



WWW.XLPOWER-RC.COM

Instructions Manual





Release 1.0 Always check on www.xlpower-rc.com for a more recent version of this manual,

•	Length without main blades Overall height Width Tail rotor-Main rotor ratio Main pulley Autorotation pulley Tail pulley Main Gear ratio Weight without battery Main shaft diameter.	134mm 4.7 (5.0 optional) 106T M1 80T 17T 9.636 (10.6-8.3 optional) Arround 3.6kg
		15mm
	Feathering shaft diameter Tail boom diamater	10mm
	Battery tray size	27mm
	Dattery tray 5120	350mm*66mm*70mm(12s-14s)

Always follow these rules for safety





Operate the helicopter in open areas with no people nearby.

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

-in places where children gather or people pass through

-in residential areas and parks

-indoors and in limited space

-in windy weather or when there is rain, snow, fog or other precipitation

If you do not observe these instructions you may be held liable for personal injury or property damage! Always check the R/C system prior to operating your helicopter. When the R/C system batteries get weaker, the operational range of the R/C system decreases. Note that you may lose control of your model when operating it under such conditions. Keep in mind that other people around you might also be operating a R/C model. Never use a frequency which someone else is using at the same time. Radio signals will be mixed and you will lose control of your model.

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

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

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

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

A single loose screw may cause a major accident.

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

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

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

Perform all necessary maintenance.

PRIOR TO ADJUSTING AND OPERATING YOUR MODEL, OBSERVE THE FOLLOWING

Operate the helicopter only outdoors and out of people's reach as the main rotor operates at high rpm! While adjusting, stand at least 10 meters

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

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

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

R/C equipment and required for assembly



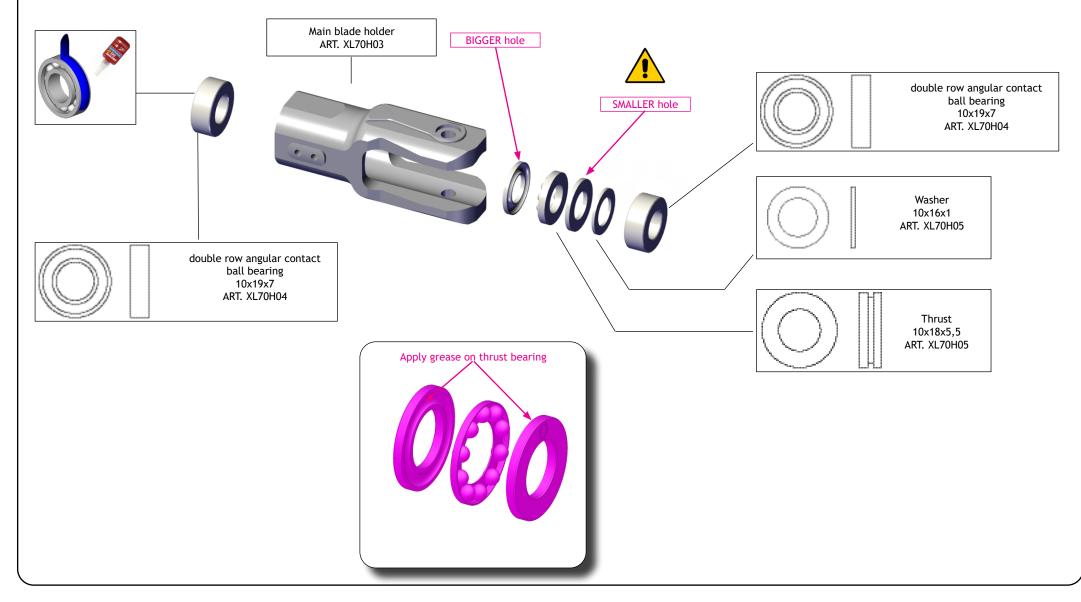


Swashplate servos supported: all standard servos (qnty. 3)	ESC: 130HV-250HV	Hexagon screw drivers : 1,5mm,2mm,2*2.5mm,3m- m,2*4mm
Tail servo supported: all standard servos (qnty. 1)	Main blades: standard full carbon blades 690mm - 716mm	where indicated use Thread lock MEDIUM
Trasmitter Receiver/satellite Flybarless unit	Tail blades: standard full carbon blades 105mm to 115mm	Thrust bearing grease
Battery pack: LiPo 6s 4000-5500mAh *2	Motor: 4525-4530 500kv-550kv	Pitch gauge





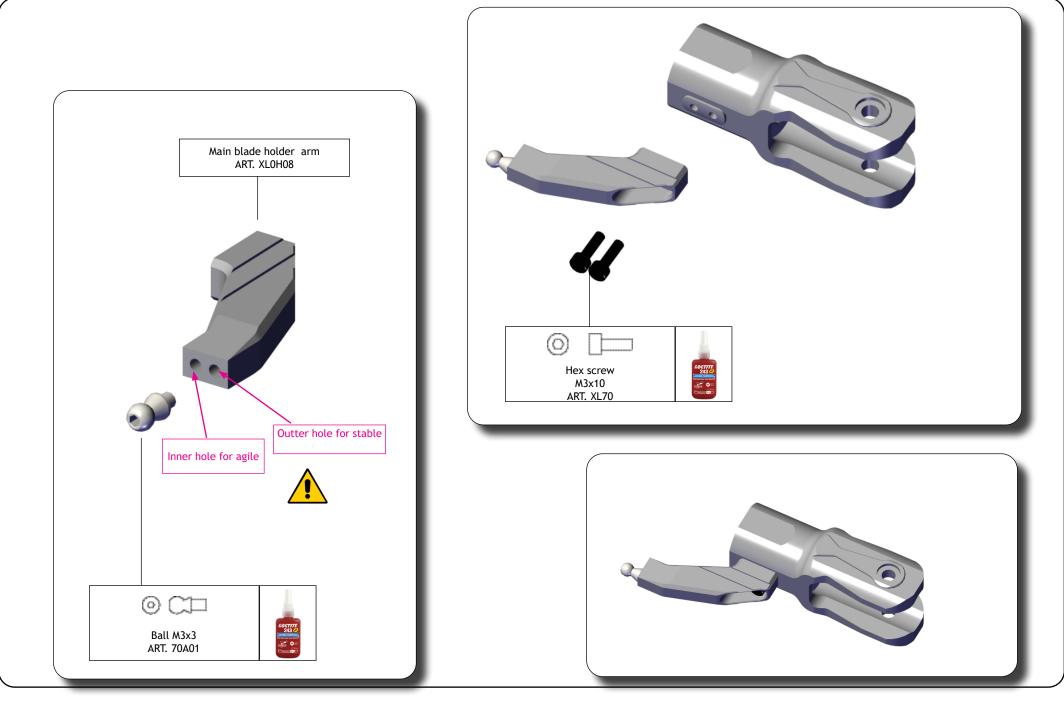








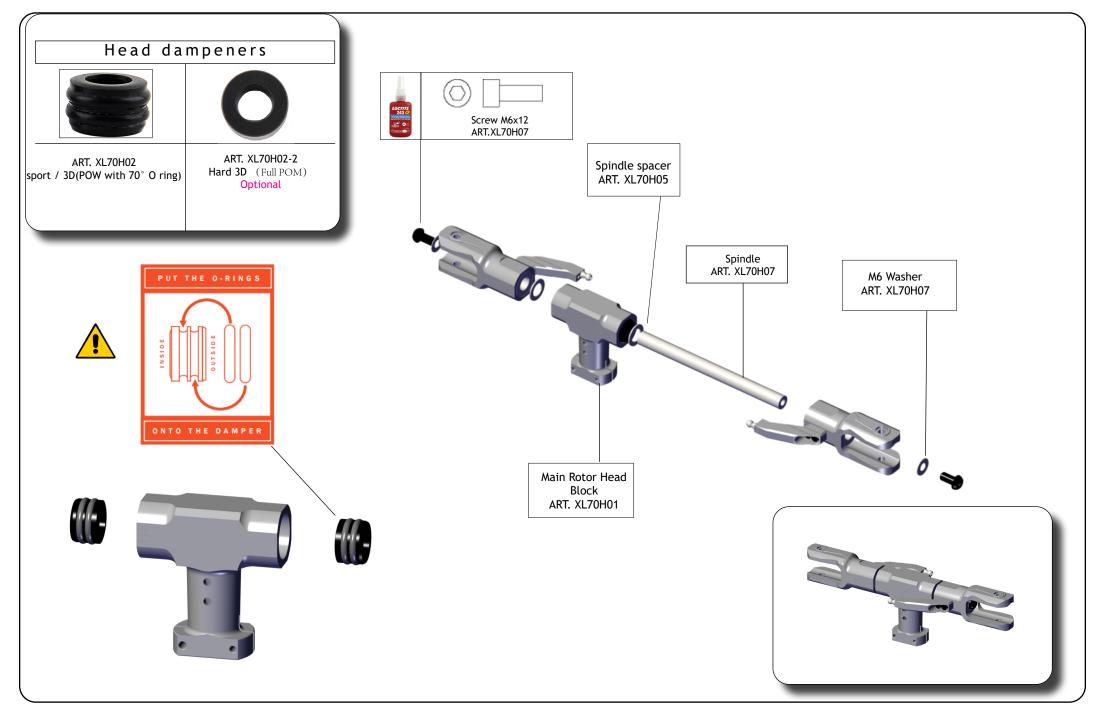




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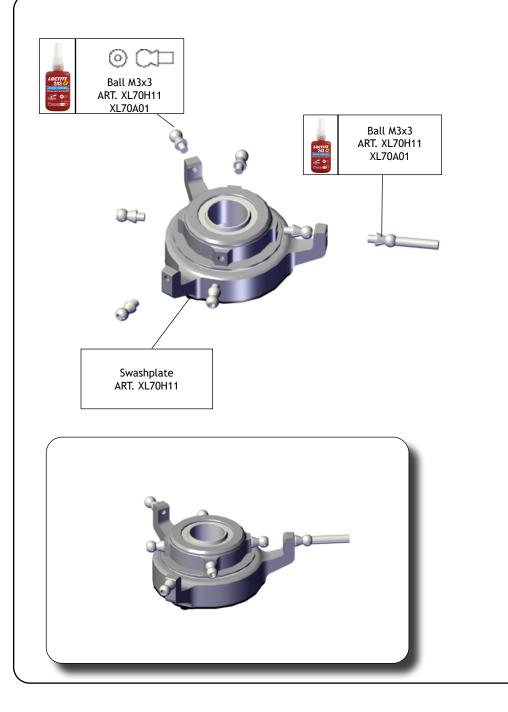


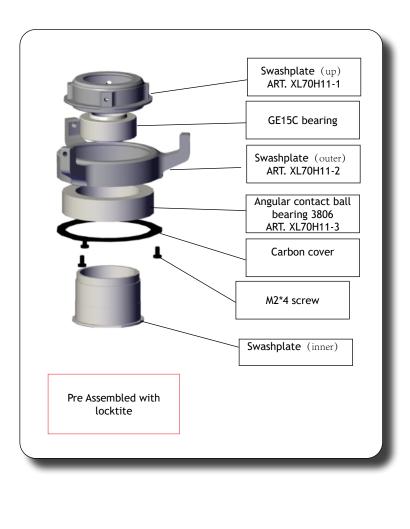


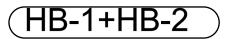






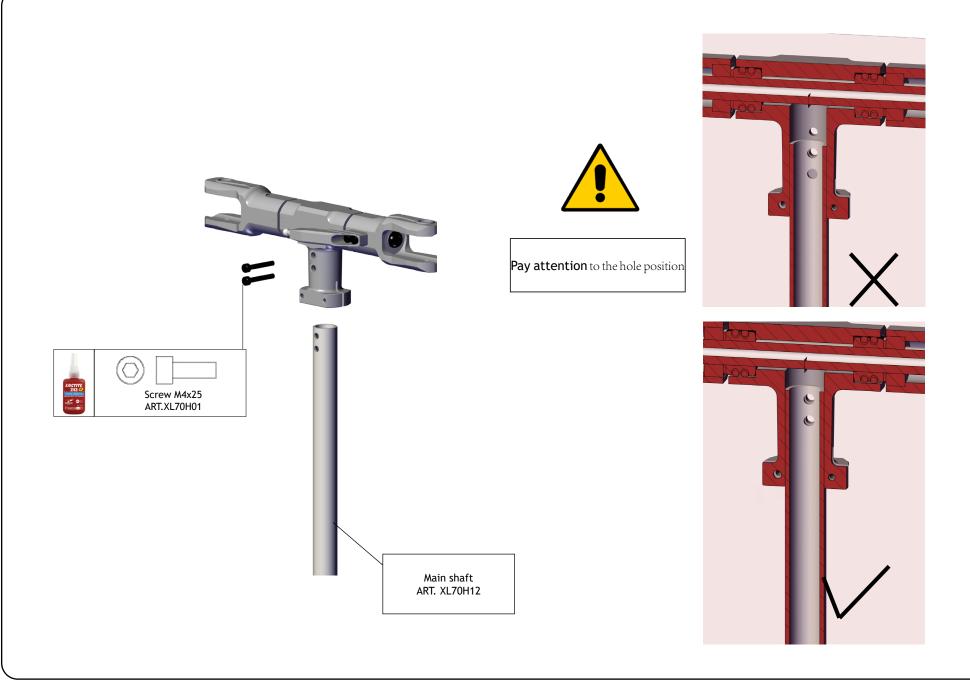








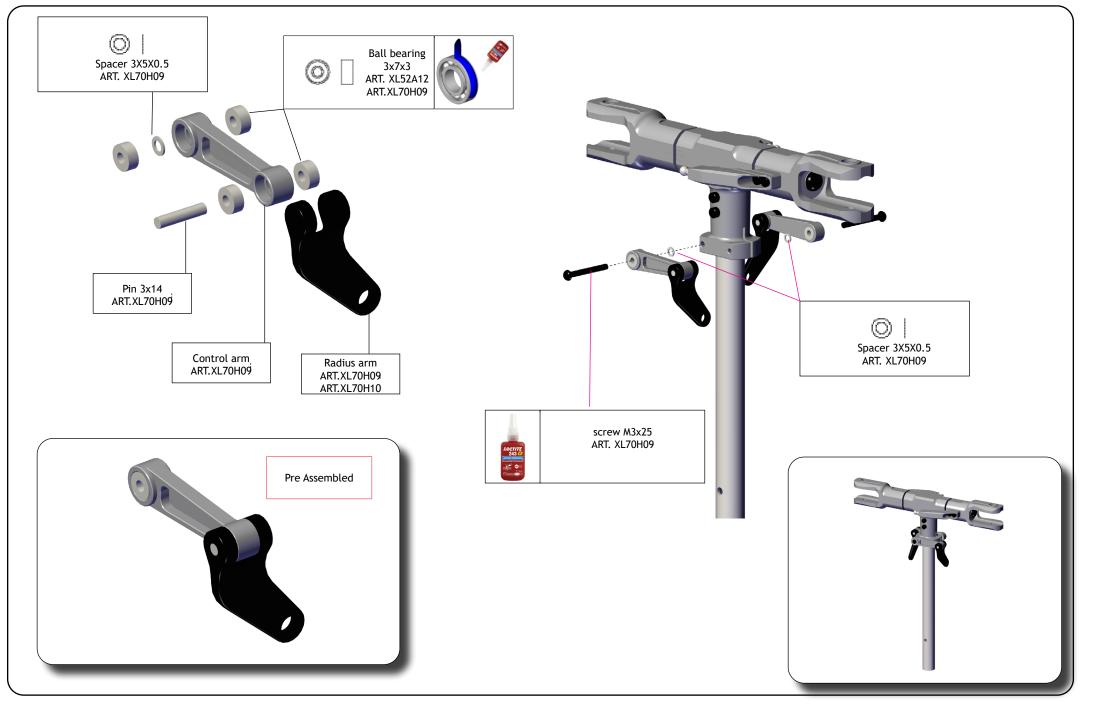








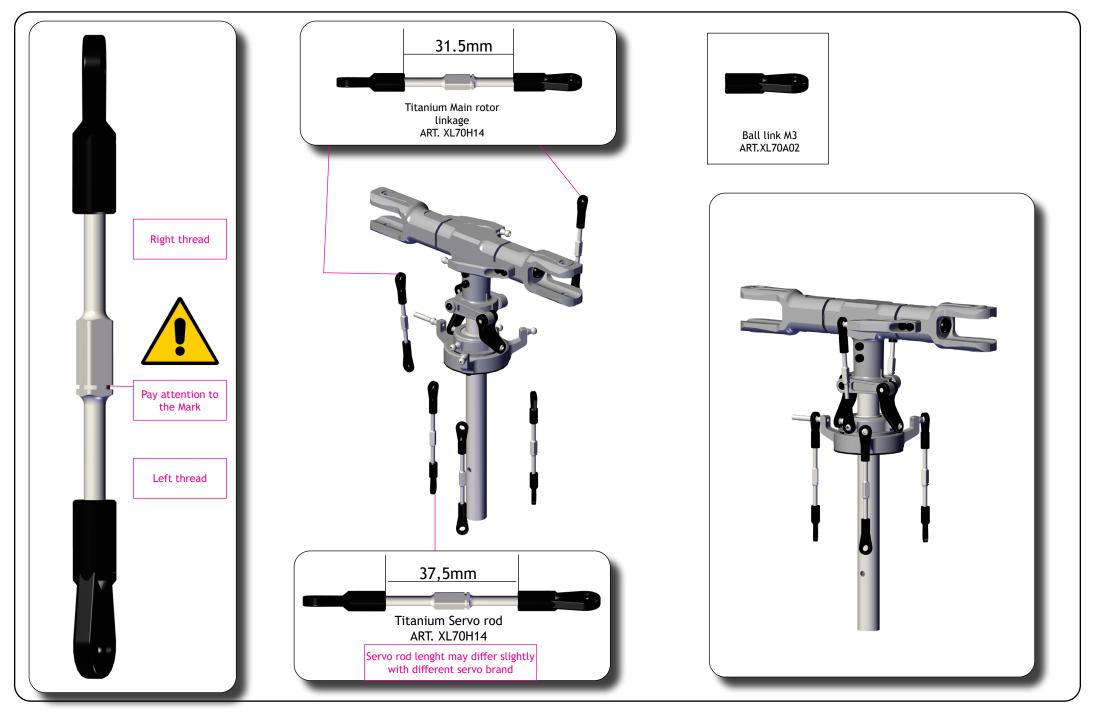






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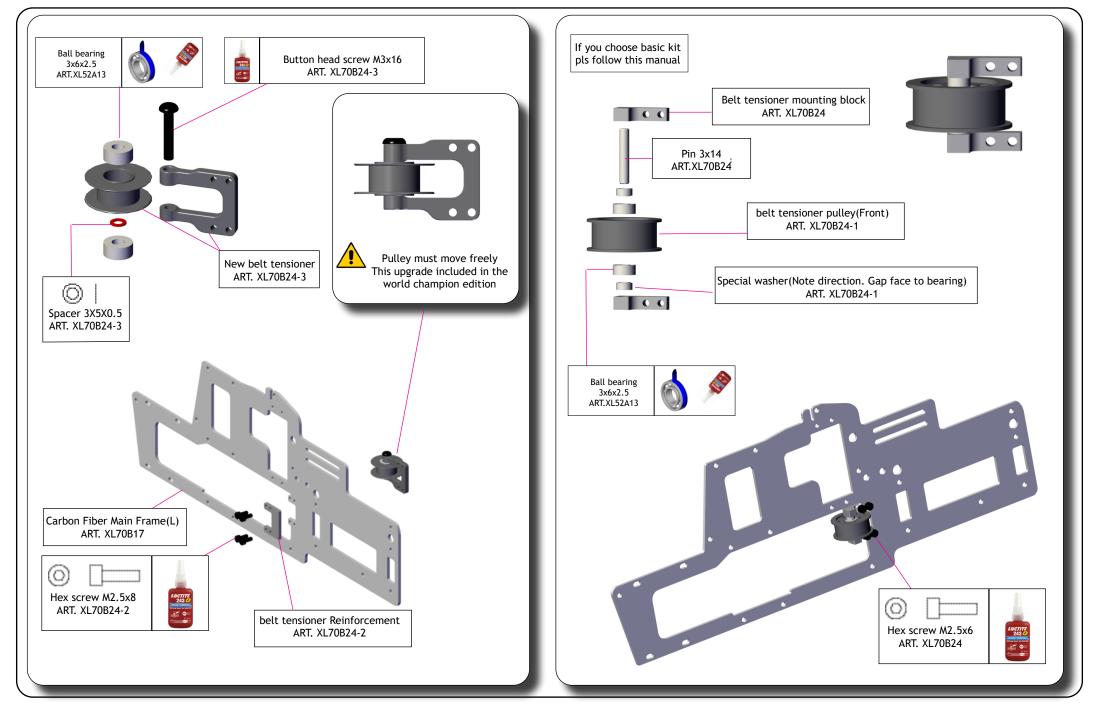






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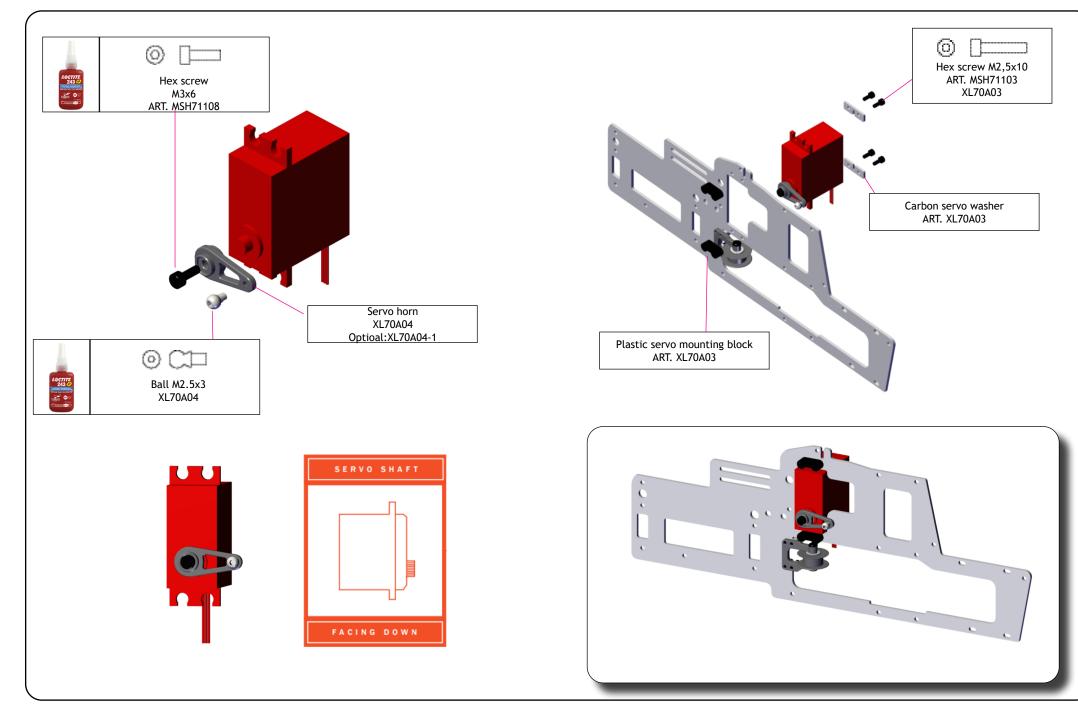








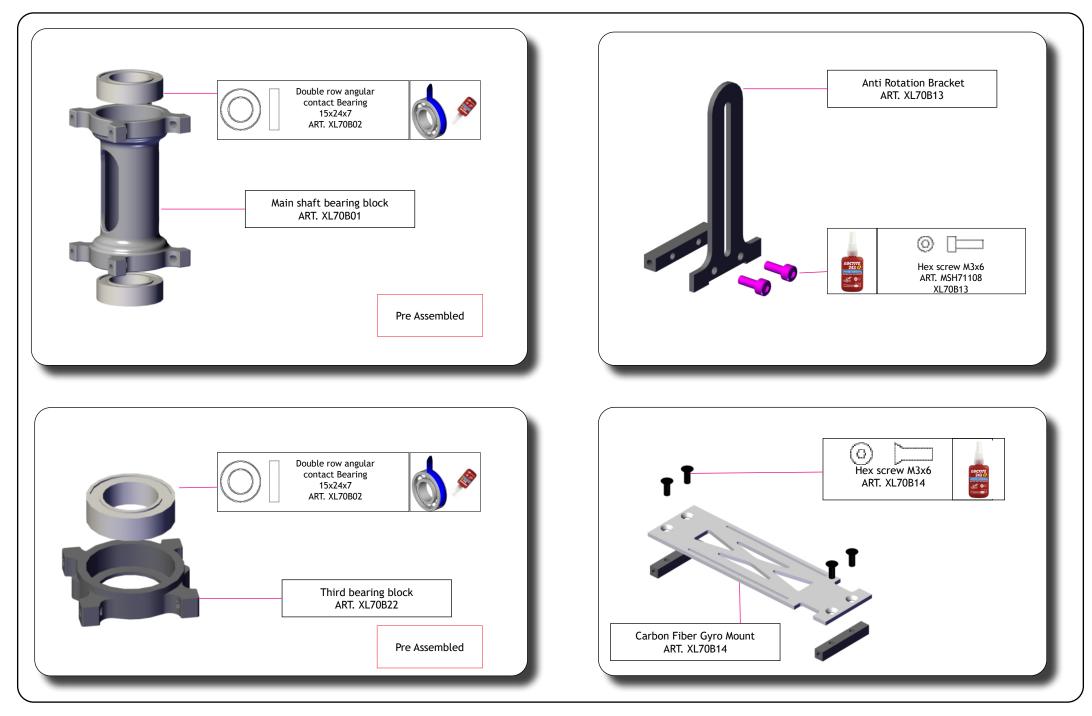








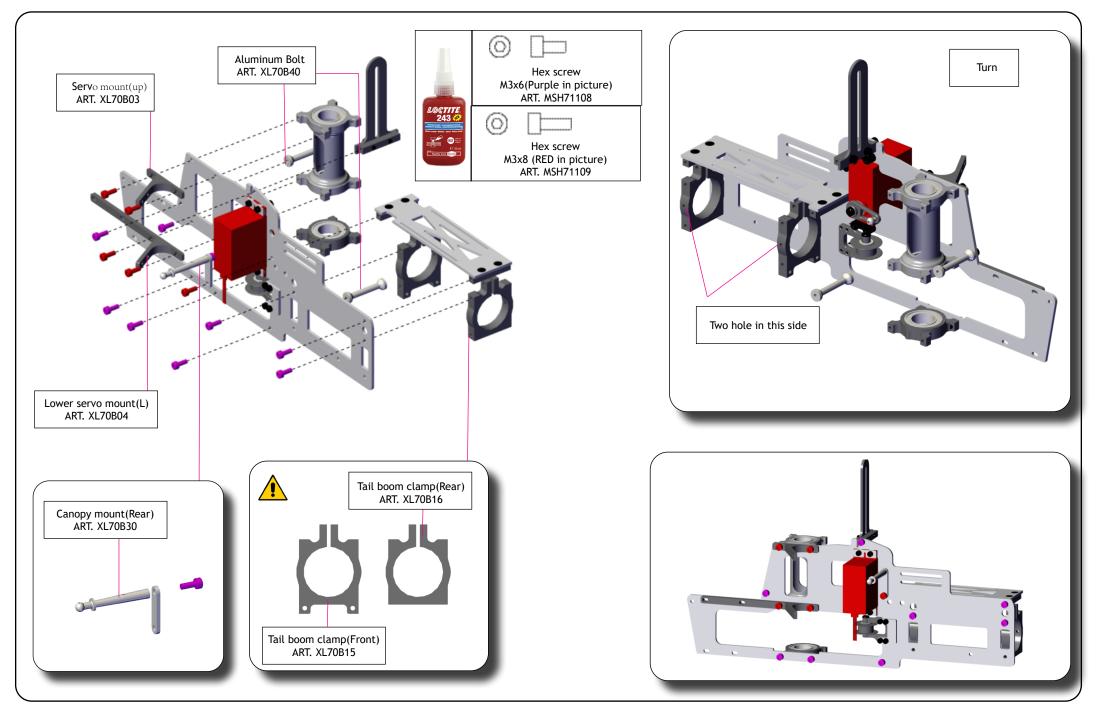






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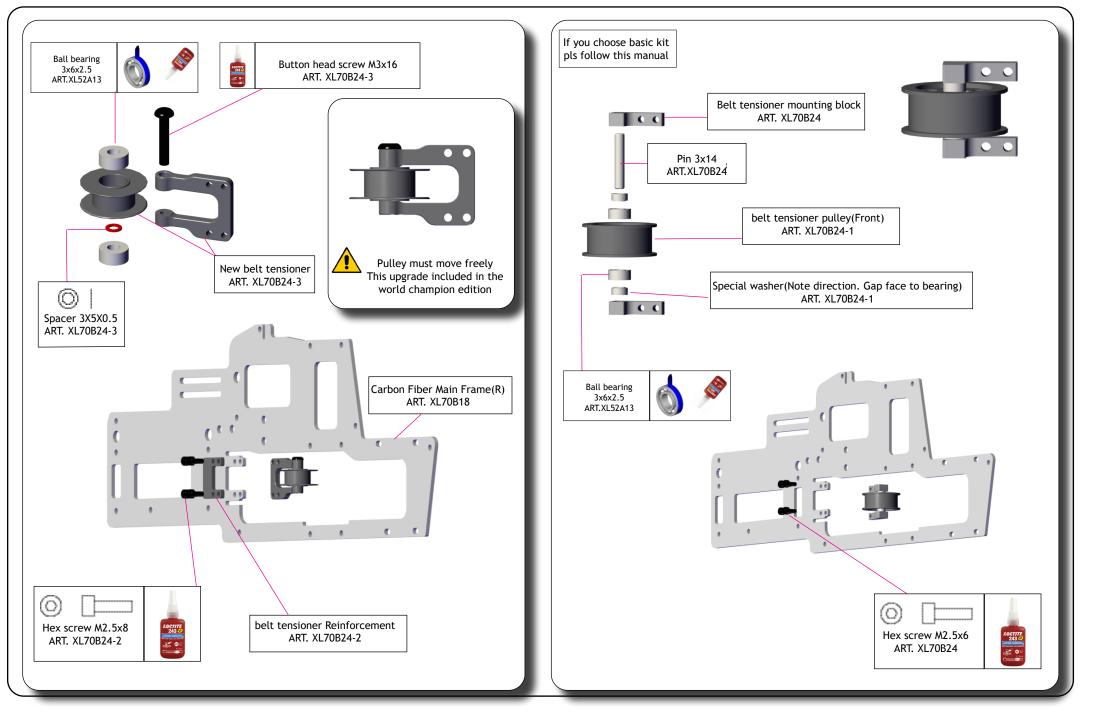






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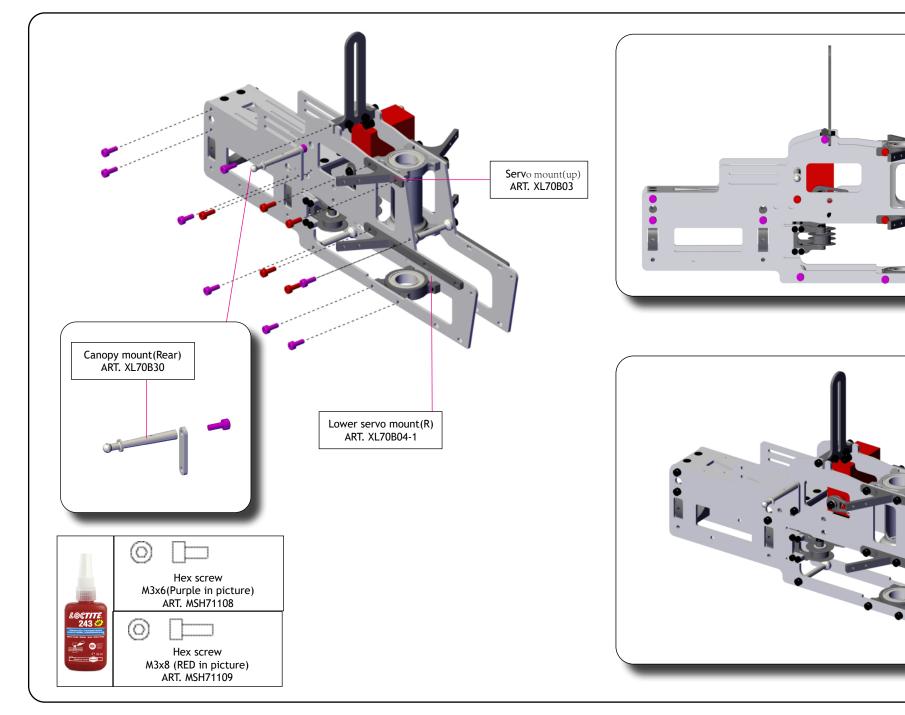








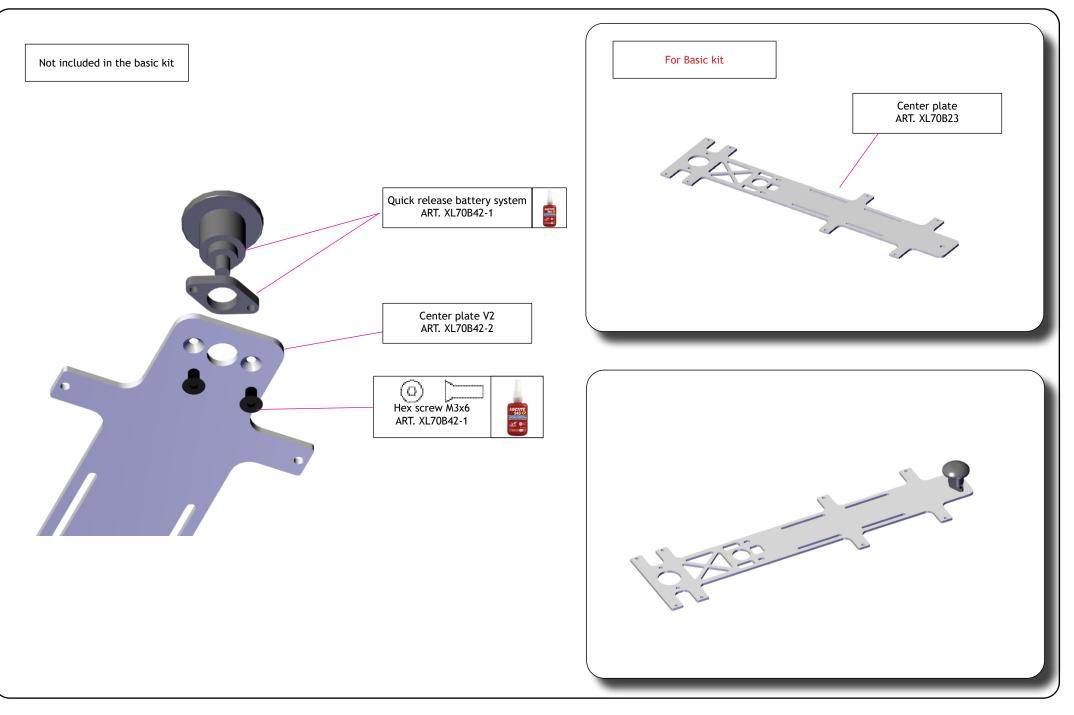








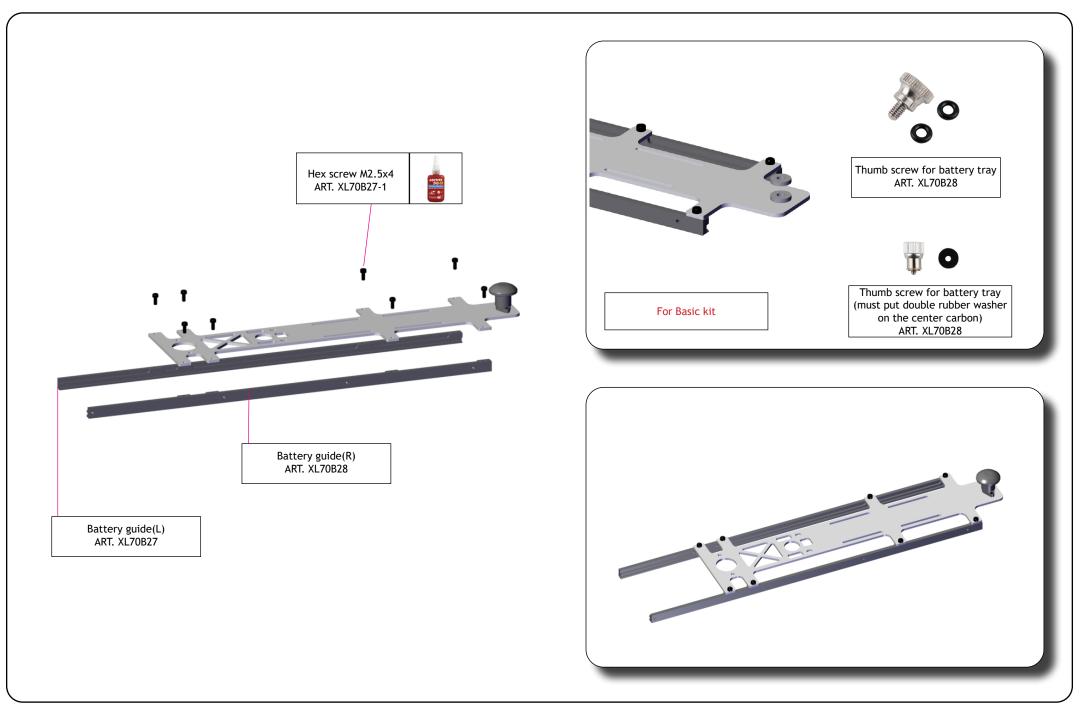








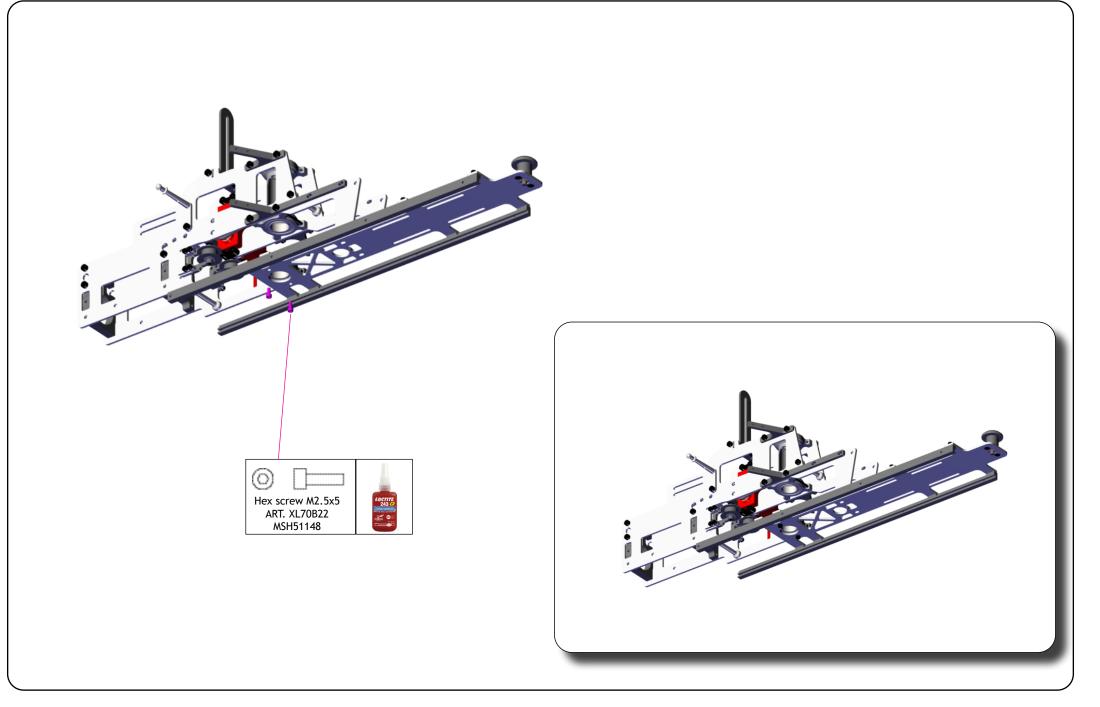


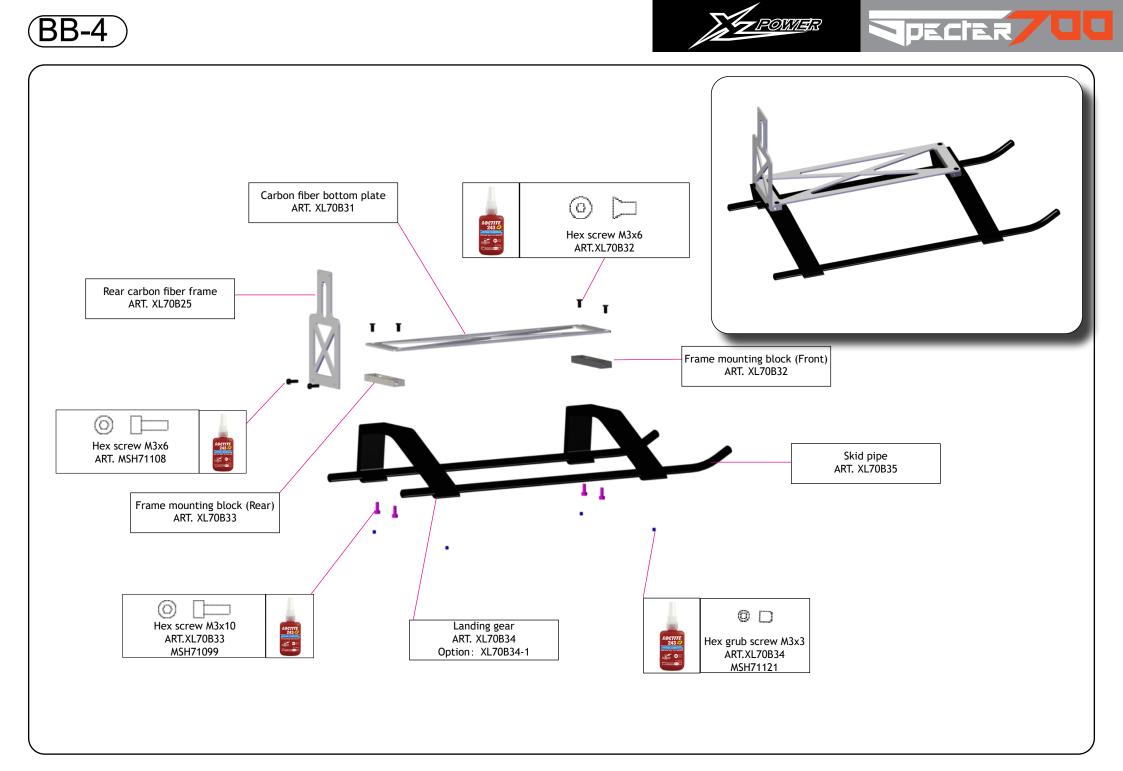








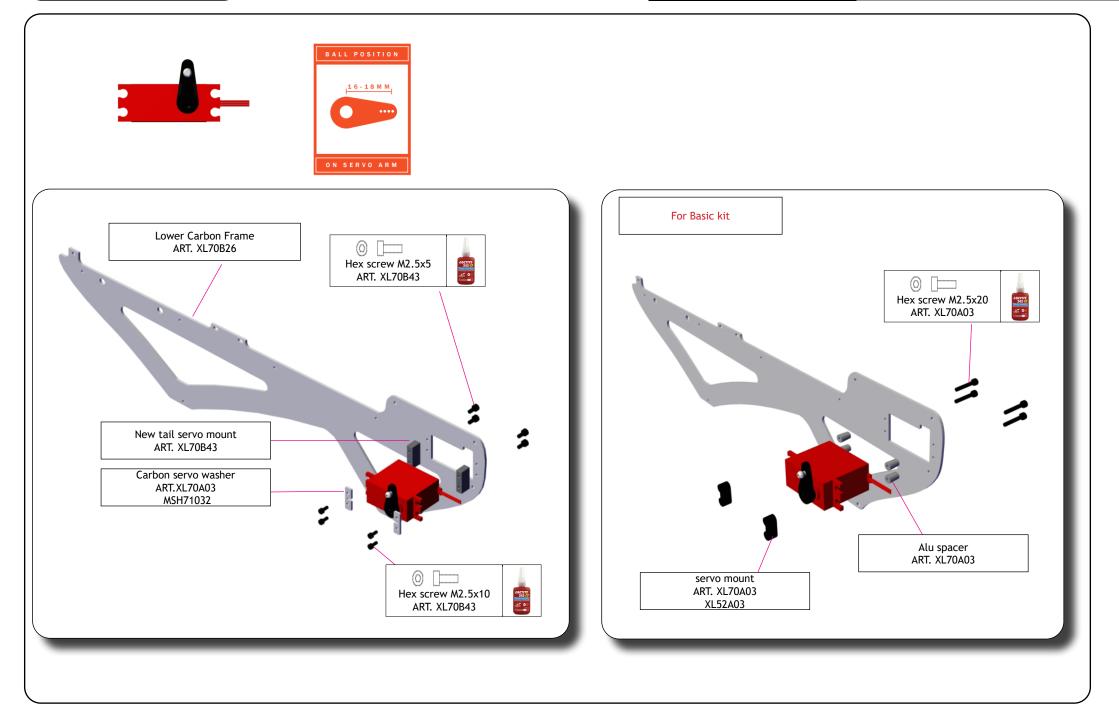








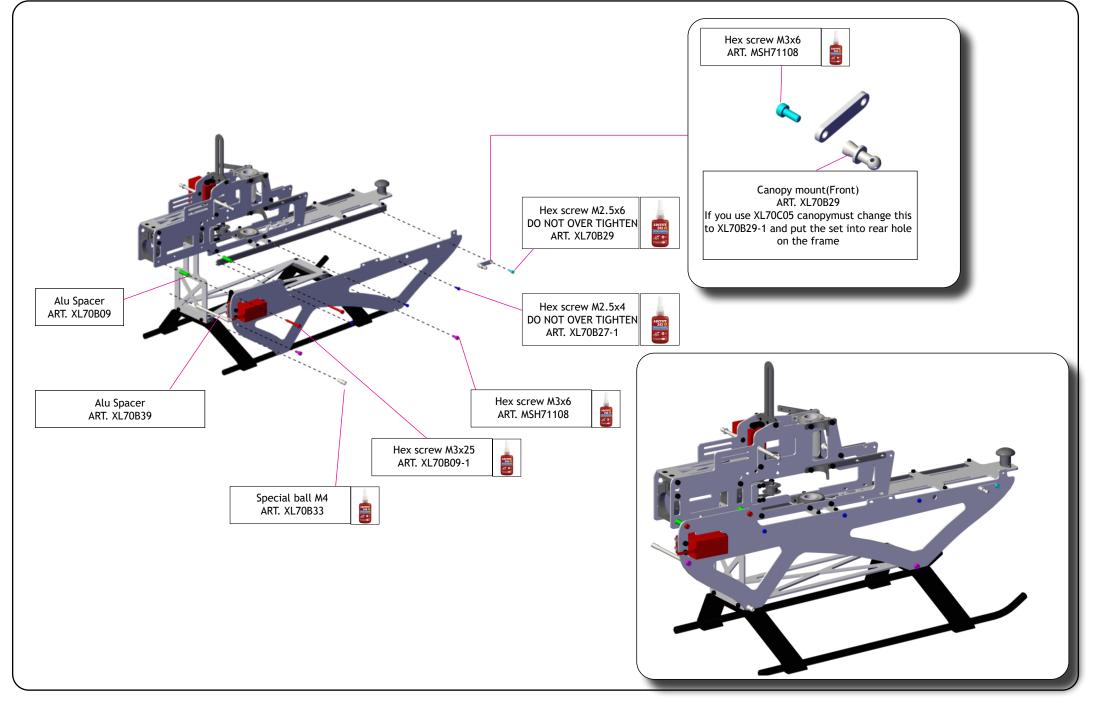








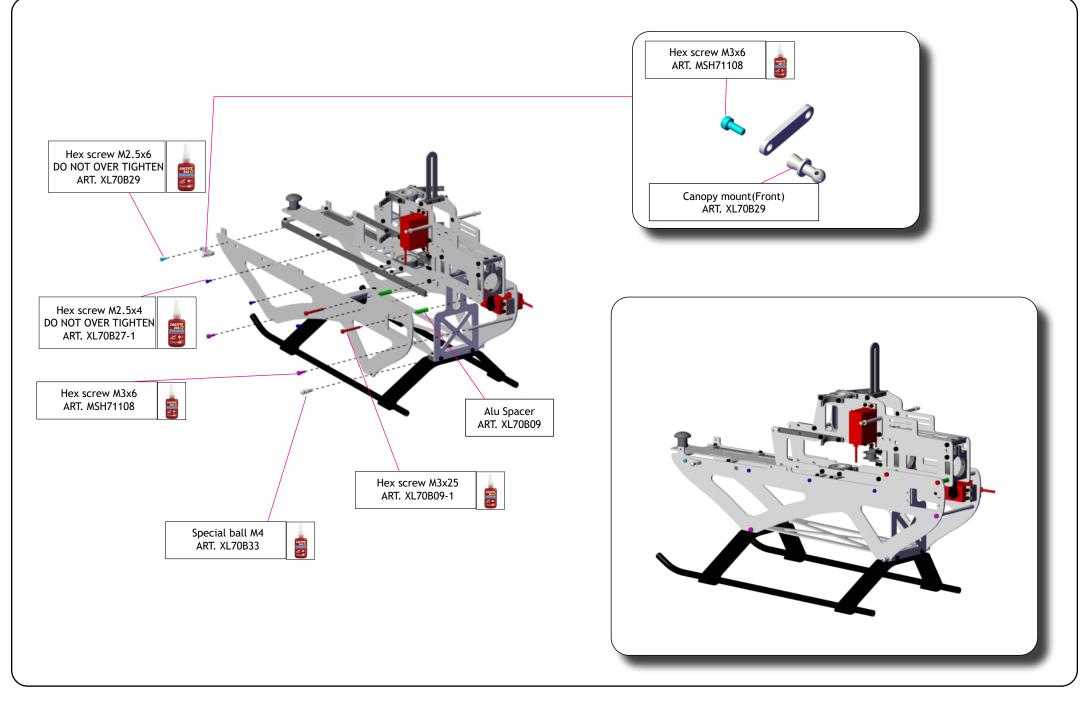






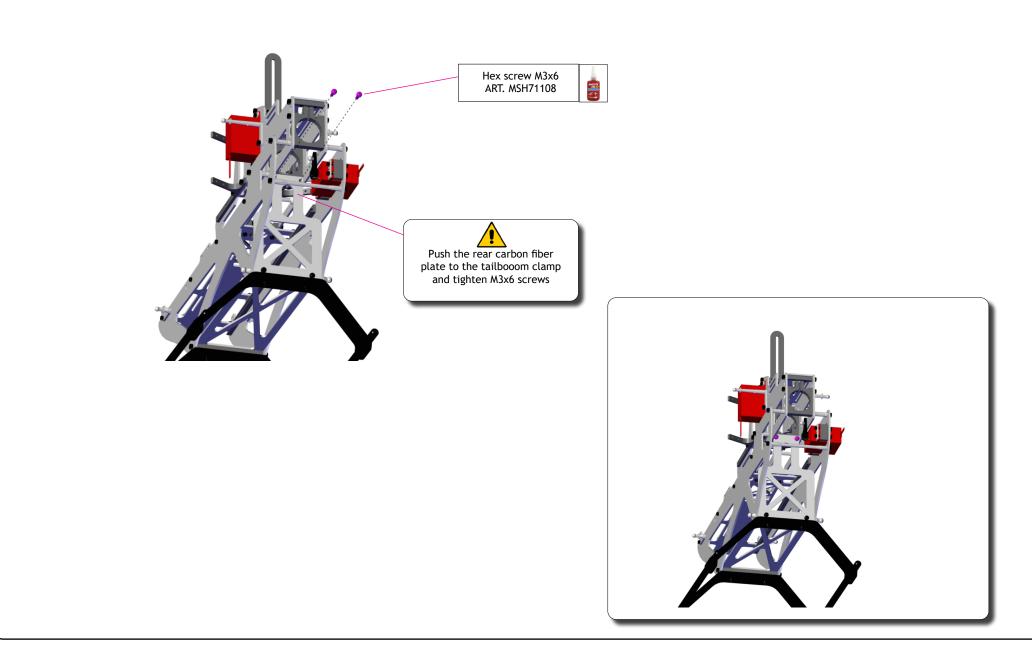








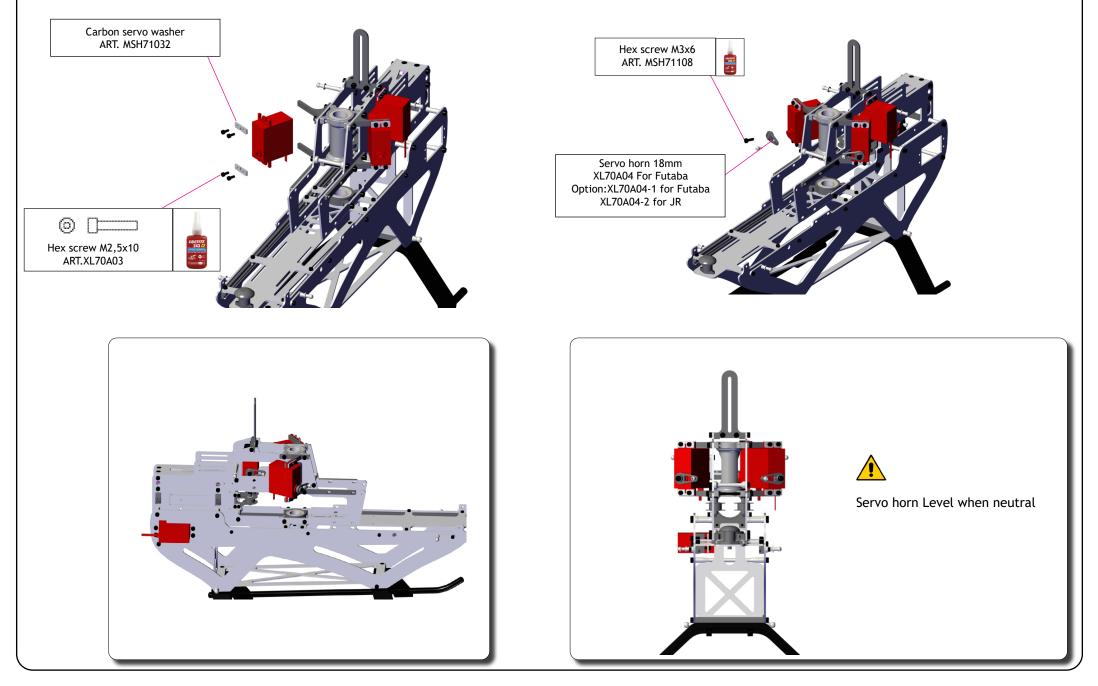


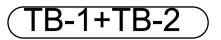






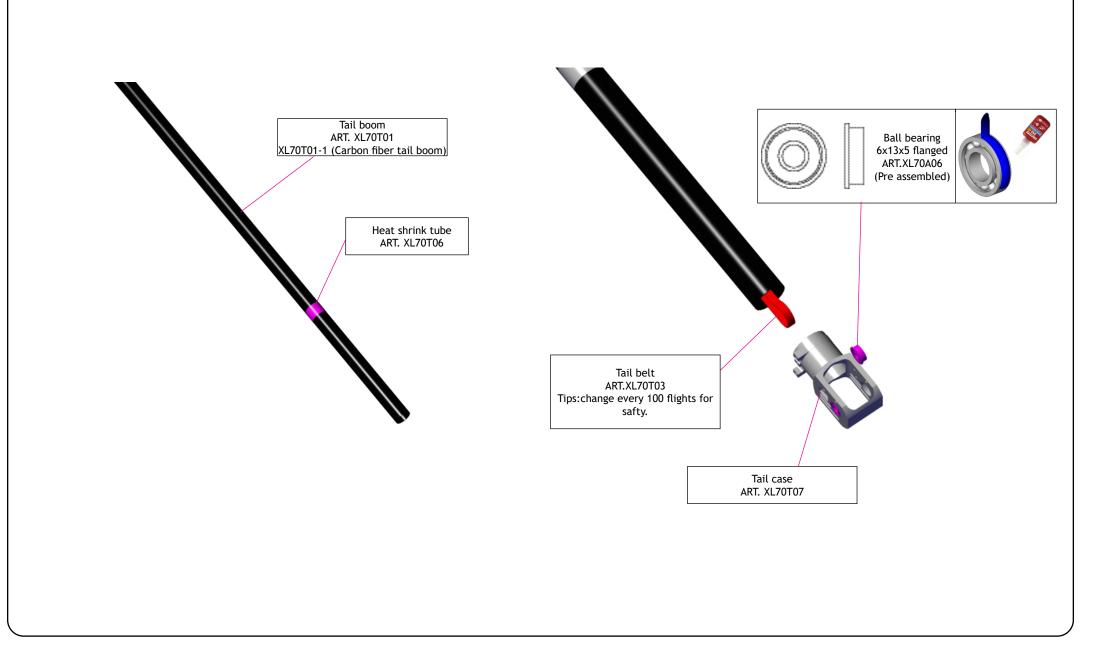




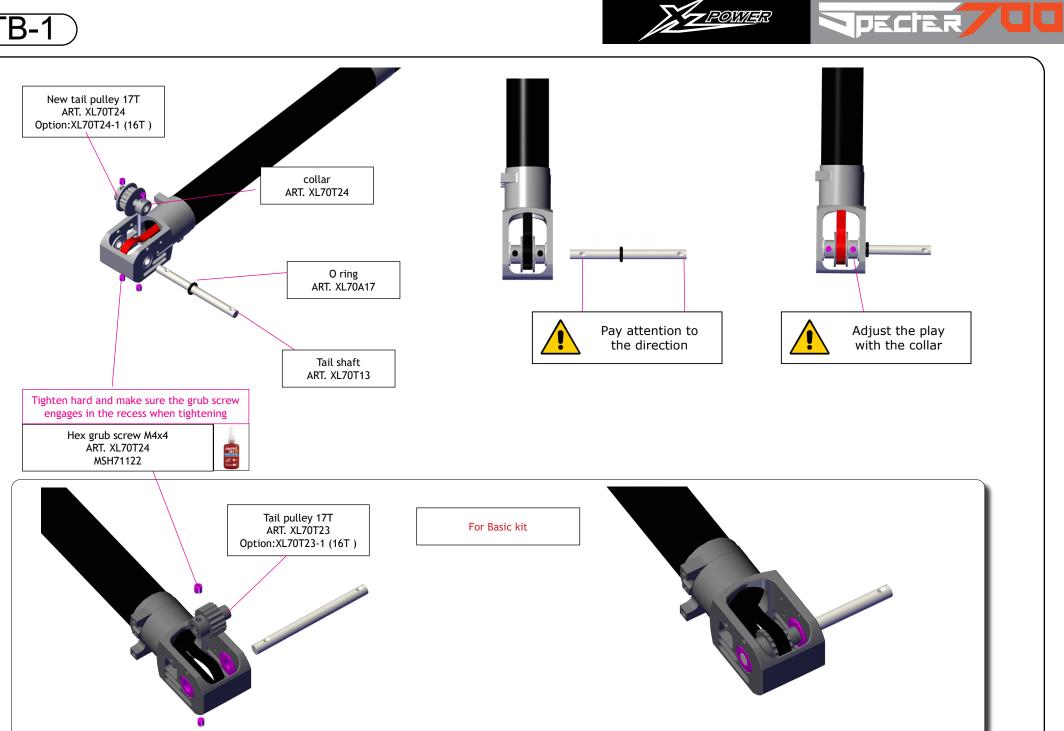






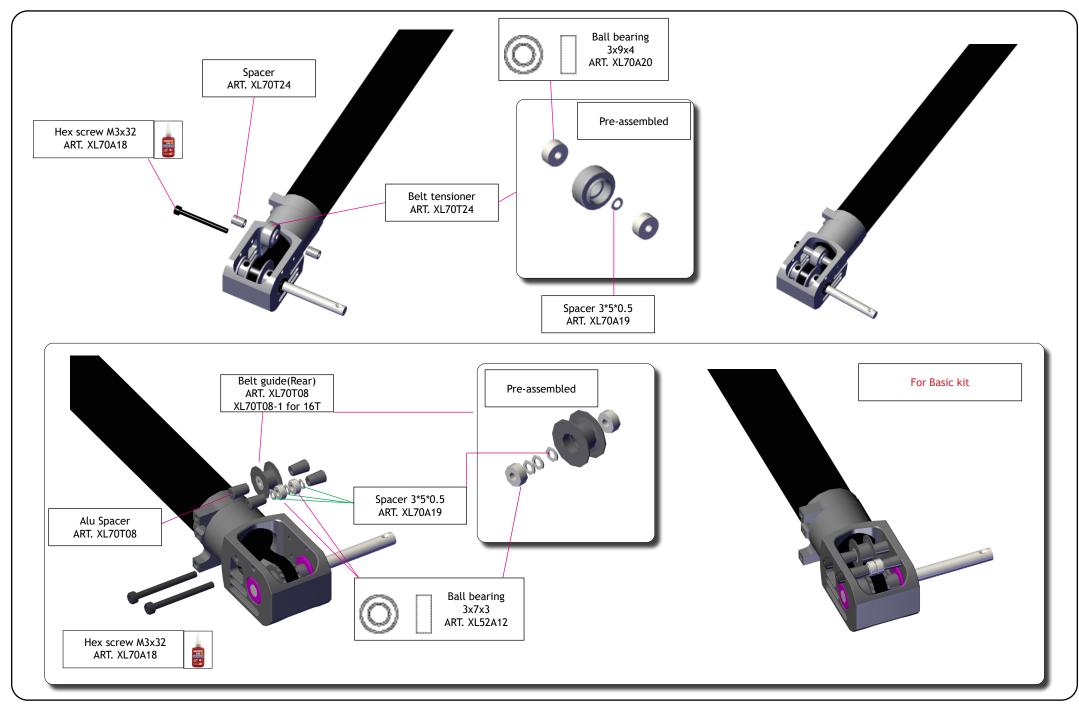


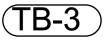






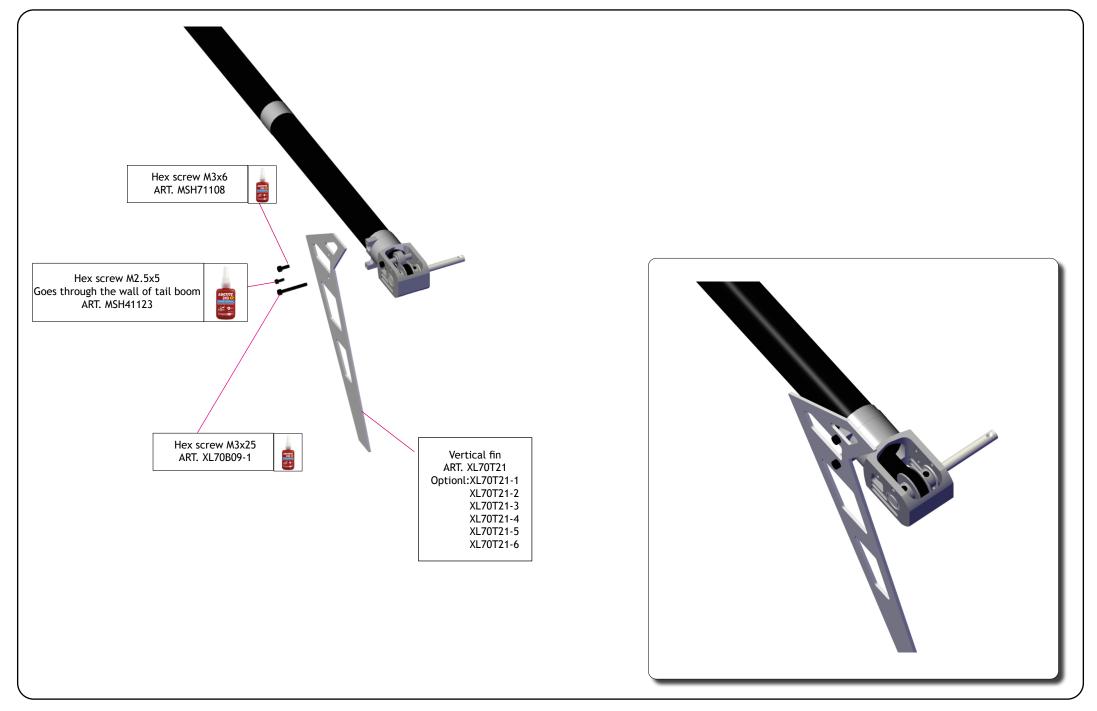








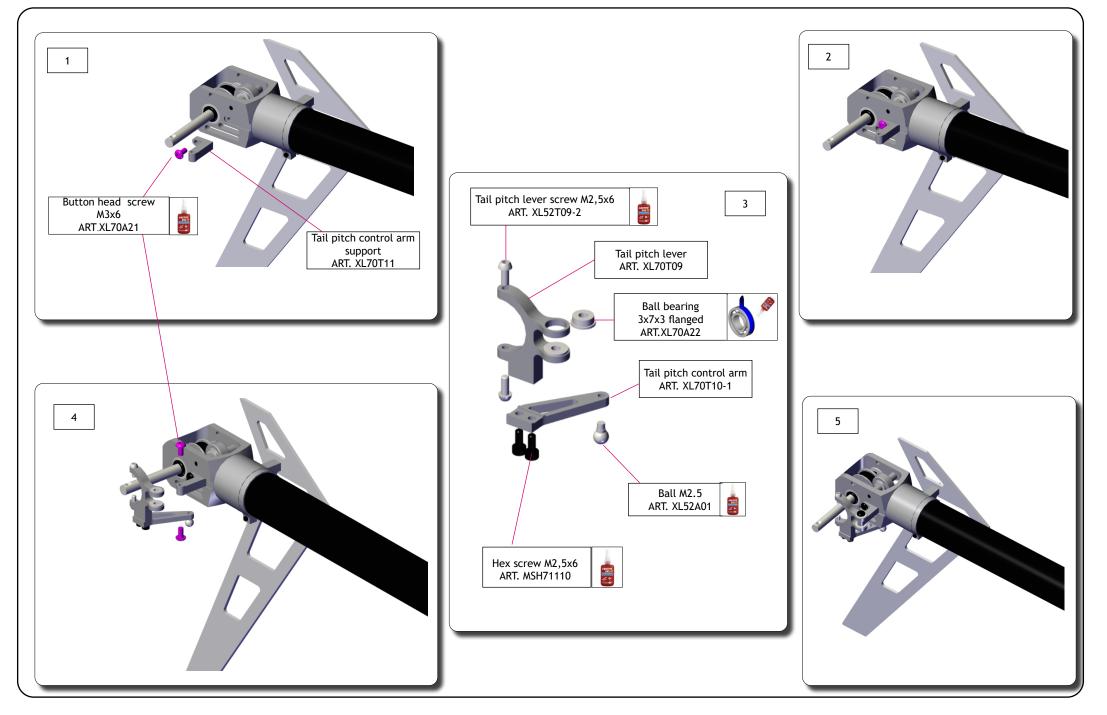








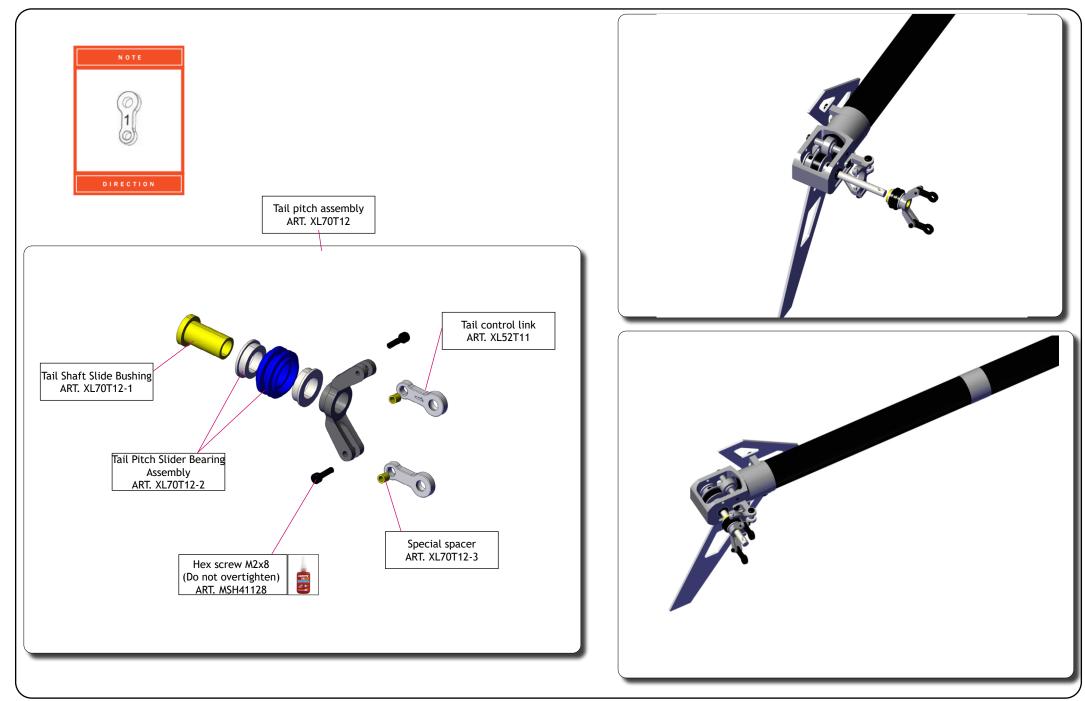


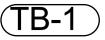






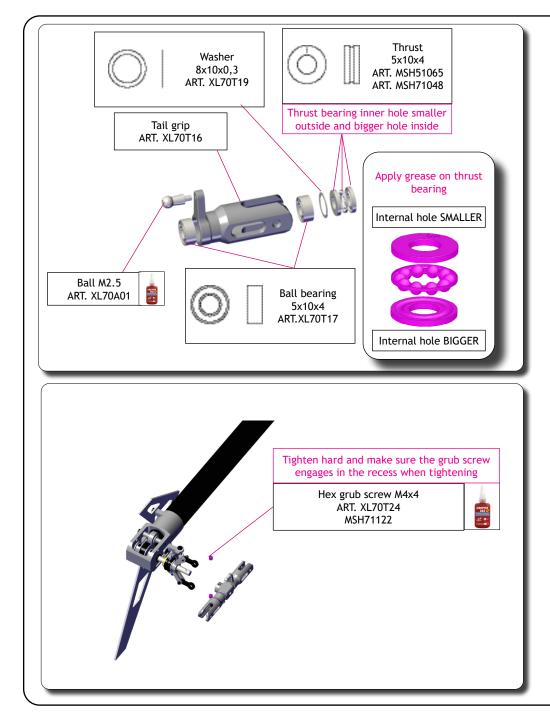


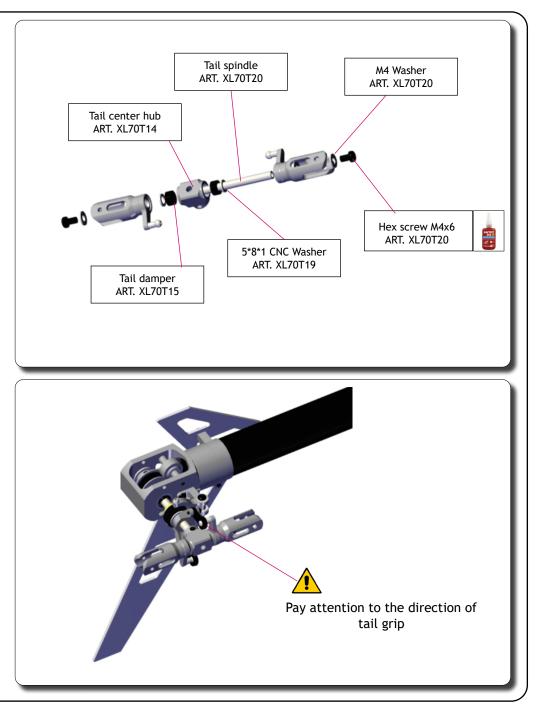




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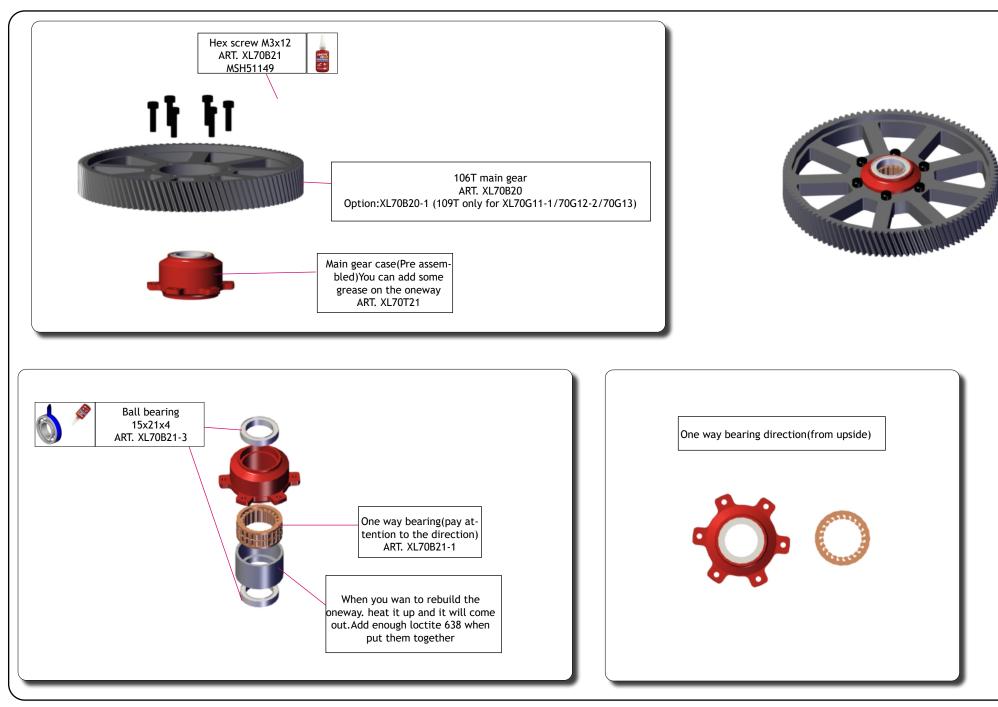






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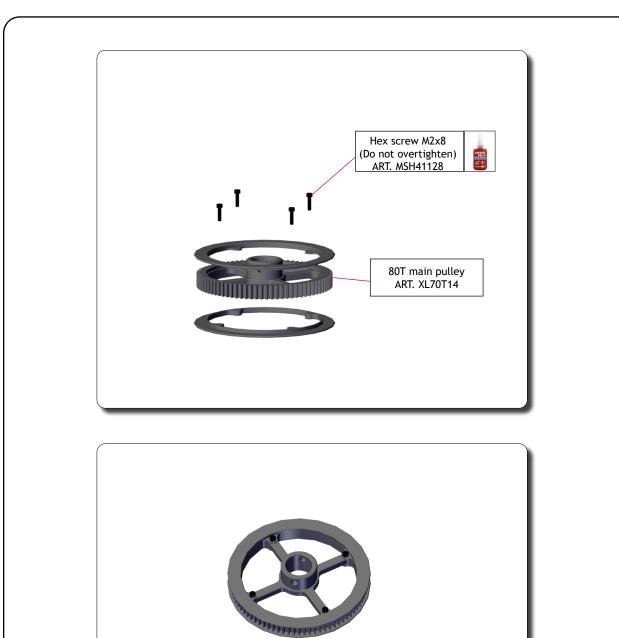




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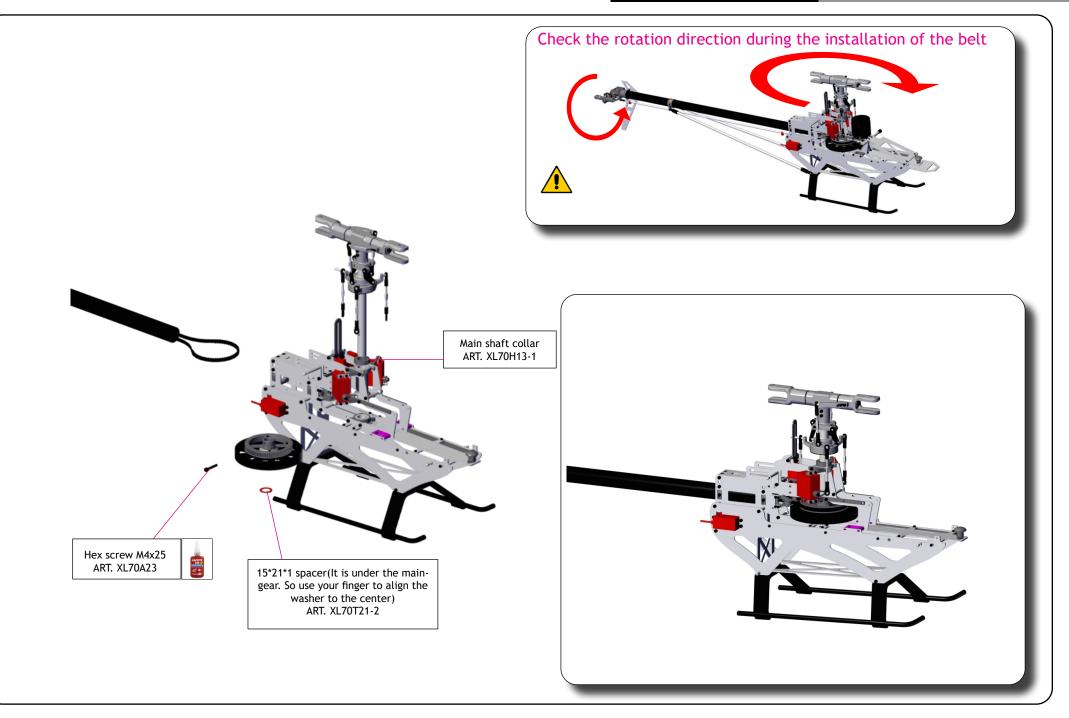


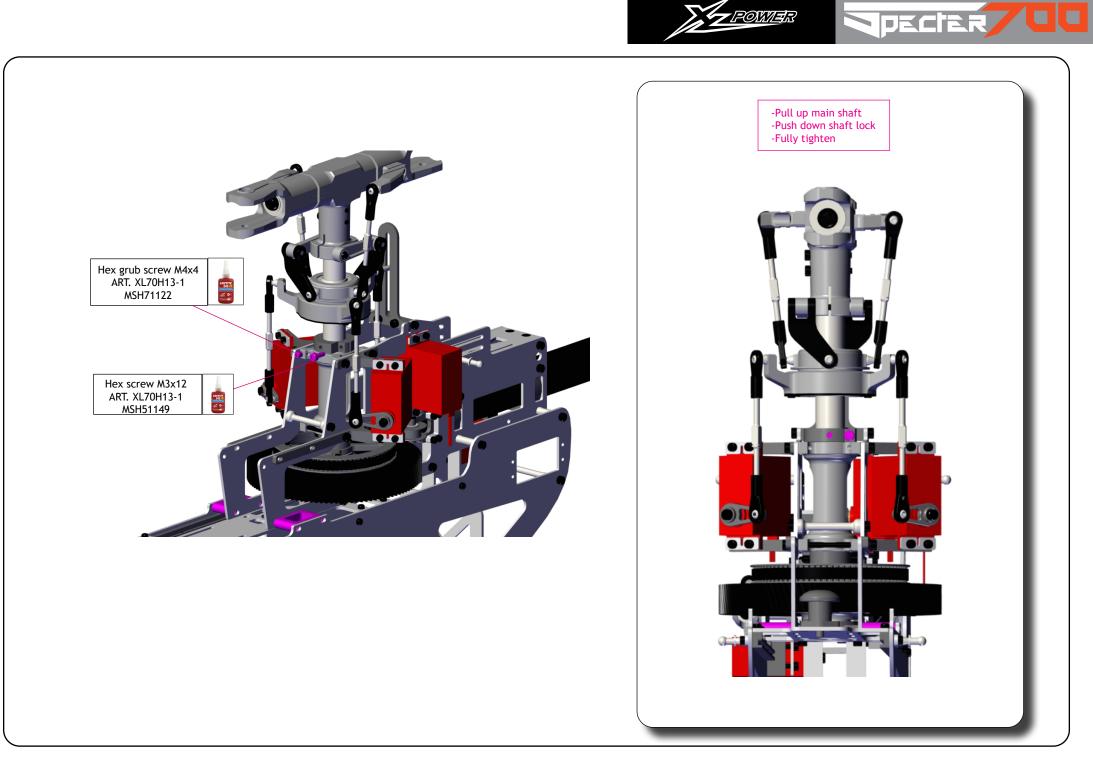


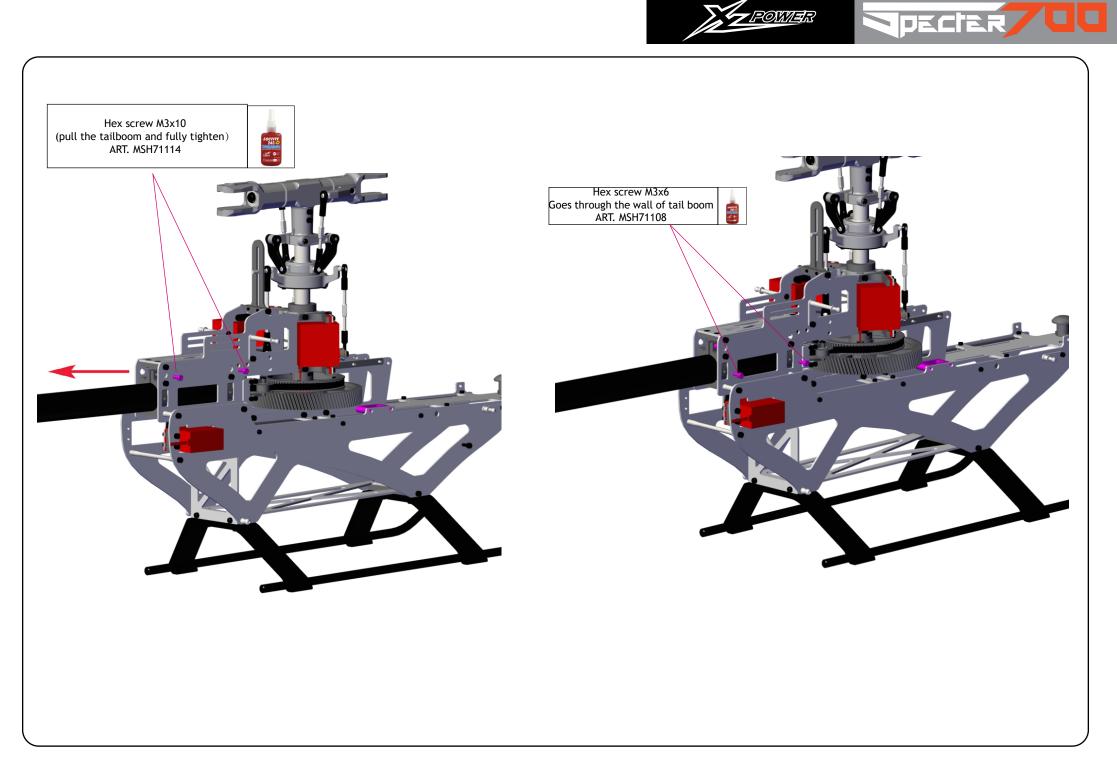








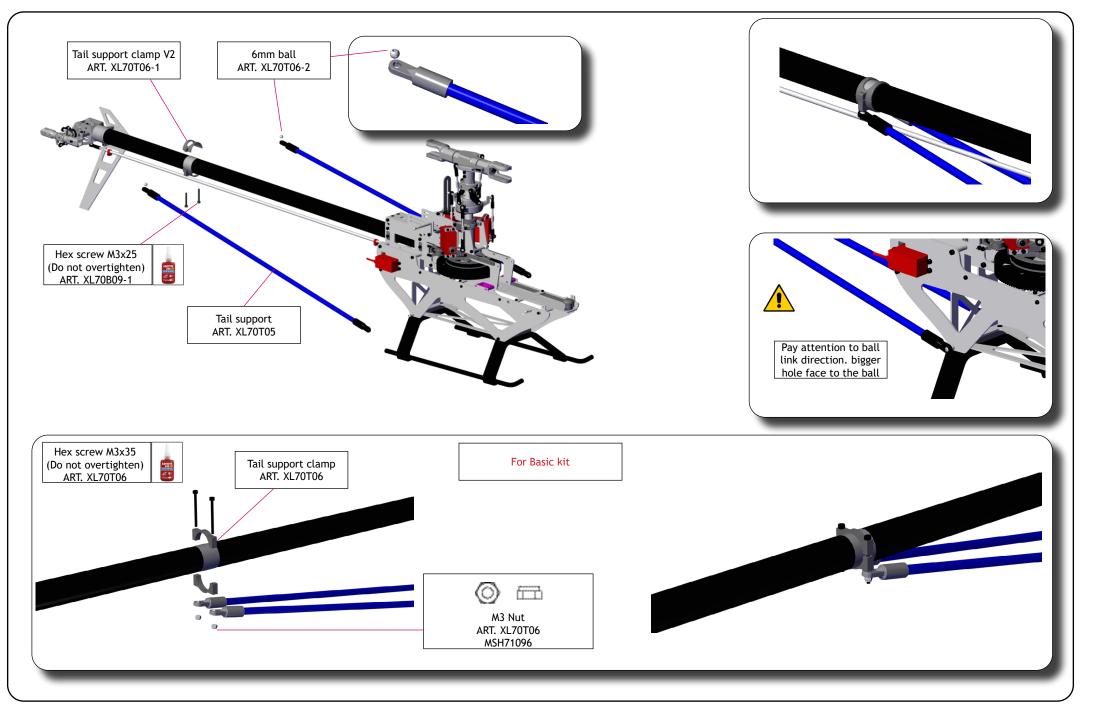






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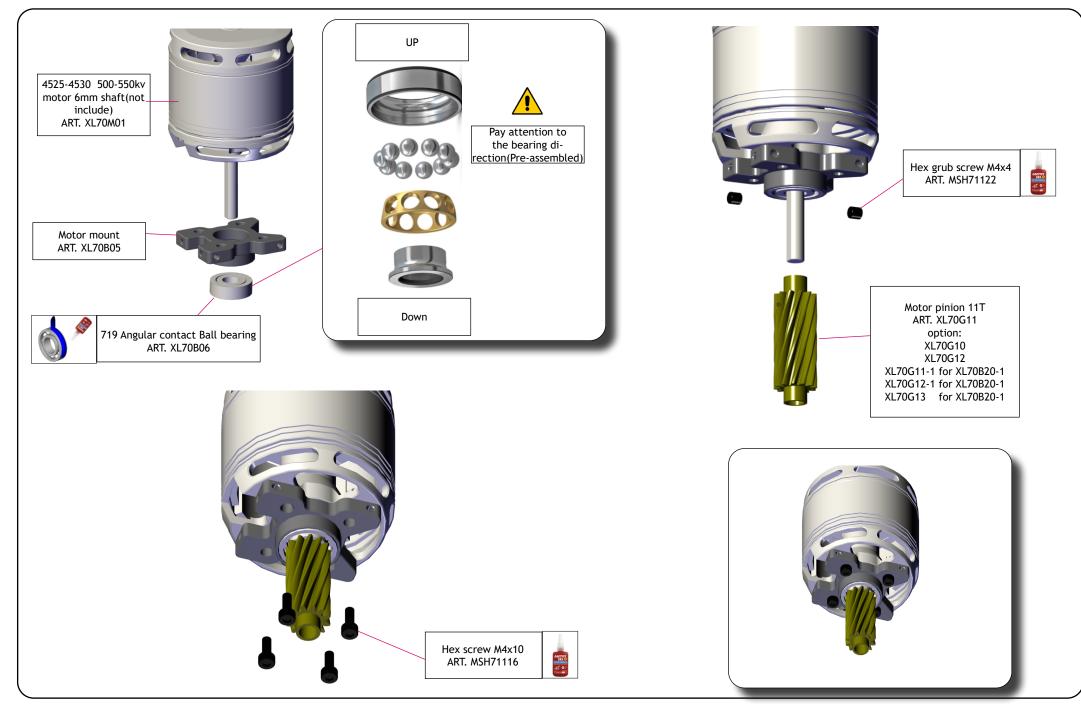








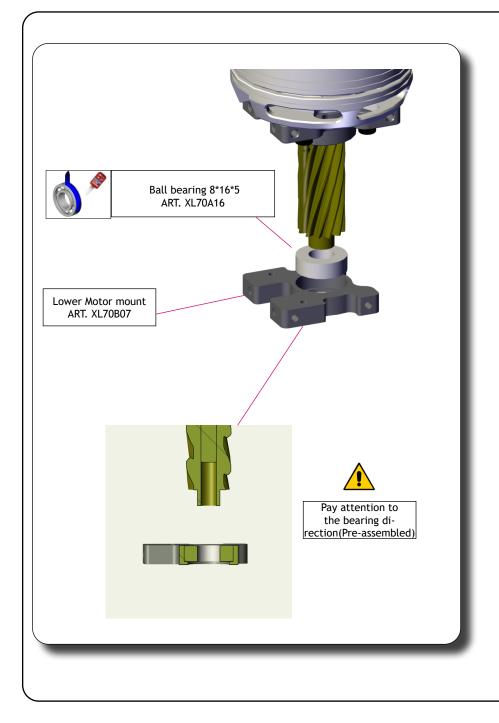


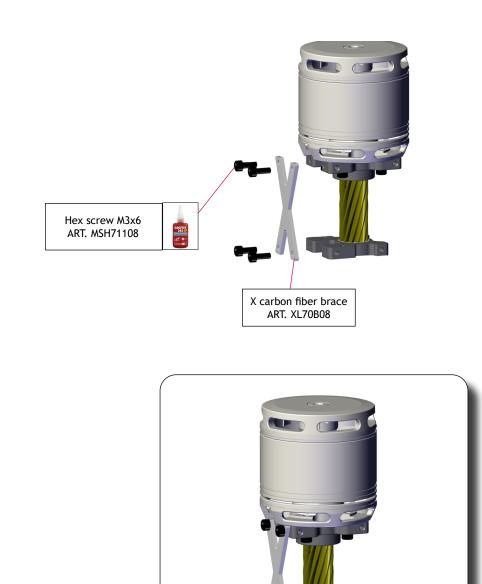






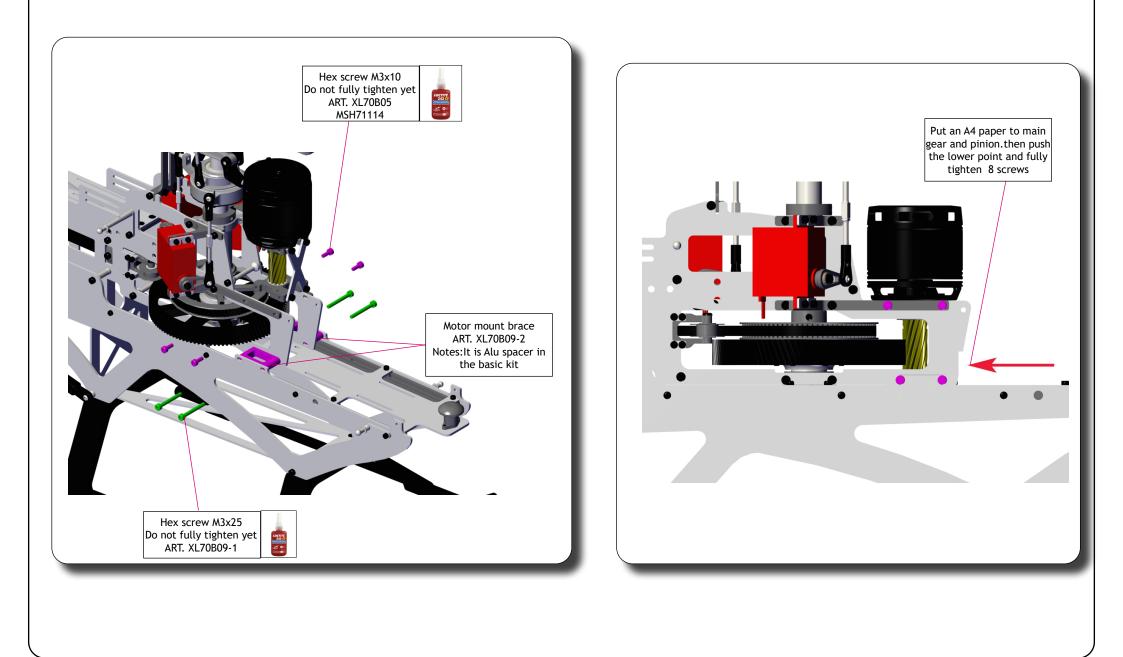






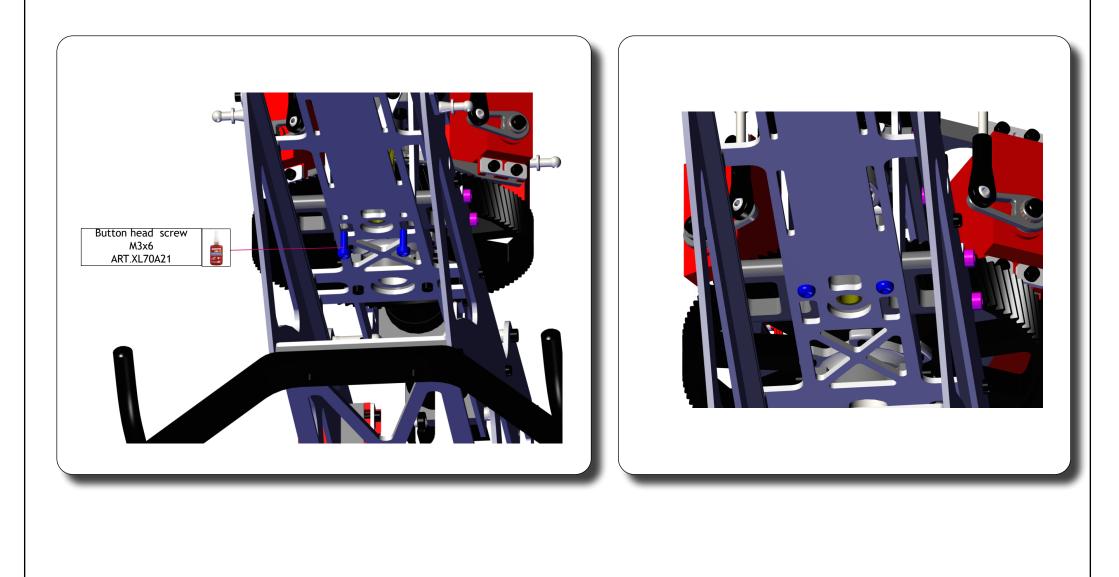


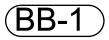




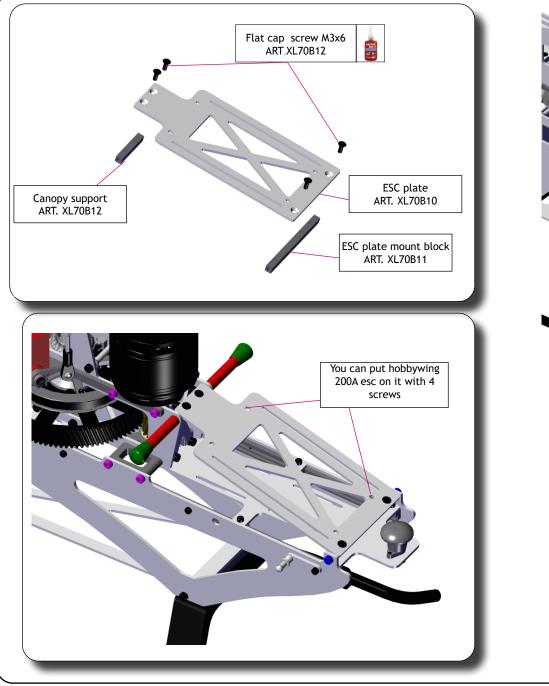


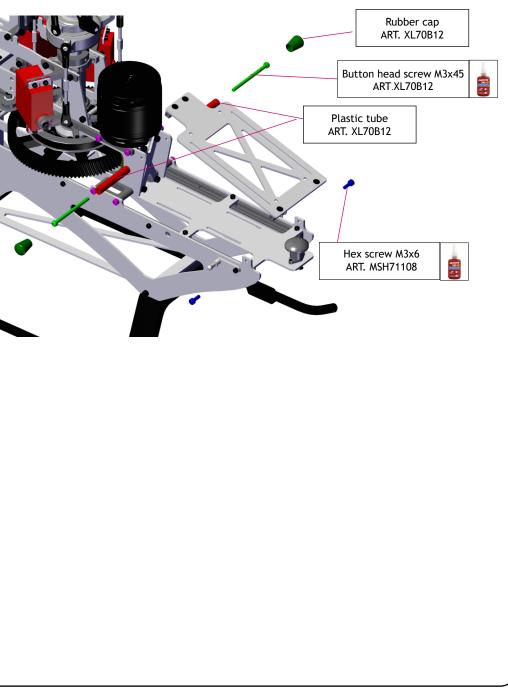


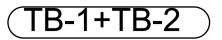






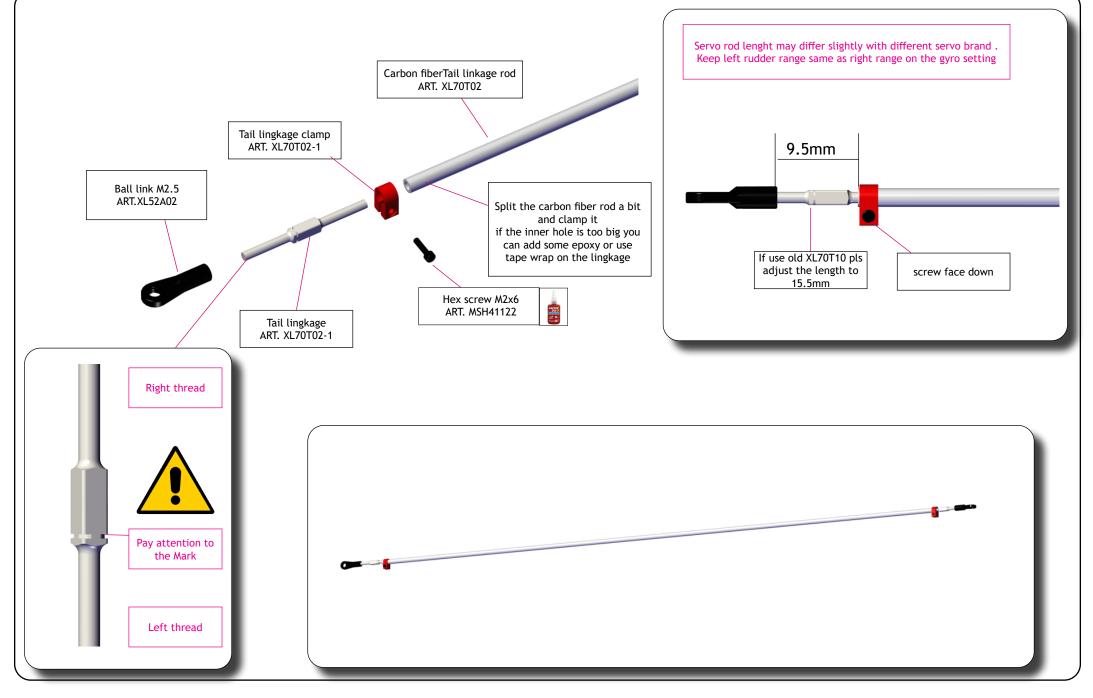








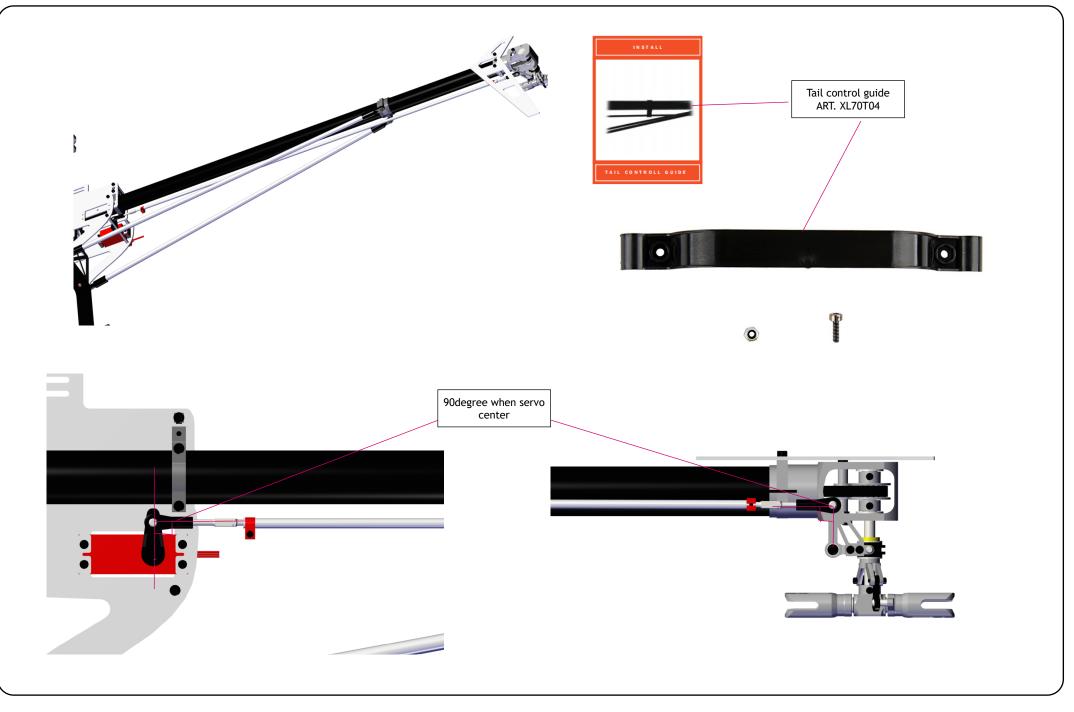


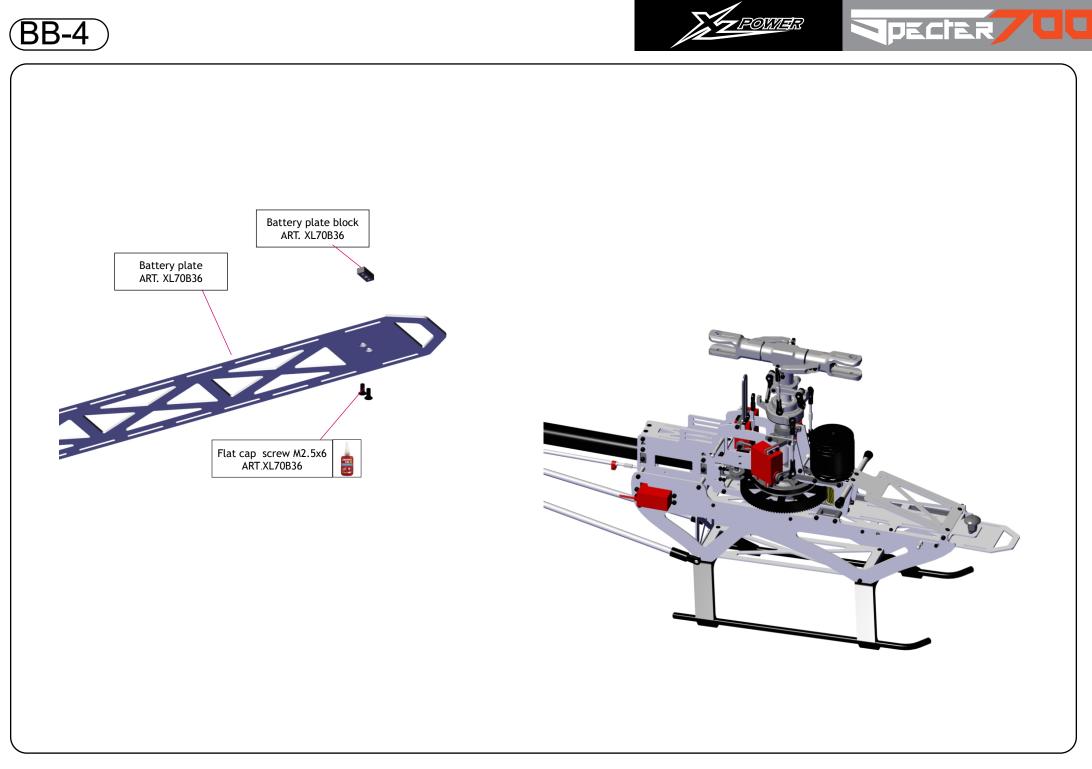
















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