

MANUAL FOR THE FURY 57 Super N



FURY 57 Super N

Kit Introduction

Thank you for purchasing the X-Cell Fury 57 Super N by Miniature Aircraft. This model is the culmination of years of designing and manufacturing R/C helicopters. It is designed with the highest standards and will provide years of enjoyment. Whether this is your first R/C model helicopter or you are an advanced R/C helicopter modeler, the X-Cell Fury 57 Super N is a fantastic choice for a "600 size" model.

RC Helicopter Safety

A radio controlled model helicopter is not a toy, but rather a technically complex device that must be built and operated with care. It is also a fascinating and challenging part of the R/C sport, the mastery of which is very rewarding. A model helicopter must be built exactly in accordance with the building instructions. The kit manufacturer has spent much time and effort refining his product to make it reliable in operation and easy to build. The essentially bolt together construction can proceed quite rapidly, giving the builder a strong sense of accomplishment that encourages hasty progress from one construction phase to the next, so that the completed model can be more quickly seen and enjoyed. It is essential to recognize and guard against this tendency.

Follow building instructions exactly.

Vibration and stress levels are high and all fasteners and attachments must be secure for safe operation. Note that this is the first use of the word SAFETY in these comments. Previously the kit manufacturer's efforts to ensure reliable operation were mentioned. That is ALL that he can do.

Safe operation is the responsibility of the builder/flyer and starts with careful construction and continues with selection and installation of reliable radio equipment and engine.

The need for safety is nowhere greater than at the flying field. A number of guidelines for safe flight have been developed by experienced flyers and are set down here. It is urged that they be read, understood and followed.

Warning! – Risk of Death or Serious Injury

Remote Control ("R/C") Helicopters can be dangerous. Inexperienced pilots of R/C Helicopters should be trained and supervised by experienced operators. All operators should use safety glasses and other appropriate safety equipment, and exercise necessary precautions when fueling, repairing, maintaining, flying and storing R/C Helicopters, and when using or storing R/C Helicopter accessories, equipment, fuels, and related materials. R/C Helicopters should be used only in open areas free of obstacles, and far enough from people to minimize the possibility of injury from the helicopter or any of its components falling or flying in unexpected directions.

This helicopter is not a toy, but a complex flying machine that must be assembled with care by a responsible individual. Failure to exert care in assembly, or radio or accessory installation, may result in a model incapable of safe flight or ground operation. Rotating components are an ever present danger and source of injury to operators and spectators. Since the manufacturer and his agents have no control over the proper assembly and operation of his products, no responsibility or liability can be assumed for their use.

General Guidelines for Safe RC Helicopter Flight

- Fly only at approved flying fields and obey field regulations.
- Follow frequency control procedures. Interference can be dangerous to all.
- Know your radio. Check all transmitter functions before each flight.
- Be aware that rotating blades are very dangerous and can cause serious injury.
- Never fly near or above spectators or other modelers.
- If you're a beginner, get help trimming the model first and flight training later.
- Don't "track" the main blades by holding the tail boom. This is a temptation to builders who cannot hover yet and is very dangerous.
- Follow all recommended maintenance procedures for model, radio and engine.

Academy of Model Aeronautics

Miniature Aircraft highly recommends joining the Academy of Model Aeronautics (AMA).

- AMA is the Academy of Model Aeronautics.
- AMA is the world's largest model aviation association, representing a membership of more than 150,000 from every walk of life, income level and age group.
- AMA is a self-supporting, non-profit organization whose purpose is to promote development of model aviation as a recognized sport and worthwhile recreation activity.
- AMA is an organization open to anyone interested in model aviation.
- AMA is the official national body for model aviation in the United States. AMA sanctions more than a thousand model competitions throughout the country each year, and certifies official model flying records on a national and international level.
- AMA is the organizer of the annual National Aeromodeling Championships, the world's largest model airplane competition.
- AMA is the chartering organization for more than 2,500 model airplane clubs across the country. AMA offers its chartered clubs official contest sanction, insurance, and assistance in getting and keeping flying sites.
- AMA is the voice of its membership, providing liaison with the Federal Aviation Administration, the Federal Communications Commission, and other government agencies through our national headquarters in Muncie, Indiana. AMA also works with local governments, zoning boards, and parks departments to promote the interests of local chartered clubs.
- AMA is an associate member of the National Aeronautic Association. Through NAA, AMA is recognized by the Fédération Aéronautique Internationale (FAI), the world governing body of all aviation activity, as the only organization which may direct U.S. participation in international aeromodeling activities.

For more detailed information, contact the Academy of Model Aeronautics
5161 E. Memorial Drive, Muncie, Indiana, 47302
or telephone (800) 435-9262.

You may also visit the AMA website at www.modelaircraft.org

INFORMATION

Kit Assembly

Your Fury57Super N kit will require a number of different supplies and tools to ensure the best final result. They are as follows:

Required Lubricants and Compounds:

- Medium Strength Thread Locking Compound – Loctite 243
- Synthetic Oil (MA3200-12)
- Synthetic Grease (MA3200-11)

Required Tools:

- m4 Nut Driver
- m5 Nut Driver
- m5.5 Nut Driver
- m7 Nut Driver
- 1.5mm Allen Driver
- 2.0mm Allen Driver
- 2.5mm Allen Driver
- 3.0mm Allen Driver
- Needle Nose Pliers
- Phillips Screwdriver #1
- Flat Screwdriver 2.5mm
- Razor Knife (X-acto)
- Snap Ring Pliers

Optional Tools:

- Swashplate Leveling Tool (MA3000-10)
- Pitch Gauge
- Crankshaft Locking Tool (MA3000-34)

Other Required Components:

The X-Cell Fury 57 Super N is an airframe kit. To complete the model, several other items are required but are not included with the kit. There are many choices for these other required components, and any competent hobby retailer with RC helicopter experience will be happy to make suggestions. You will need:

- Engine, O.S. 55HZ-R
- Helicopter style muffler suited to the engine you choose.
- Cyclic servos (Miniature Aircraft recommends high quality cyclic servos).
- Tail servo (Miniature Aircraft recommends high quality tail servo)
- Throttle servo (Miniature Aircraft recommends a high quality ball bearing servo)
- Main rotor blades of 600-620mm in length.
- R/C helicopter transmitter with at least 7 channels.
- R/C helicopter FBL Gyro
- R/C helicopter starting and fueling equipment.
- R/C helicopter engine governor with magnetic sensor (recommended).
- Tail Blades 95 to 97mm in length

INFORMATION

Important Assembly Tips

PLEASE READ

- Follow the instructions. The methods of construction documented in this manual have been proven to work.
- Do not rush the build of your model! You have purchased a world class model helicopter kit, take your time and realize that the final result is now up to you. Take the time to fully understand each step, if you are unsure please contact Miniature Aircraft.
- Follow the order of assembly. The instructions have been organized into major sections and have been written in such a way that each step builds upon the work done in the previous step. Changing the order of assembly may result in unnecessary steps.
- Clean all metal parts: All of the steel parts in this kit are coated with a lubricant to prevent them from rusting. This coating can interfere with the adhesives and thread locks needed for assembly. Use a solvent such as alcohol to clean the various metal parts, especially threads.
- Use thread lock as indicated. Generally, any bolt or screw that threads into a metal part requires thread lock. Model helicopters are subject to vibration and failing to use thread lock on any non-locking assembly may result in a part becoming loose or falling off.

0061



M3 x 8mm

0088-2



M3 x 6mm

128-58

128-410

136-464

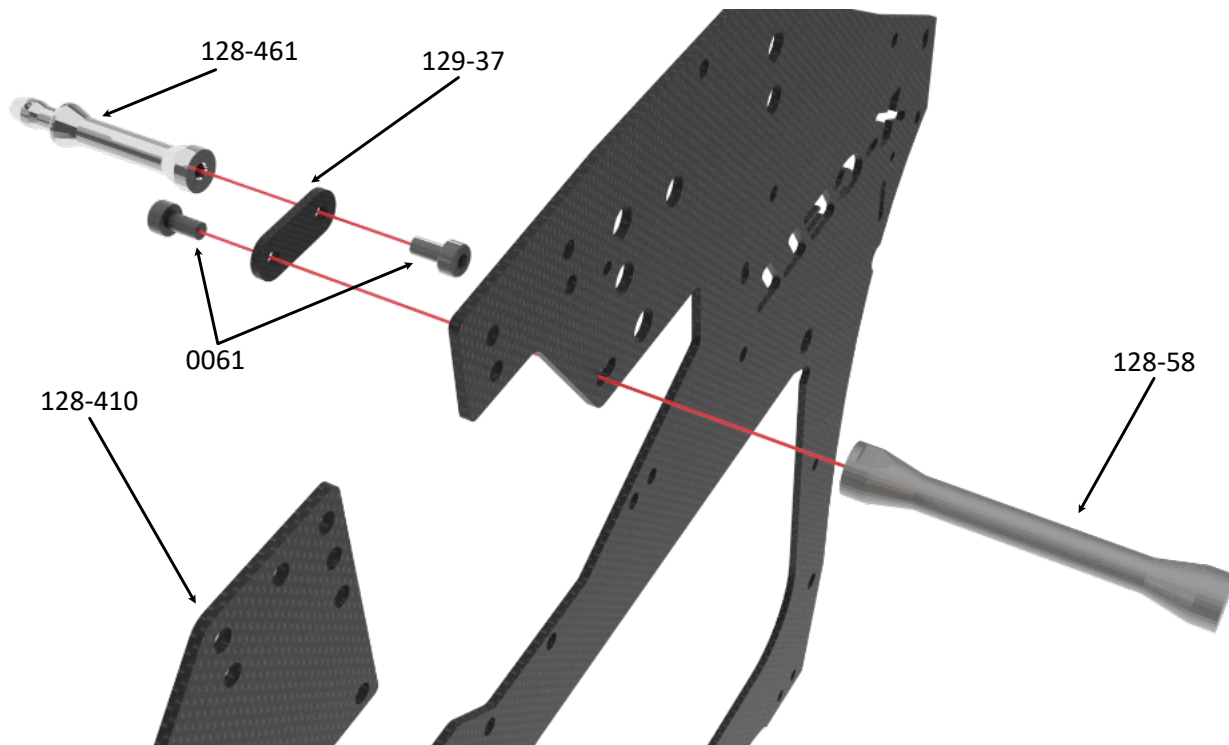
128-464-1

128-437

0061

0088-2

Assembly Tip: Align the opening of part 128-464 to the front of the helicopter.



0061



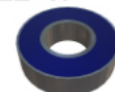
M3 x 8mm

Assembly Tip: Take care about the orientation of the canopy mount 128-461 that the small bore for the splint is correctly positioned that you can insert the splint the way you like it.



Apply a small amount of medium thread lock when threading into metal parts.

122-47

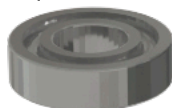


M10 x 22 x 6
Sealed Bearing

129-40

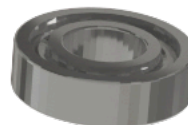


122-47



128-40

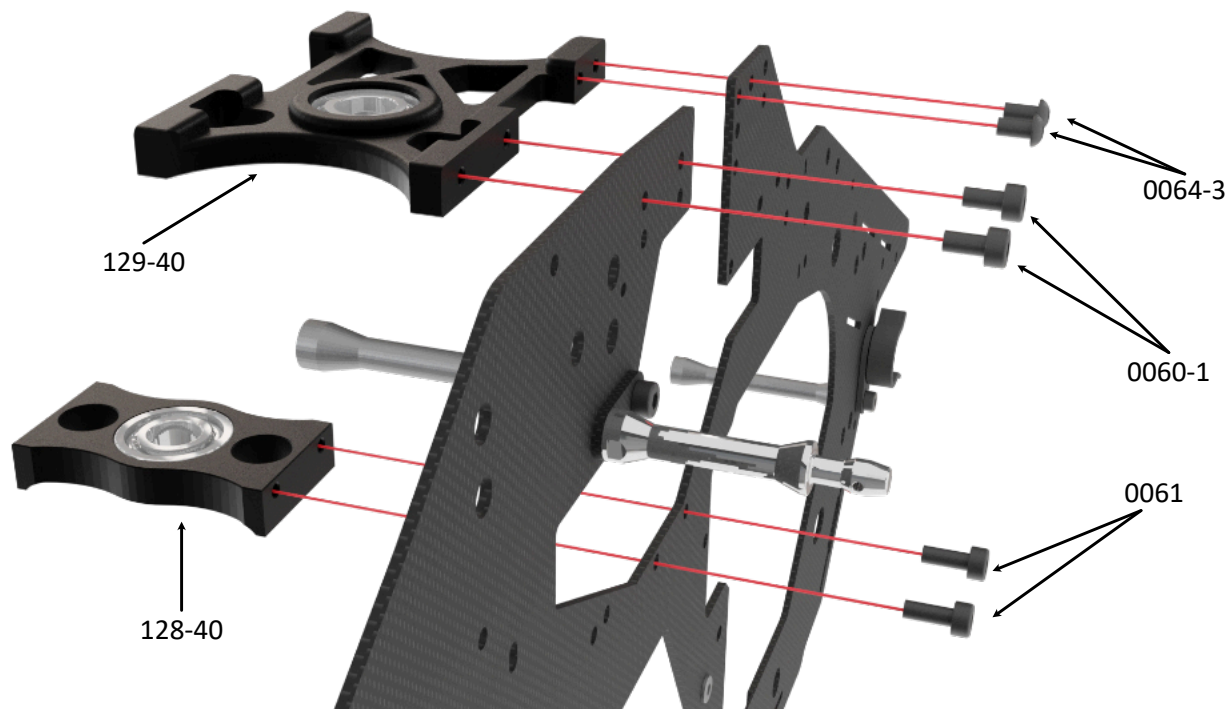
122-47



Factory Assembled



Apply a small amount
of medium thread lock
when threading into
metal parts.



Apply a small amount of medium thread lock when threading in to metal parts.

0061



M3 x 8mm

0064-3



M3 x 6mm

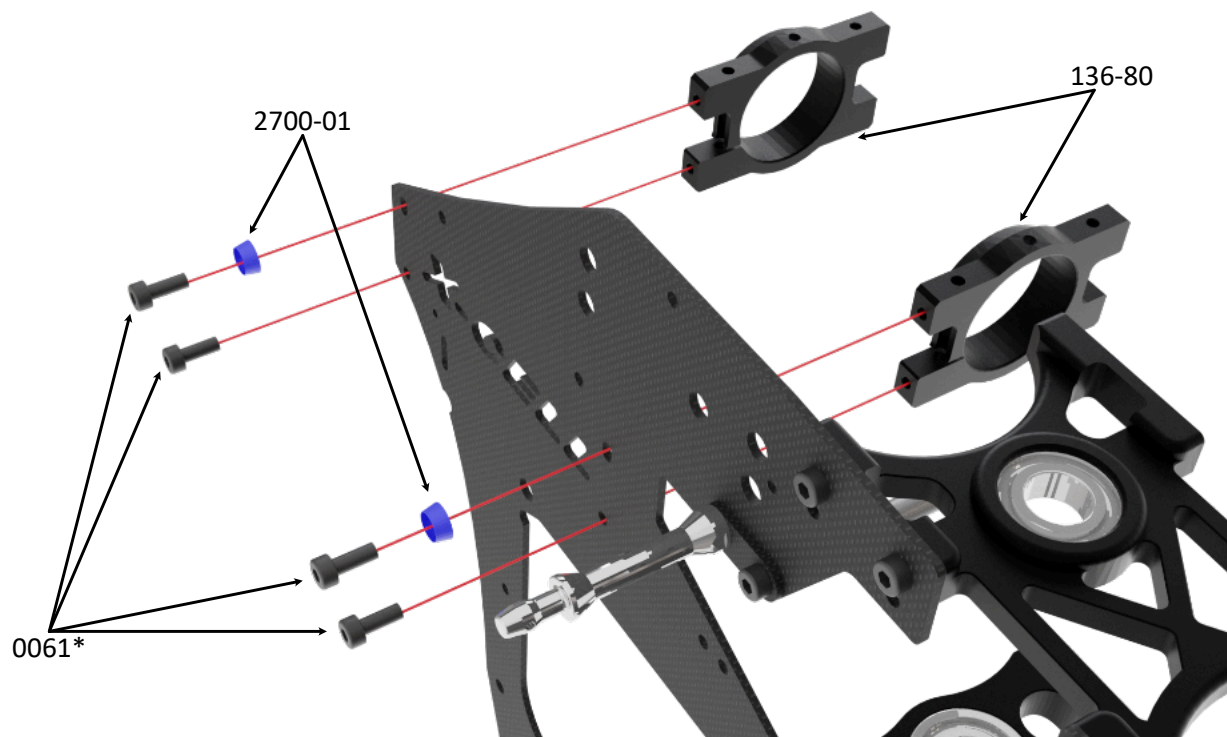
0060-1



M3 x 6mm



Apply a small amount of medium thread lock when threading into metal parts.



* NOTE: THE TWO UPPER BOLTS ARE NOT TIGHT AT THIS TIME

0061



M3 x 8mm

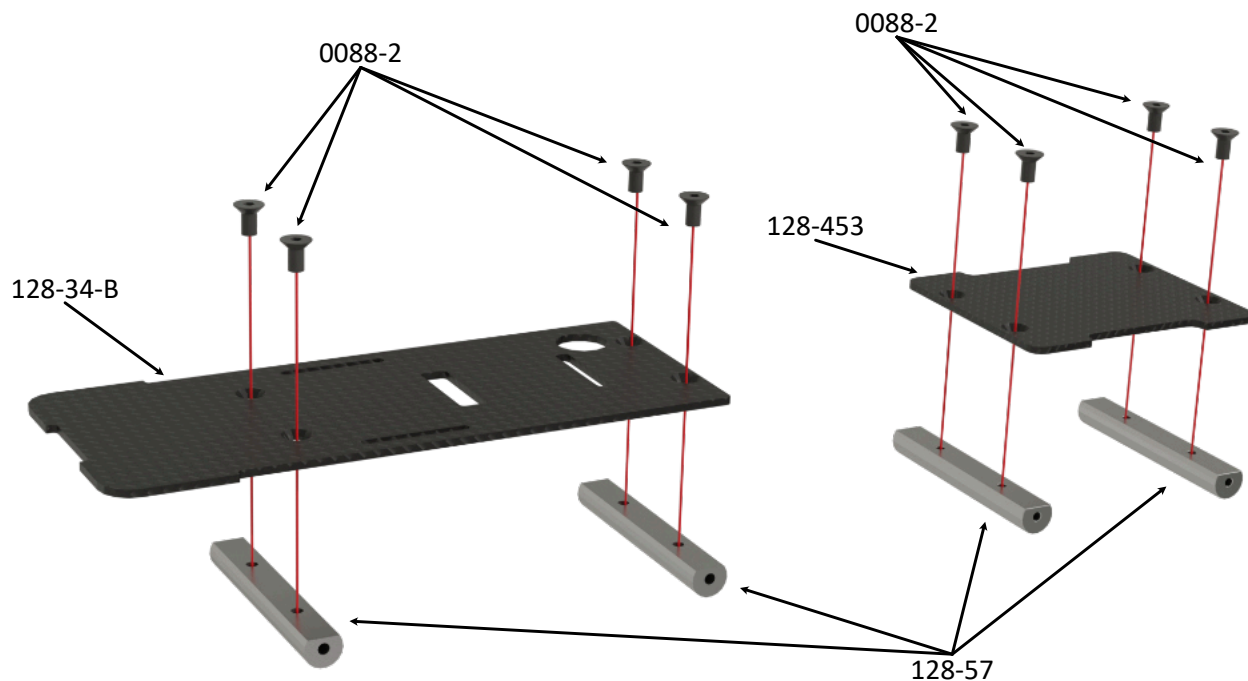
2700-01



M3 (blue)



Apply a small amount of medium thread lock when threading into metal parts.



0088-2

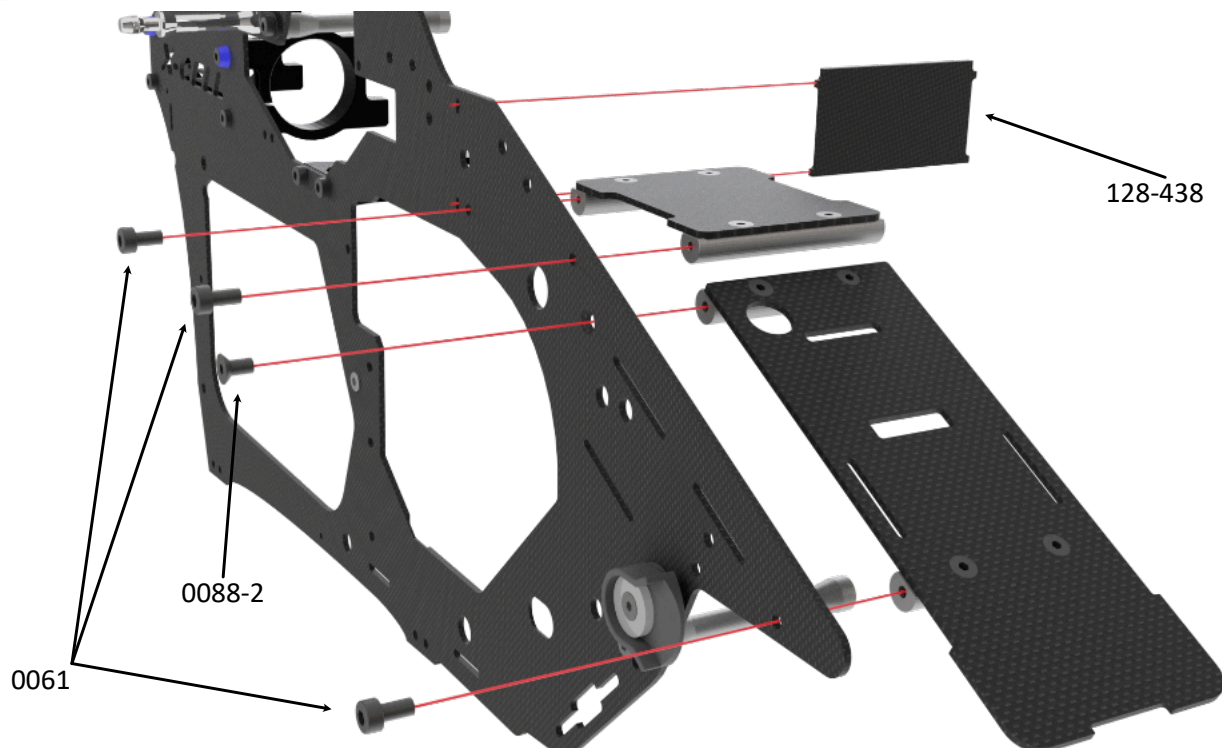


M3 x 6mm

Apply a small amount of medium thread lock when threading in to metal parts.



Apply a small amount of medium thread lock when threading into metal parts.



0061



M3 x 8mm

0088-2

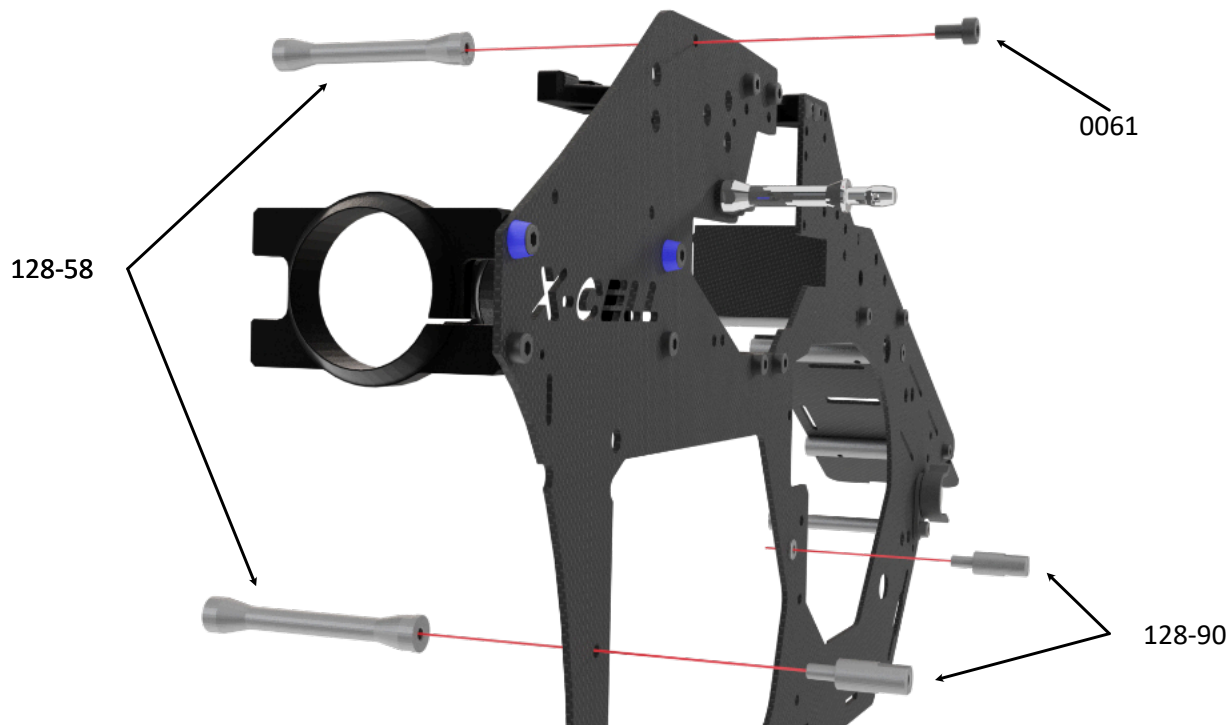


M3 x 6mm

Assembly Tip: The protective plate 128-438 can be installed later when left main frame will be assembled. Use some small amount of silicone to fix the plate at the bores of the main frames.



Apply a small amount of medium thread lock when threading into metal parts.



Apply a small amount of medium thread lock when threading in to metal parts.

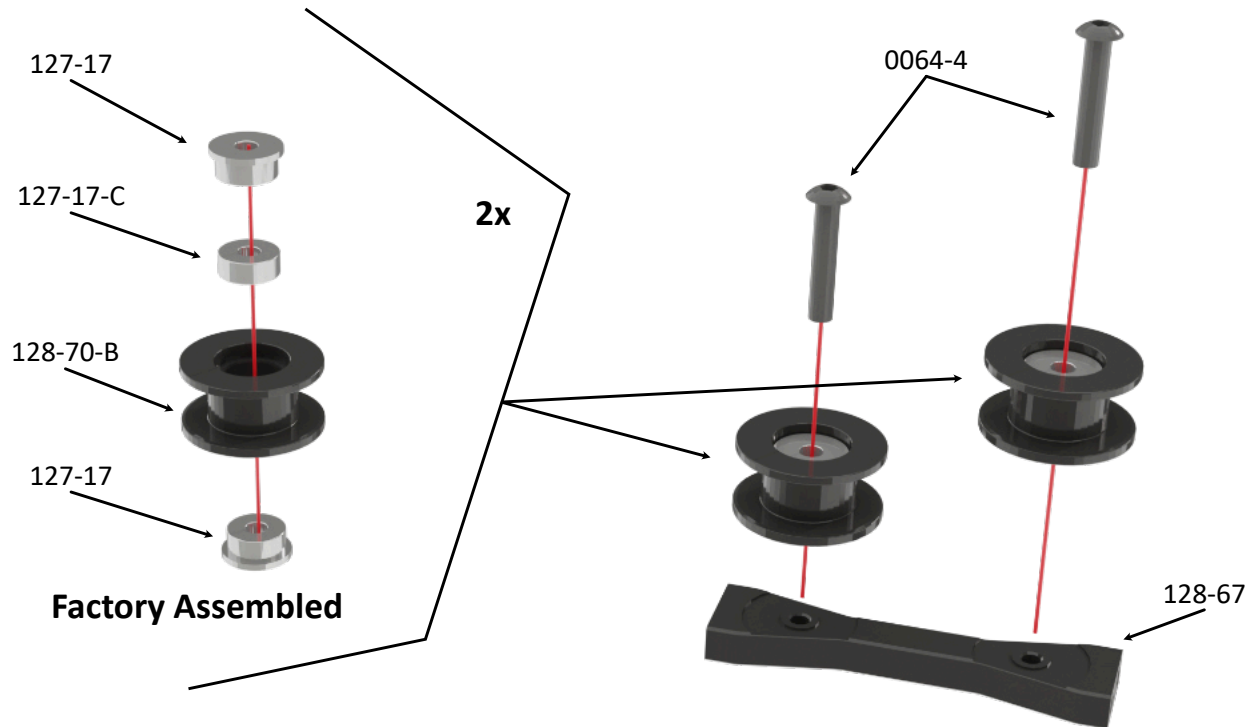
0061



M3 x 8mm



Apply a small amount of medium thread lock when threading into metal parts.



0064-4



M3 x 16mm

127-17



M3 x 8 x 4
Flanged Bearing

127-17-C

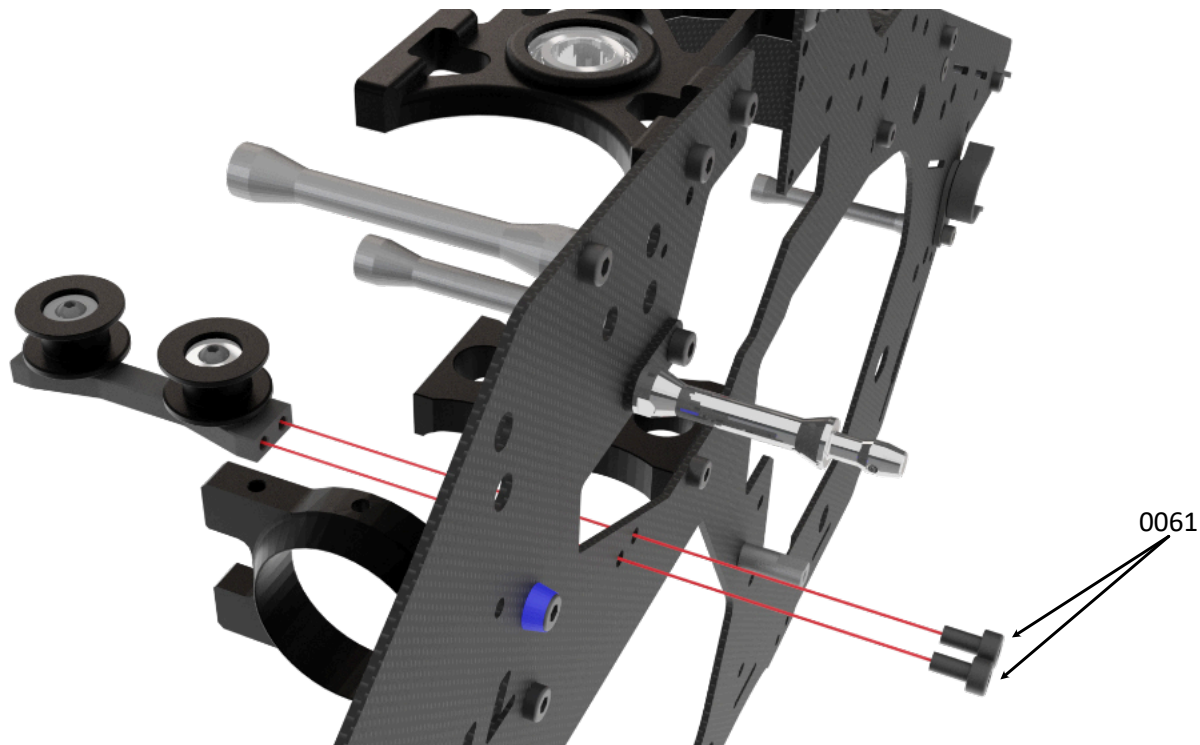


M3 x 8 x 53
Ball Bearing



Apply a small amount
of medium thread lock
when threading into
metal parts.

Apply a small amount of medium thread lock when threading to metall parts.



0061



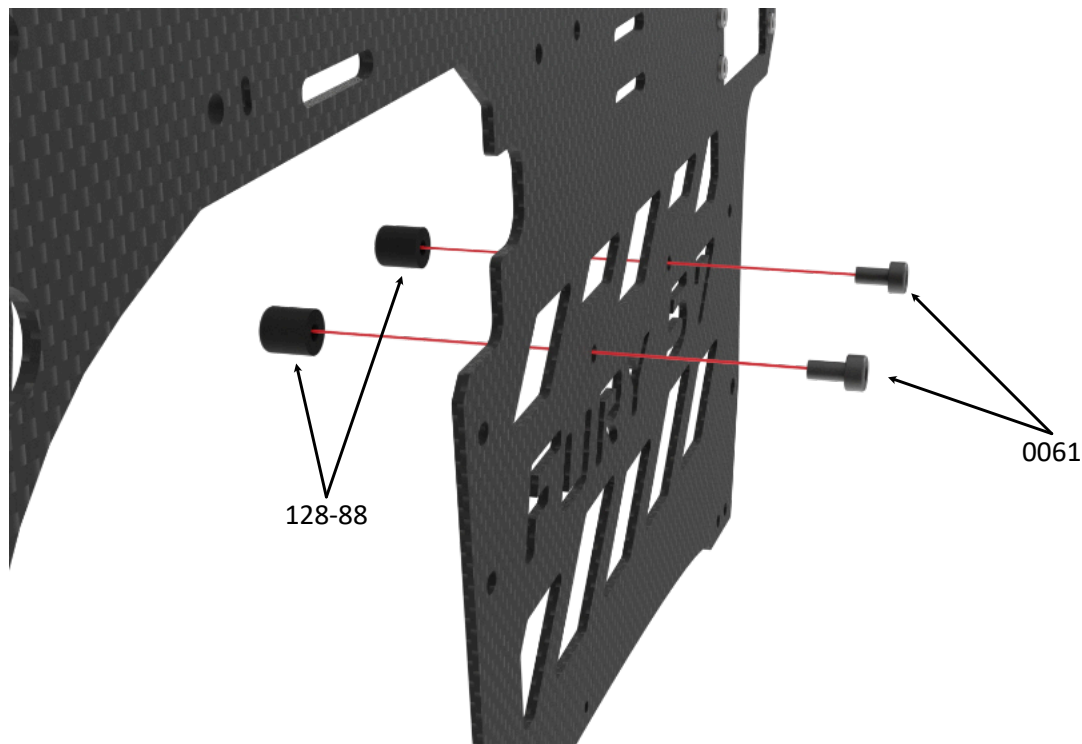
M3 x 8mm

0061

Assembly Tip: Align the the belt idler mount that the belt idlers are parallel to the main shaft.



Apply a small amount of medium thread lock when threading into metal parts.



0061

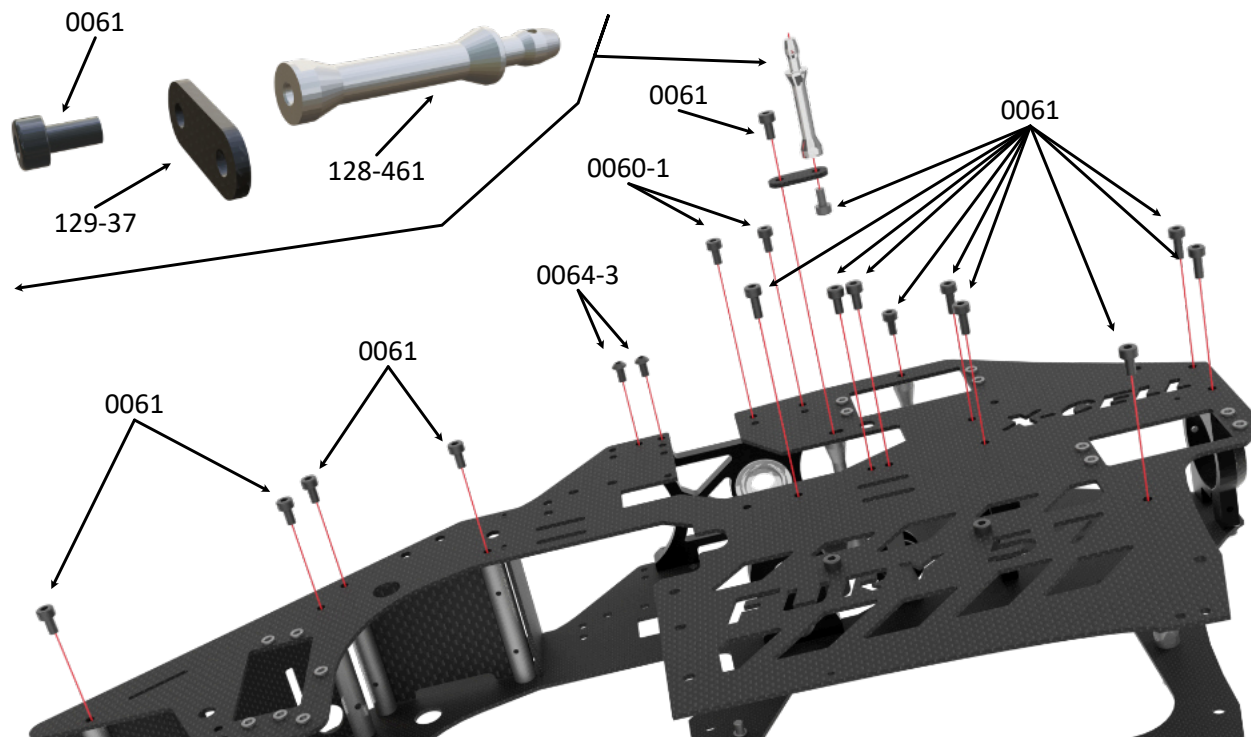


M3 x 8mm

0061



Apply a small amount of medium thread lock when threading into metal parts.



Assembly Tip: Take care about the orientation of the canopy mount 128-461 that the small bore for the splint is correctly positioned that you can insert the splint the way you like it.

0061



M3 x 8mm

0060-1



M3 x 6mm

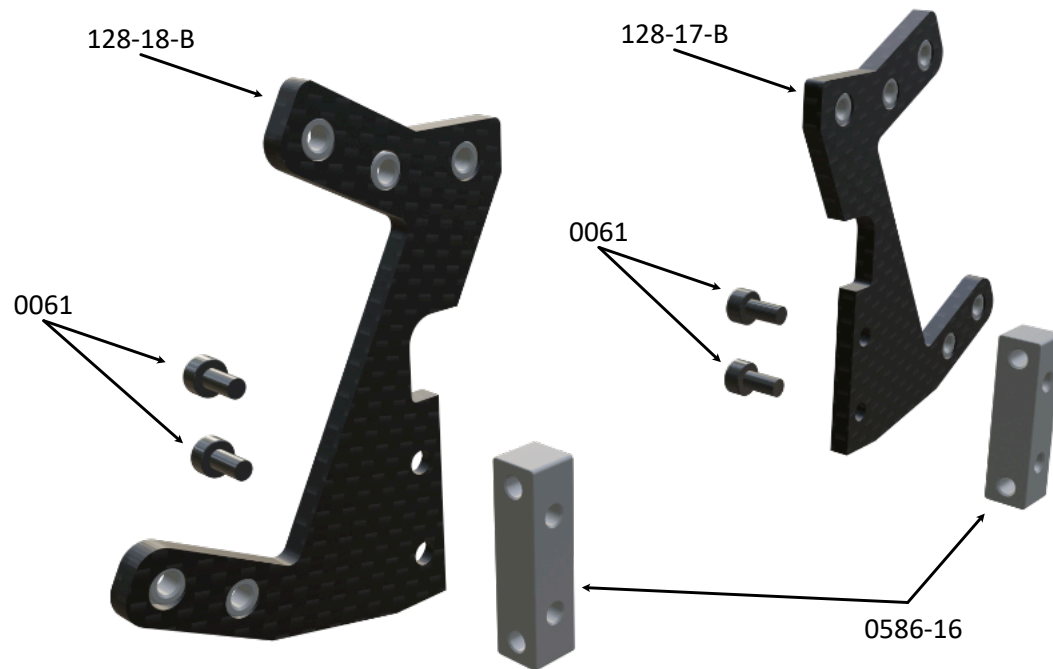
0064-3



M3 x 6mm



Apply a small amount of medium thread lock when threading into metal parts.



0061

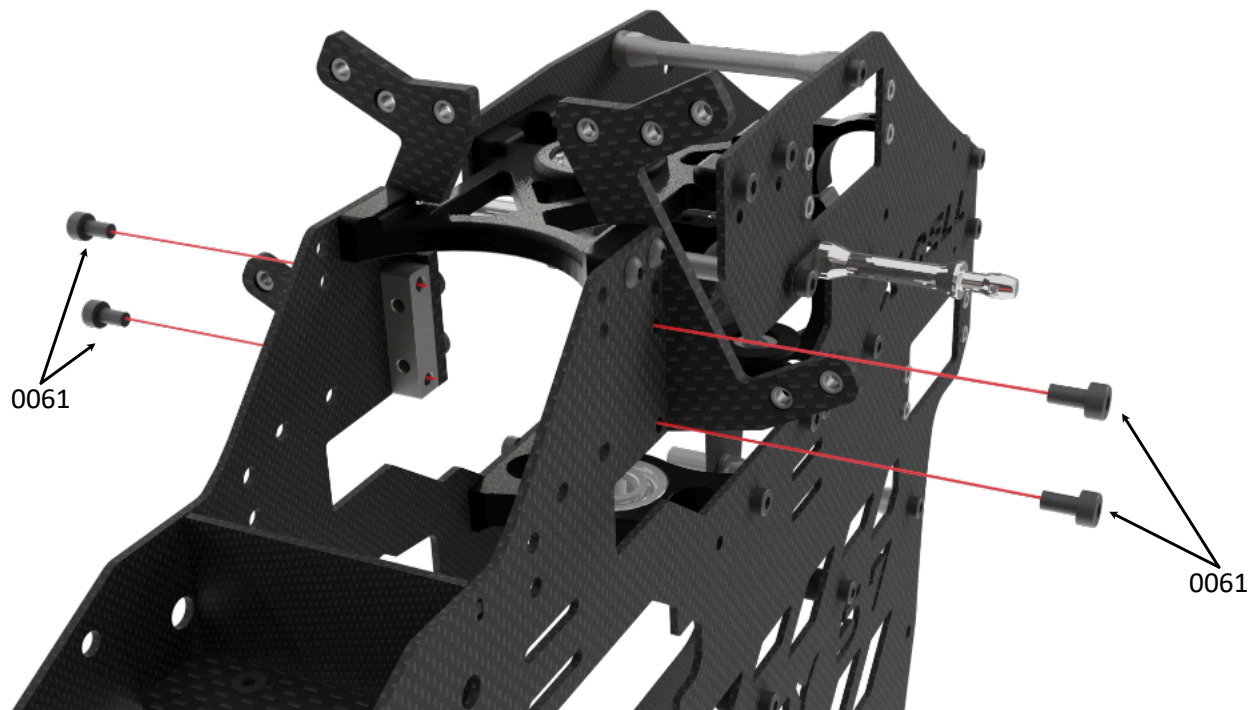


M3 x 8mm

Assembly Tip: Do not tighten bolts 0061 completely at this step. After installing part 128-316 check alignment of all parts and then tighten all bolts.



Apply a small amount of medium thread lock when threading into metal parts.



Assembly Tip: Apply a small amount of medium thread lock when threading in to metall parts.

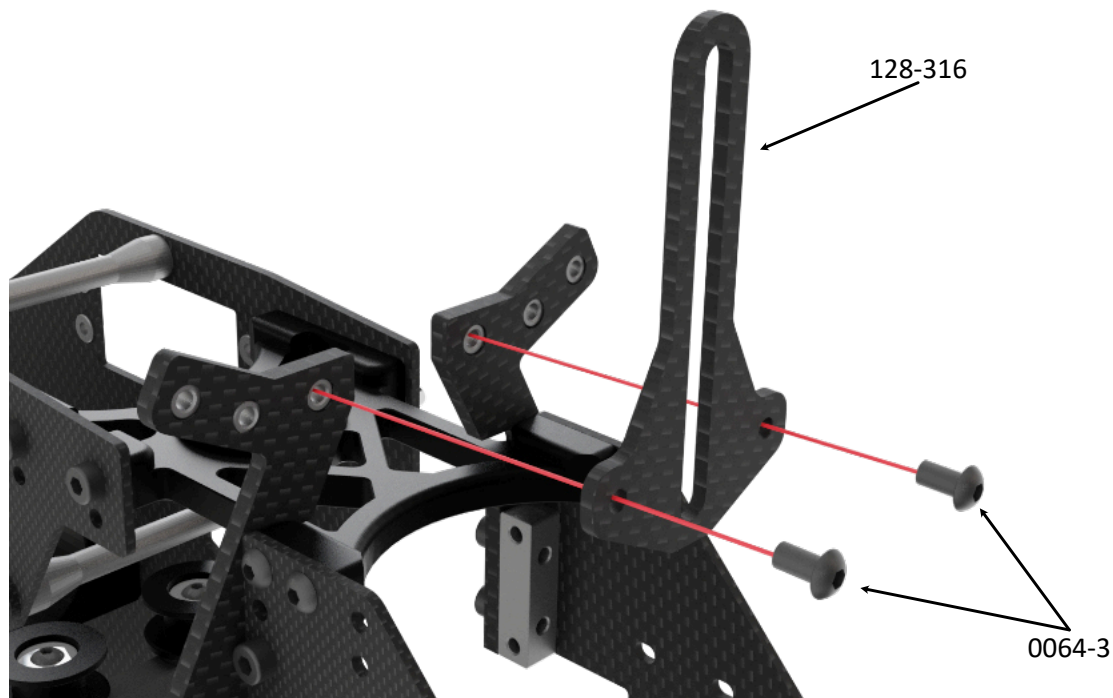
0061



M3 x 8mm



Apply a small amount of medium thread lock when threading into metal parts.



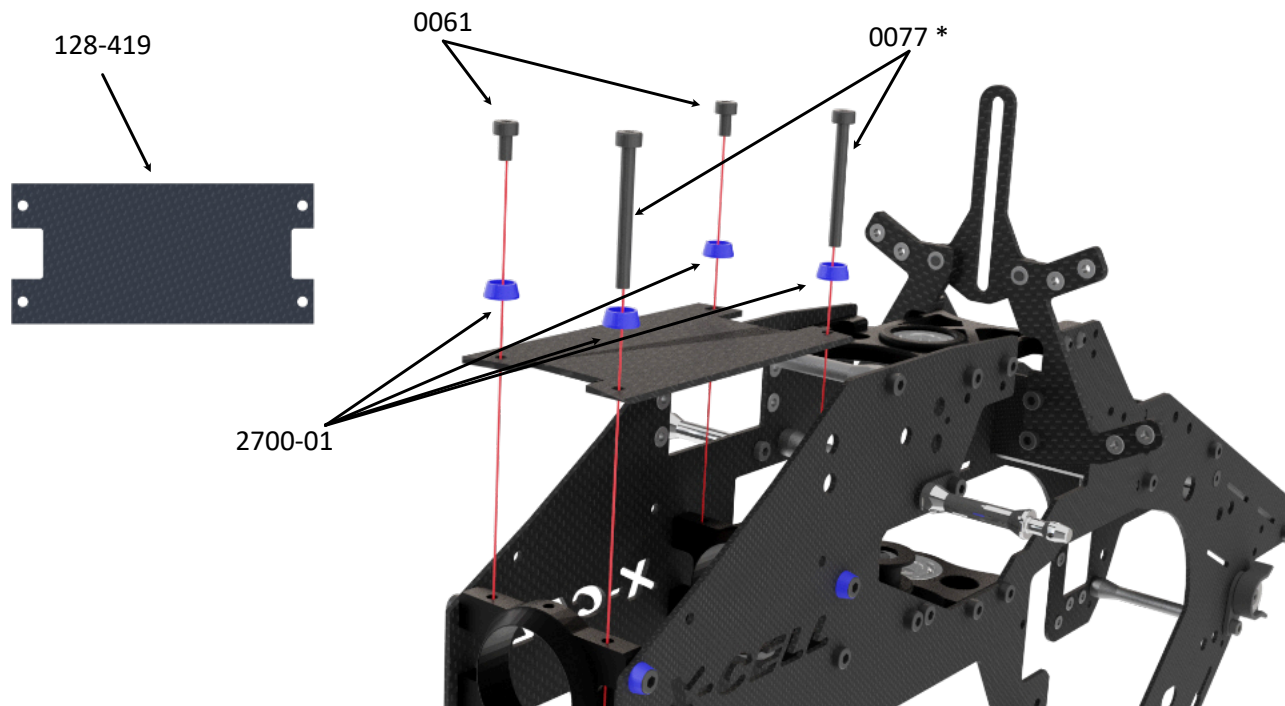
0064-3



M3 x 6mm



Apply a small amount of medium thread lock when threading into metal parts.



* NOTE: 0077 BOLTS ARE NOT TIGHT AT THIS TIME

0061



M3 x 8mm

0077



M3 x 30mm

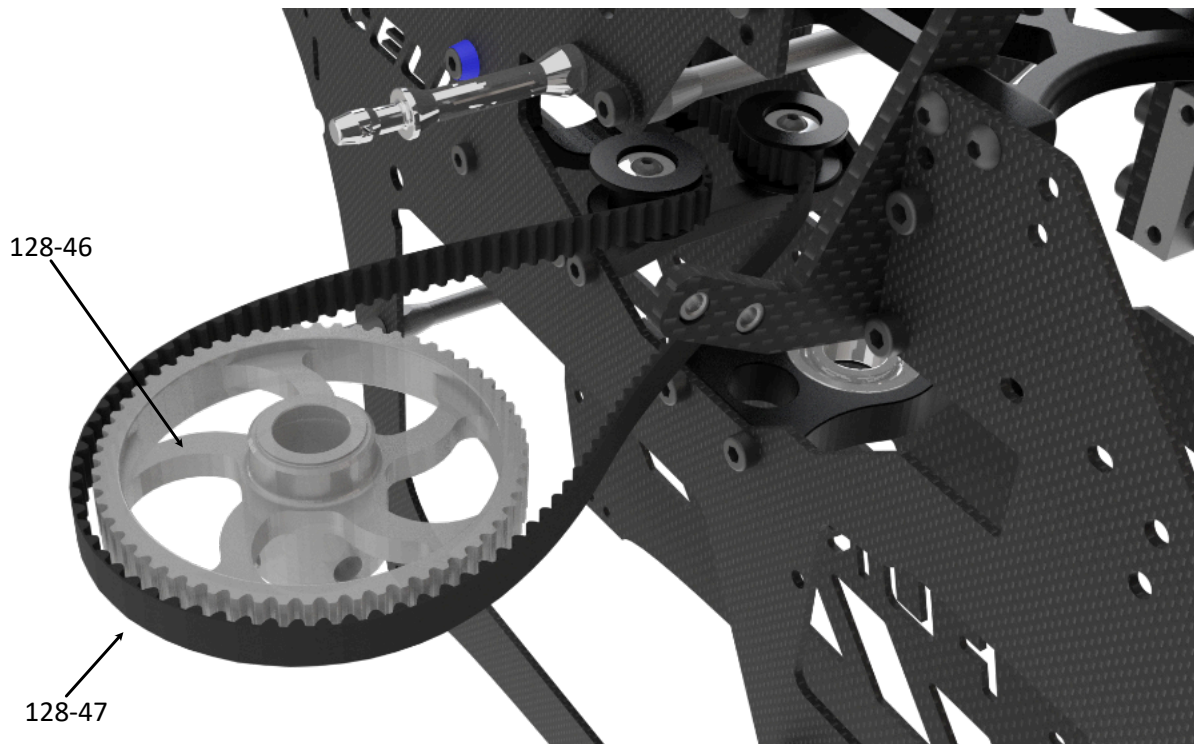
2700-01



M3 (blue)



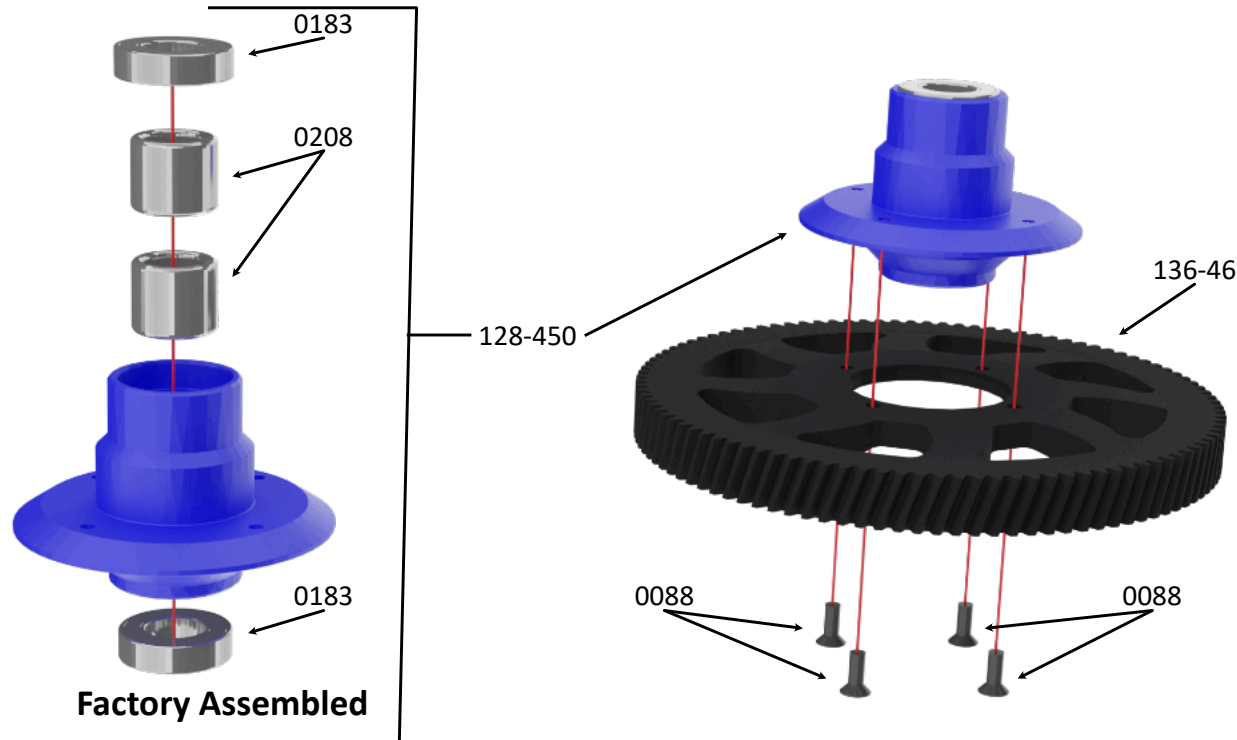
Apply a small amount of medium thread lock when threading into metal parts.



Assembly Tip: M5 threads of pulley face to the bottom of the helicopter.



Apply a small amount of medium thread lock when threading into metal parts.



Assembly Tip: Apply a small amount of medium thread lock when threading in to metall parts.

0088



M3 x 8mm

0183



M10 x 19 x 5
Ball Bearing

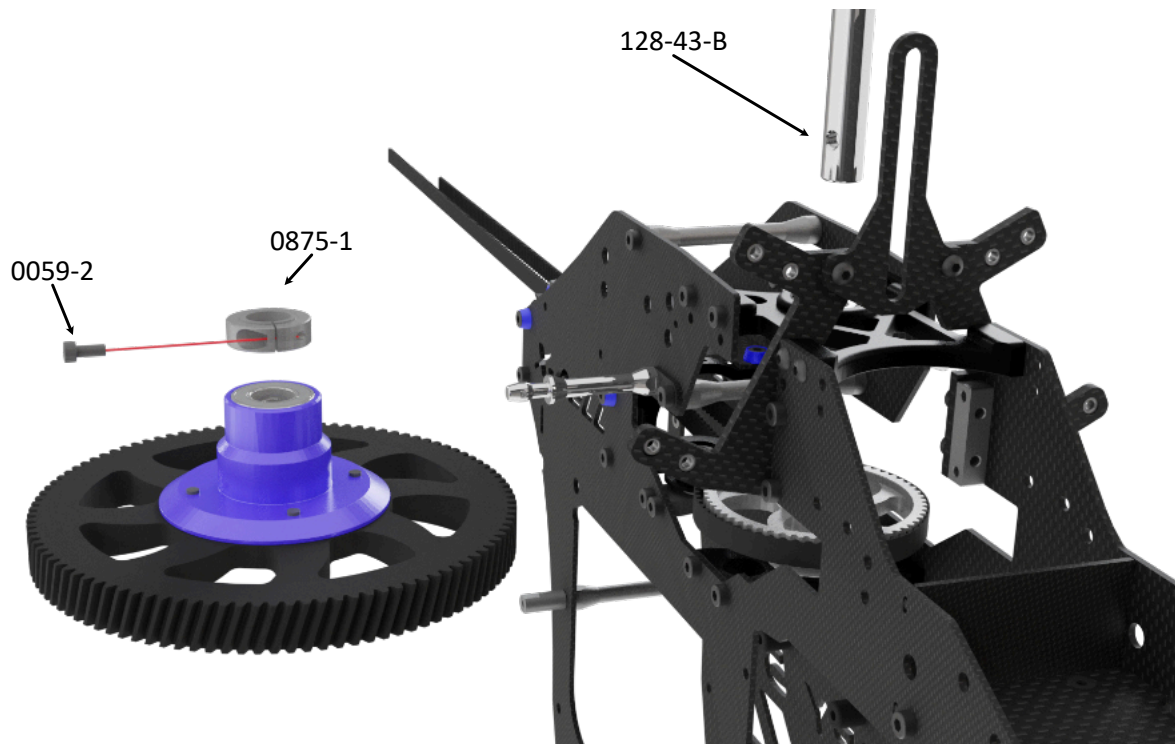
0208



M10 x 12 One Way
Torrington



Apply a small amount
of medium thread lock
when threading into
metal parts.



0059-2

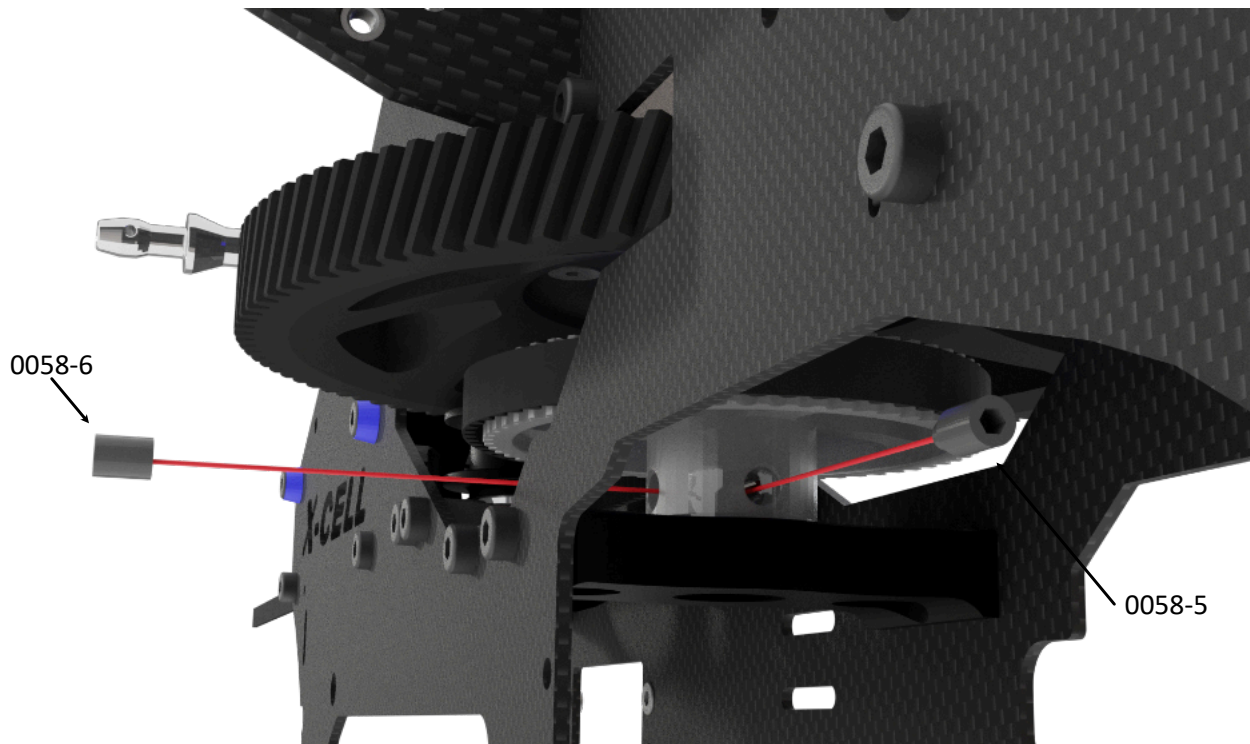


M2.5 x 8mm

Assembly Tip: put a small amount of synthetic grease into the one way bearings of part 128-450 before installing the main shaft. Take care about the orientation of the main shaft. The through hole faces to the top of the helicopter.



Apply a small amount of medium thread lock when threading into metal parts.



0058-5



M5 x 6mm

0058-6

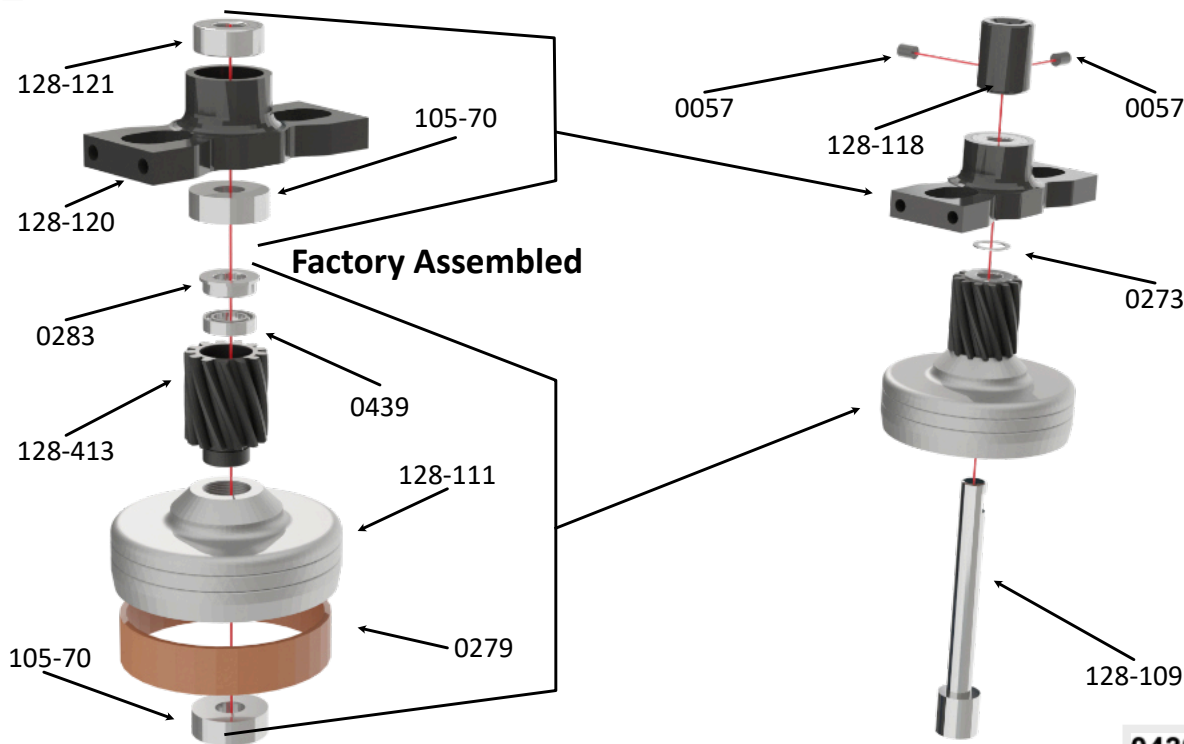


M5 x 5mm

Assembly Tip: Take care that the dog point socket set screw 0058-5 will settle at the dimple of the main shaft. Tighten this screw first.



Apply a small amount of medium thread lock when threading into metal parts.



Assembly Tip: Take care that one of the socket screws 0057 will settle at the flat spot of the 128-109 start shaft. Tighten this screw first.
Take care that there is no vertical play of the shaft / clutch bell.

0057



M4 x 4mm

0273



M6 x 10 x .28mm

105-70



M6 x 15 x 5
Ball Bearing

128-121



M6 x 13 x 5
Ball Bearing

0439

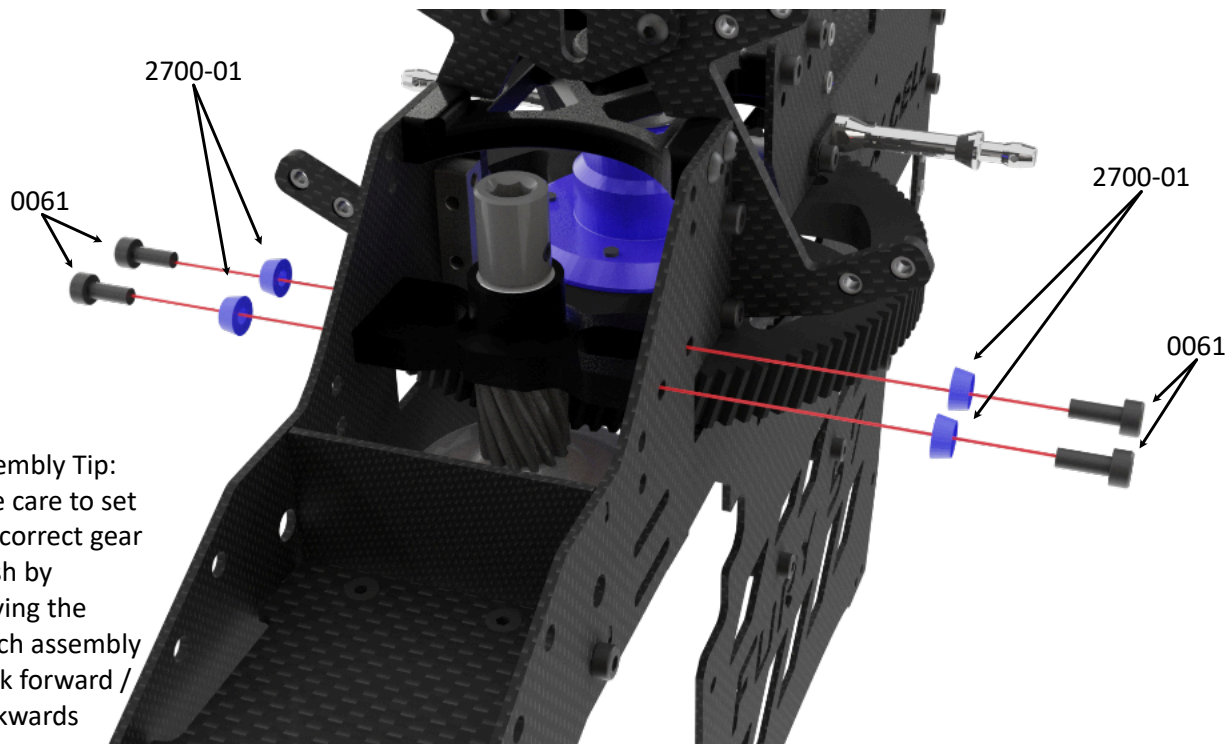


M6 x 10 x 2,5
Open Ball Bearing

0283



M6 x 10 x 3
Flanged Bearing



Assembly Tip:
Take care to set the correct gear mesh by moving the clutch assembly stack forward / backwards

The main gear may expand during flight so it is very important that the drive train has a correct set gear mesh. You can use a small piece of standard printer paper and put it between the two gears. Then press the pinion against the main gear and tighten the screws 0061. Take care that the start shaft is parallel to the main shaft. Remove the paper. Then you should find the gear mesh set correctly.

0061



M3 x 8mm

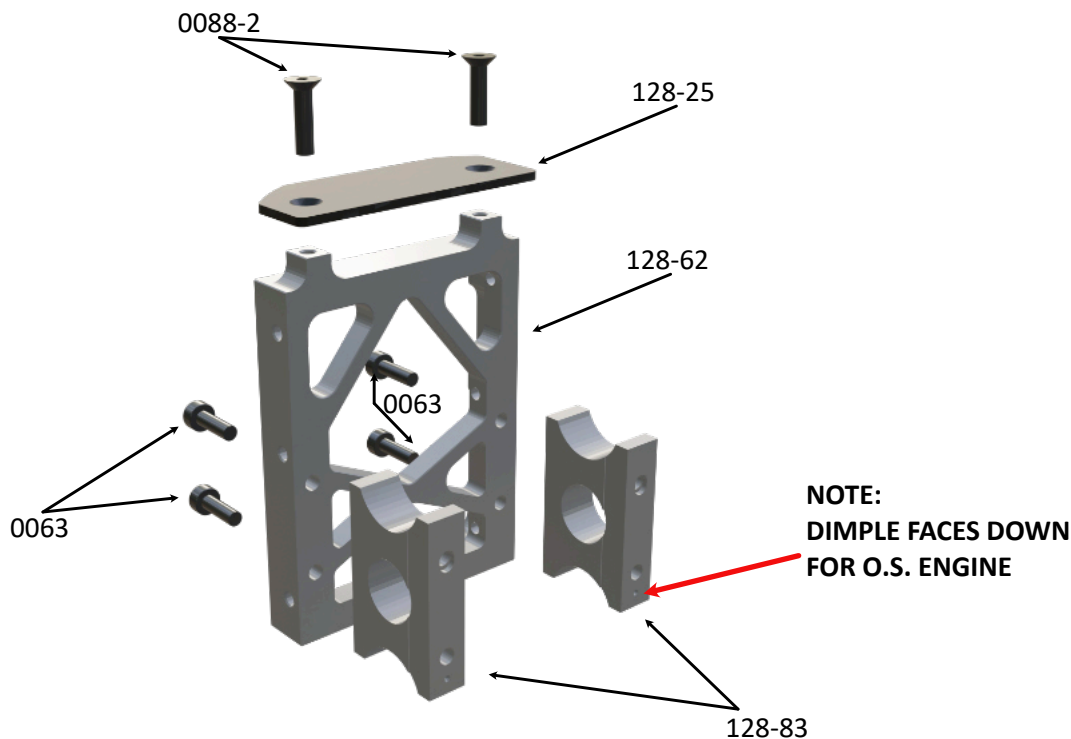
2700-01



M3 (blue)



Apply a small amount of medium thread lock when threading into metal parts.



Assembly Tip: take care of the orientation of the motor mount blocks 128-83. At one side they have a small dimple. The dimple shall be facing to the engine. For O.S. engines the dimples should be facing 'down'.

0088-2



M3 x 6mm

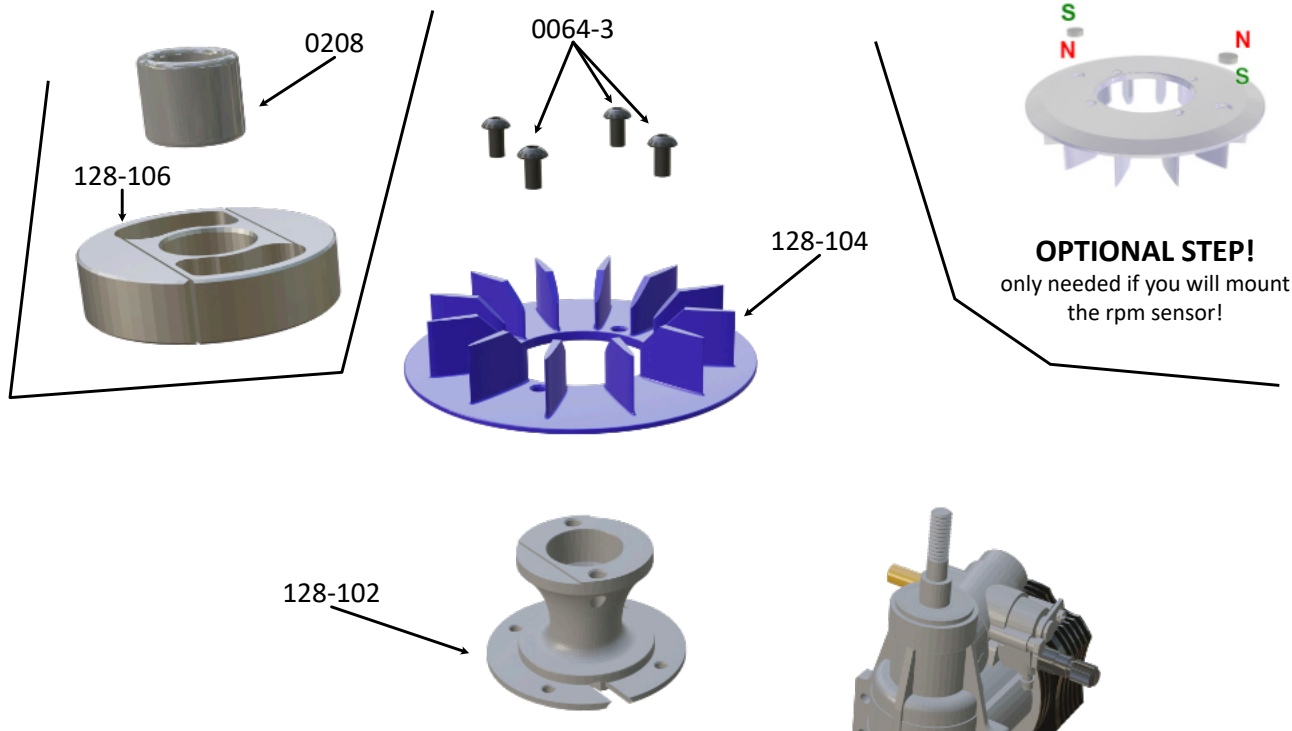
0063



M3 x 10mm



Apply a small amount of medium thread lock when threading into metal parts.



0064-3



M3 x 6mm

0208

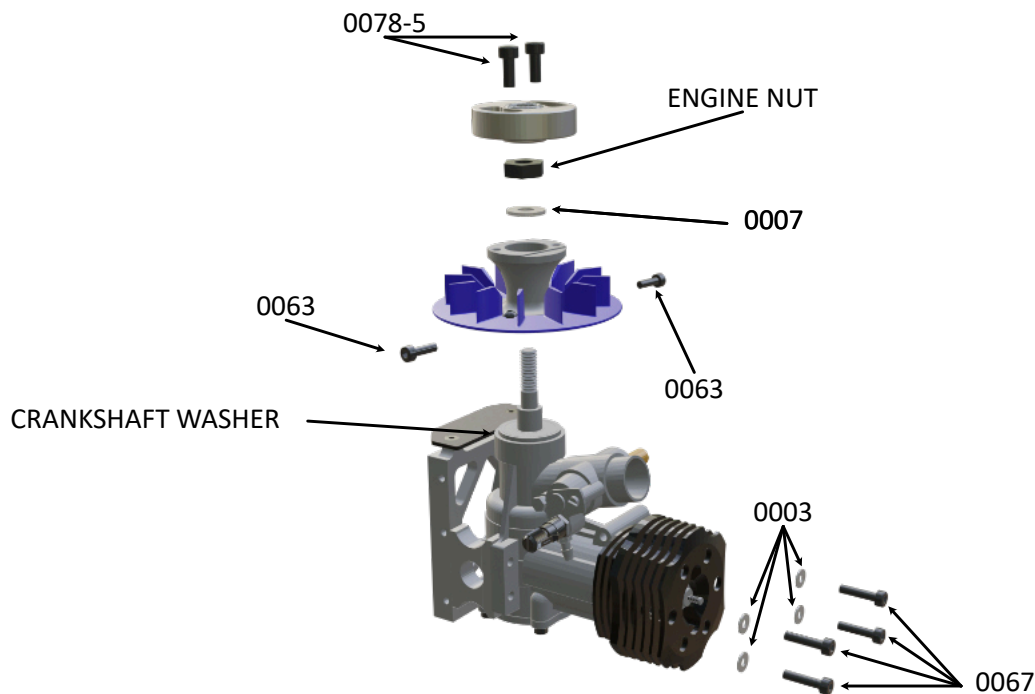


M10 x 12 One Way
Torrington

Assembly Tip: If using a governor, install the magnets at the fan. Take care of the orientation. One shall face "north", the other shall be facing up "south".

Use high-quality two-component epoxy like UHU 300 and let it hardening.

The magnets are included in the Fury 57 Super N kit.



0067



M3 x 14mm

0063



M3 x 10mm

0078-5



M4 x 10mm

0003



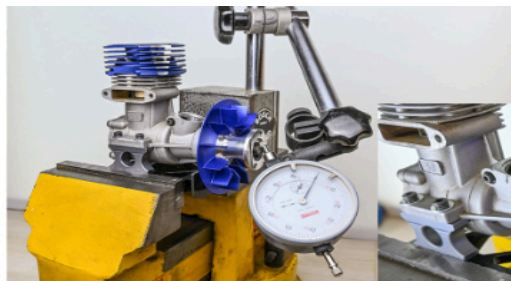
M3

0007



M6

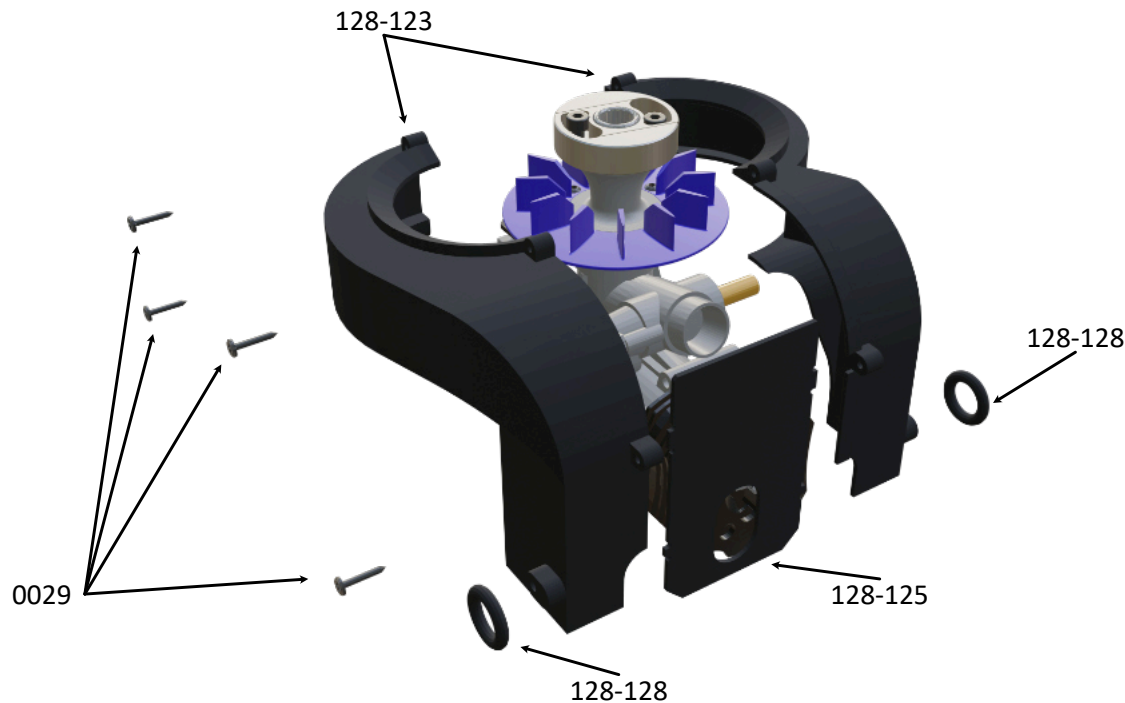
When installing the fan assembly to the engine then first apply a small amount of medium thread lock to the engine nut and tighten it slightly that 136-117 will be pulled down to sit on the aluminum disk of the engine. Then tighten bolts 0063 (also use medium thread lock at these bolts). Then tighten motor nut. Do not interrupt these steps to avoid drying of the thread lock applied to the nut before it finally has been tightened.



INSTALLING THE PREPARED FAN HUB: TO INSTALL THE FAN HUB YOU SHOULD USE A CRANKSHAFT LOCKING TOOL. TO USE IT YOU HAVE TO REMOVE THE BACK PLATE OF THE ENGINE. TAKE CARE ABOUT THE ORIENTATION AND CORRECT USE OF THE TOOL (SEE ENGINE MANUAL). OTHERWISE YOU CAN DAMAGE THE PISTON / ENGINE. DO NOT USE A PISTON STOPPER WHICH IS INSTALLED AT THE GLOW PLUG BORE.

DON'T FORGET TO INSTALL THE WASHER BETWEEN THE HUB AND THE ENGINE WHICH IS INCLUDED WITH THE ENGINE. PUT A VERY SMALL AMOUNT OF THREAD LOCK ON THE ENGINE NUT AND TIGHTEN IT SLIGHTLY. TAKE CARE THAT THE CRANKSHAFT HAS NO AXIAL PLAY - THIS IS VERY IMPORTANT. THEN TIGHTEN THE SCREWS 0063 ALTERNATELY AND CHECK RUNOUT OF THE HUB BY USING A DIAL GAUGE TOUCHING THE INNER DIAMETER OF THE FAN HUB. THE TOTAL RUNOUT SHALL BE LESS THAN 0.025MM OR 0.001". YOU CAN ADJUST THE RUNOUT BY ALTERNATELY TIGHTENING / RELEASING THE SCREWS 0063. IF THE RUNOUT IS OKAY THEN TIGHTEN THE ENGINE NUT CAREFULLY.

BEFORE INSTALLING THE CLUTCH PUT A VERY SMALL AMOUNT OF SYNTHETIC GREAS INTO THE ONE WAY BEARING. MOUNT THE ENGINE AT THE MOTOR MOUNT BUT DO NOT TIGHTEN THE SCREWS AT THIS POINT COMPLETELY. IT SHOULD BE POSSIBLE TO MOVE THE ENGINE WITHIN THE MOUNTING BORES.



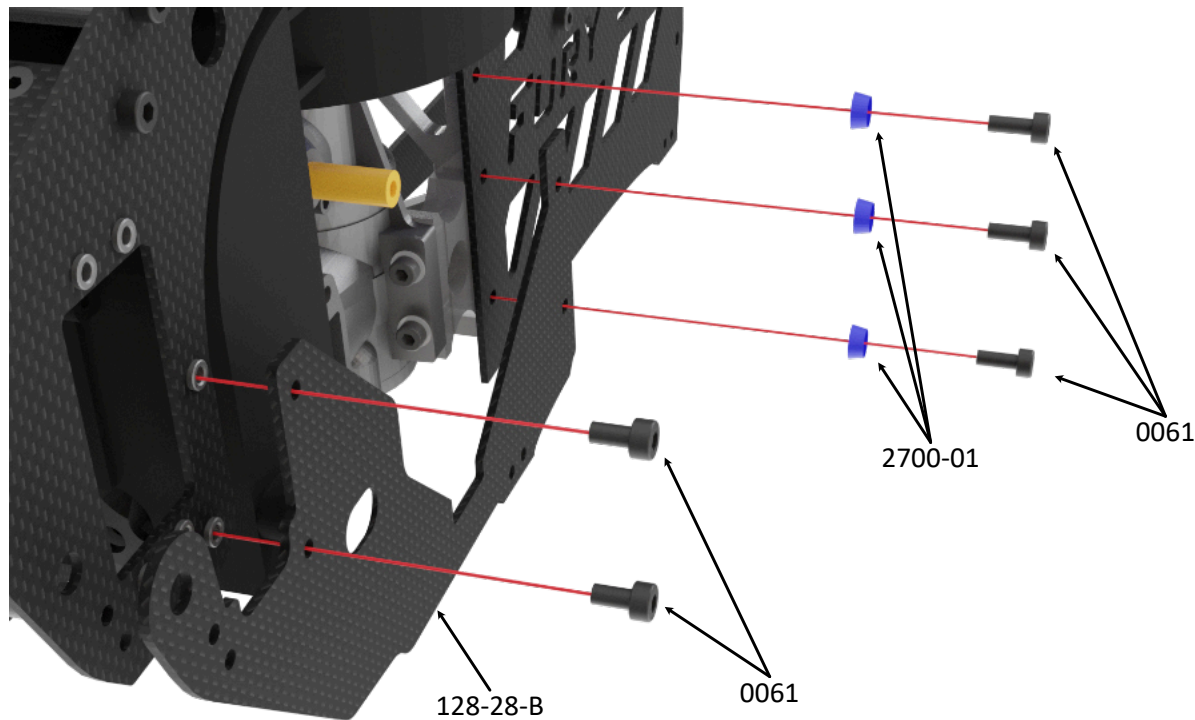
0029



M2.2 x 13mm



Apply a small amount of medium thread lock when threading into metal parts.



0061



M3 x 8mm

2700-01



M3 (blue)

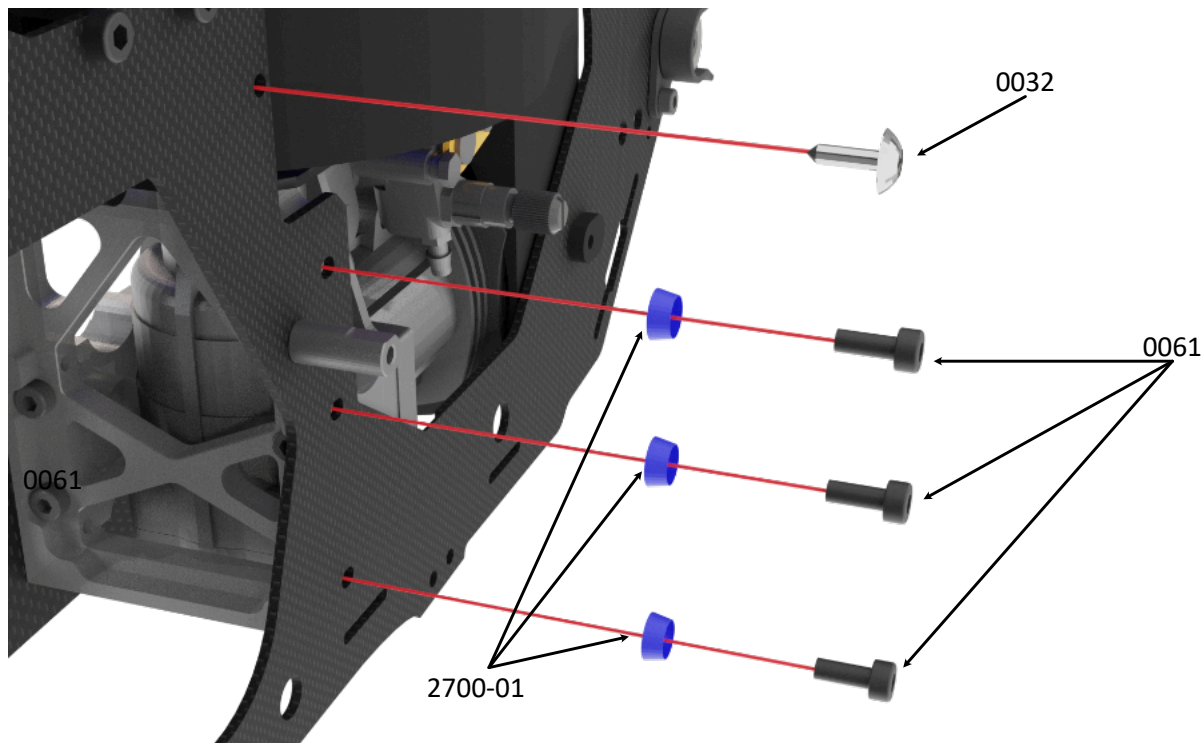
2700-01

0061

Assembly Tip: Do not tighten the three screws which hold the motor mount at this point.



Apply a small amount of medium thread lock when threading into metal parts.



0061



M3 x 8mm

0032



M2.9 x 9.5mm

2700-01

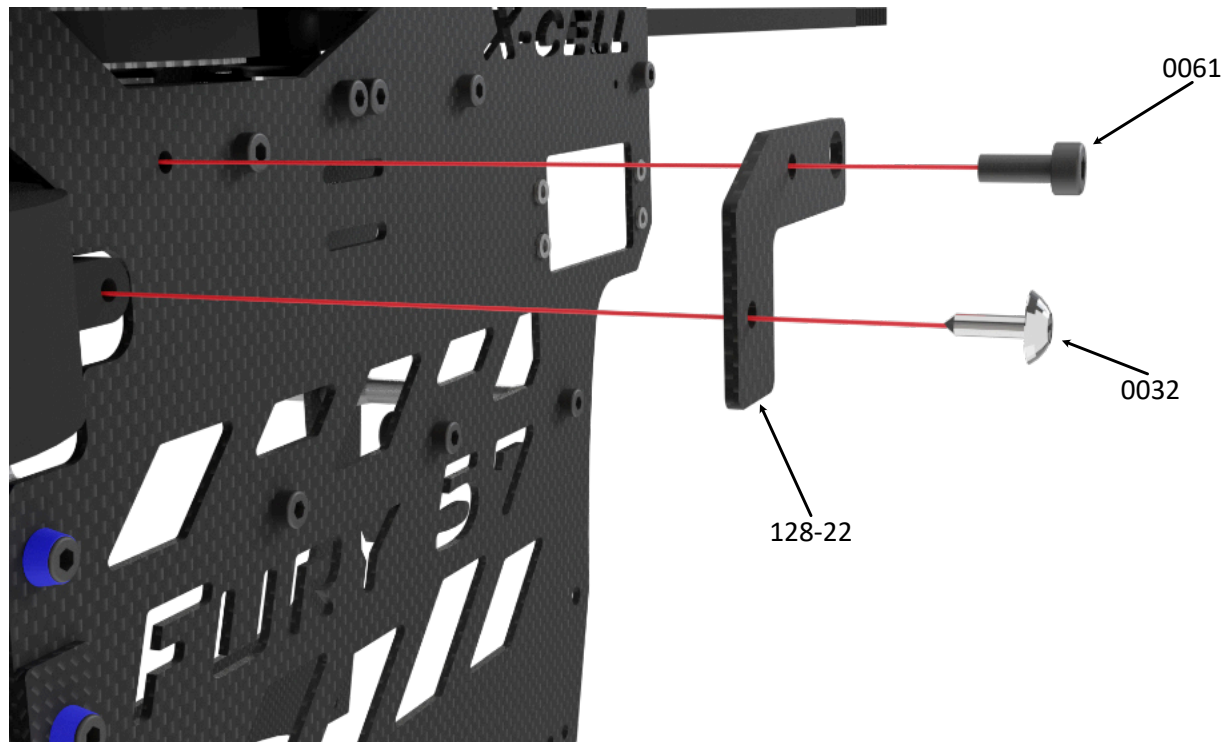


M3 (blue)



Apply a small amount of medium thread lock when threading into metal parts.

Before tightening the screws which hold the motor mount please check the alignment of the engine by rotating the start shaft clock wise. Move the complete engine forward / backward to find a position where the start shaft can be rotated easily. Then tighten the engine screws and the screws which hold the motor mount. Check the start shaft again and repeat this procedure if the start shaft cannot be rotated clockwise freely.



0061



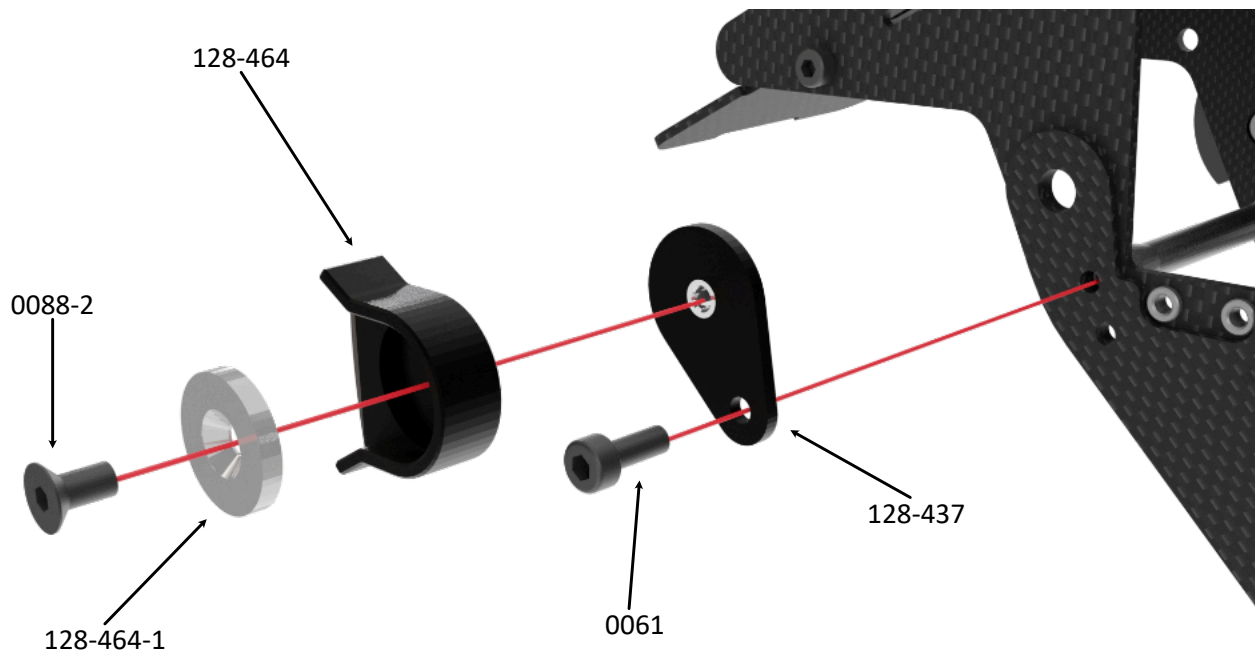
M3 x 8mm

0032



M2.9 x 9.5mm

Assembly Tip: Apply a small amount of medium thread lock when threading in to metall parts.



0061



M3 x 8mm

0088-2



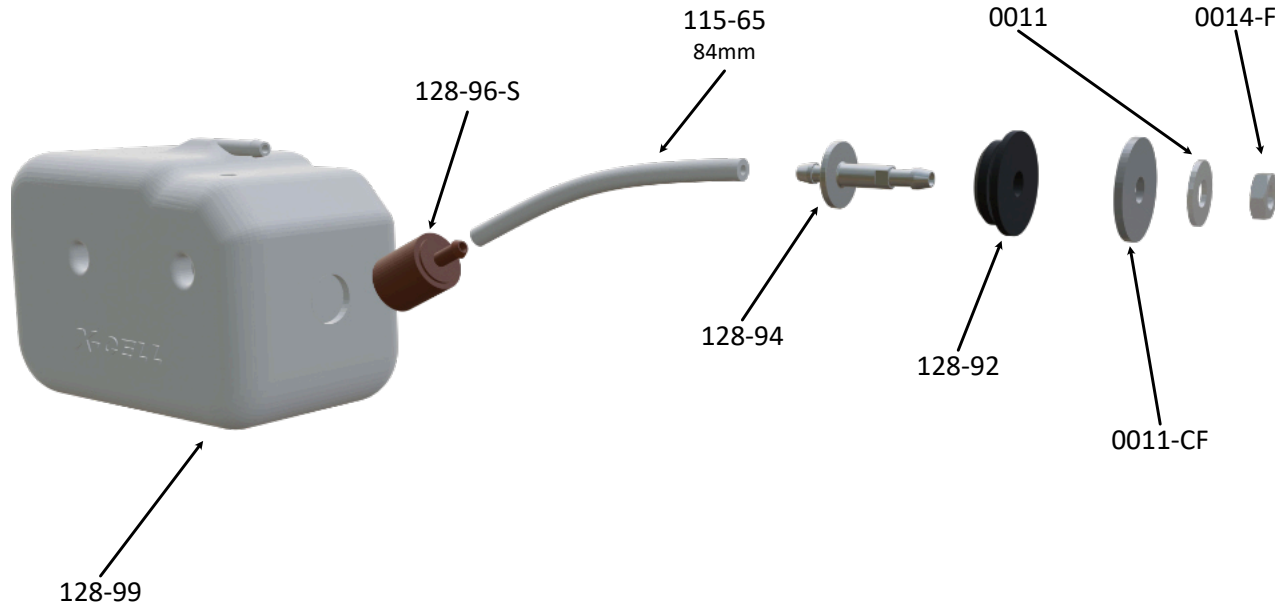
M3 x 6mm

Assembly Tip: Apply a small amount of medium thread lock when threading in to metall parts.



Apply a small amount of medium thread lock when threading in to metal parts.

FURY 57 SUPER N MANUAL



0014-F



M5 (fine)

0011-CF



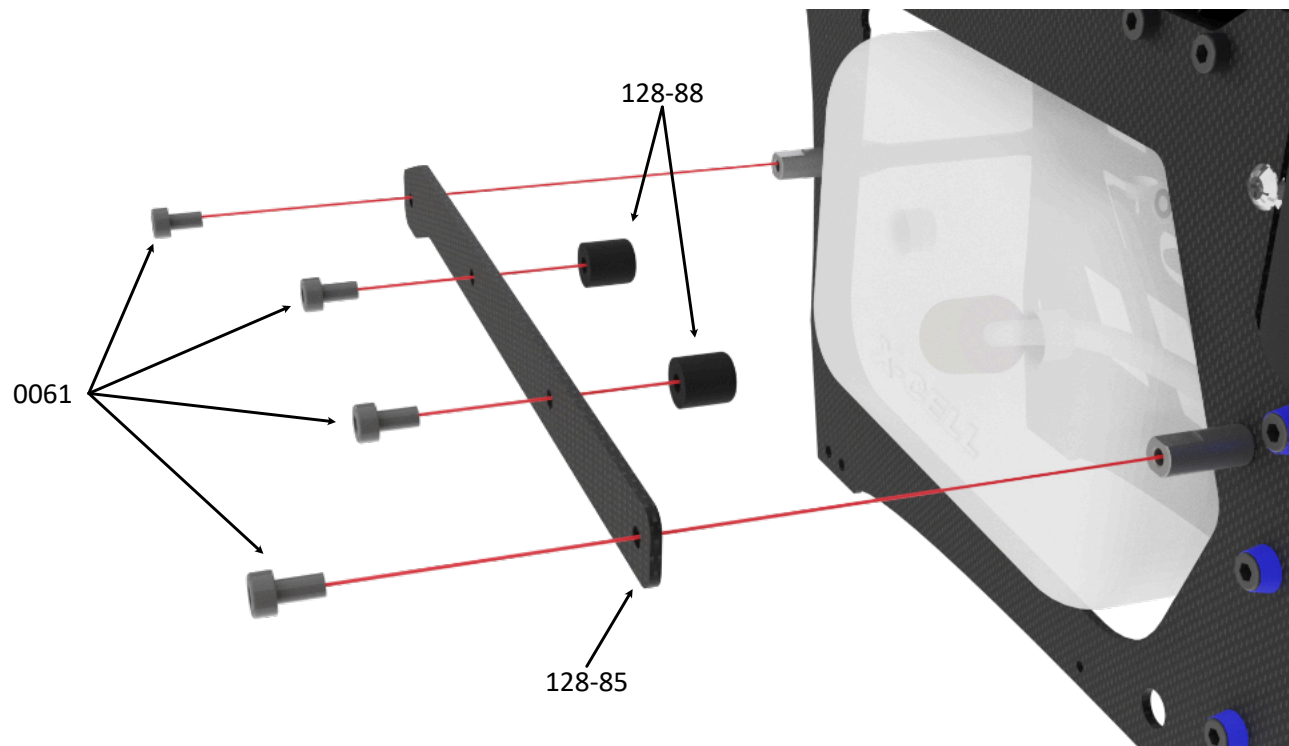
M5 CF

0011



M5

Assembly Tip: Do not apply thread lock to the nut 0014-F.
Do not overtighten If the tank starts leaking at this opening just tighten the nut about 1/2 or 1 turn.



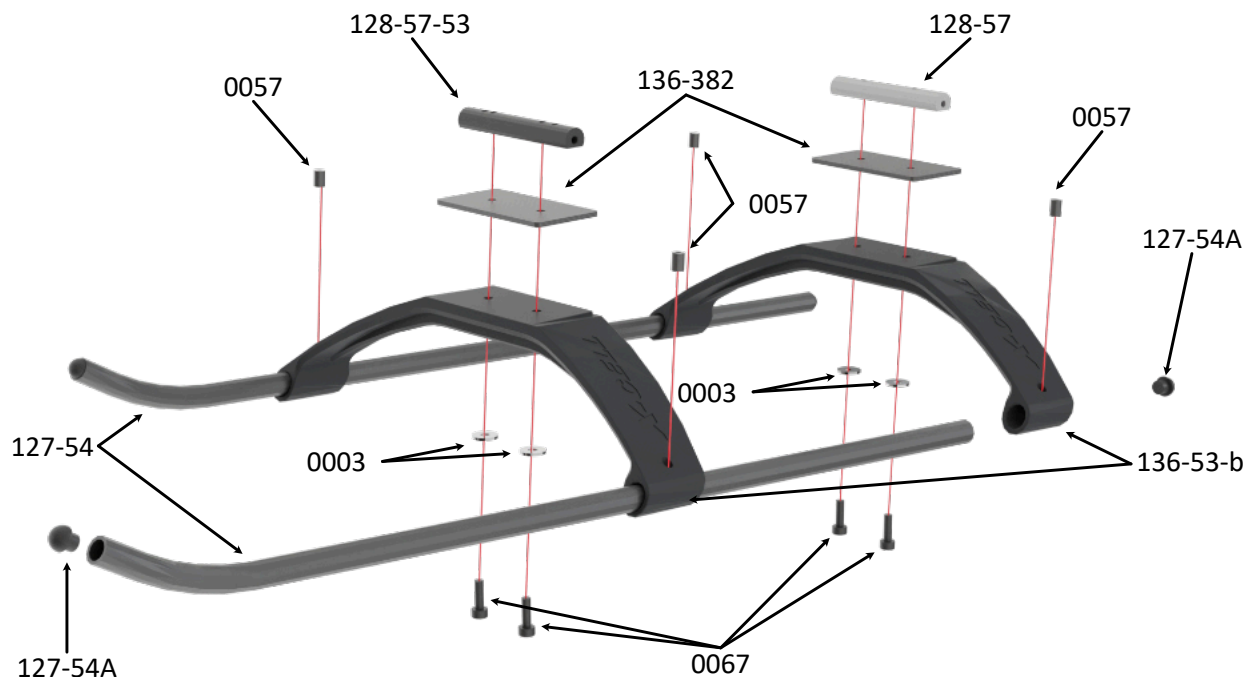
0061



M3 x 8mm



Apply a small amount of medium thread lock when threading into metal parts.



0057



M4 x 4mm

0067



M3 x 14mm

0003

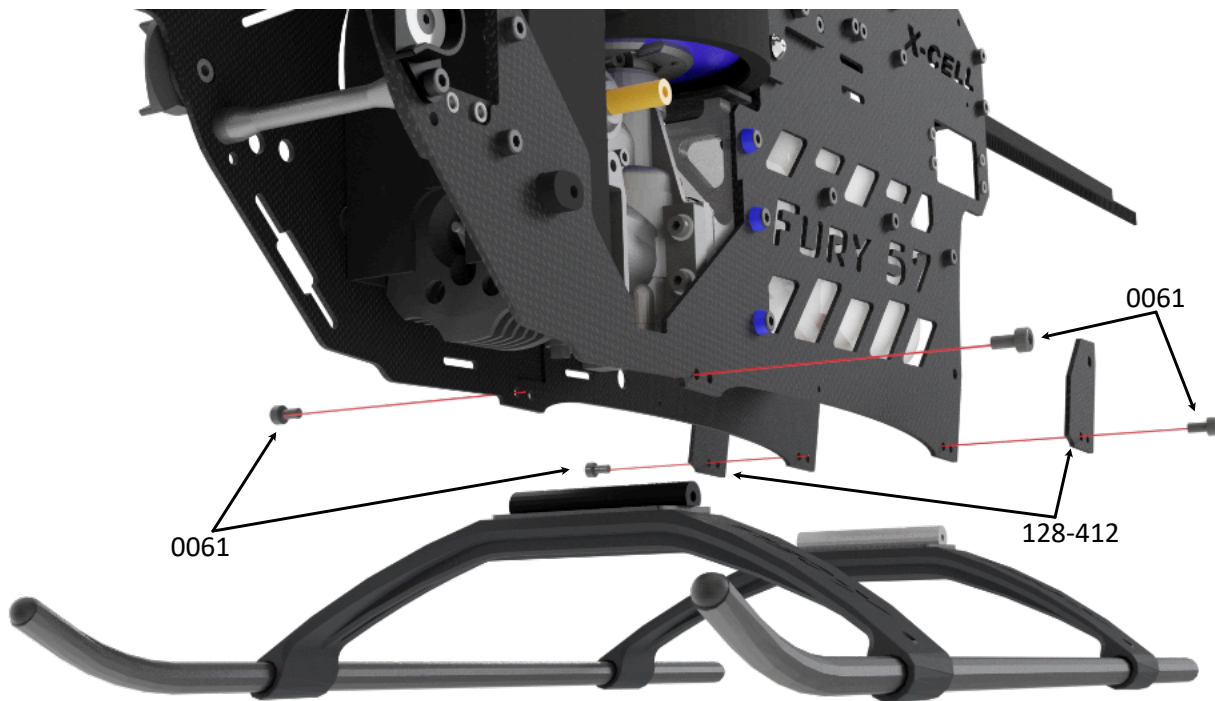


M3



Apply a small amount of medium thread lock when threading into metal parts.

The color of the skids and struts which will be shipped with the kit depends on design of the canopy.



0061



M3 x 8mm

0061

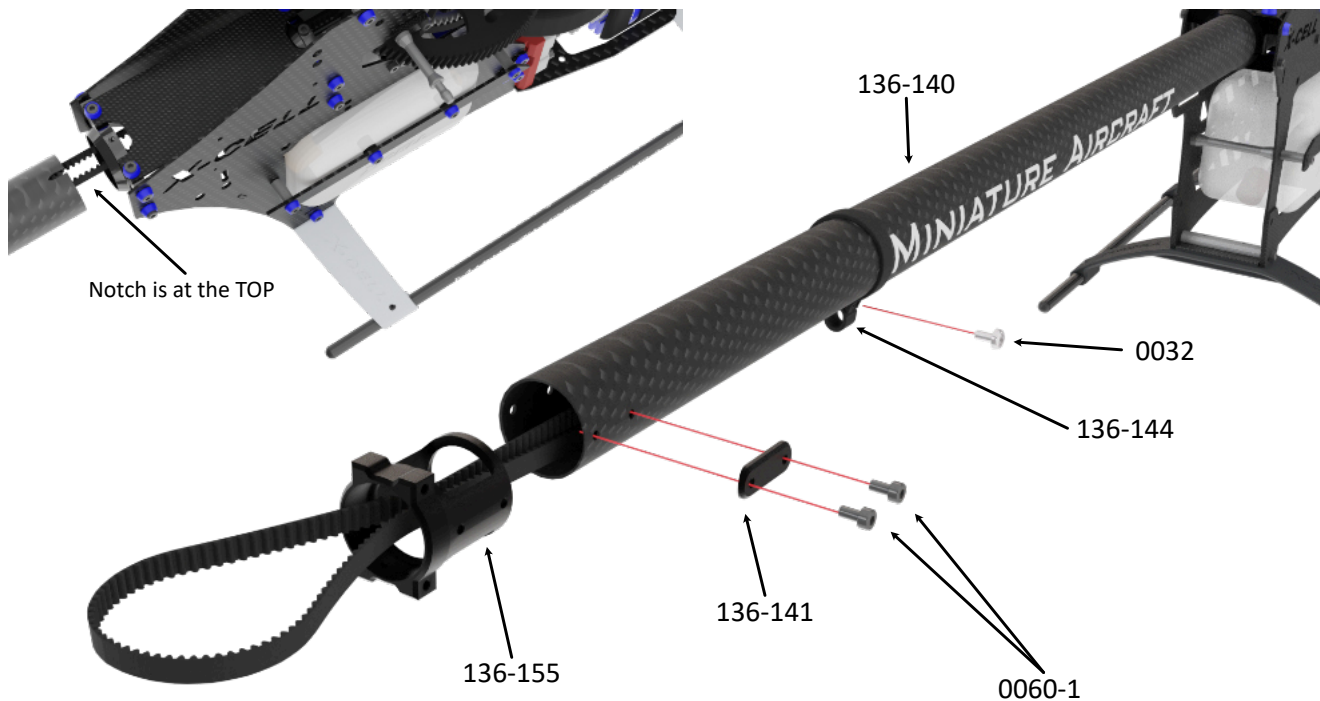
0061

128-412

Assembly Tip: Apply a small amount of medium thread lock when threading in to metall parts.



Apply a small amount of medium thread lock when threading into metal parts.



Assembly Tip: Notch is at the TOP

0032



M2.9 x 9.5mm

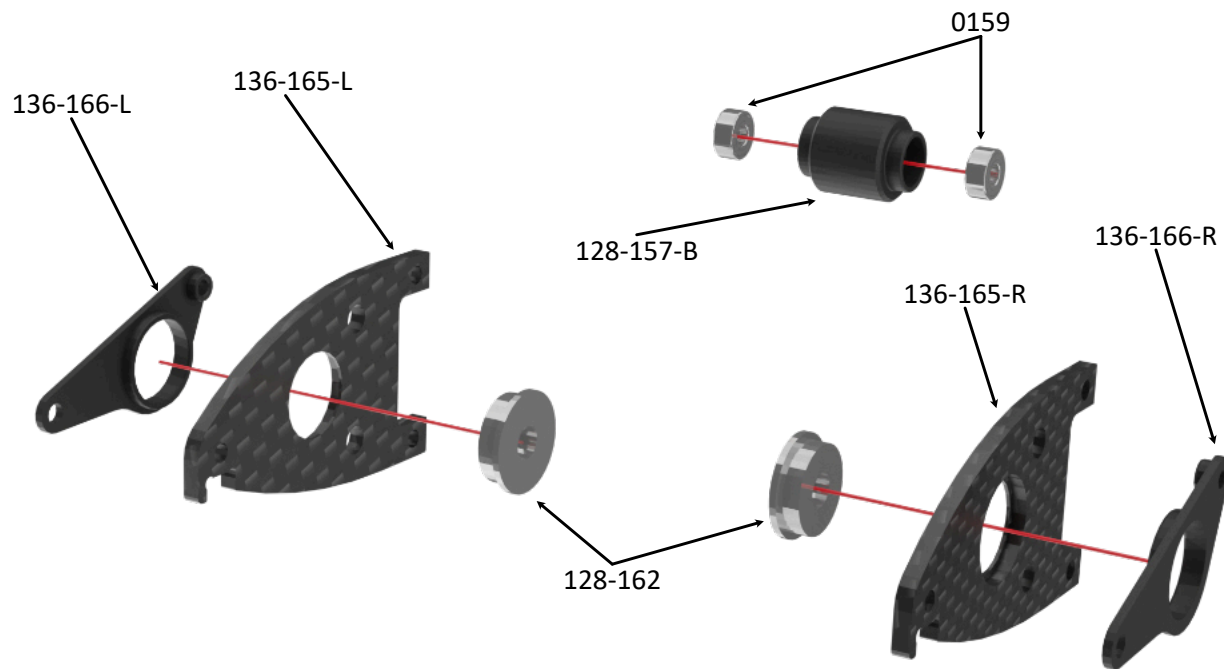
0060-1



M3 x 6mm



Apply a small amount of medium thread lock when threading into metal parts.



0159



**M3 x 7 x 3
Ball Bearing**

128-162

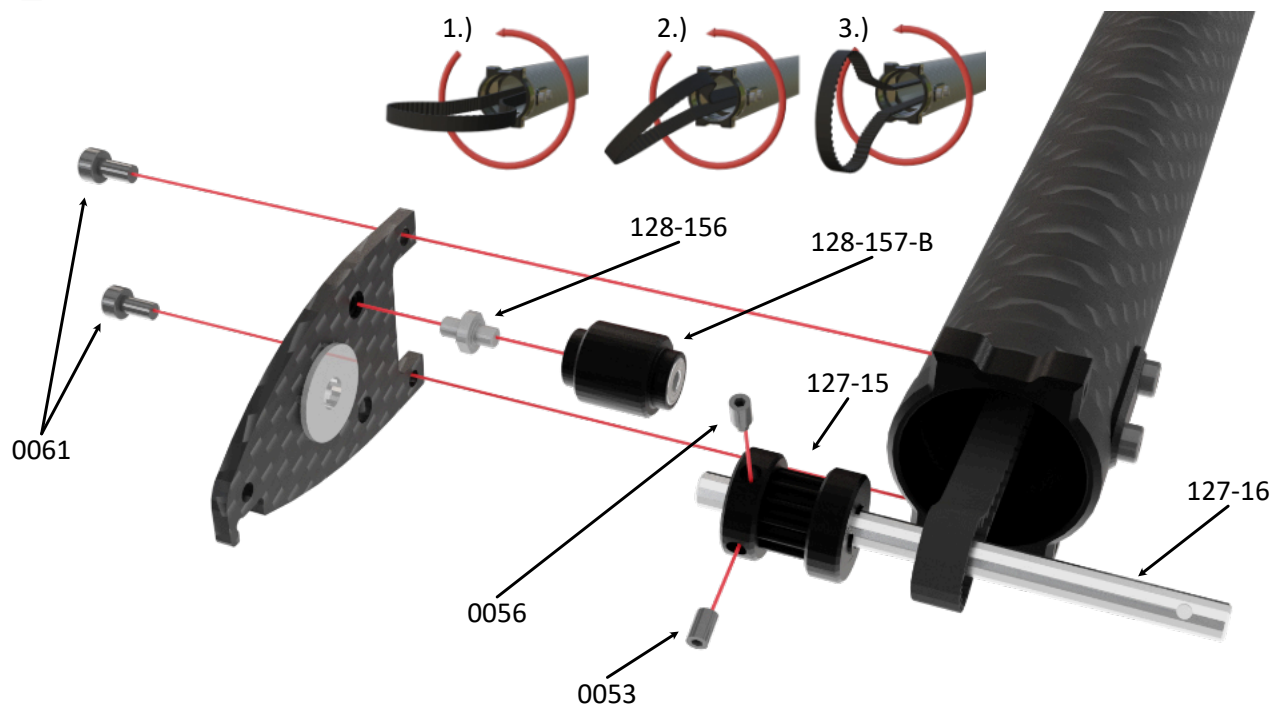


**M5 x 13 x 4
Flanged Bearing**



Apply a small amount of medium thread lock when threading into metal parts.

Factory Assembled
This parts will needed for the next 2 steps



0061



M3 x 8mm

0053



M3 x 5mm

0056

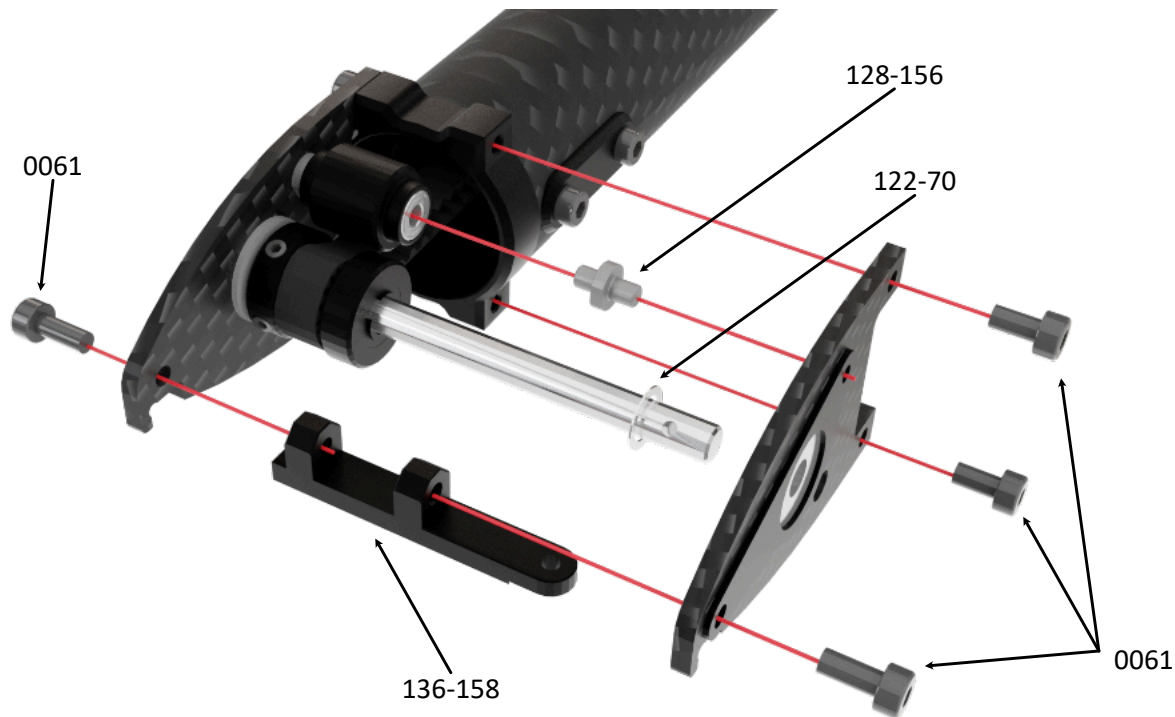


M3 x 5mm



Apply a small amount of medium thread lock when threading into metal parts.

Assembly Tip: Apply a small amount of medium thread lock when threading in to metall parts.
Attention: Turn the belt 90 degree counter clockwise.



0061



M3 x 8mm

122-70

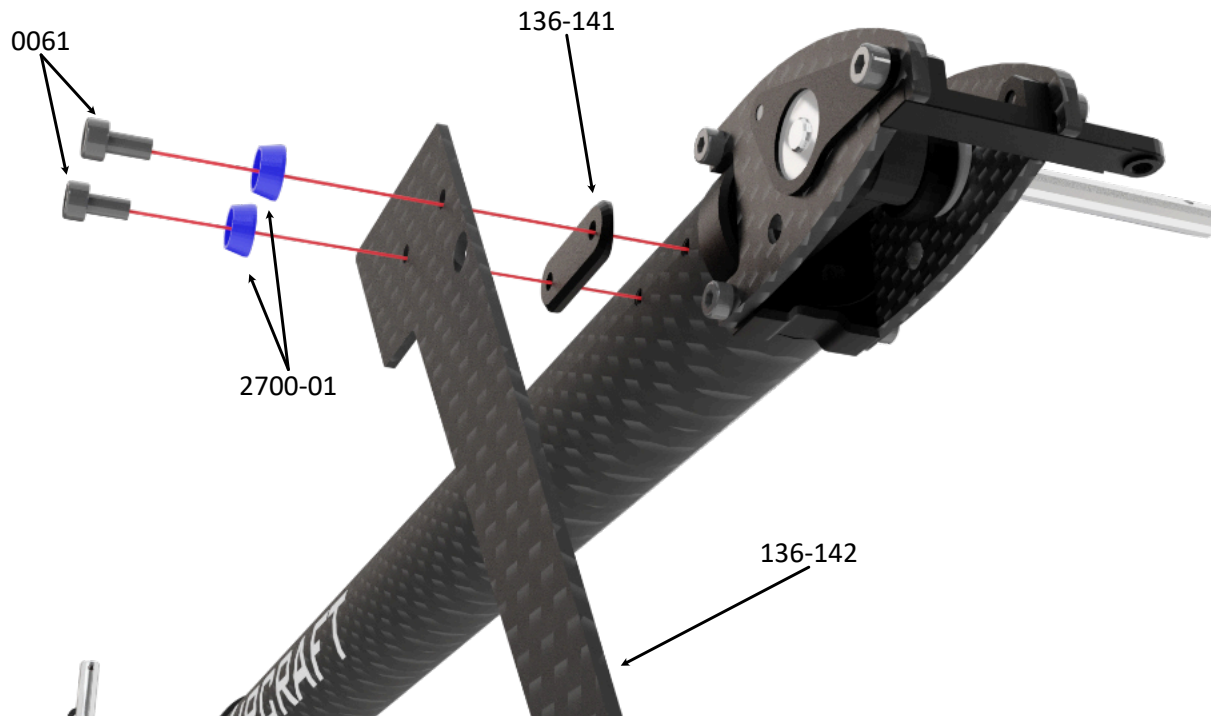


M5 x .25mm

Assembly Tip: Apply a small amount of medium thread lock when threading in to metall parts.



Apply a small amount of medium thread lock when threading into metal parts.



0061



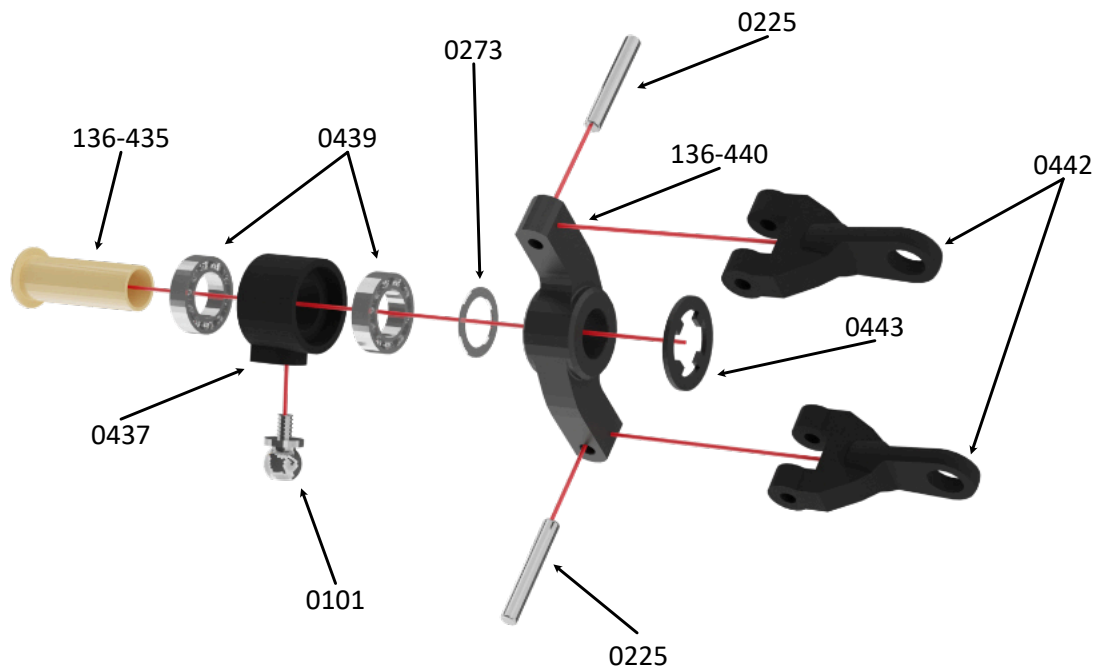
M3 x 8mm

2700-01



M3 (blue)

Assembly Tip: Apply a small amount of medium thread lock when threading in to metall parts.



0101



M2 x 5.3mm

0273



M6 x 10 x .28mm

0439

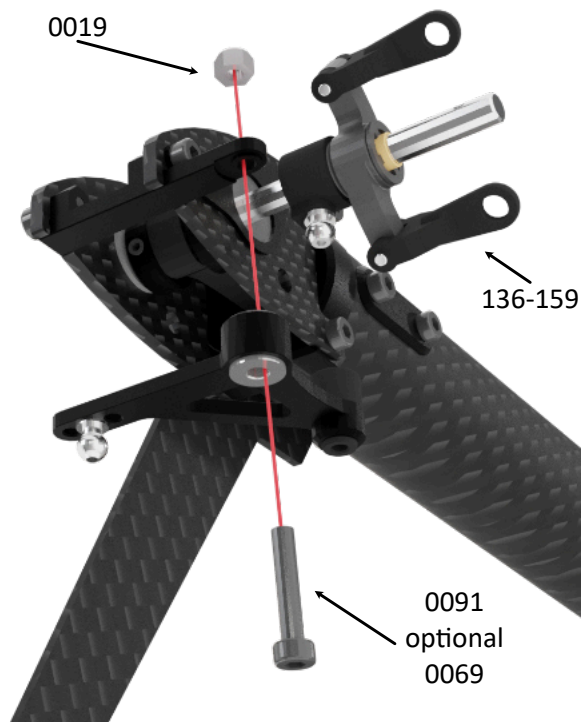
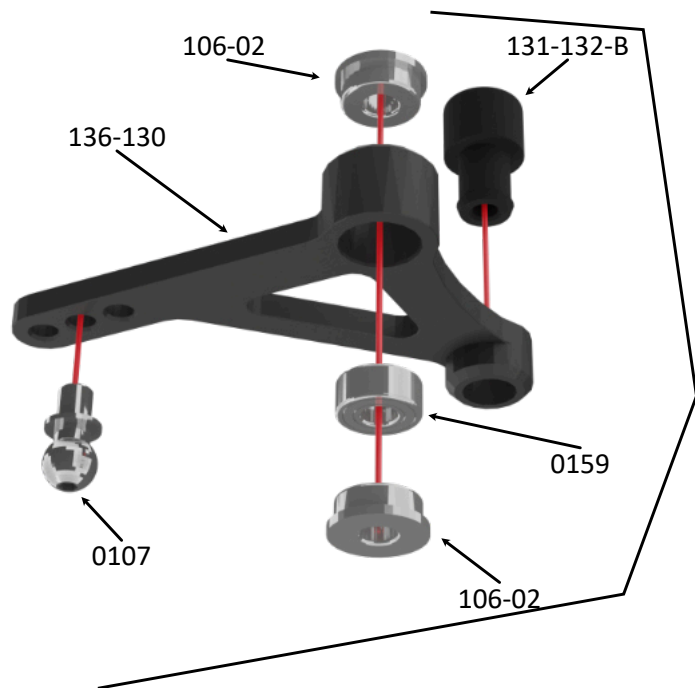


M6 x 10 x 2,5
Open Ball Bearing



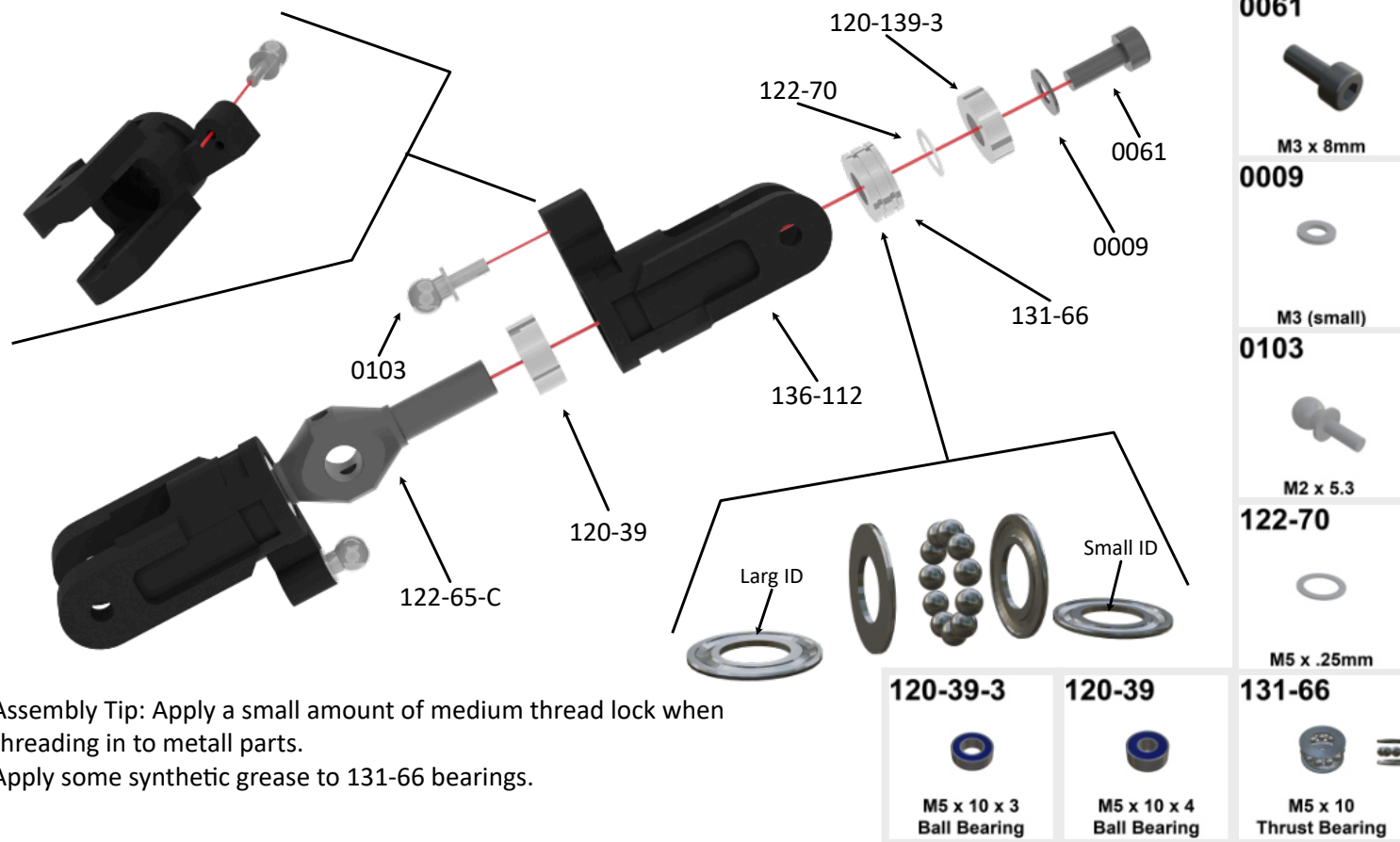
Apply a small amount
of medium thread lock
when threading into
metal parts.

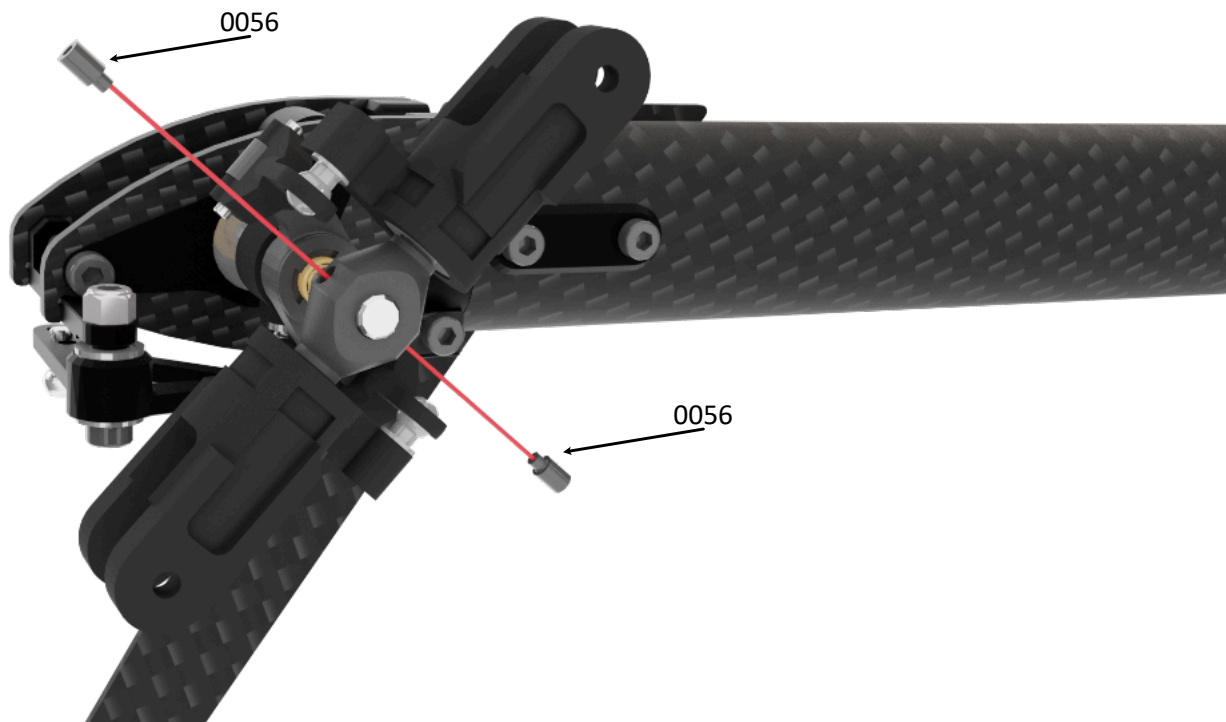
Factory Assembled



Assembly Tip: Apply a small amount of medium thread lock when threading in to metall parts.

| | |
|---------------|---|
| 0019 |  |
| | M3 |
| 0091 |  |
| | M3 x 16mm |
| 0107 |  |
| | M3 x 6mm |
| 0159 |  |
| | M3 x 7 x 3 Ball Bearing |
| 106-02 |  |
| | M3 x 7 x 3 Flanged Bearing |





0056

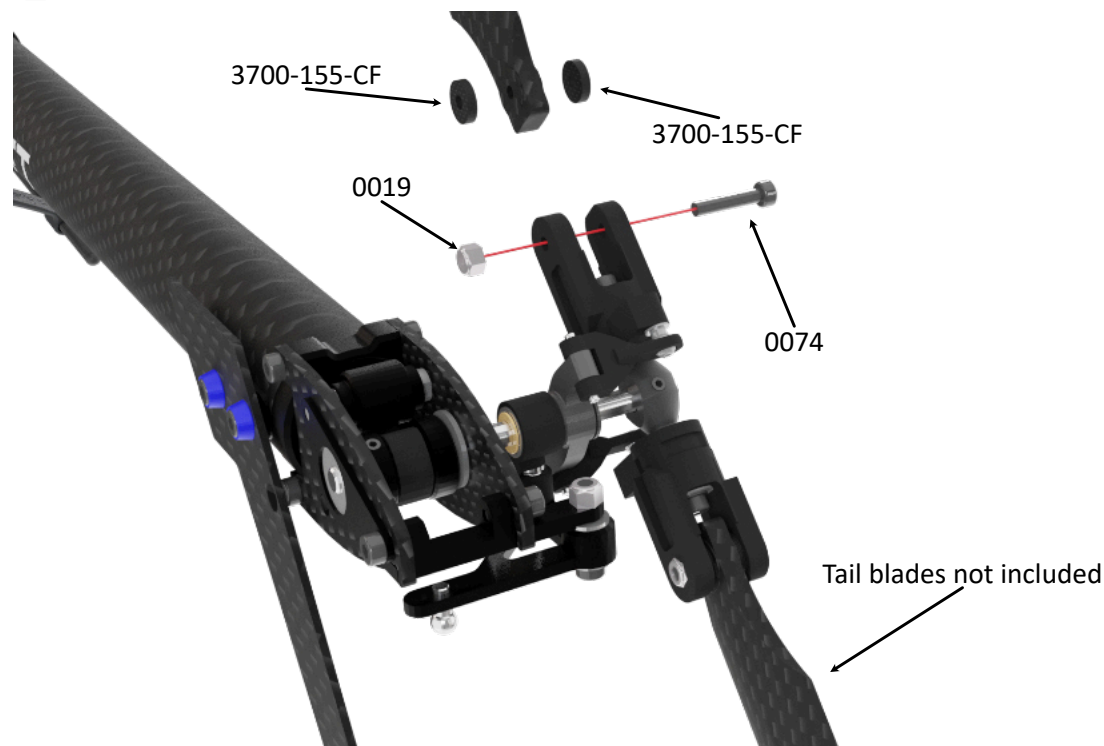


M3 x 5mm

Assembly Tip: Take care that the dog point socket set screws 0056 will settle at the dimples of the tail shaft. First install the screws that they settle correctly at the dimples but do not tighten them. Then tighten one of bolts firmly and then the other one slightly less.



Apply a small amount of medium thread lock when threading into metal parts.



0019



M3

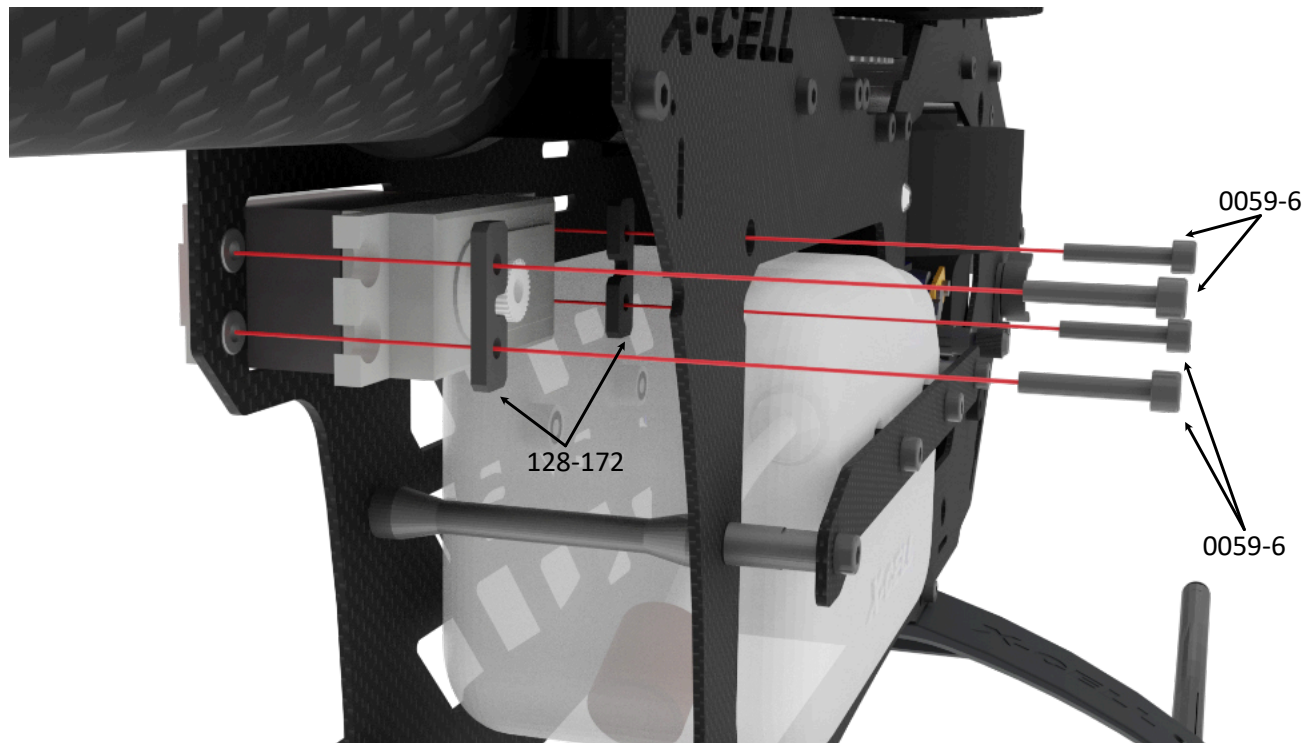
0074



M3 x 22mm



Apply a small amount of medium thread lock when threading into metal parts.



0059-6



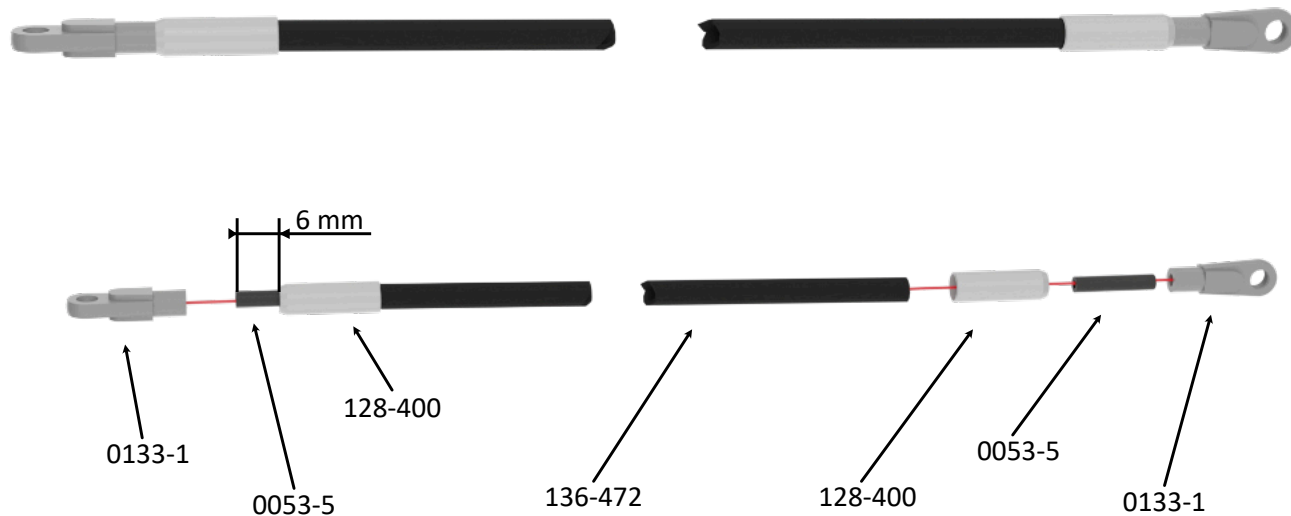
M2.5 x 16mm

0059-6

0059-6



Apply a small amount of medium thread lock when threading into metal parts.



0053-5



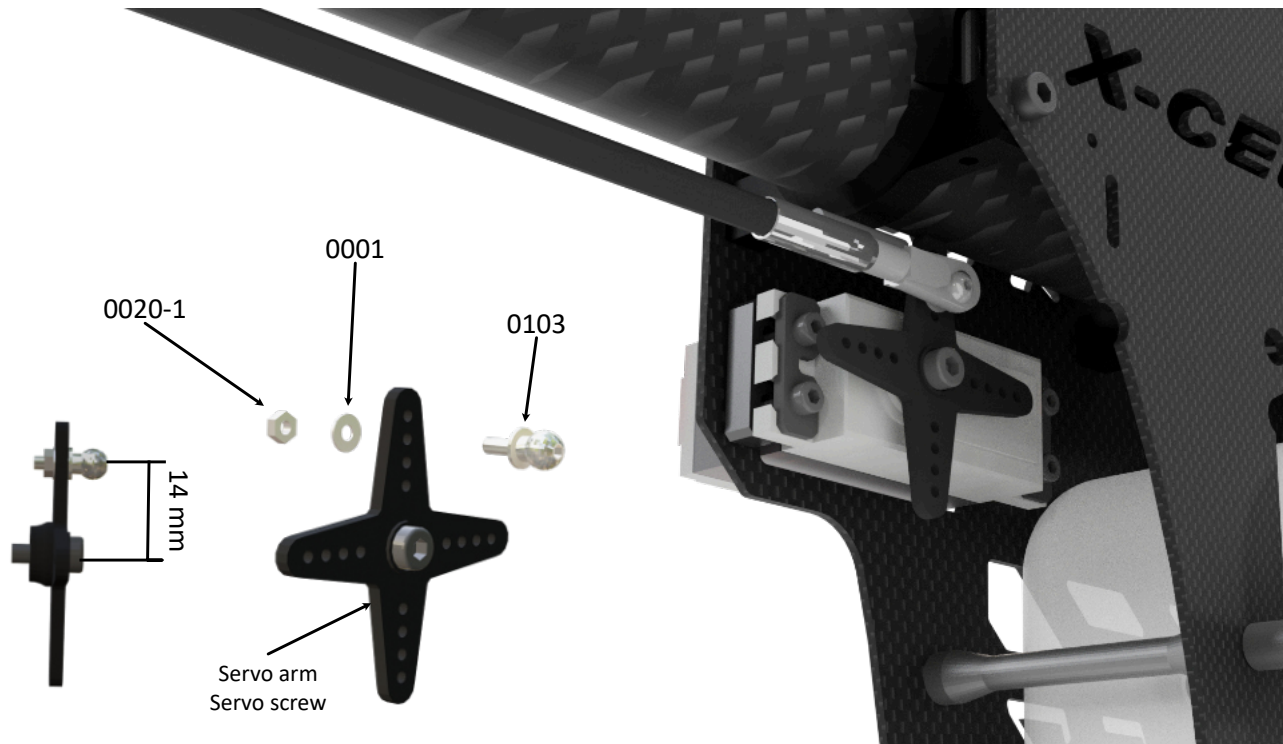
M3 x 16mm

0133-1



M3 x 21.2mm

Assembly Tip: Put all parts together and check length of the push rod. Shorten carbon tube if necessary. Install the 0053-5 set screws into the push rod ends using high quality epoxy. Use high quality epoxy to glue the push rod ends to the carbon tube. Put epoxy at the inside and the outside of the carbon tube to glue the push rod ends on it.



0103



M2 x 5.3

0020-1



M2

0001

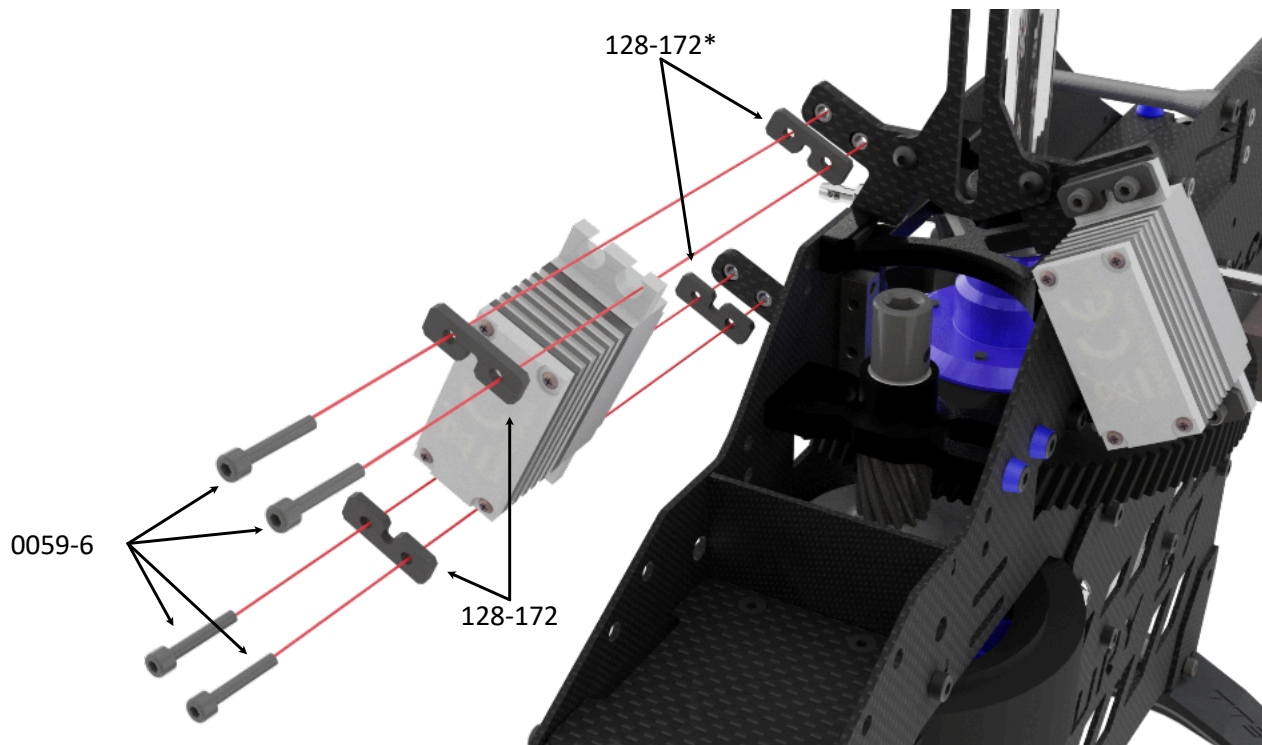


M2



Apply a small amount of medium thread lock when threading into metal parts.

Assembly Tip: Read servo manual for installing servo screw.



* MA128-172 Servo Spacers are included for proper servo linkage alignment, if required.

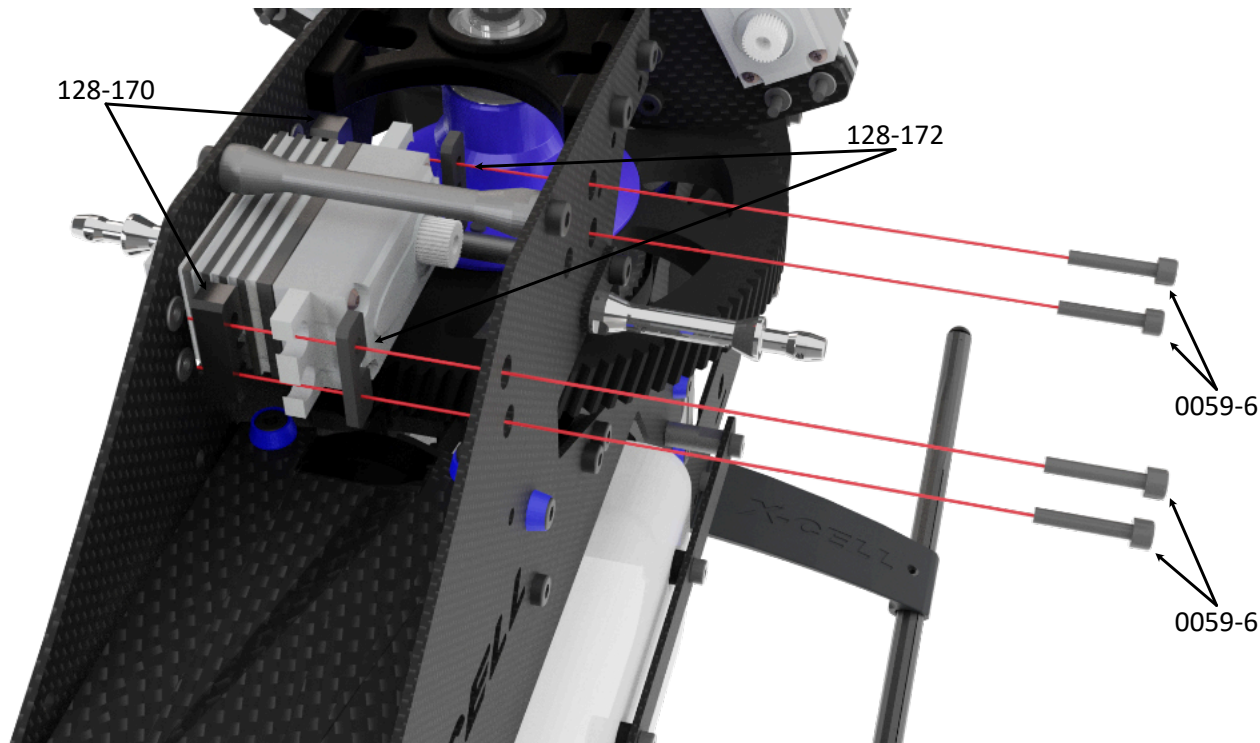
0059-6



M2.5 x 16mm



Apply a small amount of medium thread lock when threading into metal parts.



0059-6



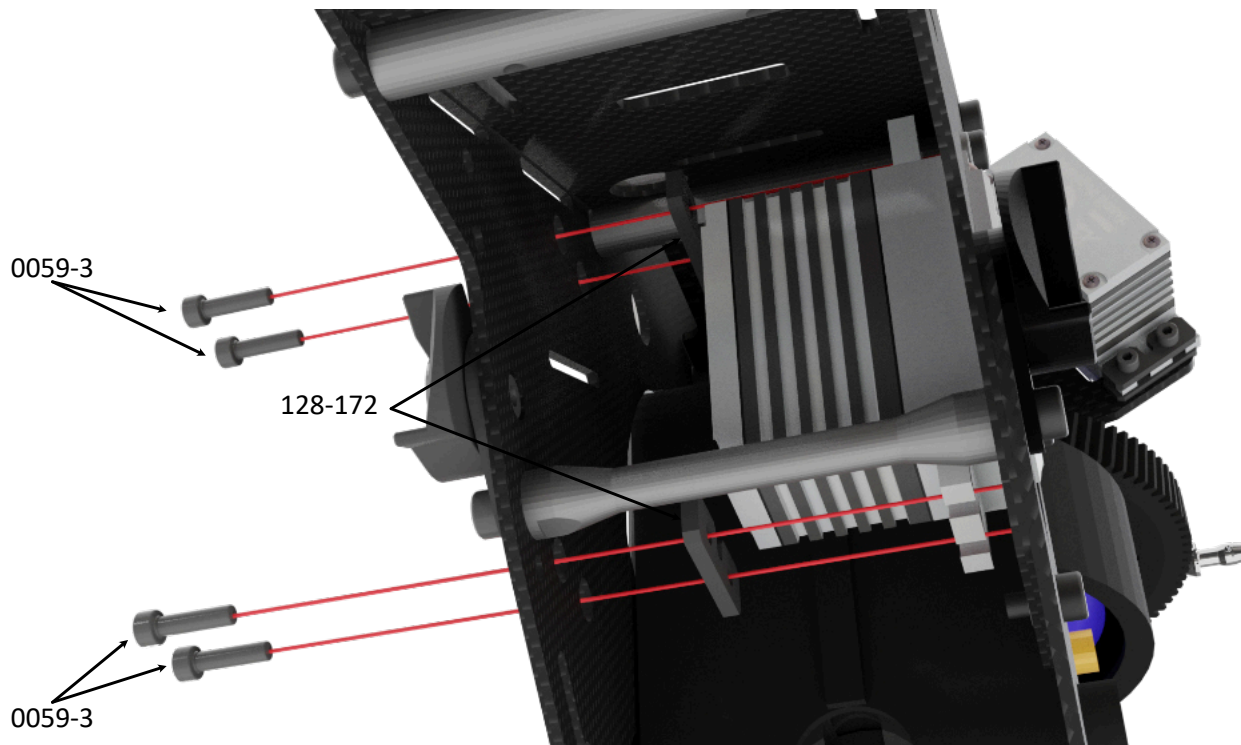
M2.5 x 16mm

0059-6

0059-6



Apply a small amount of medium thread lock when threading into metal parts.



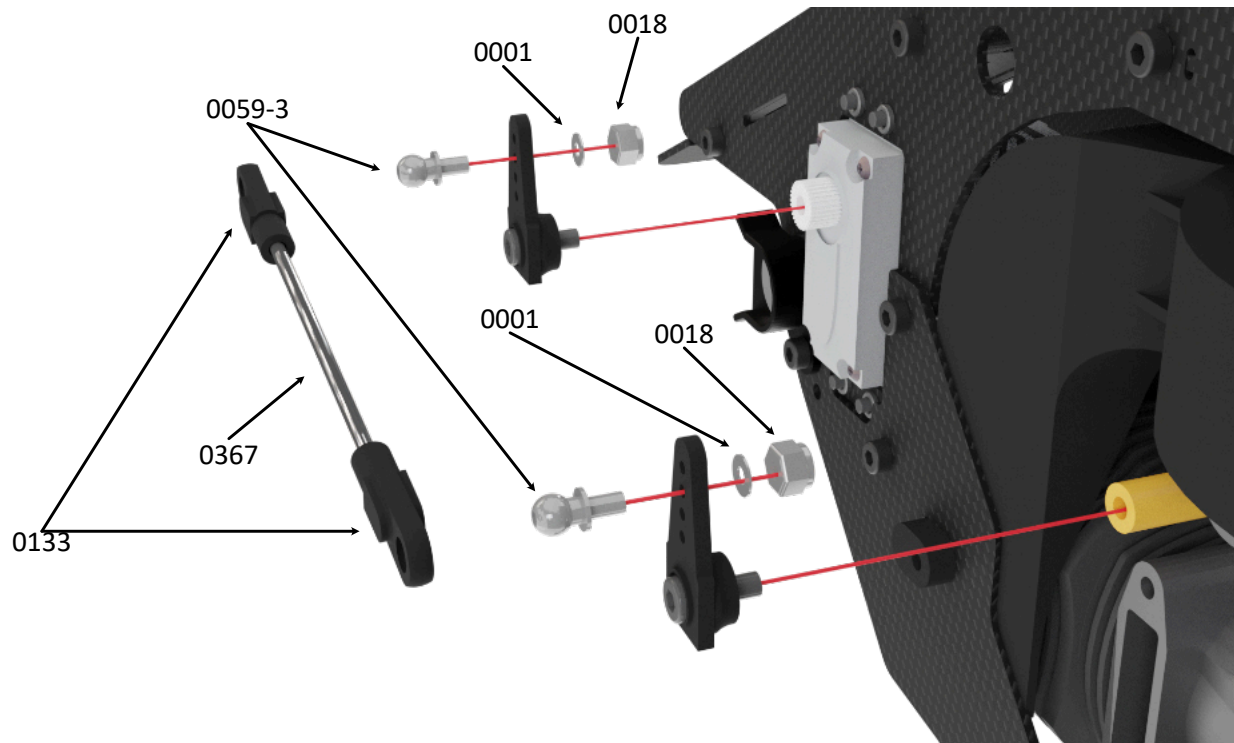
0059-3



M2.5 x 10mm



Apply a small amount of medium thread lock when threading into metal parts.



0103



M2 x 5.3

0018



M2

0001

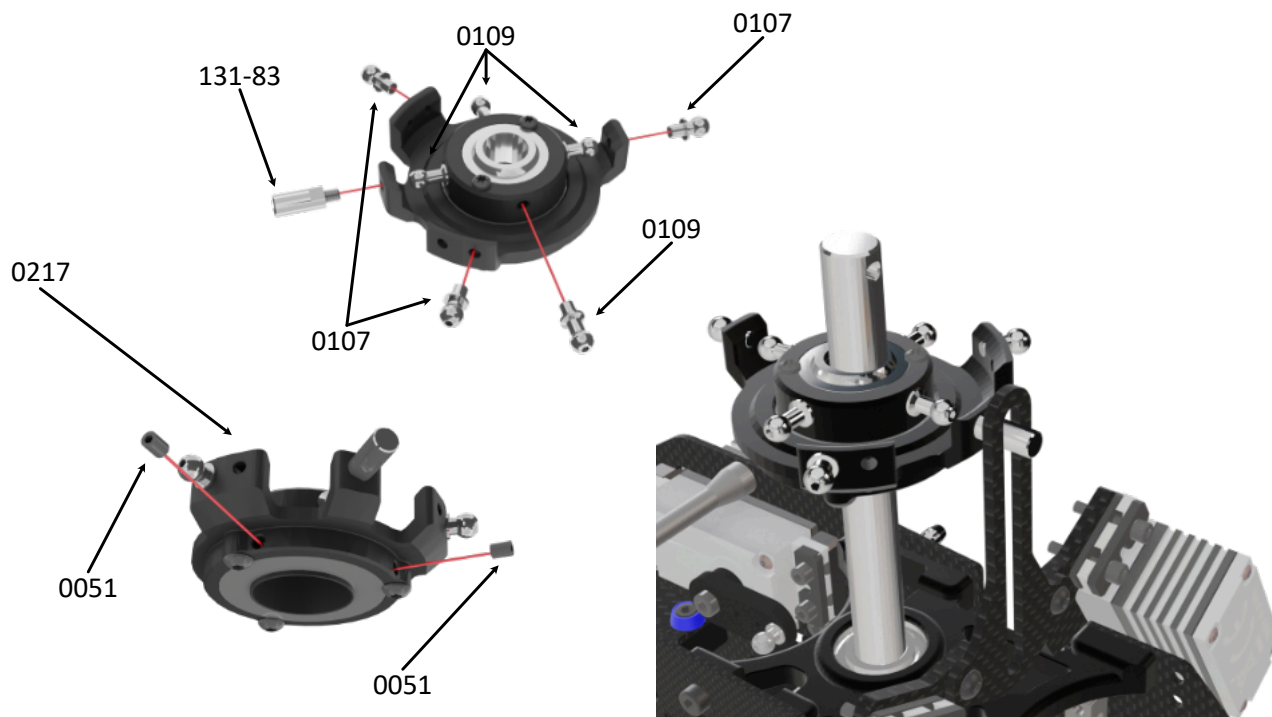


M2

0133



M2 x 21.2mm



0107



M3 x 6mm

0109



M3 x 8mm

0051

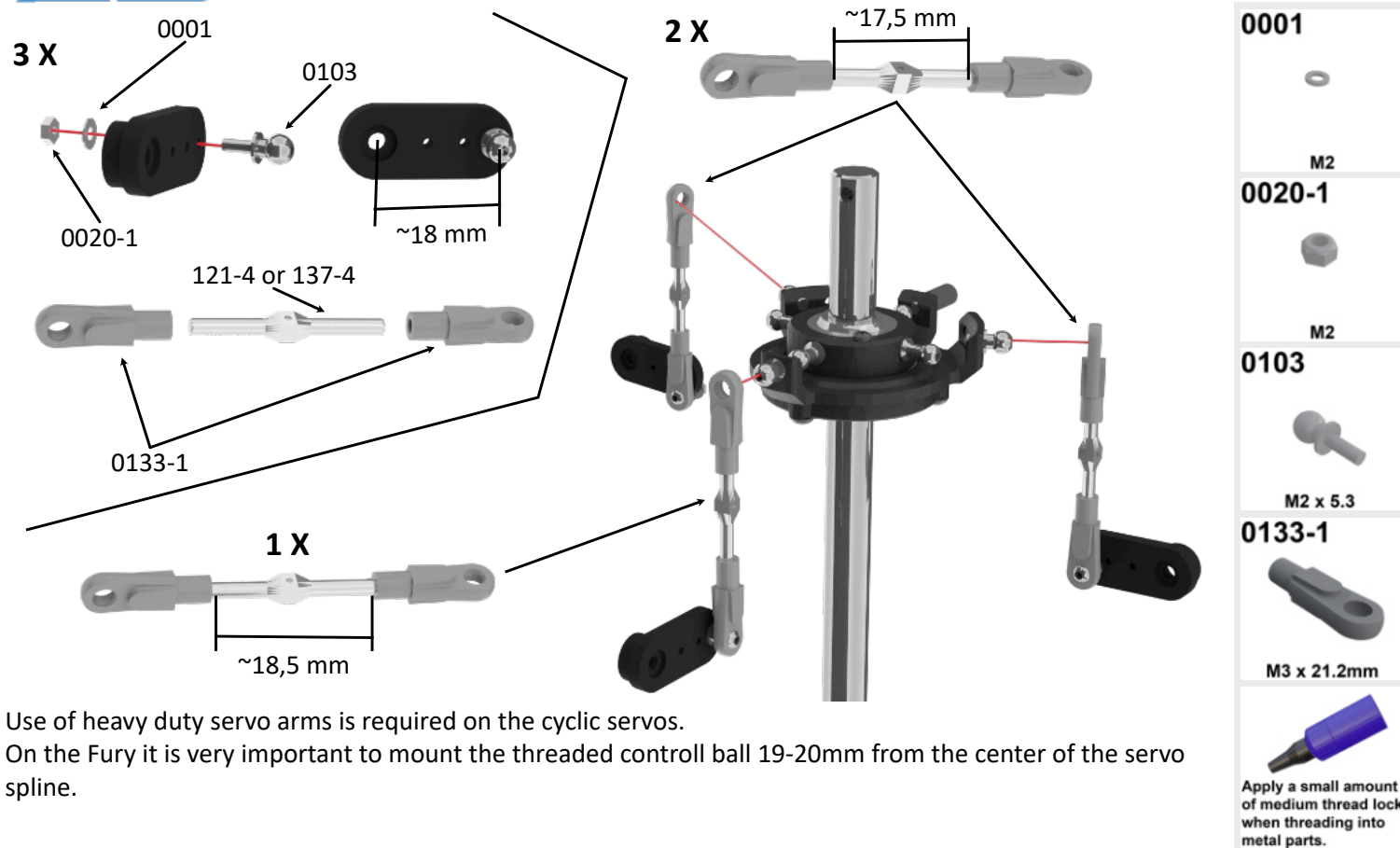


M3 x 3mm



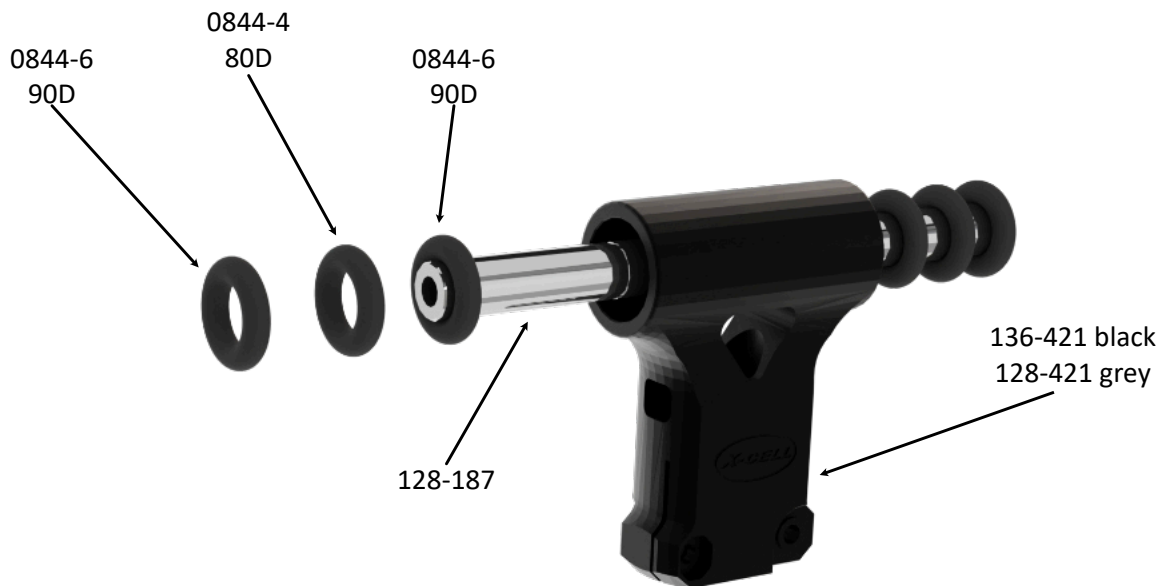
Apply a small amount of medium thread lock when threading into metal parts.

Thread in the MA0051 m3x3 socket set screws into the base of the swashplate only until they bottom out against the lower bearing. They are only used to apply slight pressure on the bearing to remove any play associated with bearing wear. If too much pressure is applied with the MA0051 m3x3 socket set screws, the bearing will feel.



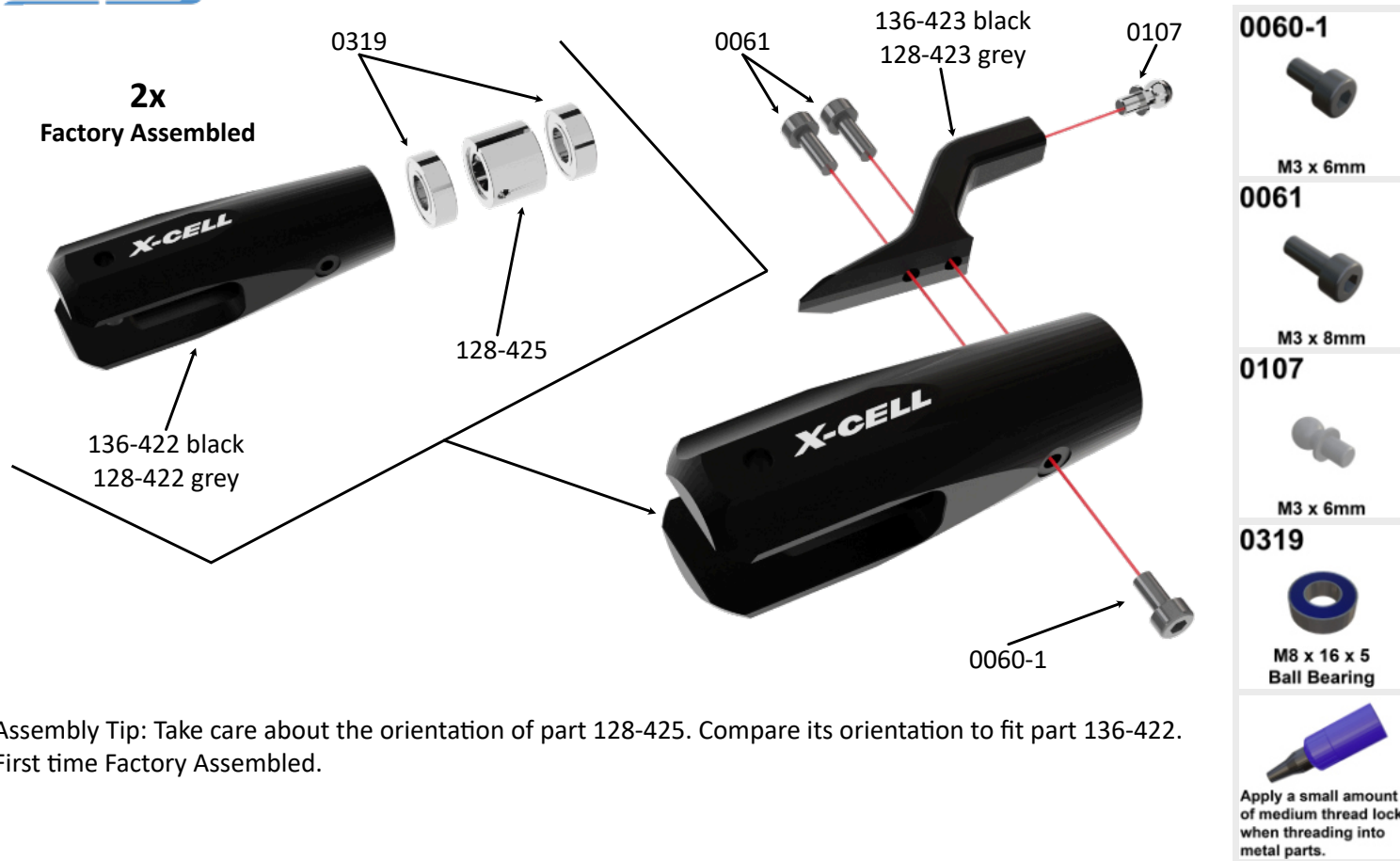
Use of heavy duty servo arms is required on the cyclic servos.

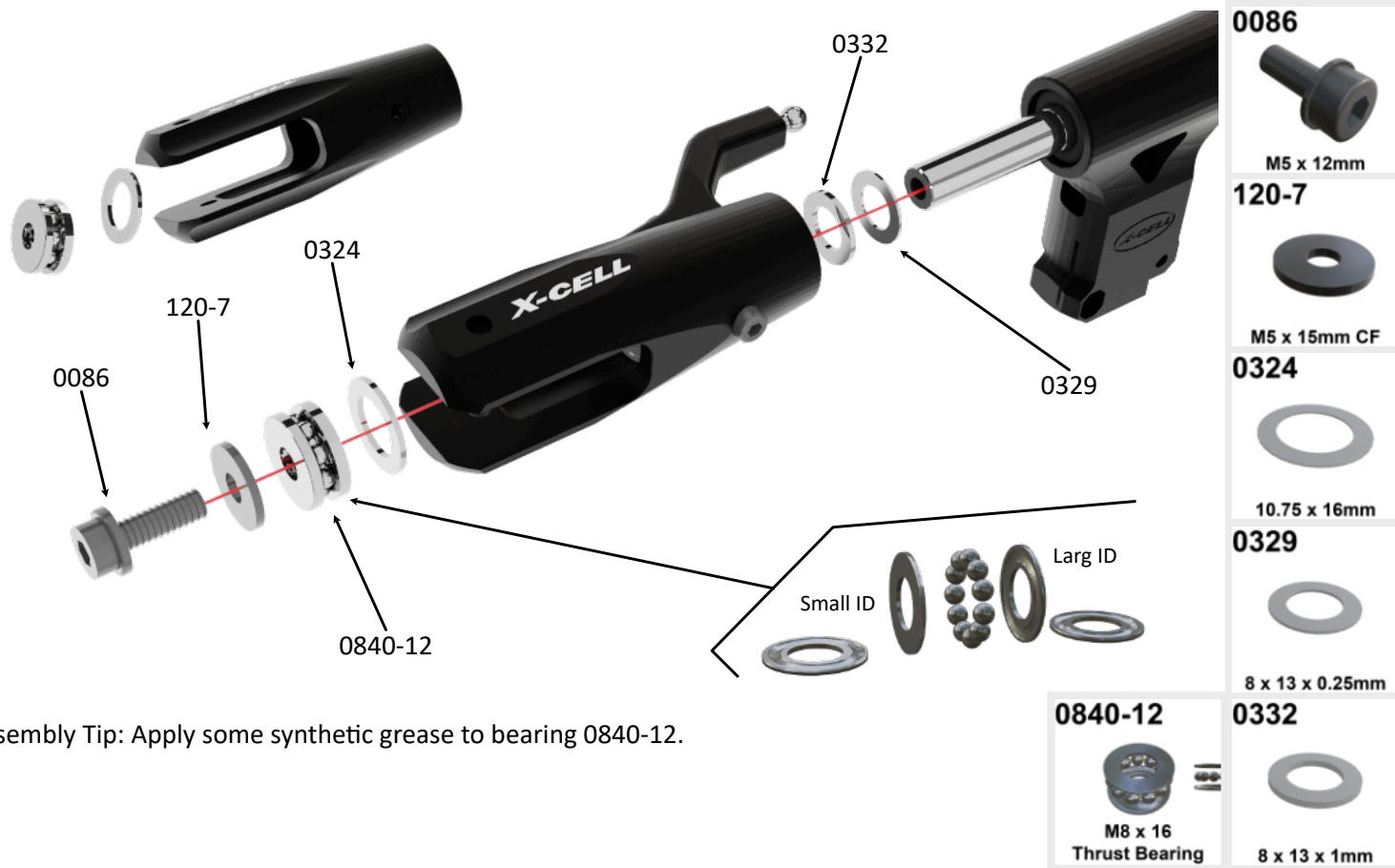
On the Fury it is very important to mount the threaded controll ball 19-20mm from the center of the servo spline.

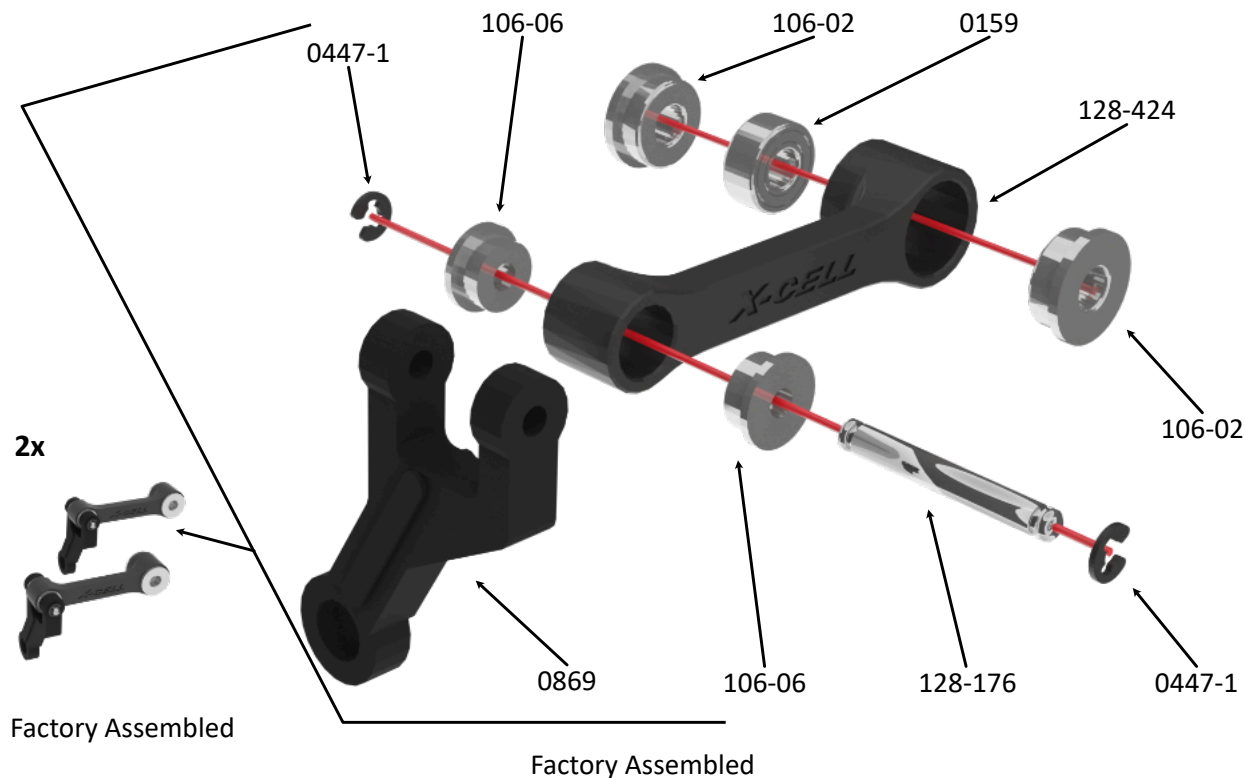


Assembly Tip: Apply some grease, vaseline or tallow to the o-rings and to the spindle shaft. The picture above shows a typical setup for dampening. If you do sport flying you can use two or three 80D o-rings on each side also.

FURY 57 SUPER N MANUAL







106-02



M3 x 7 x 3
Flanged Bearing

0159



M3 x 7 x 3
Ball Bearing

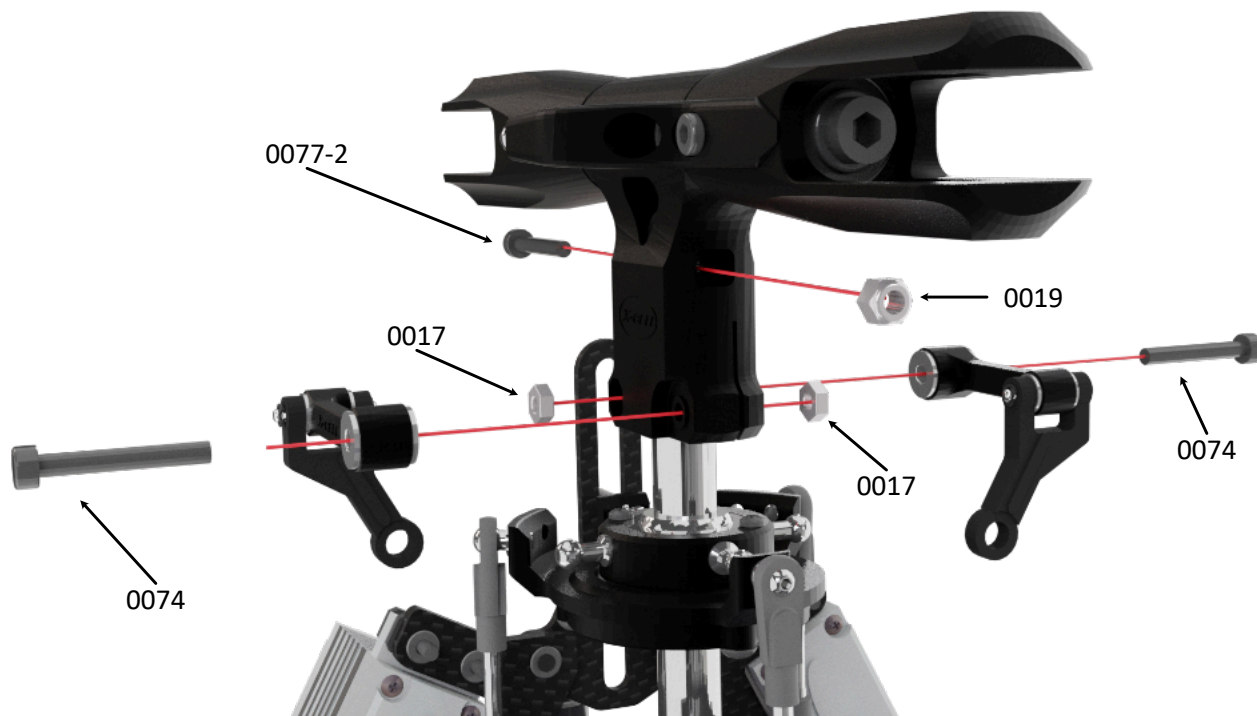
106-06



M2 x 5 x 1,5
Flanged Bearing



Apply a small amount
of medium thread lock
when threading into
metal parts.



0077-2



M3 x 23mm

0074



M3 x 22mm

0017



M3

0019

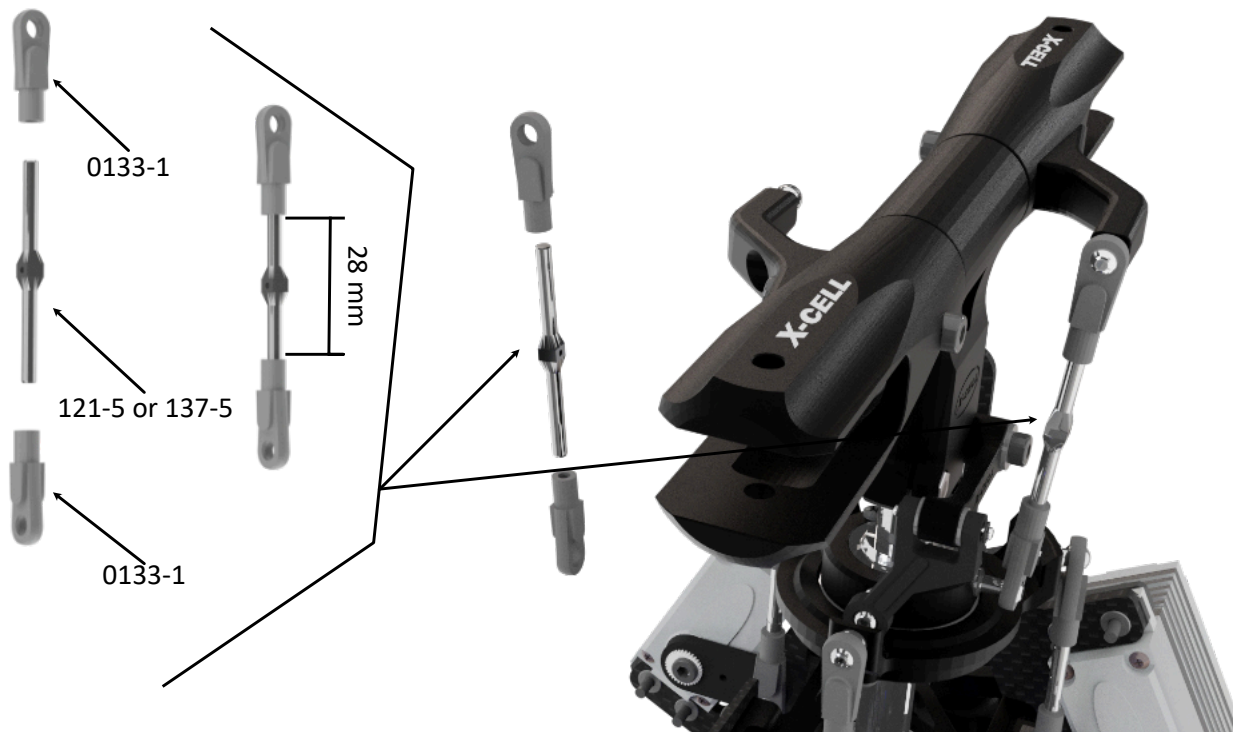


M3



Apply a small amount of medium thread lock when threading into metal parts.

Assembly Tip: Put head assembly on the main shaft and install screw 0077-2 first. Insert nuts 0017 and install follower arms. Don't forget to apply thread lock to the nuts. Carefully tighten screws 0074 interlaced. The width of the two gaps shall be identical.



0133-1

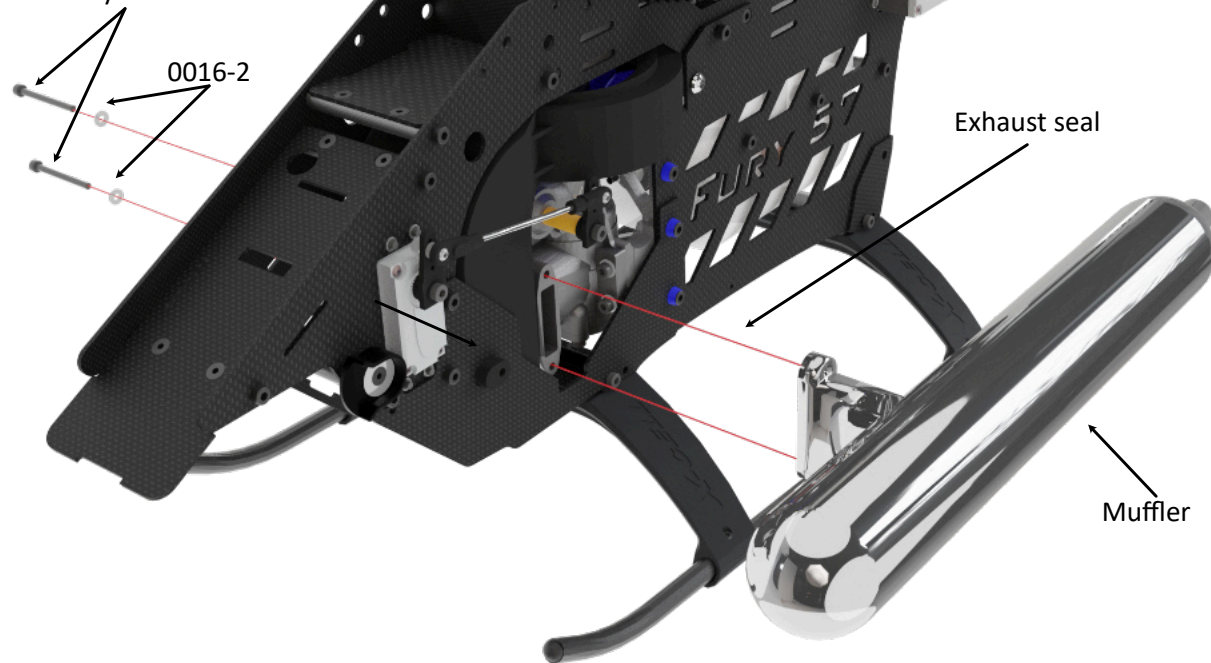


M3 x 21.2mm



Apply a small amount of medium thread lock when threading into metal parts.

Screws and swasher
include by the Muffler



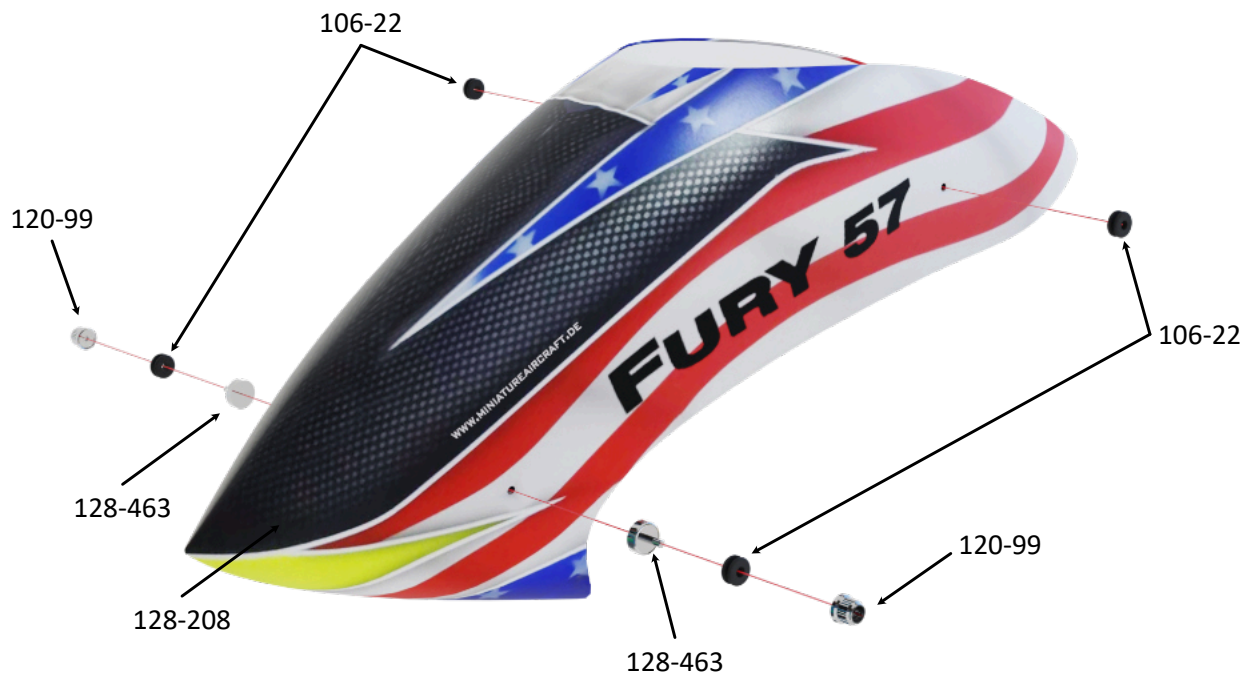
0016-2



M4



Apply a small amount
of medium thread lock
when threading into
metal parts.



106-22



M5 x 11mm

128-463



Magnet

120-99

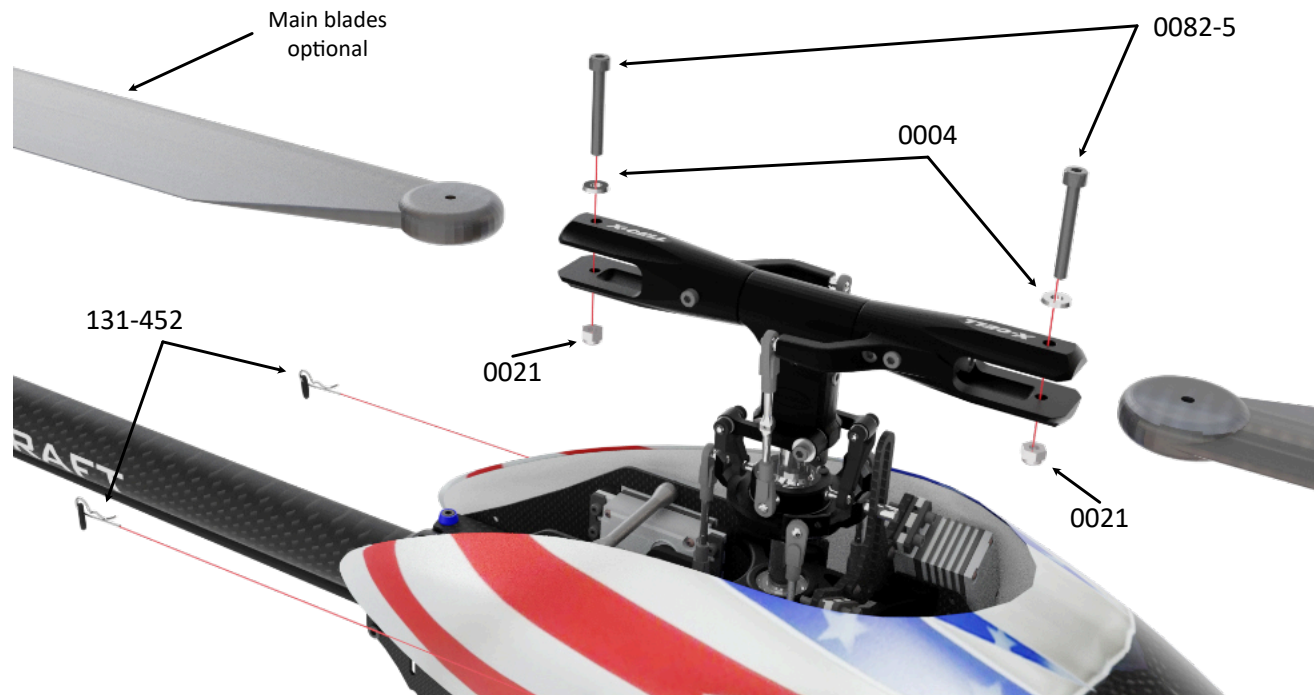


Canopy Knobs



Apply a small amount of medium thread lock when threading in to metal parts.

Assembly Tip: Apply a small amount of medium thread lock when threading in to metall parts.



0004



M4

0021



M4

0082-5



M4 x 30mm

131-452



RC Clip