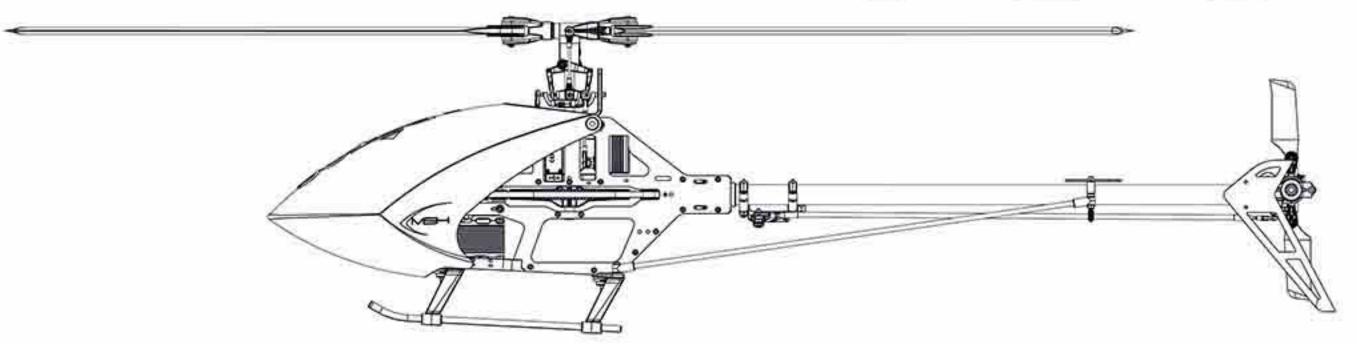
# PRÔTOS 480



LENGHT: 928MM HEIGHT: 270MM WIDTH: 148MM

MAIN BLADE SIZE: 425MM — 480MM

TAILBLADE SIZE: 68MM

MOTOR PINION: 15T — 20T 5MM DIAMETER(15T INCLUDED)

MAIN GEAR: 108T TAIL PINION: 22T

MAIN TO TAIL GEAR RATIO: 4.9

RTF WEIGHT: 1800G

MAX BATTERY SIZE: 44\*47\*140MM



#### 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

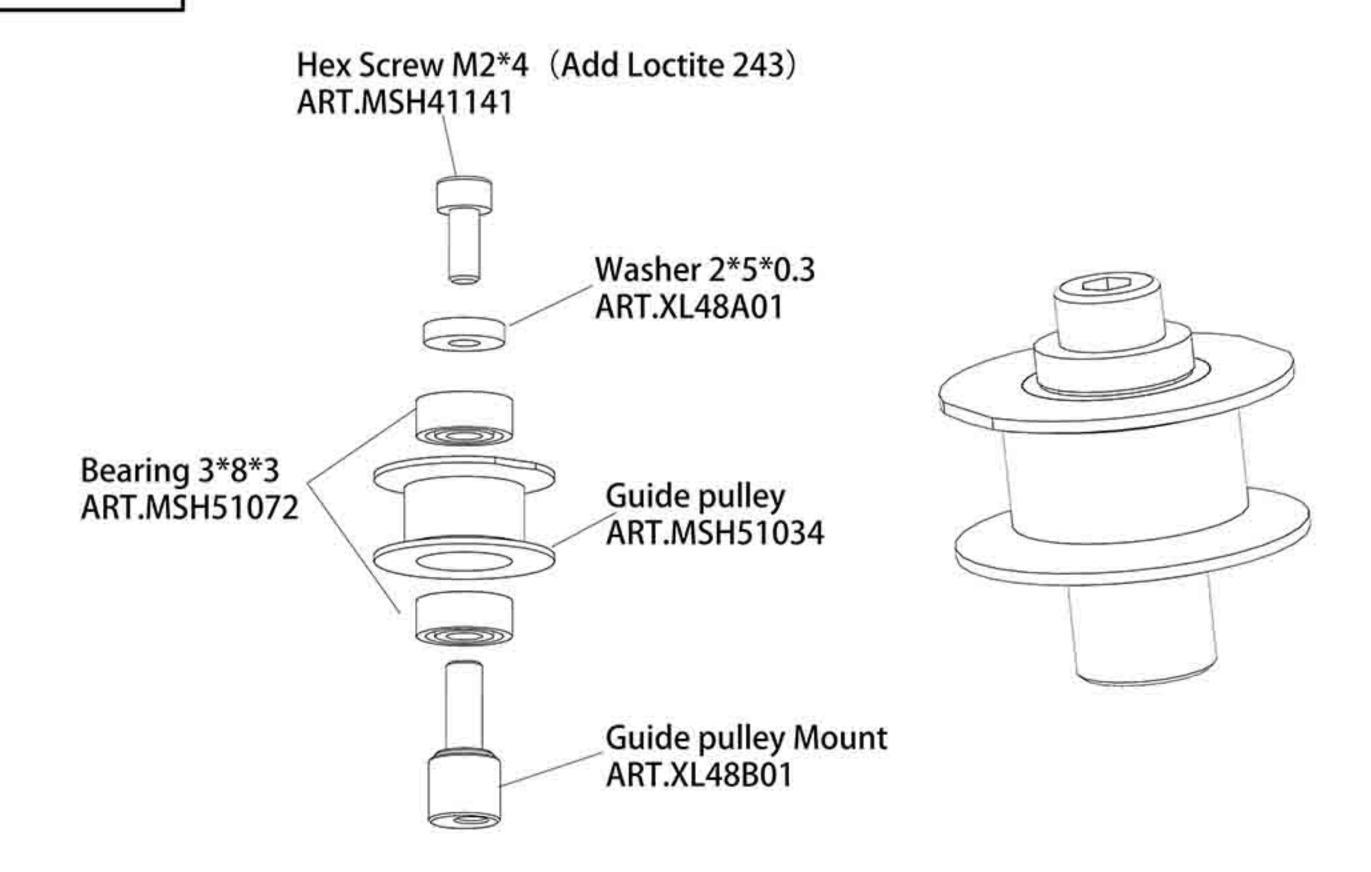
Operate the helicopter only outdoors and out of people's reach as the main rotor operates at high rpm!

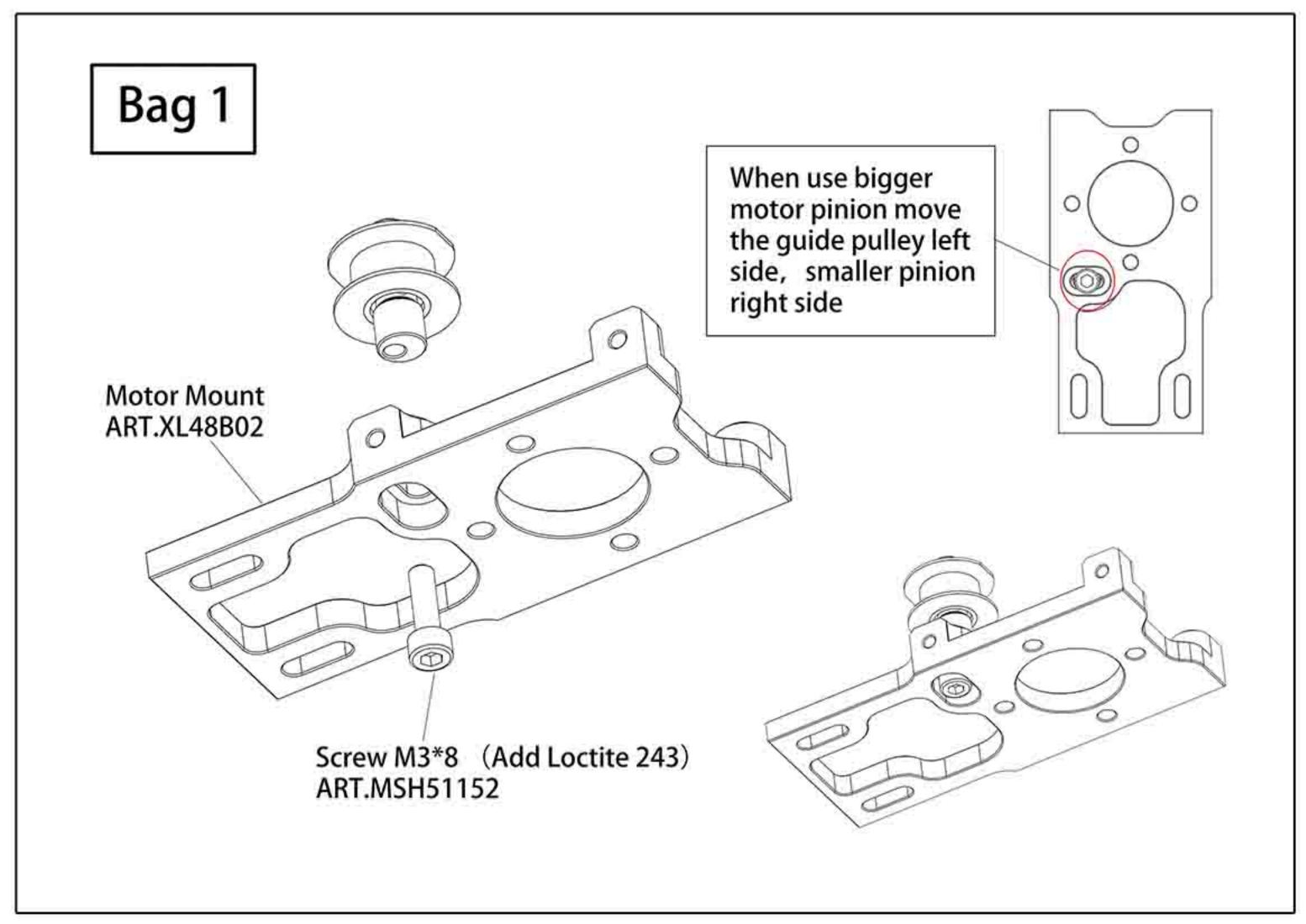
While adjusting, stand at least 10 meters

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!

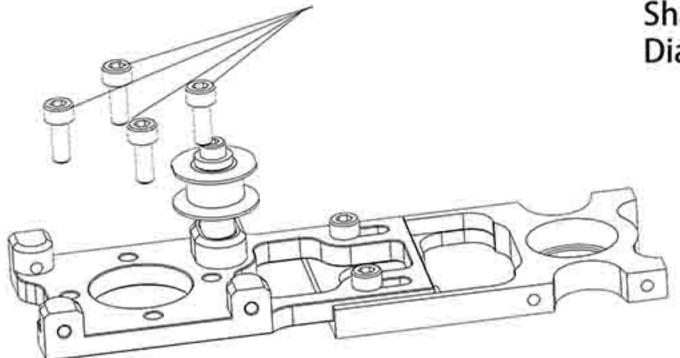
In the beginning, novice R/C helicopter pilots should always be assisted by an experienced pilot and never fly alone!

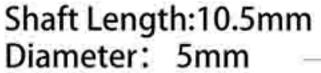


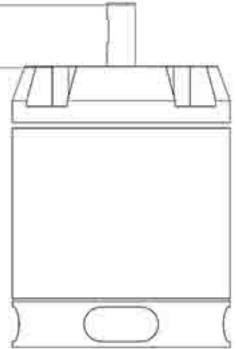


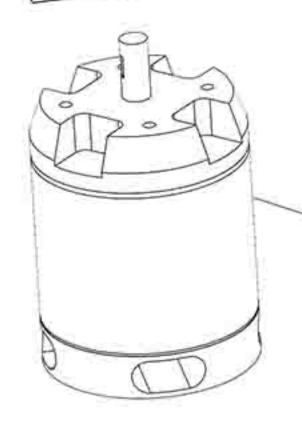
Bag 1 Screw M3\*10 ART.MSH71114 Do not fully tighten Bearing 8\*16\*5 ART.MSH51067 Third Bearing Block ART.XL48B03 M3 Nut ART.MSH51138

Screw M3\*8(Add Loctite 243) MSH51152

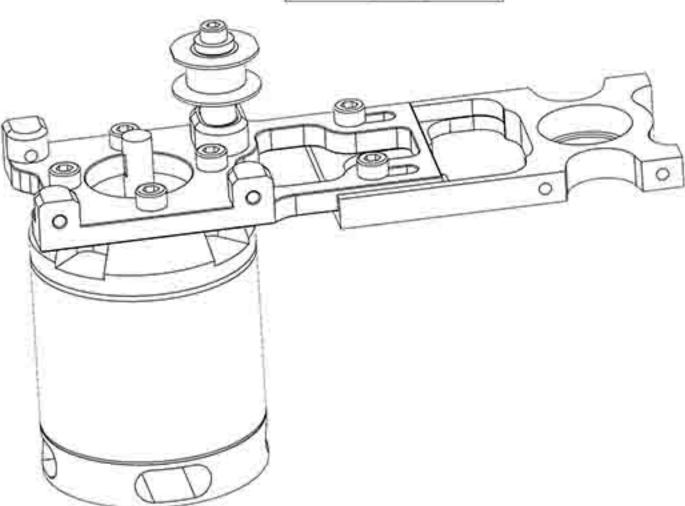




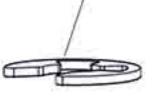


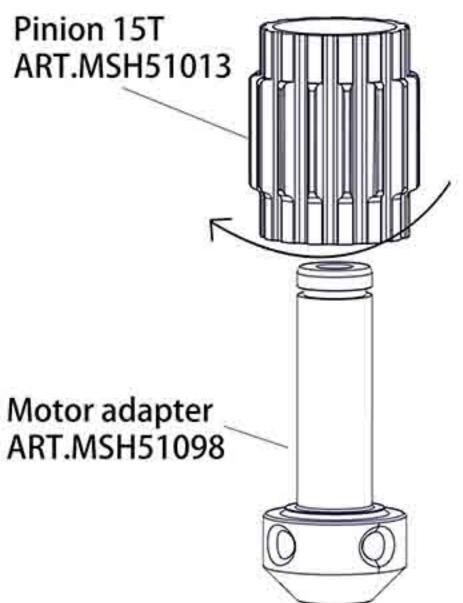


Motor suggestion 3026/3220/3226/4015 800KV-1000KV 5mm shaft Not included in the kit

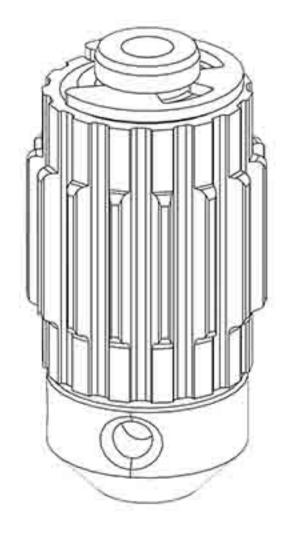


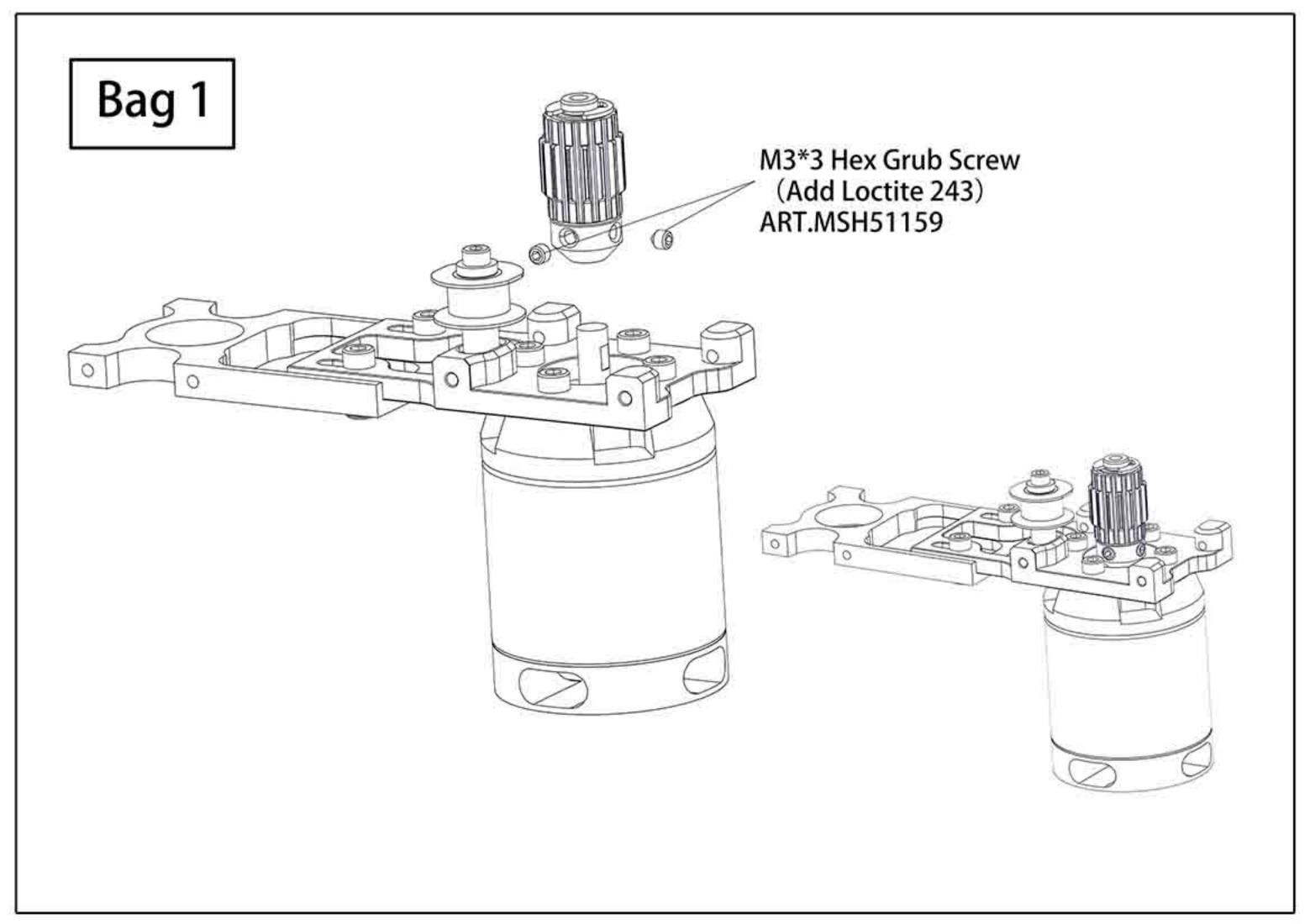
Washer 6\*8\*0.1 ART.XL48A02 Seeger RS 5 ART.MSH51013



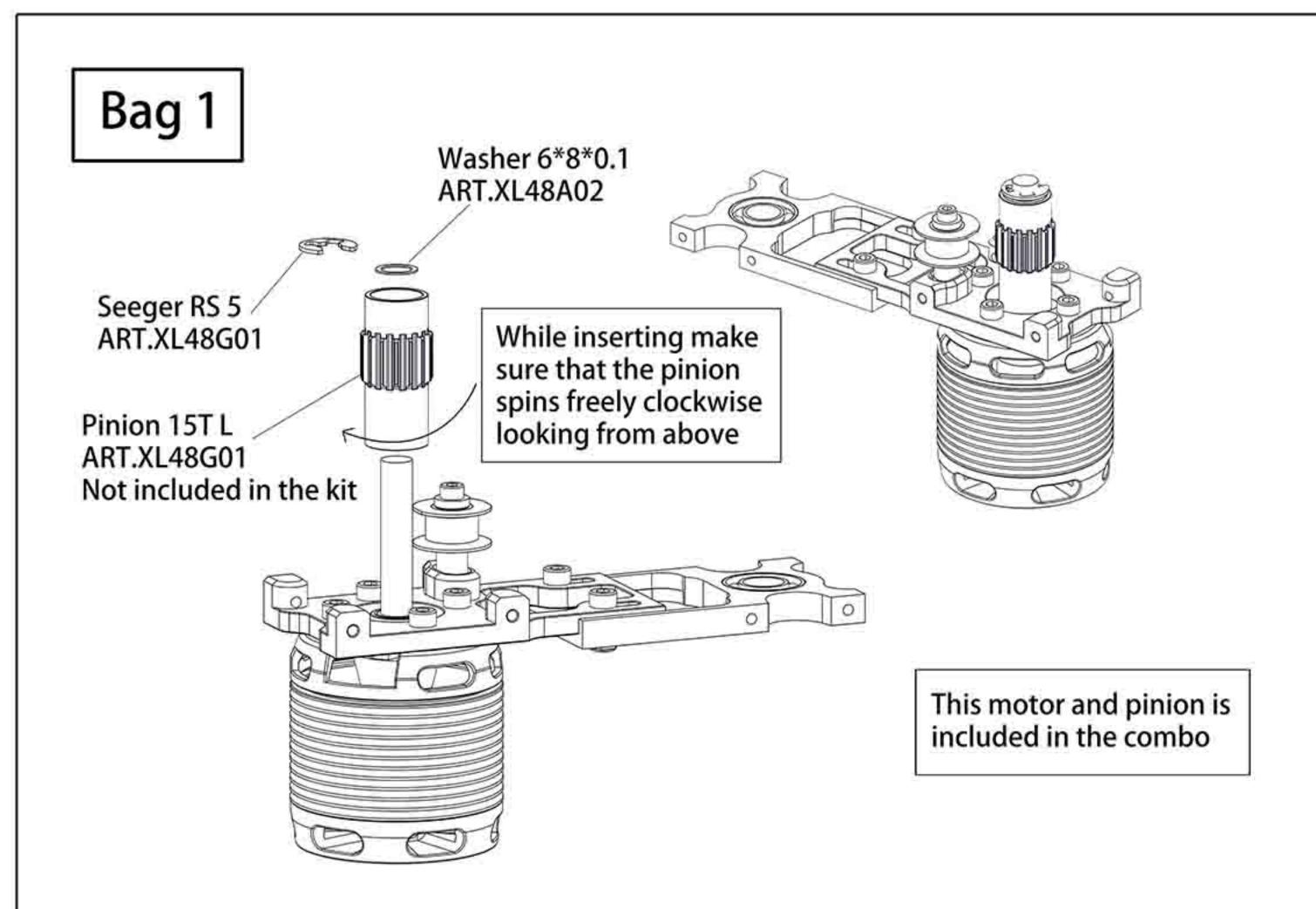


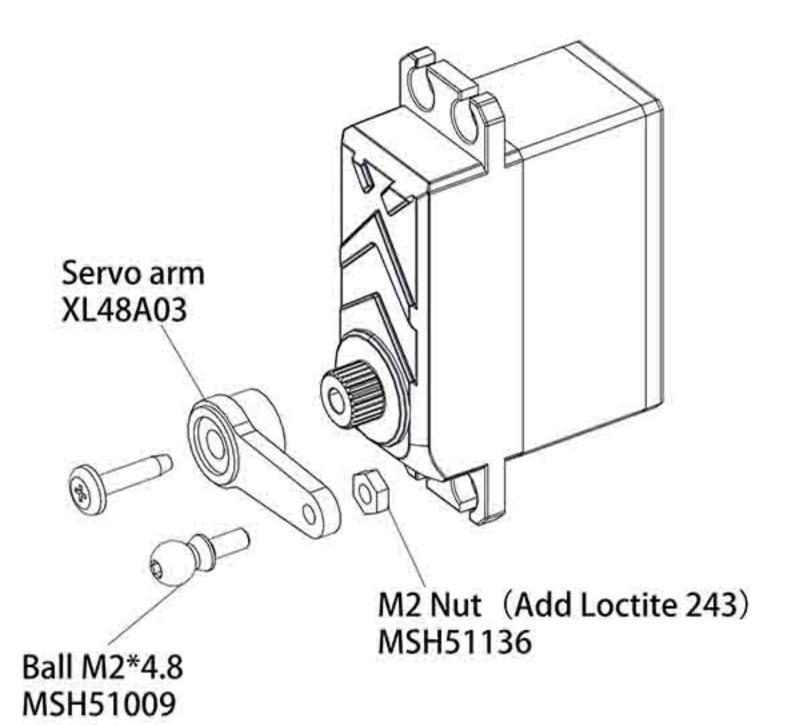
While inserting make sure that the pinion spins freely clockwise looking from above

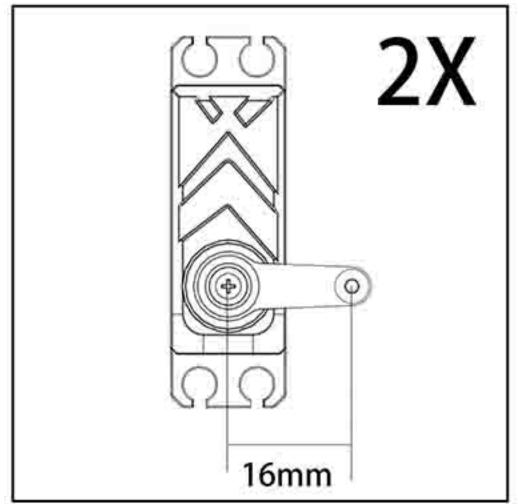


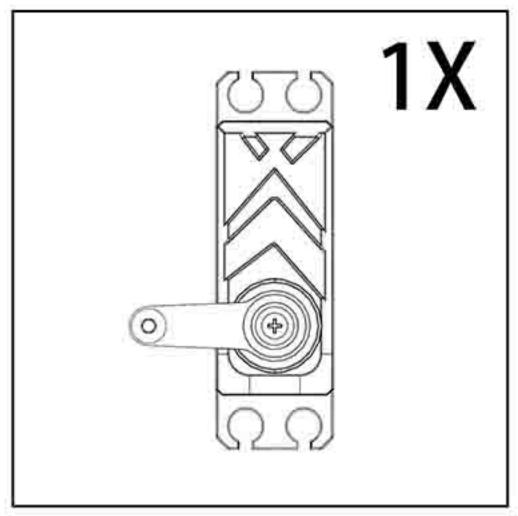


Bag 1 Screw M3\*8 (Add Loctite 243) ART.MSH51152 Motor (Special Shaft) ART.XL48M01 Not included in the kit

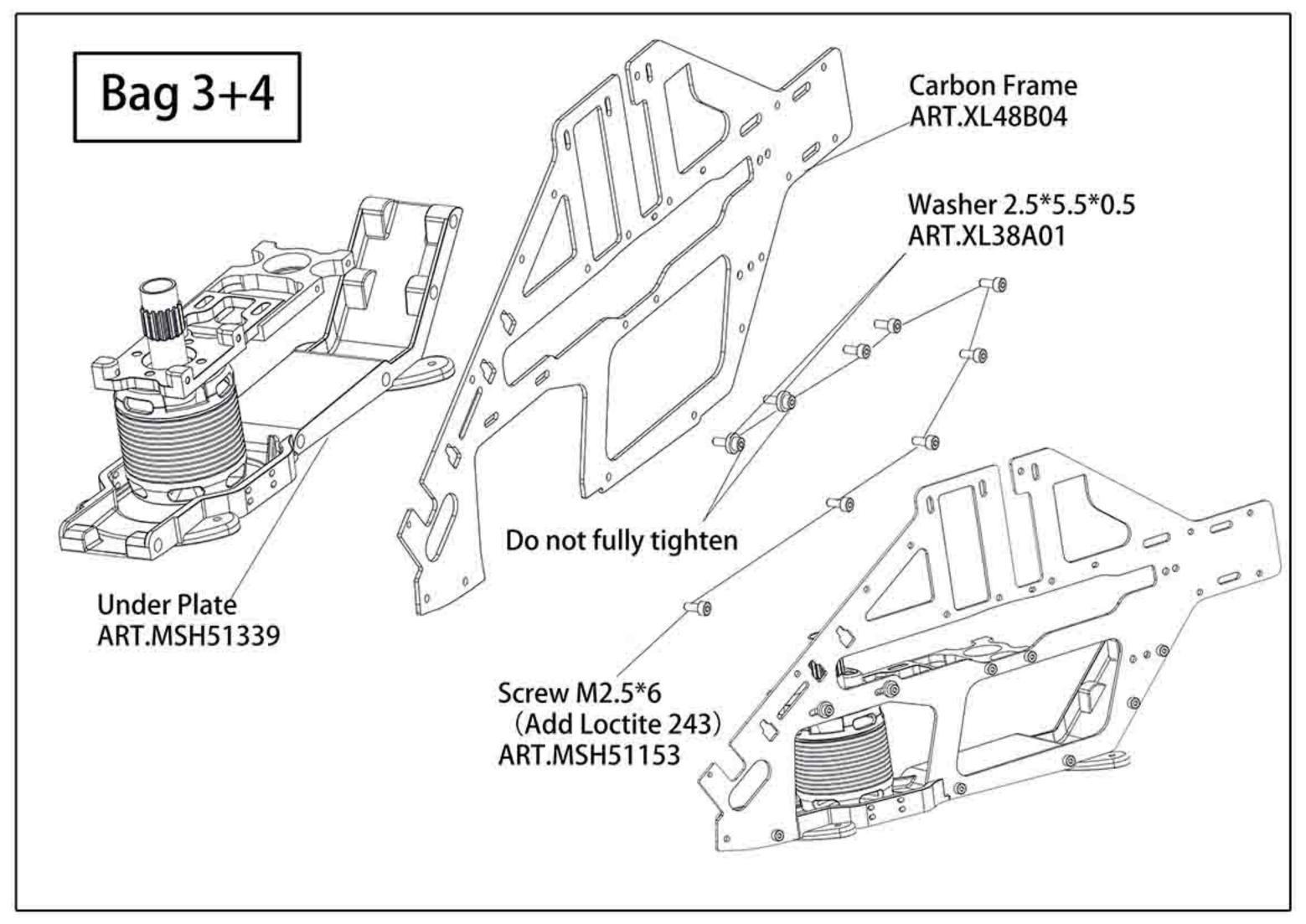


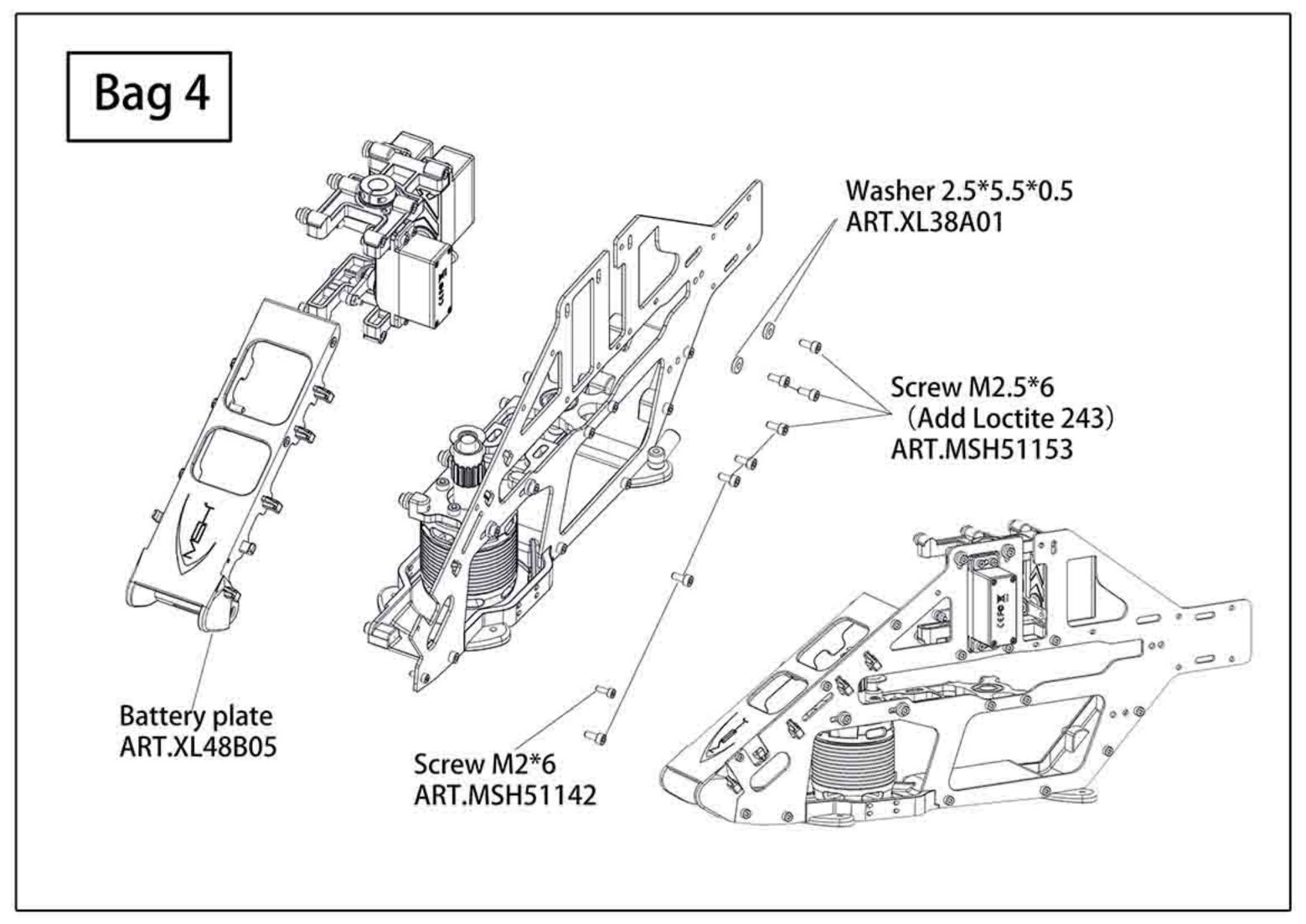




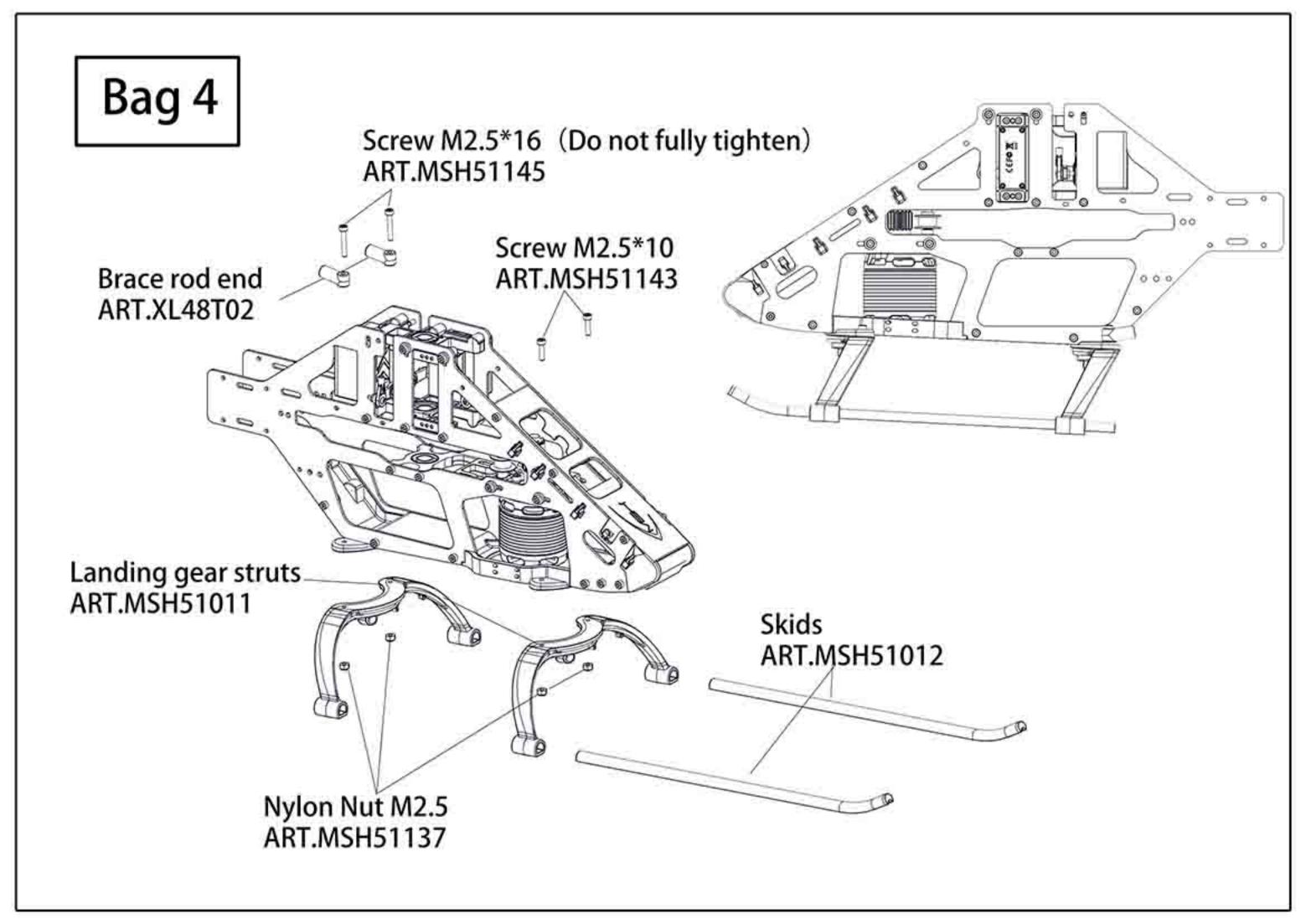


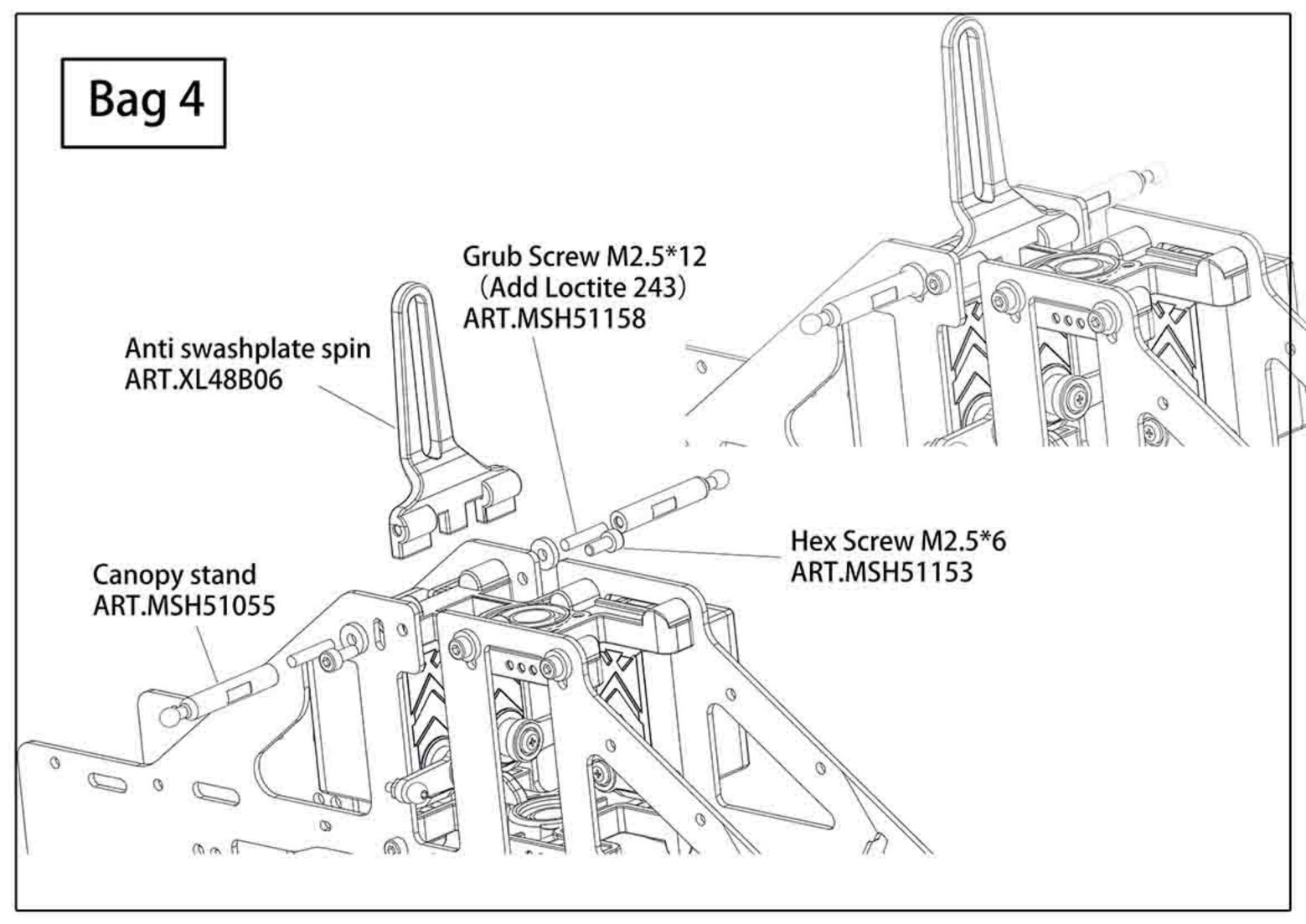
Screw M2\*10 Bag 2 Bearing 8\*16\*5 ART.MSH51141 ART.MSH51067 Servo Frame ART.MSH51082 Servo Adapter ART.MSH51037 @@ CERCA Bearing 8\*16\*5 Screw M2\*10 ART.MSH51067 ART.MSH51141 (0CO)

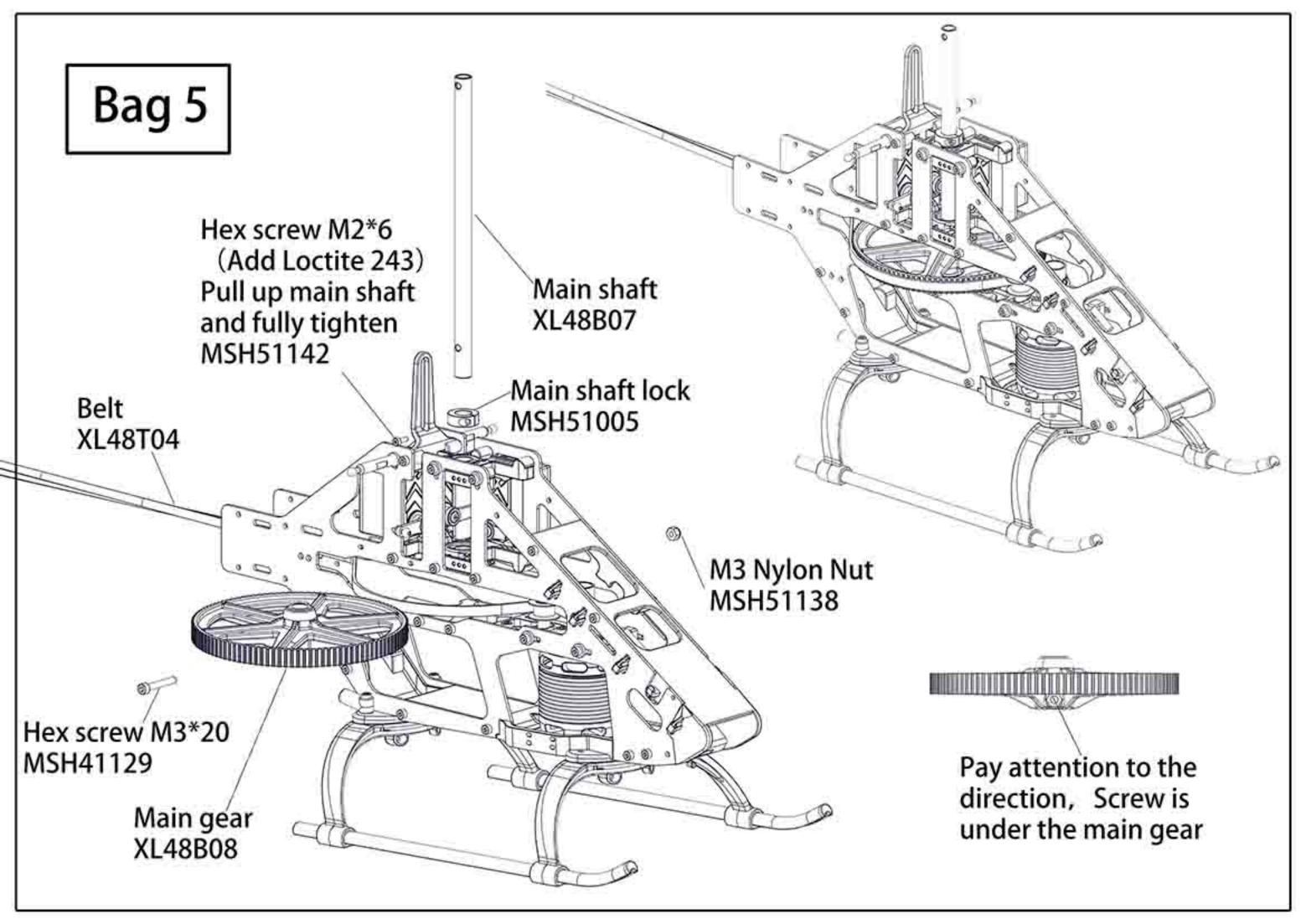


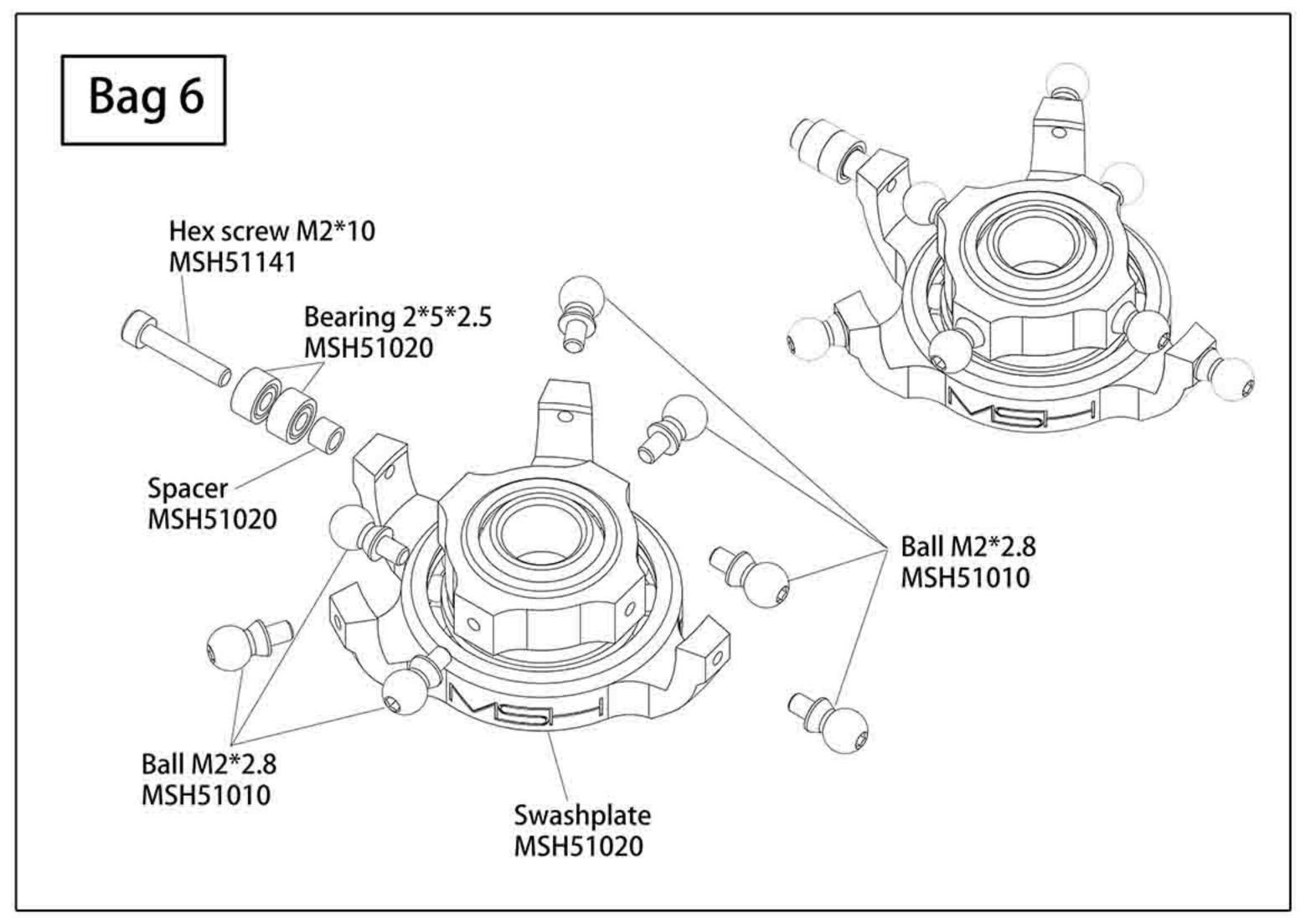


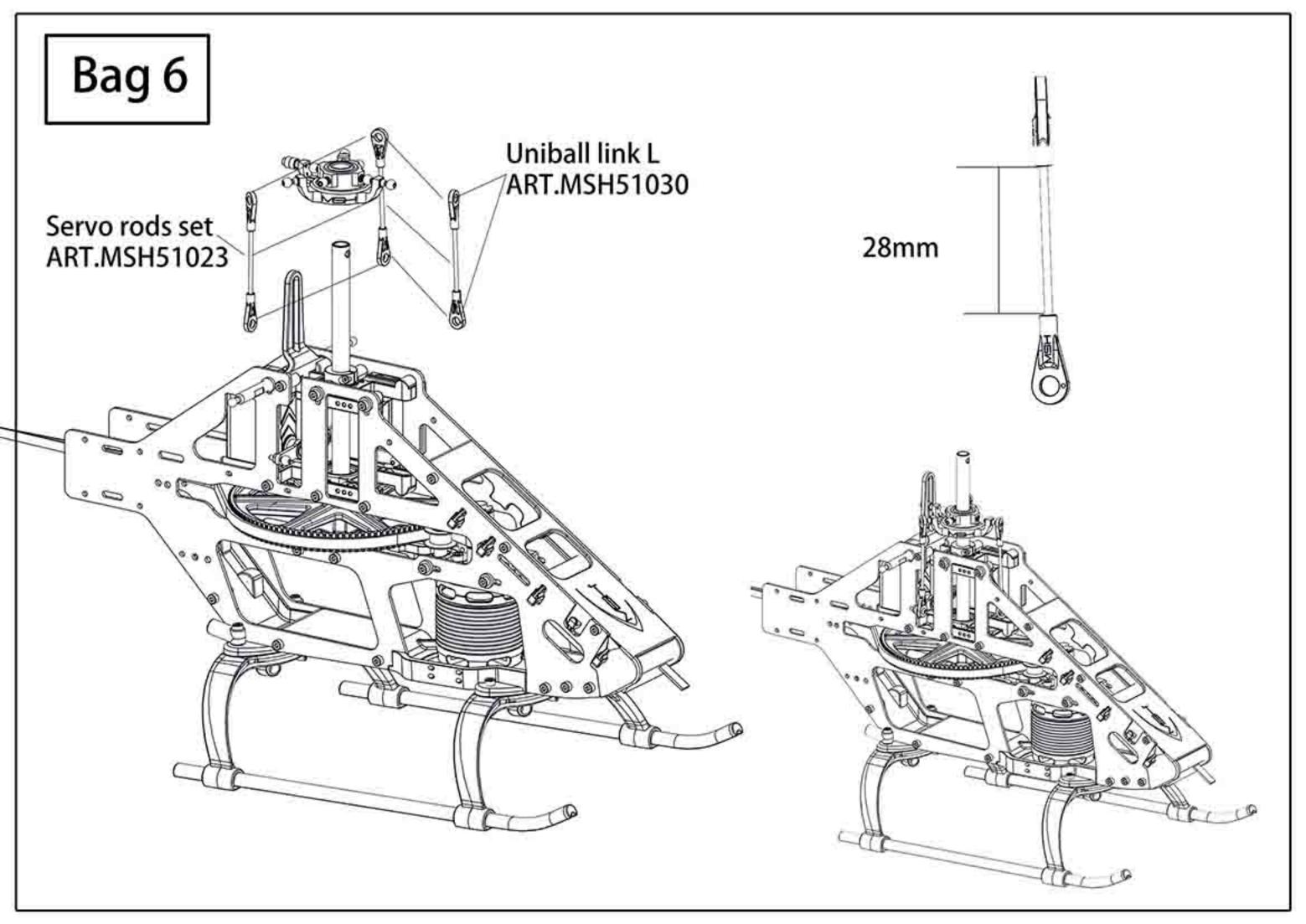
Bag 3 Washer 2.5\*5.5\*0.5 ART.XL38A01 Screw M2.5\*6 (Add Loctite 243) Do not fully tighten ART.MSH51153 Screw M2\*6 ART.MSH51142

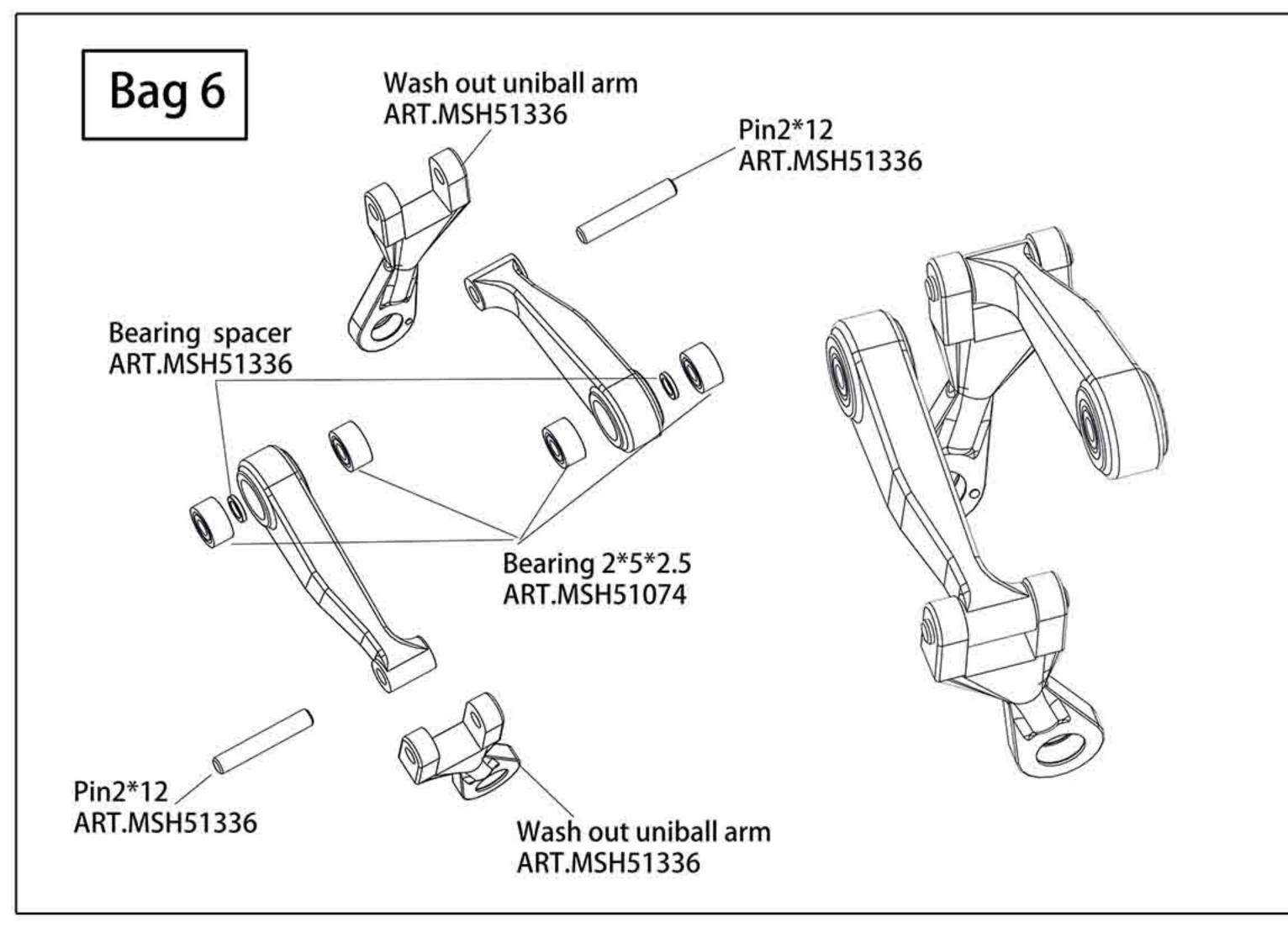


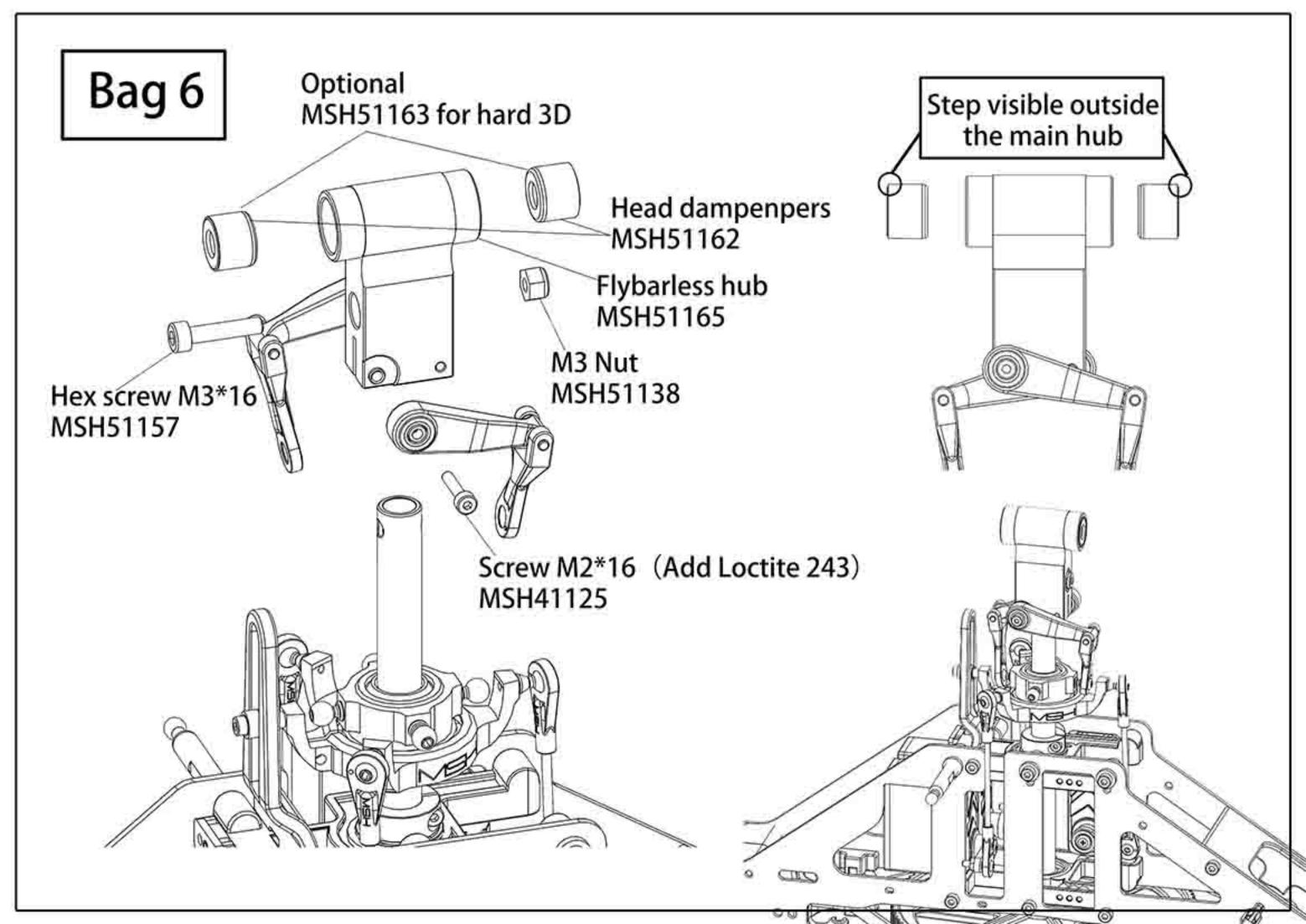


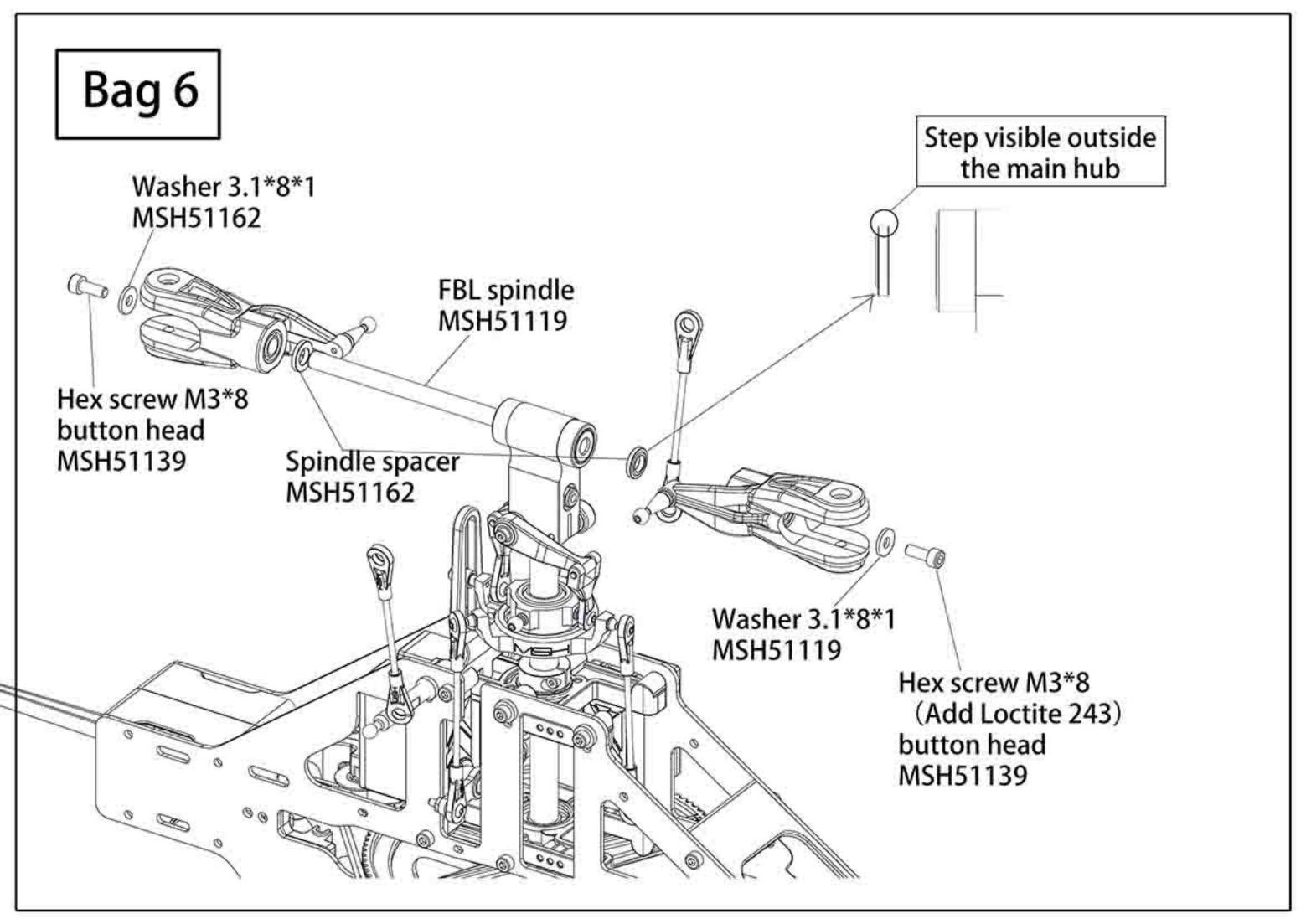




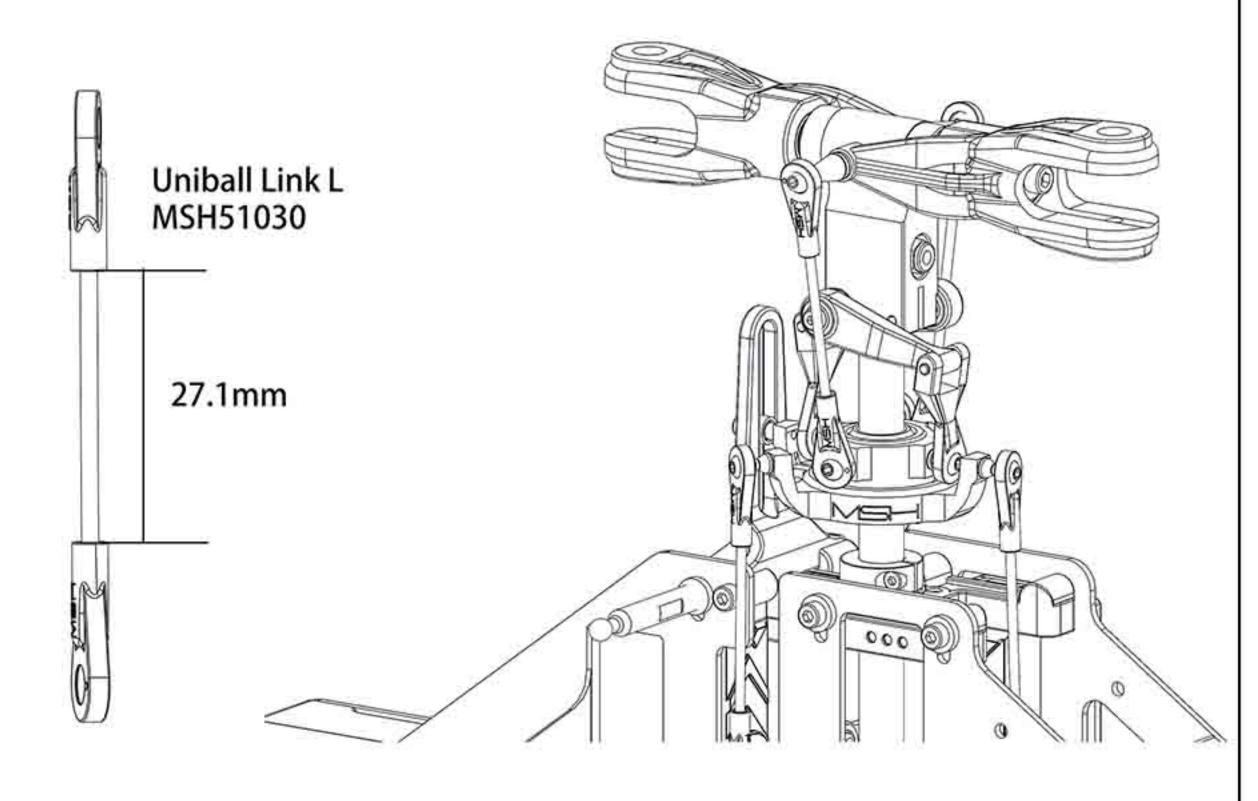


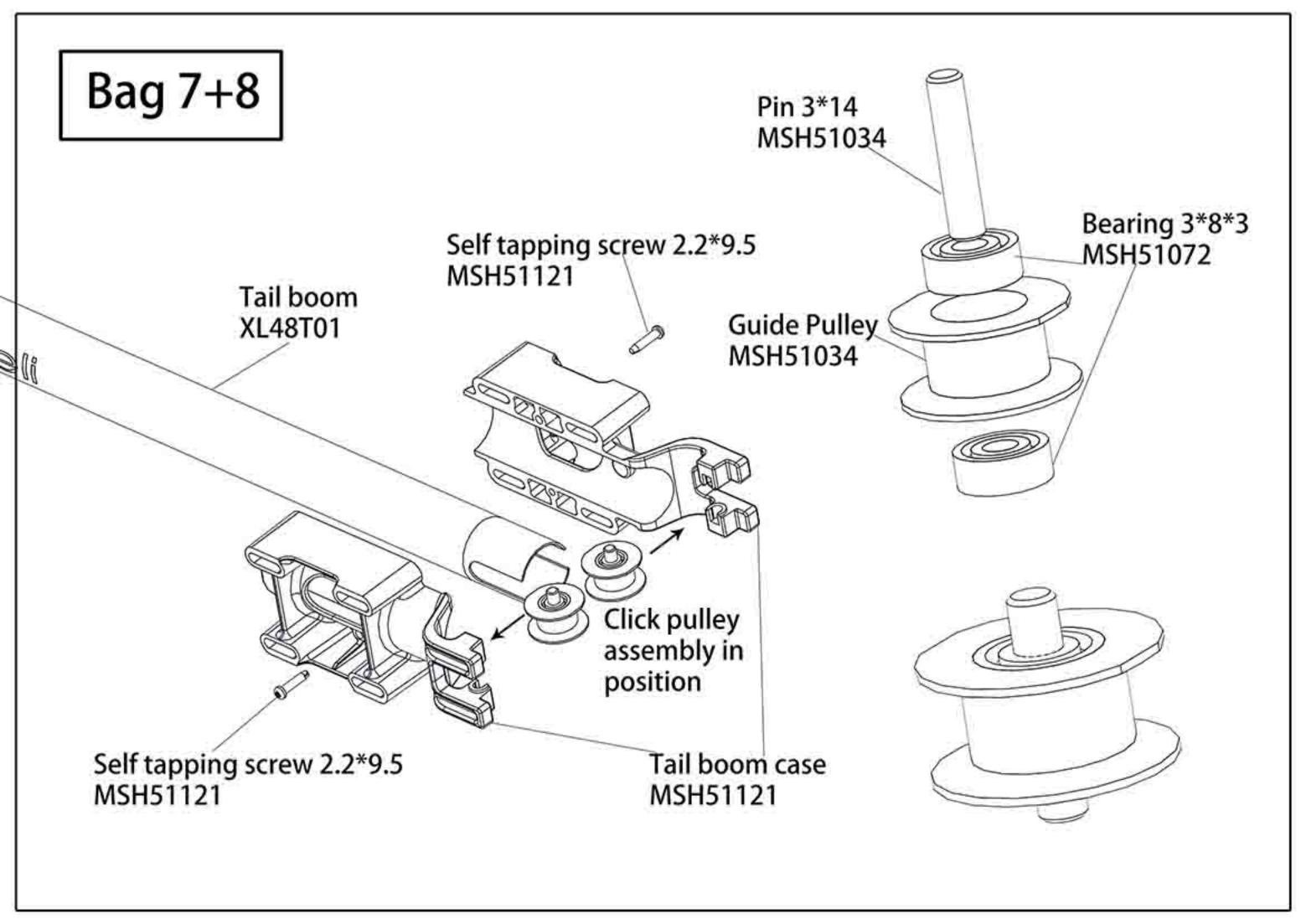


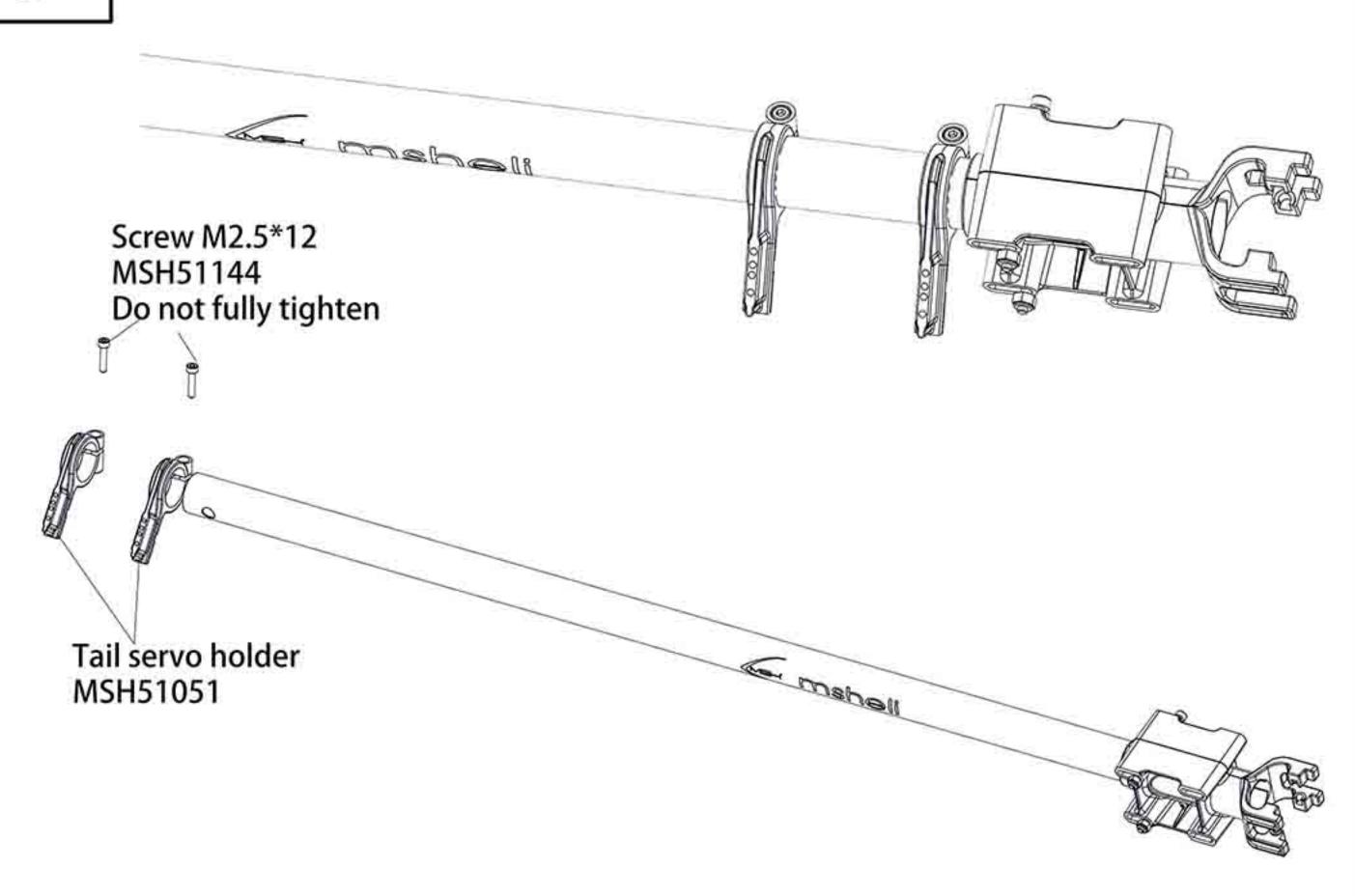


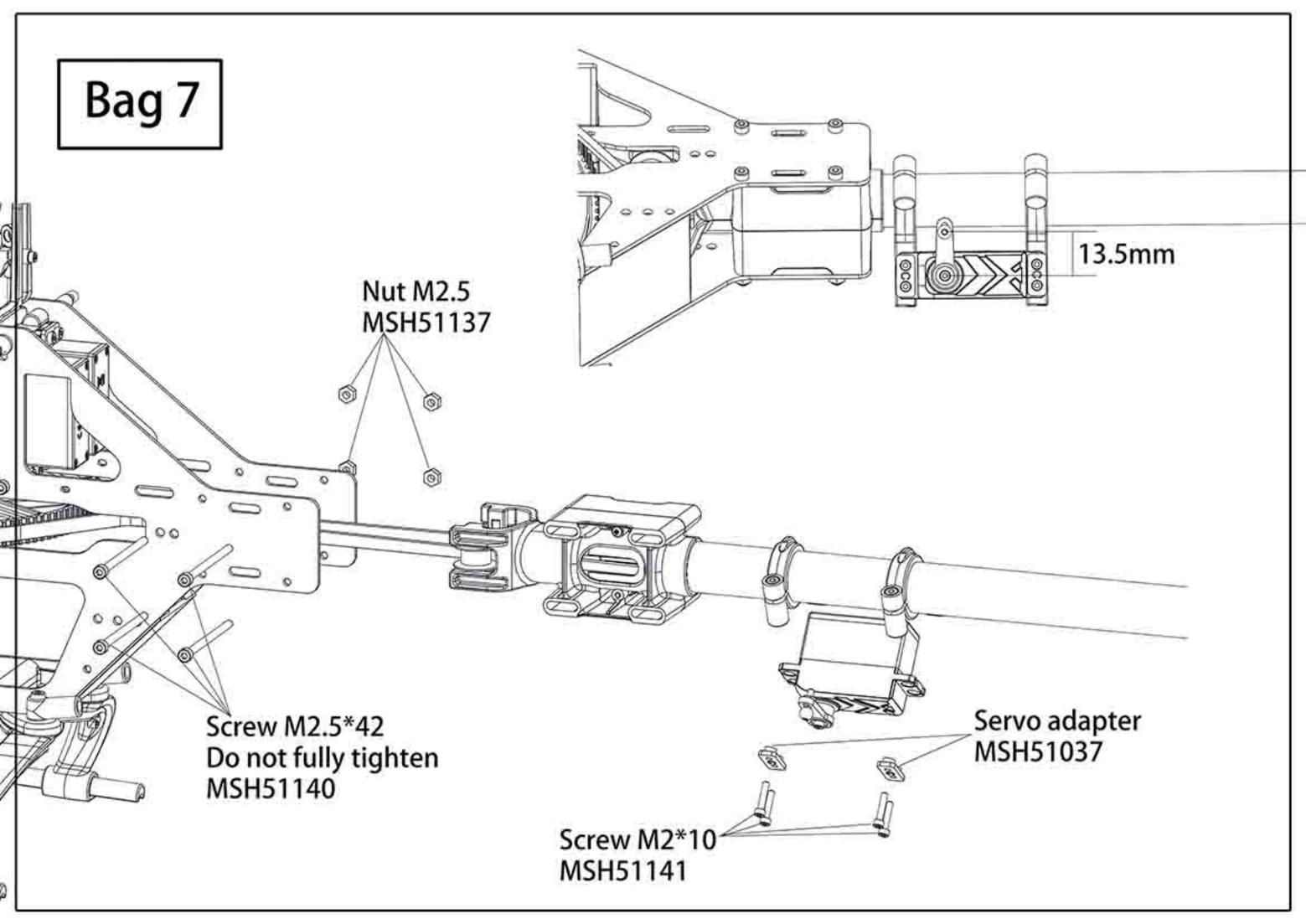


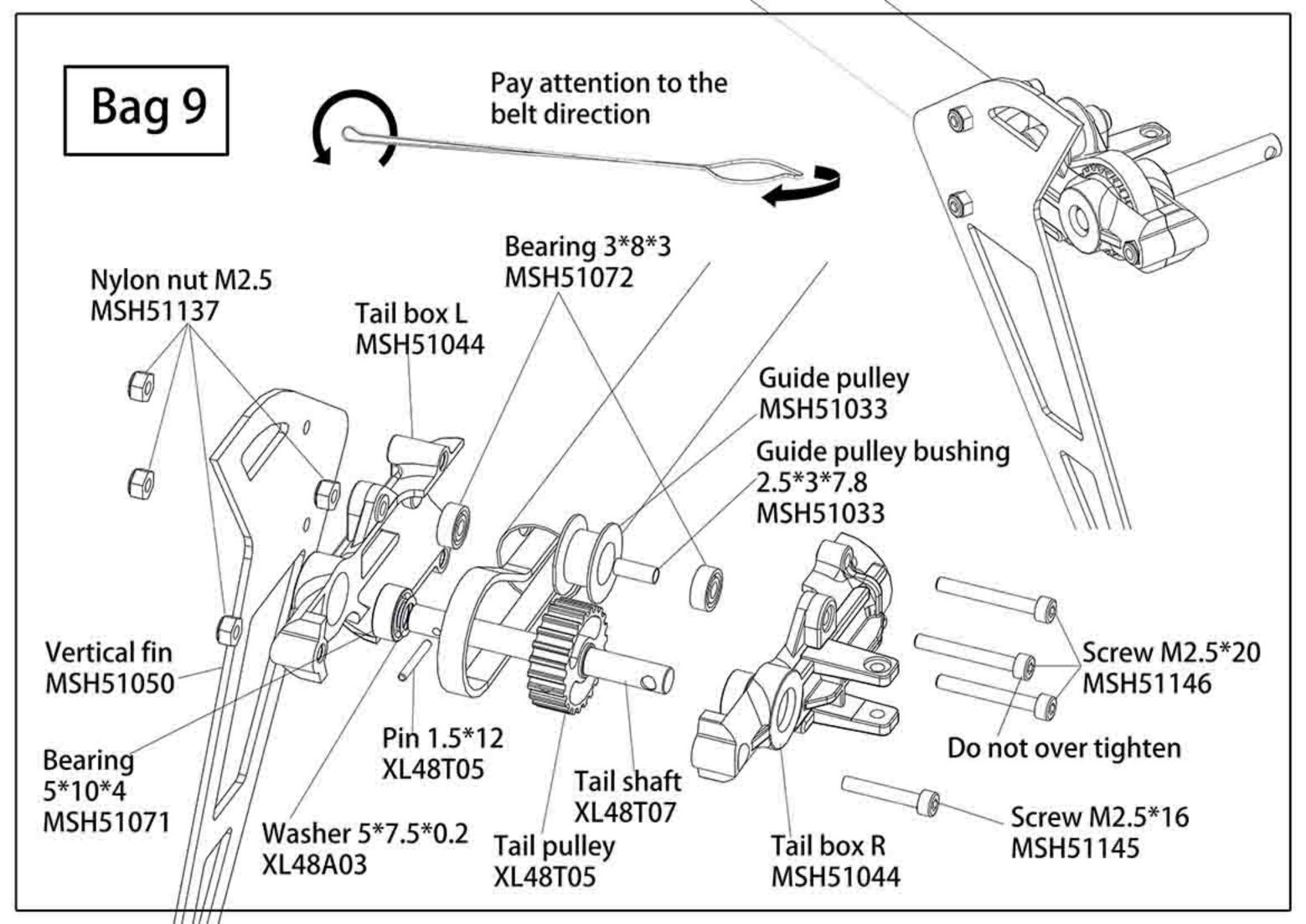
Bag 6 Ball long stand grips Do not over tighten MSH51118 Main blade holder Washer MSH51085 Bearing 5\*10\*4 Apply grease on thrust bearing MSH51071 Larger inner hole Smaller inner hole Thrust bearing 5\*10\*4 Bearing 5\*10\*4 Apply greese MSH51071 MSH51065 Washer 5\*8\*0.1 MSH51065

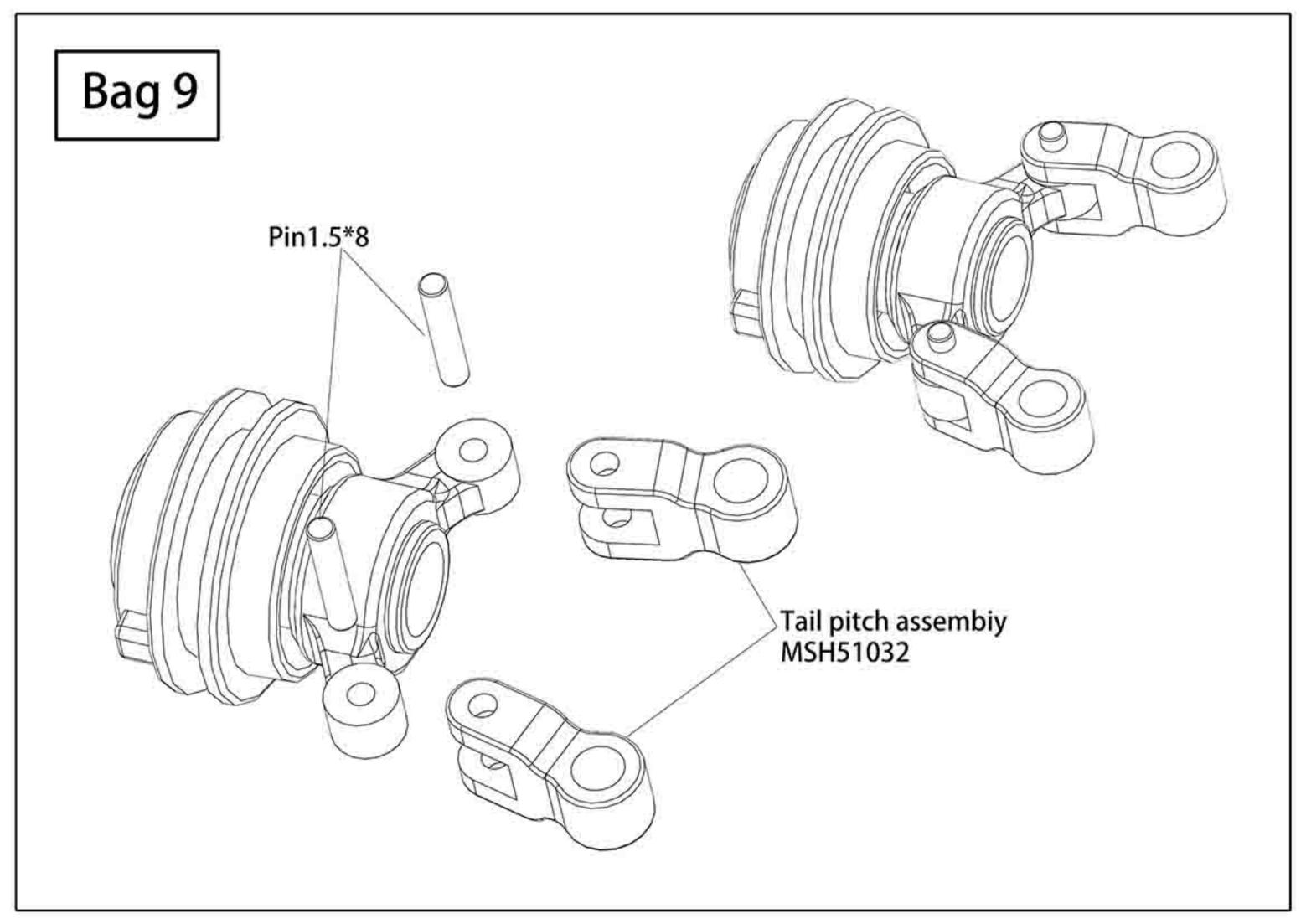


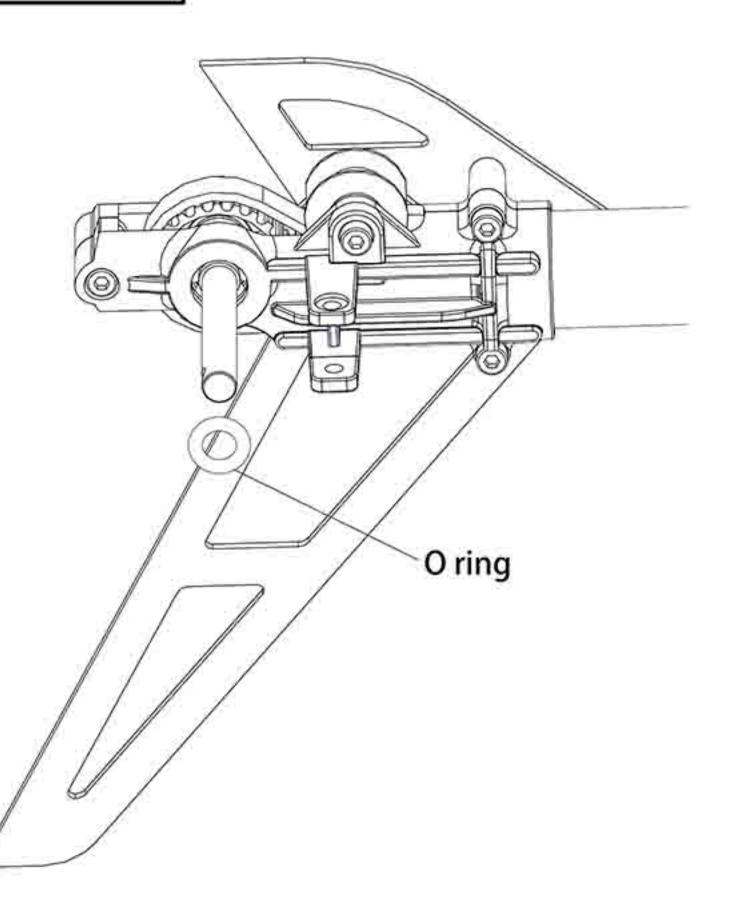


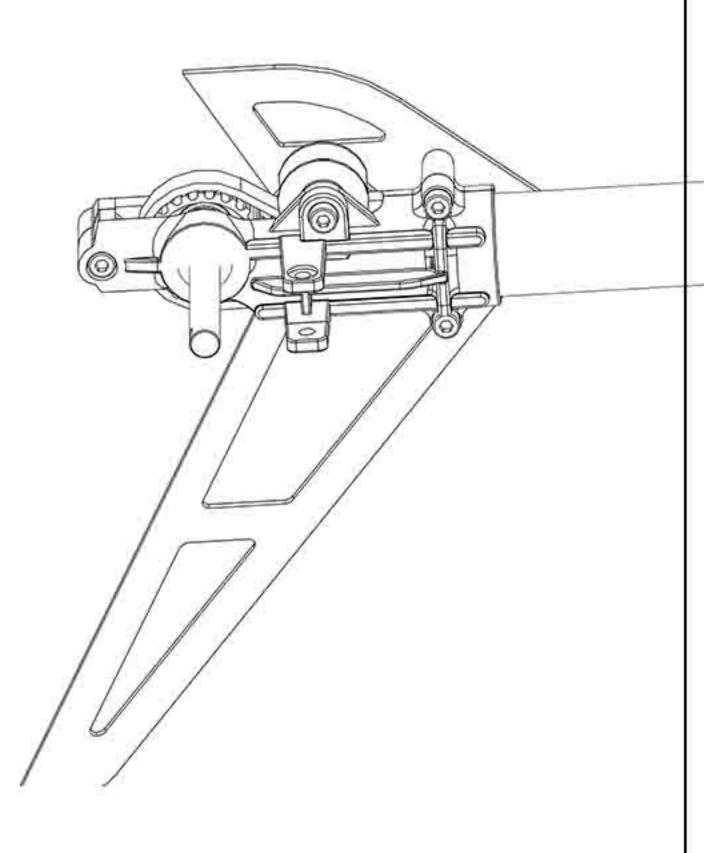


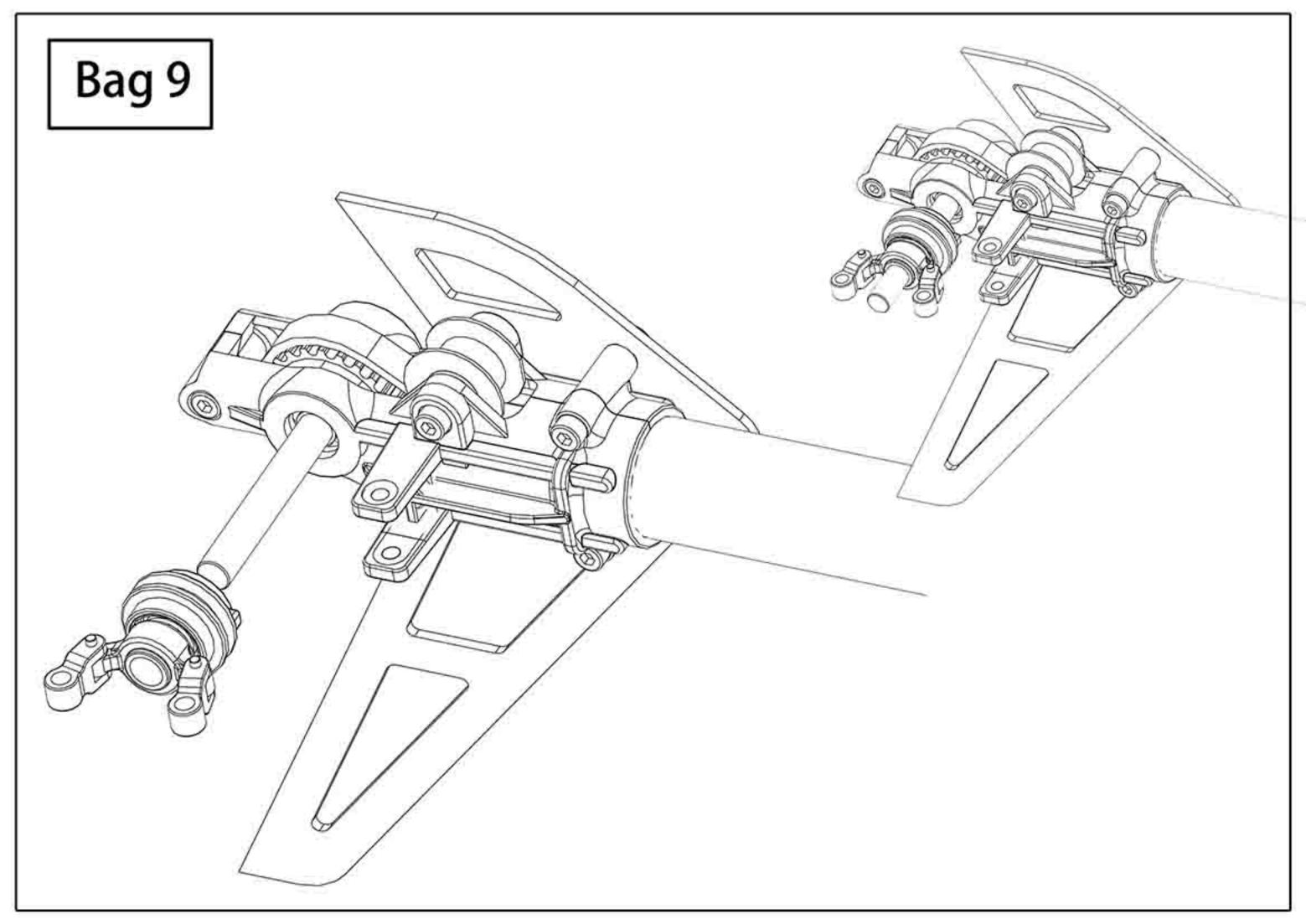


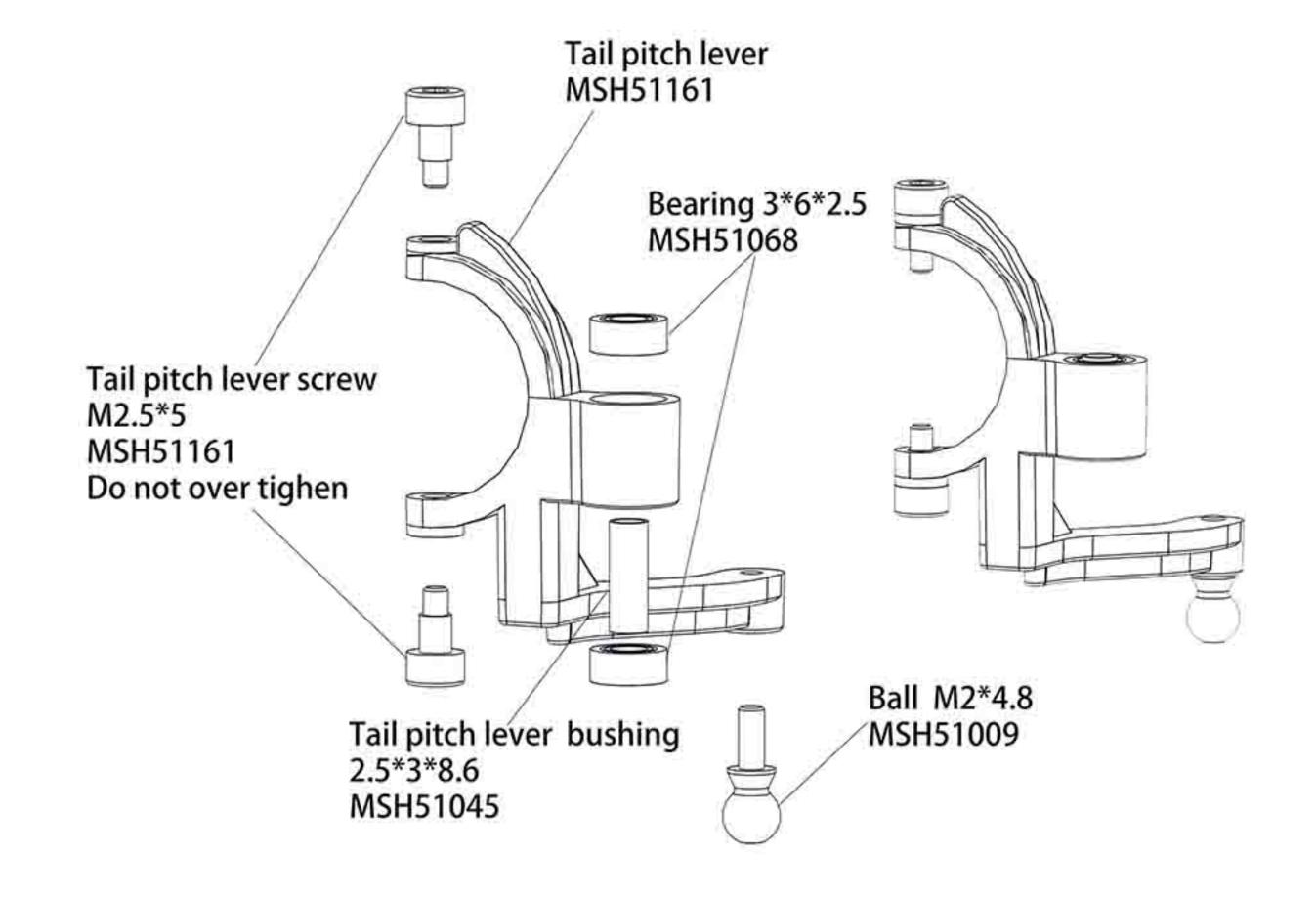


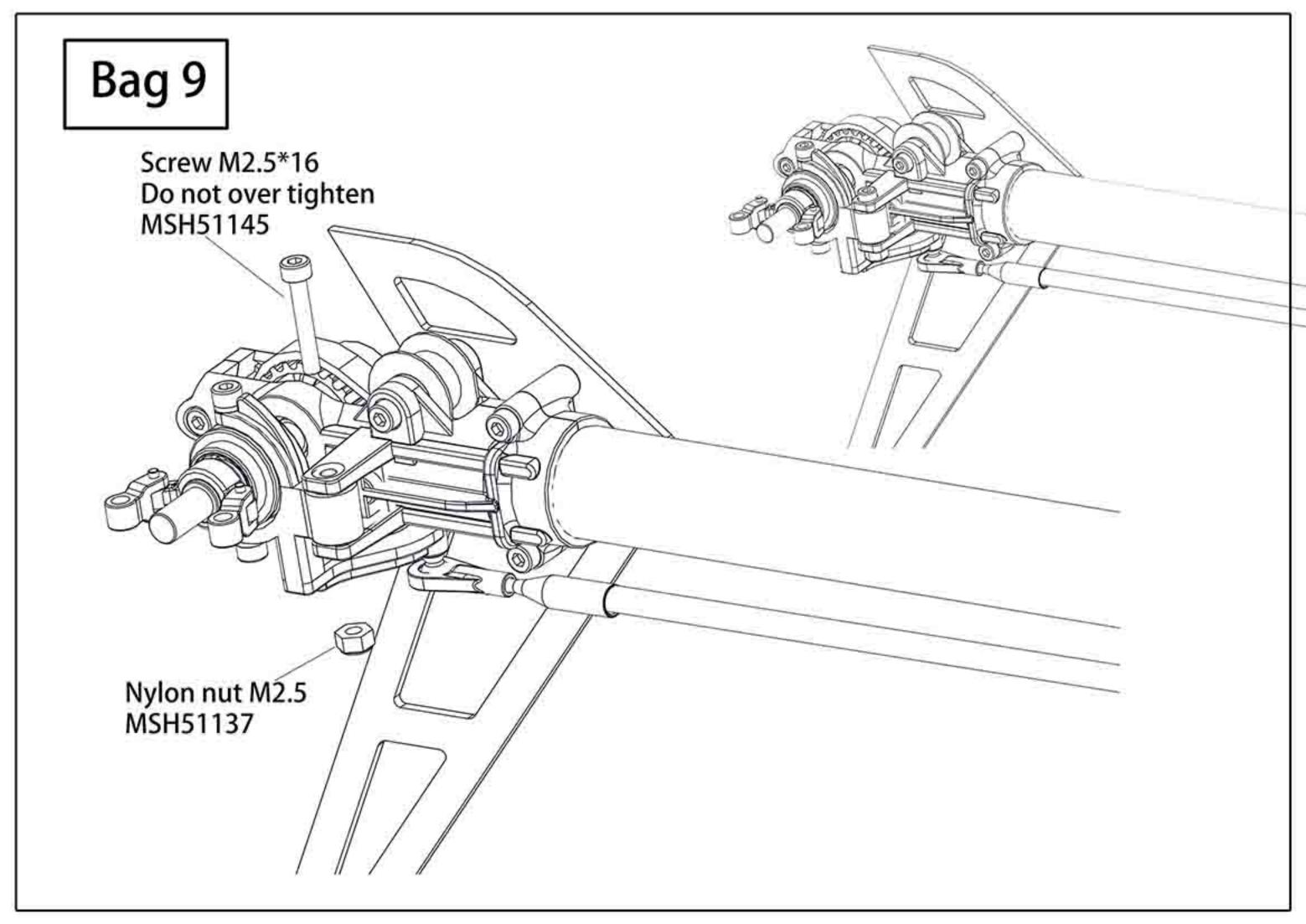


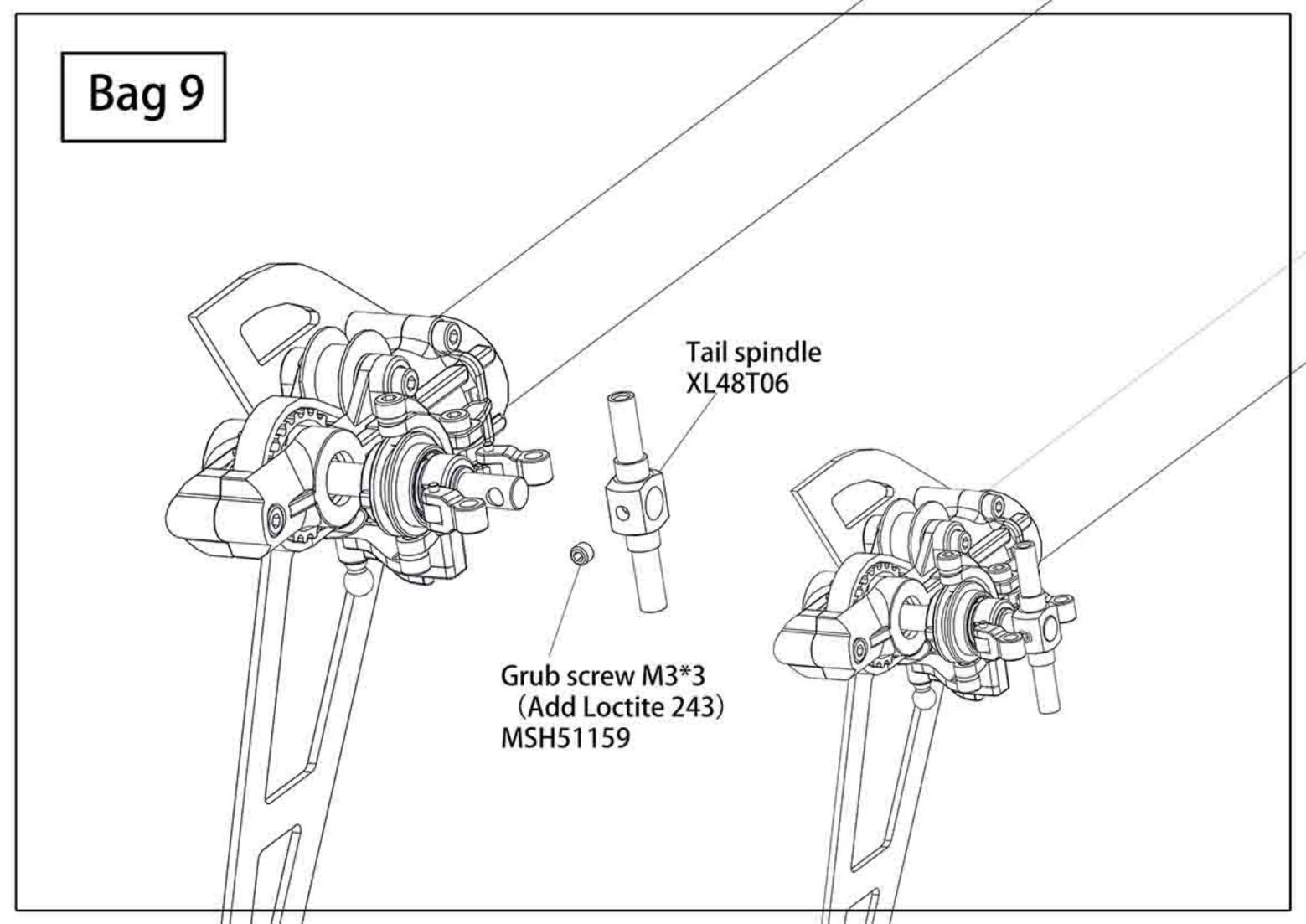


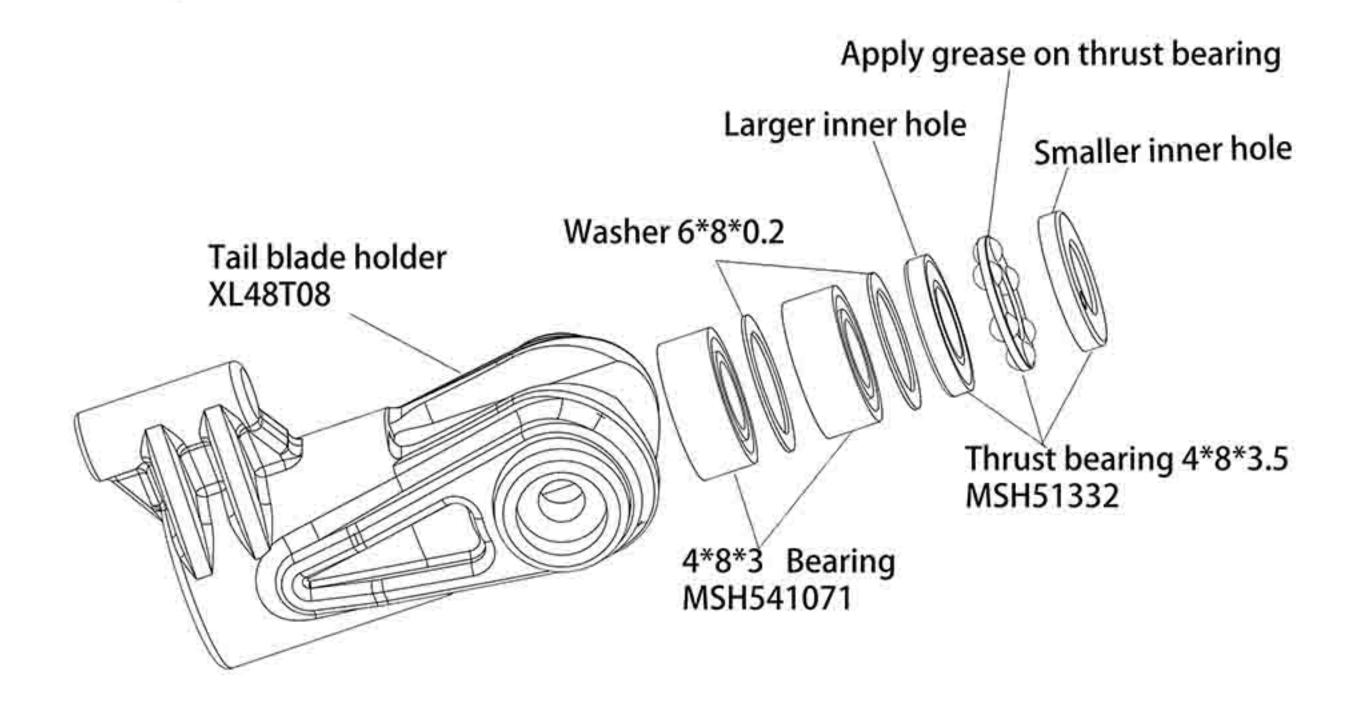


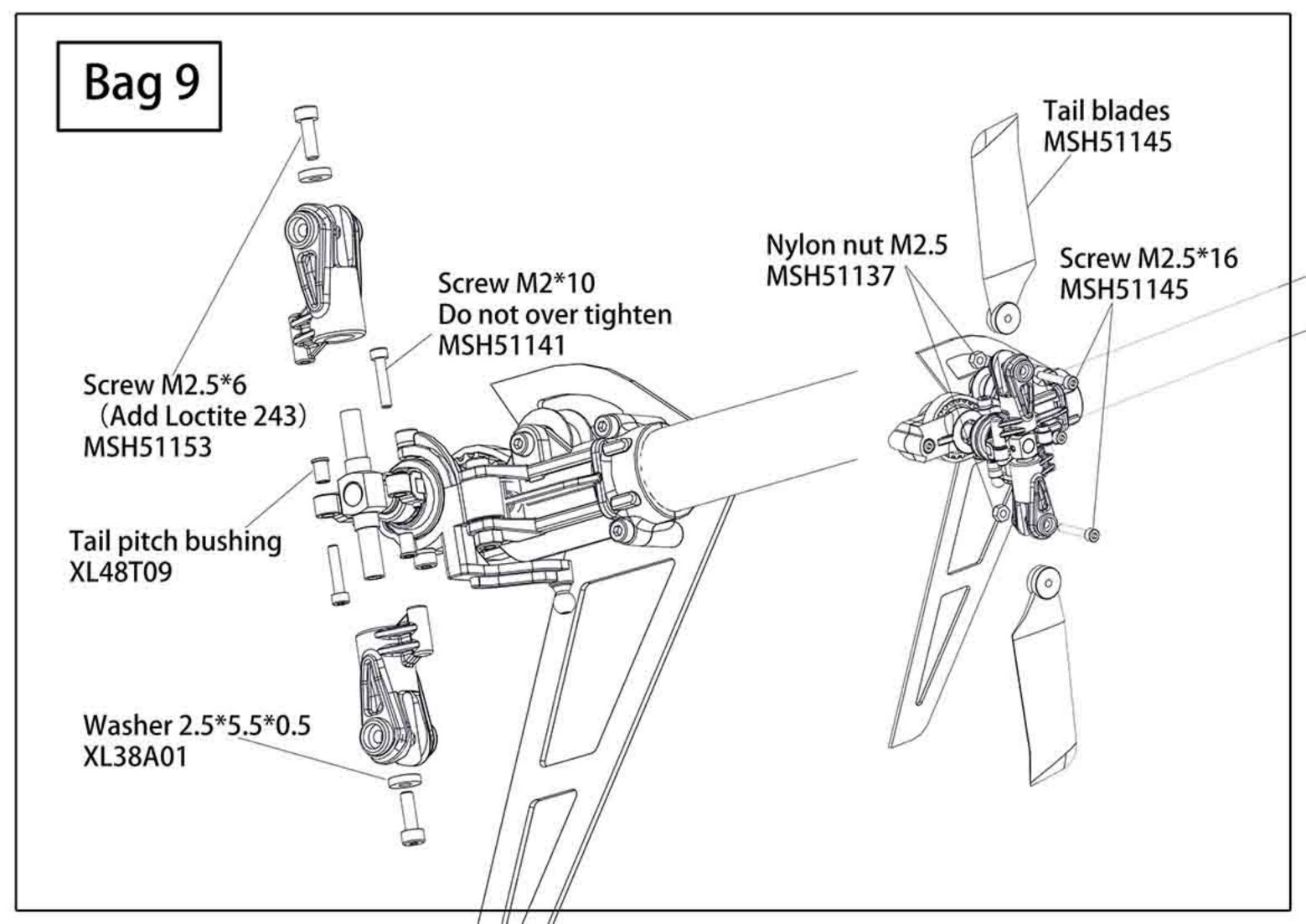


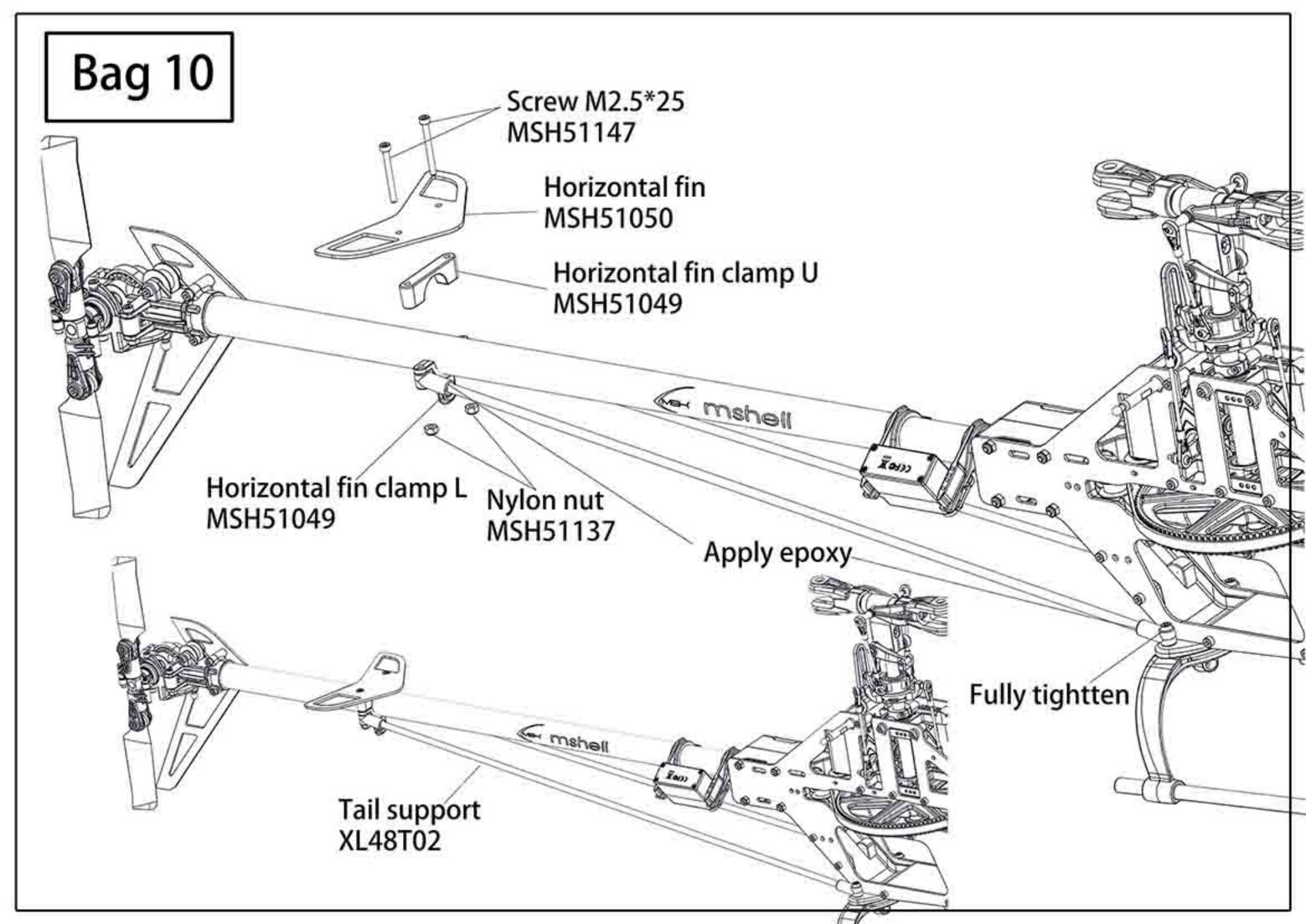




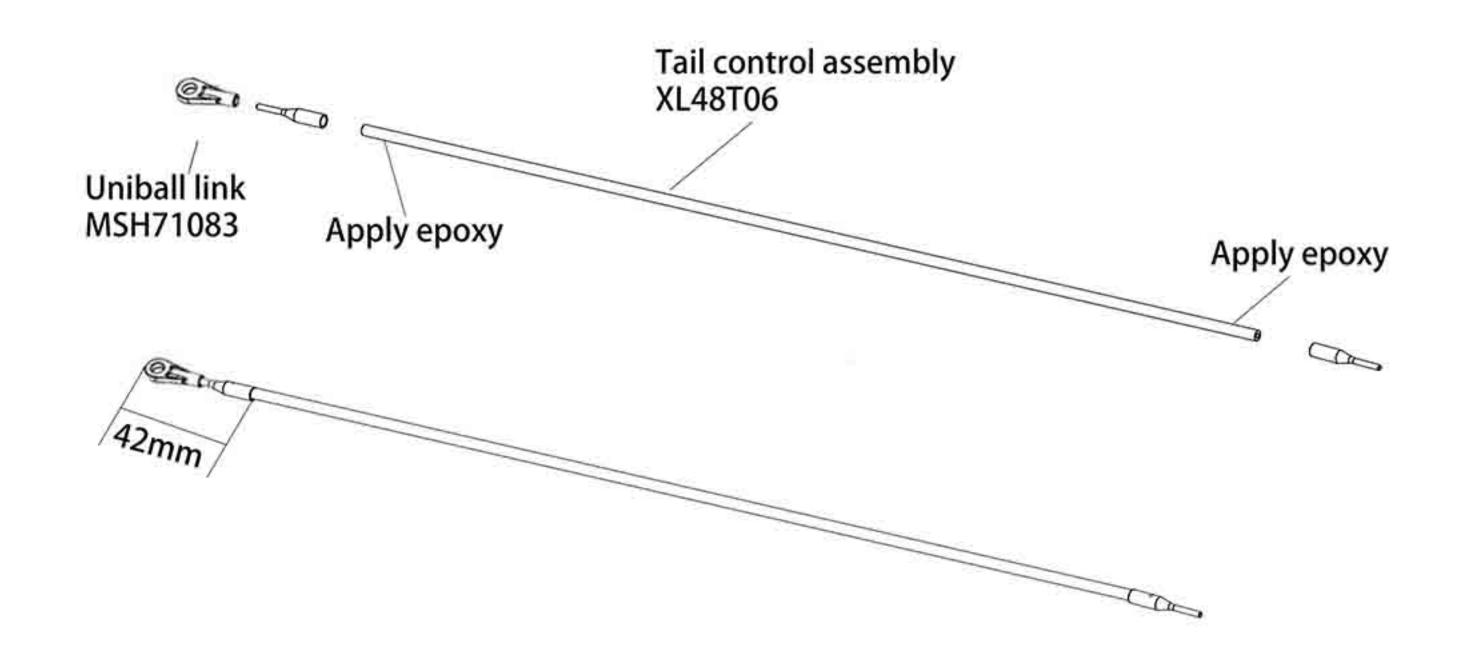


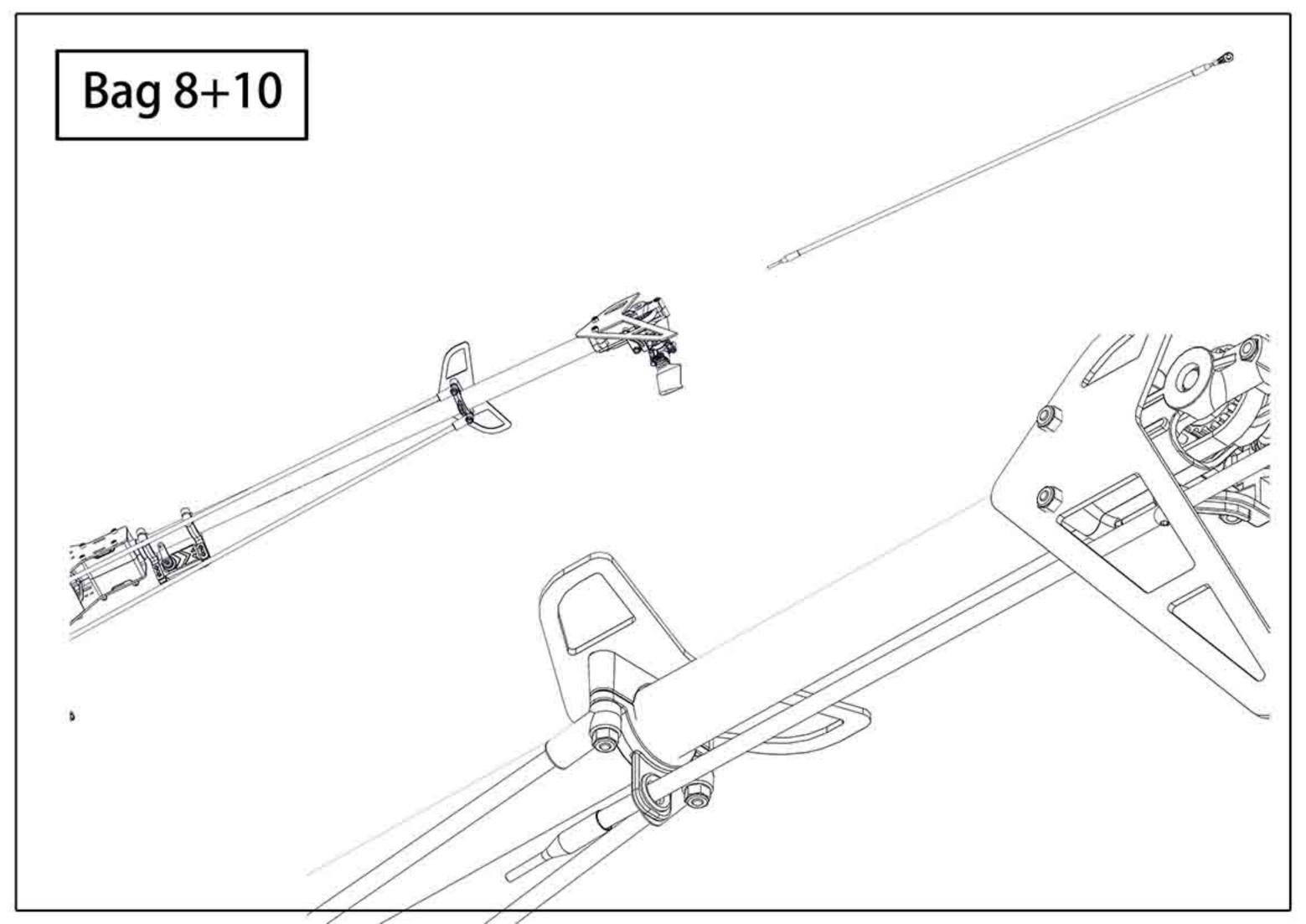


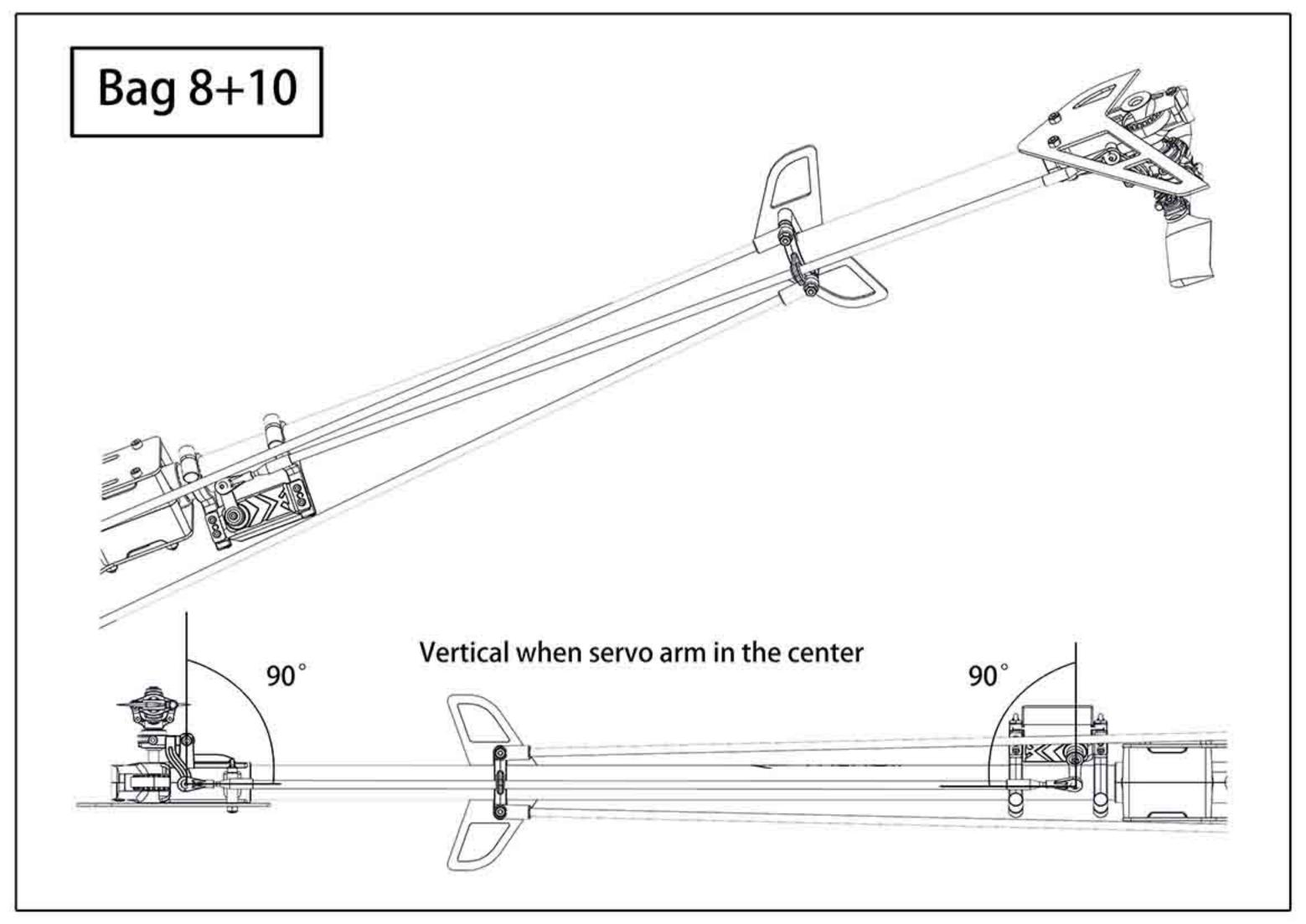




Bag 8+10







#### Check belt tensioner Belt can move 1-2mm is ok

