

Main rotor diameter: 736mm (3s) - 786mm (6s)

Tail rotor diameter: 157mm Length without main blades: 739mm

Length with main blades: 904mm (3s) - 929mm (6s) 325mm (3s) - 350mm (6s)

Main blades length: Overall height:

223mm 4,29

Tail rotor-Main rotor ratio:

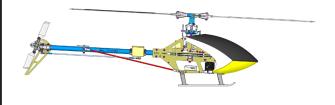
120T Main pulley: 645gr

Weight AUW without battery:



RC helicopter Instruction Manual

Index





3	safety rules	
4	assembly tools required	
5	R/C equipement required for assembly	
6	motor pinion teeth choice	
7-13	main frame assembly	
14-19	head assembly	
20-30	tail assembly	
31-33	motor installation	
34-35	battery, ESC and canopy installation	
35	belt tensioning diagram	



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 reliable 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

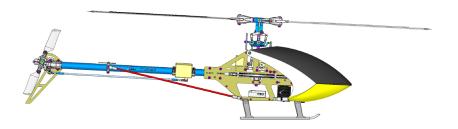
Operate the helicopter only outdoors and out of people's reach as the main rotor operates at high rpm! While adjusting, stand at least 10 meters

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!

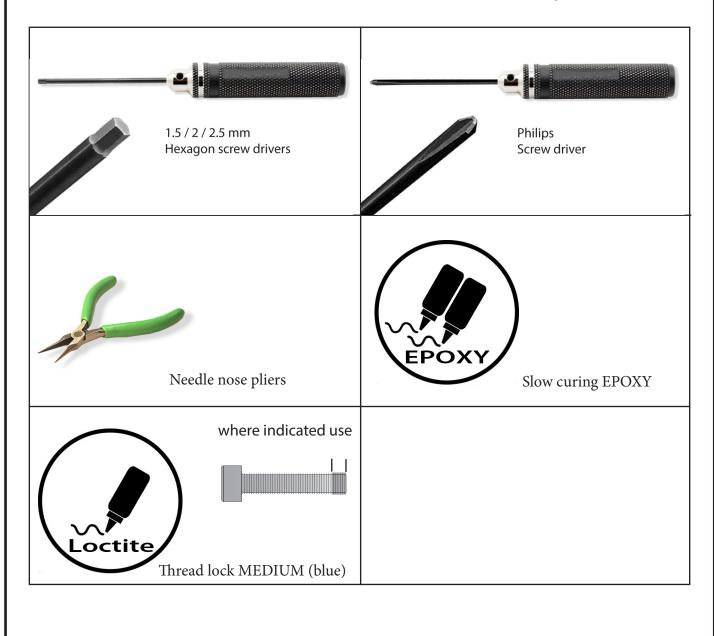
In the beginning, novice R/C helicopter pilots should always be assisted by an experienced pilot and never fly alone!

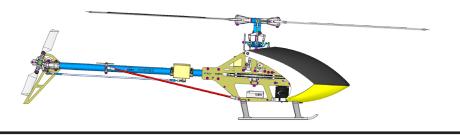
MSHeli Srl Italy





Tools required for assembly







R/C equipement required for assembly

Swashplate servos supported:
3 micro servos

Tail servo supported:
Mini and Regular size servos

Trasmitter / Receiver:
Satellites:
Spektrum: DSM 2 - DSM X
Futaba : S-Bus - S-Bus 2
HOTT SumD
MPX Srxl

Standard receiver: all

Battery pack:

LiPo 3s 2000-2500mAh

OI

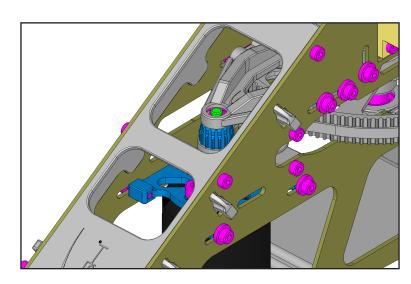
LiPo 6s 1300-1400mAh

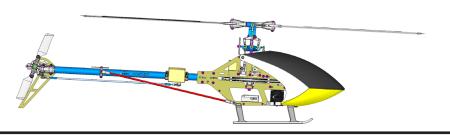




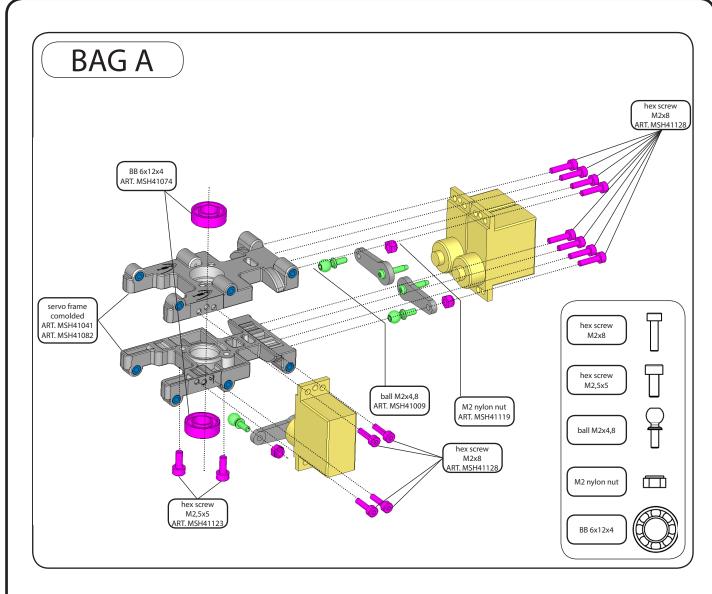
Motor pinion teeth choice

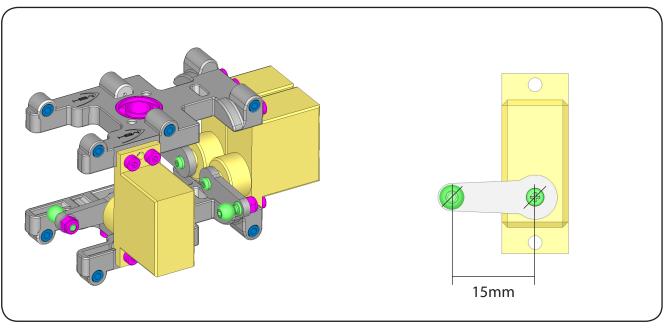
Fly style	Battery type 3s	Battery type 6s
Beginner	14-15	13-14
Sport	15-16	14-15
Soft 3D	16	15
Hard 3D	17	16



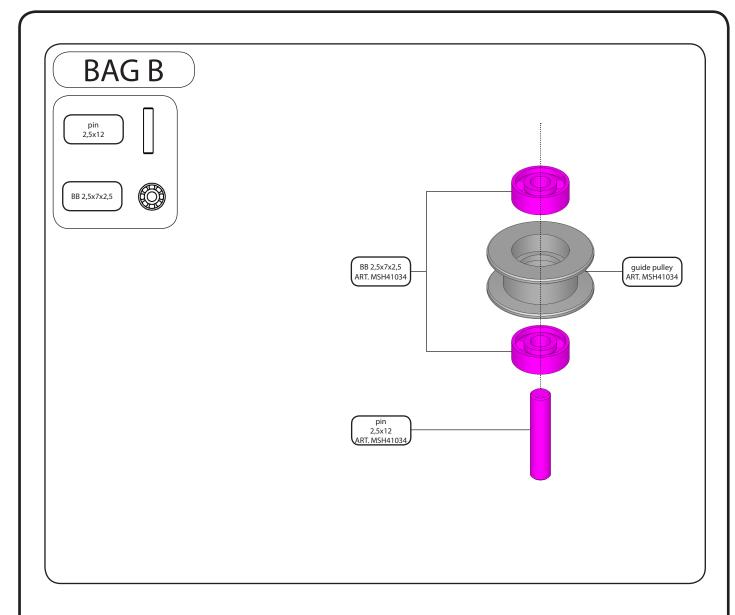


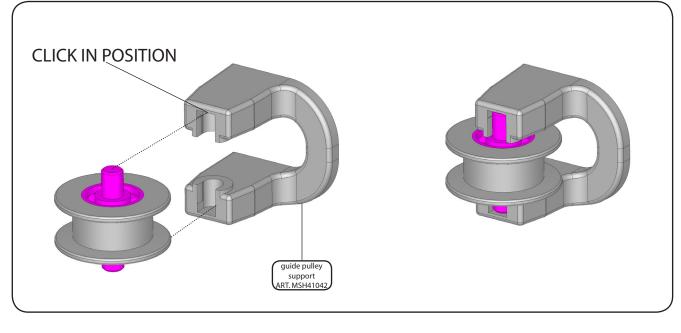




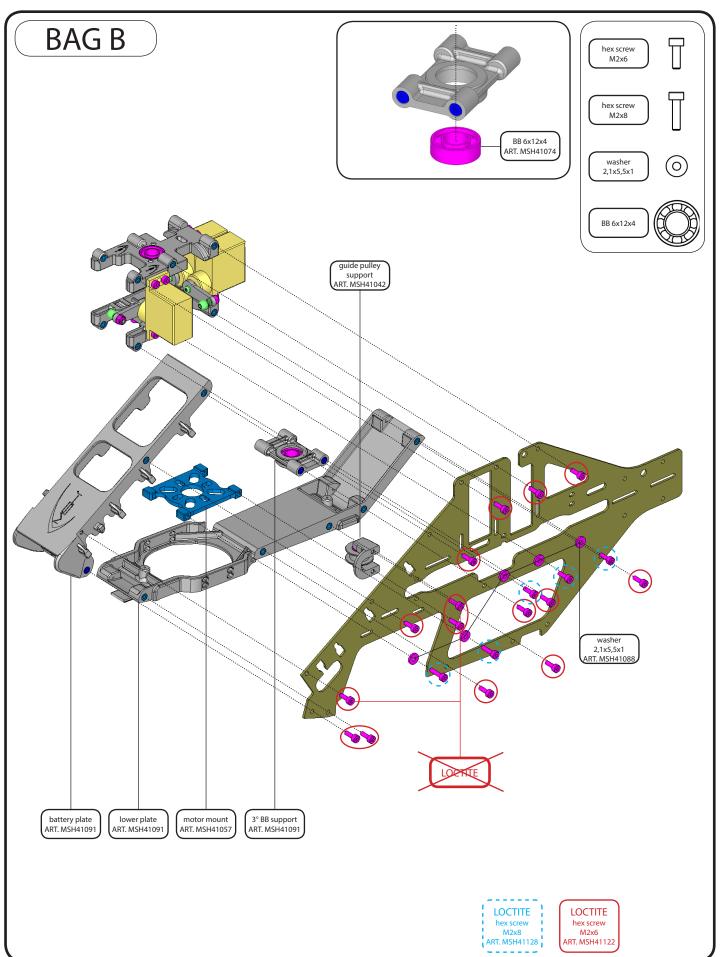




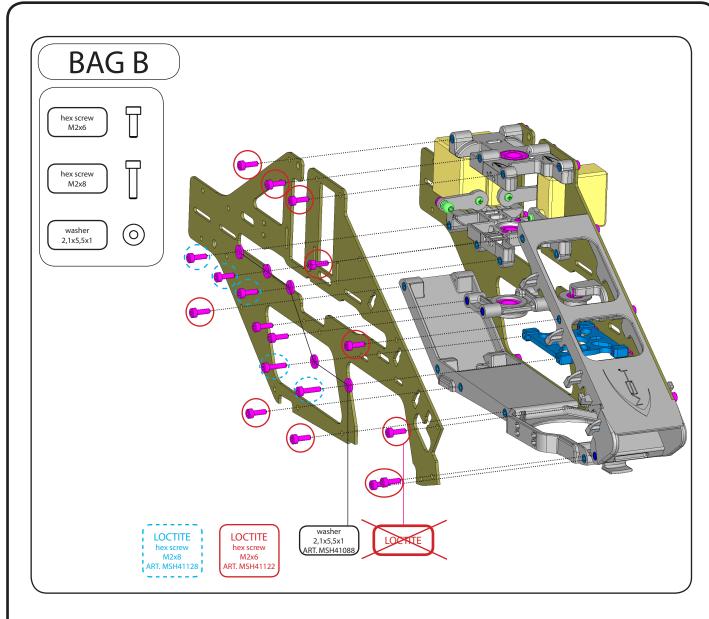


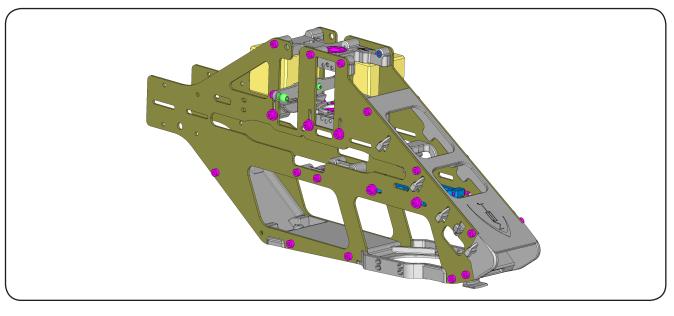




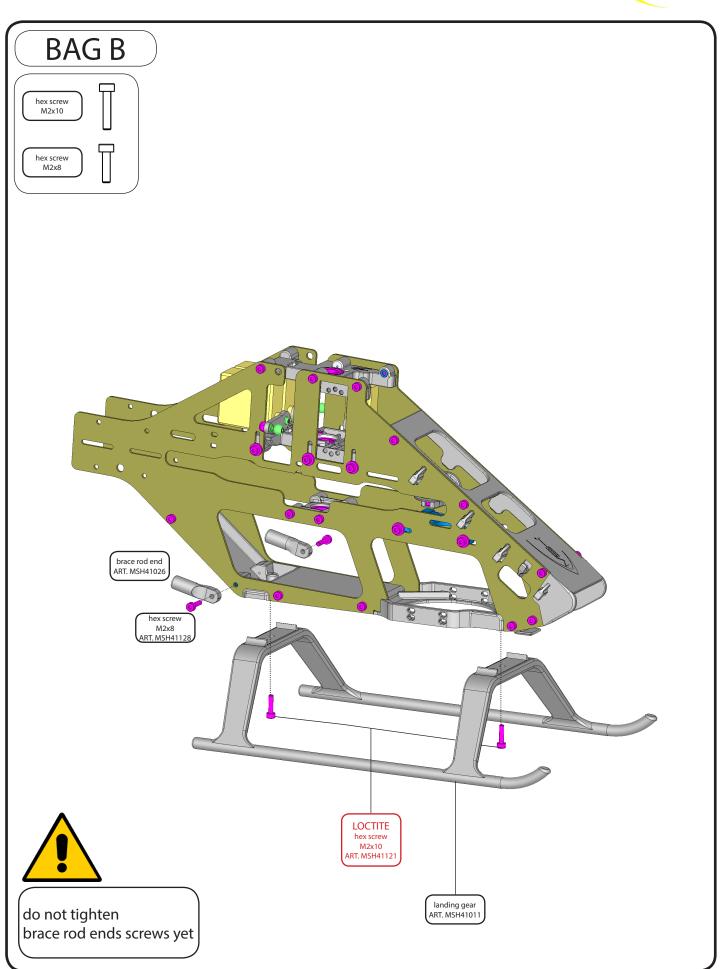




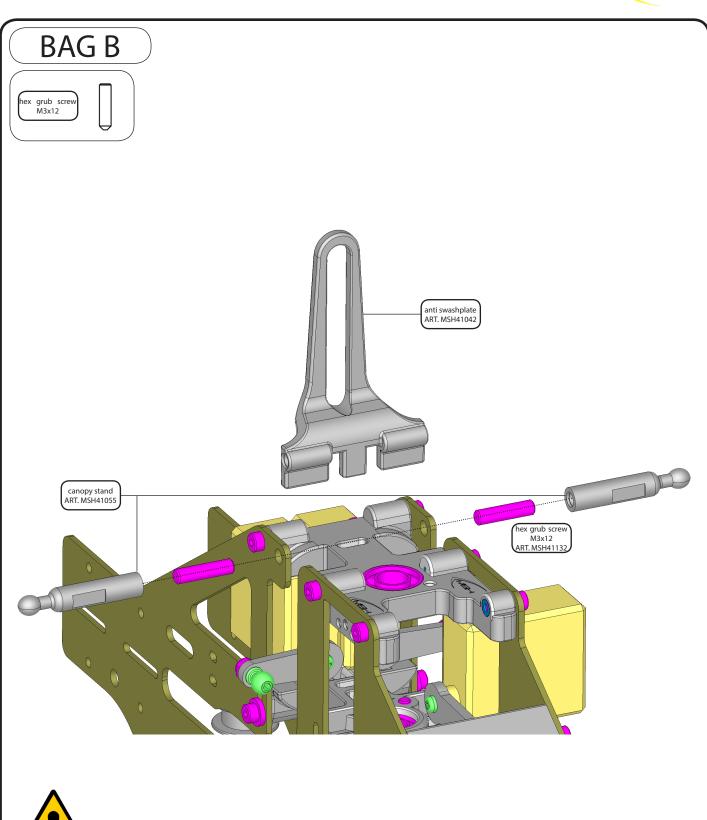








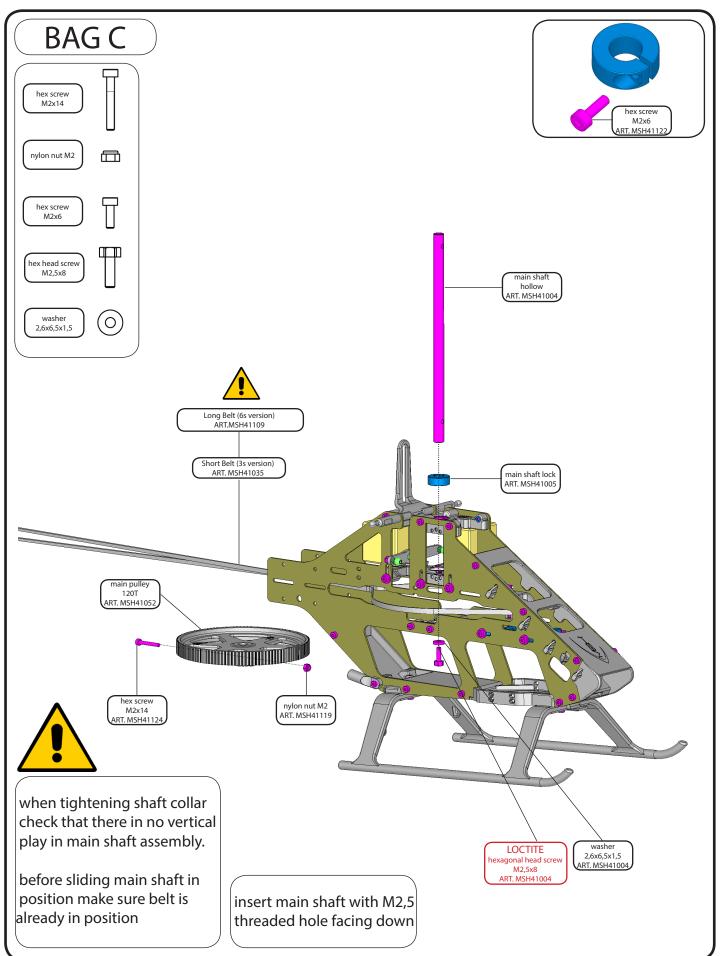




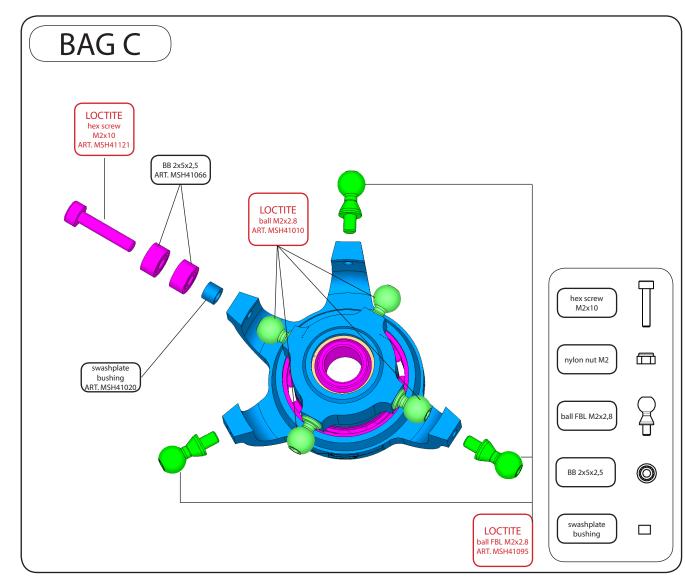


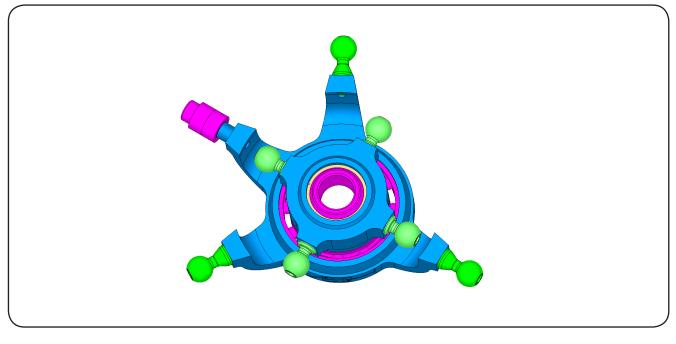
tighten antiswashplate spin with hex grubscrew M3x12 BEFORE mounting canopy stands



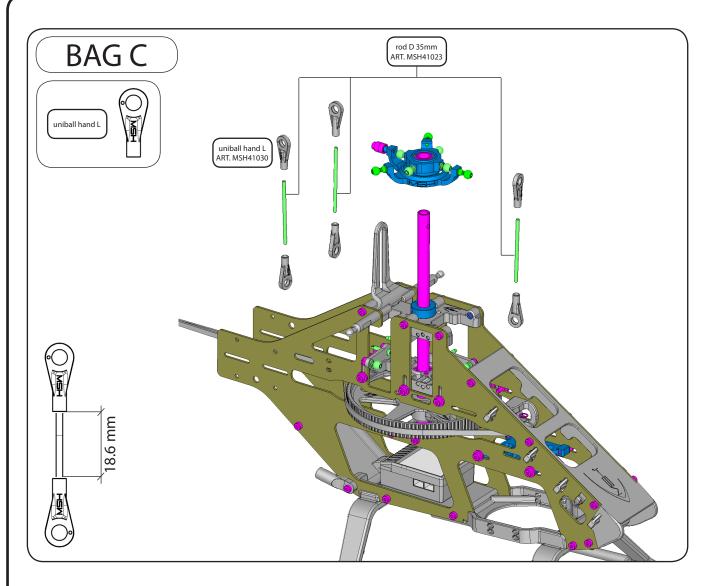


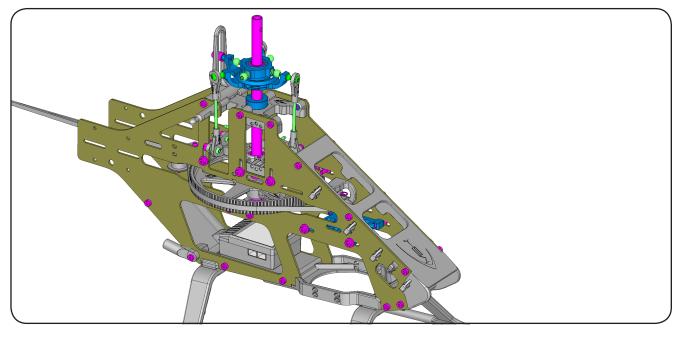




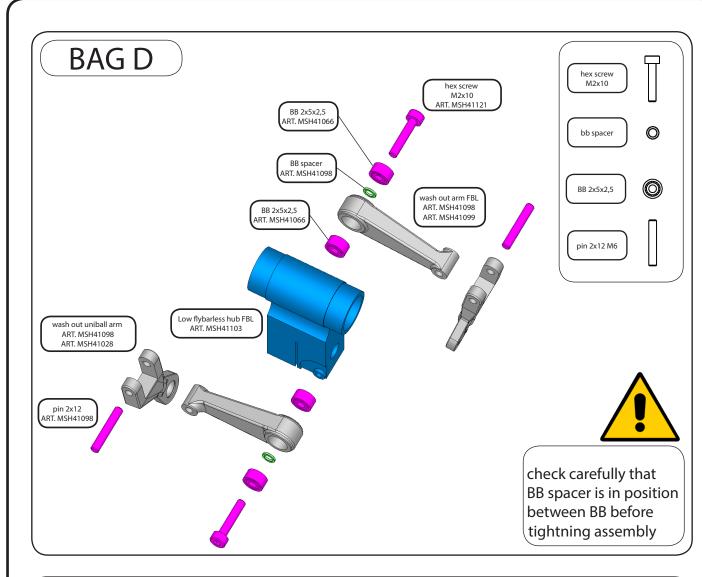


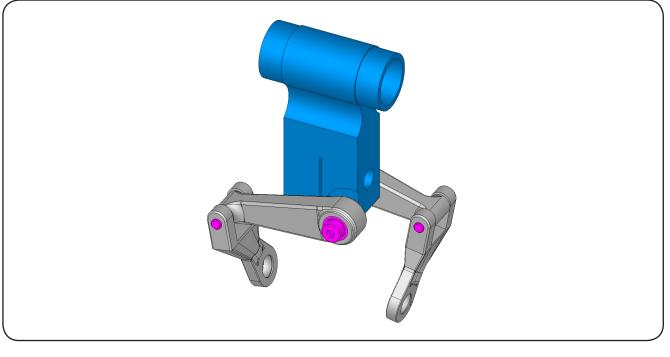




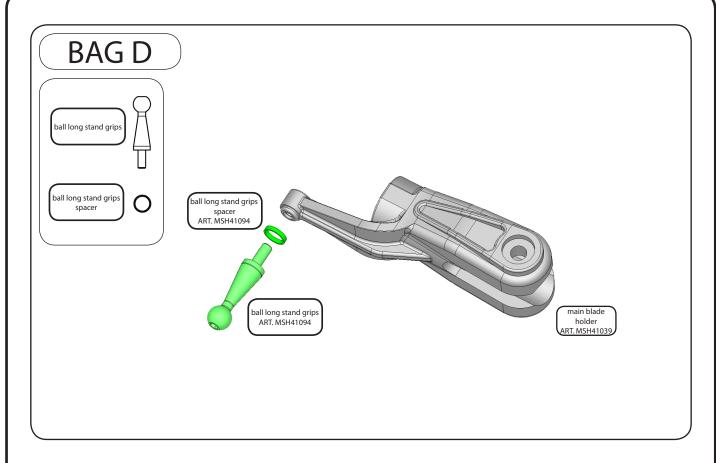


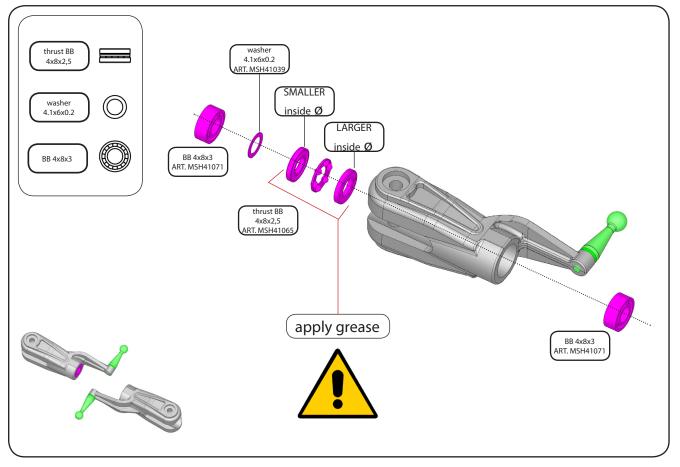




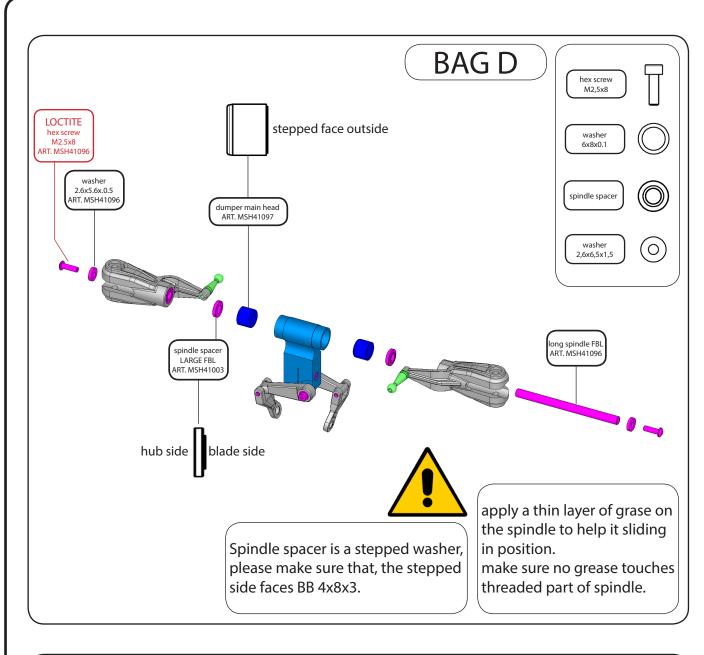


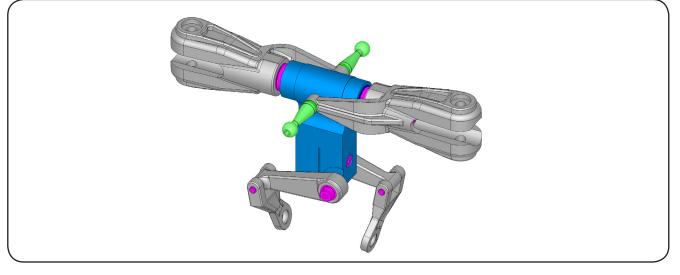




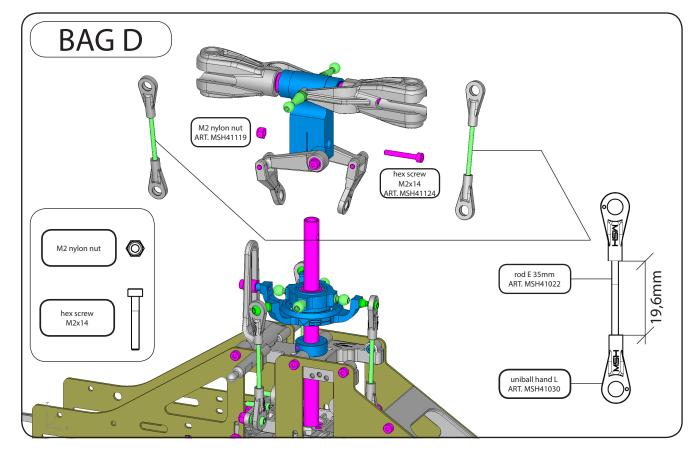


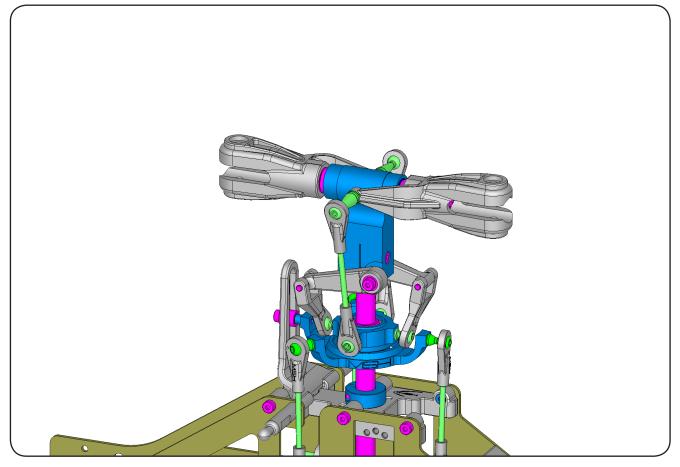




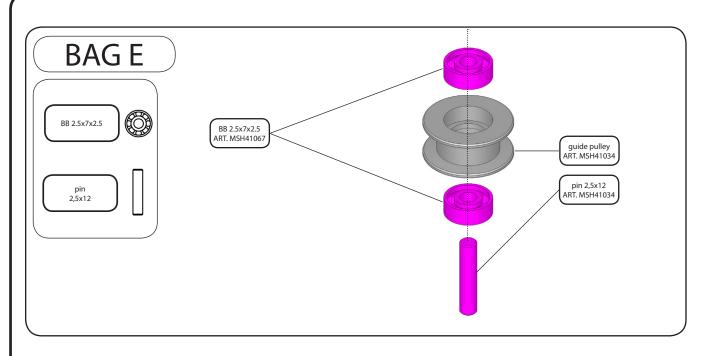


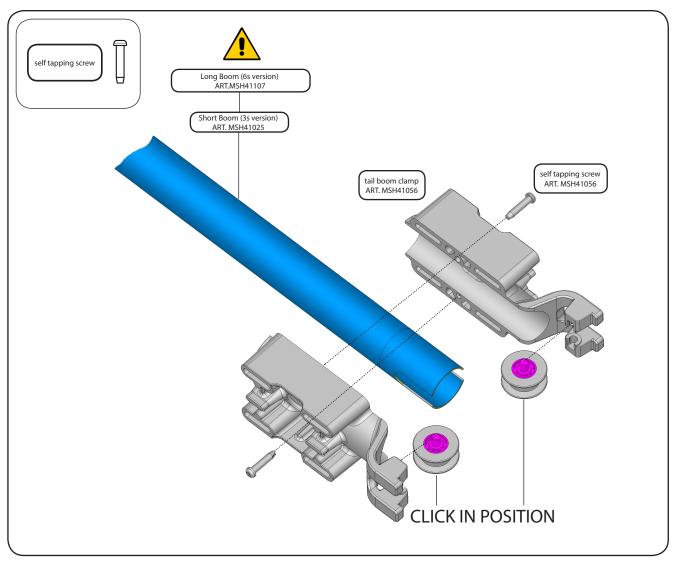




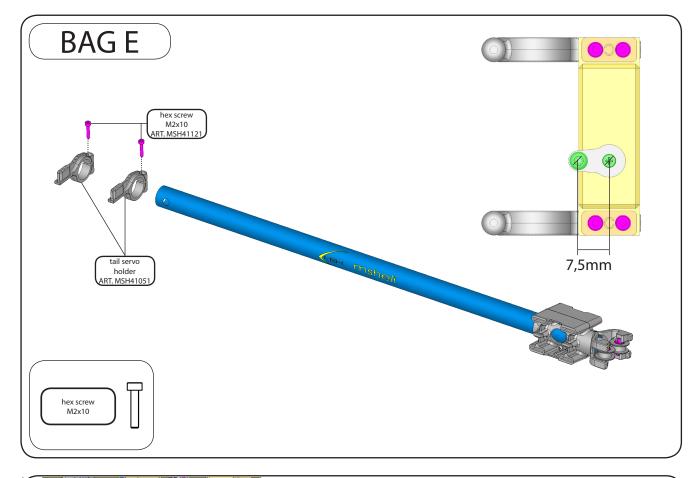


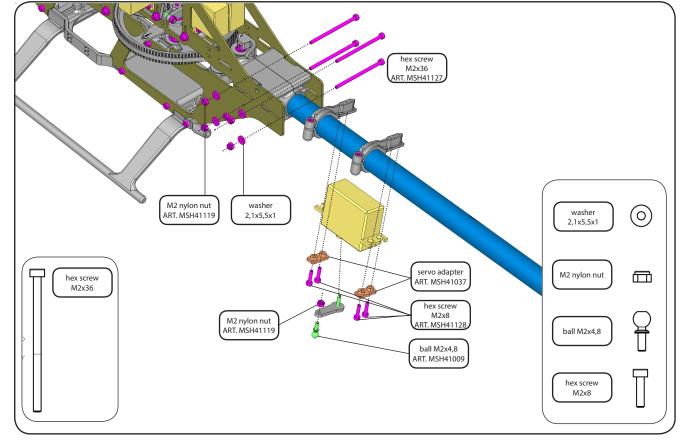




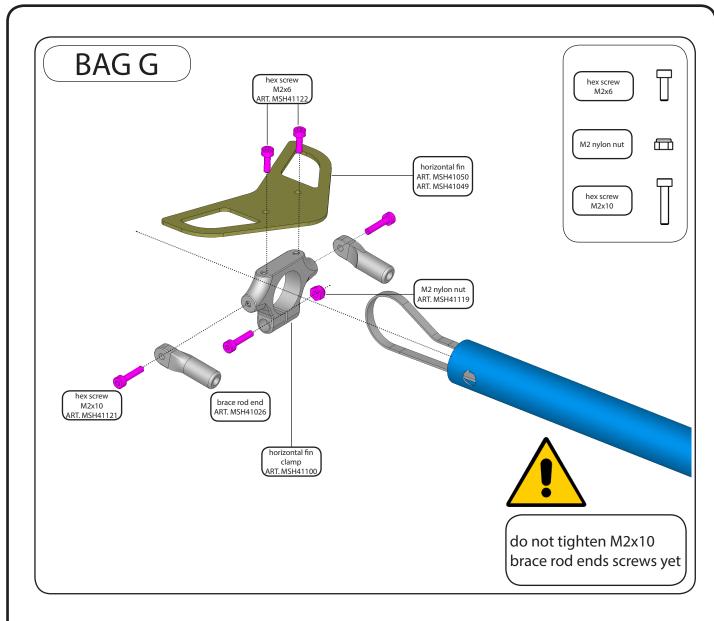


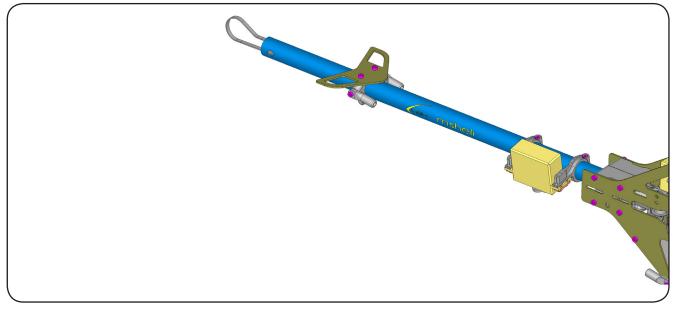




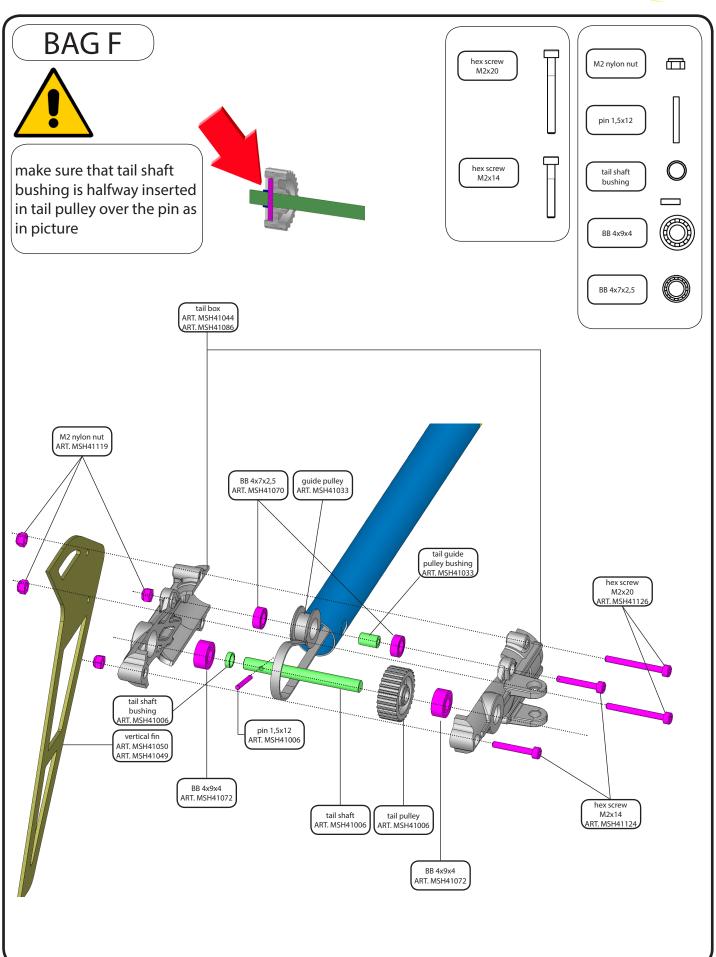




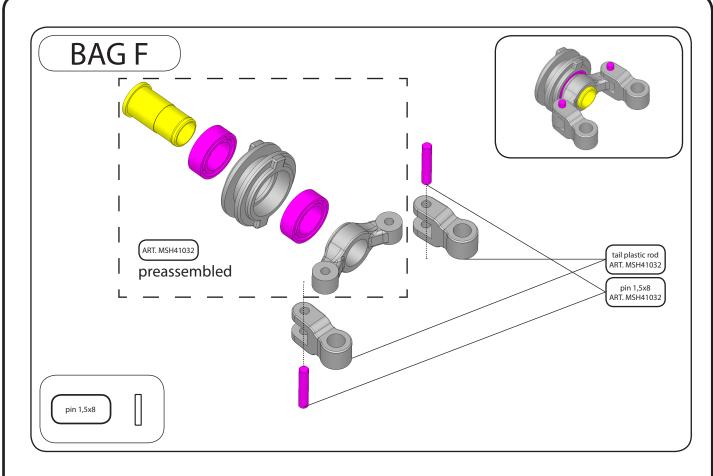


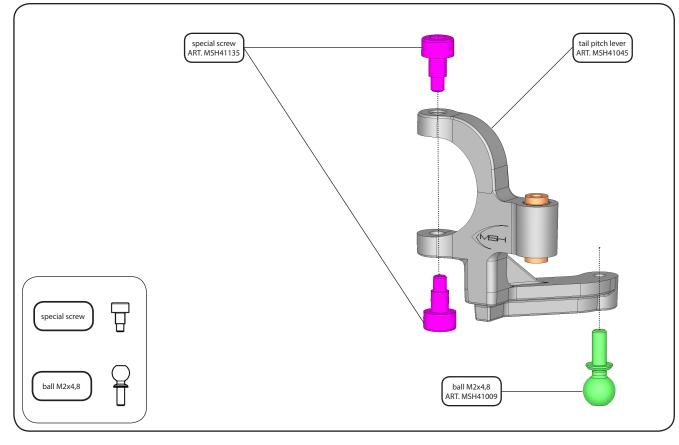




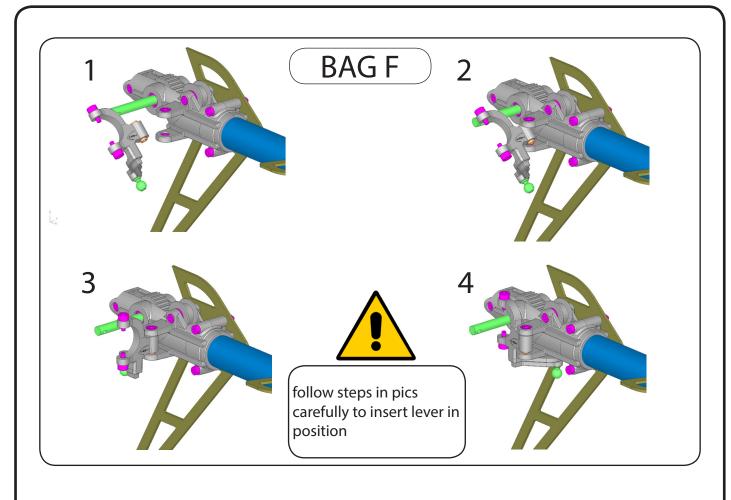


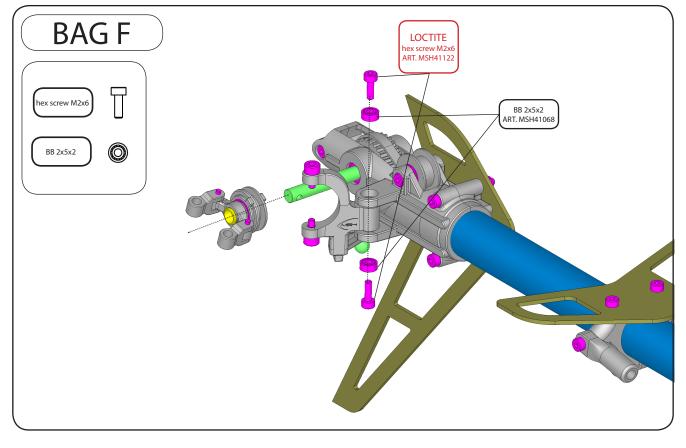










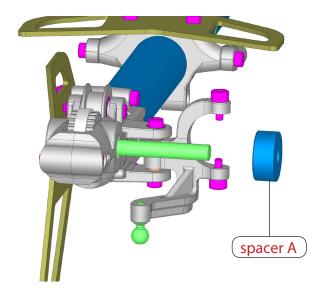


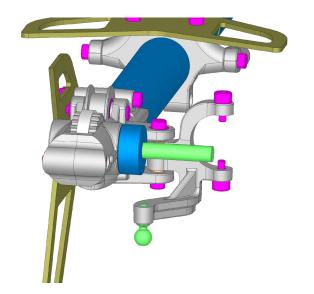


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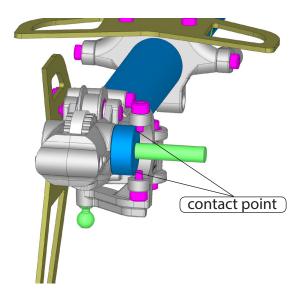


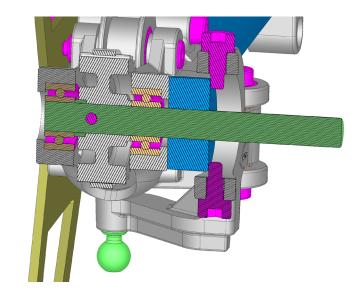
Insert spacer A on tail shaft and slide it to the left aganist the tail box. Turn the tail pitch lever untill tail pitch lever special screws touch the spacer A. Check that both screws touch the spacer at the same time.

If one screw touches before gently twist the lever untill they touch together.

Warming up lever makes job easier.

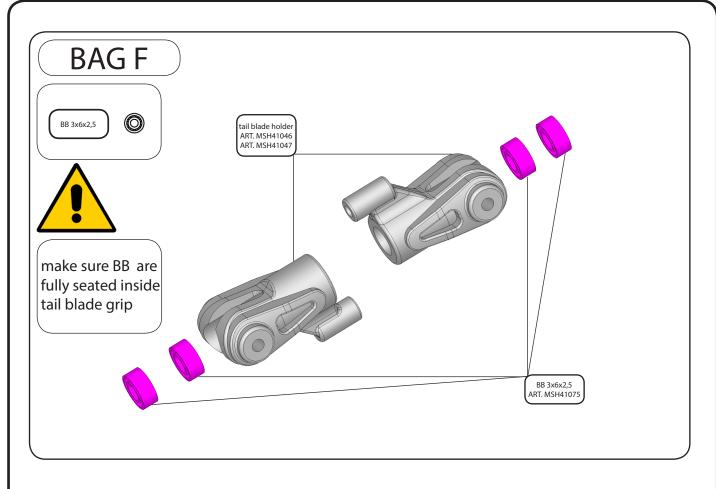
Remeber to remove spacer A after the job is completed.

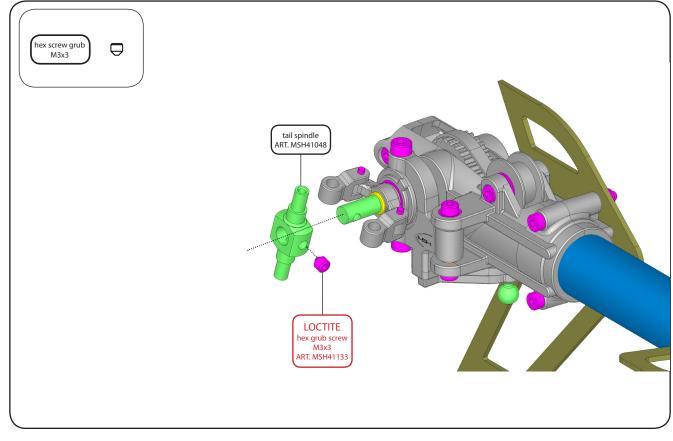




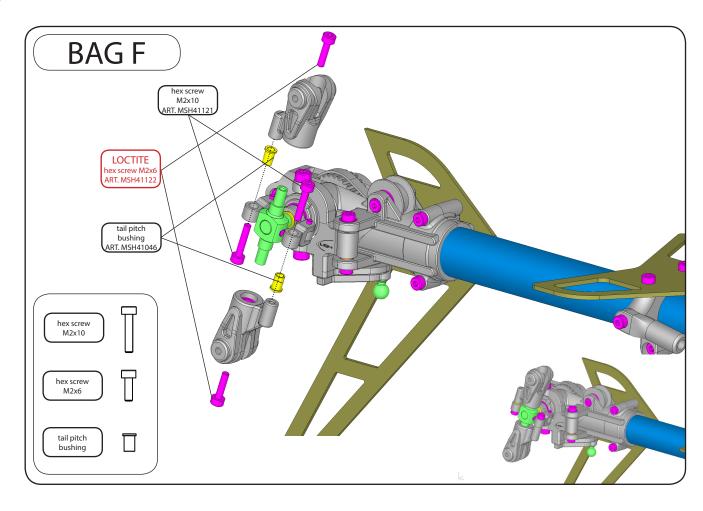
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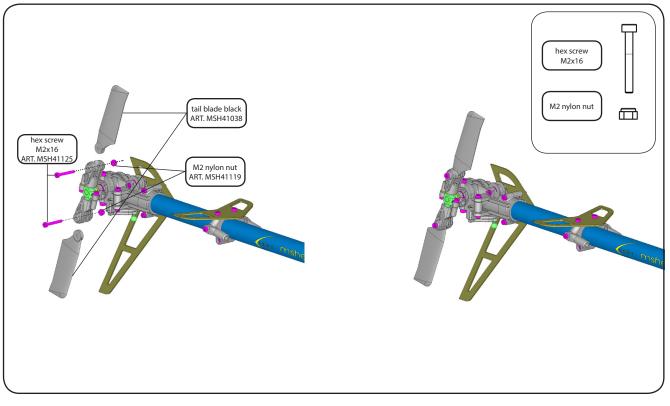




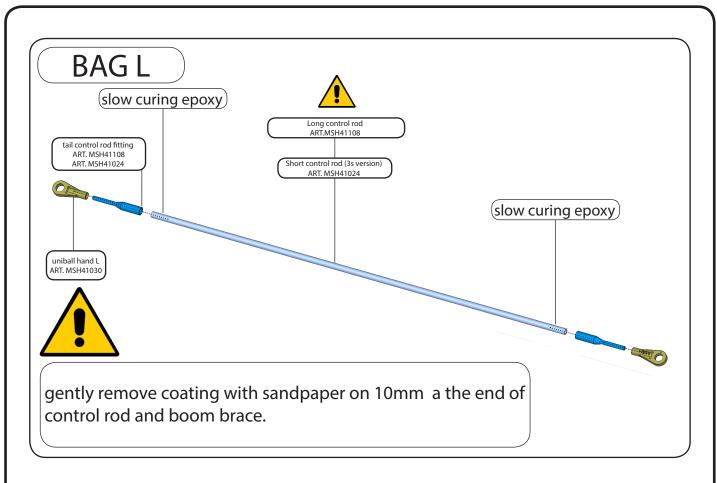


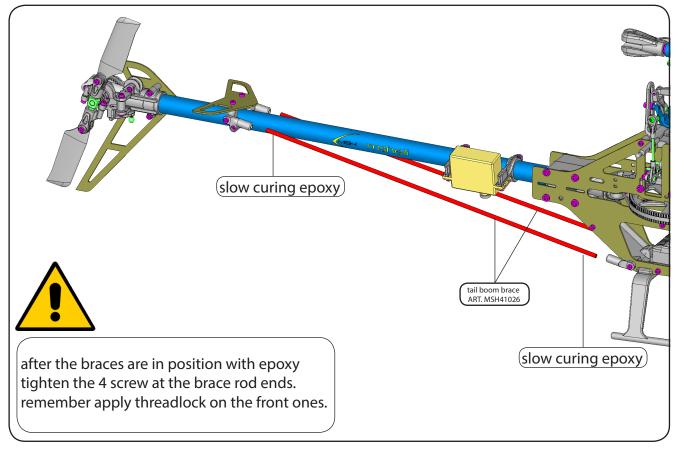




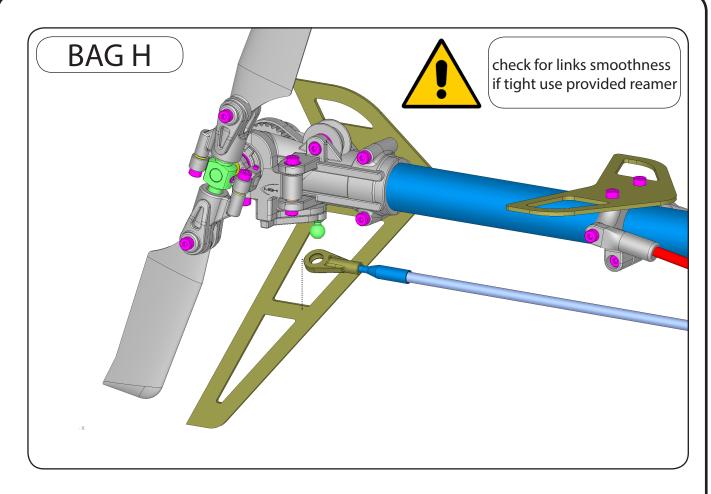


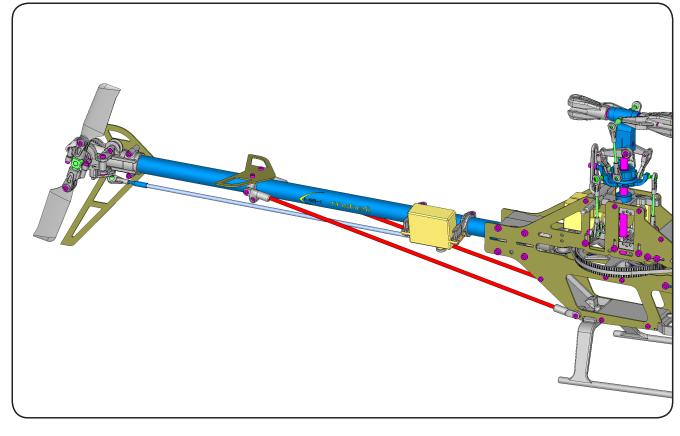




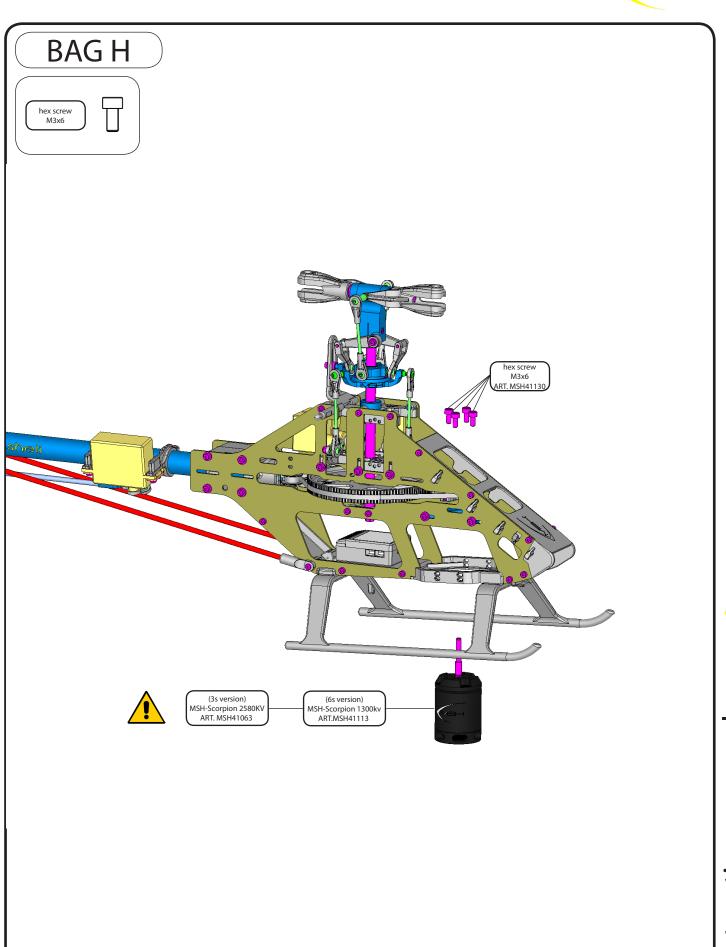




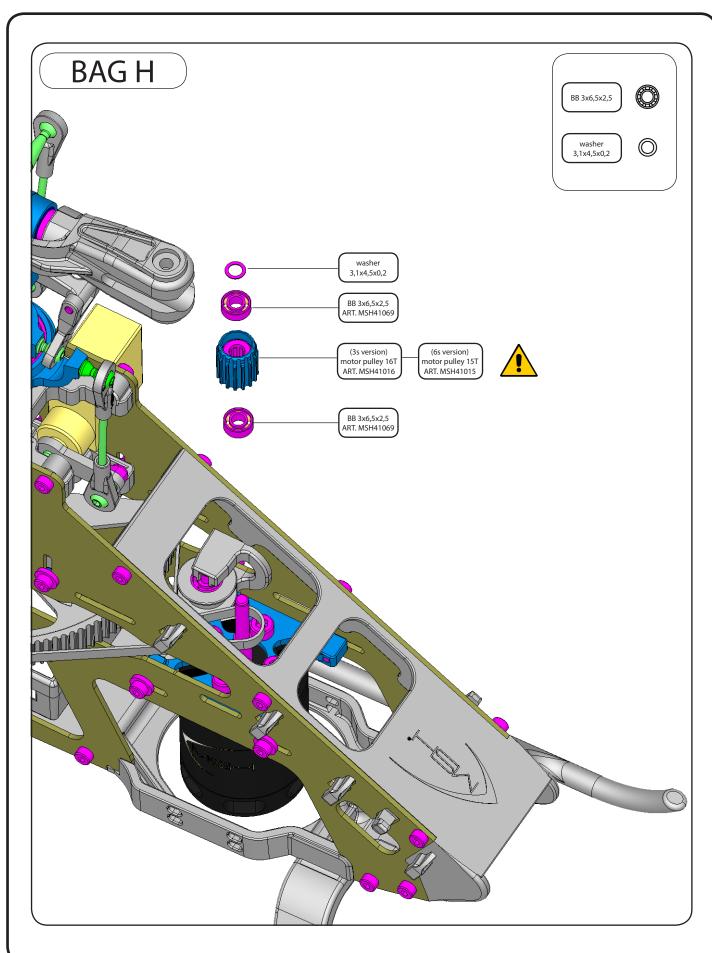




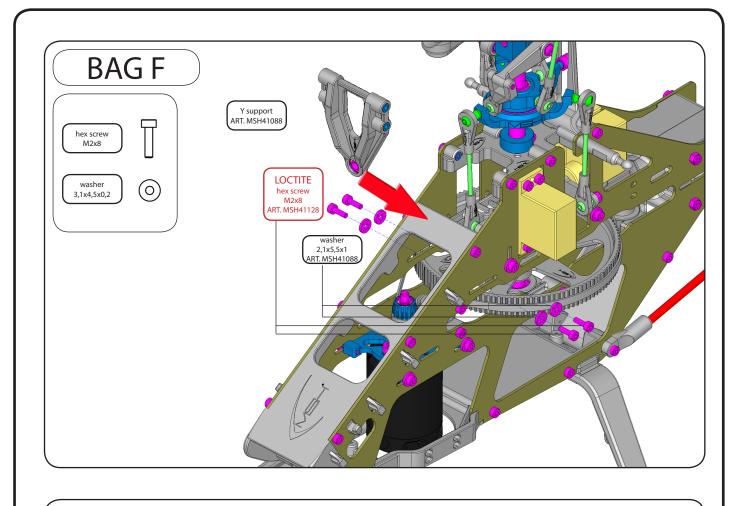


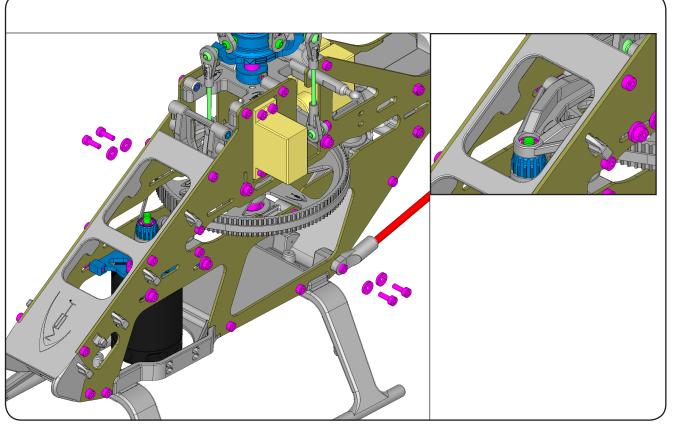




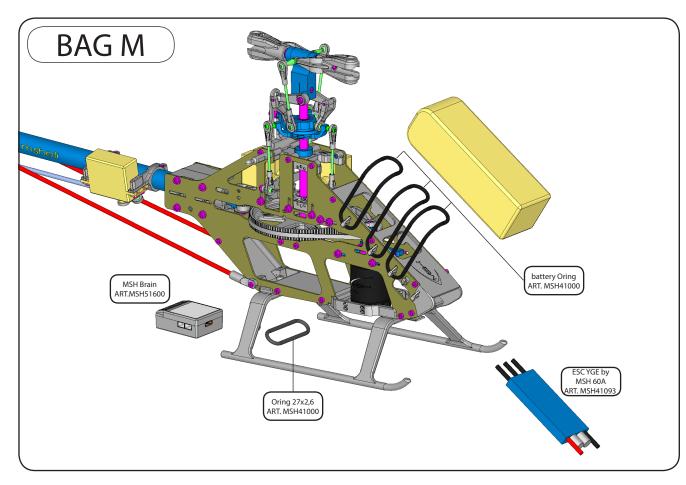


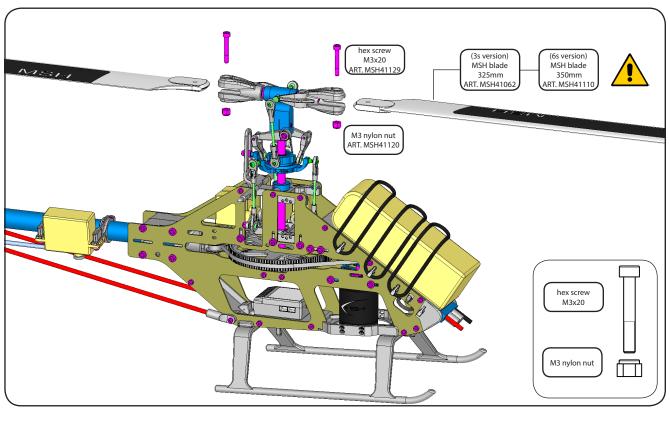




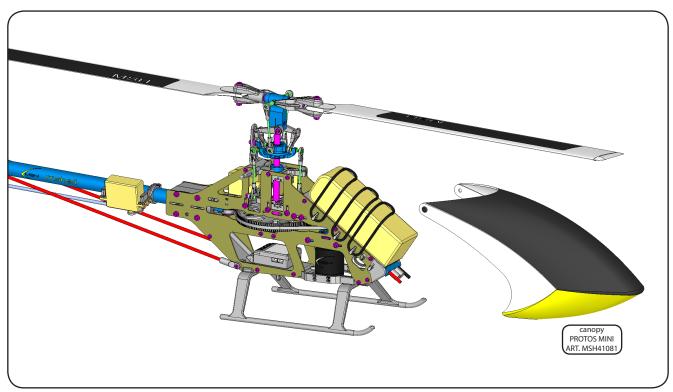




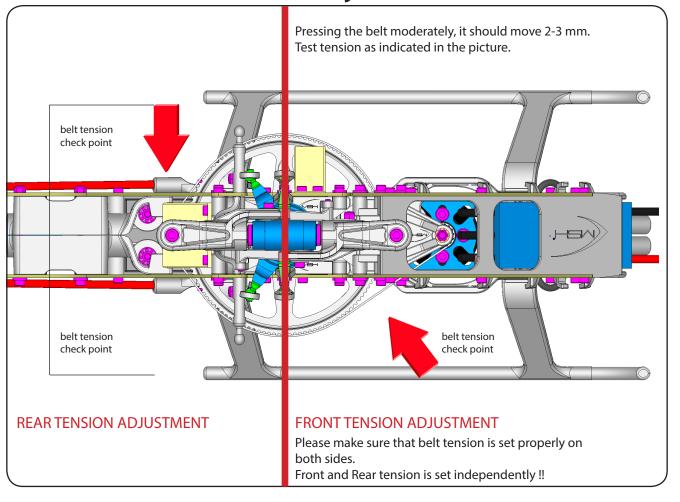








belt tension adjustment





MSHeli s.r.l. Uboldo ITALY

specification and design are subject to change without notice LOCTITE are a registred mark