

# INTRODUCTION



217mm

• Length Without Main Blades: 1383mm

Overall Height: 351mm

• Width: 217mm

• Main Gear: 106T Mod 1

• Pinion Gear: 11T (10-13T Optional)

• Motor Shaft Diameter: 6mm (Length 20-55mm)

• Main Gear Ratio: 9.636 (10.6 - 8.38 Optional)

• Front Tail Pulley: 100T

• Rear Tail Pulley: 21T (20T Optional)

• Tail Ratio: 4.767 (5.0 Optional)

• Frame Weight: 2060g

• Main Shaft Diameter: 15mm

• Feathering Shaft Diameter: 10mm

● Tail Boom Diameter: 32mm

• Tail Belt Width: 8mm

Main Gear Thickness: 18mm

• Battery Compartment Size: 380mm\*68mm\*70mm





#### ALWAYS FOLLOW THESE RULES FOR SAFETY

If you do not observe these instructions, you may be held liable for injury or damage.

Operate the helicopter in open areas with no people nearby. Do NOT operate the helicopter in these situations or areas:

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

When operating and tuning/adjusting your model, keep the following in mind:

ALWAYS check radio control system for proper operation before operating the model.

ALWAYS check radio control system power levels before operating the model. Flying with low transmitter or receiver battery may cause loss of control.

ALWAYS pay attention to your surroundings, and look out for others who are also operating a radio control model nearby.

ALWAYS check that all screws are tight and not coming loose before flying the model. A single loose screw on the model may cause a major accident.

ALWAYS perform necessary maintenance and preflight checks to keep the helicopter in a good and safe flying condition.

NEVER use the same control frequency as someone else. Doing so may cause interference or loss of control of the model.

NEVER continue flying if the model is displaying irregular behavior or noises. Bring the model to a halt immediately and disconnect the batteries.

NEVER fly the model with known broken or defective parts. Always replace damaged parts before attempting to fly again.

NEVER approach the model while the rotors are still spinning. Doing so can result in serious personal injury.

NEVER touch the motor immediately after flying. It may be hot enough to cause moderate burns.

Operate only outdoors and out of bystanders reach, as the main rotor operates at high rpm and is very dangerous.

While adjusting and testing, pilots and observers should stand at least 10 meters from the model.

Novice pilots should be assisted by an experienced pilot and never fly alone!



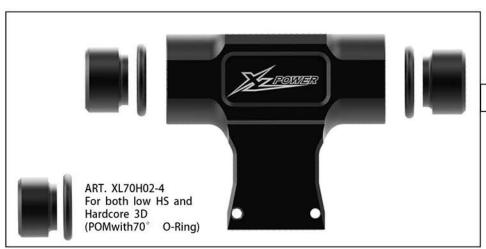


#### **EQUIPMENT REQUIRED FOR ASSEMBLY**

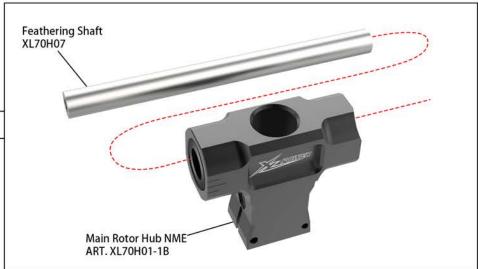
Swashplate Servos: Standard size(Qty.3)	ESC: 130HV-250HV Typical	Hex Screwdriver Sizes: 1.5mm 3mm 2mm 4mm*2 2.5mm*2
Tail Servo\Thrttle Servo Standard Size(Qty.1)	Main Blades: Carbon Fiber 690mm - 720mm	Where indicated, use Thread lock MEDIUM
Trasmitter Receiver/Satellites Flybarless Unit	Tail blades: Carbon Fiber 105mm to 116mm	Wicking compound bearing retainer
Battery Pack (Typical): LiPo 6s 4000-5500mAh * 2 or LiPo 7s 4000-5500mAh * 2	Motor: 4525-4530 500kv-550kv Typical	Thrust Bearing Grease Pitch Gauge

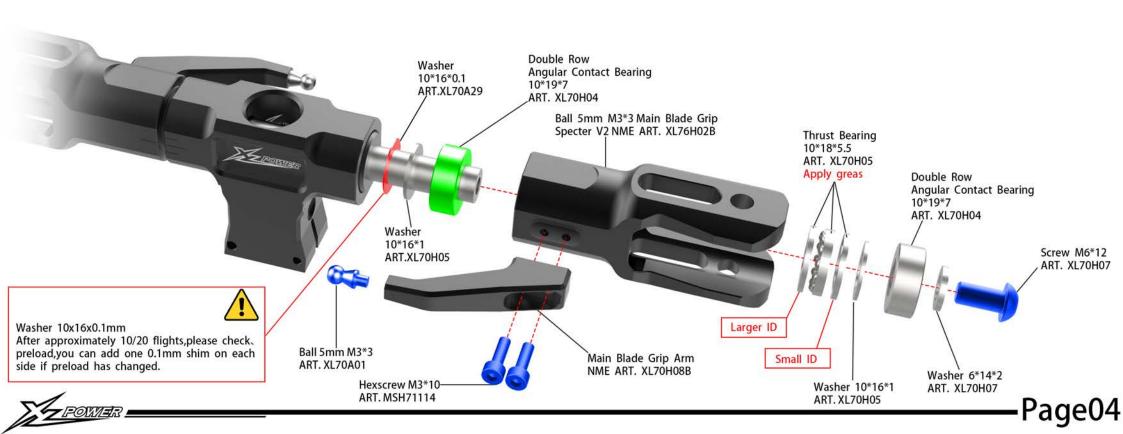


#### HEAD ASSEMBLY



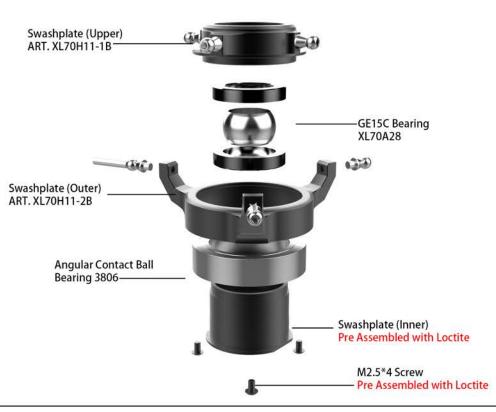
Head Dampener



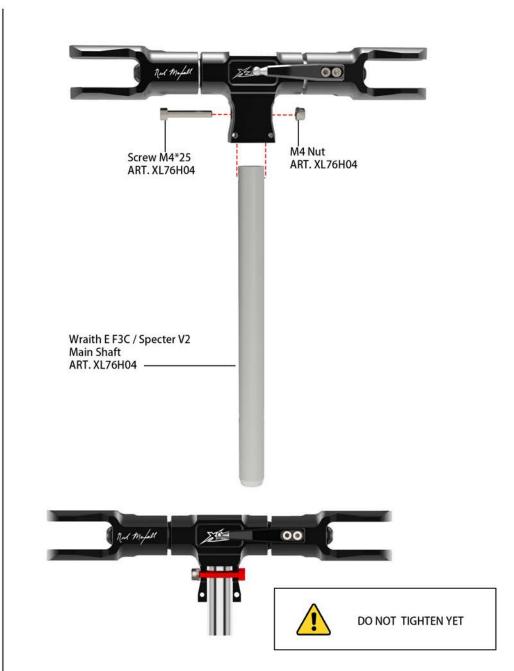




# HEAD ASSEMBLY



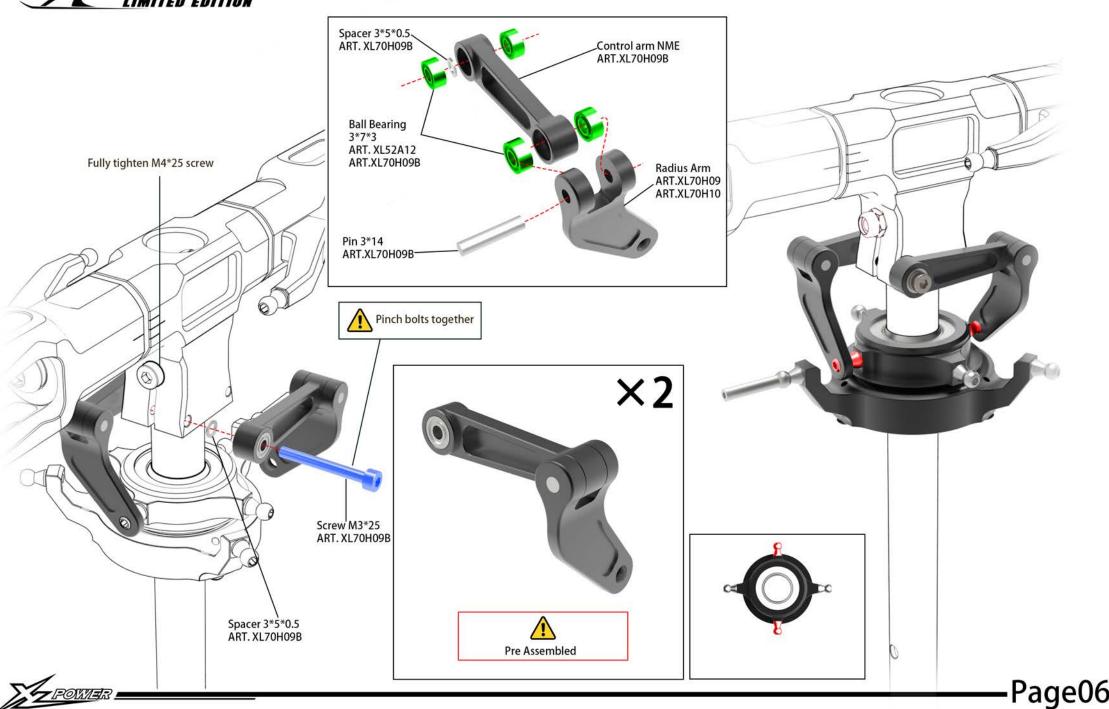






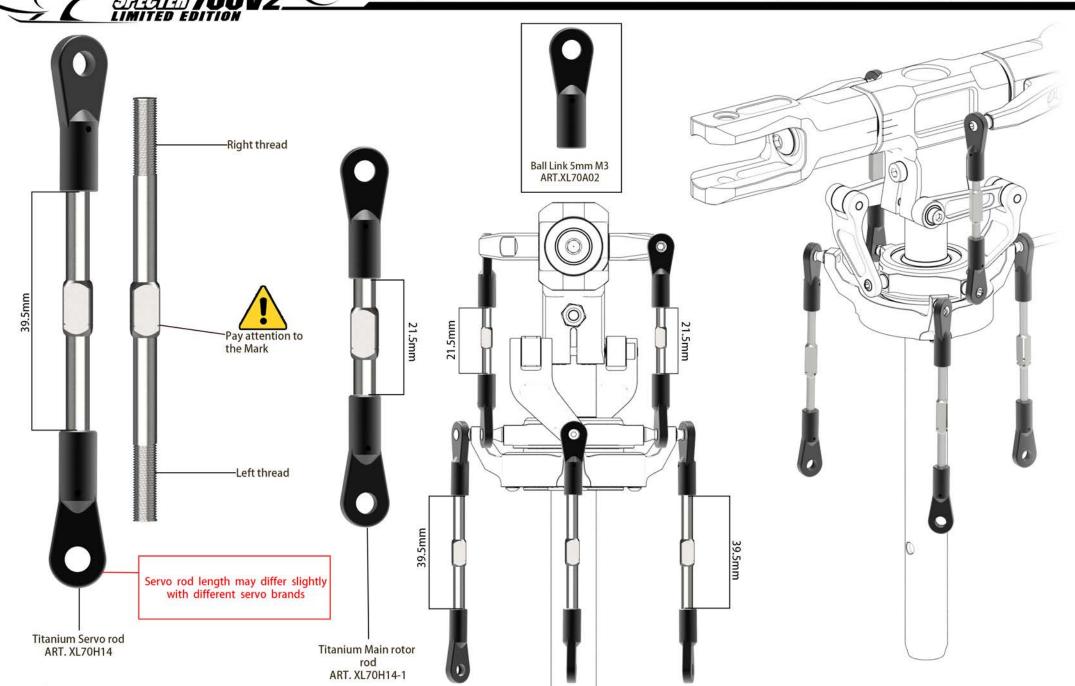
HB-1

# HEAD ASSEMBLY





# HEAD ASSEMBLY



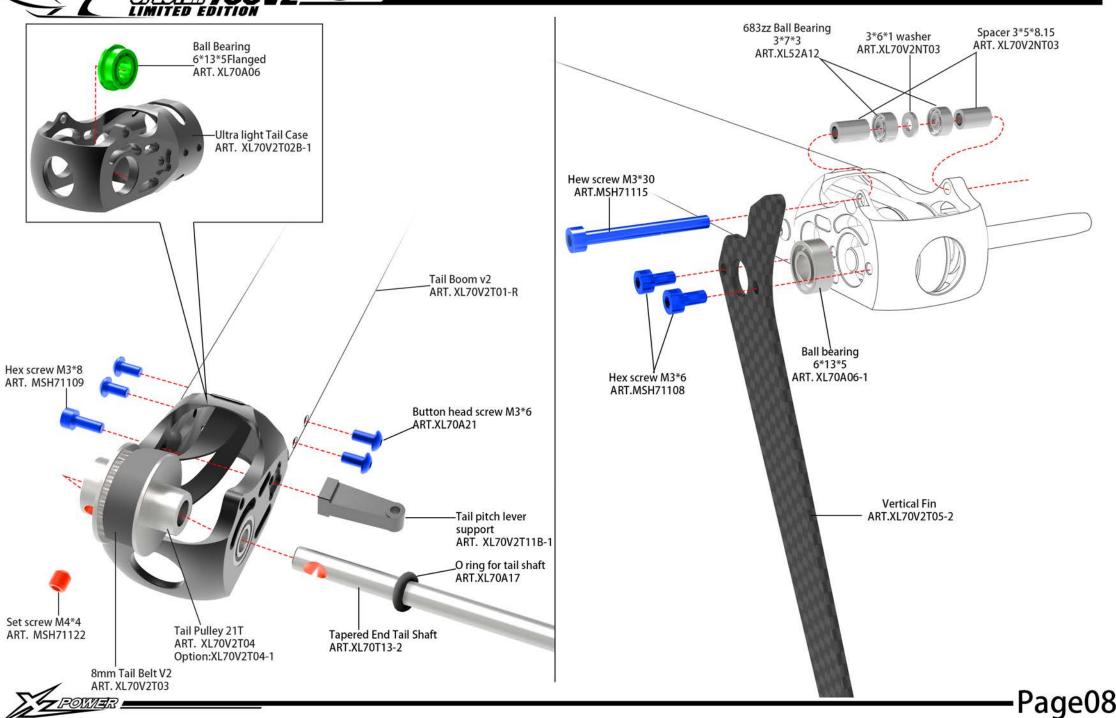
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SREGIEN 700 V2

TB-1 TB-2 TB-3

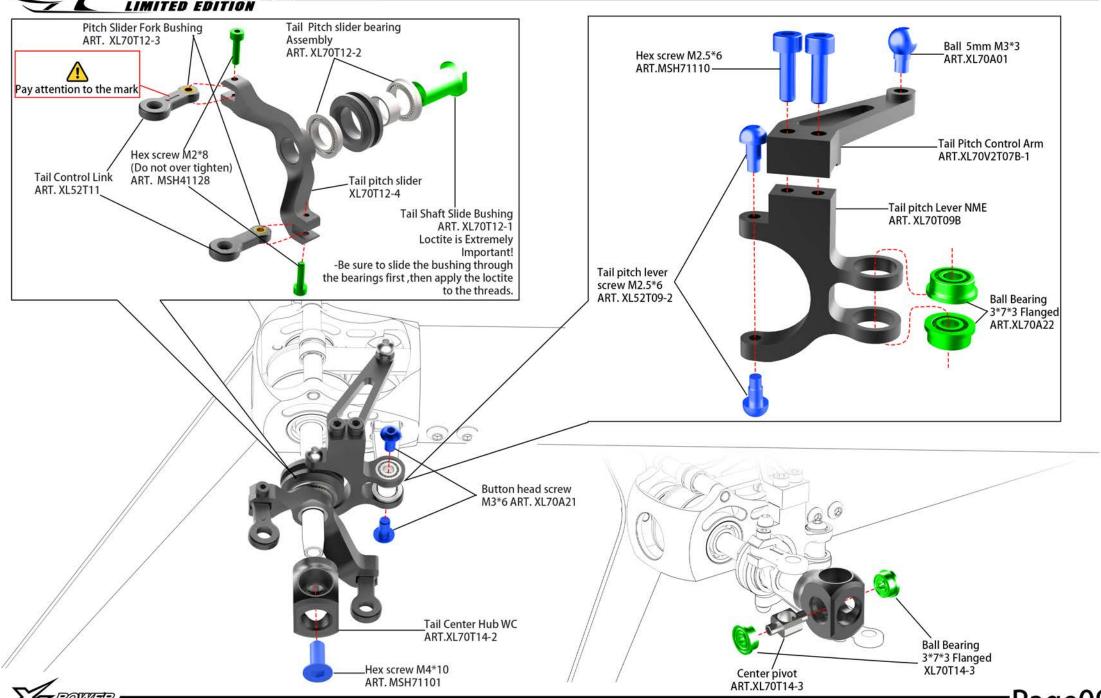
#### TALL ASSEMBLY





#### **TB-1**

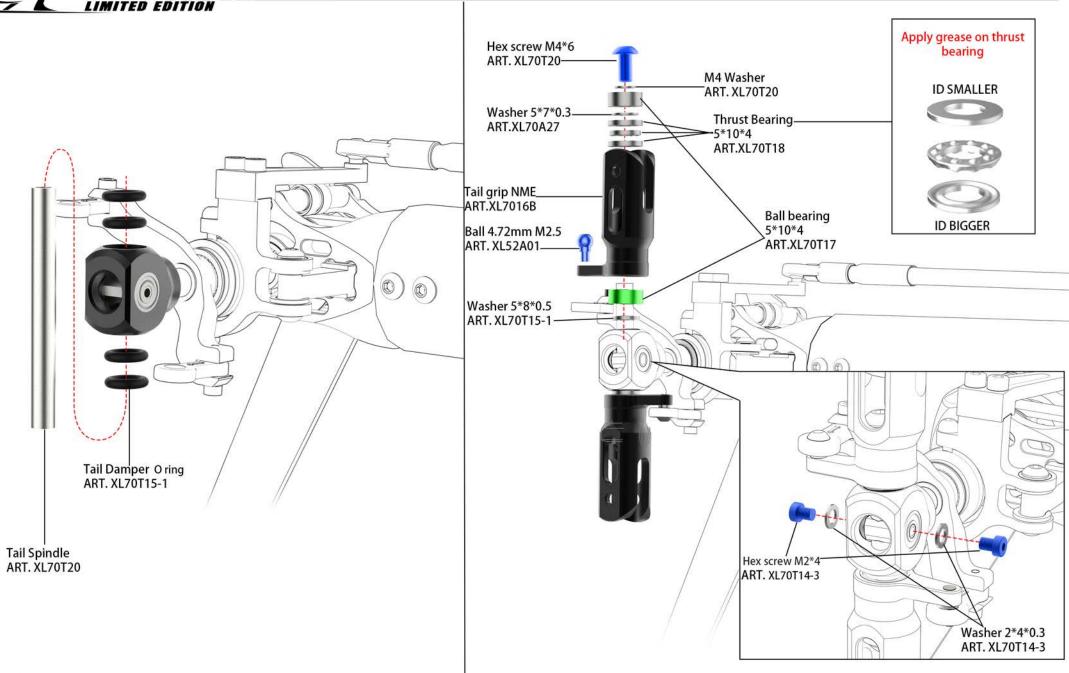
#### TALL ASSEMBLY



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TB-1

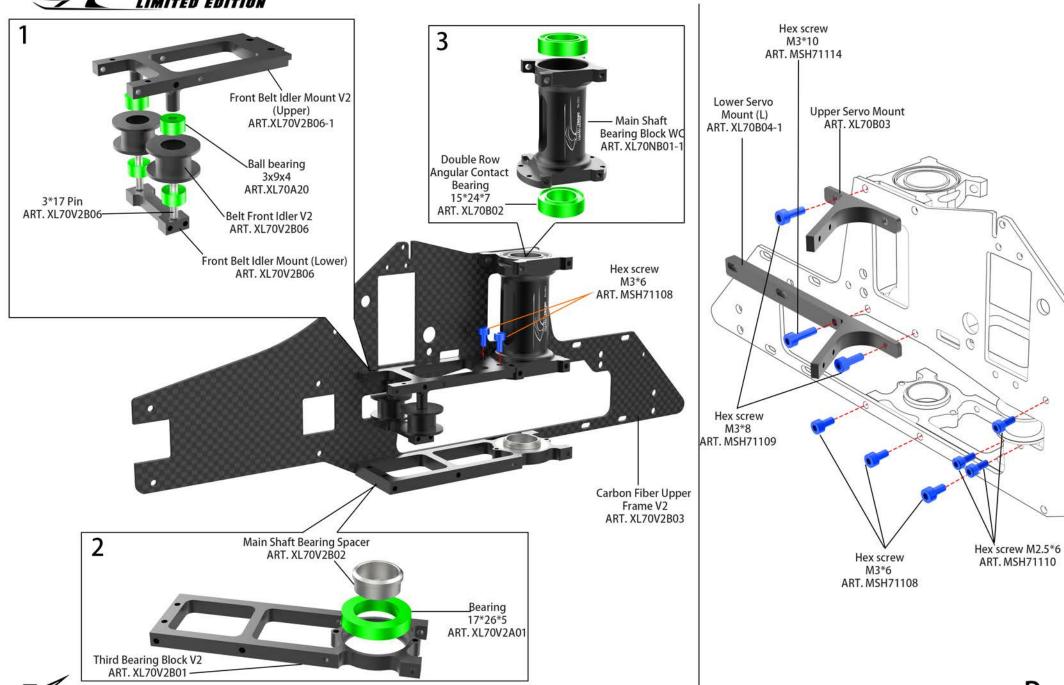
#### TALL ASSEMBLY



# SHELL TOOV2

BB-1 BB-2

# FRAME ASSEMBLY



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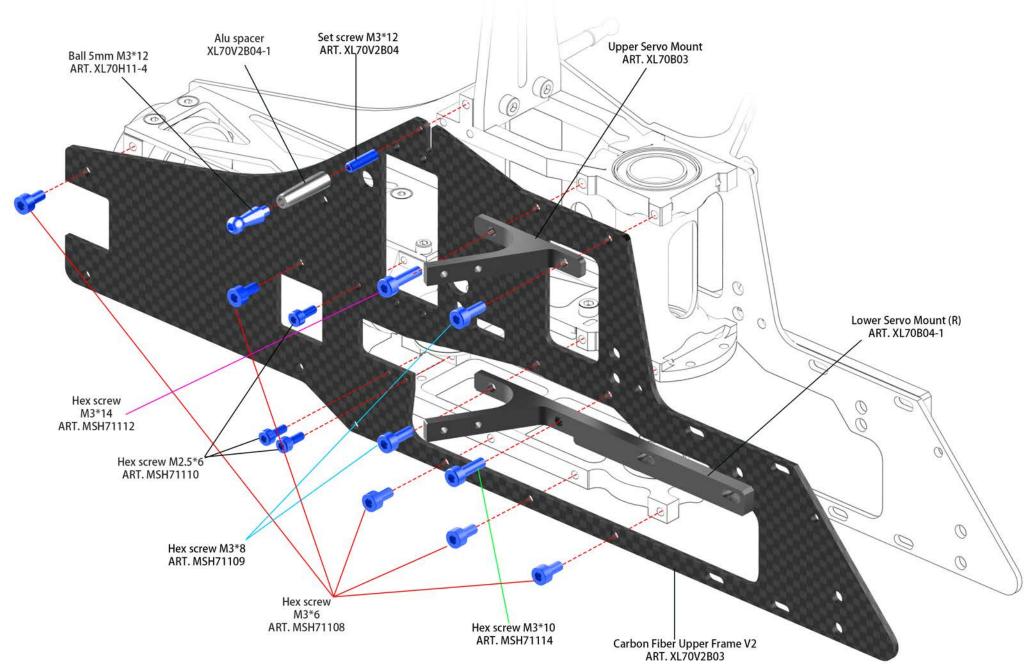
FRAME ASSEMBLY **BB-1** Hex screw M2.5\*6 Flat screw M3\*4 Do Not Install This Silver Screw Yet ART. MSH71110 ART. XL70V2B05 Pom Anti-Rotation Bracket ART. XL70B13-2 Carbon Fiber Plate ART. XL70V2B07 Threaded Tail Boom Clamp V2 ART. XL70V2B05 Unthreaded Hole Faces Right Set screw M3\*12 Hex screw M3\*8 ART. XL70V2B04-1 ART. XL70B13-2 Alu spacer ART.XL70V2B04-1 Ball 5mm M3\*12 ART. XL70V2B04-1 0 0 Hex screw M3\*6 ART. MSH71108 Anti-Rotation Bracket Mount WC ART. XL70B13-3

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Hex screw M3\*14 ART. MSH71112



# FRAME ASSEMBLY



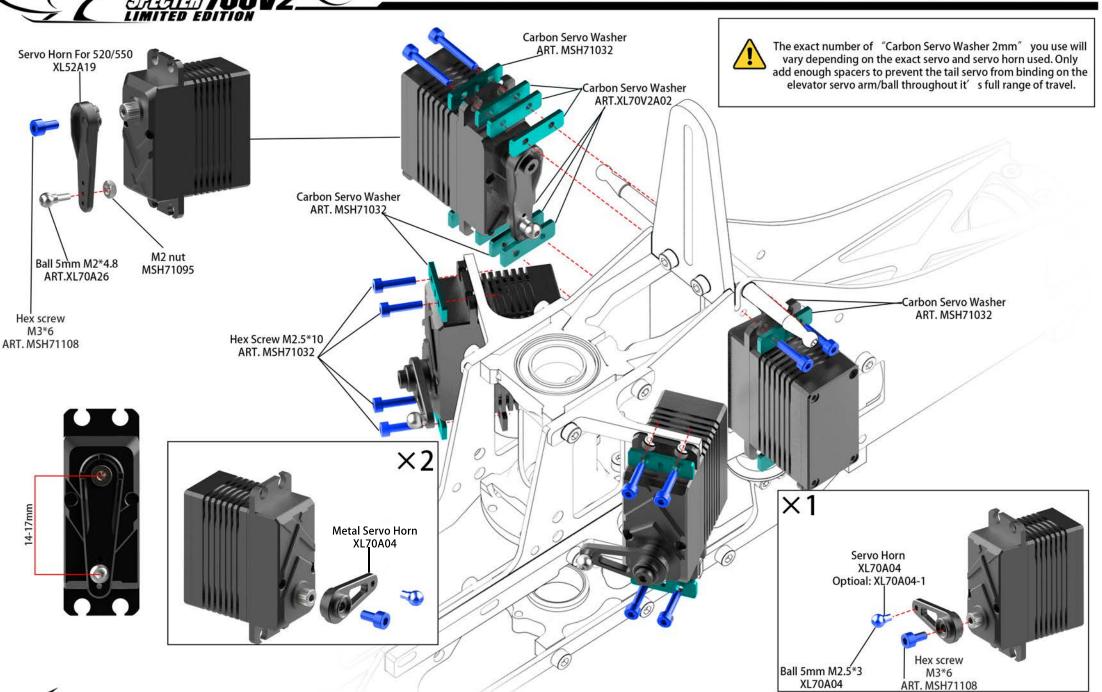


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**BB-1** 

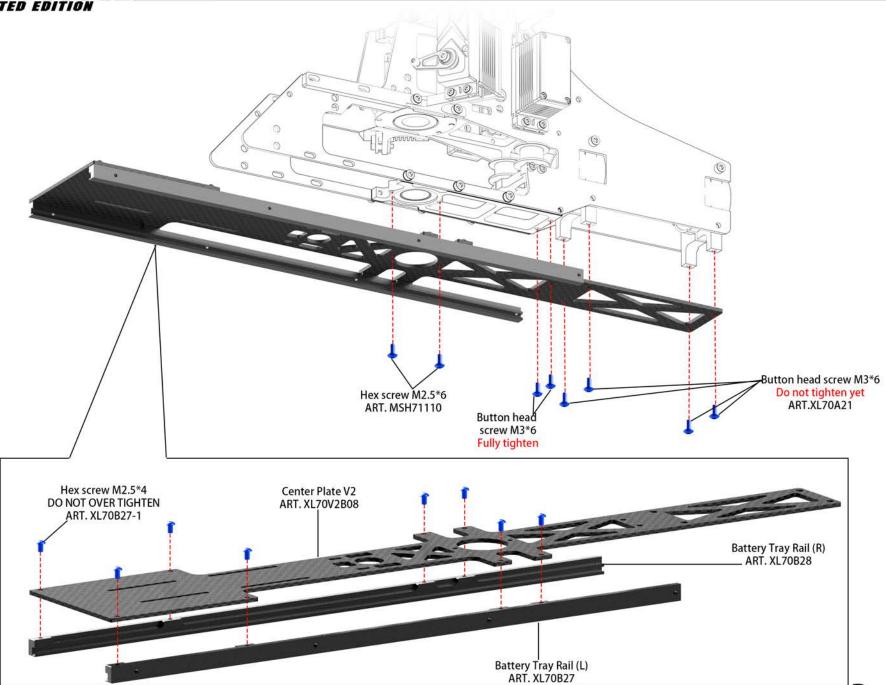
# SERVO ASSEMBLY



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SAGUE 700V2 BB-3

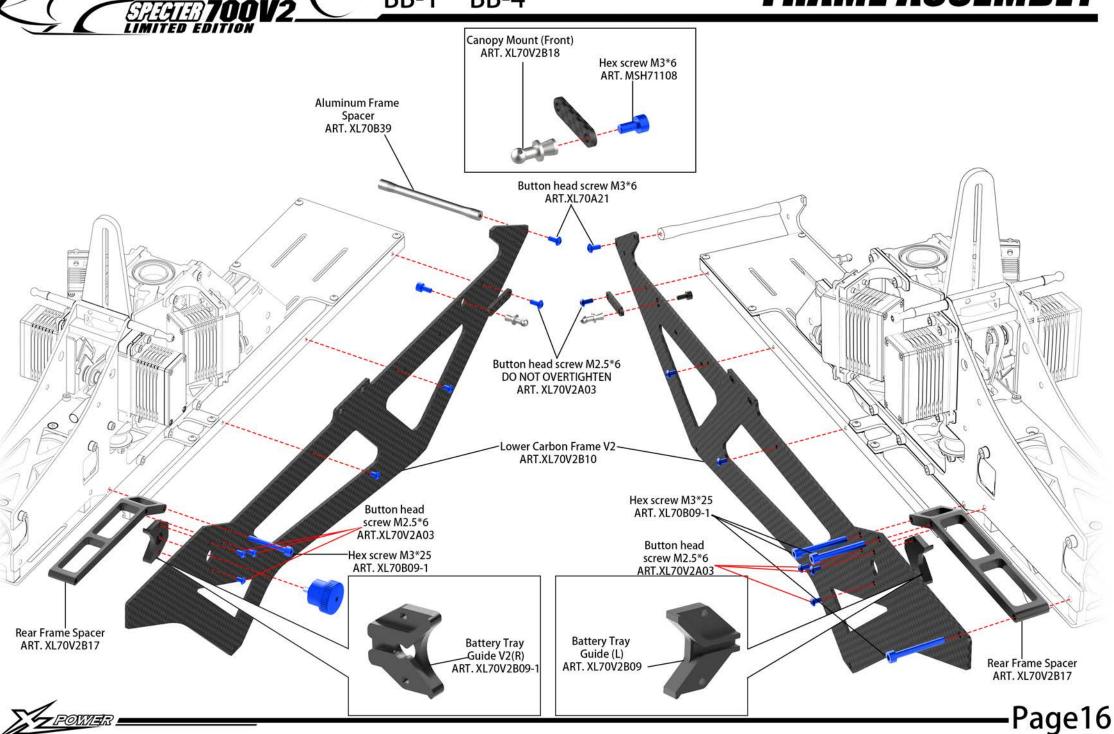
# FRAME ASSEMBLY





**BB-1 BB-4** 

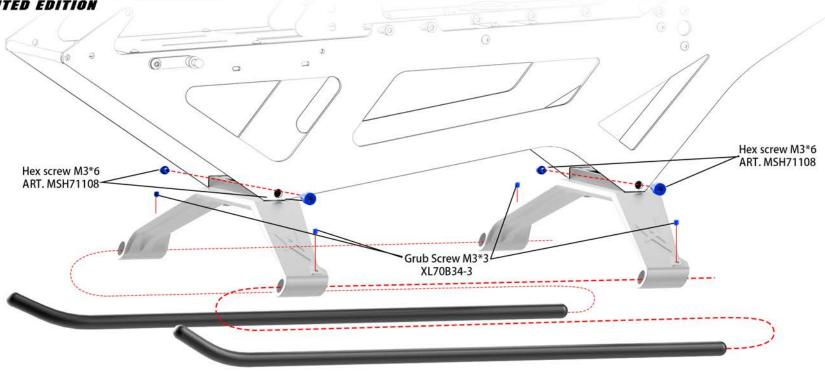
# FRAME ASSEMBLY

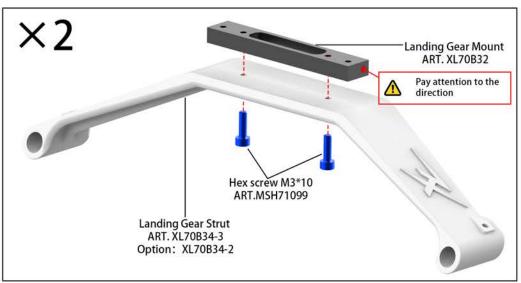


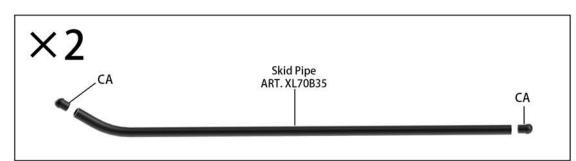


BB-5

# LANGING GEAR ASSEMBLY



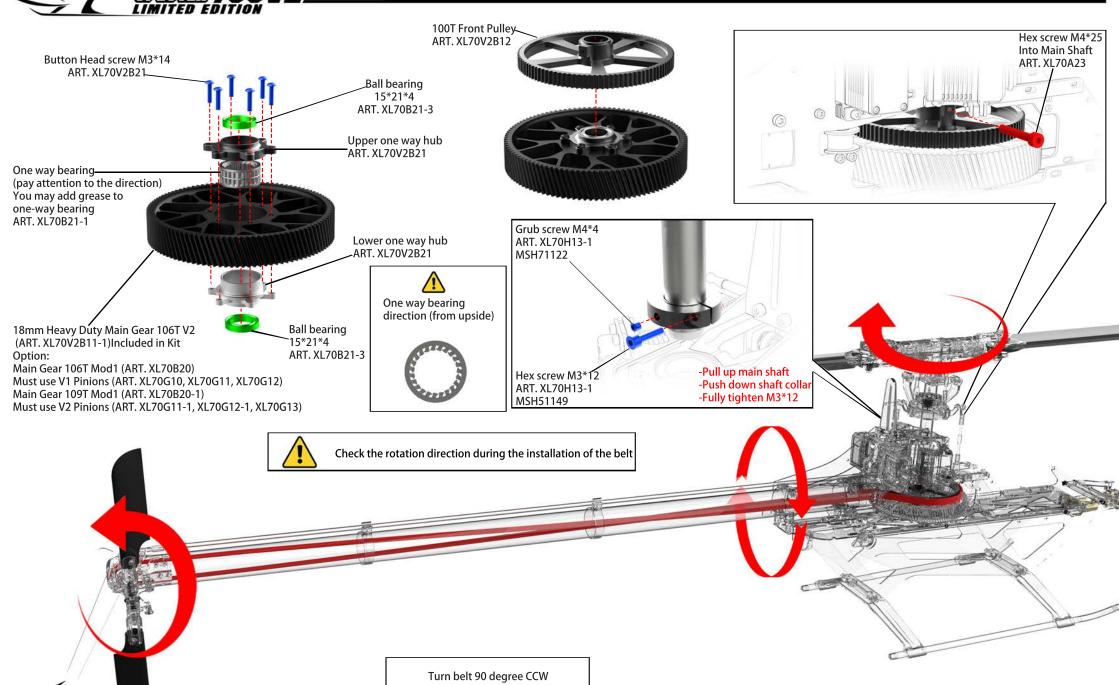






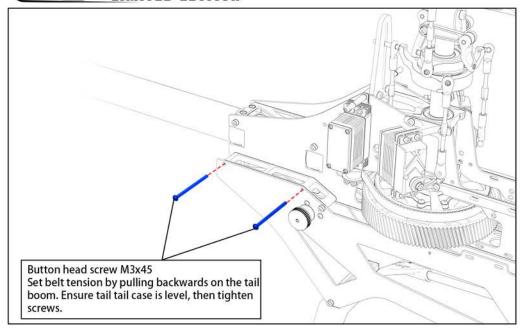
#### BB-6

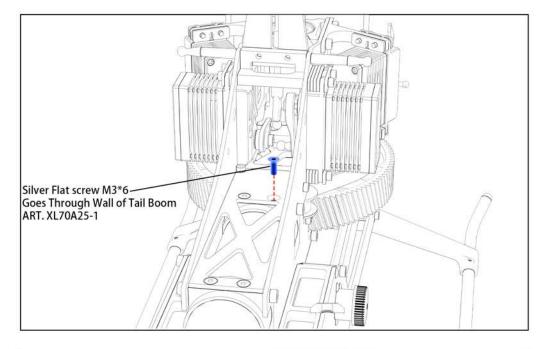
# MAIN GEAR ASSEMBLY

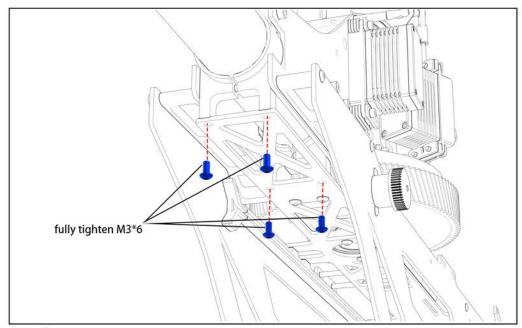


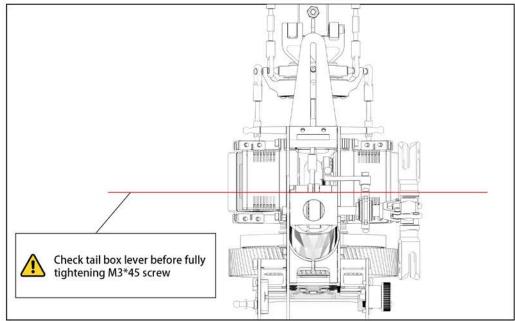


# FRAME ASSEMBLY

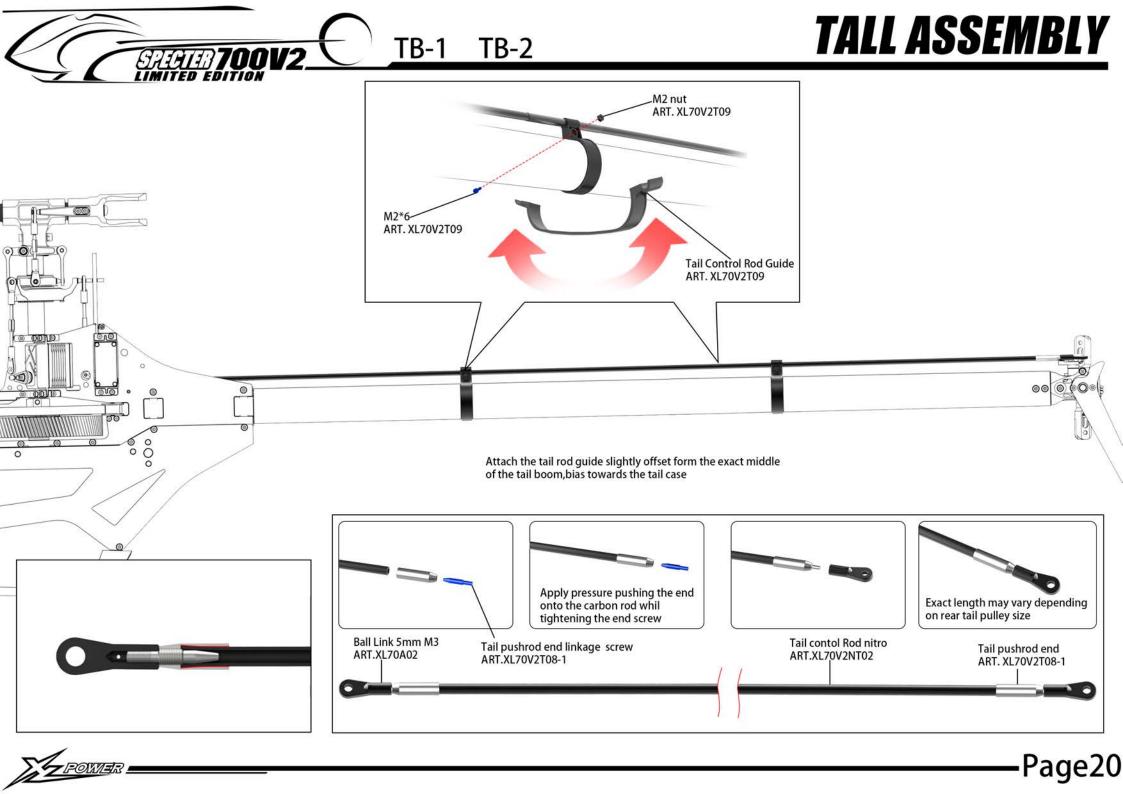






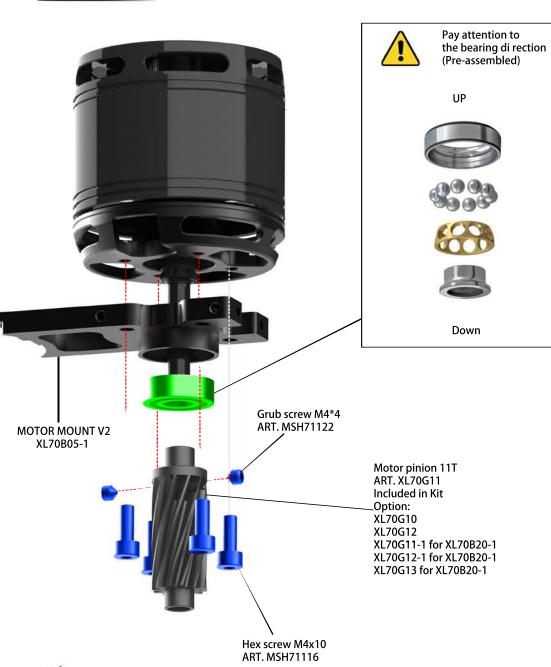


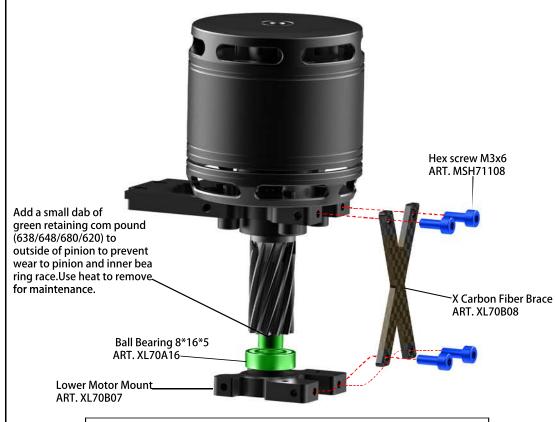




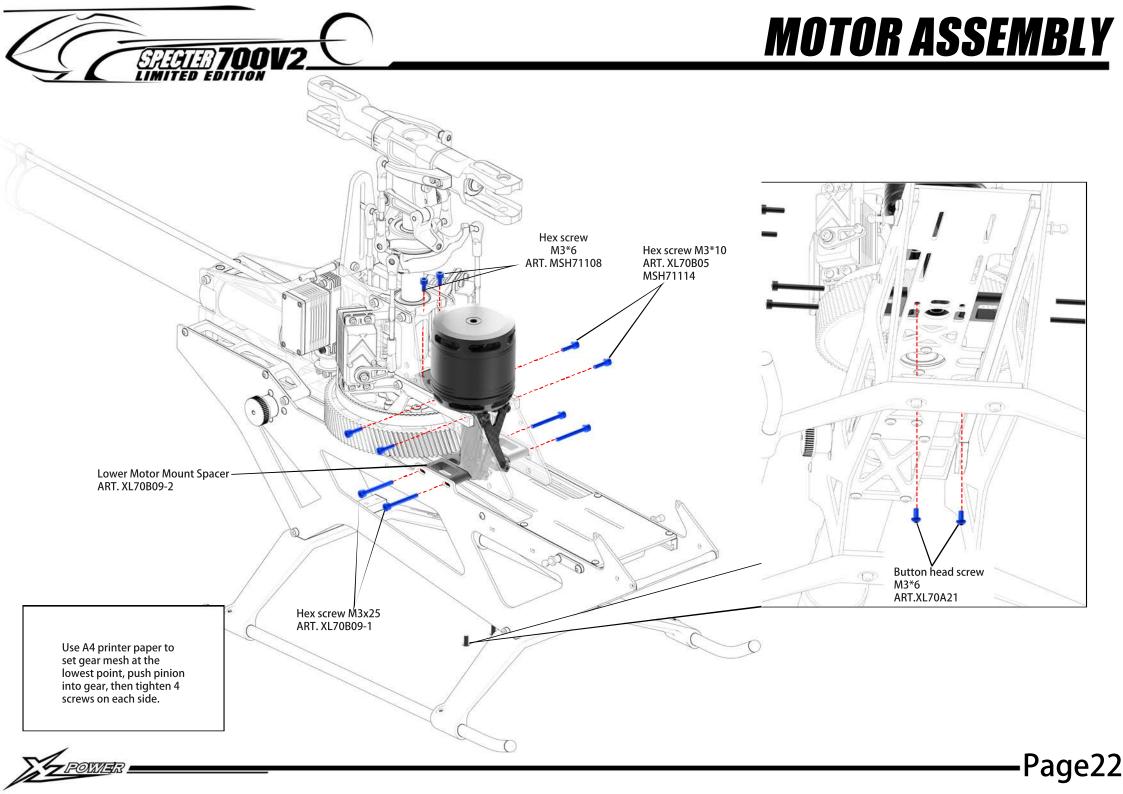


#### **MOTOR ASSEMBLY**





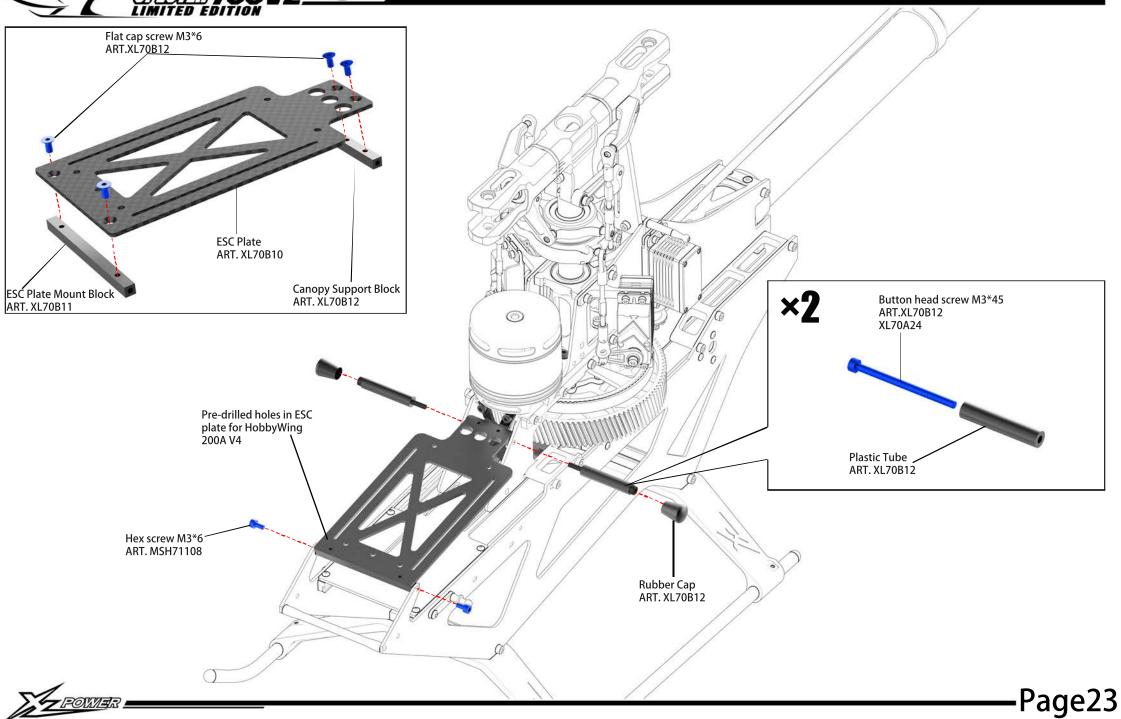






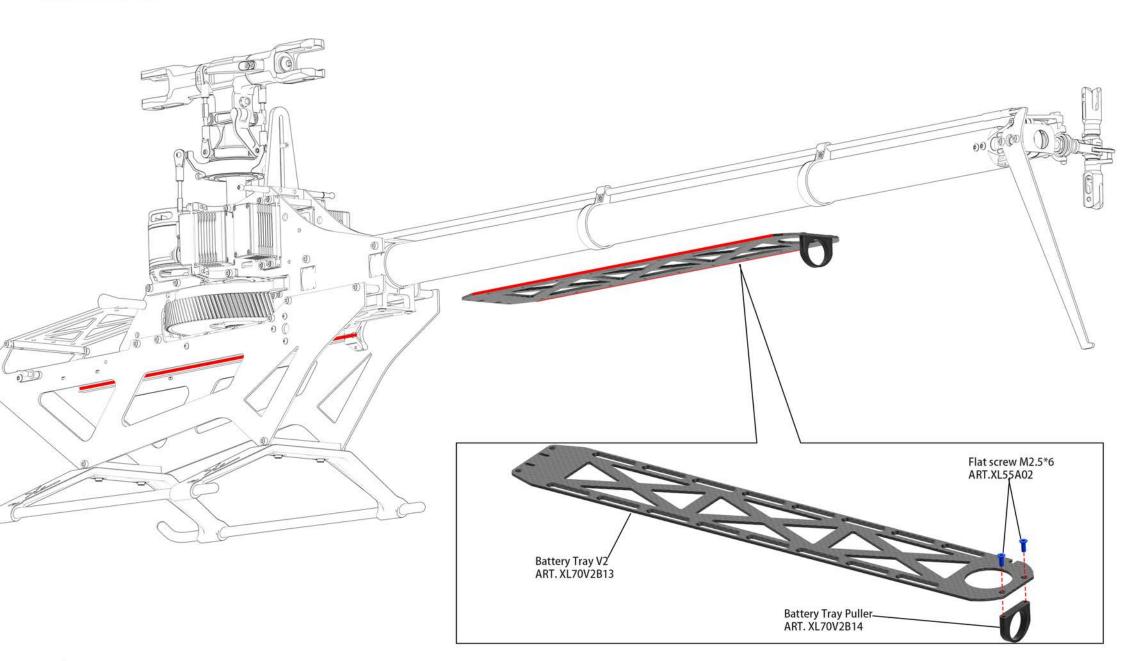
BB-1

# ESC PLATE ASSEMBLY





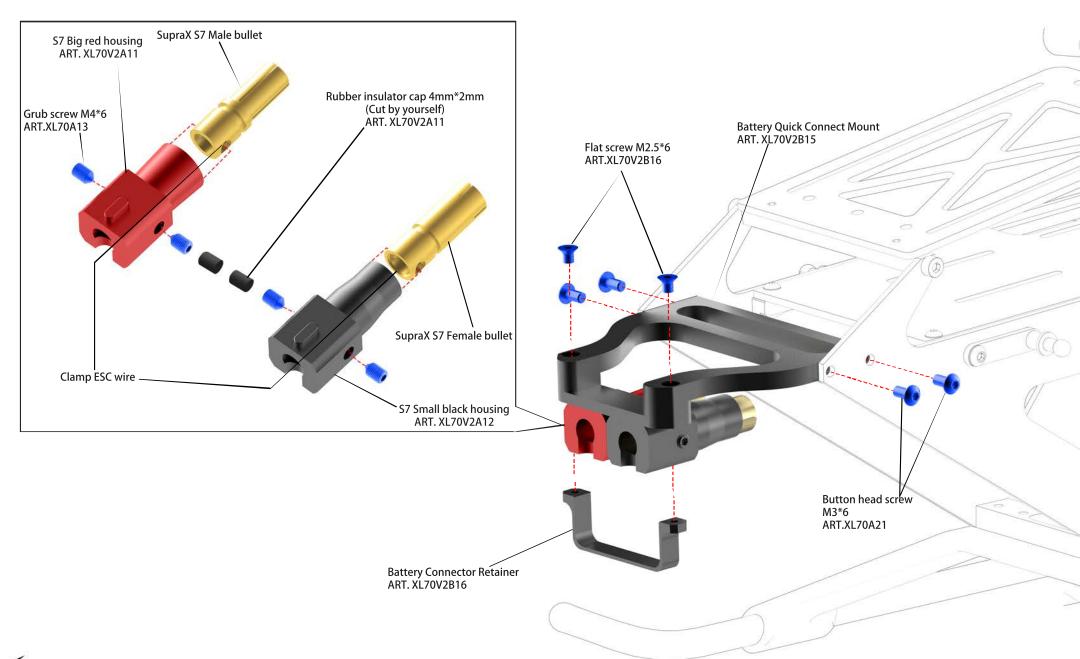
# BATTERY TRAY ASSEMBLY

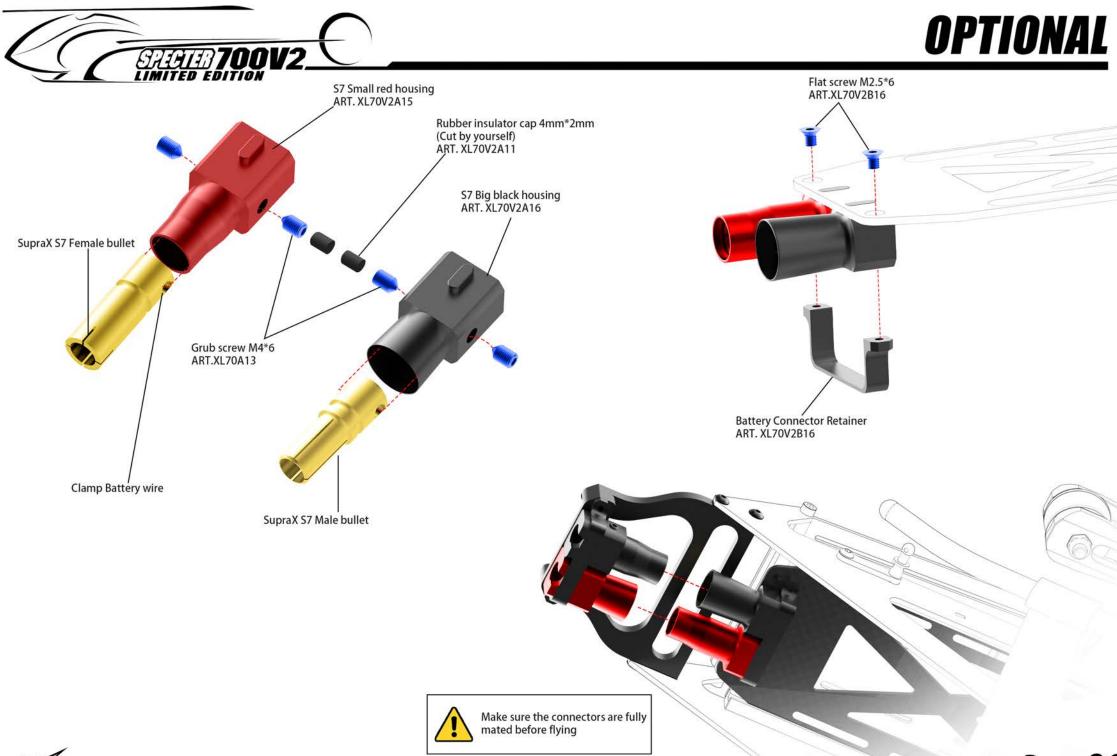






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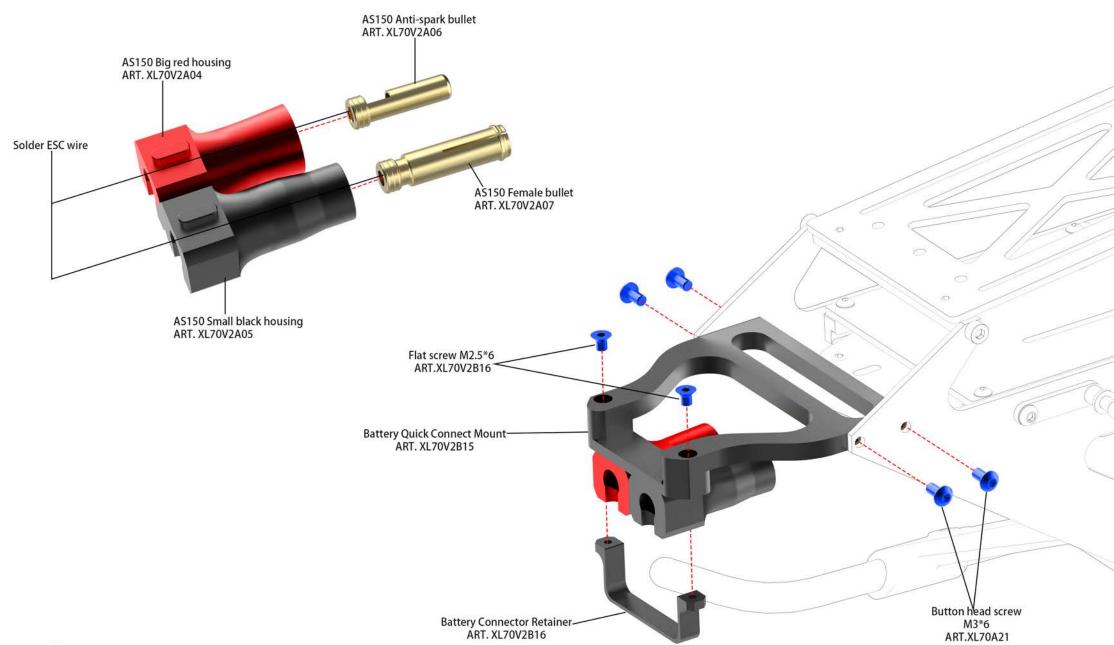




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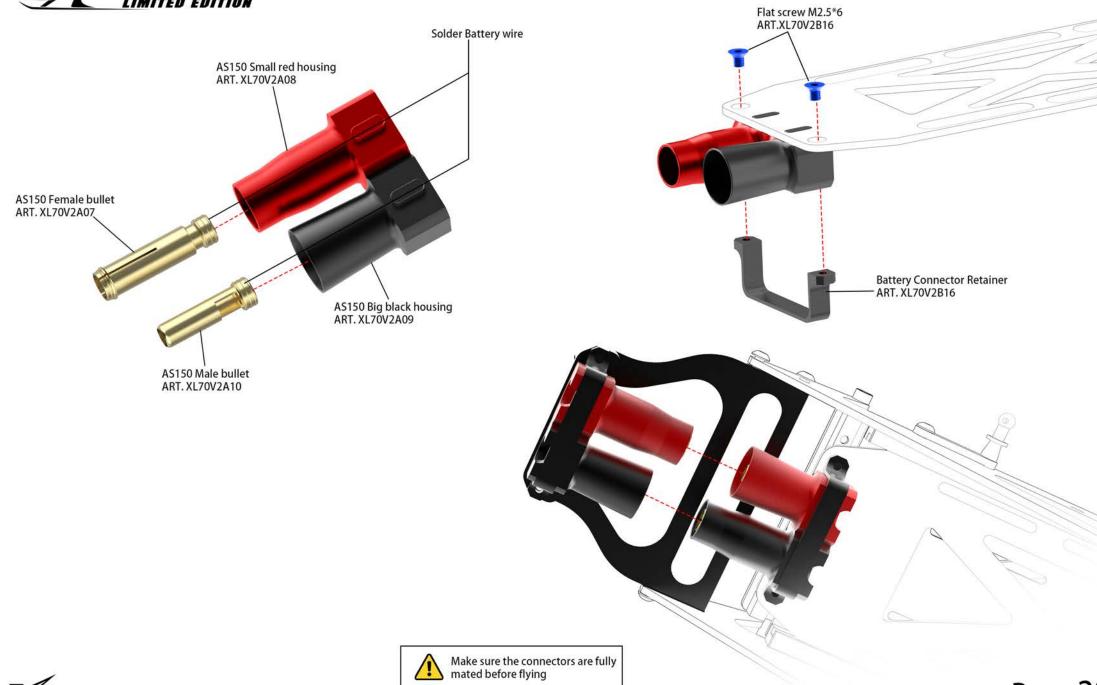


# **OPTIONAL**





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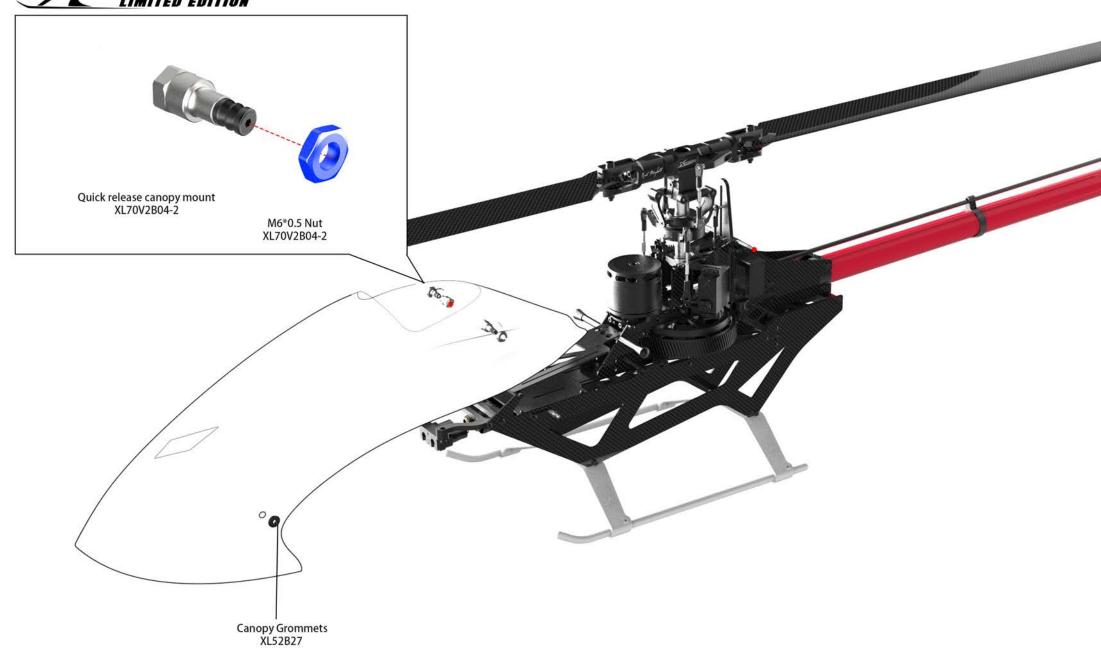


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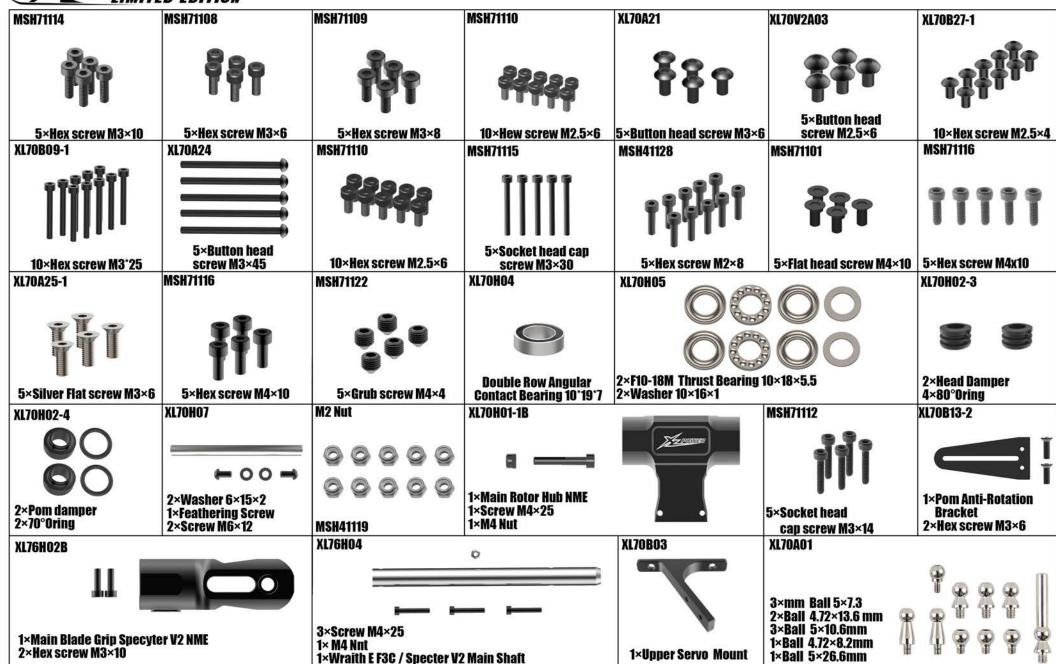


# CANOPY ASSEMBLY

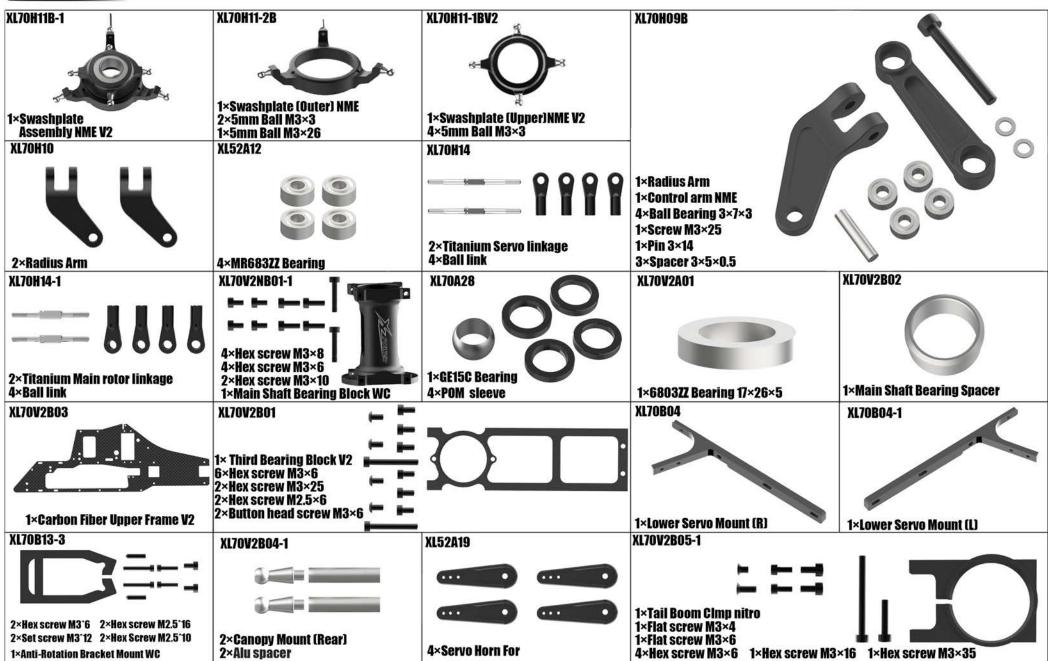




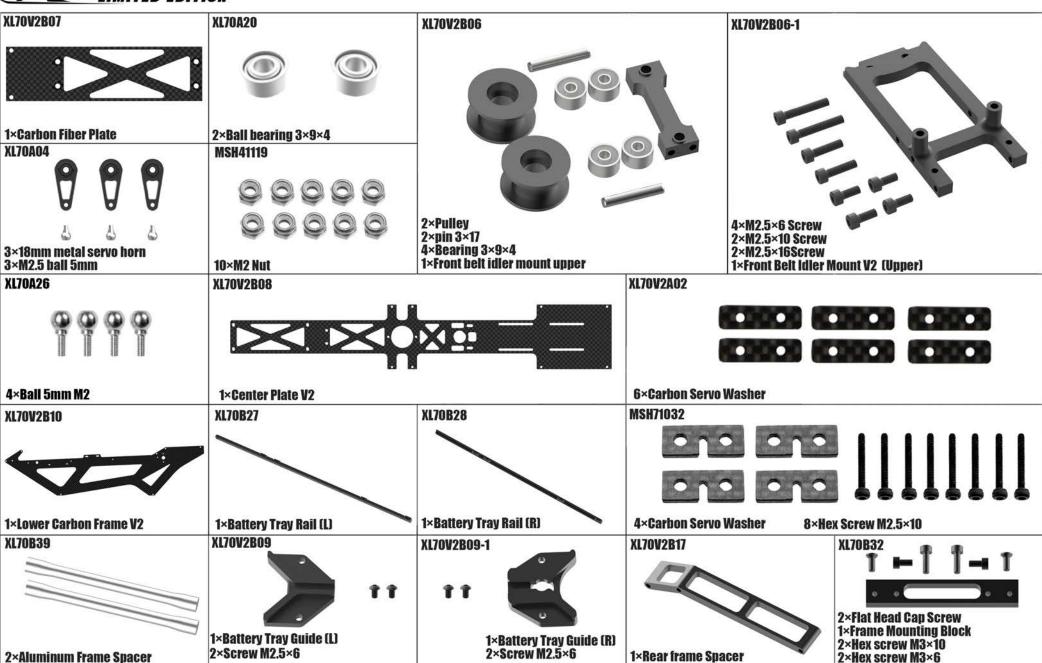
# SHELL 700V2











**1×Rear frame Spacer** 

2×Aluminum Frame Spacer



