

MANUAL FOR THE INTERCEPTOR



INTERCEPTOR

Kit Introduction

Thank you for purchasing the X-Cell Interceptor 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 Interceptor 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

Kit Assembly

Your Interceptor 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:

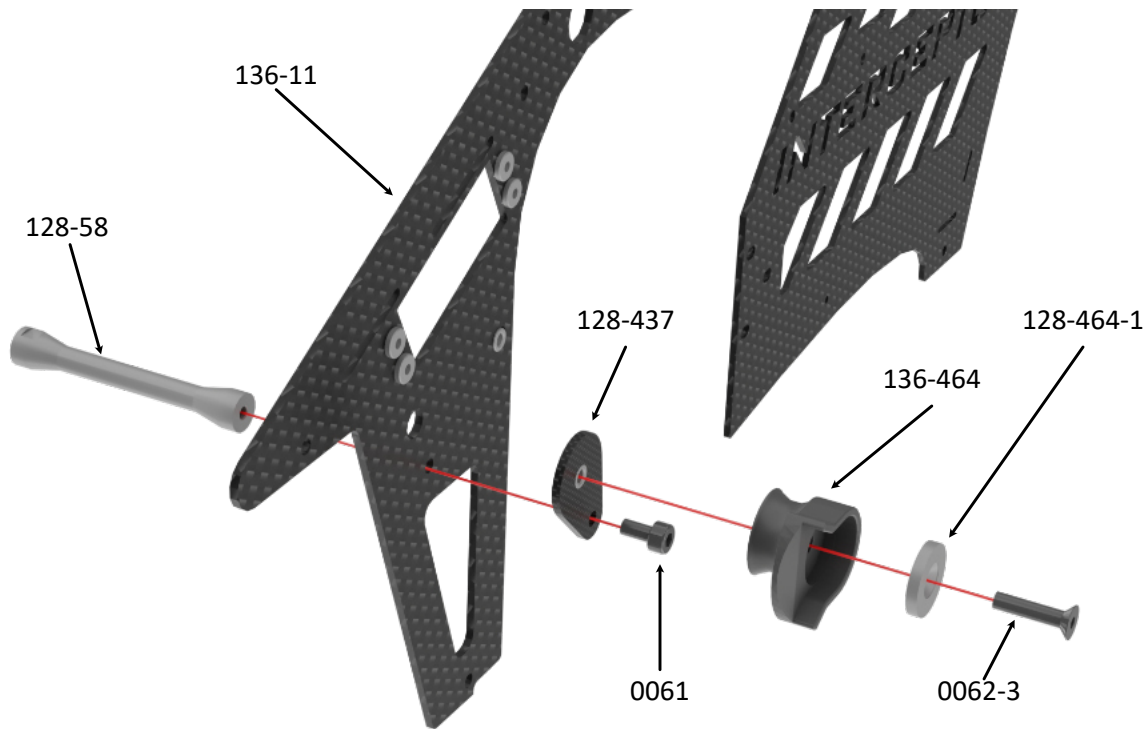
The X-Cell Interceptor is an airframe kit. To complete the model, several other items are required but are not included with the kit. There are many choices for these other required components, and any competent hobby retailer with RC helicopter experience will be happy to make suggestions. You will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



- Engine, OS 15HZII Gasser.
- 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

Important Assembly Tips

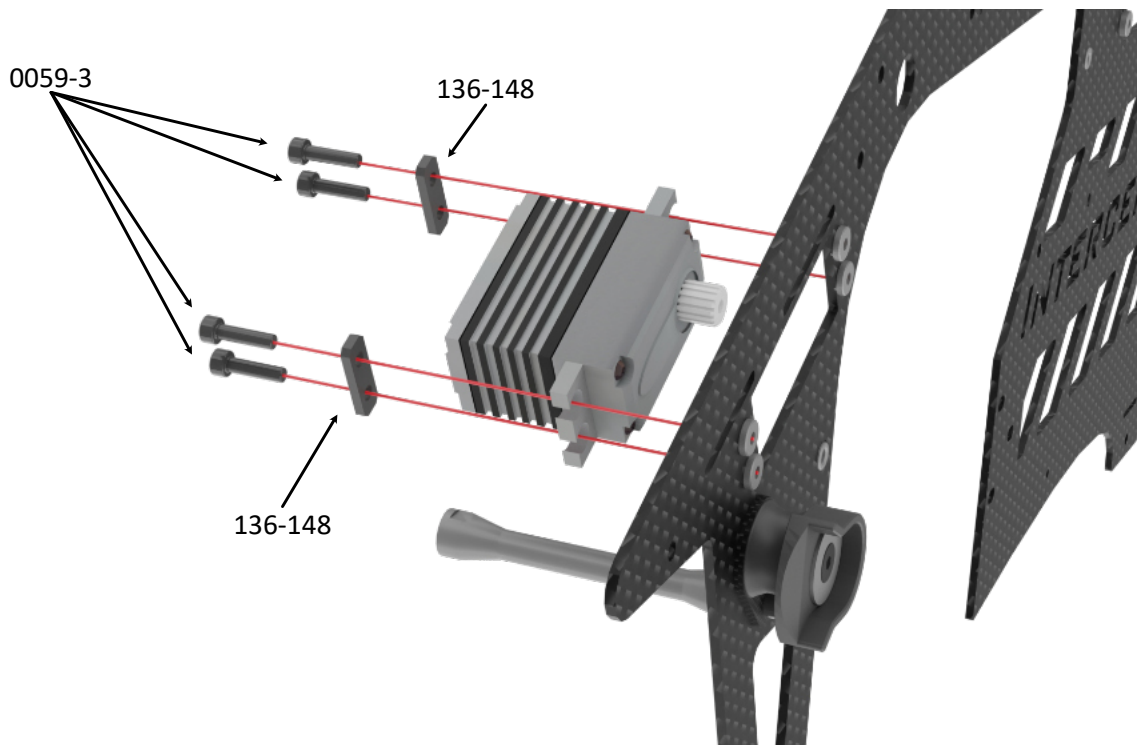
PLEASE READ

- 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
0062-3

M3 x 14mm

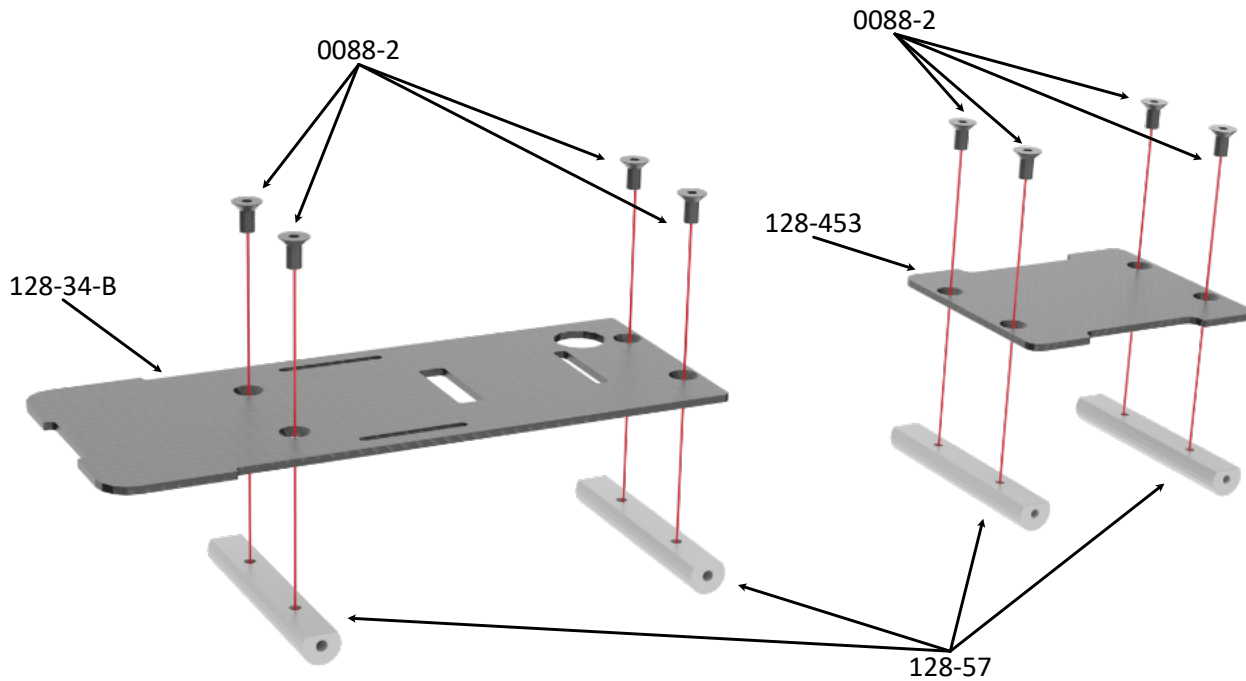
Assembly Tip: Align the opening of part 136-464 to the front of the helicopter.



Servo can also be mounted later.



INTERCEPTOR MANUAL



0088-2

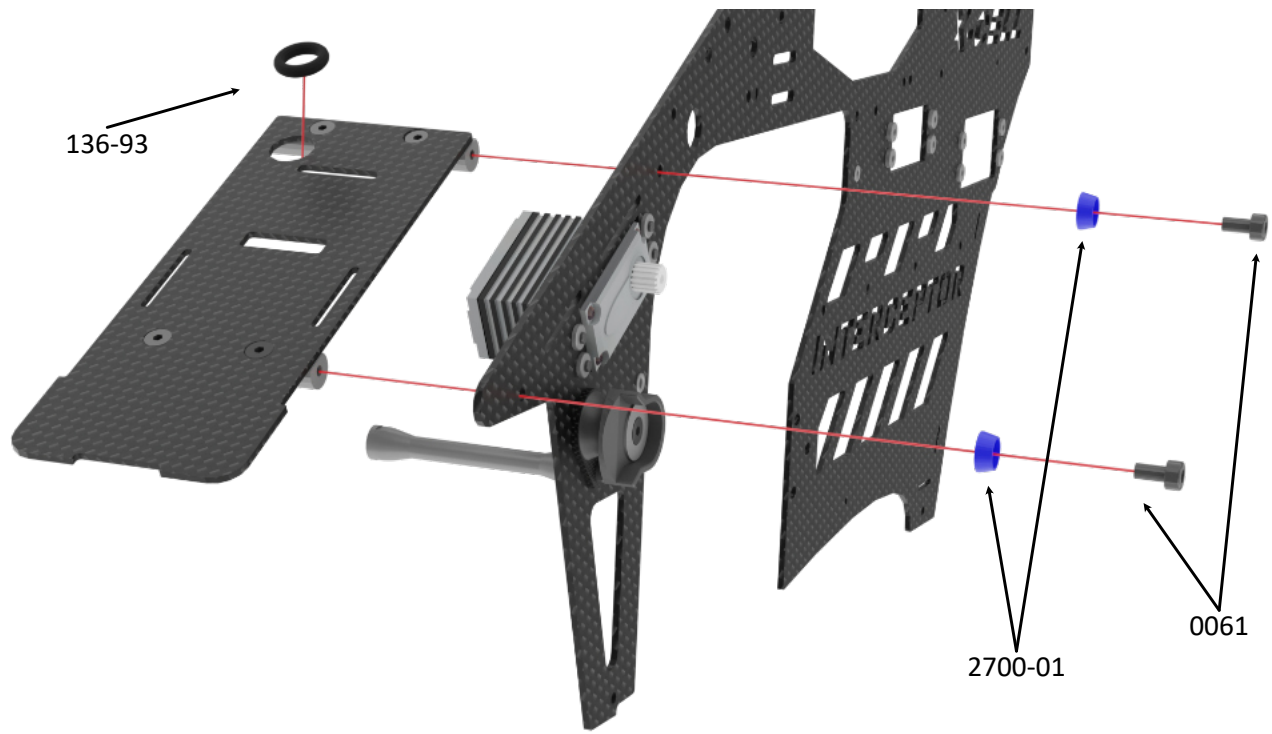


M3 x 6mm

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



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




136-93

2700-01


0061

0061




M3 x 8mm

2700-01

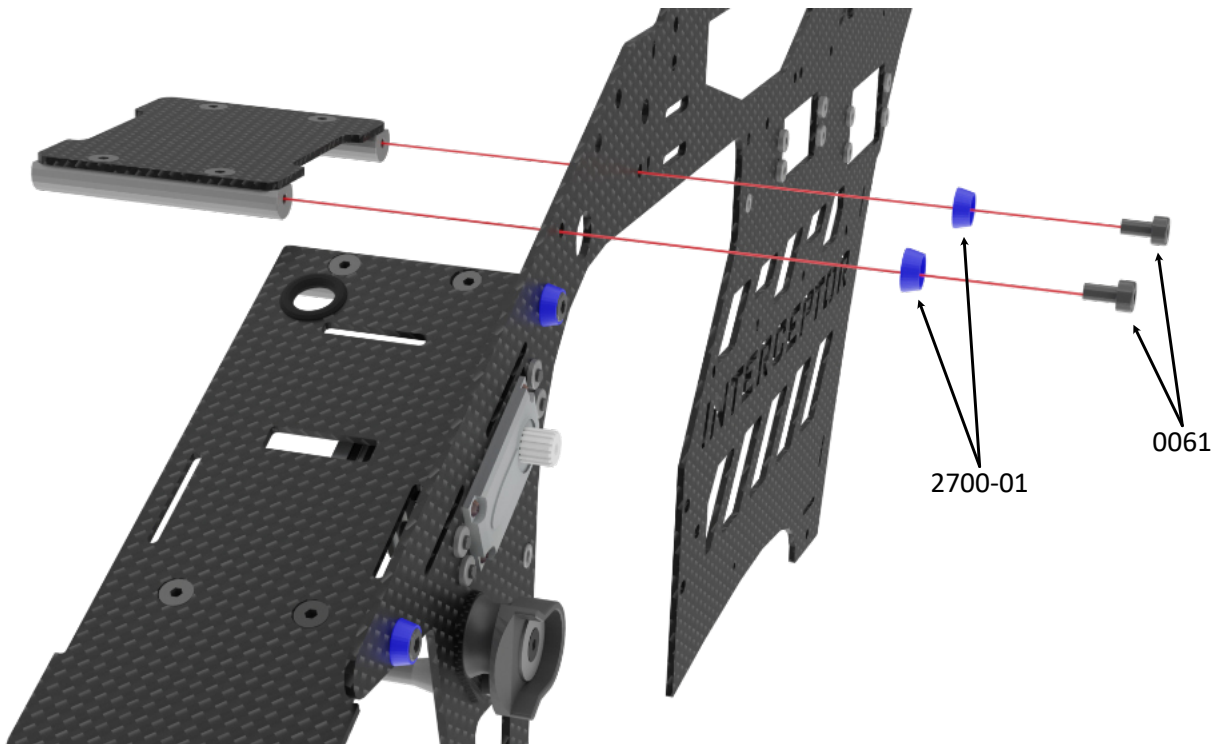


M3 (blue)



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

The caps (2700-01) are also available in red and green.



0061



M3 x 8mm

2700-01



M3 (blue)

0061

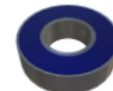
2700-01

The caps (2700-01) are also available in red and green.



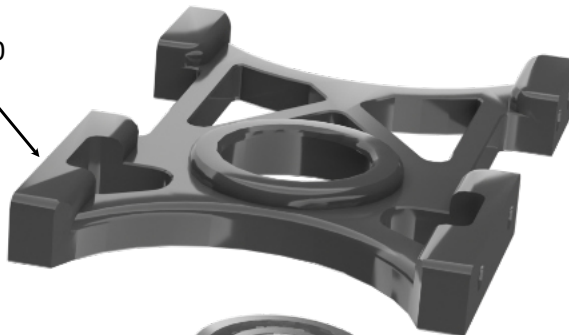
Apply a small amount of medium thread lock when threading into metal parts.

122-47

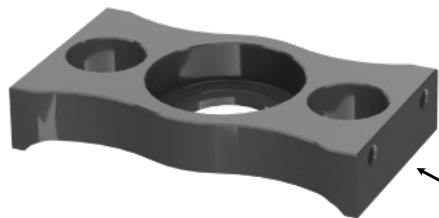
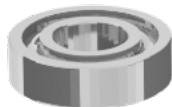


M10 x 22 x 6
Sealed Bearing

136-40

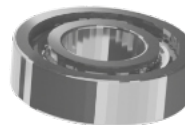


122-47



136-41

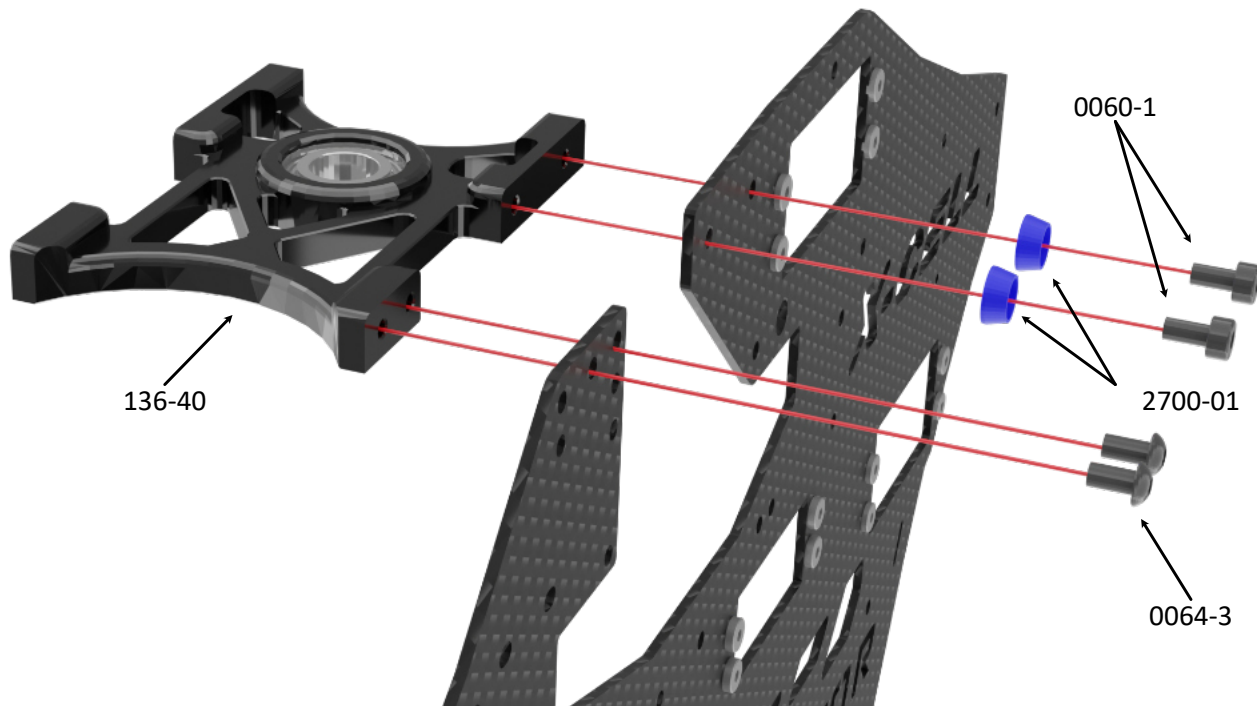
122-47



Factory Assembled

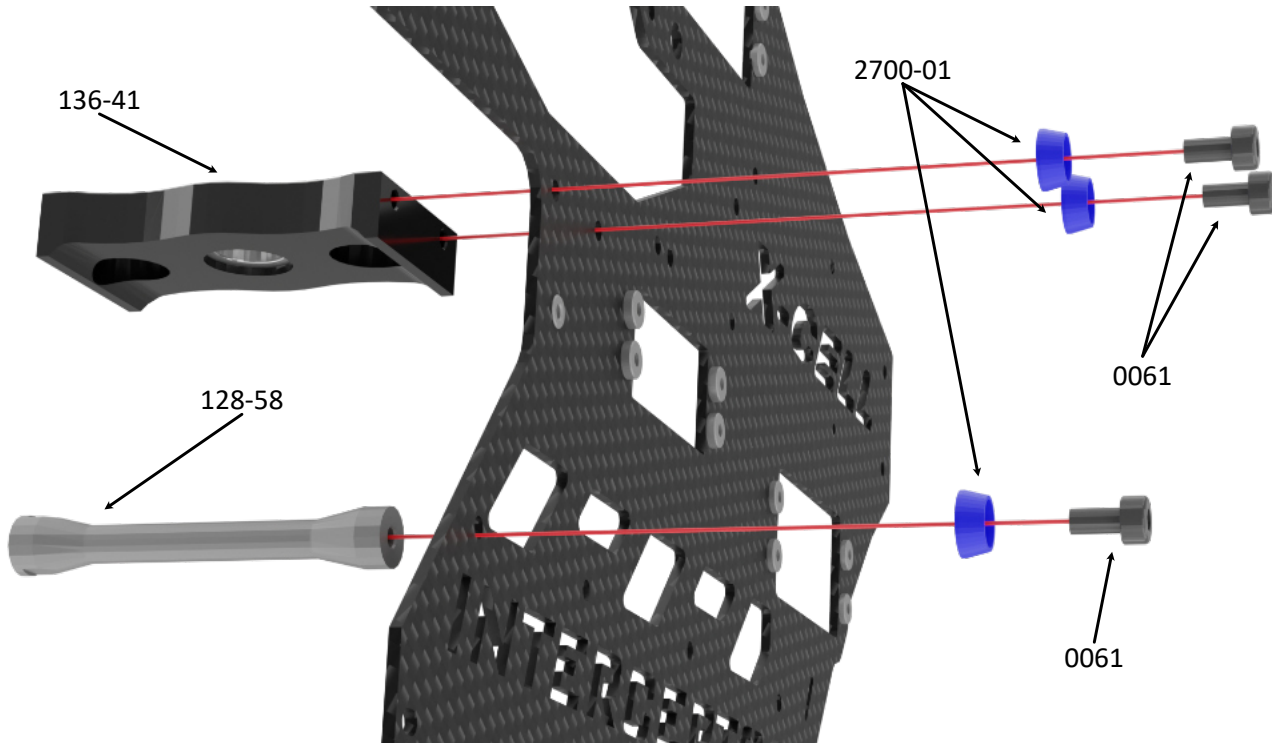





Apply a small amount
of medium thread lock
when threading into
metal parts.



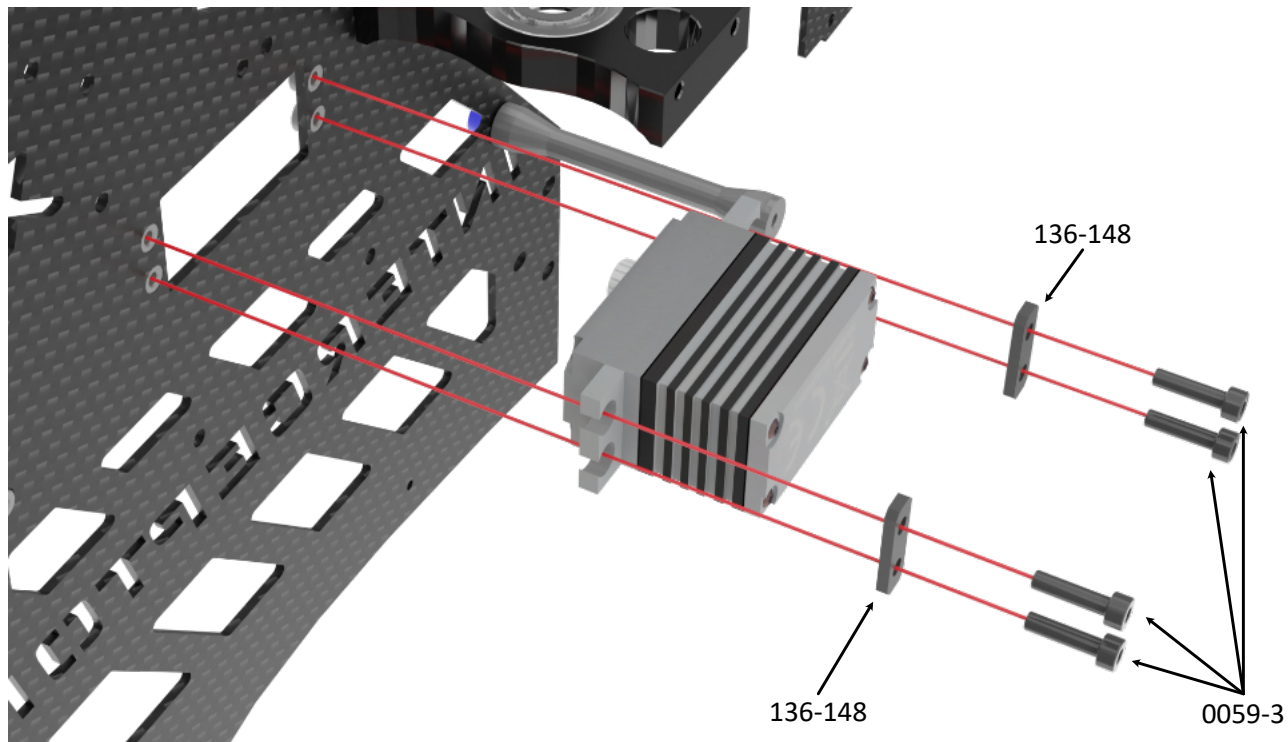
0060-1  M3 x 6mm
0064-3  M3 x 6mm
2700-01  M3 (blue)
 Apply a small amount of medium thread lock when threading into metal parts.

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



0061

M3 x 8mm
2700-01

M3 (blue)

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

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



Servo can also be mounted later.

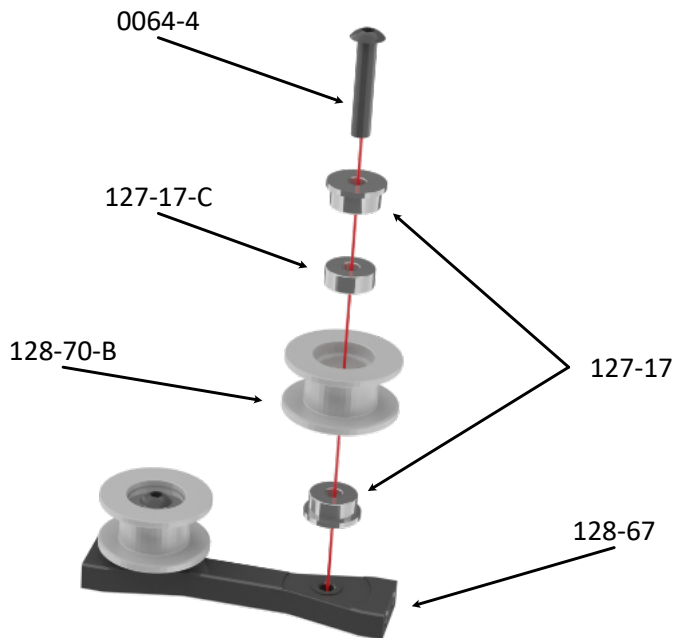
0059-3



M2.5 x 10mm



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

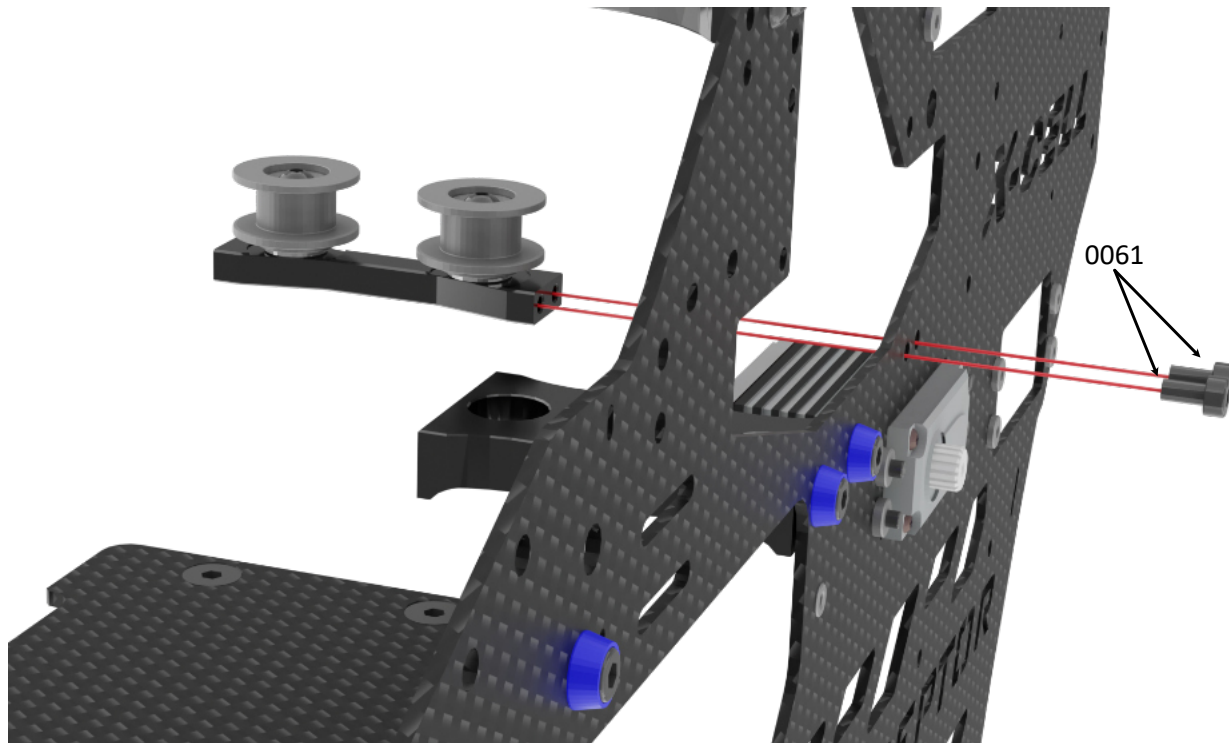


M3 x 8 x 53
Ball Bearing

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



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



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

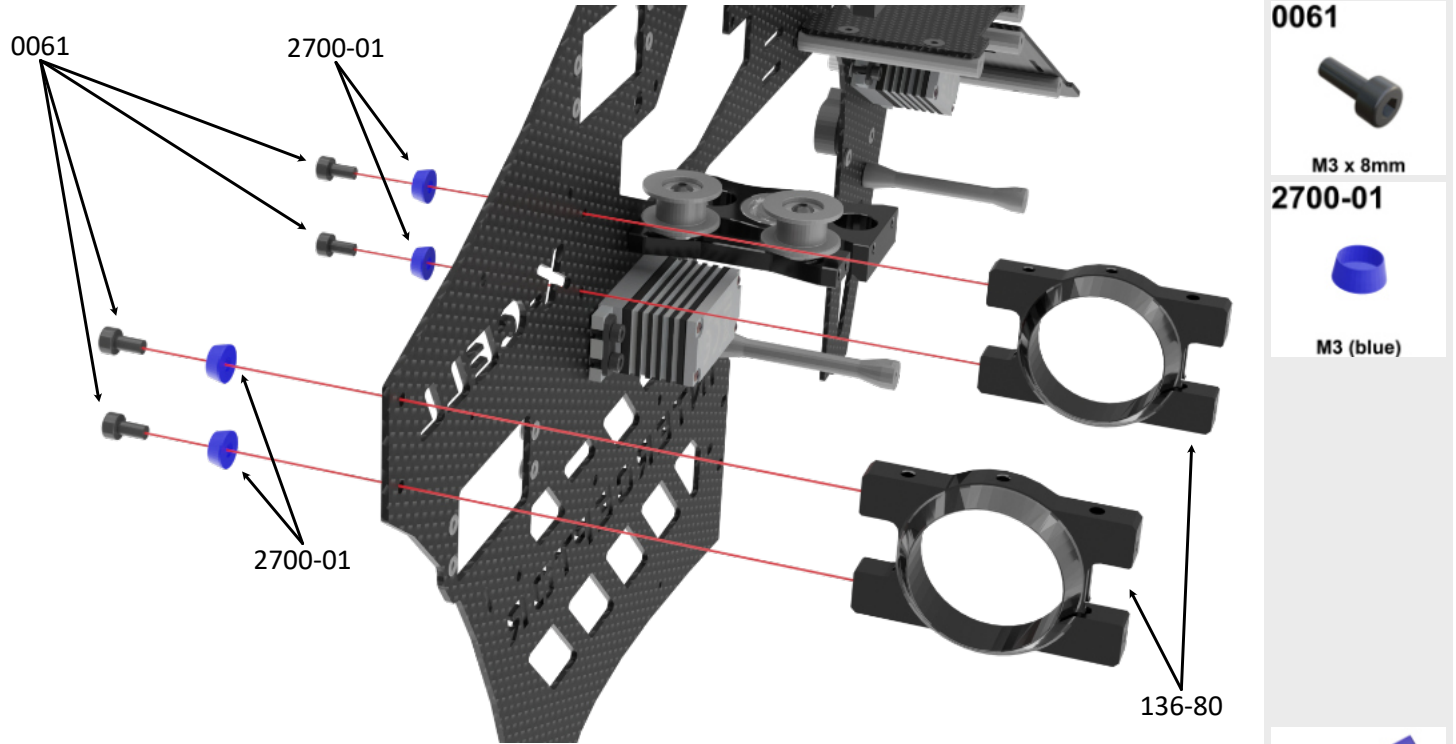
0061



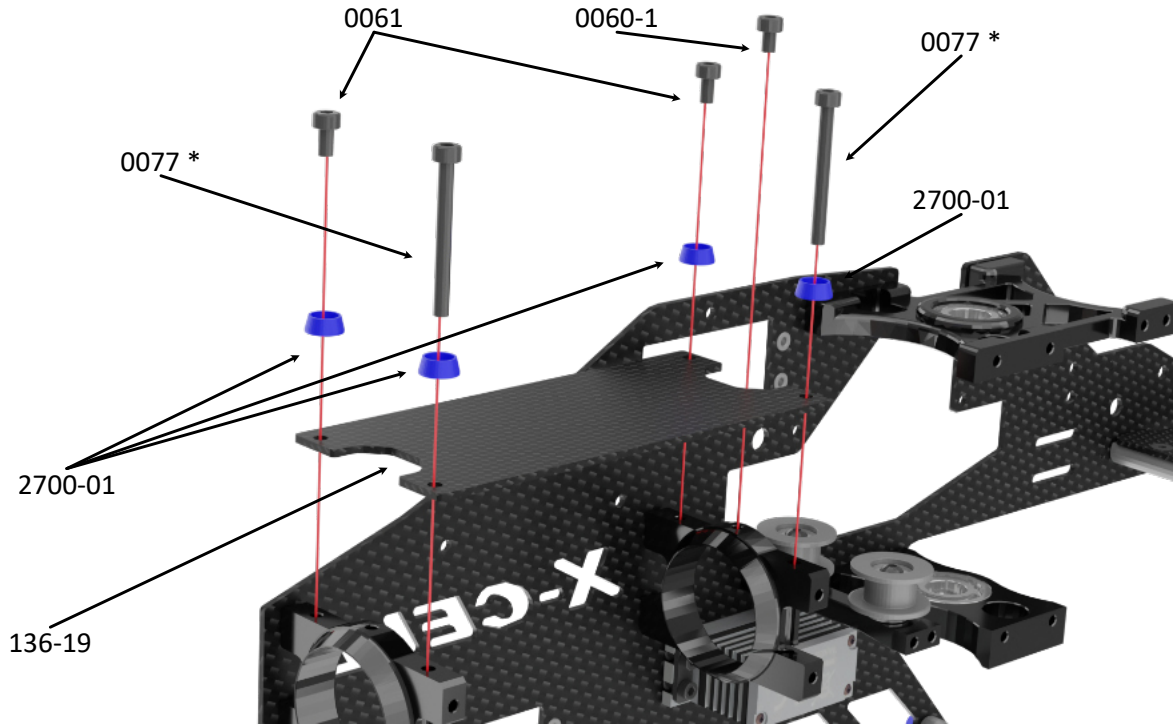
M3 x 8mm



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

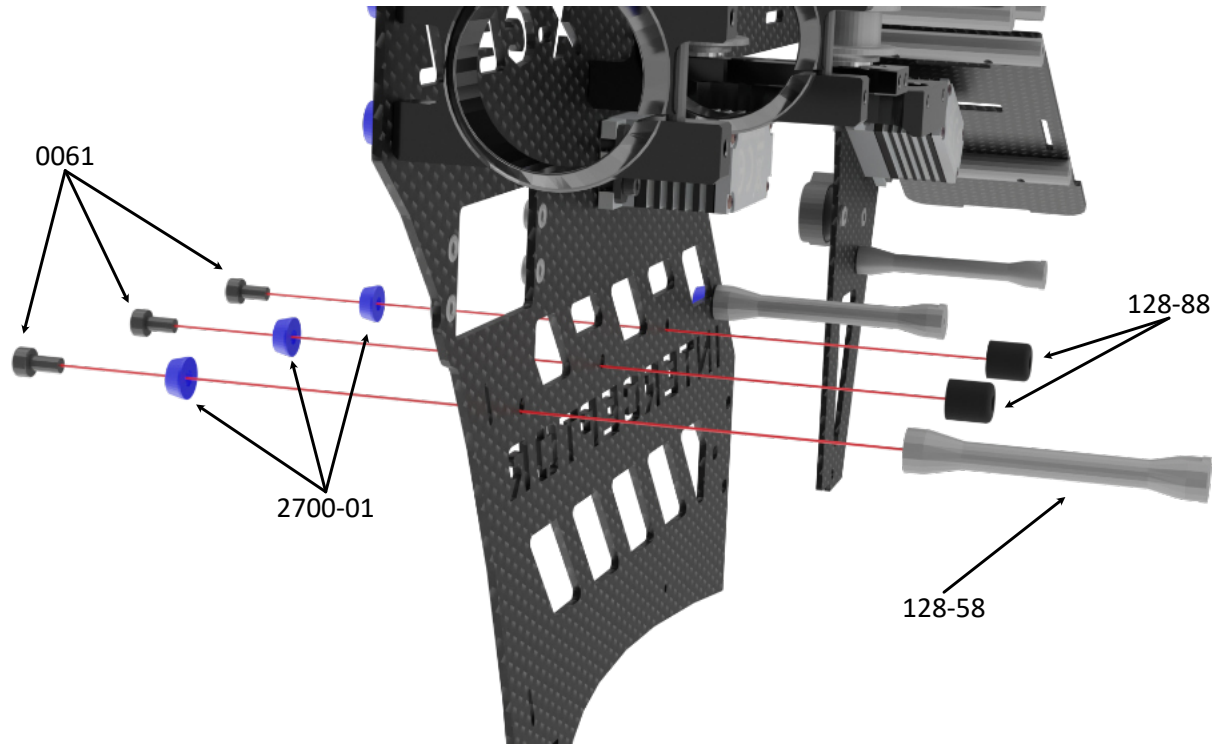


Assembly Tip: Apply a small amount of medium thread lock when threading in to metall parts.




* NOTE: 0077 BOLTS ARE NOT TIGHT AT THIS TIME.

<p>0060-1</p>  <p>M3 x 6mm</p>
<p>0061</p>  <p>M3 x 8mm</p>
<p>0077</p>  <p>M3 x 30mm</p>
<p>2700-01</p>  <p>M3 (blue)</p>
 <p>Apply a small amount of medium thread lock when threading into metal parts.</p>




0061




M3 x 8mm

2700-01

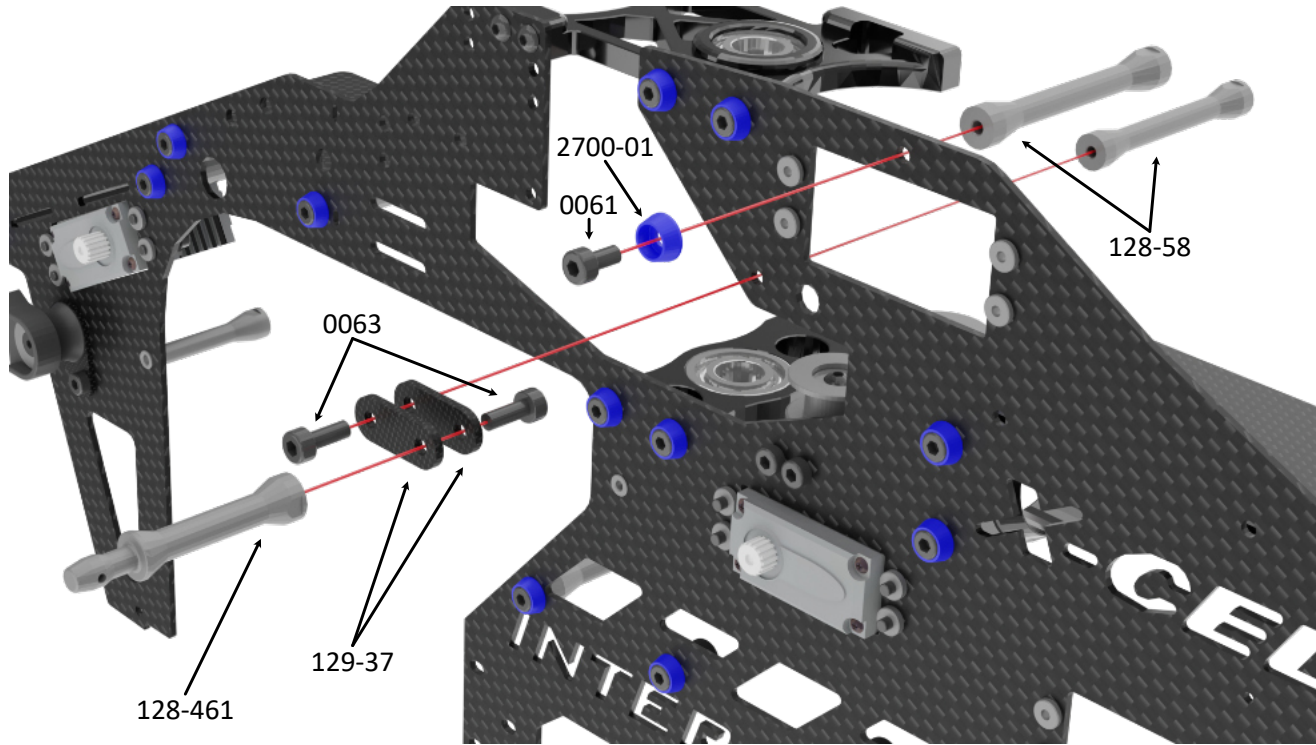


M3 (blue)



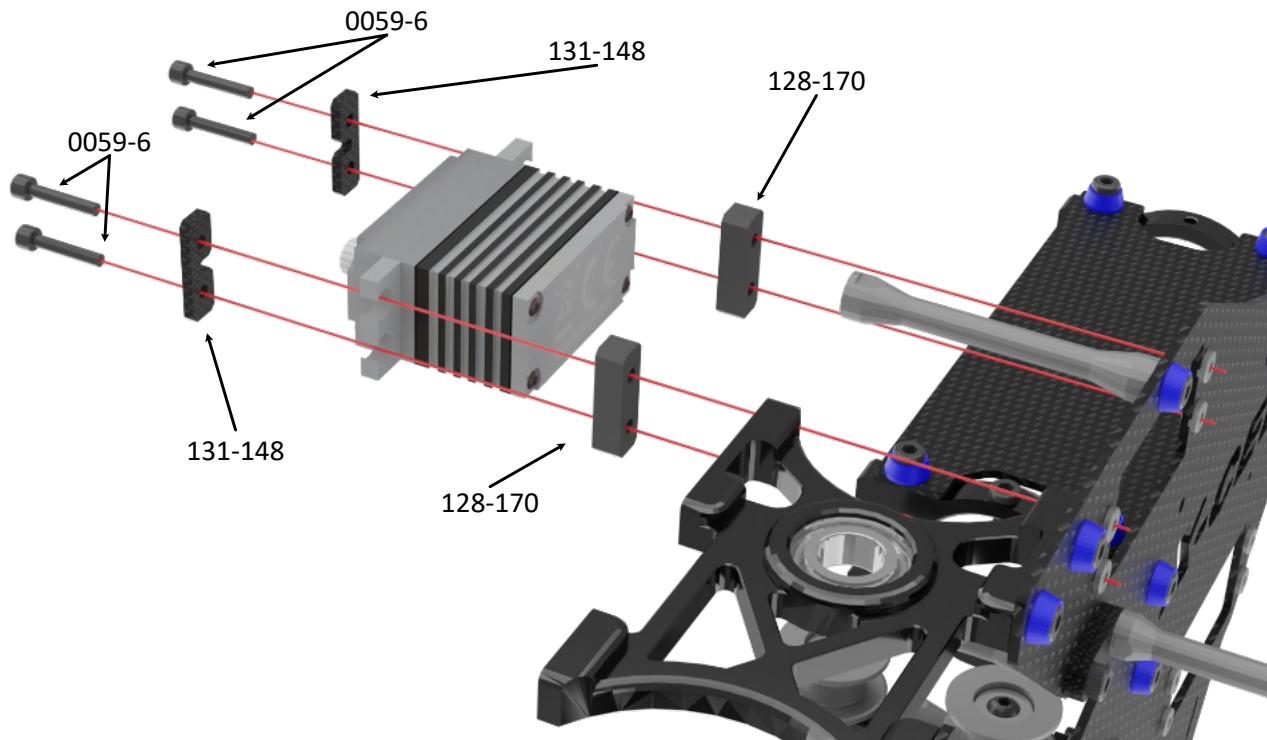
Apply a small amount of medium thread lock when threading into metal parts.

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



0061
M3 x 8mm
0063
M3 x 10mm
2700-01
M3 (blue)
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.



Servo can also be mounted later.

0059-6

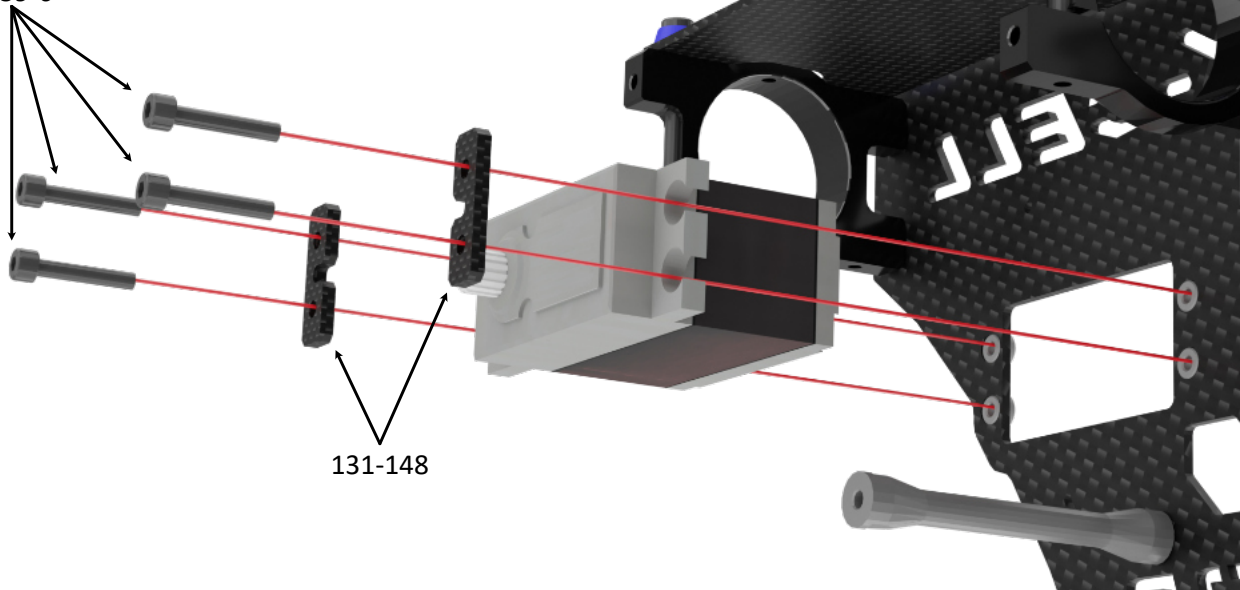


M2.5 x 16mm



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

0059-6



131-148

0059-6

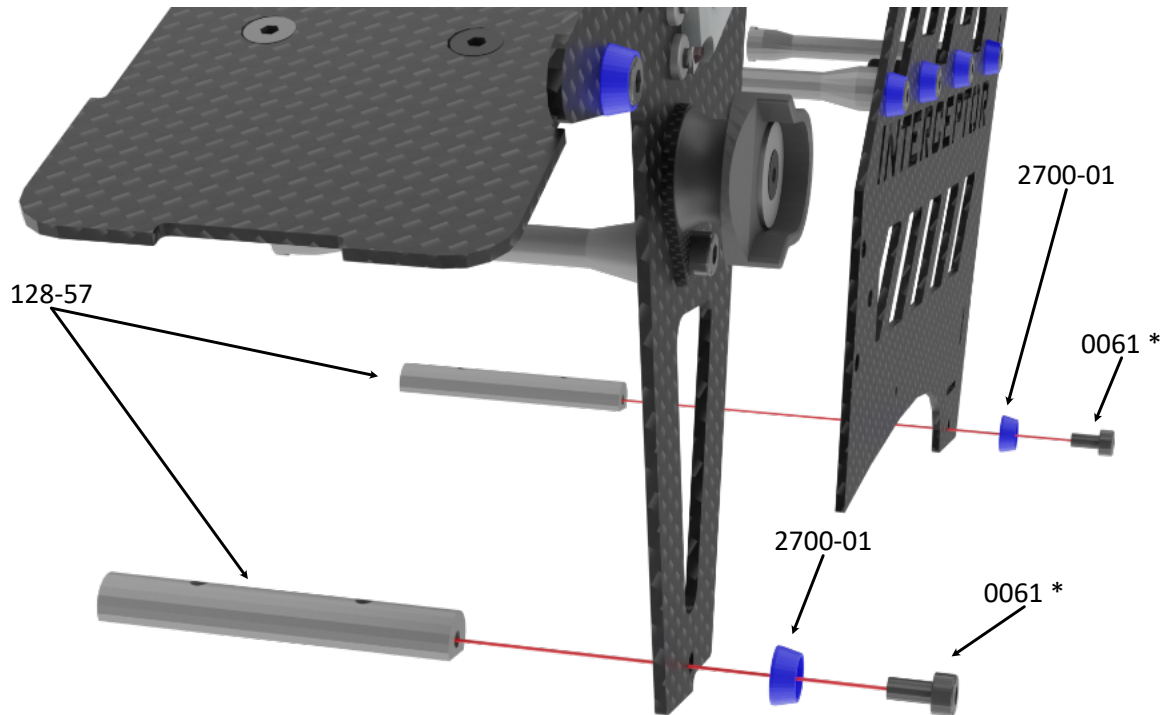


M2.5 x 16mm

Tail Servo can also be mounted later.



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



* NOTE: 0061 BOLTS ARE NOT TIGHT AT THIS TIME.

0061



M3 x 8mm

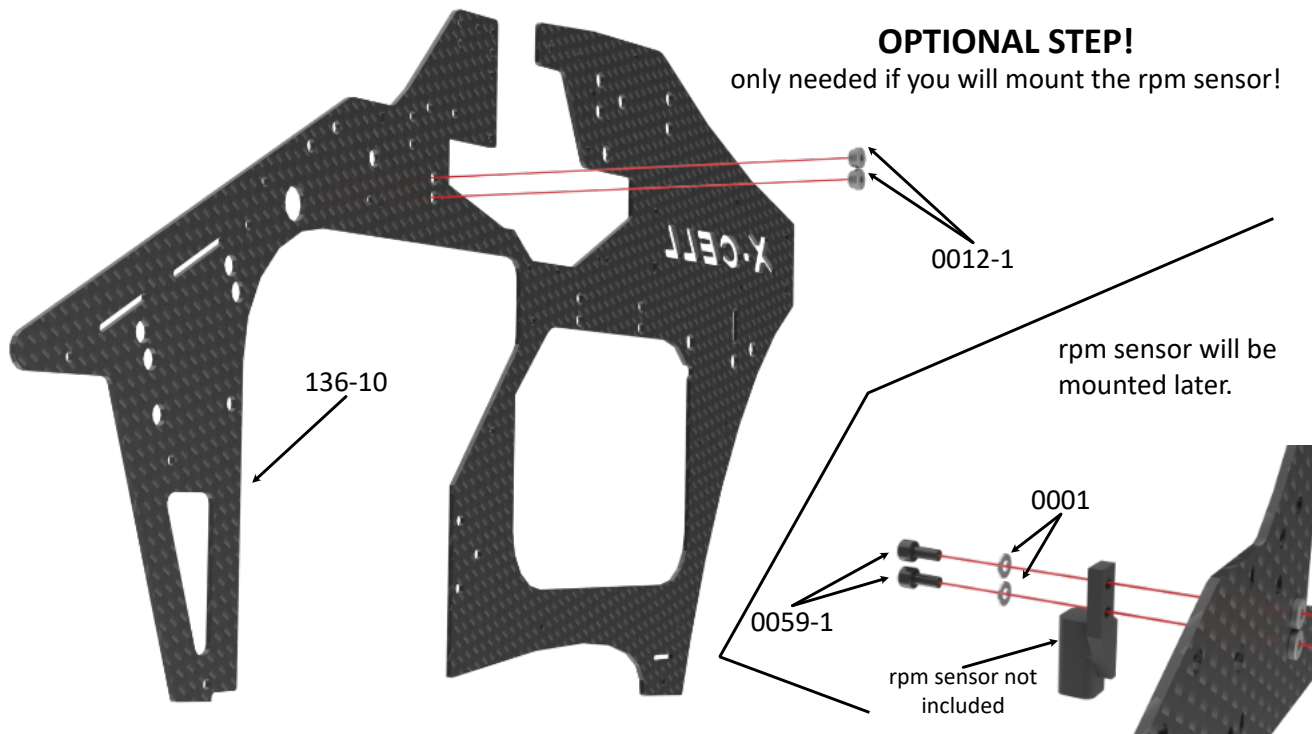
2700-01



M3 (blue)



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



0059-1



M2.5 x 6mm

0001



M2

OPTIONAL STEP!

only needed if you will mount the rpm sensor!

rpm sensor will be mounted later.

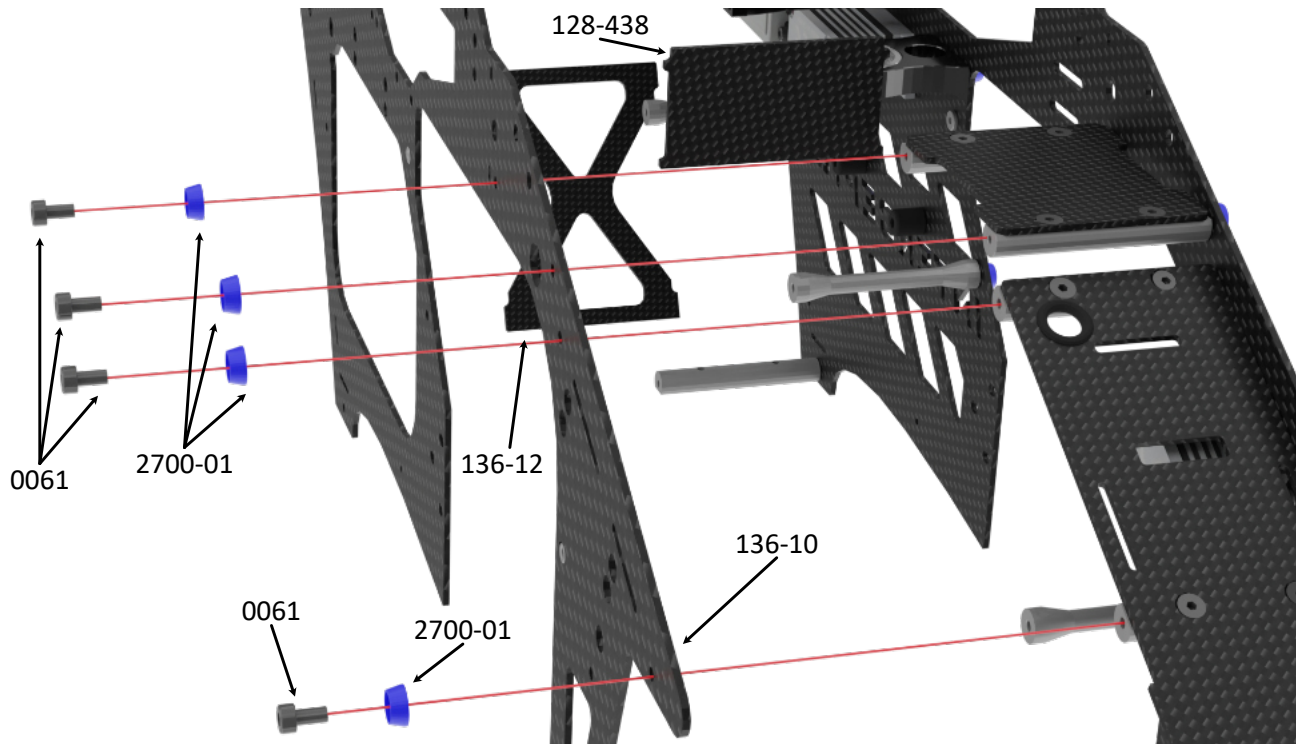
rpm sensor not included

It is recommended to use a governor.
To install a rpm sensor press in the pem nut inserts into the right frame.

The rpm sensor will be mounted later.



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



0061



M3 x 8mm

2700-01

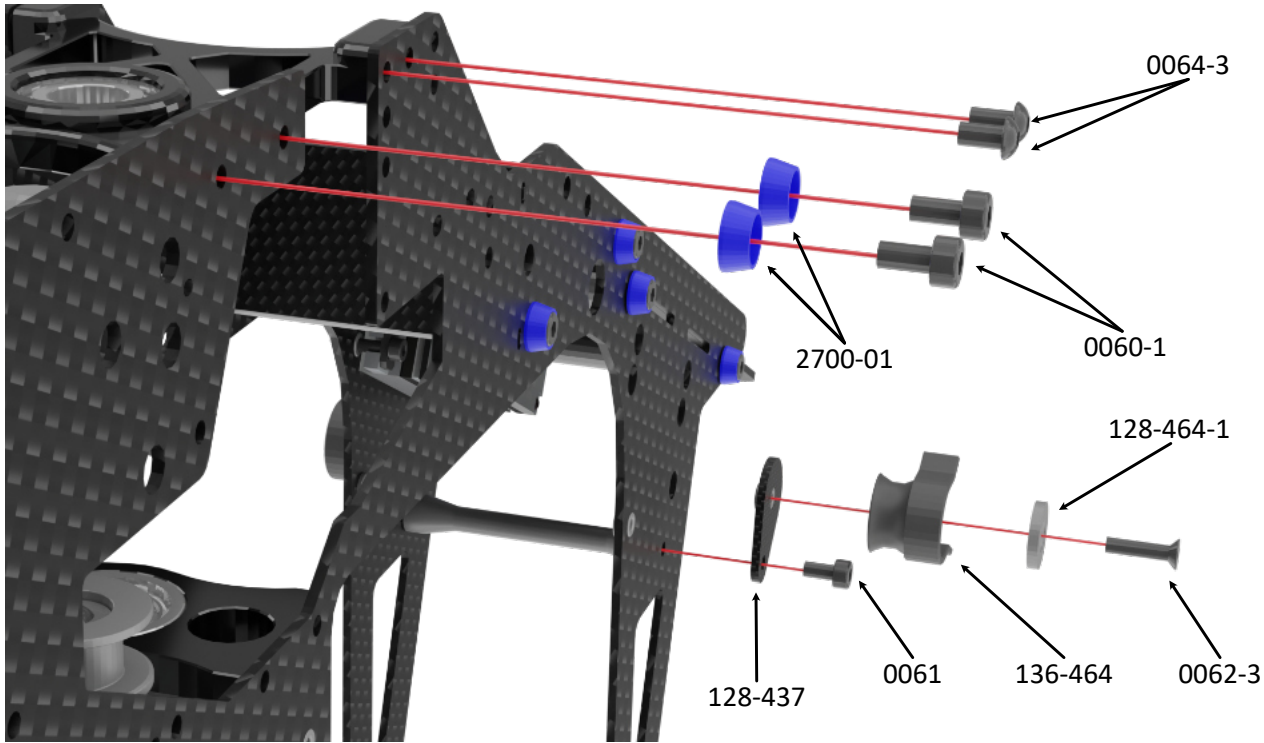


M3 (blue)

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

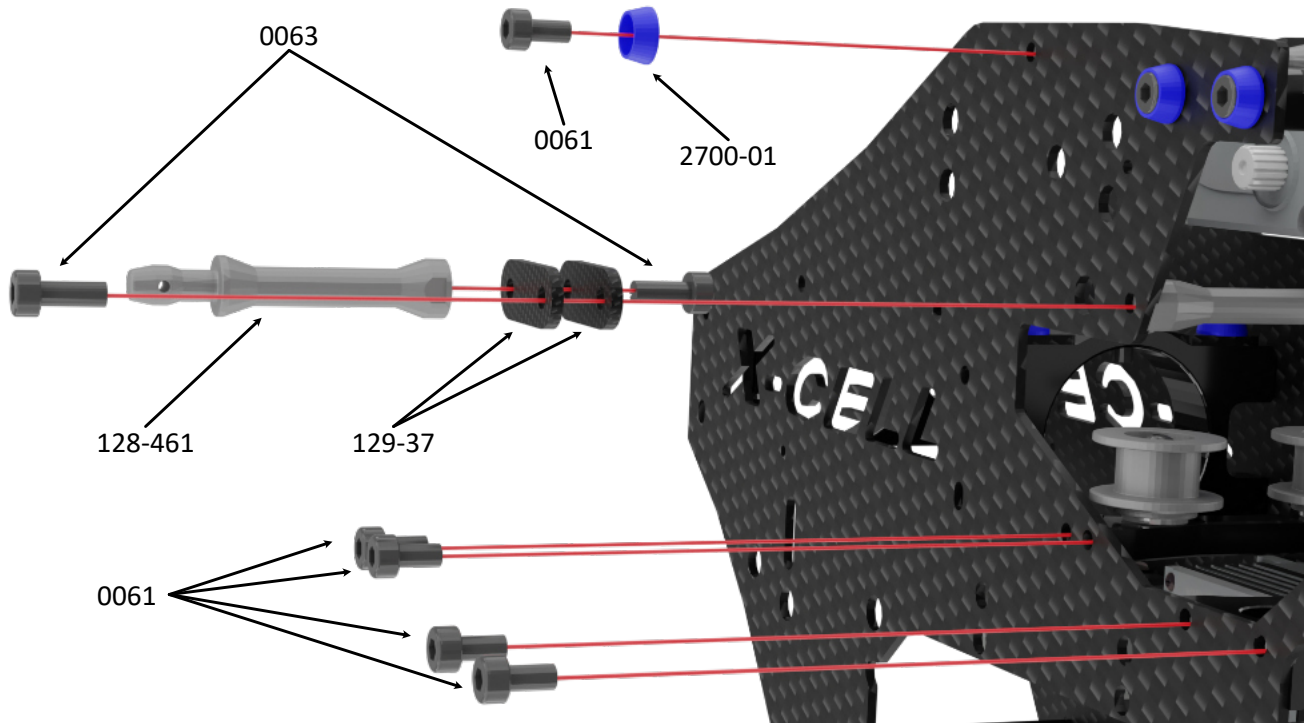


Apply a small amount of medium thread lock when threading into metal parts.



0060-1	
	M3 x 6mm
0061	
	M3 x 8mm
0062-3	
	M3 x 14mm
0064-3	
	M3 x 6mm
2700-01	
	M3 (blue)

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



0061

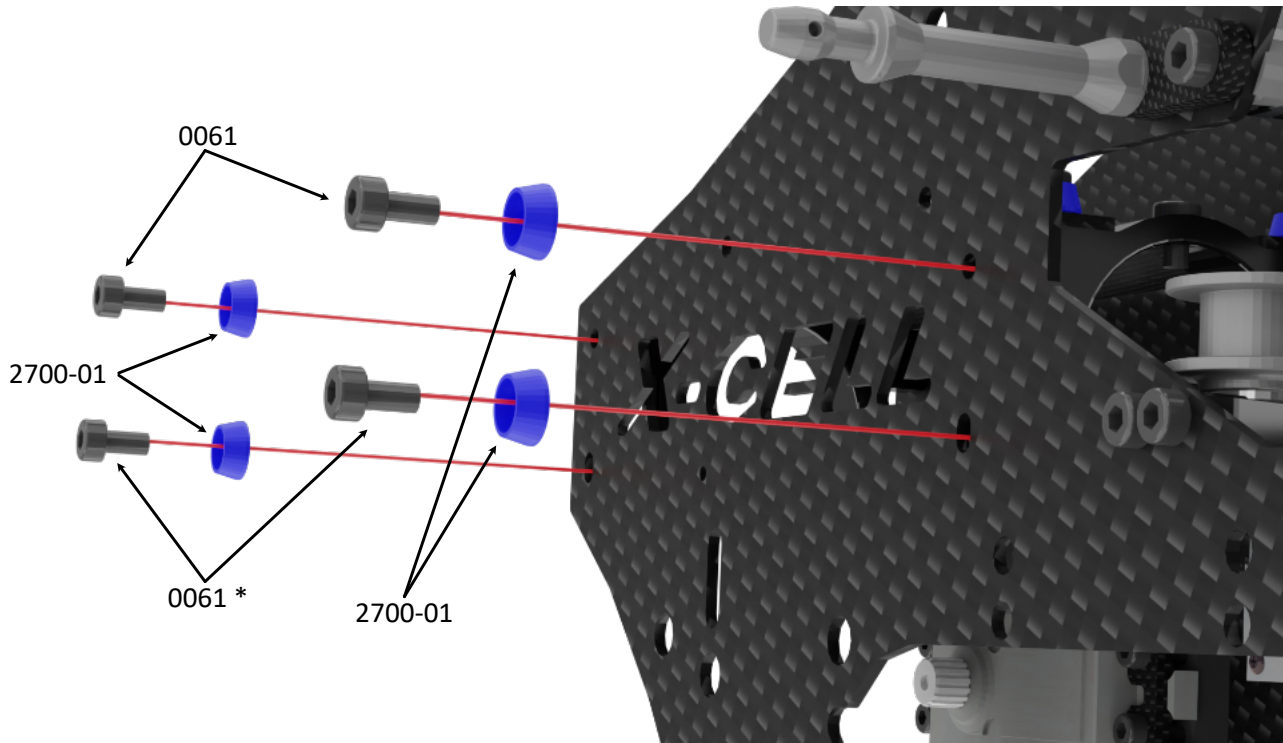
M3 x 8mm
0063

M3 x 10mm
2700-01

M3 (blue)

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

2700-01

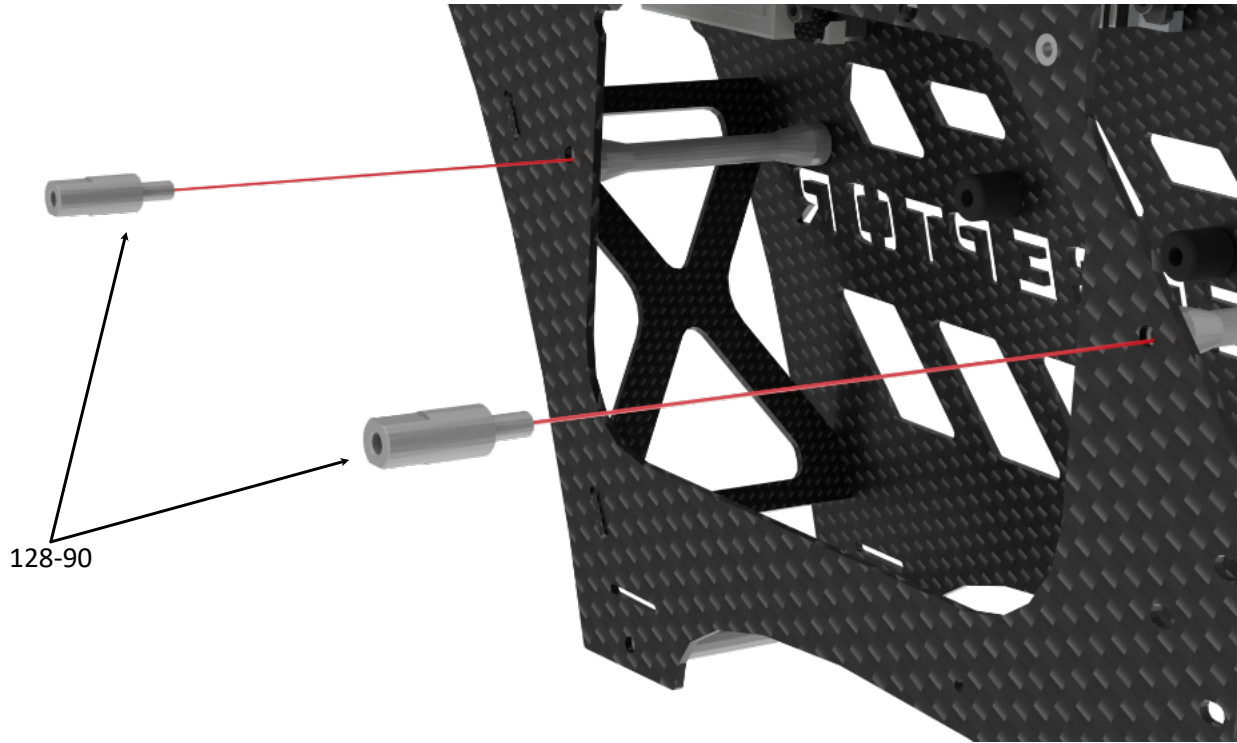


M3 (blue)

* NOTE: 0061 BOLTS ARE NOT TIGHT AT THIS TIME. Remove later to install boom if necessary.



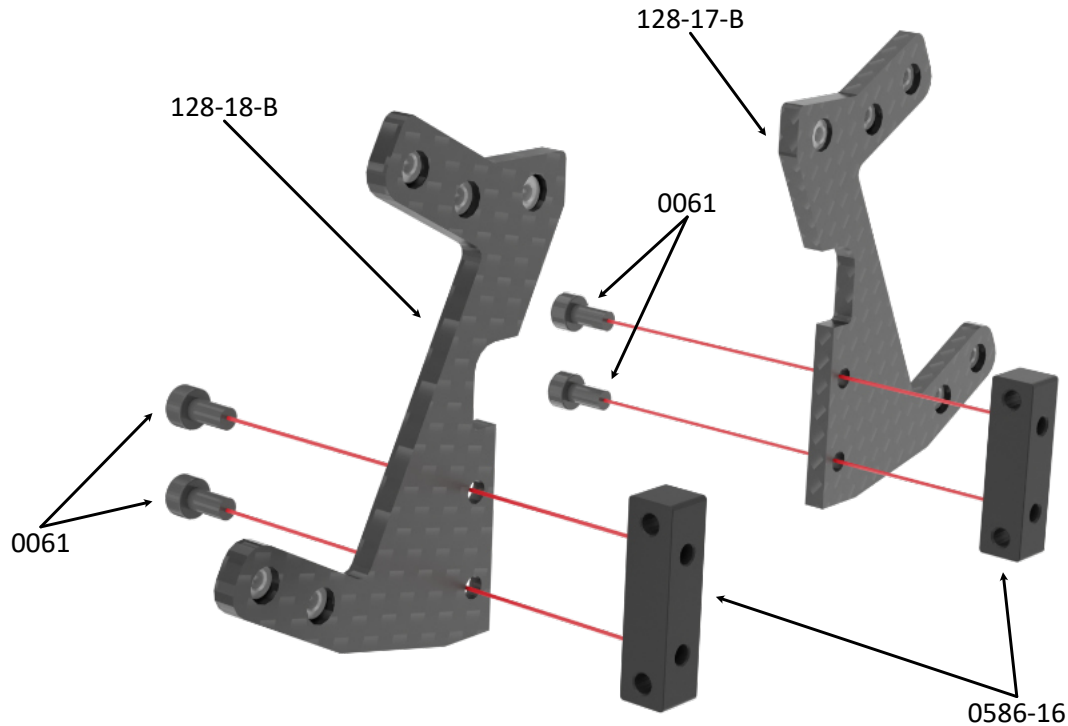
Apply a small amount of medium thread lock when threading into metal parts.



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



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



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.

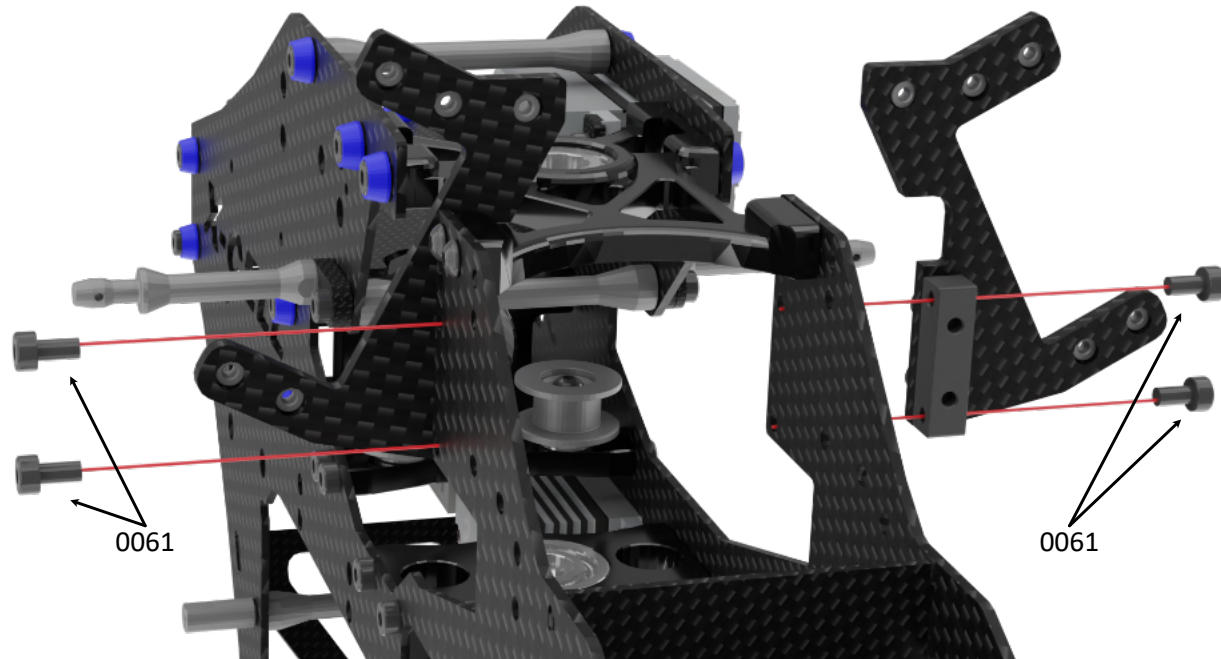
0061



M3 x 8mm



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



0061

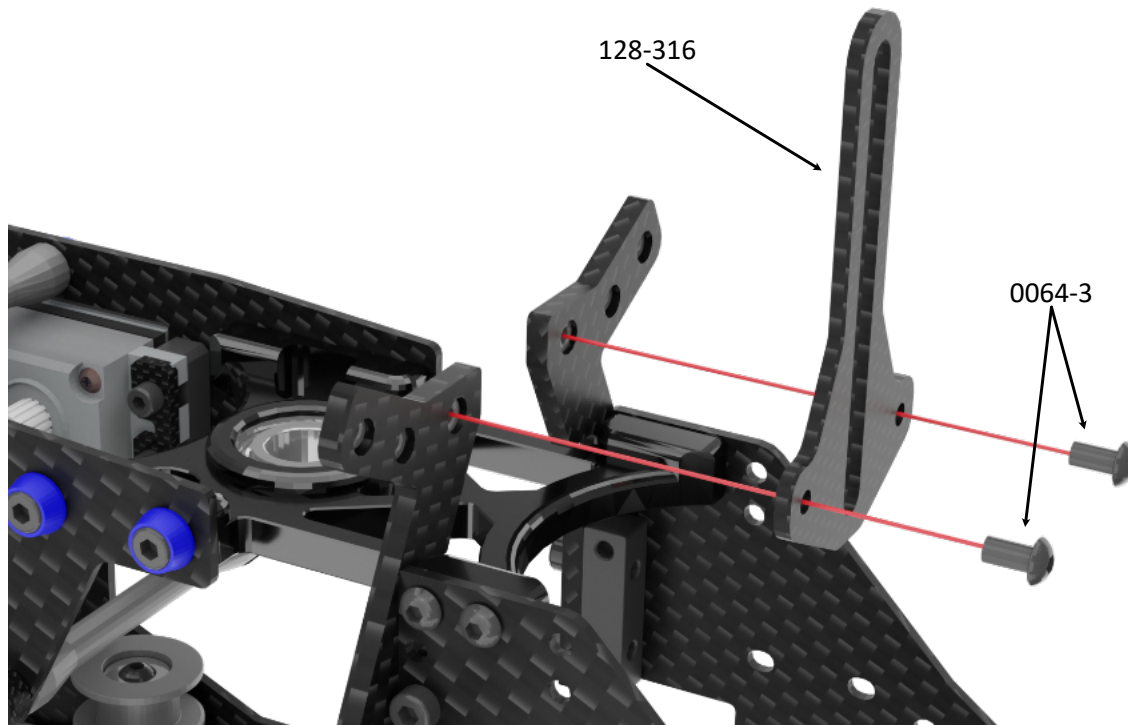


M3 x 8mm

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

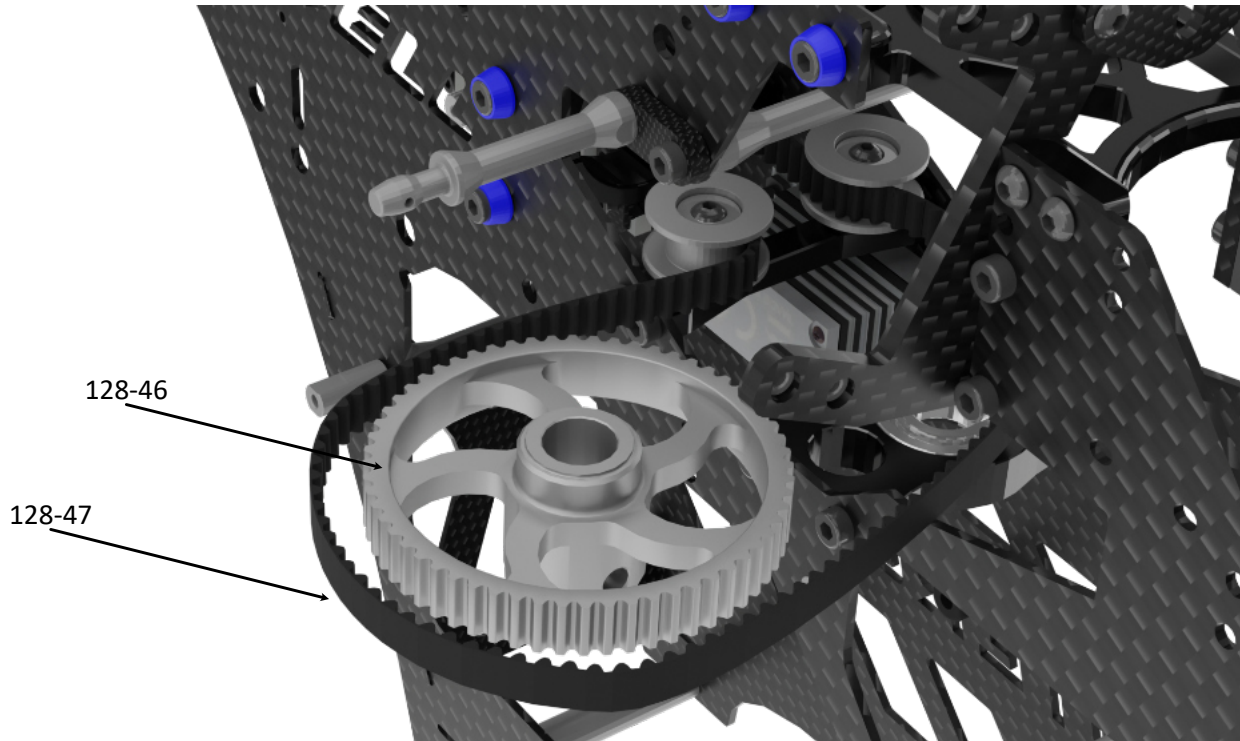
0064-3



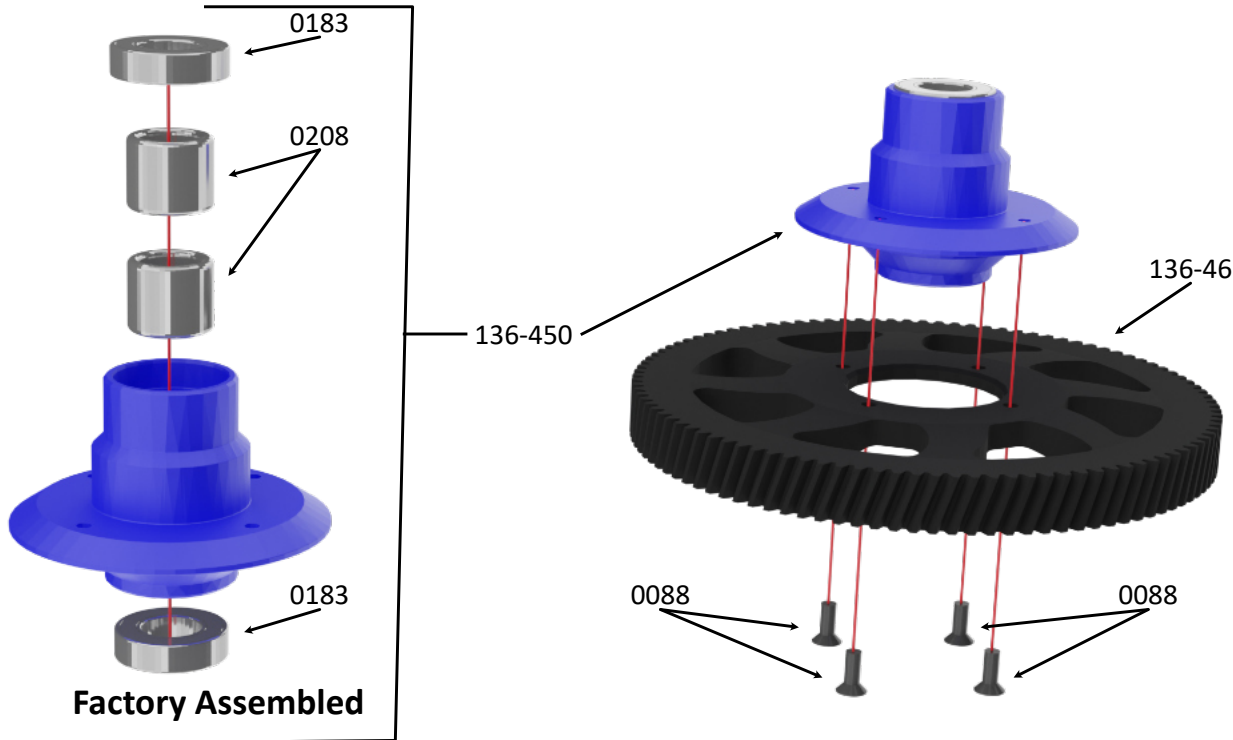
M3 x 6mm



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.



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

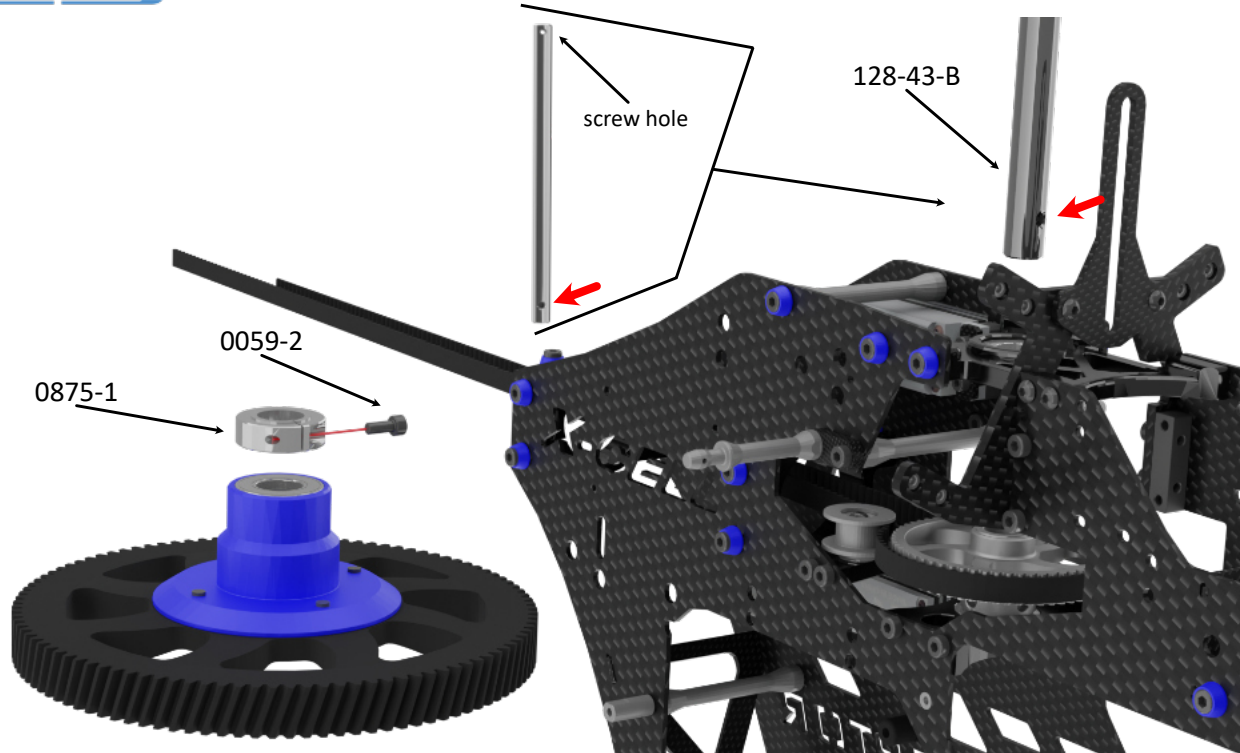
0208



M10 x 12 One Way
Torrington



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



0059-2

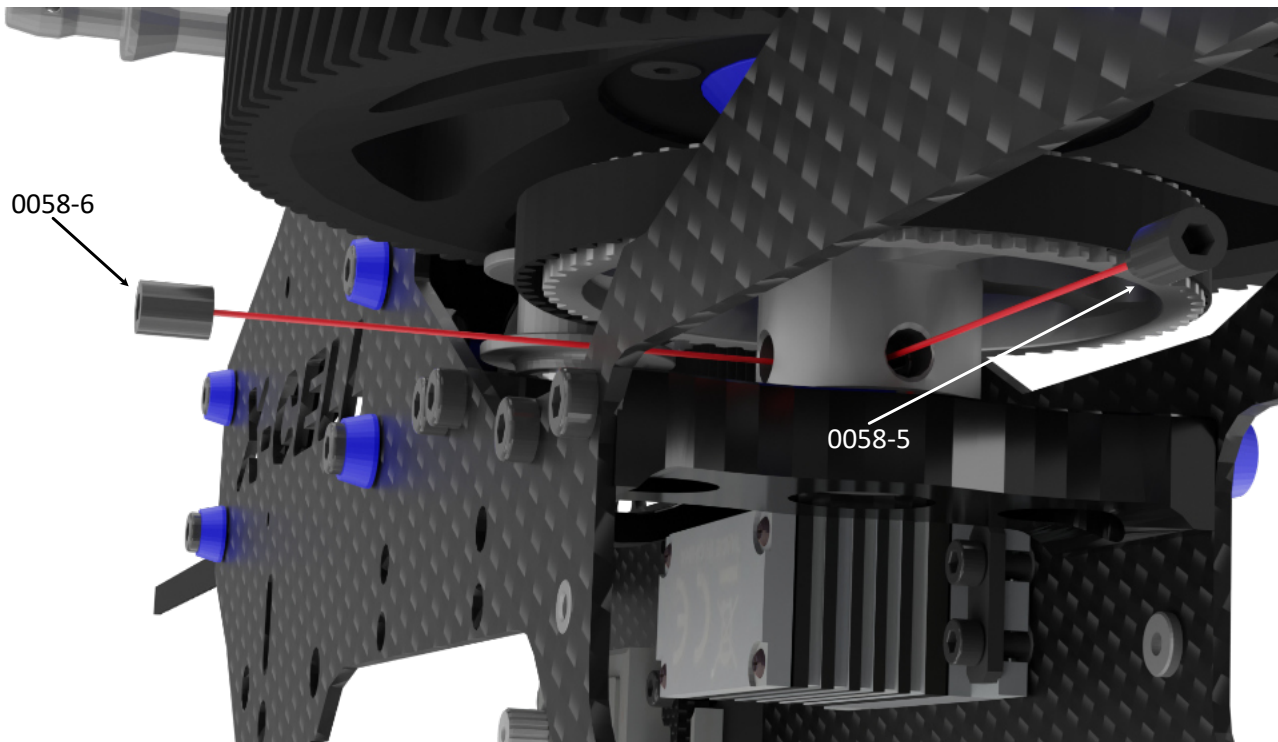


M2.5 x 8mm

Assembly Tip: put a small amount of synthetic grease into the one way bearings of part 136-450 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

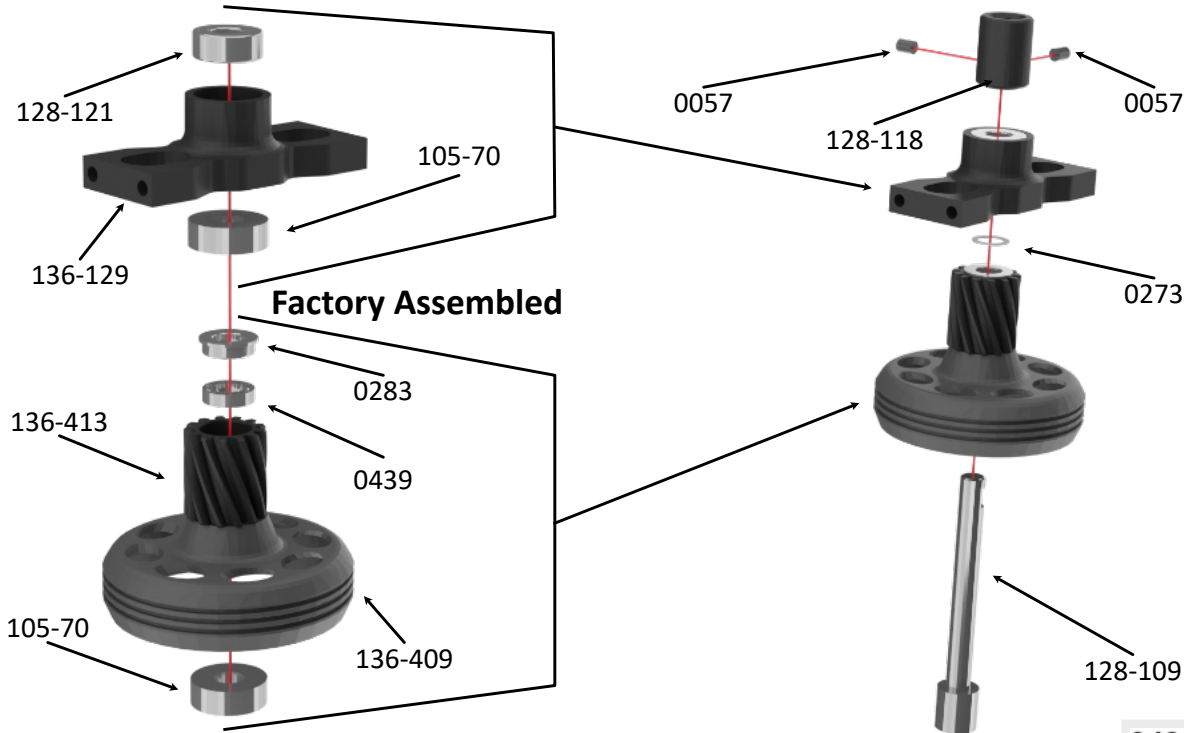


M5 x 5mm

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.



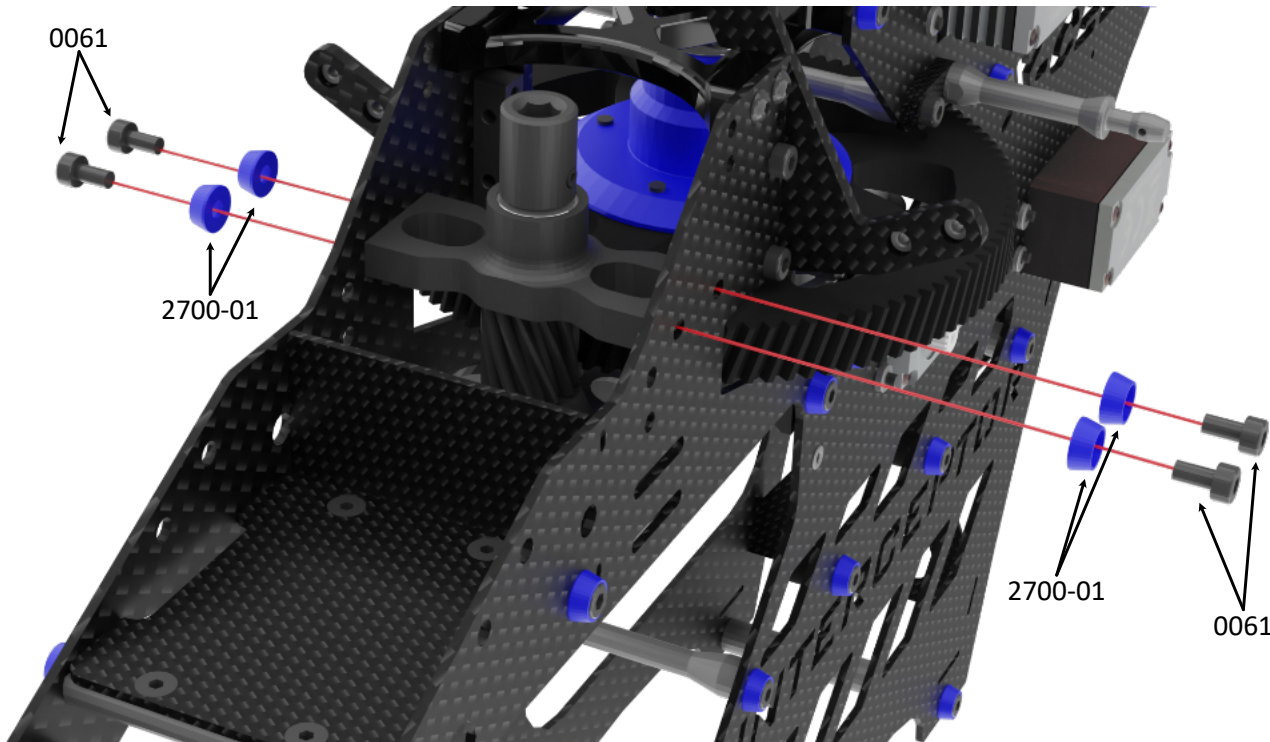
Apply a small amount of medium thread lock when threading into metal parts.




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 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.




0061




M3 x 8mm

2700-01

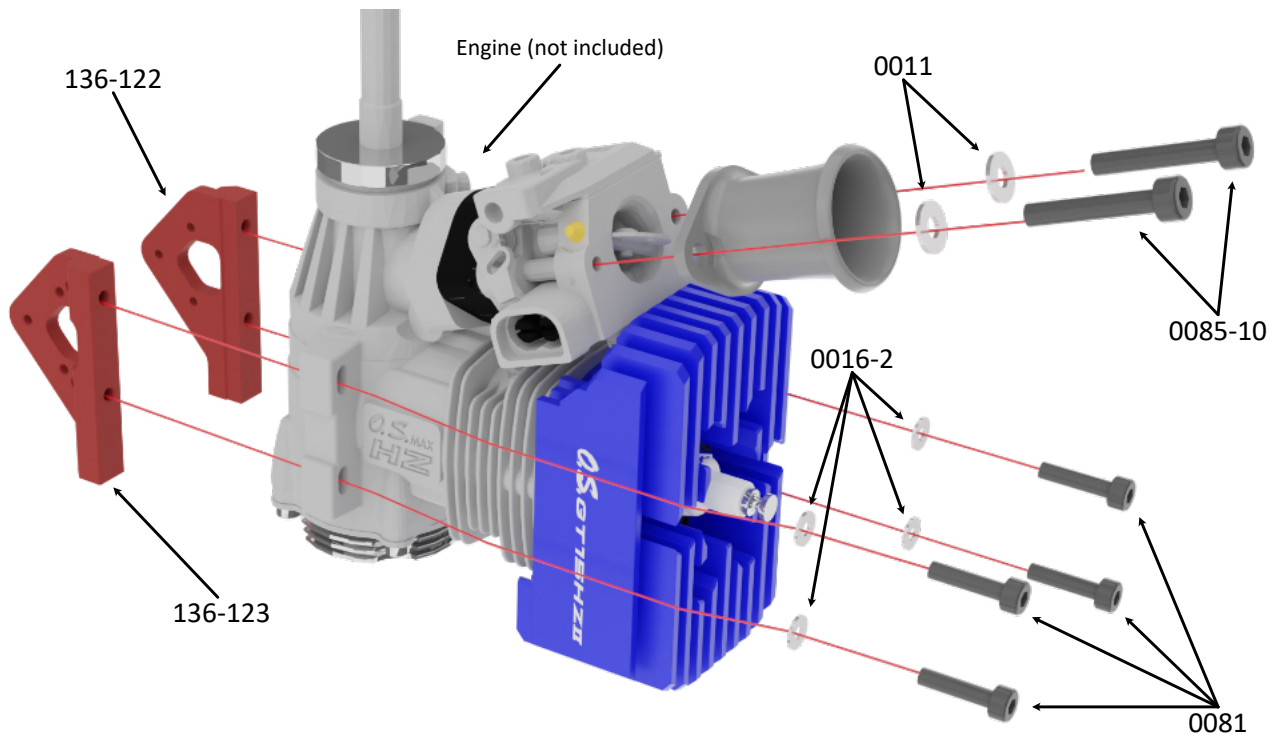


M3 (blue)



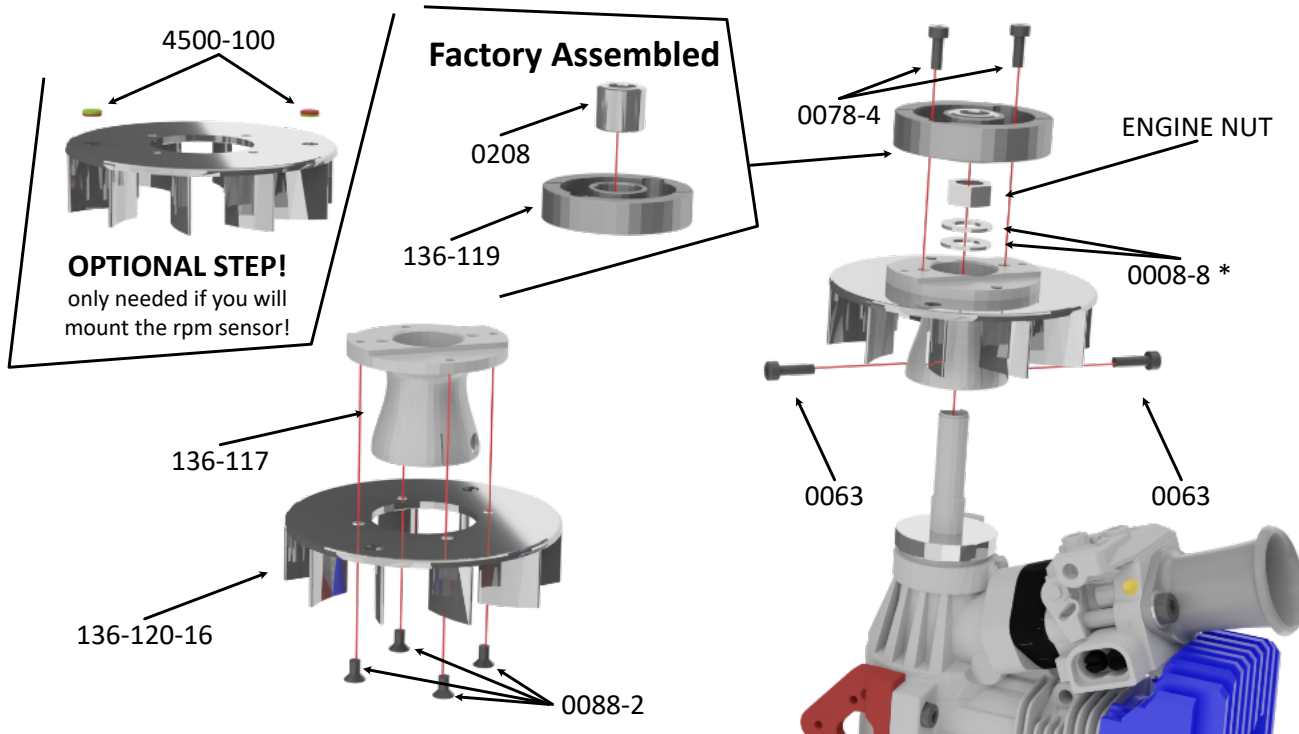
Apply a small amount of medium thread lock when threading into metal parts.

Assembly Tip: Take care 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.



0011	
	M5
0016-2	
	M4
0081	
	M4 x 16mm
0085-10	
	M5 x 55mm
	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.



OPTIONAL STEP!
only needed if you will
mount the rpm sensor!

Factory Assembled

Assembly Tip: If using a governor install the magnets at the fan. Take care of the orientation. On shall be facing up "North" the other shall be facing up "South". Use some high quality two-component epoxy like UHU 300 and let it hardening. The magnets are included in the Interceptor kit.

* 0008-8 second is optional

- 0008-8**



M8
- 0063**



M3 x 10mm
- 0078-4**



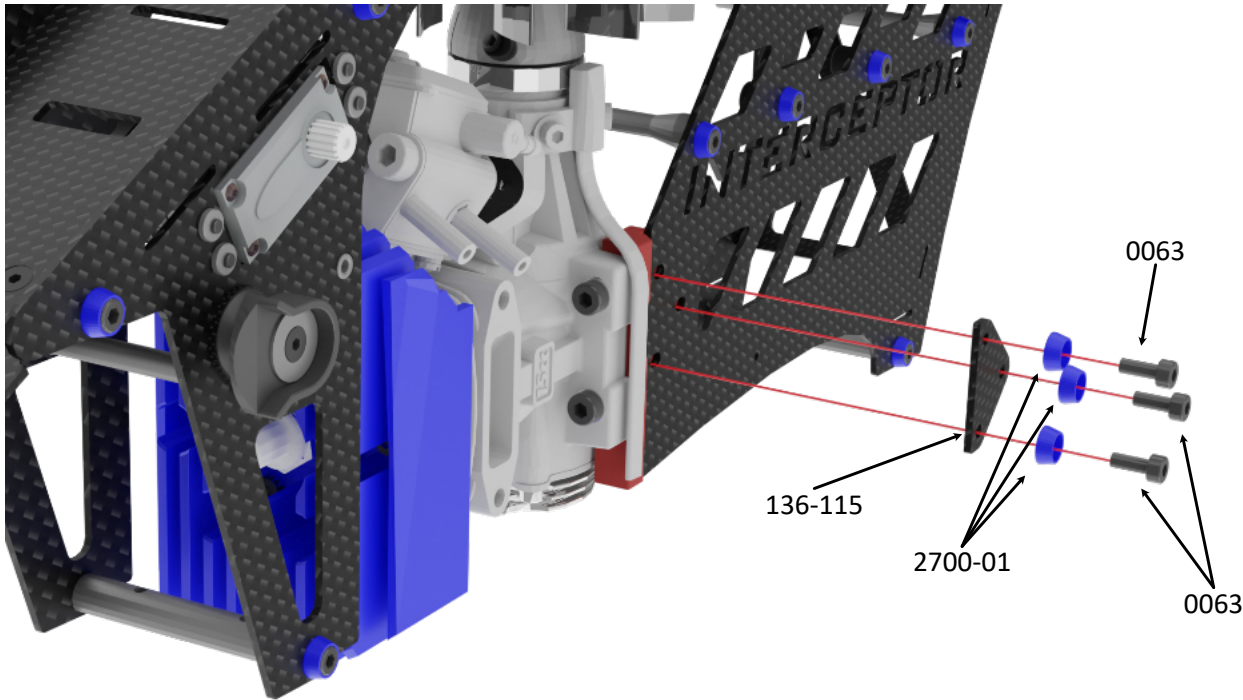
M4 x 8mm
- 0088-2**



M3 x 6mm
- 0208**



M10 x 12 One Way Torrington



0063



M3 x 10mm

2700-01

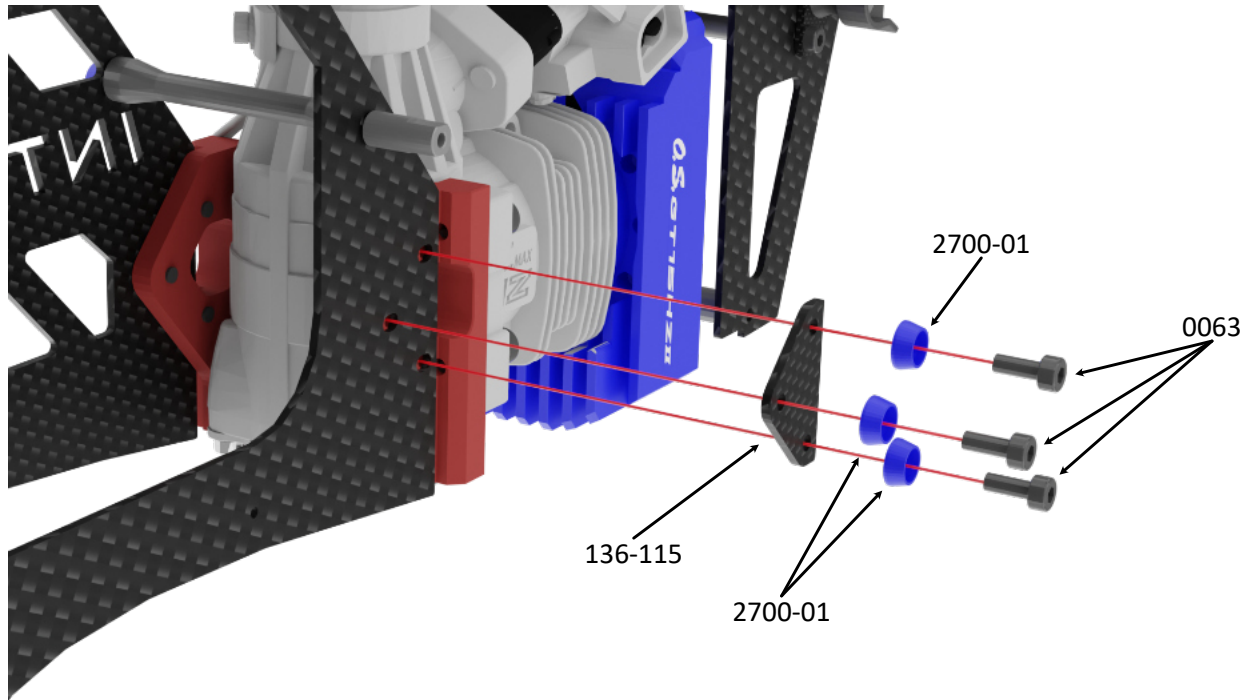





M3 (blue)

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

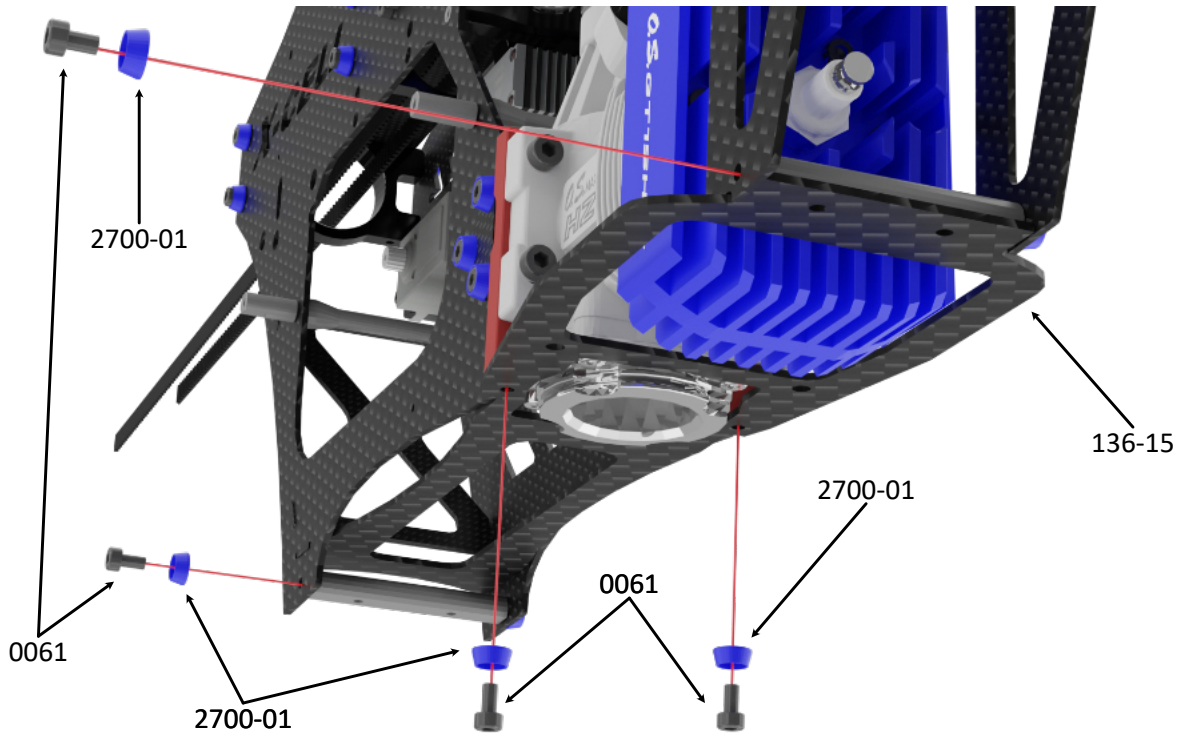


Apply a small amount of medium thread lock when threading into metal parts.






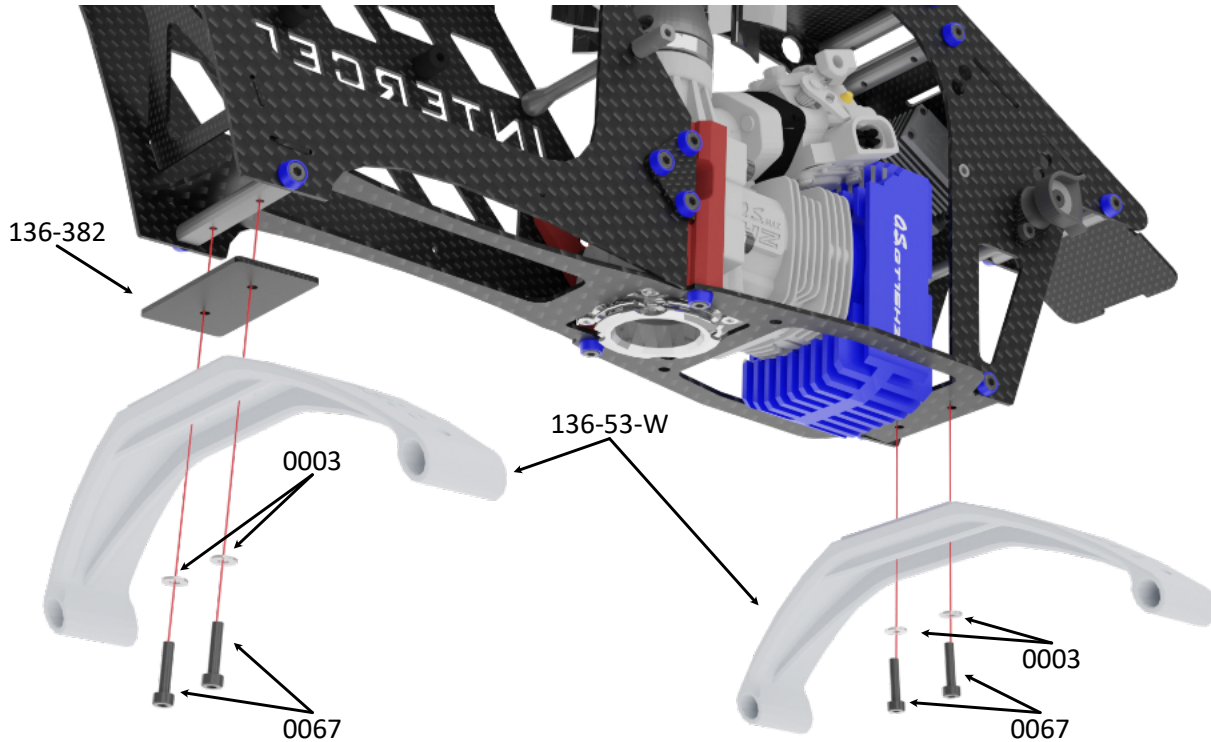
0063

M3 x 10mm
2700-01

M3 (blue)

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.



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

0061

M3 x 8mm
2700-01

M3 (blue)

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



0067



M3 x 14mm

0003

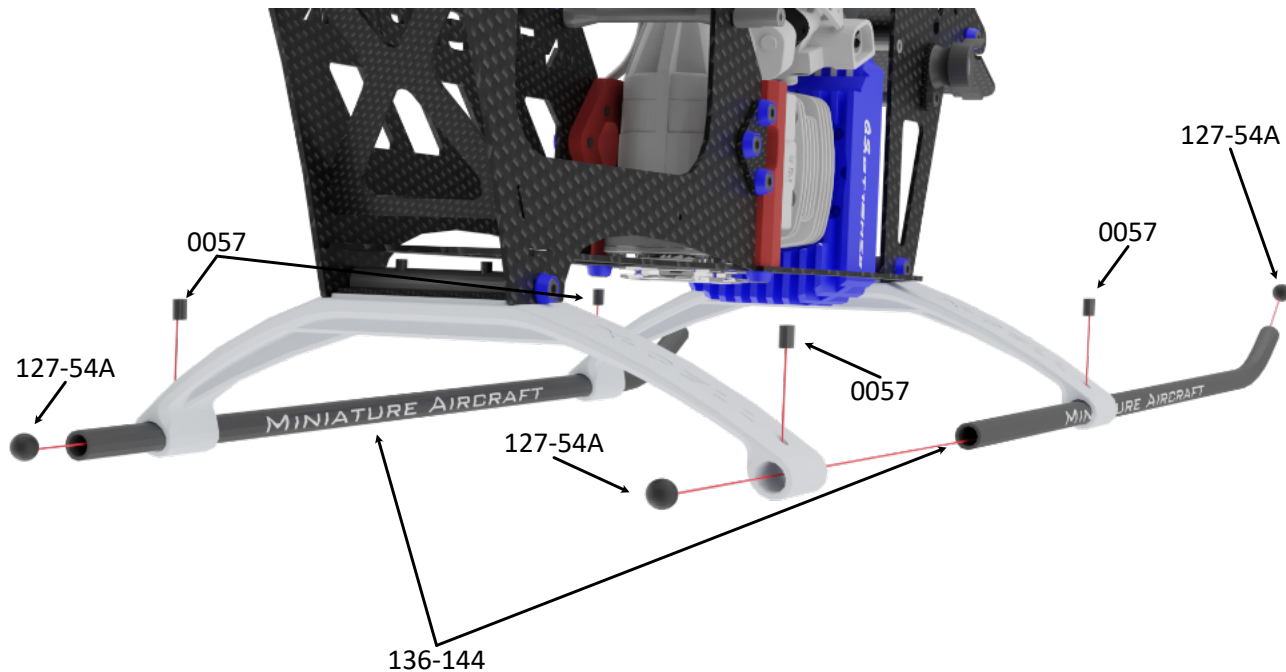


M3

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.



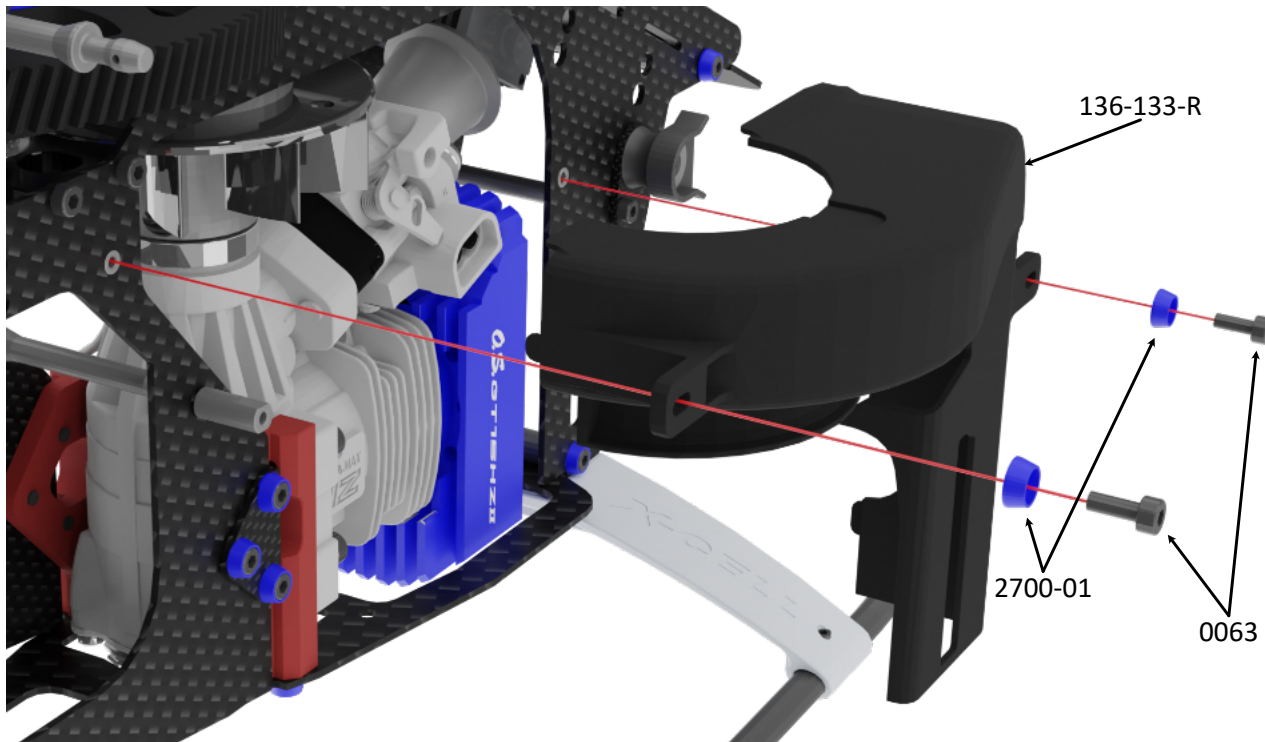
0057



M4 x 4mm



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



0063



M3 x 10mm

2700-01



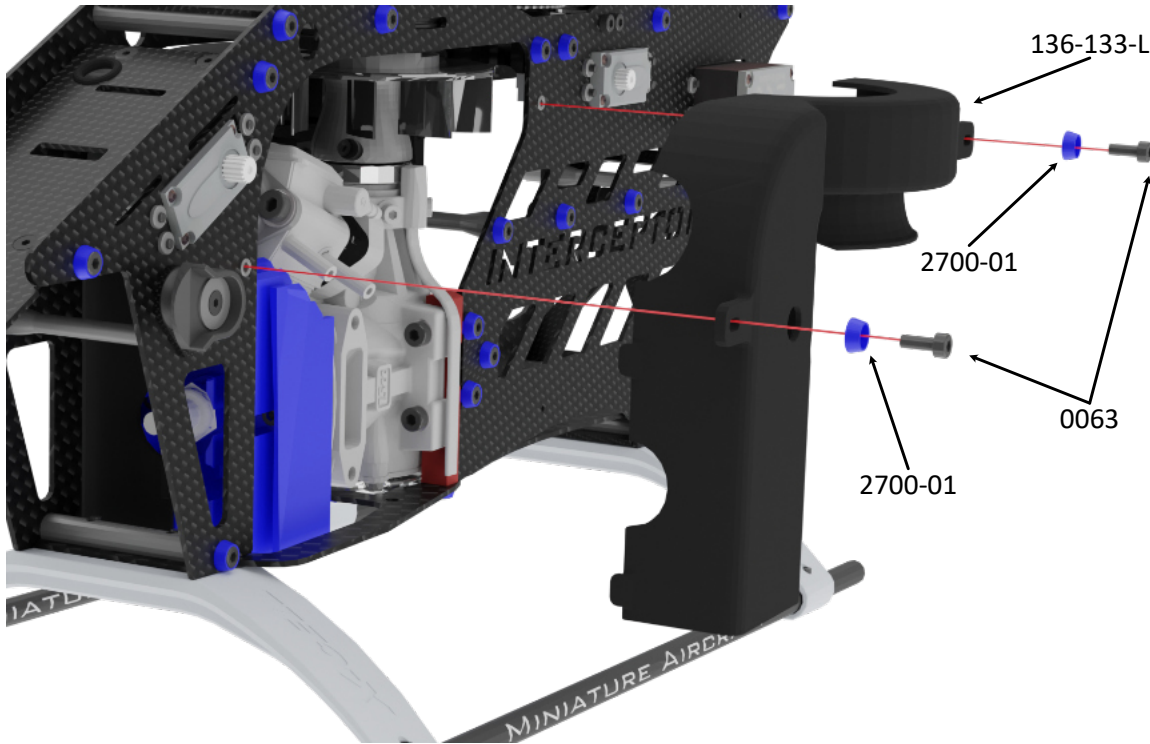
M3 (blue)

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

Check that fan shroud left and right it together.



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



0063



M3 x 10mm

2700-01



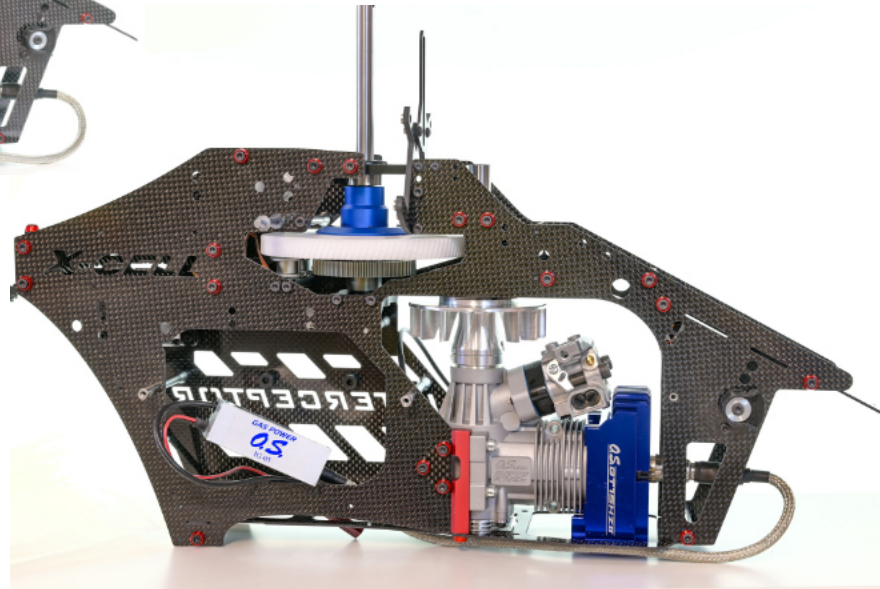
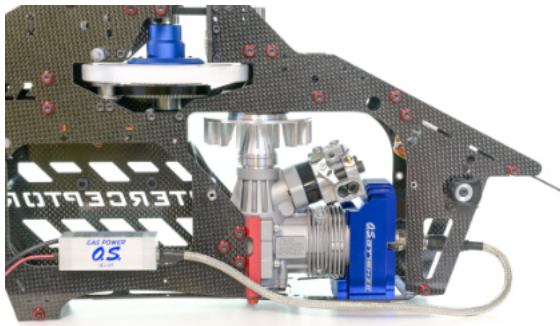
M3 (blue)



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

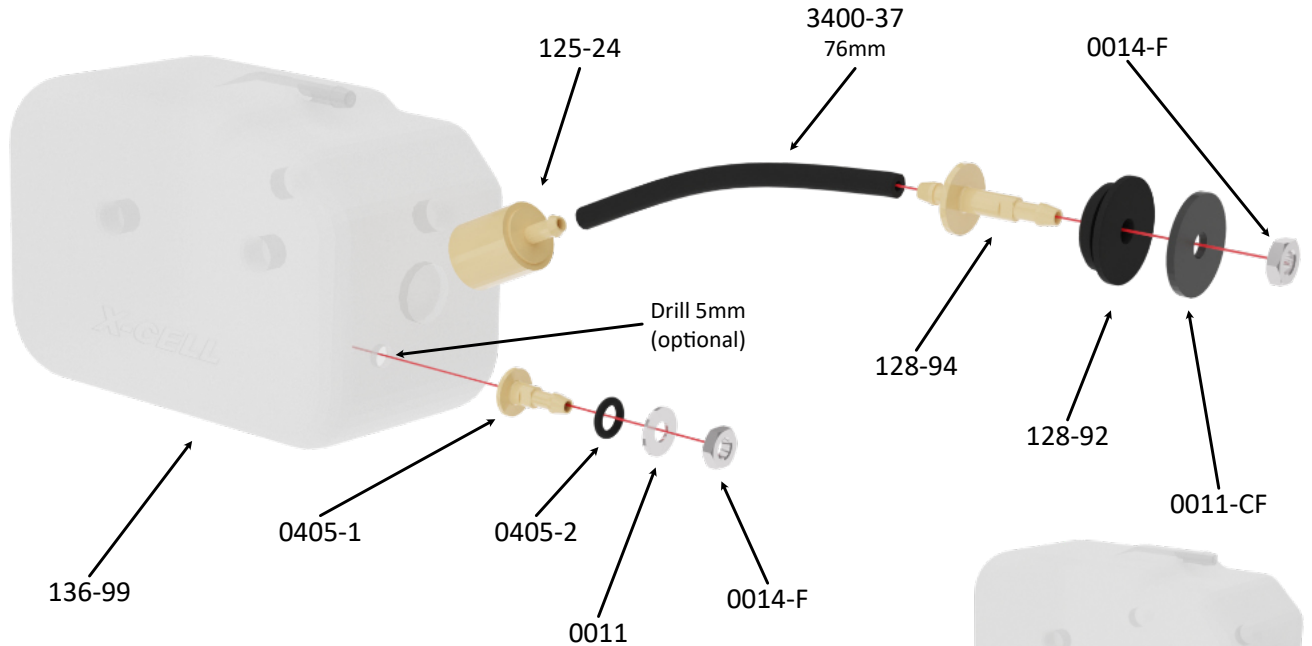
Assembly Tip: Apply a small amount of medium thread lock when threading in to metall parts.

Check that fan shroud left and right it together.



Assembly Tip: The ignition box will be mounted on the bottom platte using a thin double sided adhesive tape.

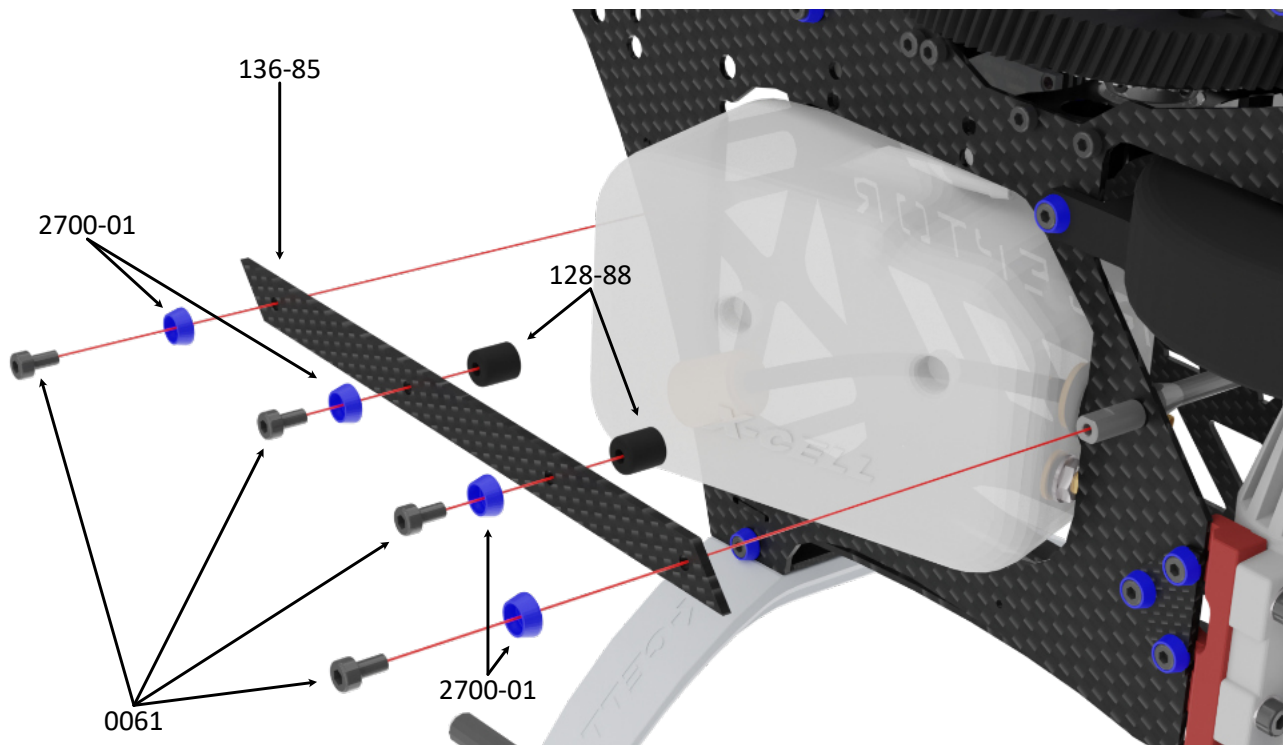
Use a hook & loop tape to secure the ignition module.




0014-F	
	M5 (fine)
0011-CF	
	M5 CF
0011	
	M5
<p>Apply a small amount of medium thread lock when threading into metal parts.</p>	

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.

Remove burrs on bores for fittings.




0061




M3 x 8mm

2700-01

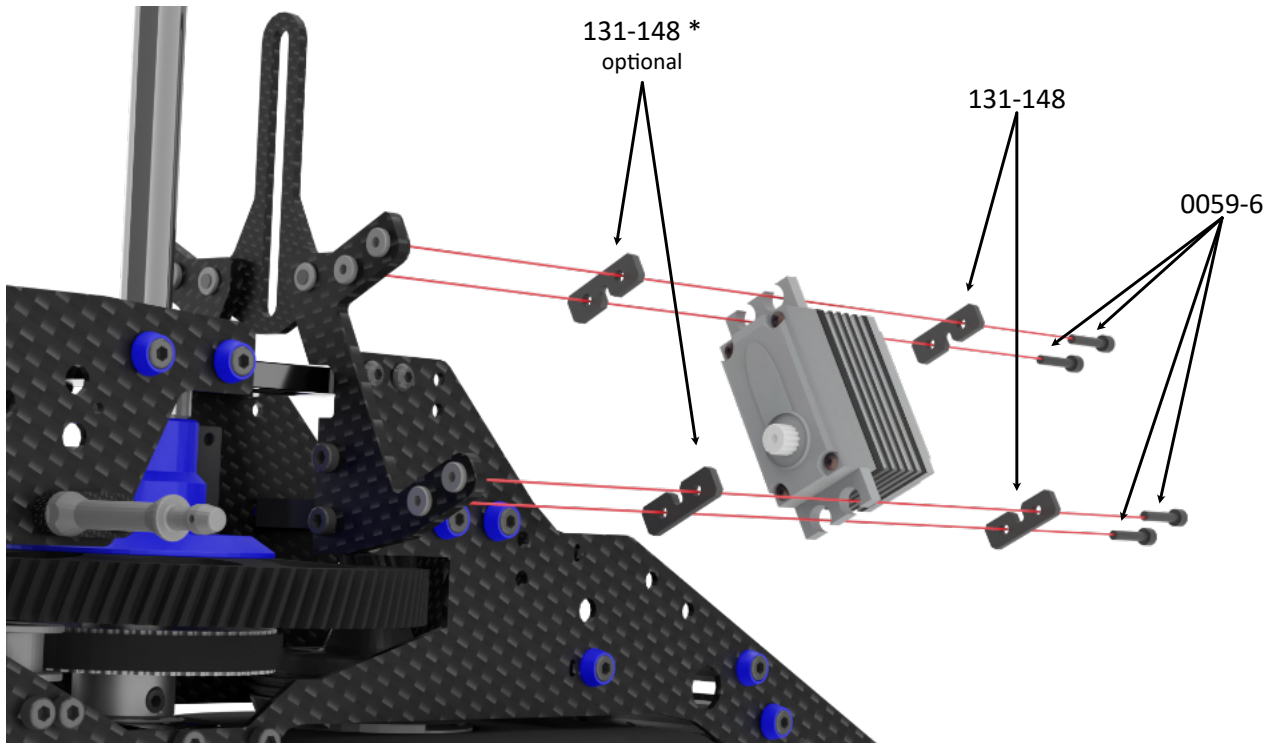


M3 (blue)



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.



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

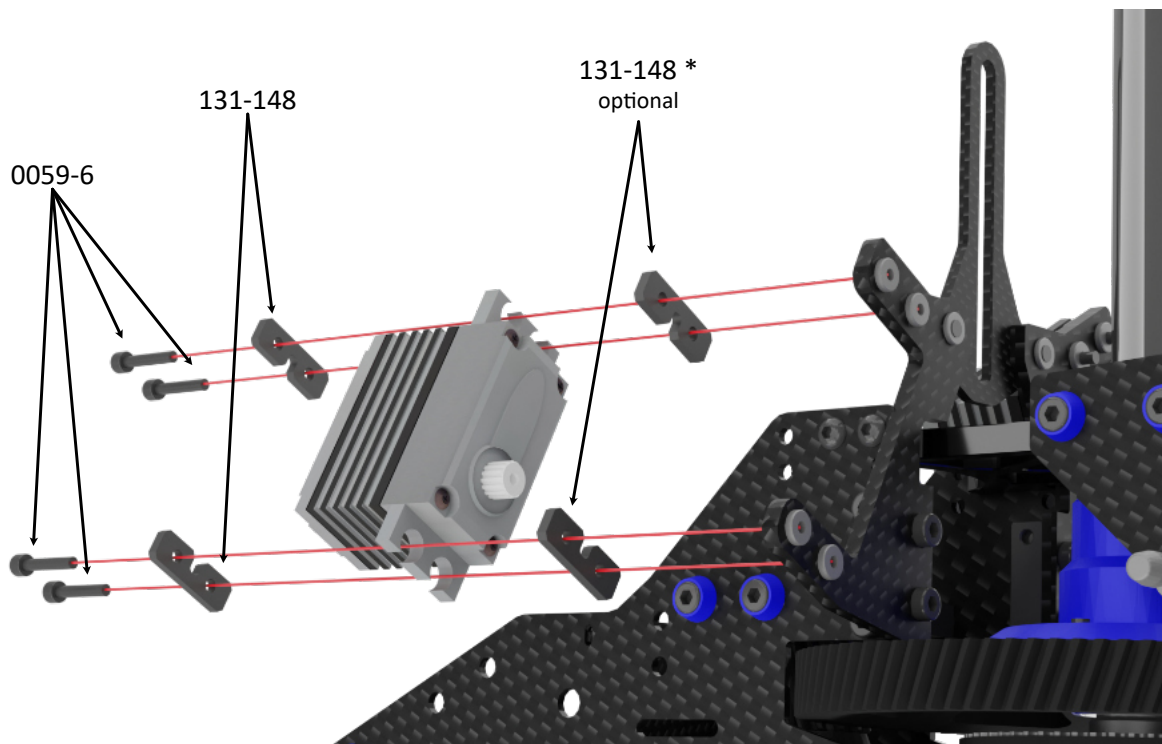
0059-6



M2.5 x 16mm



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



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

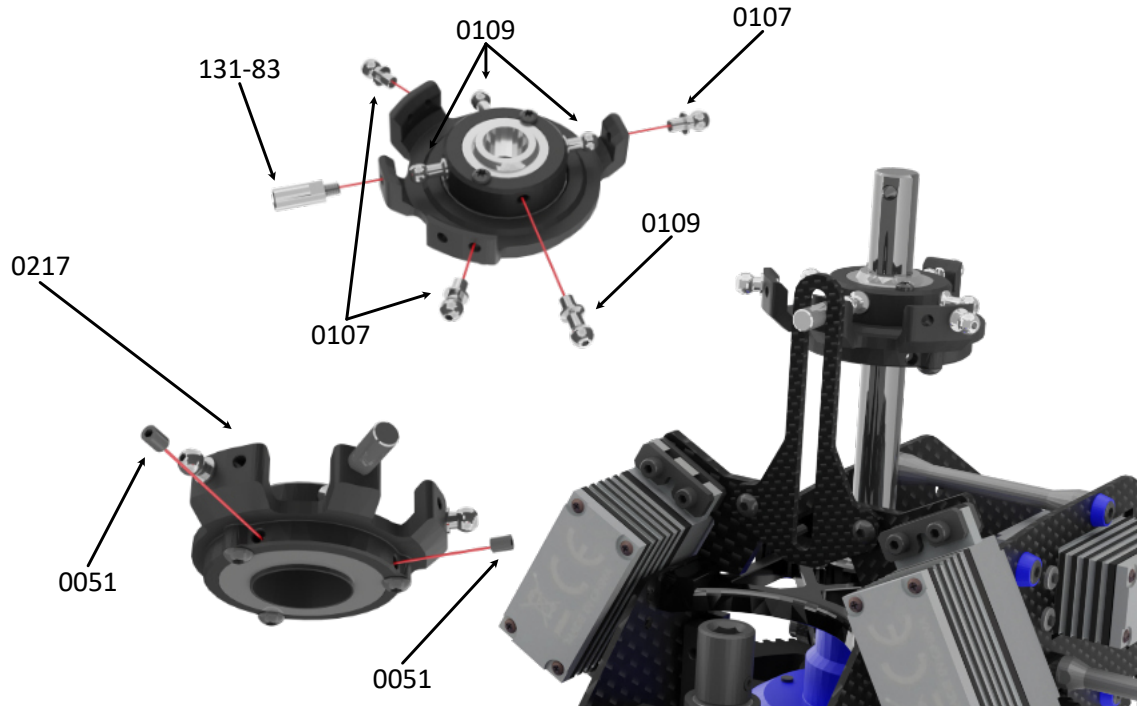
0059-6



M2.5 x 16mm

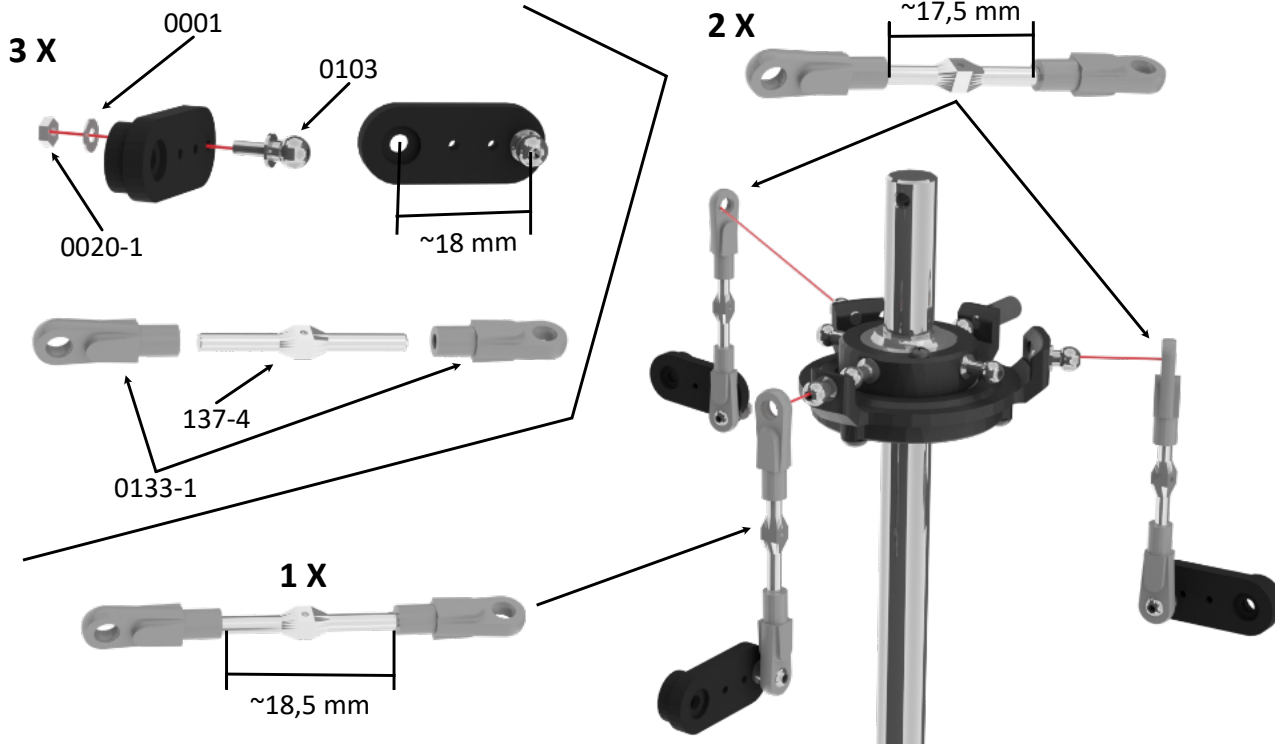


Apply a small amount
of medium thread lock
when threading into
metal parts.



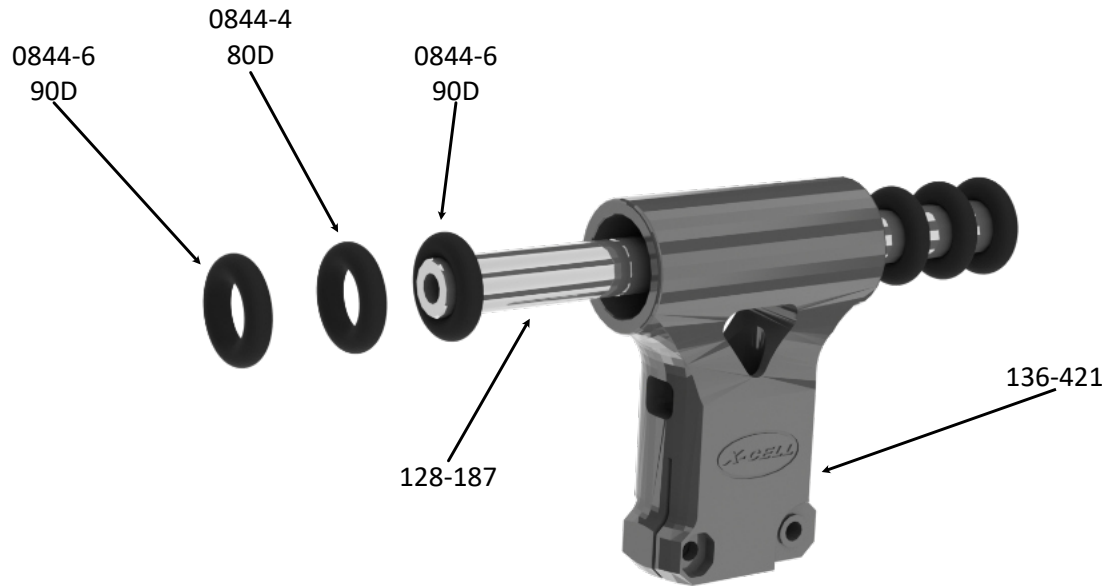
0051	
	M3 x 3mm
0107	
	M3 x 6mm
0109	
	M3 x 8mm
<p>Apply a small amount of medium thread lock when threading into metal parts.</p>	

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 fail.



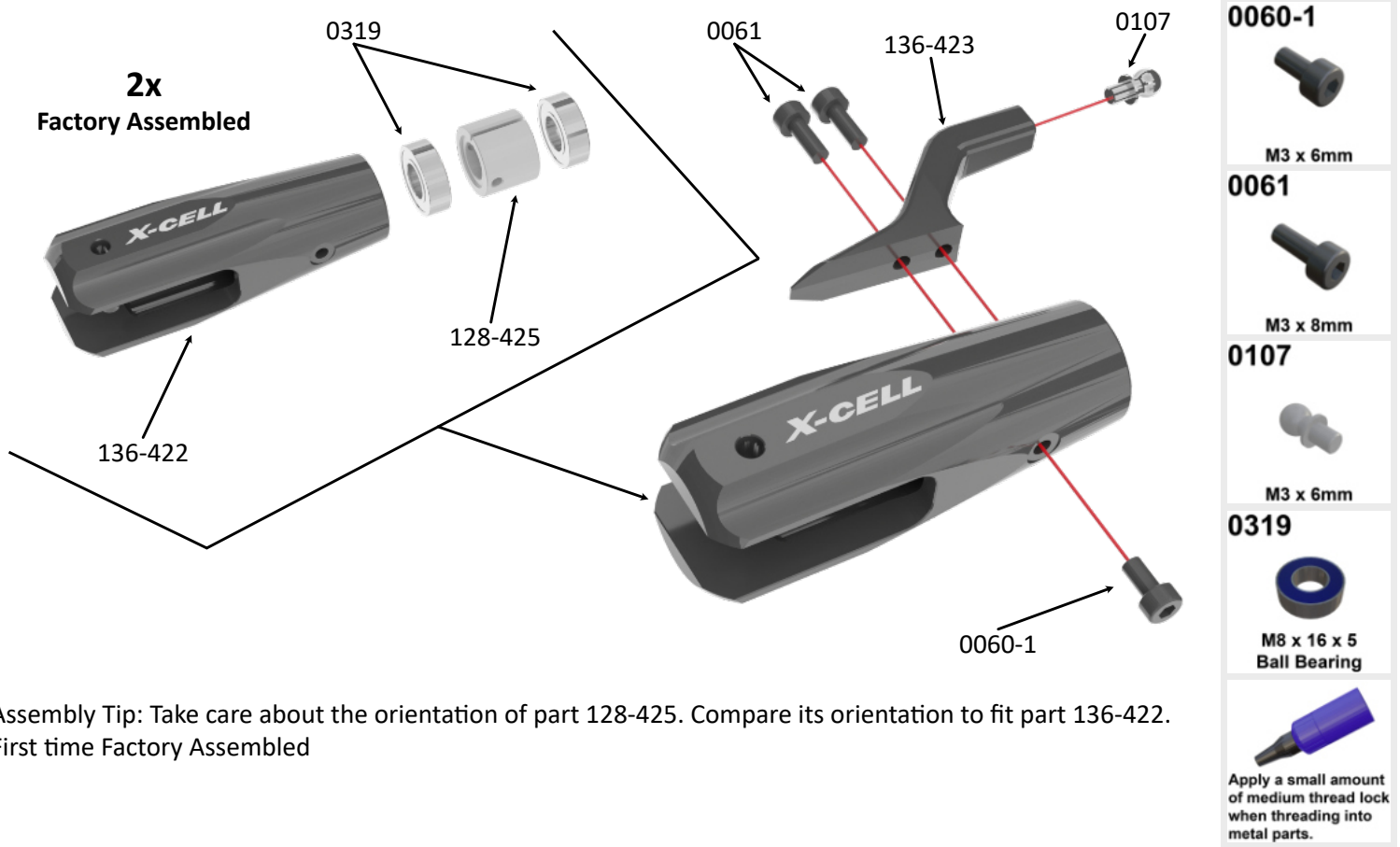
Use of heavy duty servo arms is required on the cyclic servos.

0001	
M2	
0020-1	
M2	
0103	
M2 x 5.3	
0133-1	
M3 x 21.2mm	
Apply a small amount of medium thread lock when threading into metal parts.	

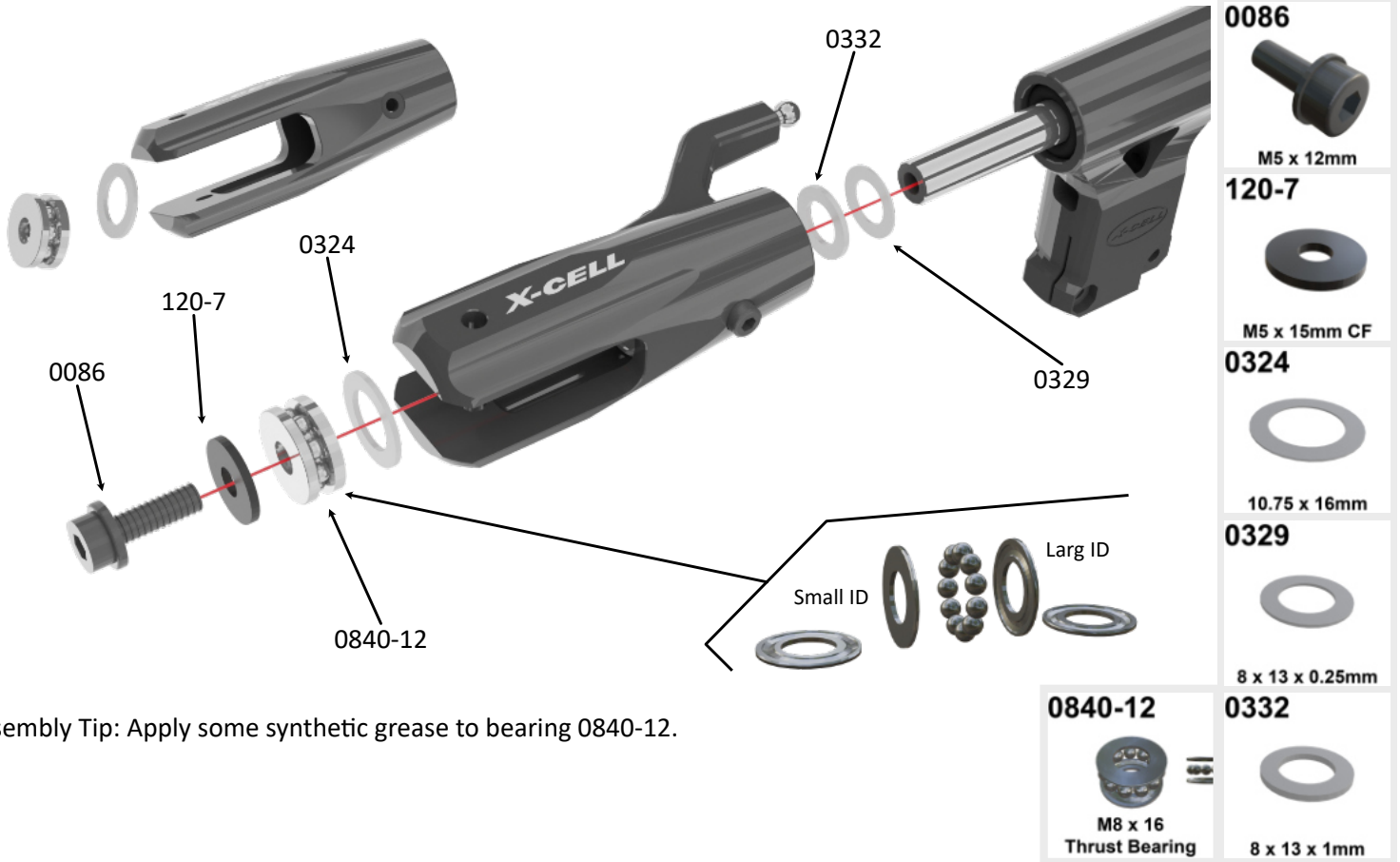


Assembly Tip: Apply some grease, vaseline or tallow to the o-rings and to the spindle shaft.

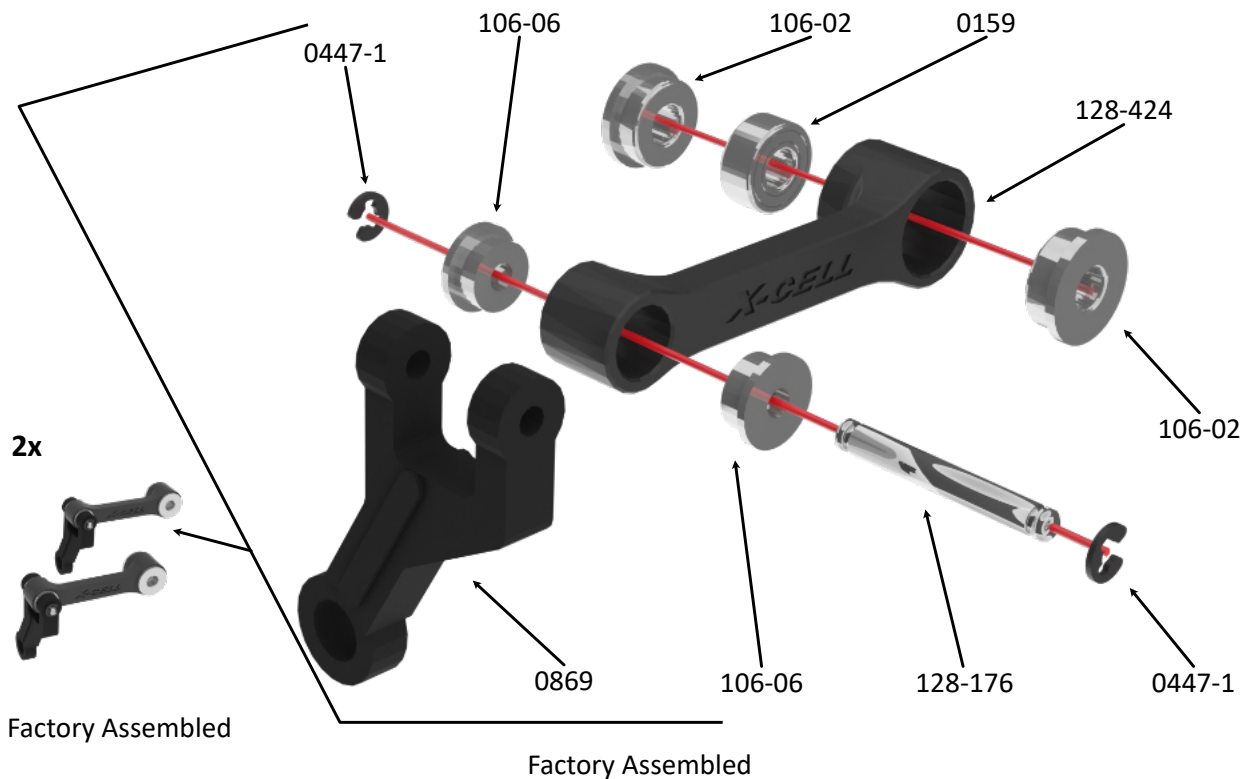
INTERCEPTOR MANUAL







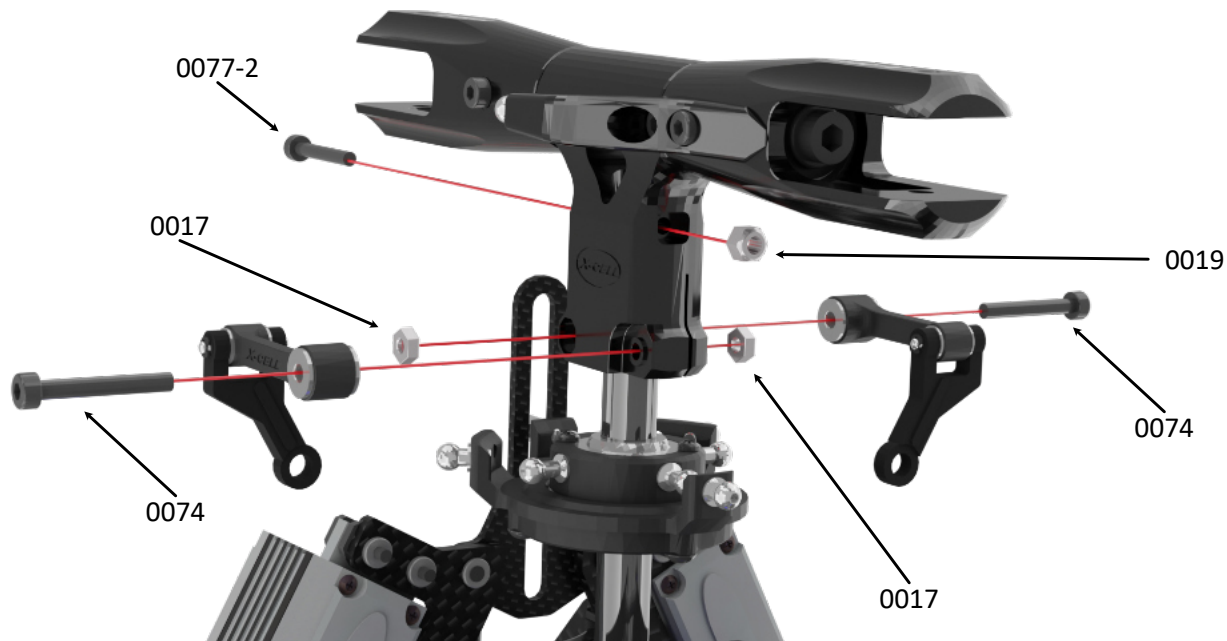
Assembly Tip: Take care about the orientation of part 128-425. Compare its orientation to fit part 136-422. First time Factory Assembled



INTERCEPTOR MANUAL



<p>106-02</p>  <p>M3 x 7 x 3 Flanged Bearing</p>
<p>0159</p>  <p>M3 x 7 x 3 Ball Bearing</p>
<p>106-06</p>  <p>M2 x 5 x 1,5 Flanged Bearing</p>
 <p>Apply a small amount of medium thread lock when threading into metal parts.</p>



Assembly Tip:

0017



M3

0019



M3

0074



M3 x 22mm

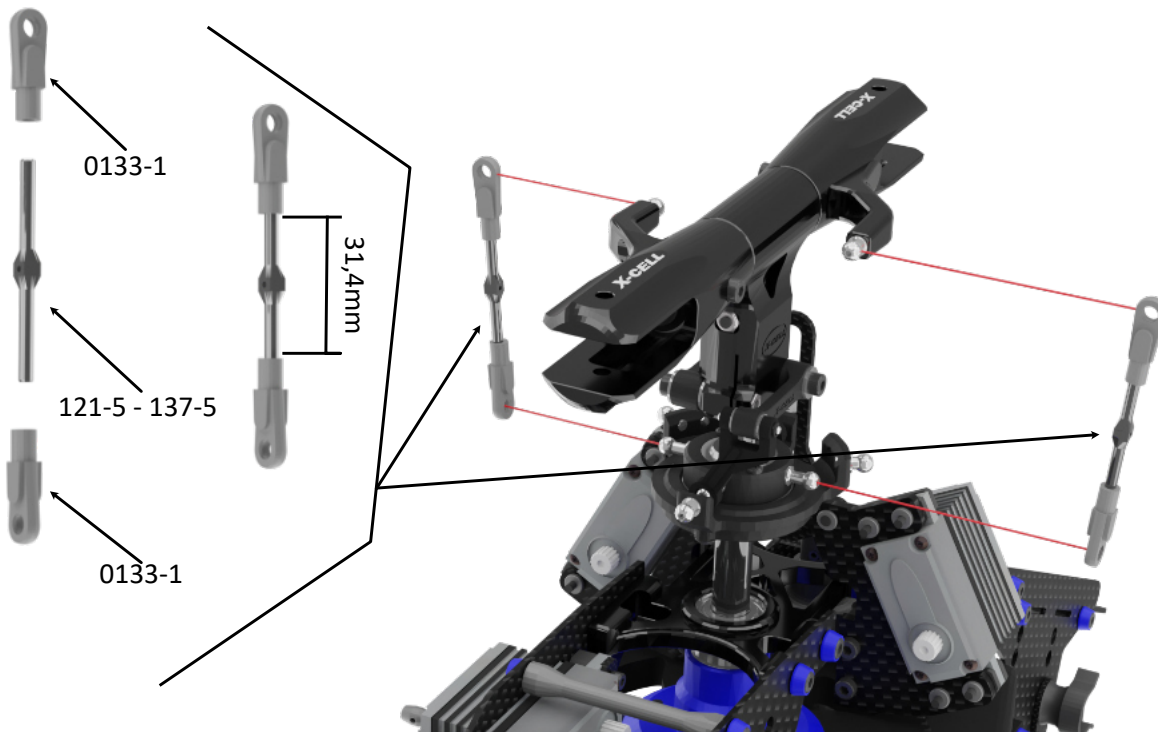
0077-2



M3 x 23mm



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



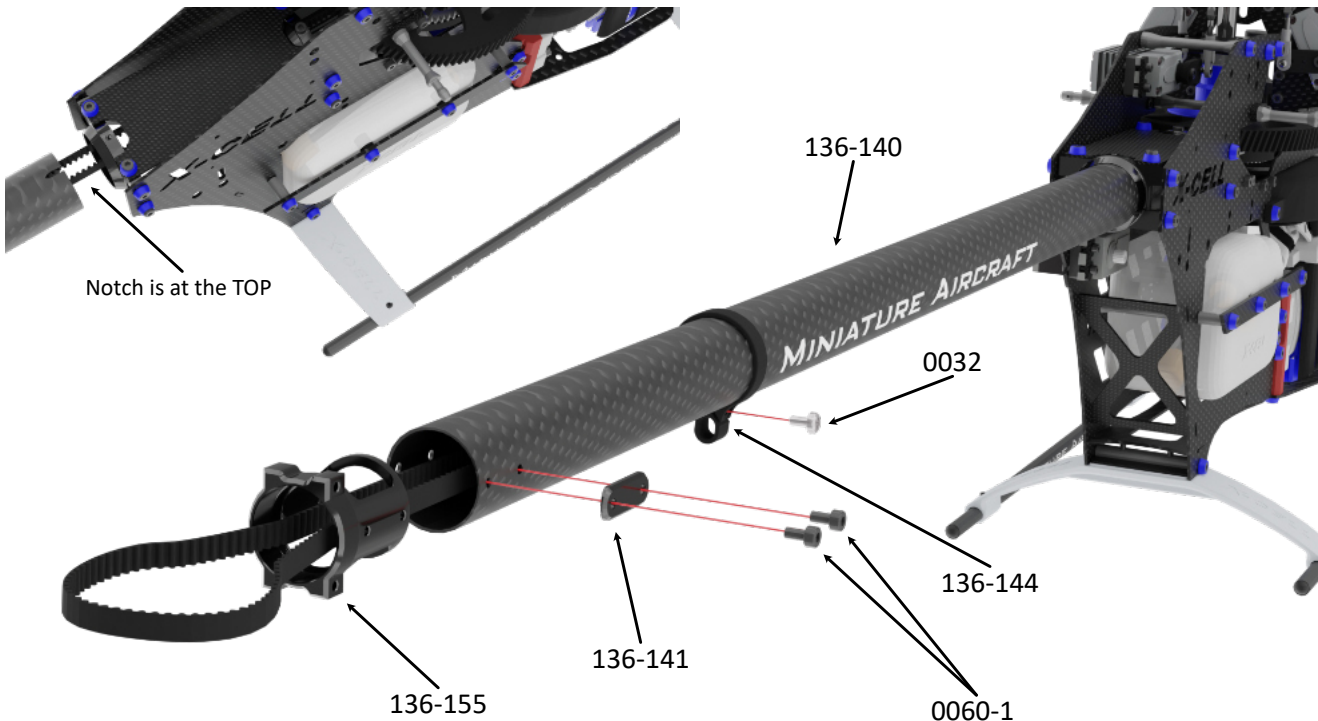
0133-1



M3 x 21.2mm



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



0032

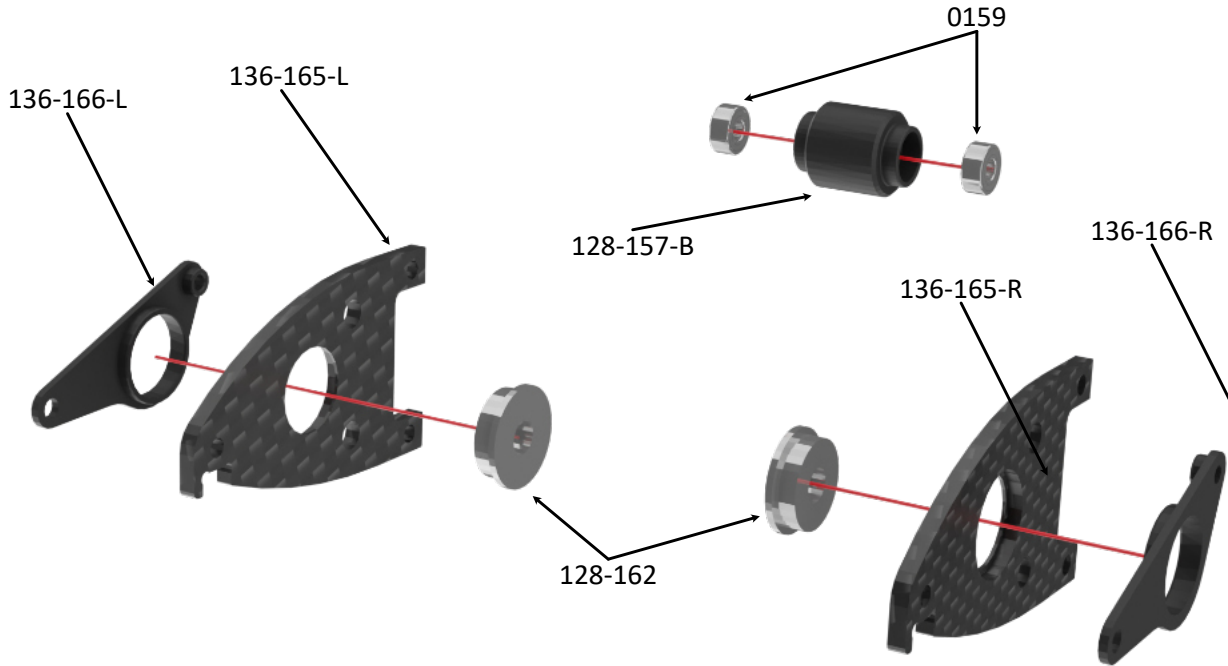
M2.9 x 9.5mm

0060-1

M3 x 6mm

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

Assembly Tip: Notch is at the TOP



0159



M3 x 7 x 3
Ball Bearing

128-162

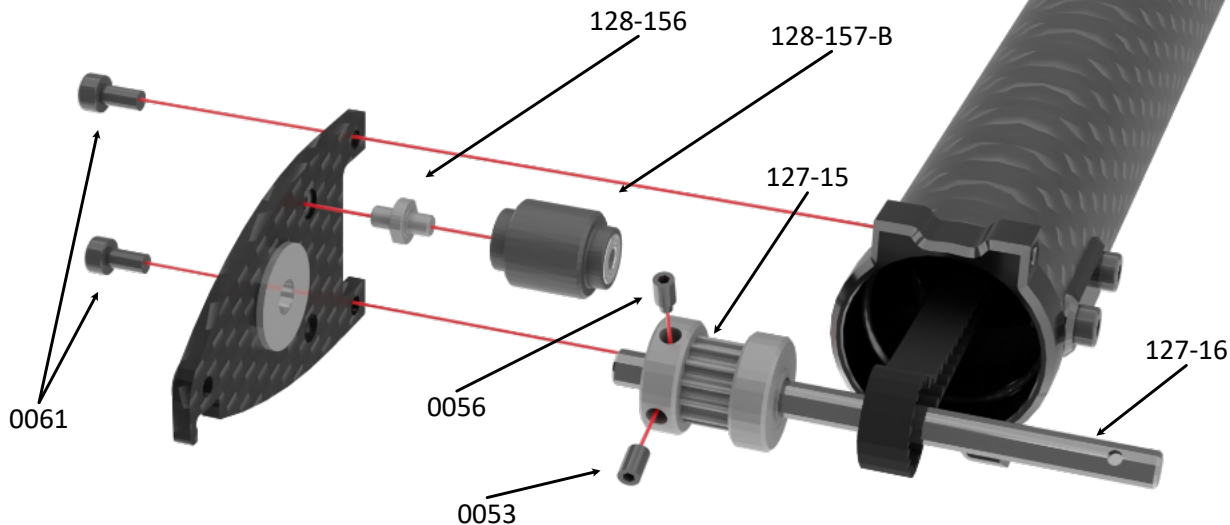
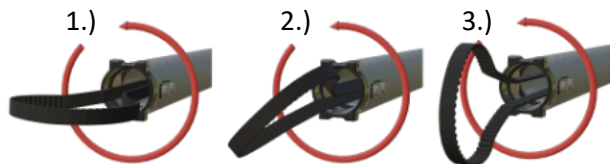


M5 x 13 x 4
Flanged Bearing



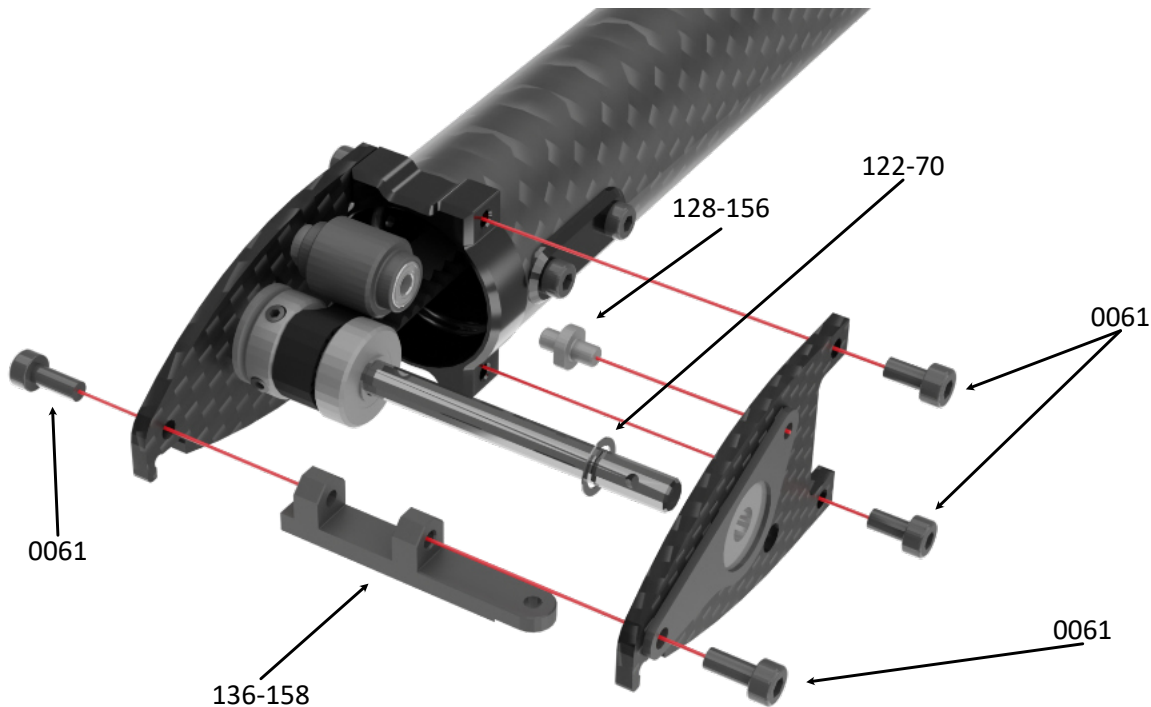
Apply a small amount of medium thread lock when threading into metal parts.

Factory Assembled
This parts will needed for the next 2 steps



0053	
	M3 x 5mm
0056	
	M3 x 5mm
0061	
	M3 x 8mm
<p>Apply a small amount of medium thread lock when threading into metal parts.</p>	

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

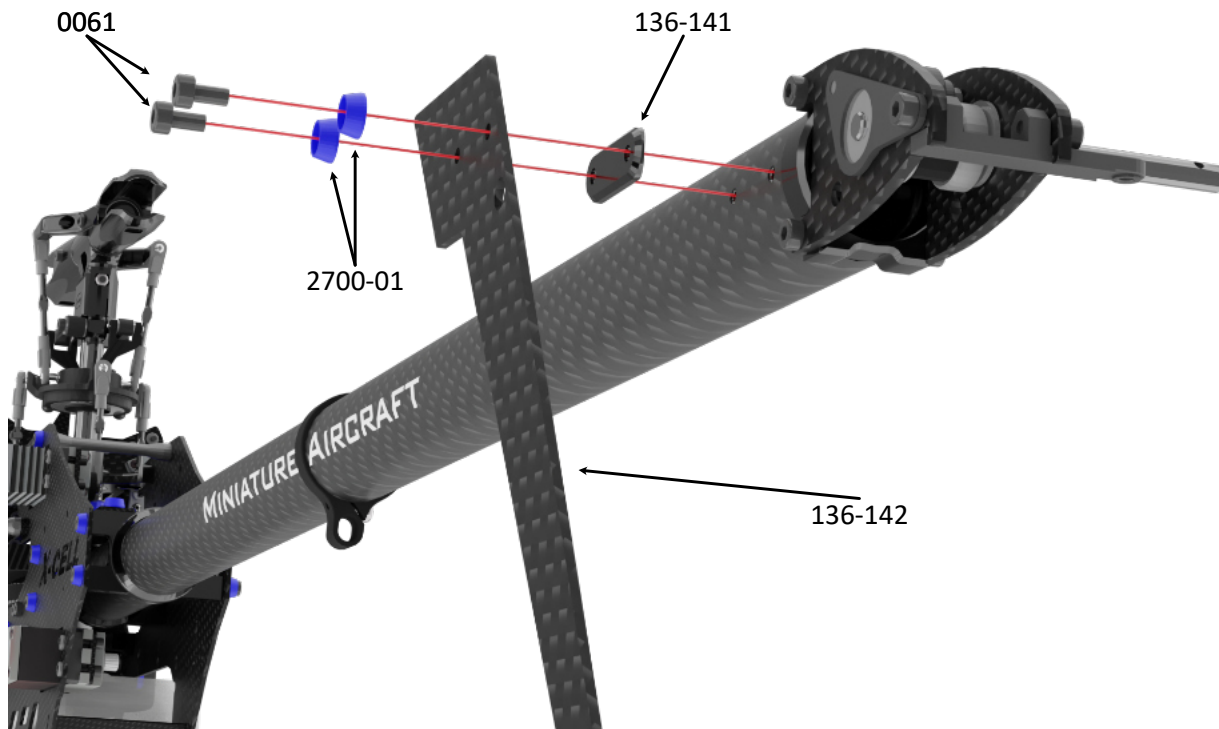


M5 x .25mm

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

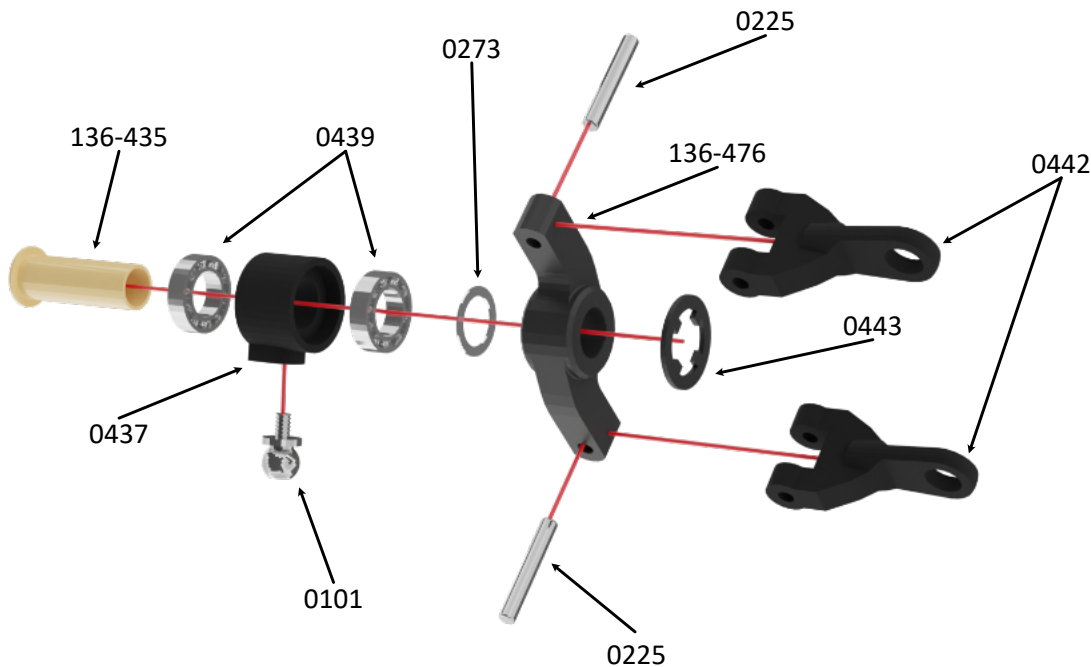


M3 (blue)

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



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



Factory Assembled

0101



M2 x 5.3mm

0273



M6 x 10 x .28mm

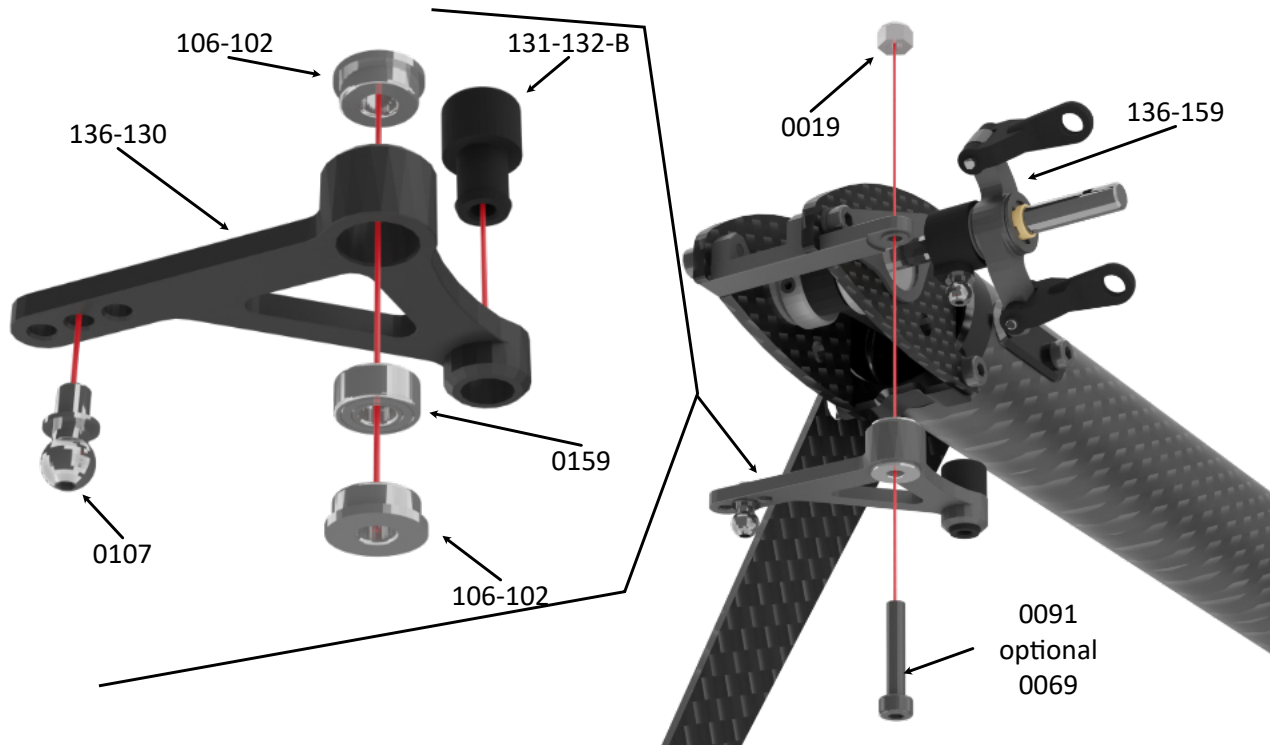
0439



M6 x 10 x 2,5
Open Ball Bearing



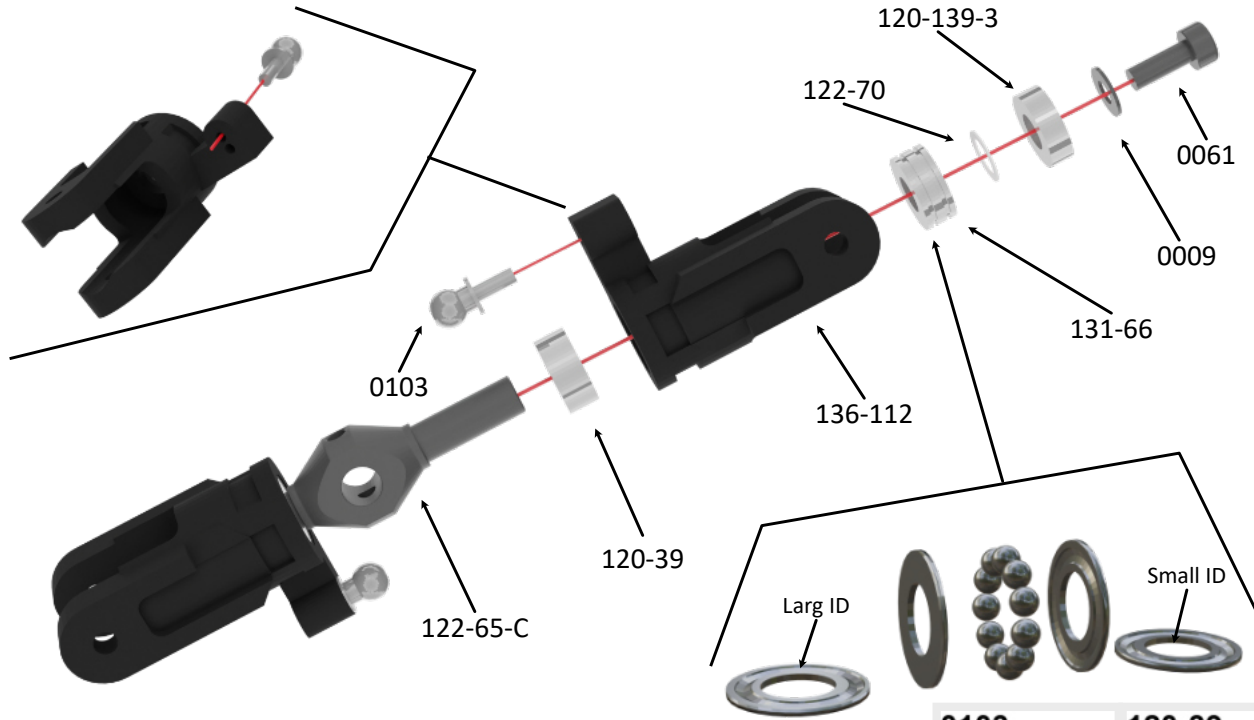
Apply a small amount of medium thread lock when threading into metal parts.



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

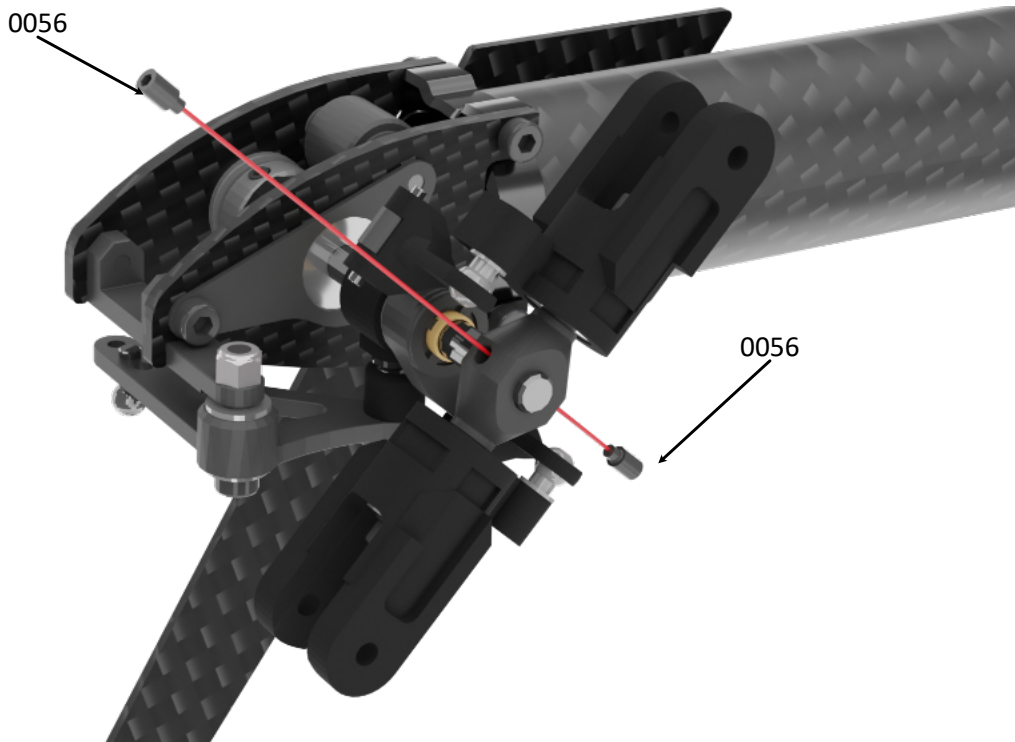
Assembly Tip: Apply a small amount of medium thread lock when threading in to metall parts.

INTERCEPTOR MANUAL



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

0061		M3 x 8mm
0009		M3 (small)
120-39-3		M5 x 10 x 3 Ball Bearing
122-70		M5 x .25mm
0103		M2 x 5.3
120-39		M5 x 10 x 4 Ball Bearing
131-66		M5 x 10 Thrust Bearing



0056

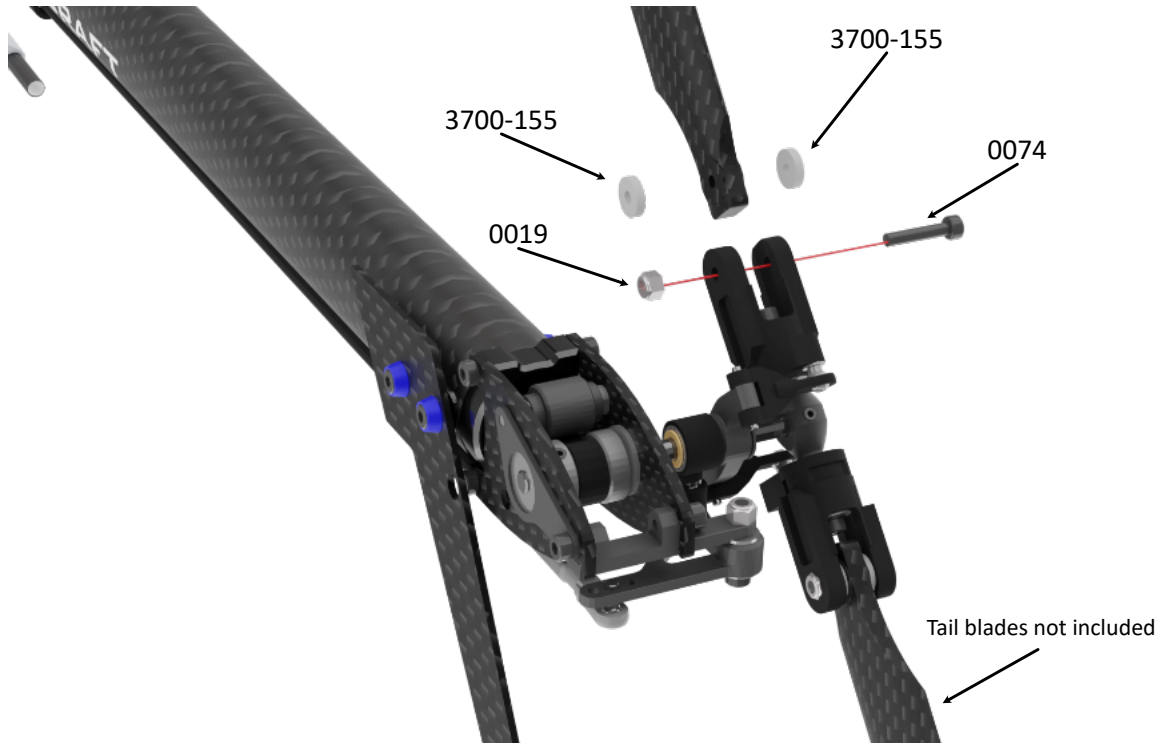


M3 x 5mm

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

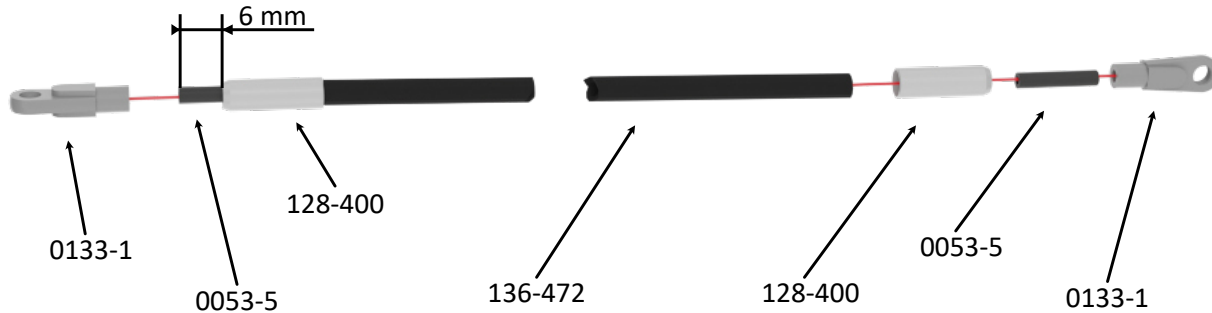


M3

0074



M3 x 22mm



0053-5



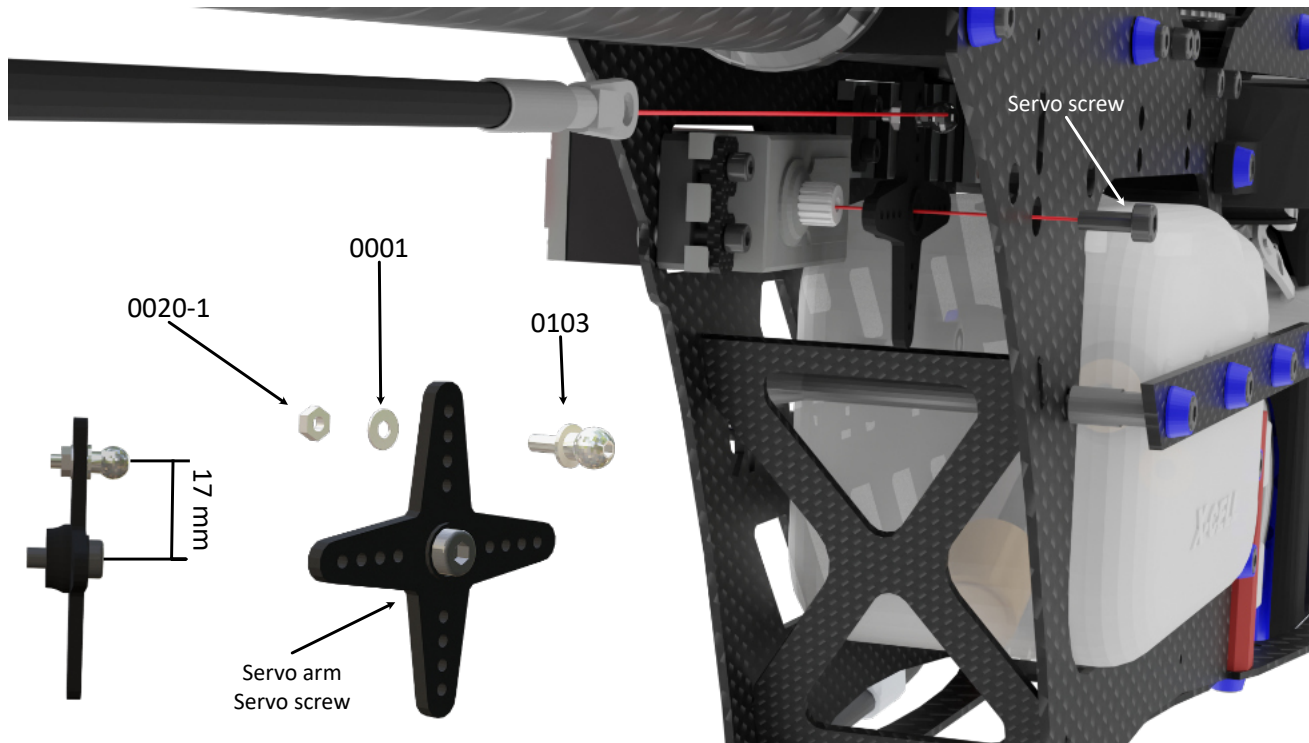
M3 x 16mm




0133-1



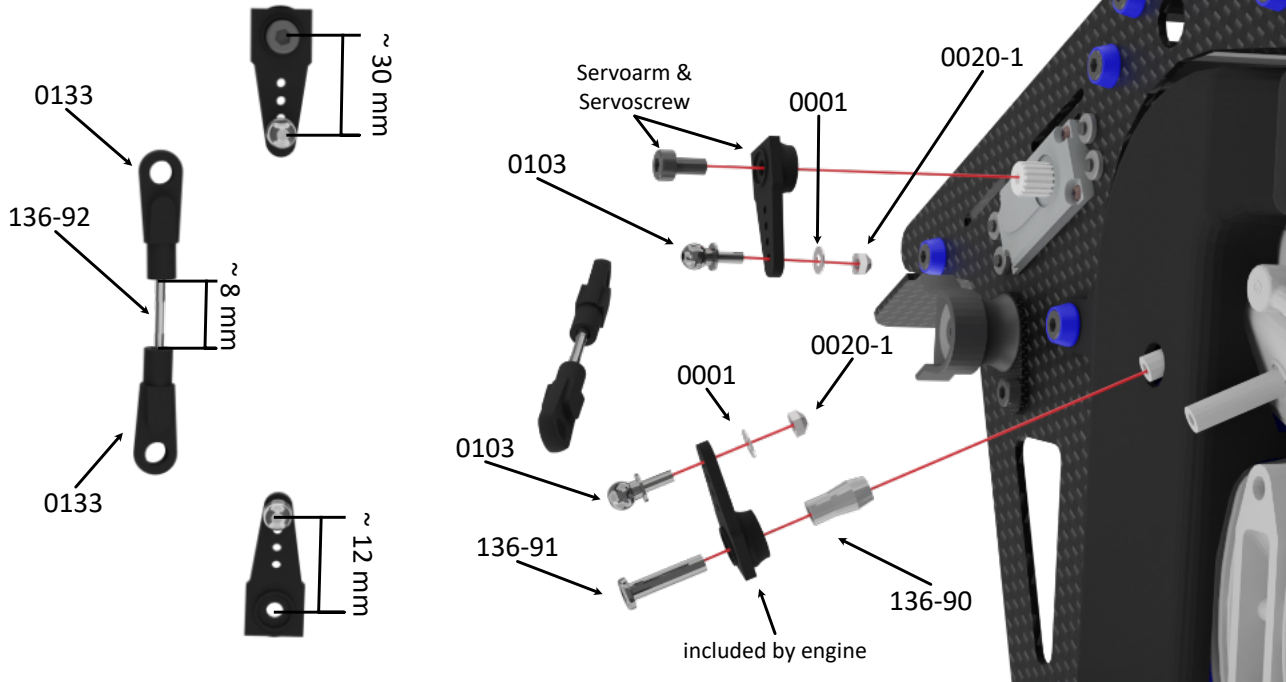
M3 x 21.2mm

Assembly Tip: Install the 0053-5 set screws into the push rod ends use high quality epoxy. Put all parts together and check length of the push rod. Shorten carbon tube is necessary. Use some high quality two-component 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 at it.



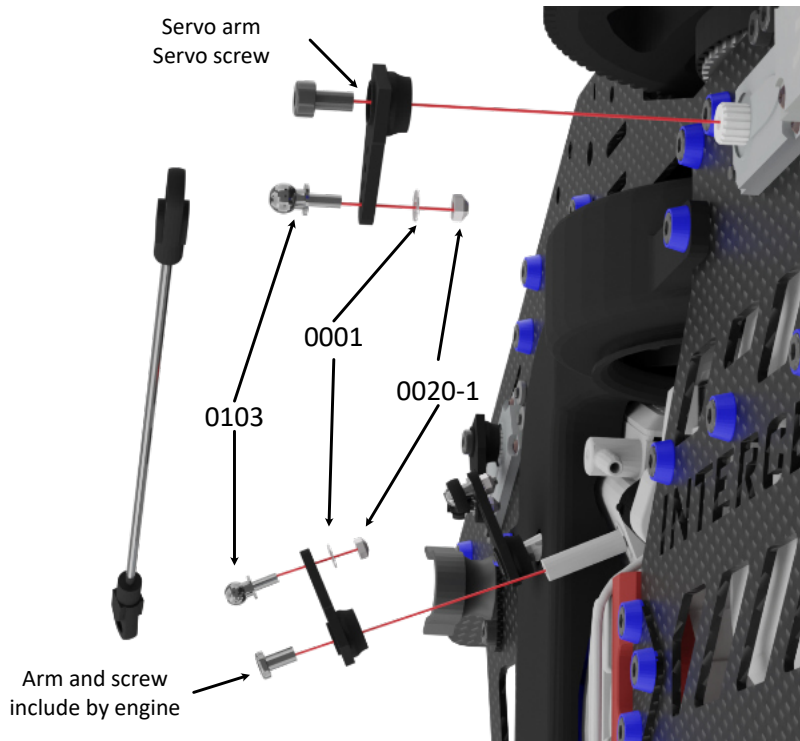
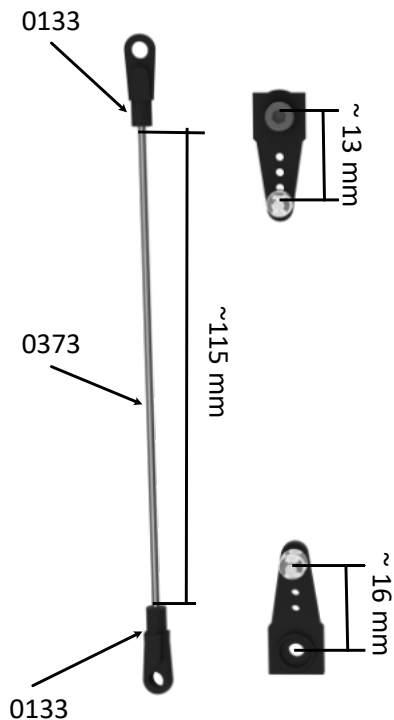
0103	
	M2 x 5.3
0020-1	
	M2
0001	
	M2

Assembly Tip: Read servo manual for installing servo screw



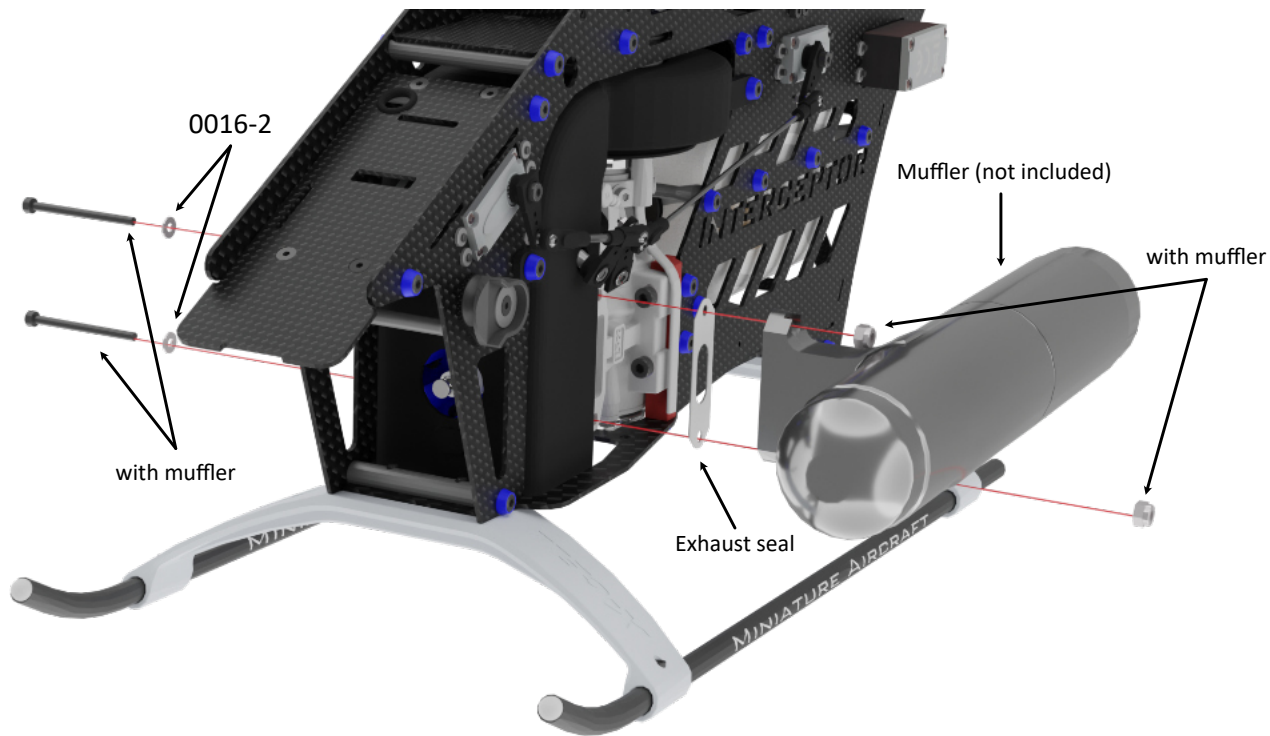
0001	
	M2
0020-1	
	M2
0103	
	M2 x 5.3
0133	
	M2 x 21.2mm
	Apply a small amount of medium thread lock when threading into metal parts.

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



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

0001	
	M2
0020-1	
	M2
0103	
	M2 x 5.3
0133	
	M2 x 21.2mm
Apply a small amount of medium thread lock when threading into metal parts.	



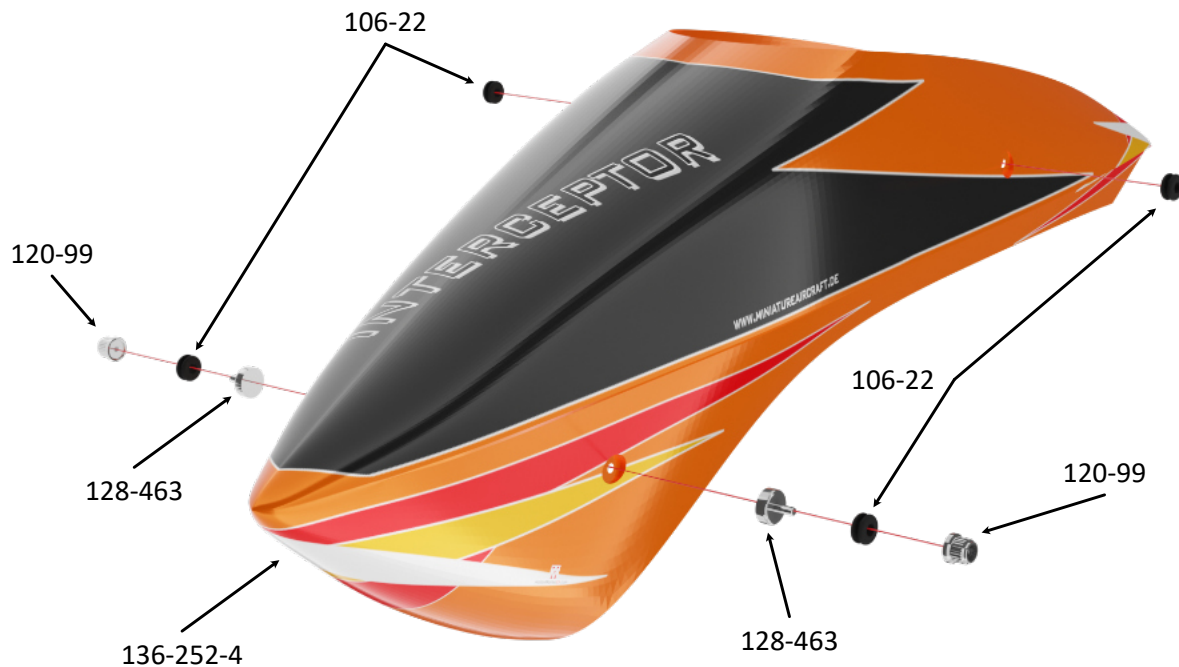
0016-2



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

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.



0004	
	M4
0021	
	M4
0082-5	
	M4 x 30mm
131-452	
	RC Clip