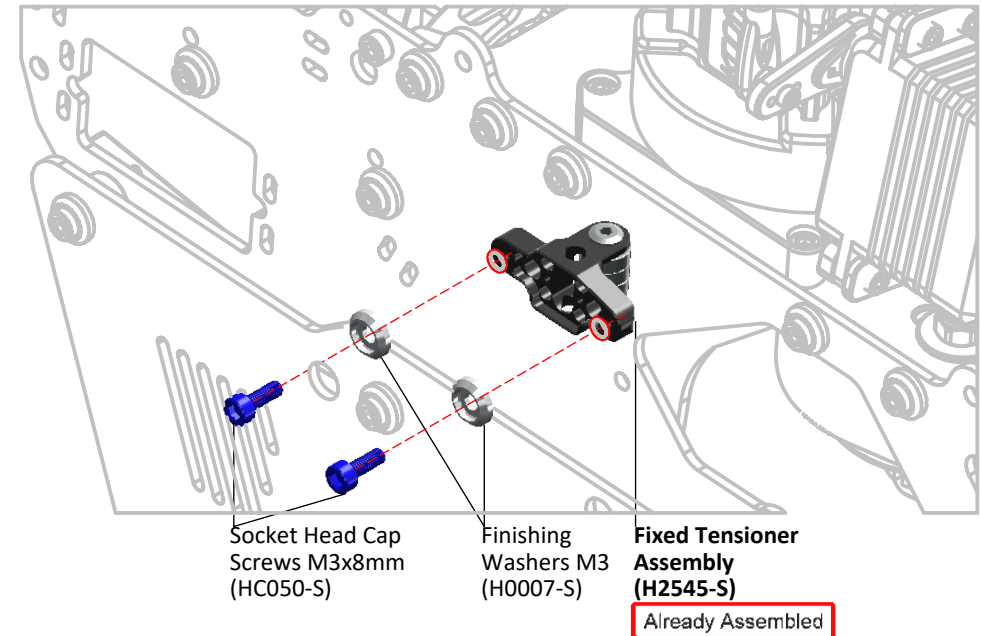
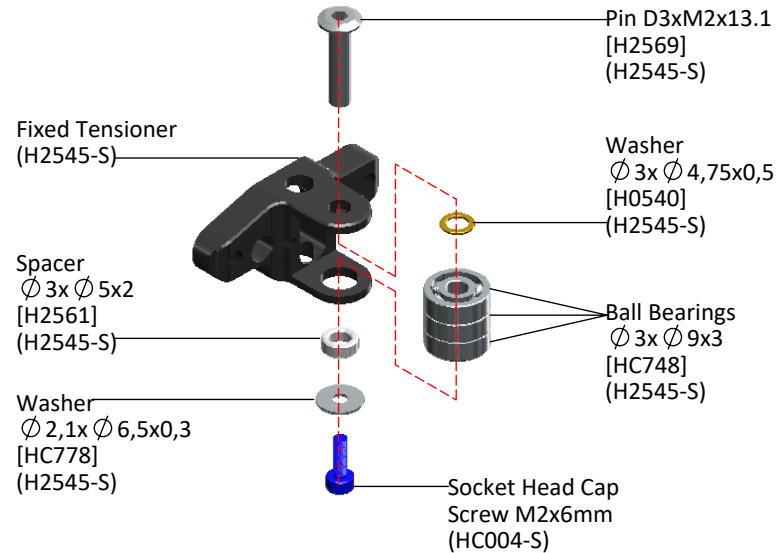
BOXES 1-3, BAG FOR PAGE 25



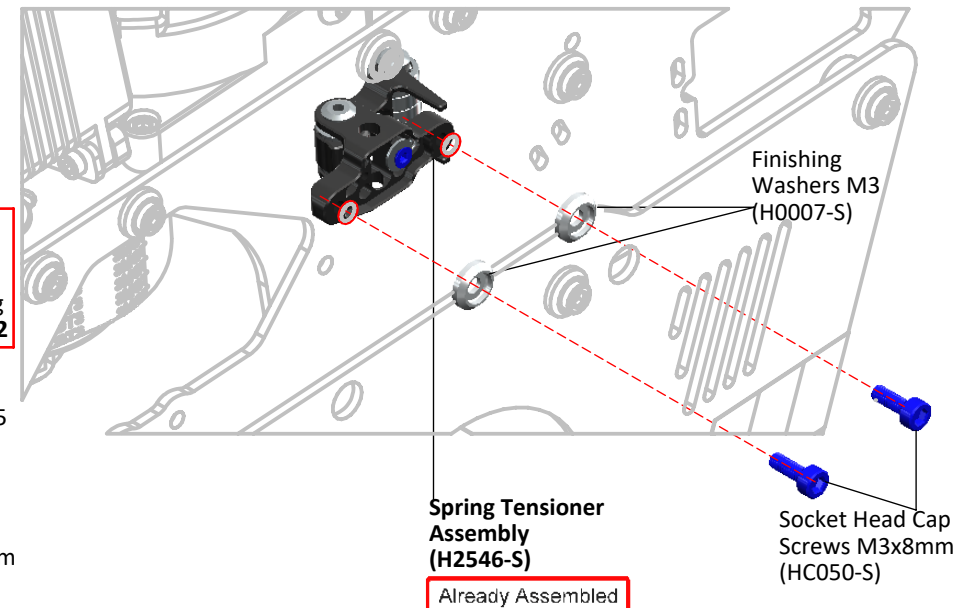
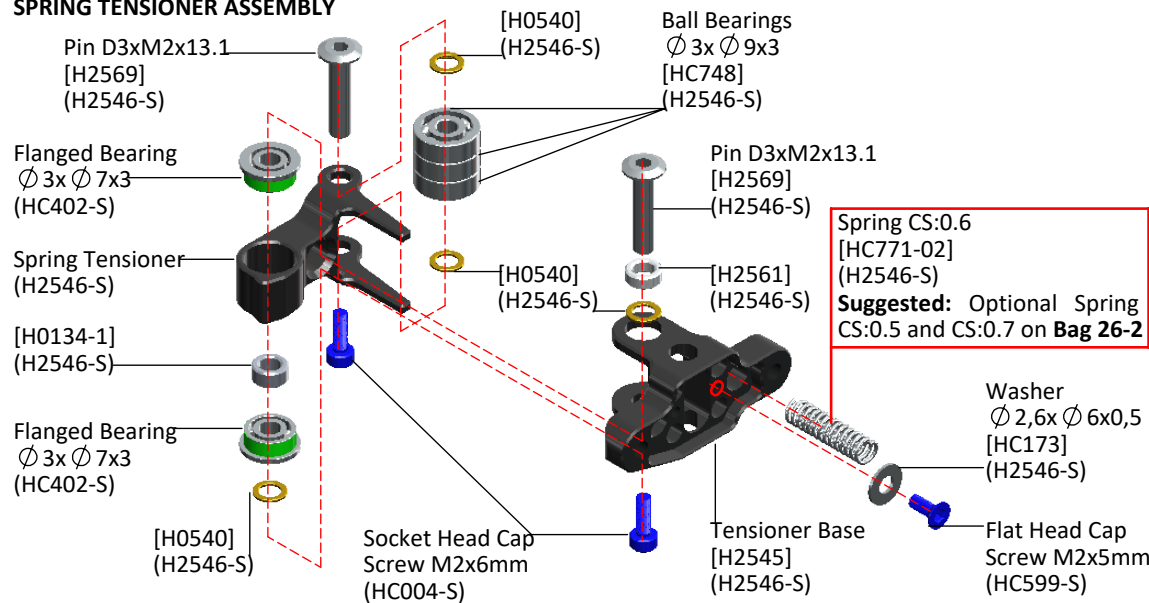


BOX 1, BAG FOR PAGE 27

FIXED TENSIONER ASSEMBLY



SPRING TENSIONER ASSEMBLY



TAIL BOOM ASSEMBLY

To fit the tail belt, loosen the tail boom by loosening the 2 **Red** M3 screws (Fig.1).

*Install the belt onto the tail front pulley, checking the direction of rotation.

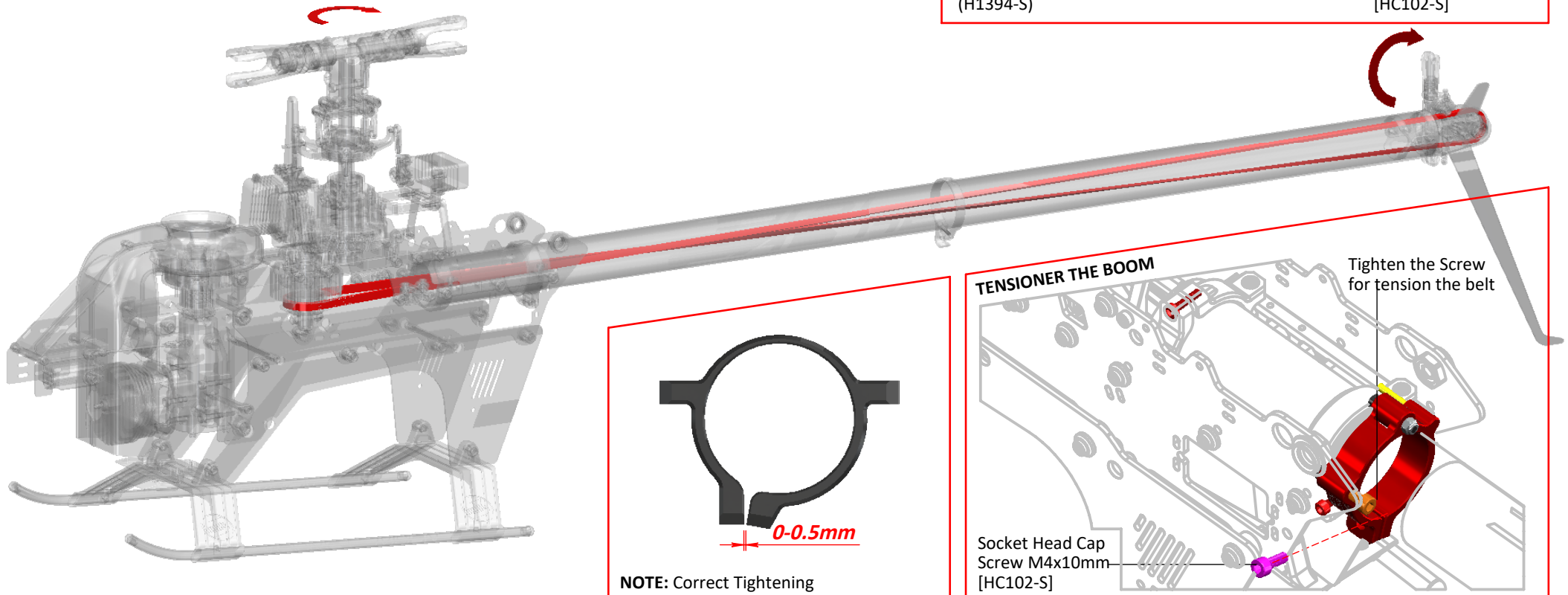
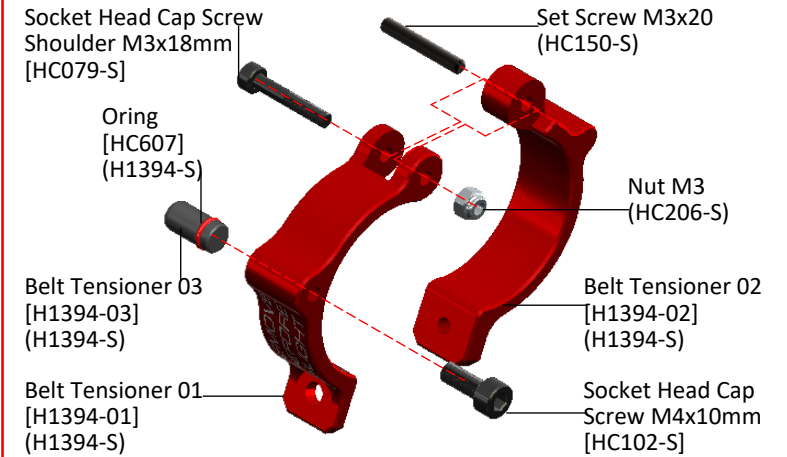
*Rotate the tail drive several times by hand.

*Tension the tail belt by using the tool kit to slide the boom backwards. Then slowly tighten the two **Red** M3 screws.

How to use the tail belt tension tool:

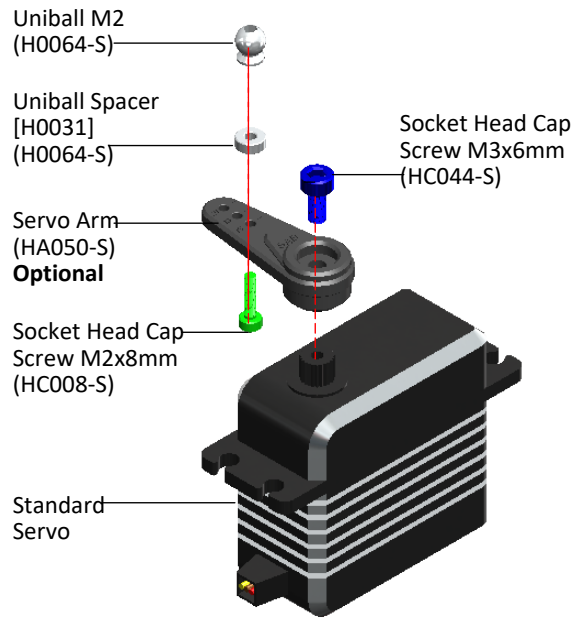
1. Push the plastic pad into its seat by unscrewing the **Orange** M4x10 screw.
2. Install the tool on the boom, it needs to touch the H2058 clamp.
The **Yellow** M3 set screw can be used to make sure the tool is parallel to the boom clamp.
3. Tighten the **Pink** M4x10 screw to lock the tool onto the boom.
4. Turn the **Orange** M4x10 screw to tension the tail belt. This will push the boom back, thus tightening the tail belt.
5. Once the correct tension is achieved, tighten the two boom clamps with the two **Red** M3 screws.

TOOL KIT ASSEMBLY

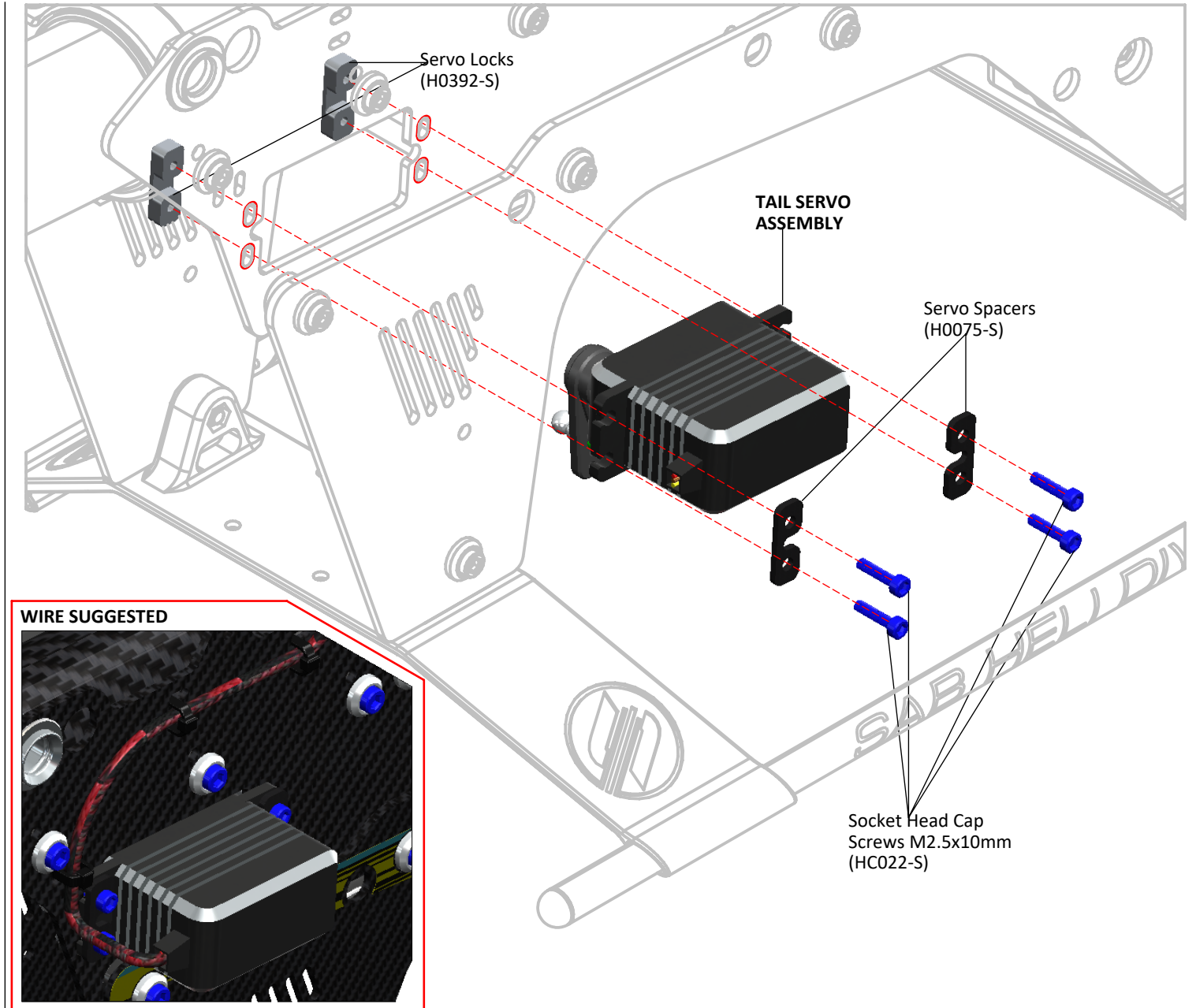
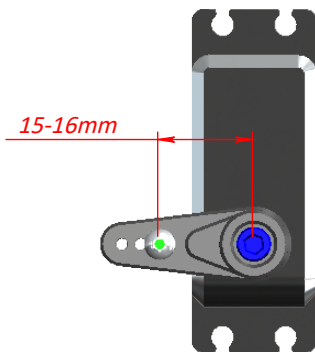


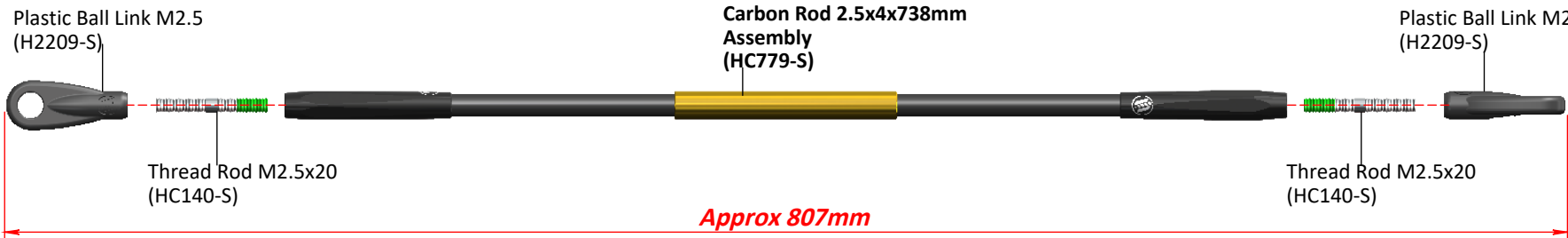
BOX 1, BAG FOR PAGE 29

TAIL SERVO ASSEMBLY




The distance between the axis and the ball must be around 15mm - 16mm

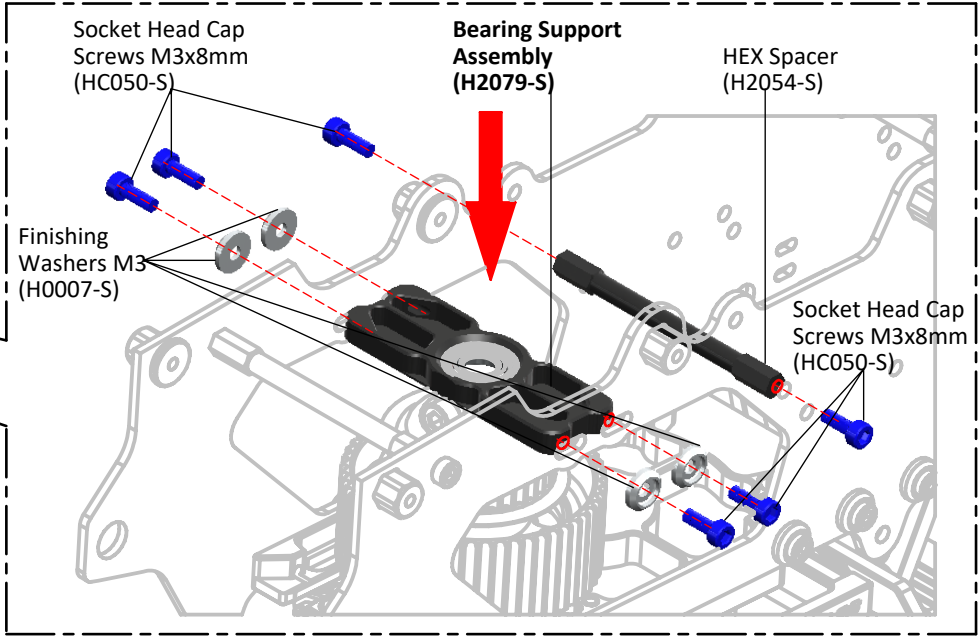
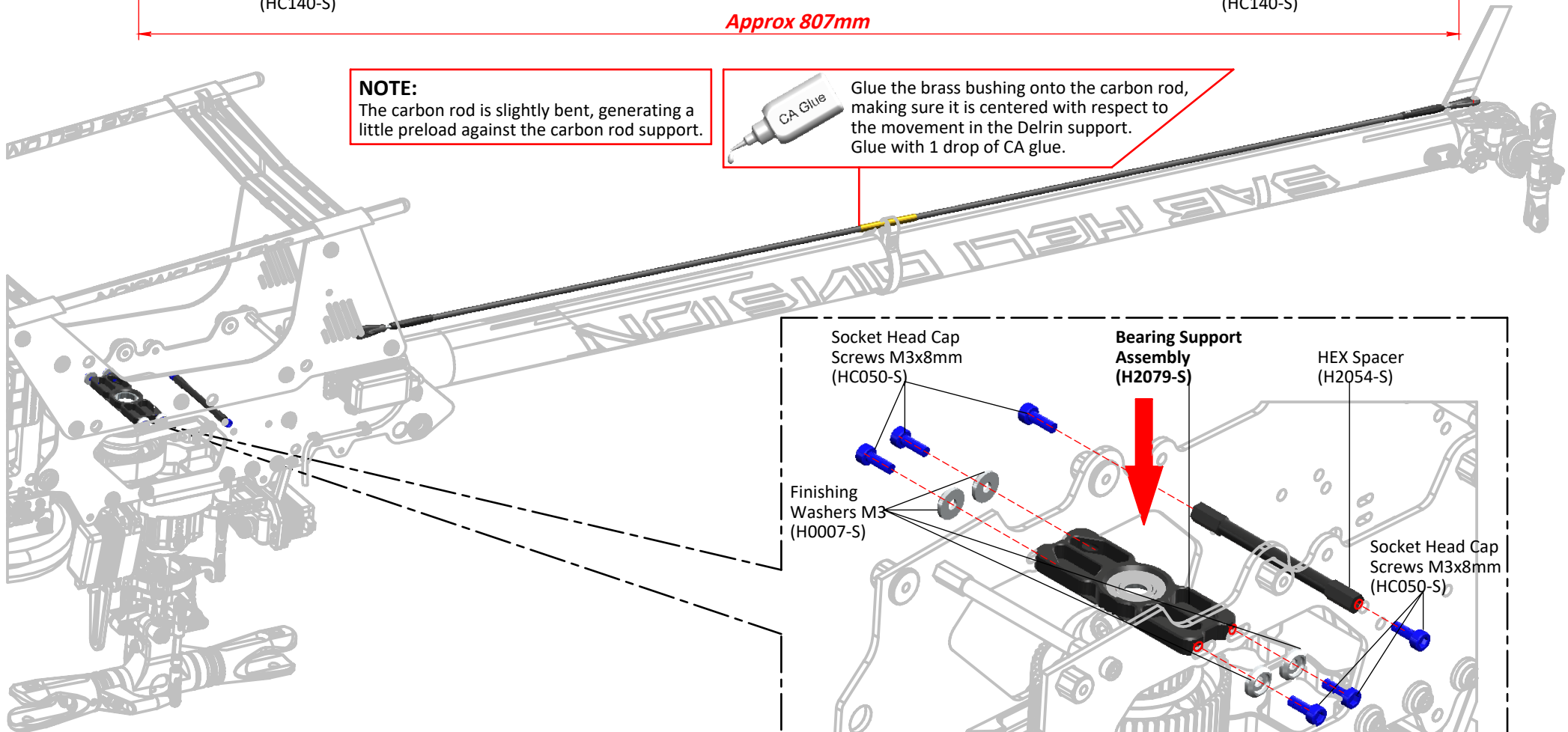




NOTE:
The carbon rod is slightly bent, generating a little preload against the carbon rod support.



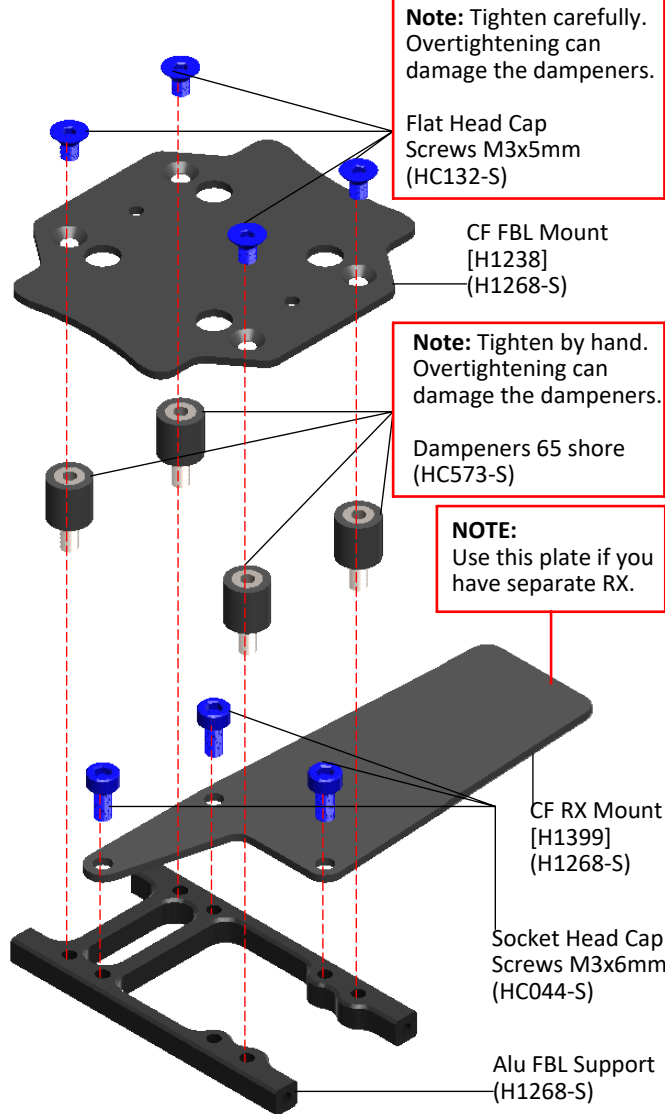
Glue the brass bushing onto the carbon rod, making sure it is centered with respect to the movement in the Delrin support. Glue with 1 drop of CA glue.



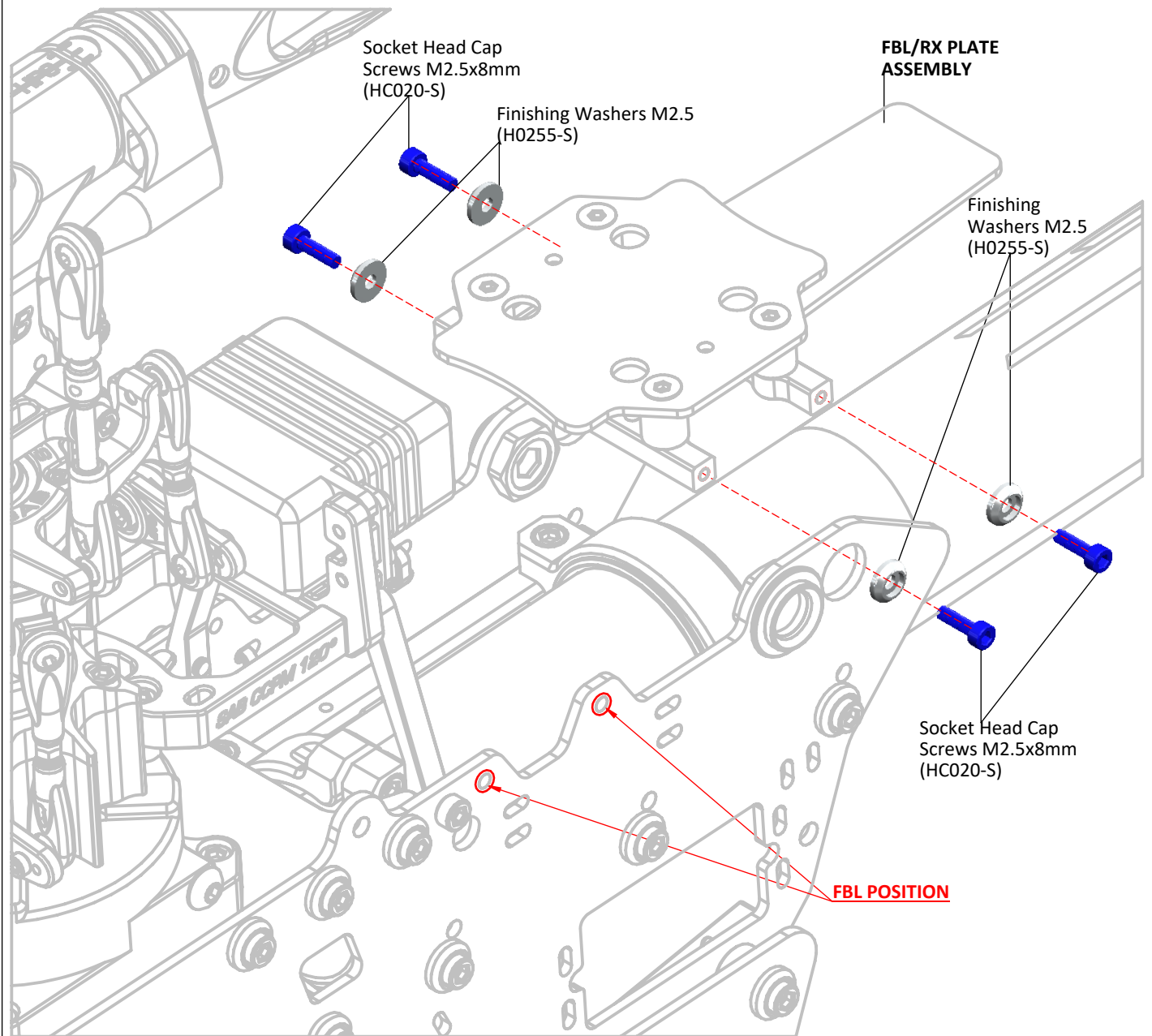
BOX 1, BAG FOR PAGE 31

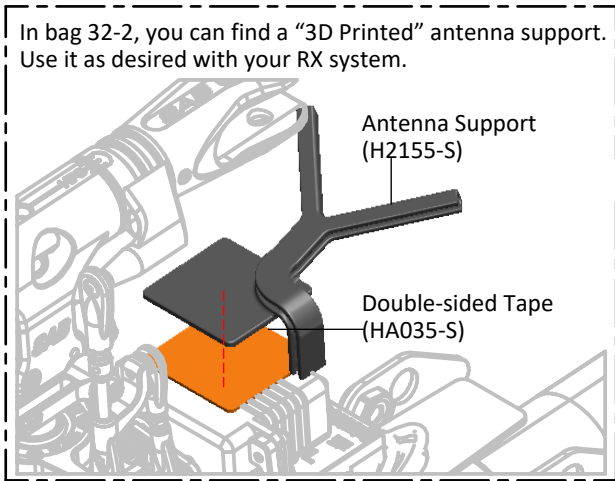
FBL/RX PLATE ASSEMBLY

NOTE: 2mm thick tape for the gyro is recommended.

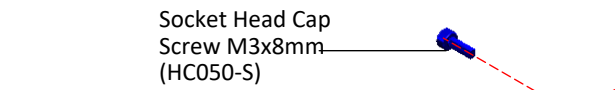


If you do not want to use the dampeners, you can setup a rigid FBL mount support using the screws and bushings contained in bag 31-2

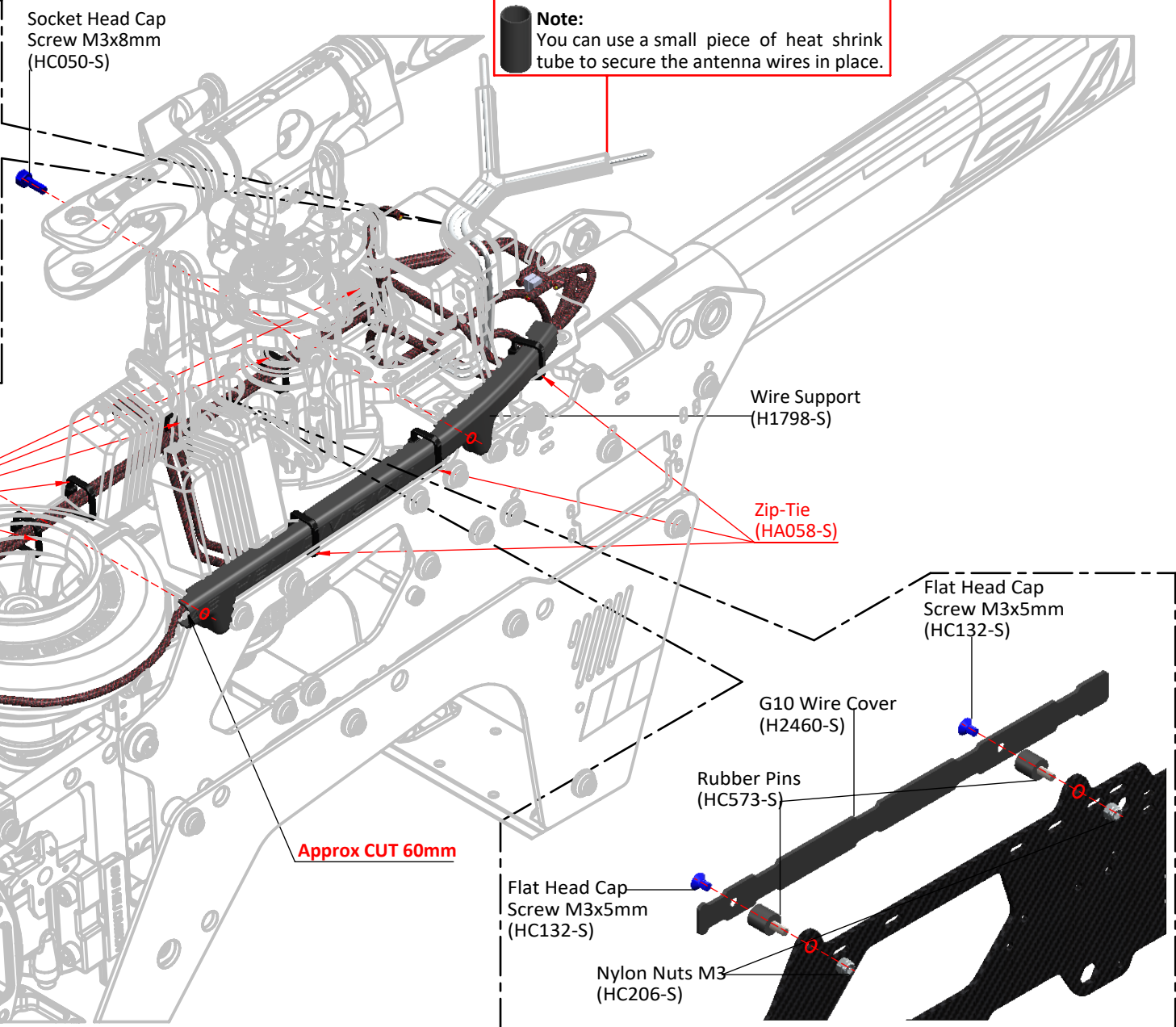
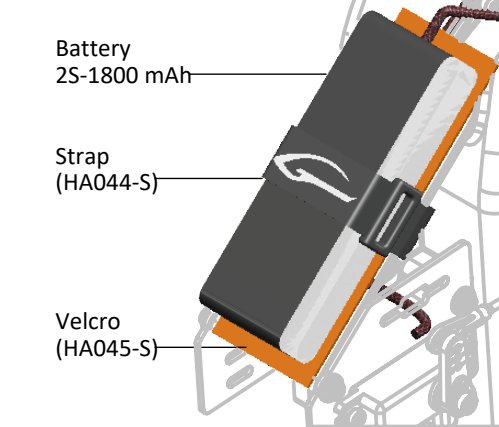




Note:
You can use a small piece of heat shrink tube to secure the antenna wires in place.

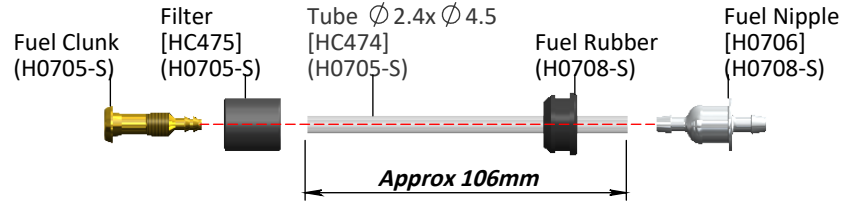


BATTERIES
Use the included double side tape to secure the batteries to the tray. Use the Velcro Strap [HA044-S].

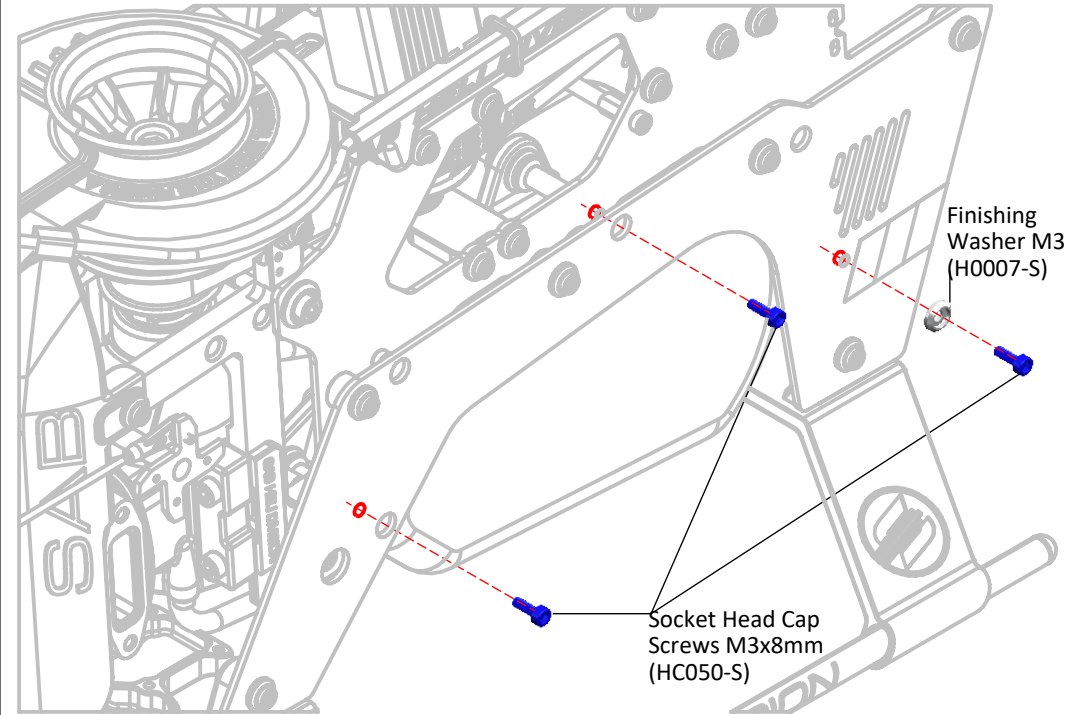
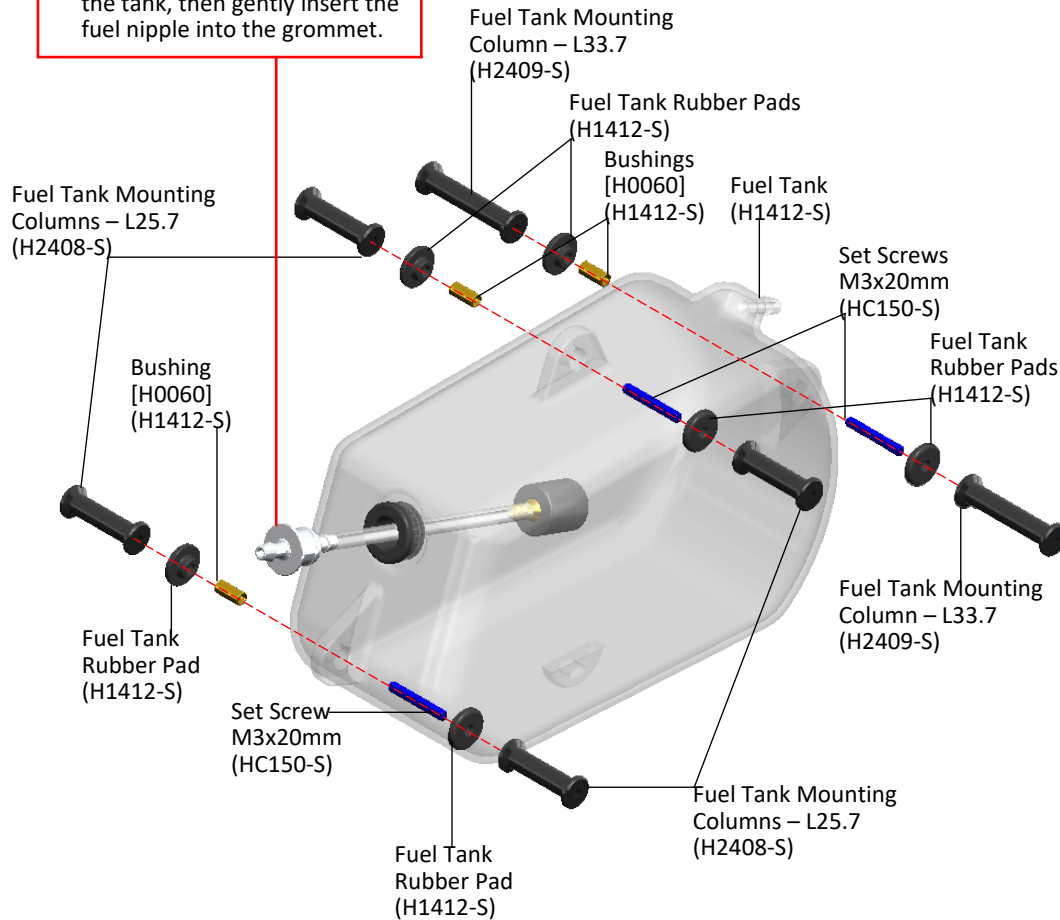


BOX 1, BAG FOR PAGE 33

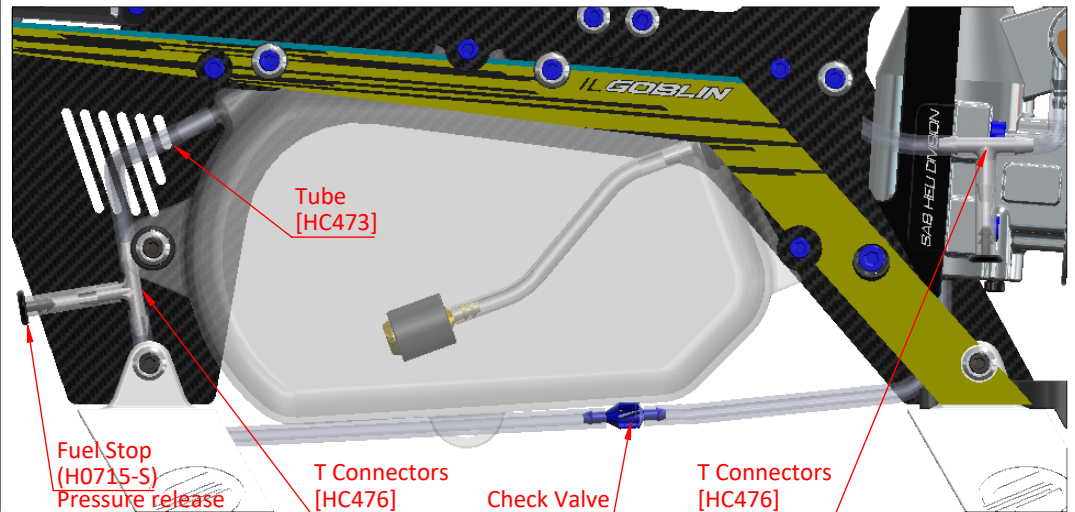
TANK LINE ASSEMBLY



NOTE:
Install the fuel grommet into the tank, then gently insert the fuel nipple into the grommet.



NOTE: Only use a backplate pressurized tank setup if your engine supports it. Consult your engine manual before plumbing your tank in this way.



CANOPY

*Install Canopy grommets (Figure.1) and the two quick knobs (Figure.2).

*Fit the canopy in the red arrow zone, and insert the knobs.


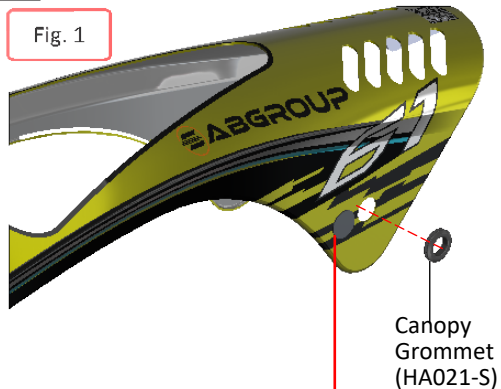
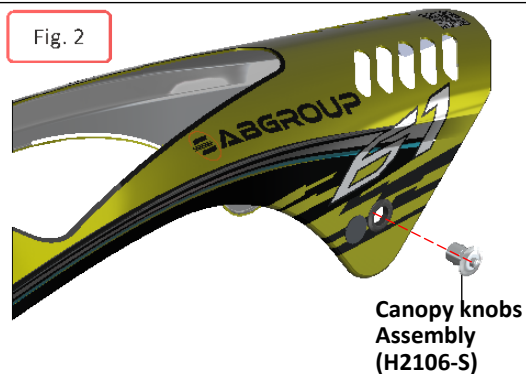
 *Confirm the canopy is secure prior to each flight.

Fig. 1



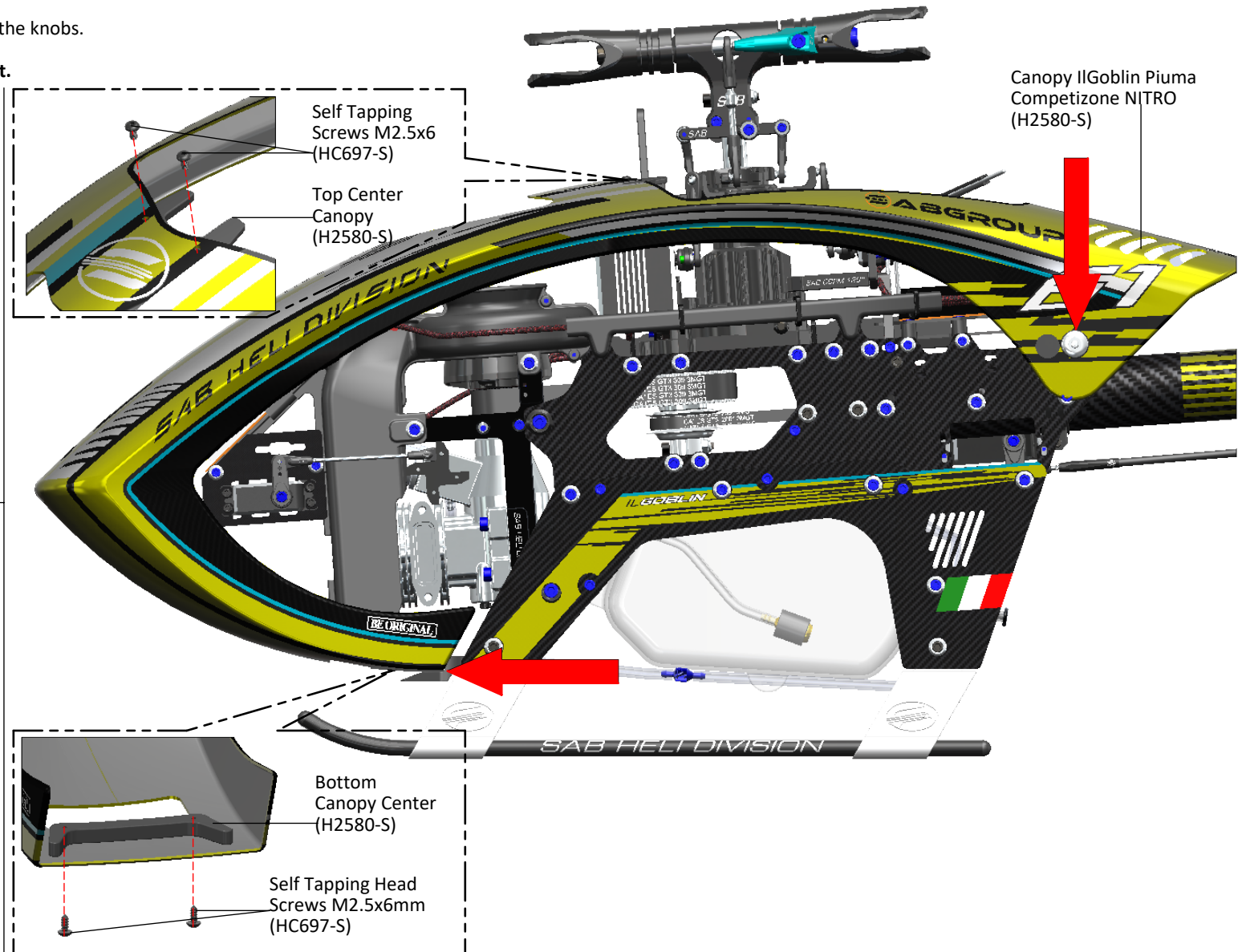
Remove cap and install canopy grommet this position if you want use on KIT SG760-SG763

Fig. 2




NOTE:

Put a very small drop of CA glue on the grommet and then insert the quick release canopy mount. This way when you remove the canopy, the mounts can not come off. Be careful not to block the quick release mechanism with glue.



OPERATIONS BEFORE FLIGHT

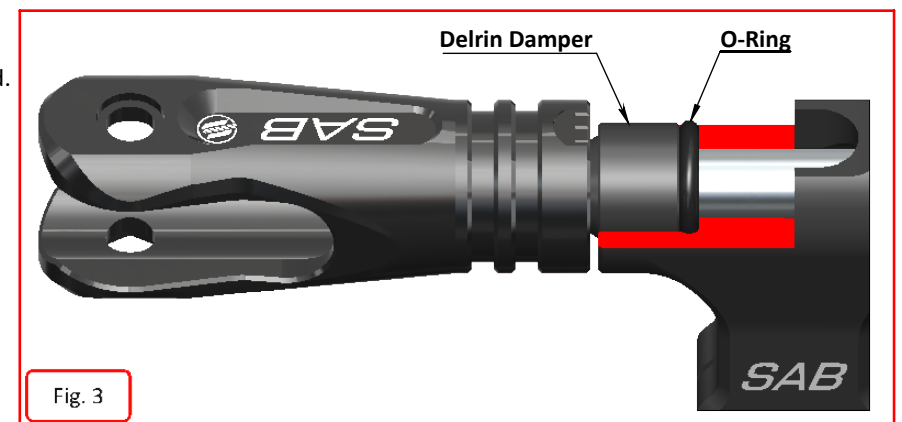
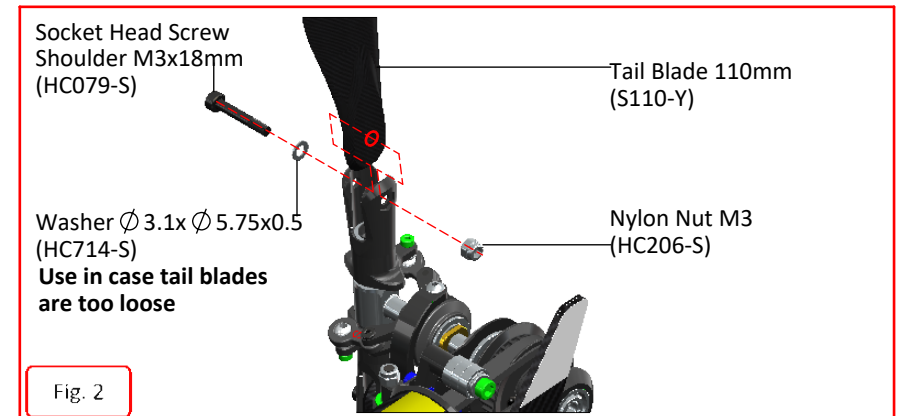
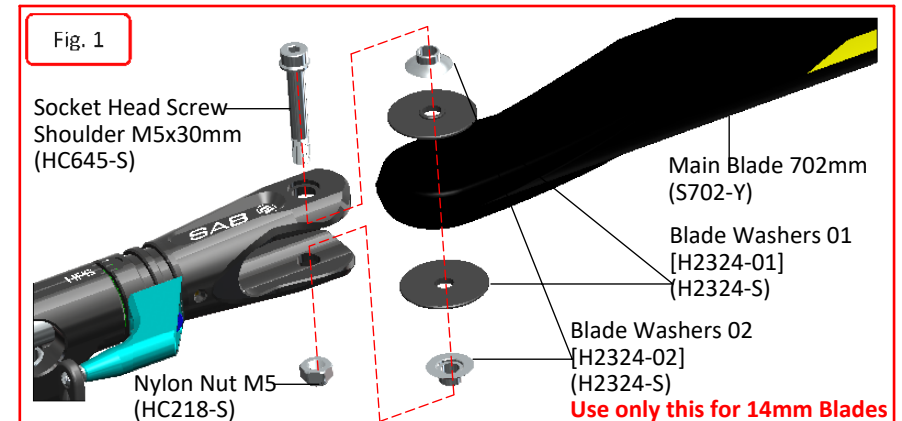
- *Set up the remote control and the flybarless system with utmost care.
 - *It is advisable to test the correct settings of the remote and flybarless system without main blades or tail blades fitted.
 - *Check that all wiring is isolated from the carbon/aluminum parts. It is good practice to protect them at the points where they are at most risk.
 - *Be sure of the gear ratio, verifying carefully the motor pulley in use. The forces acting on the mechanics increase enormously with increasing of rpm. Although the Goblin can fly at high rpm, for safety reasons we suggest to not exceed 2100rpm.
 - *Fit the main blades and tail blades. (**Figure.1** and **Figure.2**)
 - *Please make sure the main blades are tight on the blade grips, you should be able to violently jerk the head in both directions and the blades should not fold. Failure to tighten the blades properly can result in a boom strike. To fold the blades for storage, it is advisable to loosen them.
 - *Check the collective and cyclic pitch. For 3D flight, set about +/-13°.
 - *It is important to check the correct tracking of the main blades.
On the Goblin, in order to correct the tracking, adjust the main link rod. This is provided with a right/left thread system that allows continuous fine adjustments of the length of the control rod; for this adjustment it is not necessary to detach the ball link.
 - *Confirm the canopy is secure prior to each flight.
 - * Make sure that the battery locking pin is back in its resting position, blocking in correct way the battery tray.
 - ***Perform the first flight at a low headspeed, 1800 RPM.** 
- After this first flight, do a general check of the helicopter. Verify that all screws are correctly tightened.

IN FLIGHT

ABOUT HEAD

The GOBLIN Competition's main rotor is obviously optimized for the best response for 3D Competition. Fine tuning is not required. The standard damper has the correct tolerance for best response.

The O-ring only provides axial preload to eliminate any possible play.



MAINTENANCE

Take a look at the red parts.

Check them frequently. All other parts are not particularly subject to wear.

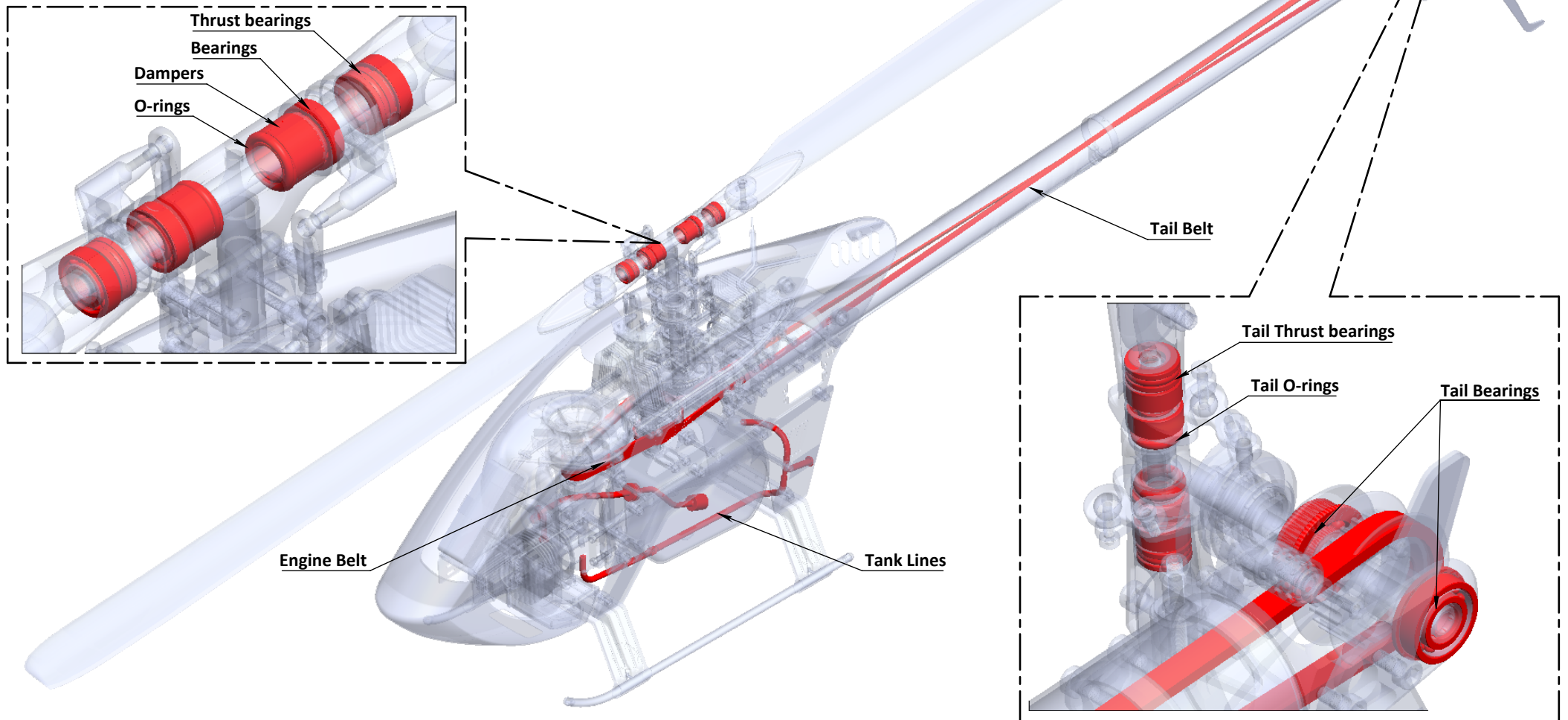
The lifespan of these components varies according to the type of flying.

On average it is recommended to check these parts every 20 flights. In some instances, based on wear, these parts should be replaced every 100 flights.

Periodically lubricate the tail slider movement and its linkages as well as the swash plate movement and its linkages.

To ensure safety you should do a general inspection of the helicopter after each flight. You should check:

- Proper belt tension (motor belt and tail belt).
- Proper isolation of the wires from the carbon and aluminum parts.
- All screws and bolts remain tight.



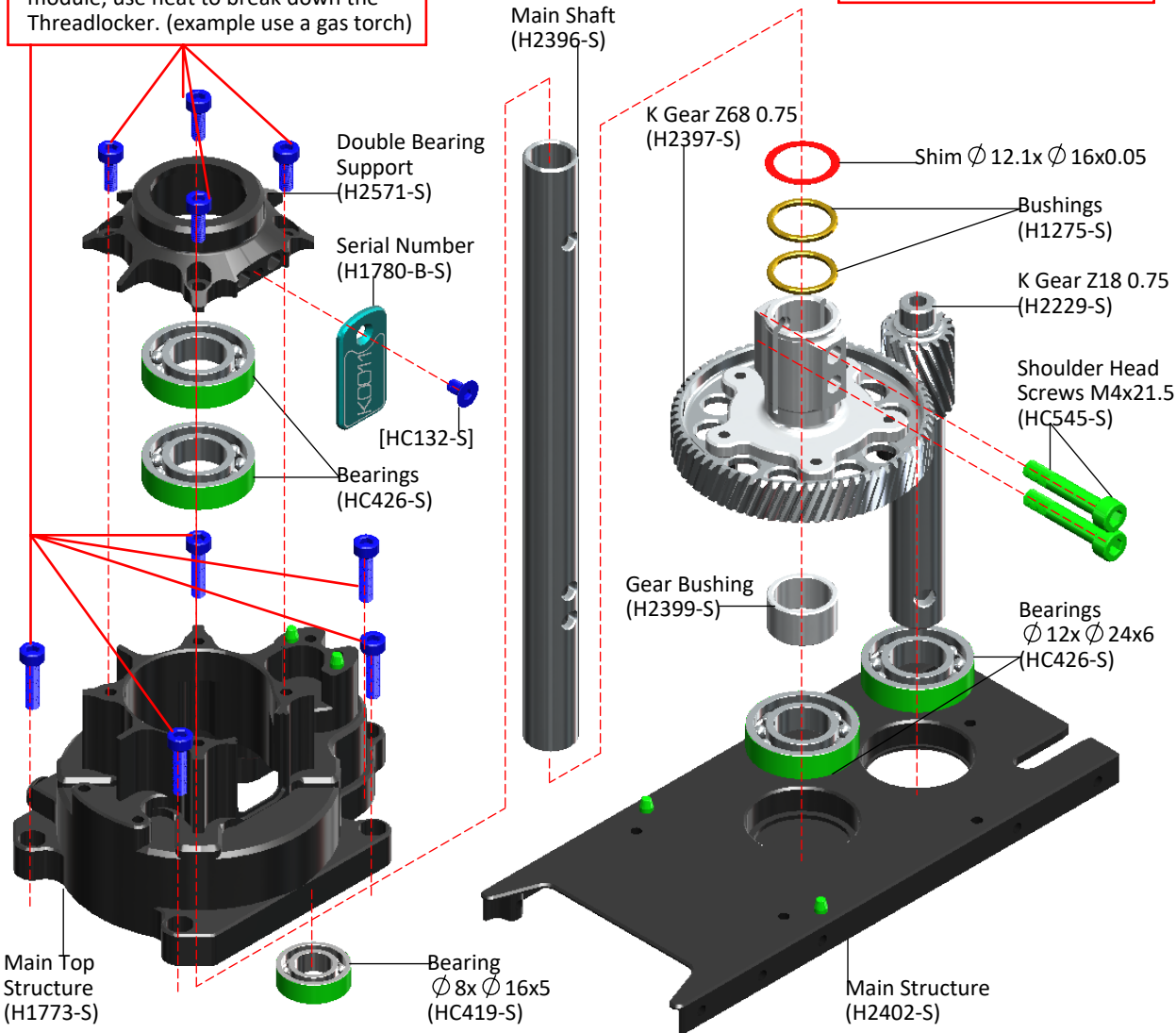
TRANSMISSION MODULE

The transmission module is supplied assembled and verified, ready to be used.

Explode and Spare Parts

NOTE:

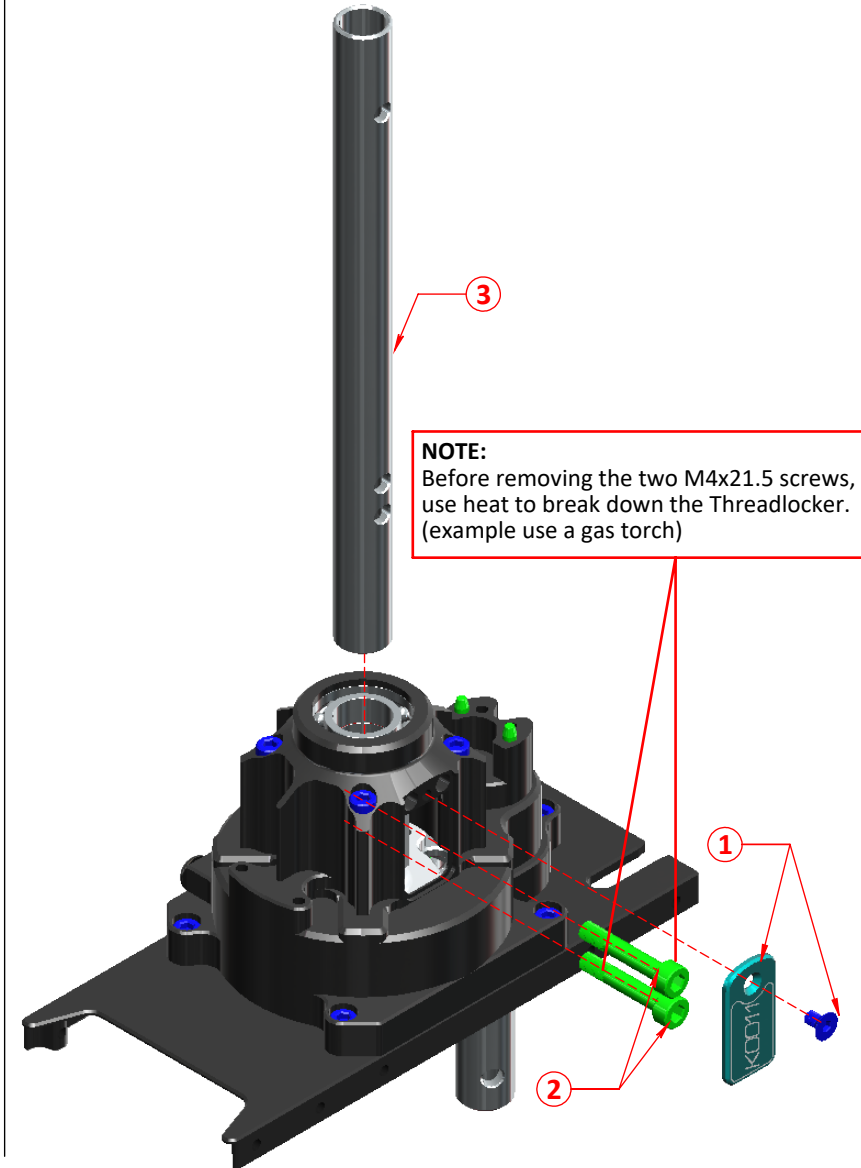
Before opening the transmission module, use heat to break down the Threadlocker. (example use a gas torch)

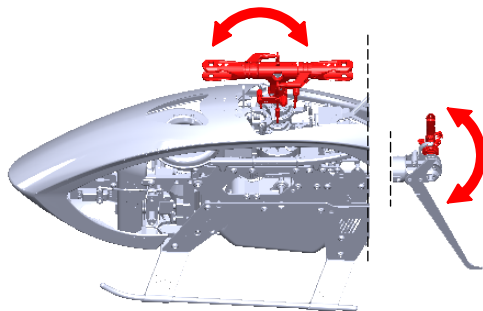
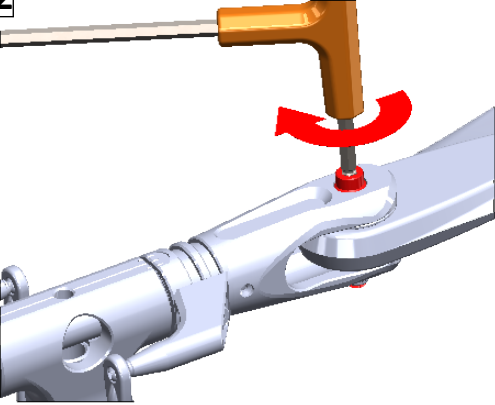
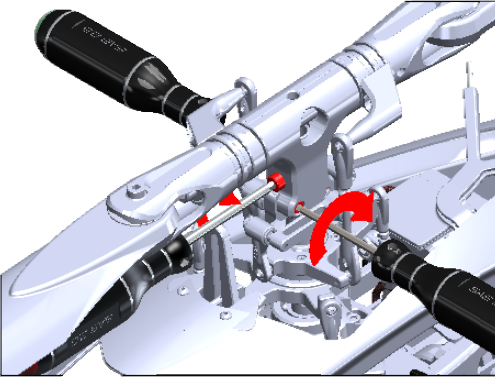
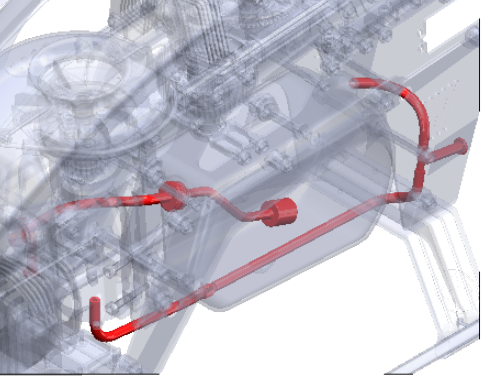
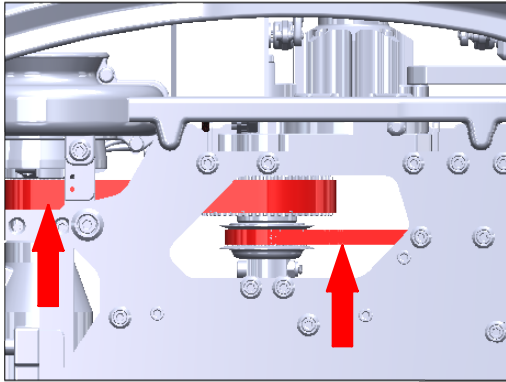
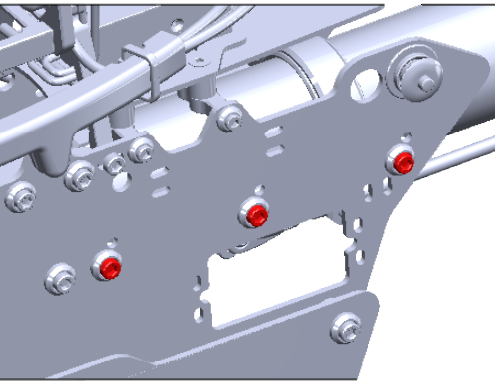
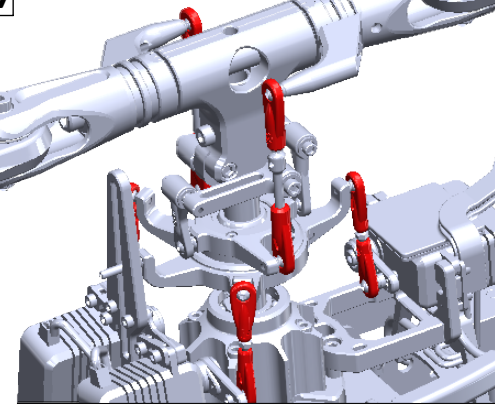
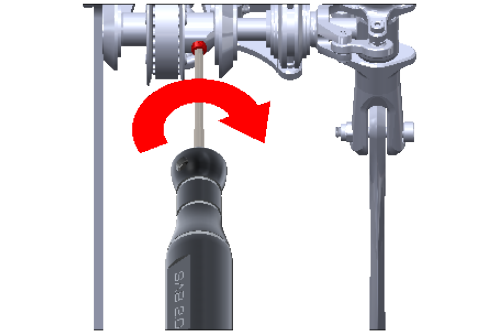
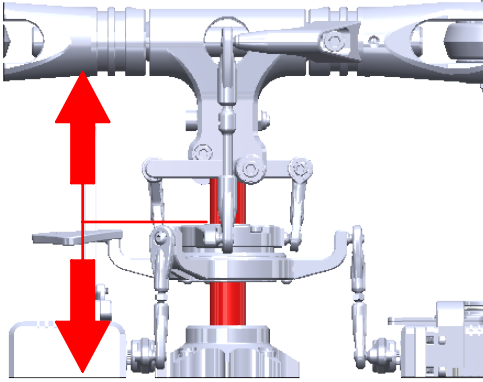
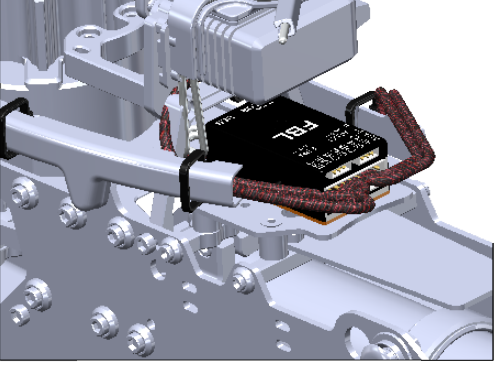
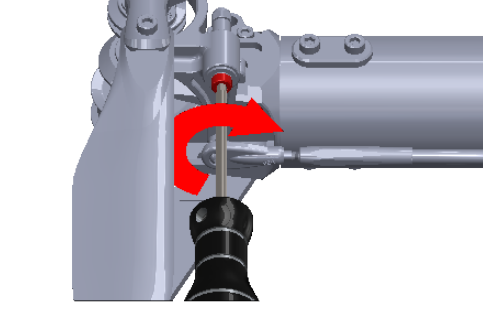
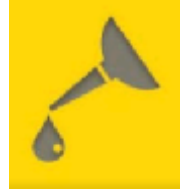





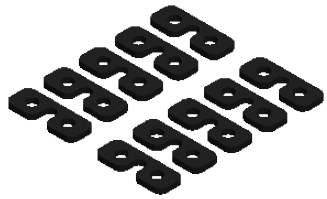
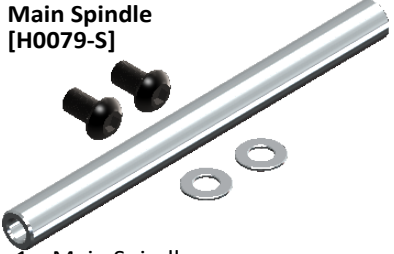






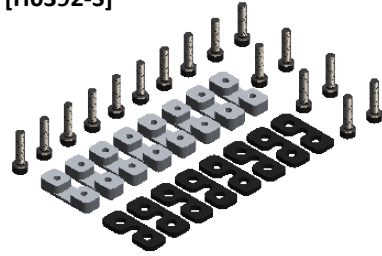





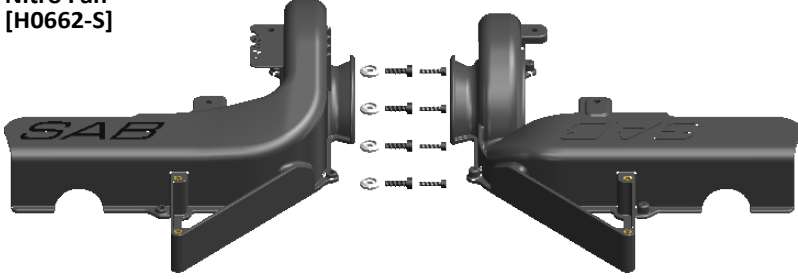

MAIN SHAFT REPLACEMENT

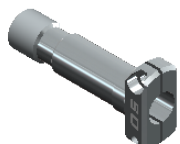
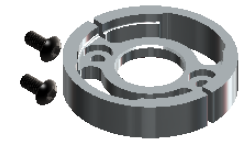
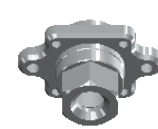



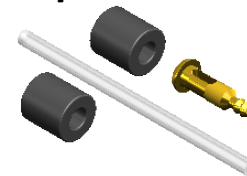





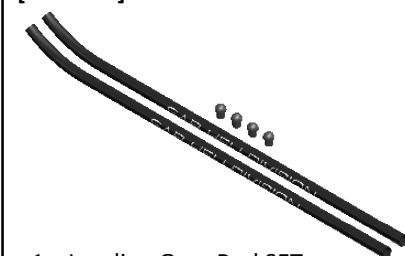
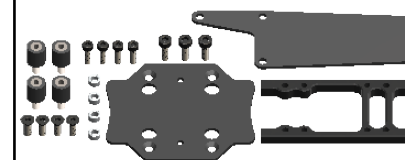




For replacing the main shaft:

- *Remove the serial number plate.
- *Remove the two M4x21.5 screws.
- *Remove and replace the main shaft.
- *Screw in the two M4x21.5 screws, with high force and using retaining compound.

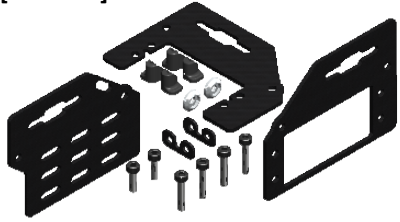


<p>1 Check the dampening on the main and tail rotor to be the same as always.</p> 	<p>2 Tighten the main blades before flight.</p> 	<p>3 Check main hub screws(M4 and 2 M3) Ensure they are tight.</p> 	<p>4 Check all Fuel Line (Good connection).</p> 
<p>5 Check Tail & Motor belt tension. The tension has to be tight.</p> 	<p>6 Regularly check these 6 M3 screws. Ensure they are always fully tightened.</p> 	<p>7 Check the Main Linkages & Servo Linkages</p> 	<p>8 Check tail pulley set screws: Ensure they are tight. (It is suggested use a bit of retaining compound.)</p> 
<p>9 Check for vertical play of the main shaft.</p> 	<p>10 Check if the FBL-RX connectors are OK (hot glue is recommended).</p> 	<p>11 Check the M3 bell crank: Belt crank movement must be smooth and the screw locked. (It is suggested use a bit of retaining compound.)</p> 	<p>12 Be sure the follow parts are properly lubricated</p> <ul style="list-style-type: none"> *Main shaft/swashplate *Tail slider/tail shaft *Carbon rod/carbon rod support *All thrust bearings *All plastic balls connections 

<p>Finishing Washer M3 [H0007-S]</p>  <p>- 10 x Finishing Washers M3.</p>	<p>Uniball M2 [H0064-S]</p>  <p>- 5 x Uniballs M2. - 5 x Uniball Spacers. - 5 x Socket Head Cap Screws M2x6. - 5 x Socket Head Cap Screws M2x8.</p>	<p>Uniball M3 [H0065-S]</p>  <p>- 5 x Uniballs M3.</p>	<p>Servo Spacer [H0075-S]</p>  <p>- 10 x Servo Spacers.</p>	<p>Main Spindle [H0079-S]</p>  <p>- 1 x Main Spindle. - 2 x Washers $\varnothing 6,1 \times \varnothing 14 \times 1,8 \text{mm}$. - 2 x Button Head Cap Screws M6x10.</p>
<p>Plastic Radius Arm [H0205-S]</p>  <p>- 2 x Plastic Radius Arms.</p>	<p>Finishing Washer M2,5 [H0255-S]</p>  <p>- 10 x Finishing Washers M2,5.</p>	<p>Tail Pitch Slider Link [H0261-S]</p>  <p>- 2 x Tail Pitch Slider Links. - 2 x Bushings $\varnothing 2 \times \varnothing 3 \times 3$. - 2 x Socket Head Cap Screws M2x6.</p>	<p>Tail Pin [H0264-S]</p>  <p>- 2 x Tail Pins.</p>	<p>Tail Spindle [H0329-S]</p>  <p>- 1 x Tail Spindle. - 2 x Button Head Cap Screws M4x6.</p>
<p>Spacer Set For Tail Rotor [H0330-S]</p>  <p>- 2 x Tail O-rings. - 2 x Washers $\varnothing 5 \times \varnothing 8,9 \times 0,75 \text{mm}$. - 2 x Washers $\varnothing 7,5 \times \varnothing 10 \times 0,5 \text{mm}$.</p>	<p>Servo Lock [H0392-S]</p>  <p>- 1 x Servo Lock SET.</p>	<p>Plastic Ball Link M2 [H0403-S]</p>  <p>- 5 x Plastic Ball Linkages M2.</p>	<p>Bell Crank Lever [H0406-S]</p>  <p>- 1 x Bell Crank Lever SET.</p>	<p>Linkage Rod M3x50 [H0417-S]</p>  <p>- 2 x Linkage Rods M3x50mm. - 4 x Plastic Ball Linkages.</p>
<p>Uniball M2 [H0538-S]</p>  <p>- 5 x Uniballs M2.</p>	<p>35mm Servo Spacer [H0572-S]</p>  <p>- 4 x 35mm Servo Spacers.</p>	<p>Nitro Fan [H0662-S]</p>  <p>- 1 x Nitro Fan Set.</p>	<p>Engine Support [H0665-S]</p>  <p>- 1 x SX Engine Support. - 1 x DX Engine Support.</p>	

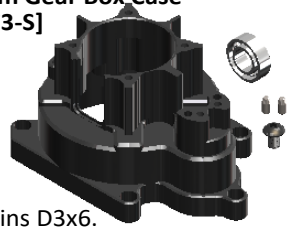
<p>Engine Shaft [H0668-B-S]</p>  <p>- 1 x Steel Crank Shaft for OS Engine.</p>	<p>Steel Clutch [H0670-S]</p>  <p>- 1 x Steel Clutch. - 2 x Button Head Cap Screws M4x8.</p>	<p>Aluminum Clutch Support [H0672-S]</p>  <p>- 1 x Aluminum Clutch Support.</p>	<p>Aluminum Clutch Bell [H0674BL-S]</p>  <p>- 1 x Aluminum Clutch Bell. - 1 x Clutch Line.</p>	<p>Engine Pulley 26T-28T [H0675BL-26-28-S]</p>  <p>- 1 x Engine Pulley 26T-28T. - 1 x Nitro Pulley Flange. - 3 x Bearings $\varnothing 12x \varnothing 18x4mm$.</p>
<p>Engine Spacer Support [H0682-S]</p>  <p>- 2 x Engine Spacers Support. - 2 x Socket Head Cap Screws M3x8. - 2 x Flat Head Cap Screws M3x8.</p>	<p>SAB Fuel Clunk [H0705-S]</p>  <p>- 1 x SAB Fuel Clunk. - 2 x SAB Fuel Clunk Filters. - 1 x SAB Fuel Tube.</p>	<p>SAB Fuel Nipple [H0708-S]</p>  <p>- 1 x SAB Fuel Nipple. - 2 x SAB Tank Grommets.</p>	<p>SAB Fuel Stop [H0715-S]</p>  <p>- 2 x SAB Fuel Stops. - 2 x SAB Te 3,2.</p>	<p>Servo Spacer [H0728-S]</p>  <p>- 2 x Servo Spacers.</p>
<p>Reference Pin [H1048-S]</p>  <p>- 1 x Reference Pin.</p>	<p>Bell Crank Support [H1095-S]</p>  <p>- 1 x Bell Crank Support. - 2 x Socket Head Cap Screws M2,5x8</p>	<p>Landing Gear Rod D8x335mm [H1242-S]</p>  <p>- 1 x Landing Gear Rod SET.</p>	<p>FBL/RX Plate Support [H1268-S]</p>  <p>- 1 x FBL/RX Plate Support SET.</p>	<p>Brass Bushing $\varnothing 12,1x \varnothing 15x1,4mm$ [H1275-S]</p>  <p>- 4 x Bushings $\varnothing 12,1x \varnothing 15x1,4mm$.</p>
<p>Front Boom Lock [H1352-S]</p>  <p>- 1 x Front Boom Block. - 2 x Socket Head Cap Screws M3x10. - 1 x Socket Head Cap Screw M3x12. - 1 x Nylon Nut M3.</p>	<p>Belt Tensioner D35 [H1394-S]</p>  <p>- 1 x Belt Tensioner D35 SET.</p>	<p>650ml SAB Fuel Tank [H1412-S]</p>  <p>- 1 x 650ml SAB Fuel Tank. - 3 x Bushings. - 6 x Rubber Washers.</p>	<p>Canopy Front Lock [H1439-S]</p>  <p>- 1 x Canopy Front Lock. - 4 x Self Tapping Screws M3x10.</p>	

Servo Engine Mount SET
[H1442-S]



- 1 x Servo Engine Mount SET.

Bottom Gear Box Case
[H1773-S]



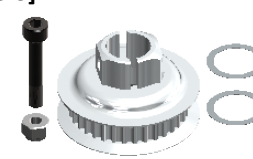
- 2 x Pins D3x6.
- 1 x Bottom Gear Box Case.
- 1 x Button Head Cap Screw M4x6.
- 1 x Ball Bearing $\varnothing 8x \varnothing 16x5$.

Double OWB Mount SET
[H1777-G-S]



- 1 x Double OWB Mount SET.

Front Tail Pulley Z34
[H1778-S]



- 1 x Front Tail Pulley Z34.
- 1 x Nylon Nut M4.
- 2 x Shims $\varnothing 12,1x \varnothing 16x0,1$.
- 1 x Shouldered Cap Screw M4x21,5.

Serial Number
[H1780-B-S]



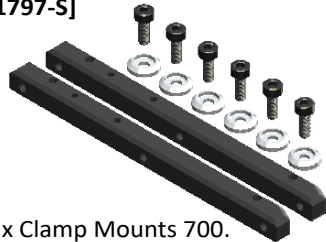
- 1 x Serial Number.
- 1 x Flat Head Cap Screw M3x5.

Main Blade Grip
[H1790-S]



- 1 x Main Blade Grip SET.

Clamp Mount 700
[H1797-S]



- 2 x Clamp Mounts 700.
- 6 x Finishing Washers M3.
- 6 x Socket Head Cap Screws M3x10.

Plastic Wire Cover
[H1798-S]



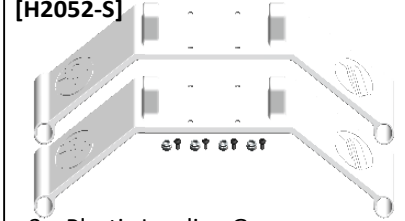
- 1 x Plastic Wire Cover.
- 2 x Socket Head Cap Screws M3x8.

Tail Blade Grip
[H1893-S]



- 2 x Tail Blade Grips.
- 2 x Washers $\varnothing 7,5x \varnothing 10x0,5$.
- 2 x Button Head Cap Screws M4x6.
- 4 x Ball Bearings $\varnothing 5x \varnothing 10x4$.
- 2 x Thrust Bearings $\varnothing 5x \varnothing 10x4$.

Plastic Landing Gear
[H2052-S]



- 2 x Plastic Landing Gears.
- 4 x Nylon Nuts M3.
- 4 x Self Tapping Screws M2,2x6.

HEX 5 Spacer M3x60
[H2054-S]



- 2 x HEX 5 Spacers M3x60.

Rear Boom Lock
[H2058-S]



- 1 x Rear Boom Lock.
- 1 x Nylon Nut M3.
- 1 x Rear Boom Lock Rubber.
- 2 x Socket Head Cap Screws M3x10.
- 1 x Socket Head Cap Screw M3x12.

Carbon Fiber Tail Fin
[H2066-S]



- 1 x Carbon Fiber Tail Fin.
- 2 x Socket Head Cap Screws M3x8.
- 1 x Orange Sticker.
- 1 x Yellow Sticker.

3rd Bearing Support
[H2079-S]



- 1 x 3rd Bearing Support.
- 4 x Finishing Washers M3.
- 4 x Socket Head Cap Screws M3x8.
- 1 x Ball Bearing $\varnothing 12x \varnothing 21x5$.

Tail Tensioner Base
[H2084-S]



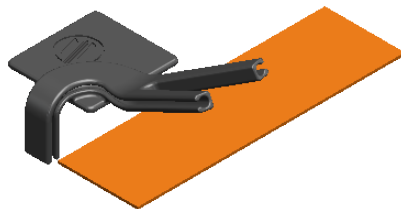
- 1 x Tail Tensioner Base.
- 2 x Socket Head Cap Screws M2,5x6.
- 1 x Socket Head Cap Screw M3x8.
- 1 x Washer $\varnothing 3x \varnothing 7x1$.
- 3 x Ball Bearings $\varnothing 5x \varnothing 9x3$.

Canopy Quick Release
[H2106-S]



- 2 x Canopy Quick Releases.

SLS Antenna 700
[H2155-S]



- 1 x SLS Antenna 700.
- 1 x Double-sided Tape.

Plastic Ball Linkage M2.5
[H2209-S]



- 10 x Plastic Ball Linkages M2,5.

Plastic Ball Linkage M3
[H2210-S]

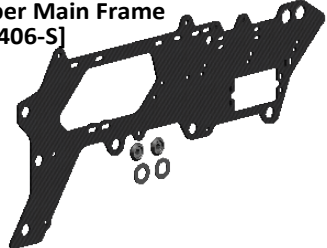


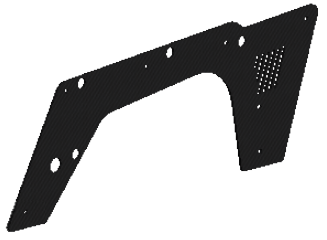



- 10 x Plastic Ball Linkages M3.

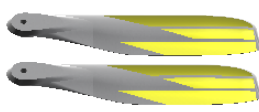





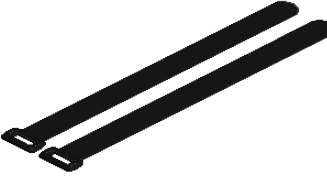














Pinion Z18xD12
[H2229-S]



















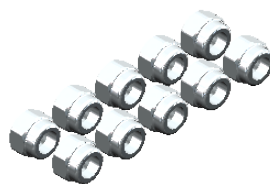

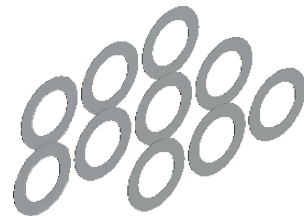
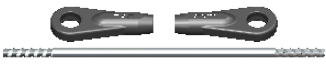







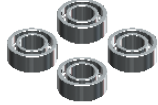









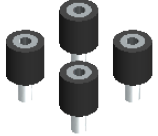
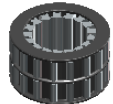


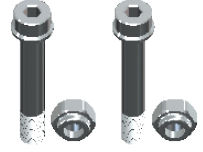



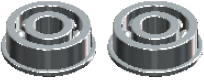
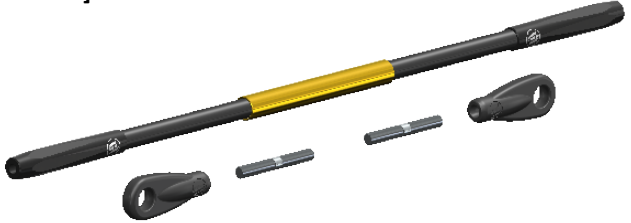
- 1 x Pinion Z18xD12.

<p>Main Blade Washer [H2324-S]</p>  <p>- 4 x Titanium Blade Washers 01. - 4 x Delrin Blade Washers 02.</p>	<p>Main Hub D12 [H2383-S]</p>  <p>- 1 x Main Hub D12. - 1 x Socket Head Cap Screw M3x12. - 1 x Nylon Nut M4. - 1 x Socket Shoulder Screw M4x24.</p>	<p>Tail Shaft D6 [H2386-S]</p>  <p>- 1 x Tail Shaft D6. - 2 x O-rings Shore 70. - 2 x Delrin Bushings.</p>	<p>Tail Pulley Z22/Z26 [H2390-22/26-S]</p>  <p>- 1 x Tail Pulley Z23/Z26. - 2 x Tail Pulley Z23/Z26 WS. - 6 x Button Head Cap Screws M2x4. - 1 x Set Screw M4x6mm.</p>	<p>Main Shaft D12 [H2396-S]</p>  <p>- 1 x Main Shaft D12. - 2 x Shims $\varnothing 12,1x \varnothing 16x0,1$. - 2 x Shoulder Cap Screws M4x21,5.</p>
<p>Main Gear Z68 [H2397-S]</p>  <p>- 1 x Main Gear Z68. - 1 x Main Gear Mount D12. - 5 x Socket Head Cap Screws M3x6. - 2 x Shoulder Cap Screws M4x21,5.</p>	<p>Gear Bushing [H2399-S]</p>  <p>- 2 x Bushings $\varnothing 12,2x \varnothing 15,2x8,5$. - 2 x Shims $\varnothing 12,1x \varnothing 16x0,1$.</p>	<p>Main Pulley [H2401-S]</p>  <p>- 1 x Main Pulley Z56. - 4 x Socket Head Cap Screws M3x4.</p>	<p>Main Plate 12mm Shaft [H2402-S]</p>  <p>- 2 x Pins 3x6. - 1 x Main Plate 12mm Shaft. - 2 x Ball Bearings $\varnothing 12x \varnothing 24x6$.</p>	<p>Upper Main Frame [H2406-S]</p>  <p>- 1 x Upper Main Frame. - 2 x Main Frame Spacers. - 2 x M4 Frame Bushings.</p>
<p>Fuel Tank Mounting Column – 25.7mm [H2408-S]</p>  <p>- 2 x Fuel Tank Mounting Columns – 25.7mm. - 1 x Set Screw M3x20mm.</p>	<p>Fuel Tank Mounting Column – 33.7mm [H2409-S]</p>  <p>- 2 x Fuel Tank Mounting Columns – 33.7mm. - 1 x Set Screw M3x20mm.</p>	<p>Main Frame Spacer [H2410-S]</p>  <p>- 8 x Main Frame Spacers.</p>	<p>Frame Bushing $\varnothing 8,25x \varnothing 10x6$ [H2411-S]</p>  <p>- 8 x Bushings $\varnothing 8,25x \varnothing 10x6$.</p>	<p>Lower Main Frame [H2434-S]</p>  <p>- 1 x Lower Main Frame.</p>
<p>G10 Wire Support [H2460-S]</p>  <p>- 1 x G10 Wire Support. - 2 x Flat Head Cap Screws M3x5. - 2 x Nylon Nuts M3. - 2 x Rubber Pins M3x6.</p>	<p>Back Servo Mount Support [H2462-S]</p>  <p>- 1 x Back Servo Mount Support. - 2 x Socket Head Cap Screws M3x8.</p>	<p>Servo Spacer 2mm [H2463-S]</p>  <p>- 6 x Servo Spacers 2mm.</p>	<p>PEEK Fan [H2482-S]</p>  <p>- 1 x PEEK Fan. - 1 x G10 Space. - 4 x G10 Washers. - 4 x Socket Head Cap Screws M3x10.</p>	<p>Tail Pitch Silder [H2525-S]</p>  <p>- 1 x Tail Pitch Slider ASM.</p>

<p>Fixed Tensioner [H2545-S]</p>  <p>- 1 x Spring Tensioner SET.</p>	<p>Spring Tensioner [H2546-S]</p>  <p>- 1 x Spring Tensioner SET.</p>	<p>Back Servo Mount 4mm [H2547-S]</p>  <p>- 1 x Back Servo Mount 4mm. - 2 x Servo Spacers. - 4 x Socket Head Screws M2,5x8. - 4 x Socket Head Screws M2,5x10.</p>	<p>Main Blade Grip 27mm [H2548-S]</p>  <p>- 2 x Blade Grip Arms 27. - 2 x Uniballs M3. - 2 x Socket Head Cap Screws M4x10.</p>	<p>Boom D35 Flanged Bracket [H2549-S]</p>  <p>- 2 x Boom D35 Flanged Brackets. - 4 x Socket Head Cap Screws M3x8.</p>
<p>Rear Servo Rigid [H2554-S]</p>  <p>- 1 x Rear Servo Rigid. - 2 x Socket Head Screws M2,5x12. - 2 x Socket Head Cap Screws M3x8.</p>	<p>Tube Carbon Boom D35 Competition [H2557-S]</p>  <p>- 1 x Tube Carbon Boom D35 CO.</p>	<p>Top Gear Box Case D12-2Bearing [H2571-S]</p>  <p>- 1 x Top Gear Box Case D12-2Bearing. - 4 x Socket Head Cap Screws M3x8. - 2 x Bearings $\varnothing 12x \varnothing 24x6$.</p>	<p>Tail Case D35-S6 Big Flanged [H2572-S]</p>  <p>- 1 x Tail Case D35-S6 Big Flanged. - 1 x Flanged Bearing $\varnothing 6x \varnothing 13x5$. - 1 x Flanged Bearing $\varnothing 6x \varnothing 17x6$.</p>	
<p>Swashplate System 27-12 [H2573-S]</p>  <p>- 1 x Swashplate System 27-12 SET.</p>	<p>Front Servo Mount 27 [H2575-S]</p>  <p>- 1 x Front Servo Mount 27. - 1 x Servo Align Tool. - 2 x Socket Head Cap Screws M3x8.</p>	<p>Delrin Anti-rotation Guide [H2576-S]</p>  <p>- 1 x Delrin Anti-rotation Guide. - 2 x Socket Head Cap Screws M2,5x8.</p>	<p>Servo Linkage M2.5x26mm [H2577-S]</p>  <p>- 3 x Servo Linkages M2.5x26mm. - 6 x Plastic Ball Linkages.</p>	<p>Radius Arm SET [H2578-S]</p>  <p>- 1 x Radius Arm Set.</p>
<p>Carbon Fiber Disk 1mm [H2579-S]</p>  <p>- 1 x Carbon Fiber Disks 1mm.</p>	<p>IlGoblin Piuma Canopy Competition [H2580-S]</p>  <p>- 2 x Canopy Grommets. - 1 x SLS Bottom Center Canopy. - 1 x SLS Top Center Canopy. - 1 x IlGoblin Piuma Canopy Competition. - 4 x Self Tapping Screws M2,5x6.</p>	<p>Carbon Rod Support [H2581-S]</p>  <p>- 1 x Carbon Rod Support. - 1 x Socket Head Cap Screws M2,5x12.</p>	<p>700 Delrin Damper [H2584-S]</p>  <p>- 2 x 700 Delrin Dampers. - 2 x O-rings ID=12,37, S=2,62.</p>	

<p>Tail Blades S110 Yellow [S110-Y]</p>  <p>- 1 x Tail Blades 110mm Yellow</p>	<p>Main Blades S702 Yellow [S702-Y]</p>  <p>- 1 x Main Blades 702mm Yellow.</p>		<p>Wrench Nut M8 [HA016-S]</p>  <p>- 1 x Wrench Nut M8.</p>		
<p>Canopy Grommet [HA021-S]</p>  <p>- 5 x Canopy Grommets.</p>	<p>O-ring ID=12,37, S=2,62 [HA024-S]</p>  <p>- 4 x O-rings ID=12,37, S=2,62.</p>	<p>Double-sided Tape 1 mm [HA035-S]</p>  <p>- 2 x Double-sided Tapes 1 mm</p>	<p>Strap 20x250mm [HA041-S]</p>  <p>- 2 x Straps 20x250mm.</p>	<p>Foam Blade Holder [HA043-S]</p>  <p>- 1 x Foam Blade Holder.</p>	<p>Zip Tie 2,5x200mm [HA058-S]</p>  <p>- 1 x Zip Tie 2,5x200mm.</p>
<p>[HC004-S]</p>  <p>- 10 x Socket Head Cap Screws M2x6mm.</p>	<p>[HC008-S]</p>  <p>- 10 x Socket Head Cap Screws M2x8mm.</p>	<p>[HC018-S]</p>  <p>- 10 x Socket Head Cap Screws M2,5x6mm.</p>	<p>[HC020-S]</p>  <p>- 10 x Socket Head Cap Screws M2,5x8mm.</p>	<p>[HC022-S]</p>  <p>- 10 x Socket Head Cap Screws M2,5x10mm.</p>	<p>[HC026-S]</p>  <p>- 10 x Socket Head Cap Screws M2,5x12mm.</p>
<p>[HC028-S]</p>  <p>- 10 x Socket Head Cap Screws M2,5x15mm.</p>	<p>[HC032-S]</p>  <p>- 10 x Socket Head Cap Screws M2,5x18mm.</p>	<p>[HC044-S]</p>  <p>- 10 x Socket Head Cap Screws M3x6mm.</p>	<p>[HC050-S]</p>  <p>- 10 x Socket Head Cap Screws M3x8mm.</p>	<p>[HC056-S]</p>  <p>- 10 x Socket Head Cap Screws M3x10mm.</p>	<p>[HC062-S]</p>  <p>- 10 x Socket Head Cap Screws M3x12mm.</p>

<p>[HC079-S]</p>  <p>- 2 x Socket Head Shoulder Screws M3x18mm. - 2 x Nylon Nuts M3.</p>	<p>[HC080-S]</p>  <p>- 10 x Socket Head Cap Screws M3x20mm.</p>	<p>[HC096-S]</p>  <p>- 10 x Button Head Cap Screws M4x6mm.</p>	<p>[HC098-S]</p>  <p>- 10 x Button Head Cap Screws M4x8mm.</p>	<p>[HC102-S]</p>  <p>- 10 x Socket Head Cap Screws M4x10mm.</p>	<p>[HC103-S]</p>  <p>- 10 x Socket Head Cap Screws M4x15mm.</p>
<p>[HC105-S]</p>  <p>- 10 x Socket Head Cap Screws M4x12mm.</p>	<p>[HC111-S]</p>  <p>- 10 x Socket Head Shoulder Screws M4x24mm.</p>	<p>[HC124-S]</p>  <p>- 10 x Socket Head Cap Screws M6x10mm.</p>	<p>[HC132-S]</p>  <p>- 10 x Flat Head Cap Screws M3x5mm.</p>	<p>[HC134-S]</p>  <p>- 10 x Flat Head Cap Screws M3x8mm.</p>	<p>[HC140-S]</p>  <p>- 10 x Thread Rods M2,5x20.</p>
<p>[HC150-S]</p>  <p>- 10 x Set Screws M3x20.</p>	<p>[HC153-S]</p>  <p>- 10 x Set Screws M4x6.</p>	<p>[HC181-S]</p>  <p>- 10 x Washers ϕ 3x ϕ 7x1.</p>	<p>[HC194-S]</p>  <p>- 10 x Washers ϕ 6,1x ϕ 14x1,8</p>	<p>[HC206-S]</p>  <p>- 10 x Nylon Nuts M3.</p>	<p>[HC212-S]</p>  <p>- 10 x Nylon Nuts M4.</p>
<p>[HC218-S]</p>  <p>- 10 x Nylon Nuts M5.</p>	<p>[HC230-S]</p>  <p>- 10 x Washers ϕ 10x ϕ 16x1.</p>	<p>[HC232-S]</p>  <p>- 10 x Washers ϕ 10x ϕ 16x0,2.</p>	<p>[HC243-S]</p>  <p>- 1 x Thread Rod M2x64mm. - 2 x Plastic Ball Links M2.</p>	<p>[HC304-S]</p>  <p>- 1 x Belt HTD 3M 2061-6.</p>	<p>[HC335-S]</p>  <p>- 4 x O-rings Shore 70.</p>

<p>[HC400-S]</p>  <p>- 4 x Flanged Bearings $\varnothing 2,5 \times \varnothing 6 \times 2,6 \text{mm}$.</p>	<p>[HC402-S]</p>  <p>- 4 x Flanged Bearings $\varnothing 3 \times \varnothing 7 \times 3 \text{mm}$.</p>	<p>[HC406-S]</p>  <p>- 4 x Ball Bearings $\varnothing 5 \times \varnothing 9 \times 3 \text{mm}$.</p>	<p>[HC411-S]</p>  <p>- 4 x Ball Bearings $\varnothing 5 \times \varnothing 10 \times 4 \text{mm}$.</p>	<p>[HC414-S]</p>  <p>- 2 x Flanged Bearings $\varnothing 6 \times \varnothing 13 \times 5 \text{mm}$.</p>	<p>[HC419-S]</p>  <p>- 2 x Ball Bearings $\varnothing 8 \times \varnothing 16 \times 5 \text{mm}$.</p>
<p>[HC422-S]</p>  <p>- 2 x Ball Bearings $\varnothing 10 \times \varnothing 19 \times 5 \text{mm}$.</p>	<p>[HC424-S]</p>  <p>- 2 x Ball Bearings $\varnothing 12 \times \varnothing 21 \times 5 \text{mm}$.</p>	<p>[HC426-S]</p>  <p>- 2 x Ball Bearings $\varnothing 12 \times \varnothing 24 \times 6 \text{mm}$.</p>	<p>[HC435-S]</p>  <p>- 2 x Thrust Bearings $\varnothing 5 \times \varnothing 10 \times 4 \text{mm}$.</p>	<p>[HC438-S]</p>  <p>- 2 x Thrust Bearings $\varnothing 10 \times \varnothing 18 \times 5,5 \text{mm}$.</p>	<p>[HC473-S]</p>  <p>- 1 x SAB Fuel Tube $\varnothing 2,4 \times \varnothing 5,5 \times 750 \text{mm}$.</p>
<p>[HC545-S]</p>  <p>- 10 x Socket Head Shoulder Cap Screws M4x21.5mm.</p>	<p>[HC573-S]</p>  <p>- 4 x Rubber Pins M3 65 Shore.</p>	<p>[HC602-G-S]</p>  <p>- 1 x Clutch OWB $\varnothing 12 \times \varnothing 20 \times 11 \text{mm}$.</p>	<p>[HC608-S]</p>  <p>- 10 x Socket Head Cap Screws M3x25mm.</p>	<p>[HC617-S]</p>  <p>- 1 x Belt HTD 3M 309-13mm.</p>	<p>[HC645-S]</p>  <p>- 2 x Socket Head Cap Shoulder Special Screws M5x30mm. - 2 x Nylon Nuts M5.</p>
<p>[HC697-S]</p>  <p>- 10 x Self Tapping Head Cap Screws M2,5x6mm.</p>	<p>[HC714-S]</p>  <p>- 10 x Washers $\varnothing 3,1 \times \varnothing 5,75 \times 0,5 \text{mm}$.</p>	<p>[HC764-S]</p>  <p>- 10 x Self Tapping Head Cap Screws M3x8mm.</p>	<p>[HC777-S]</p>  <p>- 2 x Flanged Bearings $\varnothing 6 \times \varnothing 17 \times 6 \text{mm}$.</p>	<p>[HC779-S]</p>  <p>- 1 x Carbon Rod $\varnothing 2,5 \times \varnothing 4 \times 738 \text{mm SET}$.</p>	



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Release 1.0 - June 2026

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