

ALU-BEET

RUSH™

750

owners manual

Warranty & Safety

Radio Controlled Helicopters of this size are not Toys!

Please read before use.

Radio controlled helicopters use various high tech electronic technologies and products. Improper use of these products can result in serious injury, or even death. Please read this manual carefully before flying the Rush 750™. Make sure to be conscious of your own safety and the safety of others.

Neither ALeeS Inc nor its affiliated groups or sellers have any control over the assembly, maintenance, and use of this product. Therefore, no responsibility can be traced back to the manufacturer. By assembling and flying this product, you hereby agree to release ALeeS Inc., its Distributors, Dealers, and Affiliates from any responsibility or liability arising from the use of this product.

The user/purchaser is responsible for common knowledge and observance of one's own safety and the safety of others that may be affected by the use of the product be they a participant or spectator. This radio controlled helicopter is intended for use only by those with experience flying radio controlled helicopters at a legal flying field. After the sale of this product, we cannot maintain any control over its operation or usage. We recommend that you obtain assistance from an experienced pilot before attempting to fly our products and to help verify proper assembly, setup, and flight of your model for the first time. This ALeeS™ helicopter is a consumer item that requires a certain degree of skill to operate. Any damage or dissatisfaction as a result of accidents or modifications are not covered by any warranty and cannot be returned for repair or replacement.

Safety notes:

You can lose control over the helicopter at any given moment for a number of reasons, NEVER fly over or near other people.

Choose a legal flying field

- Verify air field to have ample space, flat, and smooth ground.
- Clear airfield from debris and obstacles.

Do not operate:

- If model has been in contact with rain, moisture, or contaminants.
- If model has been in contact with fire or high heat - plastics are very susceptible to damage or deformation due to heat.
- In crowded areas.
- Near homes, schools, or hospitals.
- Near roads, railways, or power lines.
- Near another radio controlled unit that uses same frequency.
- Do not allow children to operate.
- If tired, sick, or under the influence of drugs or alcohol.
- If beginner or individual(s) planning to operate a borrowed helicopter without being familiar with model or safety instructions.

Inspect All Parts:

- Before each flight, check for damaged parts and verify all parts operate normally with all functions in order.
- Adjust the positioning of movable parts and check that all nuts, bolts, screws are fastened correctly in accordance to this instruction manual.
- Verify all parts are installed correctly.
- Verify that there are no abnormalities that would adversely affect the flight of the helicopter.
- Verify all batteries on board helicopter and transmitter are to a sufficient level of charge.
- Exchange or repair damaged or worn parts using only parts shown in this instruction manual, or via the online catalog.
- Verify there is no introduction or exposure to water or moisture in any form.

During operation of helicopter:

- Maintain safe distances from aircraft and rotating main/tail rotor blades.
- Always be aware of your surroundings and be conscious of your actions.
- Never leave your model unattended.
- Maintain eye contact during all aspects of flight.
- Maximum main rotor speed of 2000 RPM's for 690-710mm rotor blades, and 1800 RPM's for 720mm+ rotor blades, or maximum specified speed by the rotor blade manufacturer. Failure to maintain these speeds could result in catastrophic failure of either the aircraft and/or rotor blades which could result in injury or even death!

Mechanical Features

Chassis and Drive System:

Main gear CNC Helical 112T modulus 1

104T Auto-Rotation Gear Modulus 1

24T Counter gear Modulus 1

24T Bevel Gears Modulus 1

Dual Ball Bearing supported one-way hub assembly with Sprag style Clutch Bearing.

Triple main shaft bearing support

Bridged center bearing block to motor mount for superior drive system rigidity.

Motor shaft End support bearing block.

Large open saddle style battery pockets for up to 7s packs with room to spare.

Ample space for modern electronics placement.

Protective flybarless gyro mounting compartment.

Easy servo install/removal design.

Zero pitch mechanical alignment pinning system.

Canopy pin break away system.

"A" arm swash phasing with bell crank control to preserve servo precision and reduce servo wear commonly found on direct linkage side loaded servos.

2mm Carbon Fiber frame parts

Tail System:

Ultra rigid aluminum tail boom

Ultra rigid torque tube shaft with quad ball bearing support

Split ring tail control rod guides for easy install/removal

Compact tail hub and gear box

Dual supported pitch mechanics

Anti-Twist tail case w/ safety locking pin screw.

Dual radial and thrust tail blade grips

Head System:

Robust triple radial bearing main blade grips

10mm Spindle shaft

1 piece flap Hard 3D dampers

Compact center hub

Patent Pending "New" Innovative combined Phasing/Pitch/Cyclic control levers with dual step bearing placement for increased operational precision and low servo loading

Heavy duty plastic ball links for today's high-power demands

Compact swash plate with maintenance friendly design

Stainless steel linkage balls for strength and improved wear resistance

Helicopter Assembled Specs:

Length: 1190mm (No Canopy)

Height: 418mm

Width: 203mm

Air Frame only with canopy weight: 2.1kg

Approximate Ready to fly weight: 5.08kg (11.2Lbs)

Main Rotor Diameter w/ 710mm blades : 1608mm

Tail Rotor w/115mm blades: 296mm

Torque Tube drive gear ratio: 4.33:1

Tools And Equipment Needed

Electronics and Drive System:

- (2) 6s1p 5000mAh 35c Plus Lipo Batteries with connectors
- (1) 2s1p 2500mAh RX battery or BEC
- (3) Metal gear servos 100 in-oz. (7.2 kg-cm) Minimum
- (1) Tail servo (metal gear preferred)
- (1) 10 inch (25 cm) servo lead extension (For tail servo)
- (1) 6 inch (15cm) servo lead extension (For elevator servo)
- (1) 100 amp High voltage ESC
- (1) Flybarless gyro system
- (1) Brushless motor equal to 4035 - 450 or 500kv
- (1) Minimum 6 channel Transmitter (Modern)
- (1) Lipo battery charger
- (1 set) Carbon Fiber Main rotor blades 690-710mm
- (1set) Tail rotor blades 105-115mm

Materials:

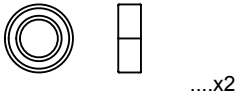
- Blue thread lock compound (medium)
- Red thread lock compound (strong)
- CA Glue (medium gap filing) or Epoxy
- Sand paper (fine or medium grit 220- 400)
- Bearing grease
- light weight oil
- Adhesive back hook and loop tape
- Hook and loop strap
- (1) Tensioning style hook and loop strap
- Double sided foam tape
- 4 inch (100mm) wire ties
- Assorted sizes of heat shrink tubing

Tools:

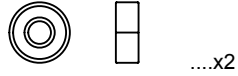
- 1.5mm Hex driver
- 2mm Hex driver
- 2.5mm Hex driver
- (2) 3mm Hex drivers
- (2) 5mm Hex "L" wrenches (provided)
- 4mm Hex "L" wrench (provided)
- 4mm wrench or nut driver
- Large and small point philips head screw driver
- Ball link pliers
- Long nose pliers
- Wire cutter
- Metric ruler
- Calipers
- Soldering Iron 50 watt minimum
- Heat gun
- Work cloth (hand towel)
- Ball link threading tools

Assembly 1 Flybarless Head

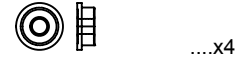
Ball Bearing 5 x 9 x 3mm



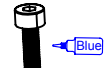
Ball Bearing 3 x 8 x 3mm



Ball Bearing Flanged 2 x 5 x 2.3mm



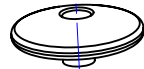
Cap Screw
M3 x 10mm
(Part # CS3X10)



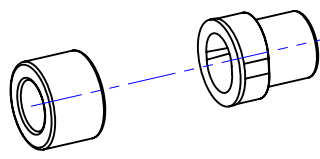
Flap Dampers

(Part # 100-0007) Hard (Gray)(High Head Speeds)
(Part # 100-0008) Medium (White)(Recommended) ...x2 Each

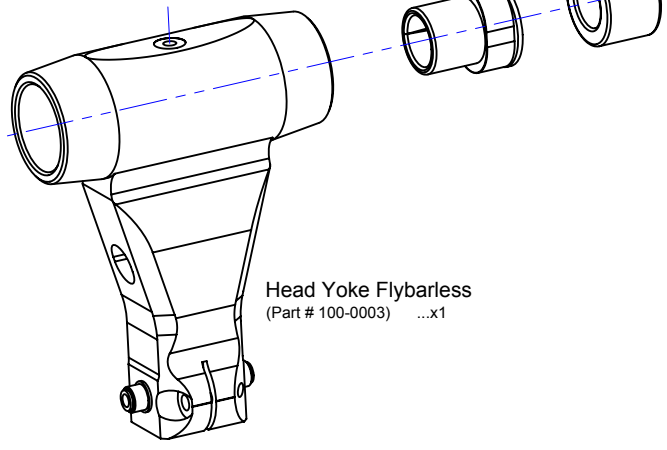
Head Button
(Part # 100-0002) ...x1



Flap Insert
(Part # 100-0006) ...x2



Head Yoke Flybarless
(Part # 100-0003) ...x1



Patent Pending
Flybarless Head
Design

Bearing
5 x 9 x 3mm
(Part # BMR95ZZ)

Bearing Flanged
2 x 5 x 2.3mm
(Part # BF682ZZ)

Nut, Locking M2
(Part # LMN2)

Cap Screw
M2 x 14mm
(Part # CS2X14)

Cap Screw
M3 x 8mm
(Part # CS3X8)

Ball Bearing
3 x 8 x 3mm
(Part # BMR83ZZ)

Lever FBL
(Part # 100-0011) ...x2

! Install first before
adding levers

Cap Screw
M3 x 10mm
(Part # CS3X10)

Linkage Ball Long M3
(Part # 100-0010)

Radius Arm
(Part # 100-0012) ...x2

! Install first before
adding levers

Cap Screw
M3 x 10mm
(Part # CS3X10)

Cap Screw
M3 x 8mm
(Part # CS3X8)



! ...x2

Linkage Ball Long M3



Nut, Locking M2



Cap Screw M2 x 14mm



Cap Screw
M3 x 8mm



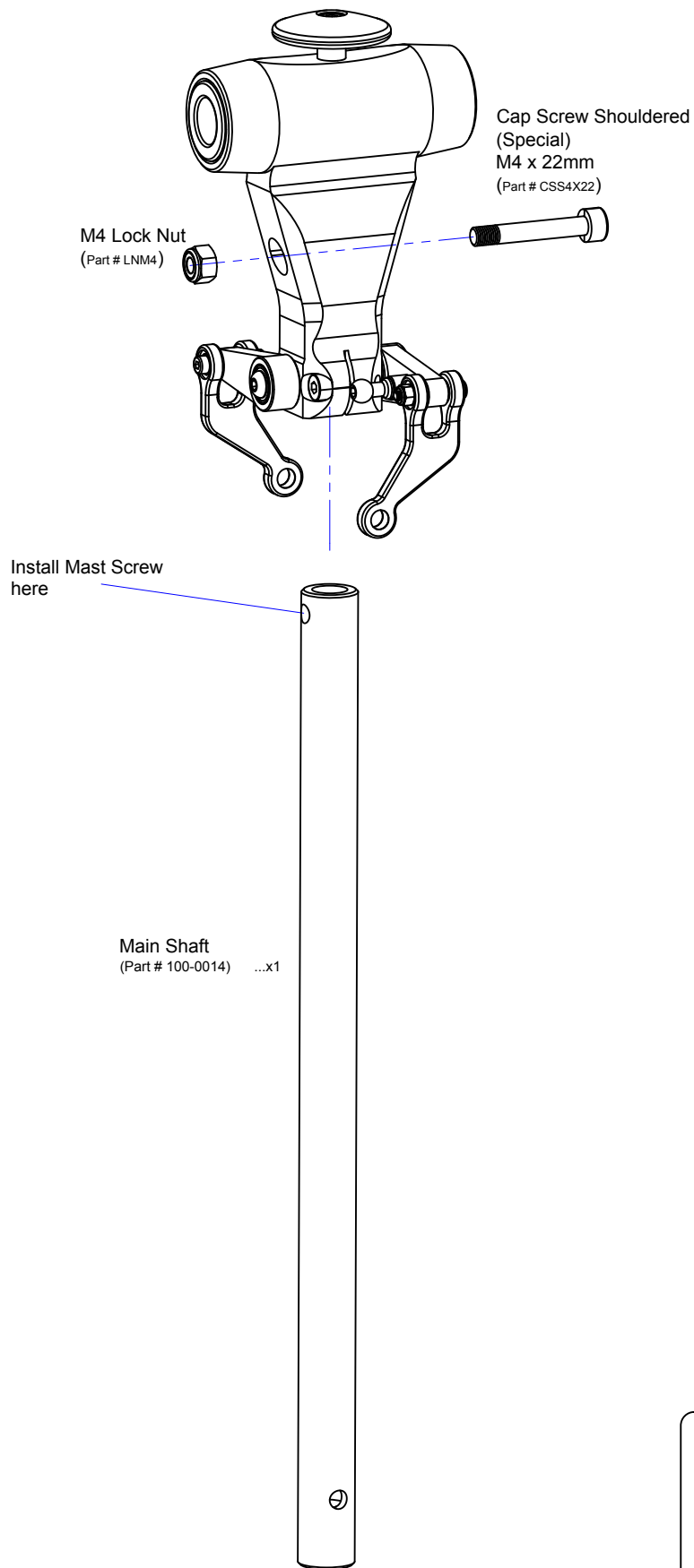
Cap Screw M3 x 10mm



Use thread lock compound on all
screws noted by Color:
Blue = Medium - Red = Strong



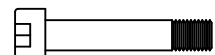
Assembly 1 Flybarless Head (Continued)



Use thread lock compound on all
screws noted by Color:
Blue = Medium - Red = Strong



Cap Screw Shouldered M4 x 22mm



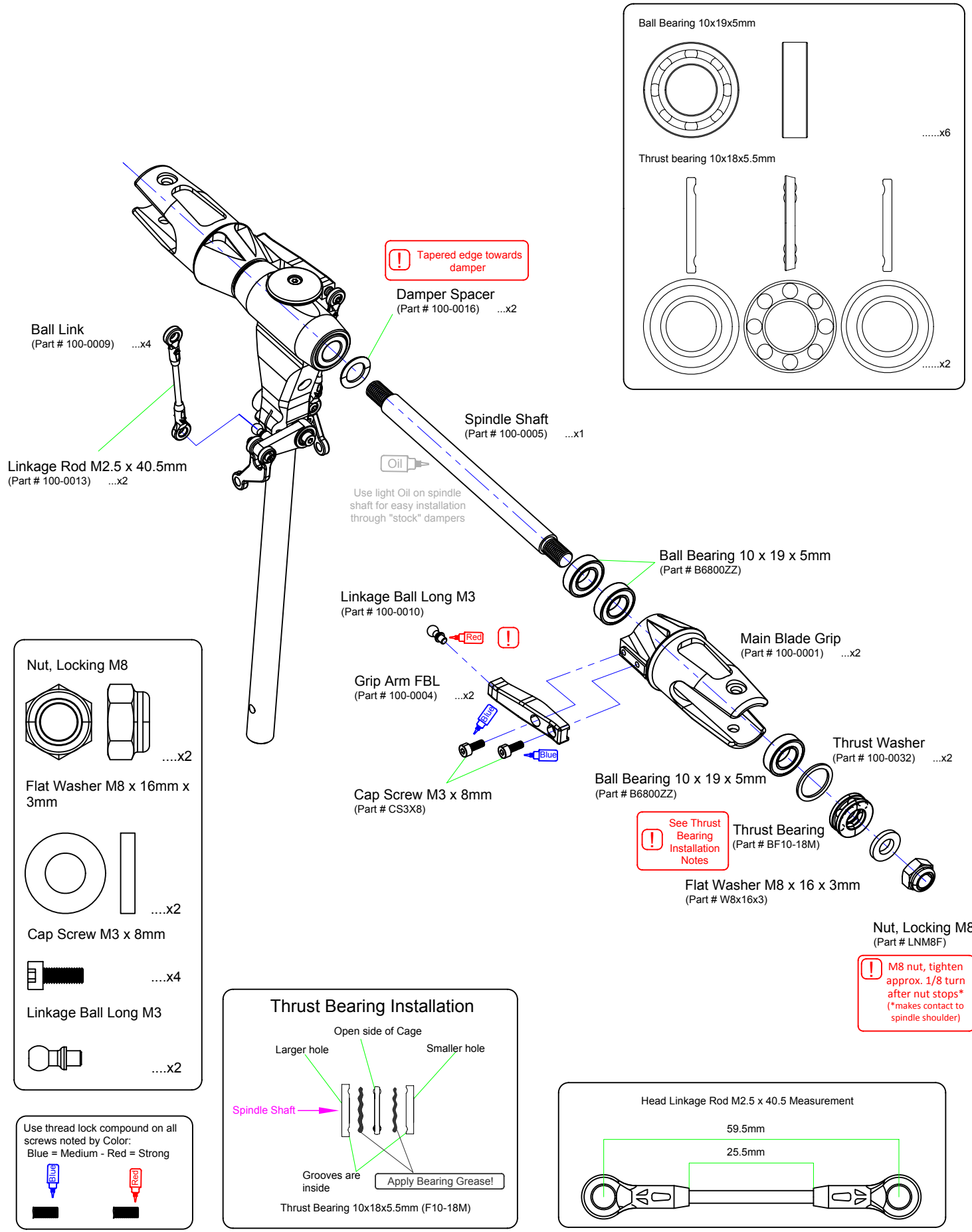
...x1

Lock Nut M4



...x1

Assembly 2 Flybarless Head



Assembly 2 Flybarless Head (Continued) Swash Plate

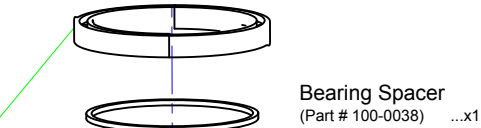
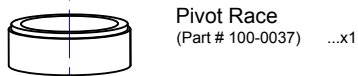
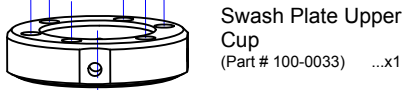
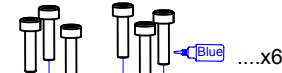
Cap Screw M2 x 8mm



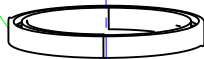
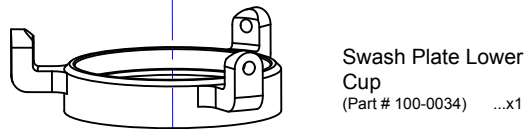
Linkage Ball Long M3



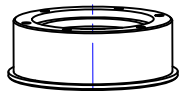
Cap Screw M2 x 8mm
(Part # CS2X8)



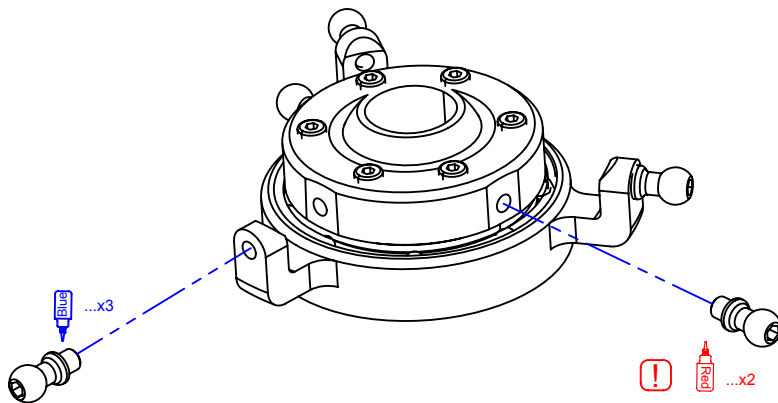
Ball Bearing
(Part # B6706ZZ) ...x2



Pivot Stand
(Part # 100-0035) ...x1



! Note screw pattern in swash plate requires special alignment in order to be assembled



Linkage Ball
Totalx5
x3 -- Lower
x2 -- Upper

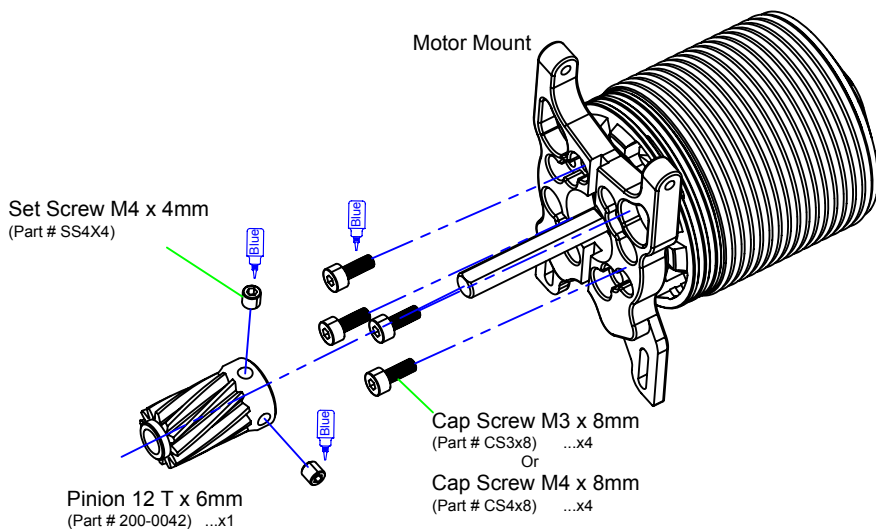
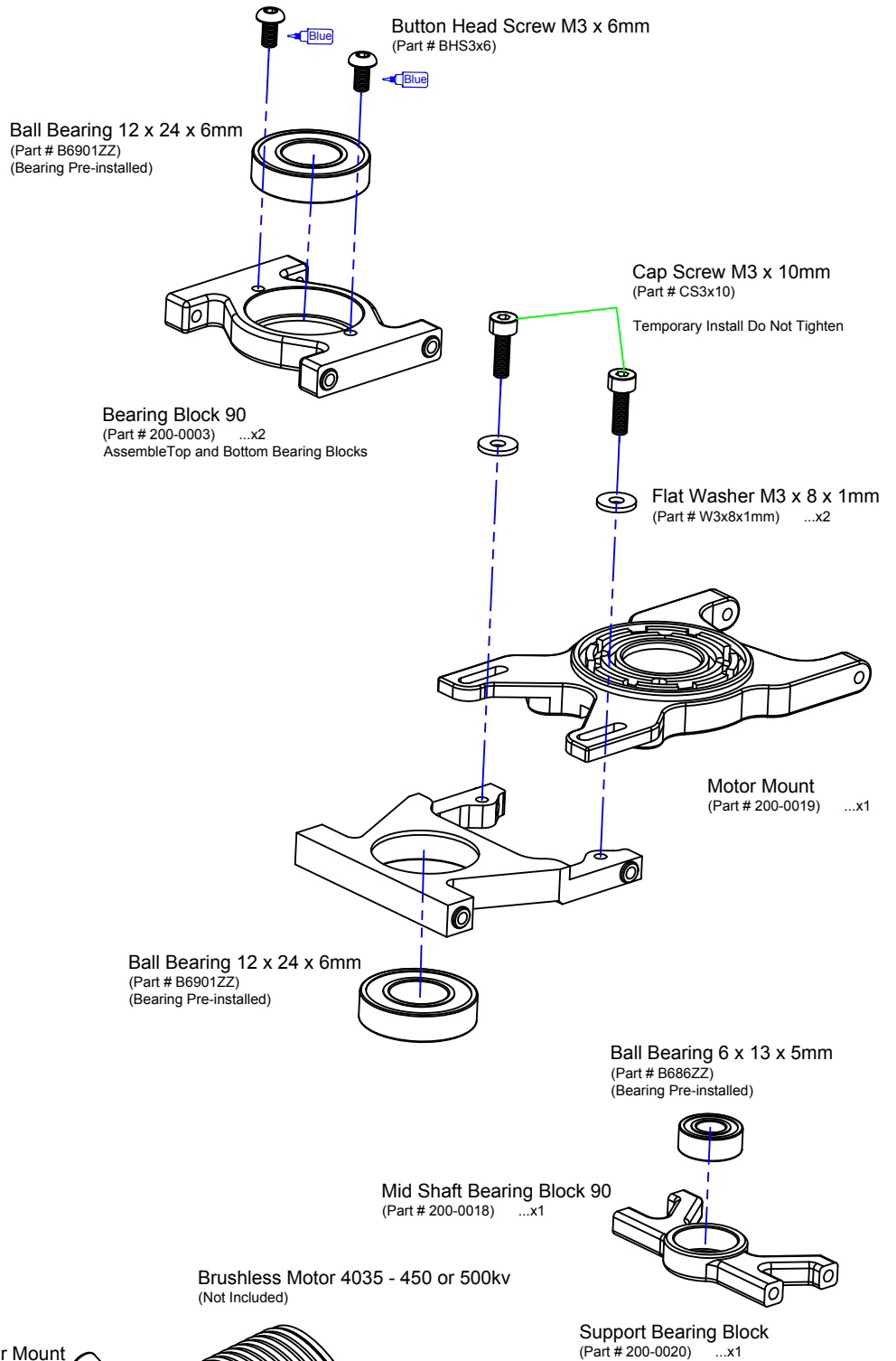
Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong



Assembly 3

Frame Systems

	.....x2
	.....x1
	.....x2
	.....x4
	.....x4
	.....x4
	.....x2
	.....x2



Use thread lock compound on all screws noted by Color:
 Blue = Medium - Red = Strong

Assembly 3, 4, 5 Frame Systems (Continued)

Bearing Block 90
(ASSY # 500-0003)

Shaft Support
(Assy # 500-0017)

Mid-Shaft Bearing Block
(Assy # 500-0015)

Motor Mount
(Assy # 500-0016)

See Note

Bearing Block 90
(ASSY # 500-0003)

CF Side Frame Right (R)
(Part # 200-0030) ...x1

Support Doubler
(Part # 200-0051) ...x1

Doubler Motor Mount (R)
(Part # 200-0049) ...x1

Flat Washer
M3 x 7 x 0.8mm
(Part # W3X7X08)

Cap Screw M3 x 10mm
(Part # CS3X10)

Cap Screw M3 x 8mm
(Part # CS3X8)

Canopy Pin Top (long)
(Part # 200-0027) ...x1

Button Head Cap Screw
M3 x 6mm
(Part # BHS3X6)

CF Break Away Tab
(Part # 200-0048) ...x1

Use CA or Epoxy glue to secure bearing to frame panel (Note: Flange installed from inside of each frame panel right and left panels are different verify proper panel before applying glue)

Ball Bearing Flanged 5 x 10 x 4mm
(Assy # BMF105ZZ)

Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong

Cap Screw M3 x 6mm	.....x1
Cap Screw M3 x 8mm	.....x8
Cap Screw M3 x 10mm	.....x1
Center Washer	.....x5
Flat Washer M3 x 7 x 0.8mm	.....x1

Center Washer
(Part # 200-0023)

Cap Screw M3 x 8mm
(Part # CS3X8)

Button Head Cap Screw
M3 x 6mm
(Part # BHS3X6)

Cap Screw M3 x 8mm
(Part # CS3X8)

Canopy Pin Top (long)
(Part # 200-0027) ...x1

CF Break Away Tab
(Part # 200-0048) ...x1

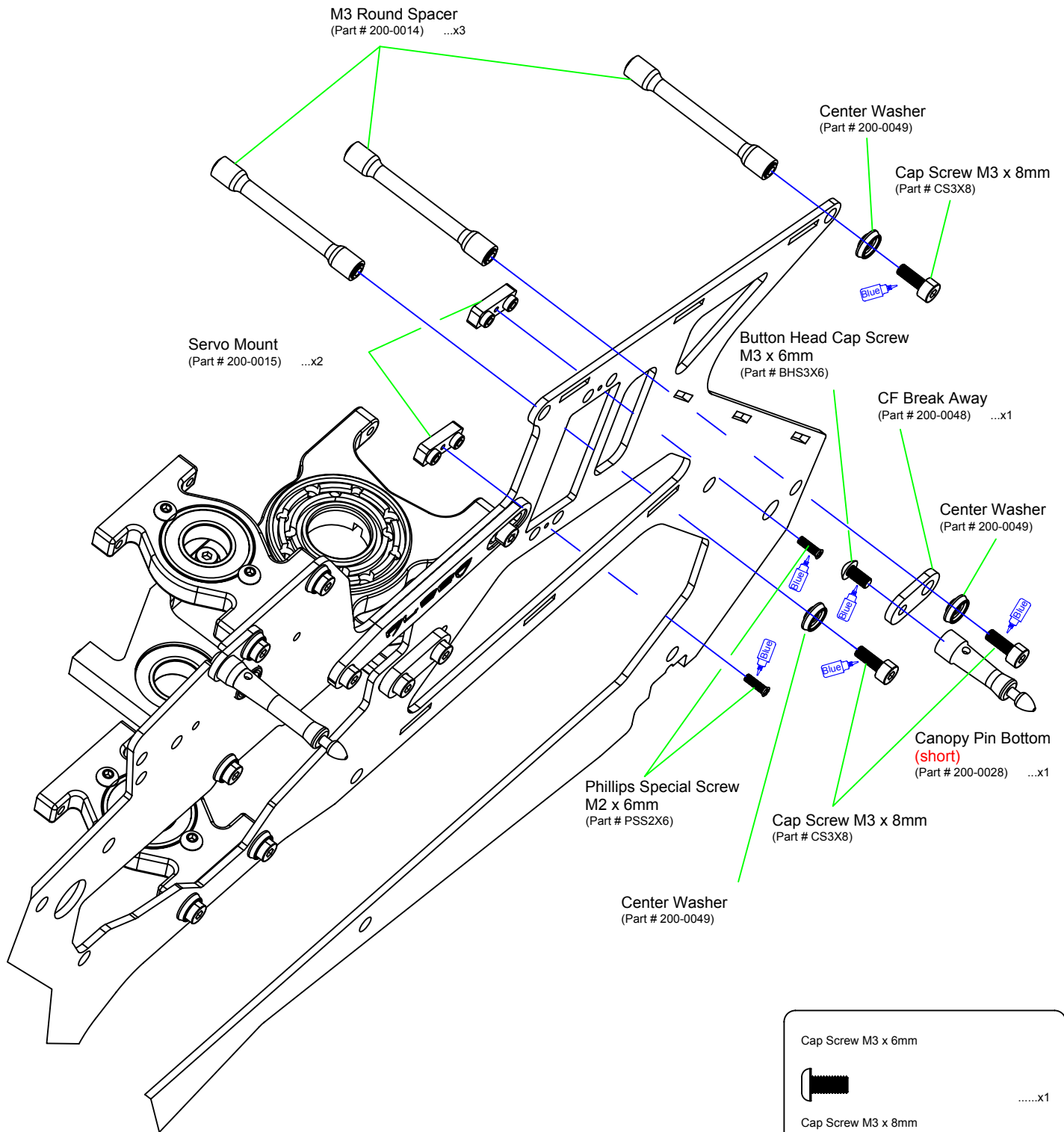
Ball Bearing Flanged 5 x 10 x 4mm

.....x1

Assembly 3, 4, 5

Frame Systems

(Continued)



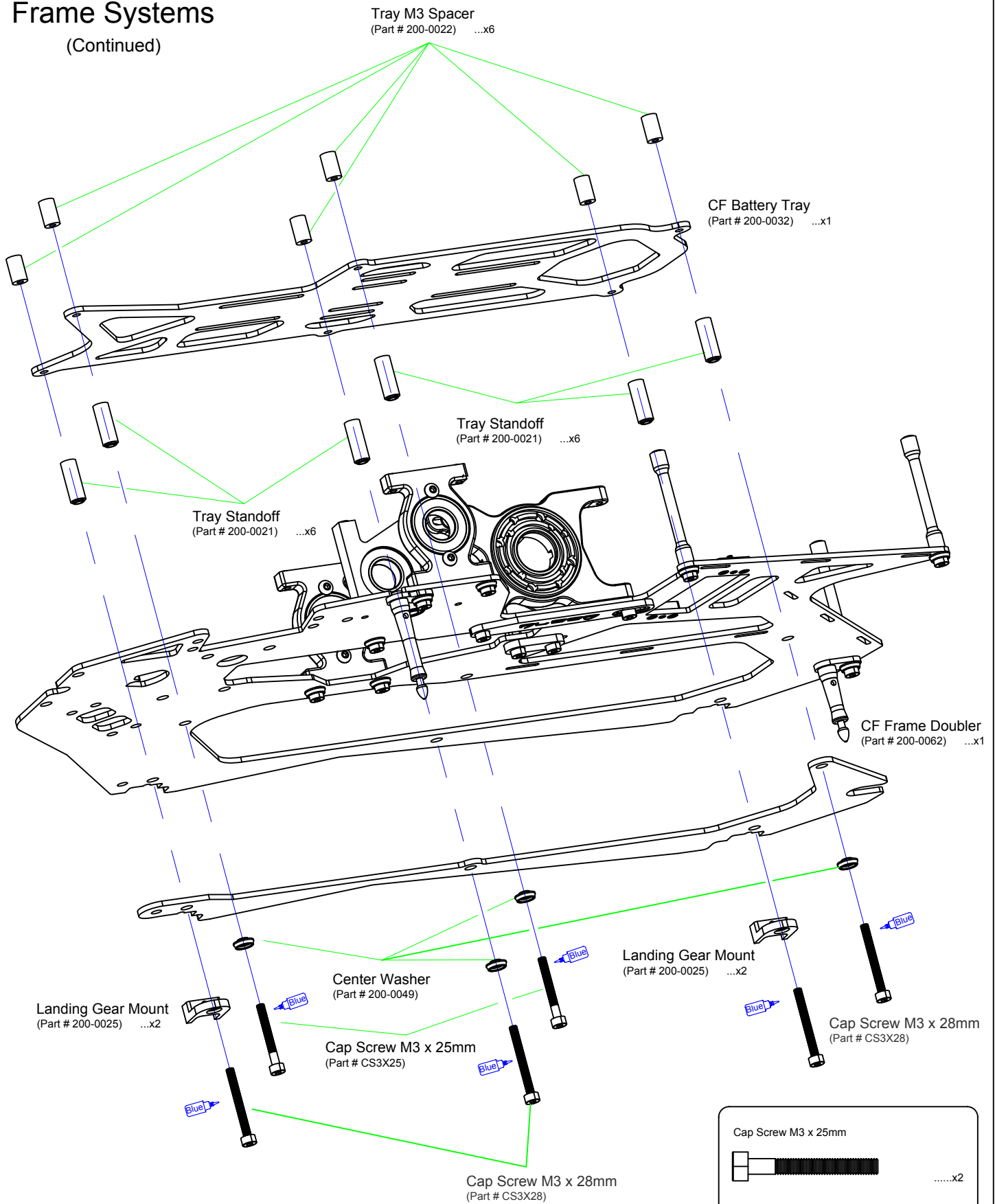
Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong

Cap Screw M3 x 6mm	.....x1
Cap Screw M3 x 8mm	.....x3
Center Washer	.....x3
Special Phillips Screw	.....x2

Assembly 4, 5

Frame Systems

(Continued)

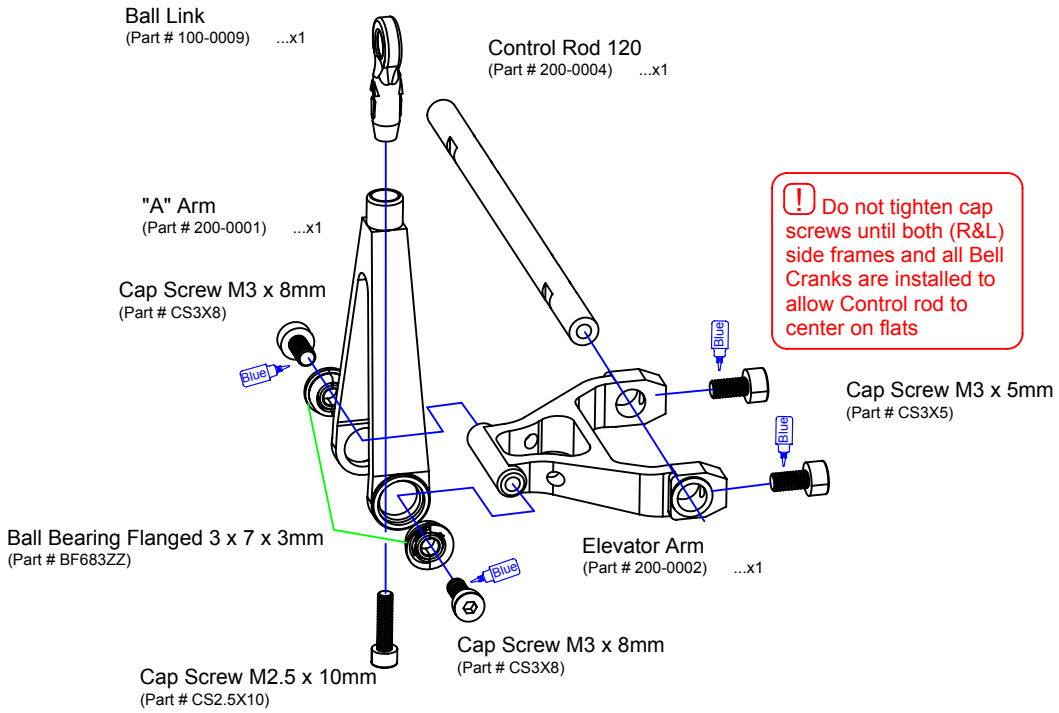


Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong

Cap Screw M3 x 25mm		.....x2
Cap Screw M3 x 28mm		.....x4
Center Washer		.....x6

Assembly 5, 9

"A" Arm & Bell Cranks



! Do not tighten cap screws until both (R&L) side frames and all Bell Cranks are installed to allow Control rod to center on flats

Cap Screw M3 x 5mm	.....x2
Cap Screw M3 x 8mm	.....x2
Cap Screw M2.5 x 10mm	.....x1
Linkage Ball Short M3	.....x8
Linkage Ball Long M3	.....x2
Linkage Ball Long M3	.....x4

Linkage Ball Short M3 (Part # 200-0067)

Ball Bearing 5 x 8 x 2.5mm (Part # BMR85ZZ)

Bell Crank Left (Part # 200-0006) ...x1

Bell Crank Elevator (Part # 200-0008) ...x1

Ball Bearing 5 x 8 x 2.5mm (Part # BMR85ZZ)

Linkage Ball Short M3 (Part # 200-0067)

Bell Crank Right (Part # 200-0009) ...x1

Linkage Ball Short M3 (Part # 200-0067)

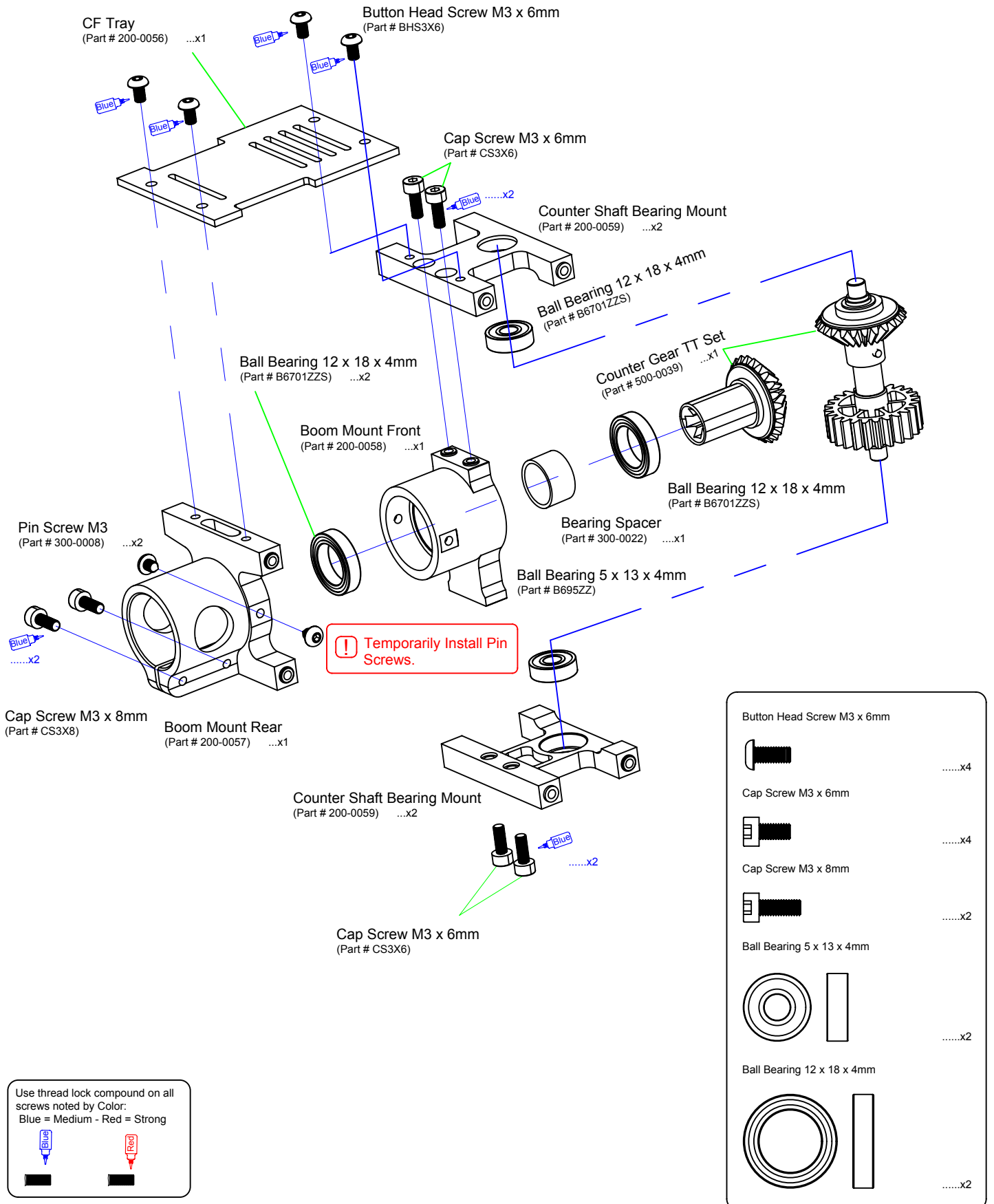
Ball Bearing 5 x 8 x 2.5mm (Part # BMR85ZZ)

Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong



Assembly 6



Boom Mount Assembly

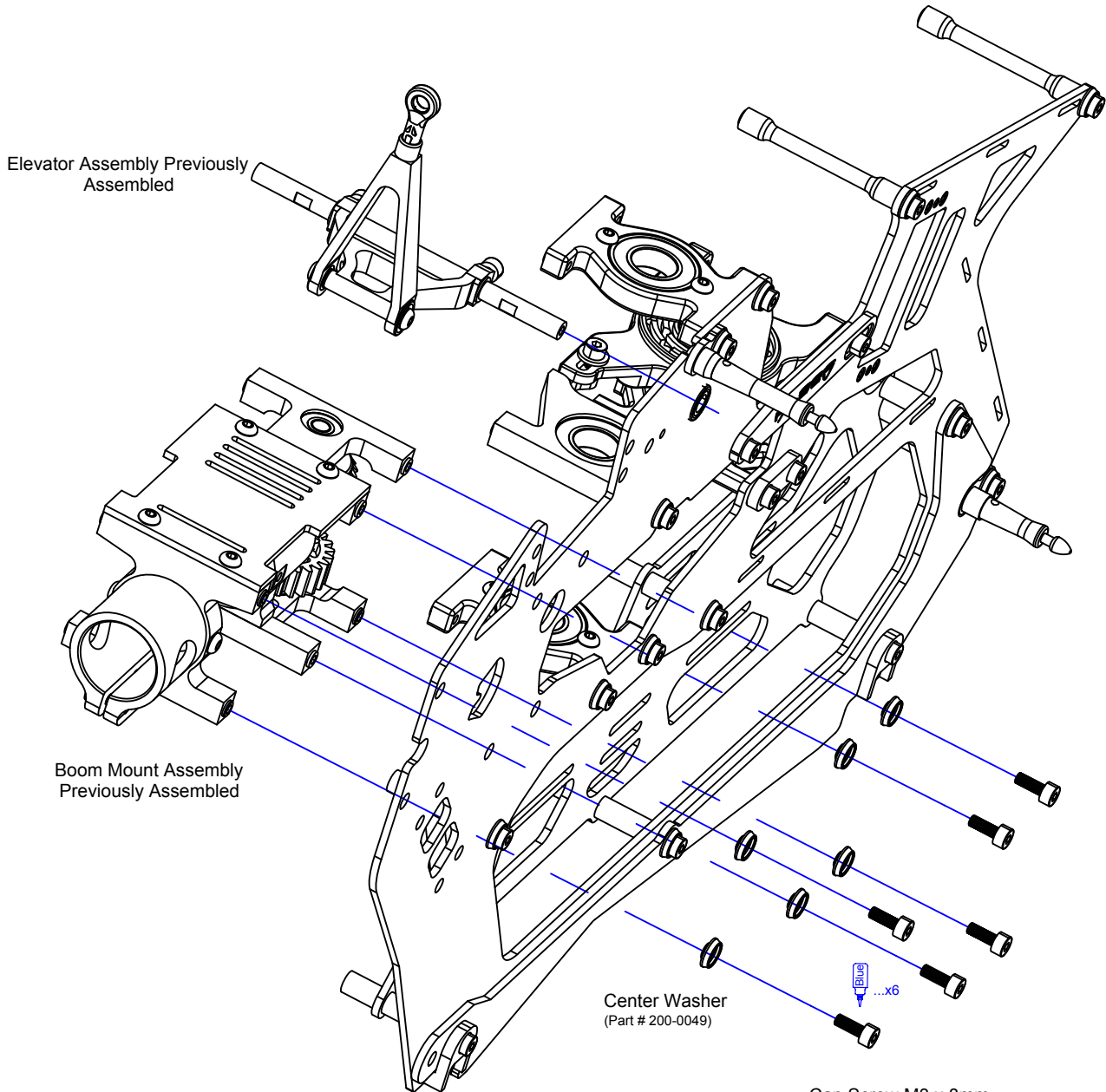


Assembly 6


Frame Assembly

(Continued)

Center Washer
x6
 Cap Screw M3 x 8mm
x6



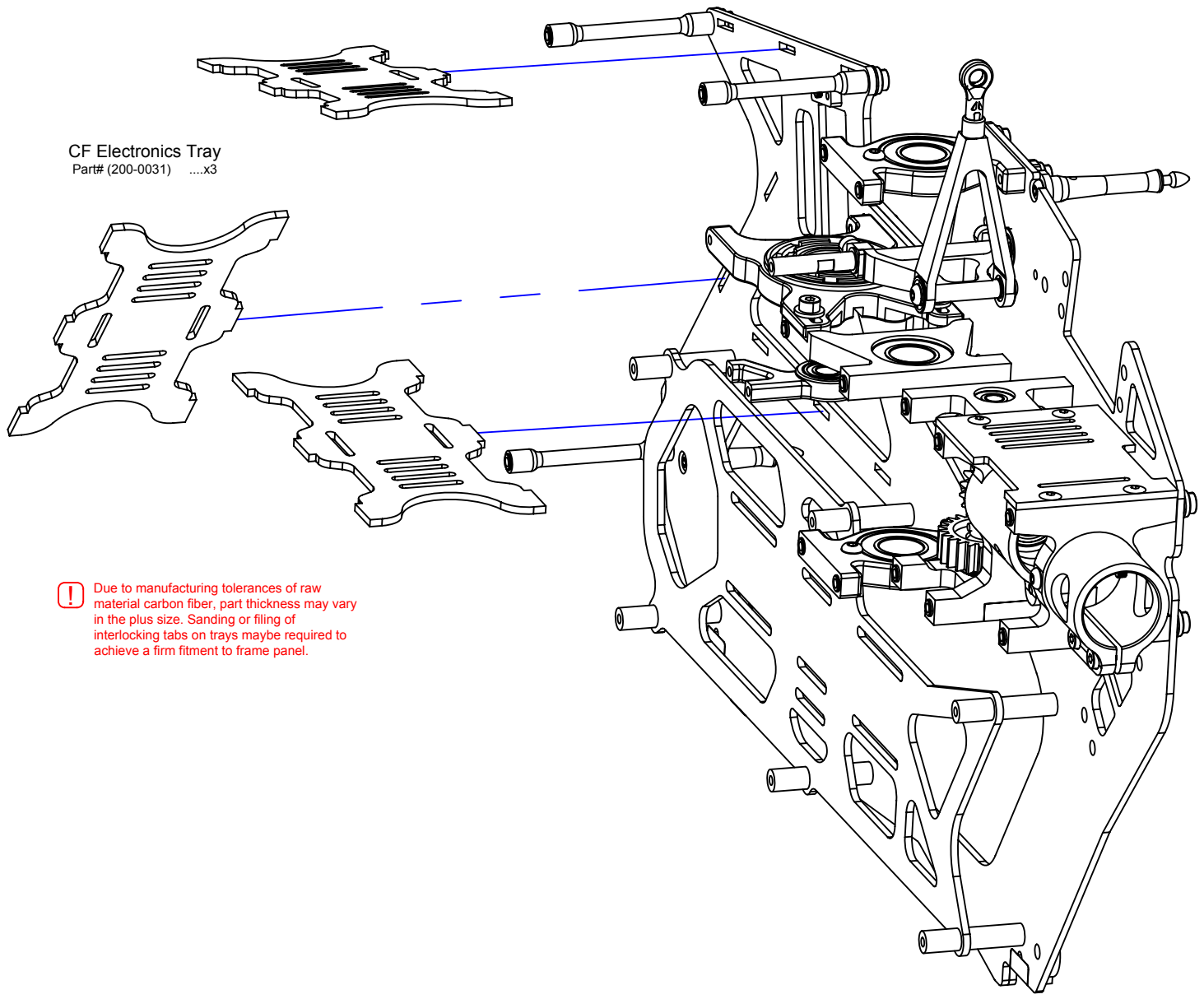
Use thread lock compound on all screws noted by Color:
 Blue = Medium - Red = Strong



Assembly 4

Frame Assembly

(Continued)



CF Electronics Tray
Part# (200-0031)x3

! Due to manufacturing tolerances of raw material carbon fiber, part thickness may vary in the plus size. Sanding or filing of interlocking tabs on trays maybe required to achieve a firm fitment to frame panel.

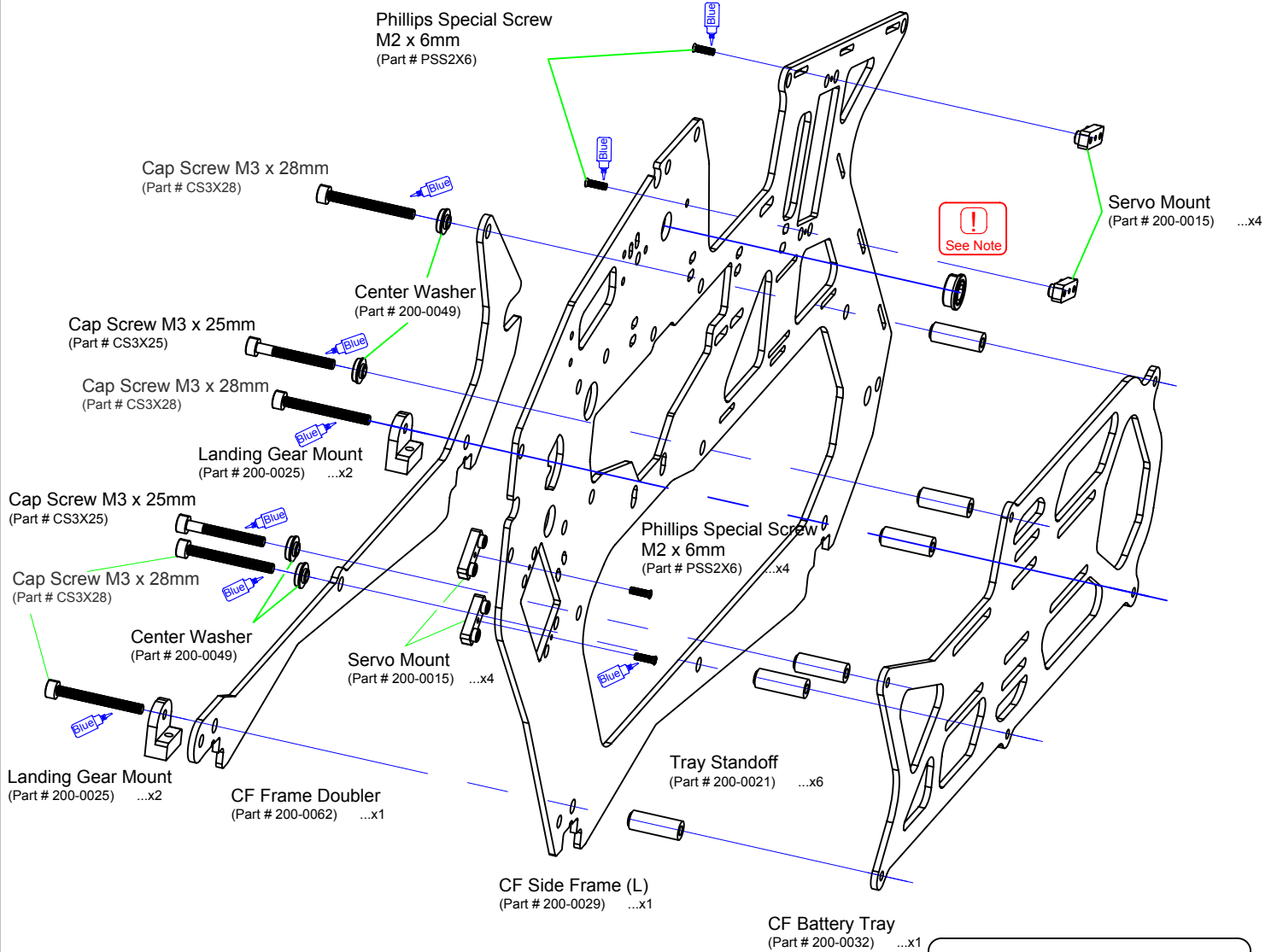
Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong

Blue Red

Assembly 4, 5

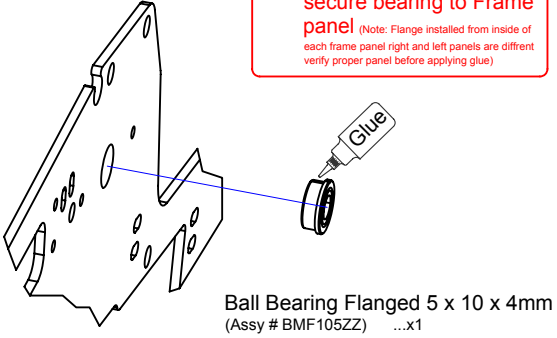
Frame Systems

(Continued)



! Use CA or Epoxy glue to secure bearing to frame panel (Note: Flange installed from inside of each frame panel right and left panels are different verify proper panel before applying glue)

Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong



Special Phillips Screw	.....x4
Cap Screw M3 x 25mm	.....x2
Cap Screw M3 x 28mm	.....x4
Center Washer	.....x4
Ball Bearing Flanged 5 x 10 x 4mm	.....x1

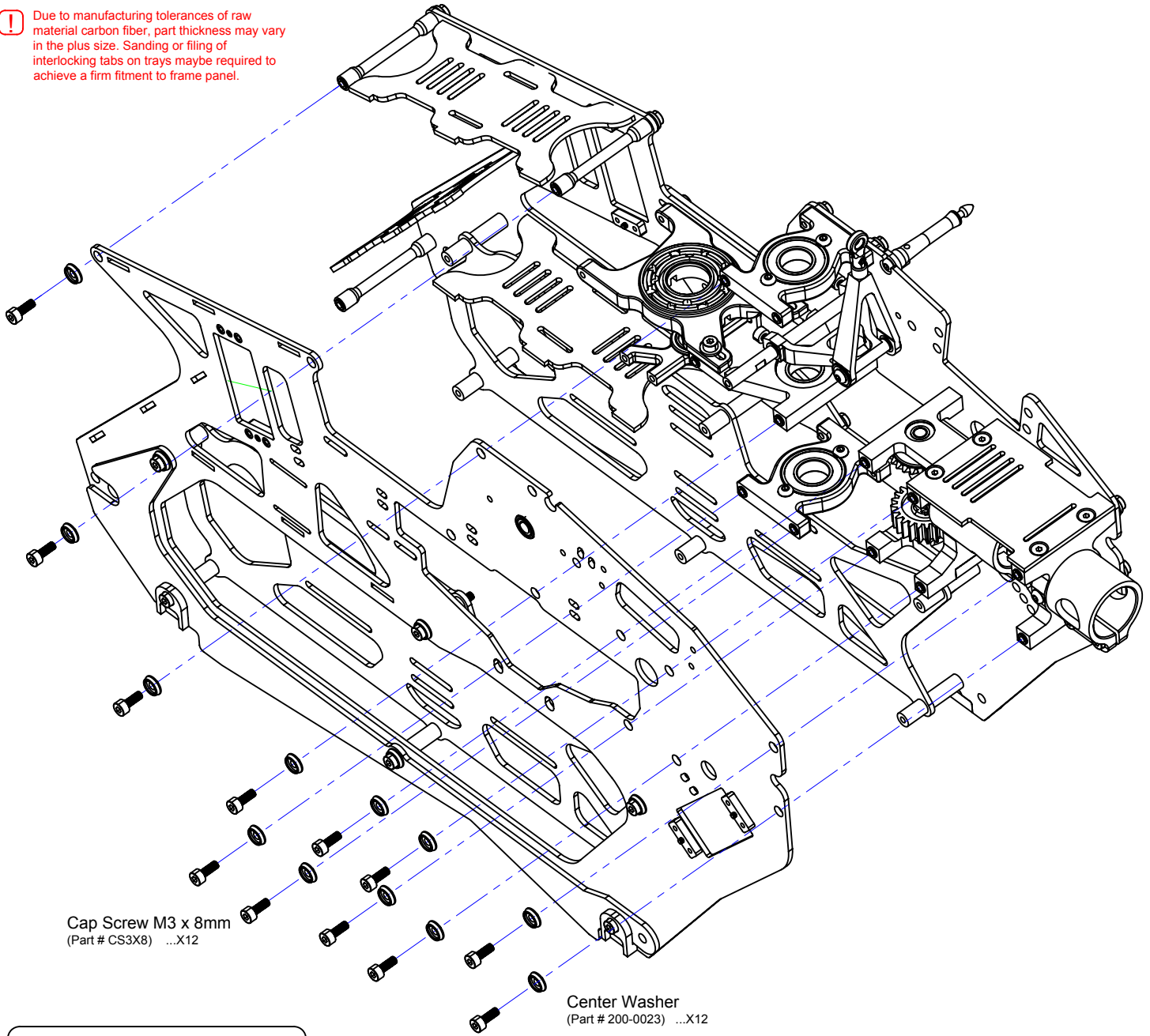
Assembly 3, 4, 5 Frame Systems

(Continued)



Apply Blue(Medium Strength) thread lock on all screws shown on this page


! Due to manufacturing tolerances of raw material carbon fiber, part thickness may vary in the plus size. Sanding or filing of interlocking tabs on trays maybe required to achieve a firm fitment to frame panel.



Cap Screw M3 x 8mm
(Part # CS3X8) ...X12


Center Washer
(Part # 200-0023) ...X12

Cap Screw M3 x 8mm





.....X12

Center Washer



.....X12

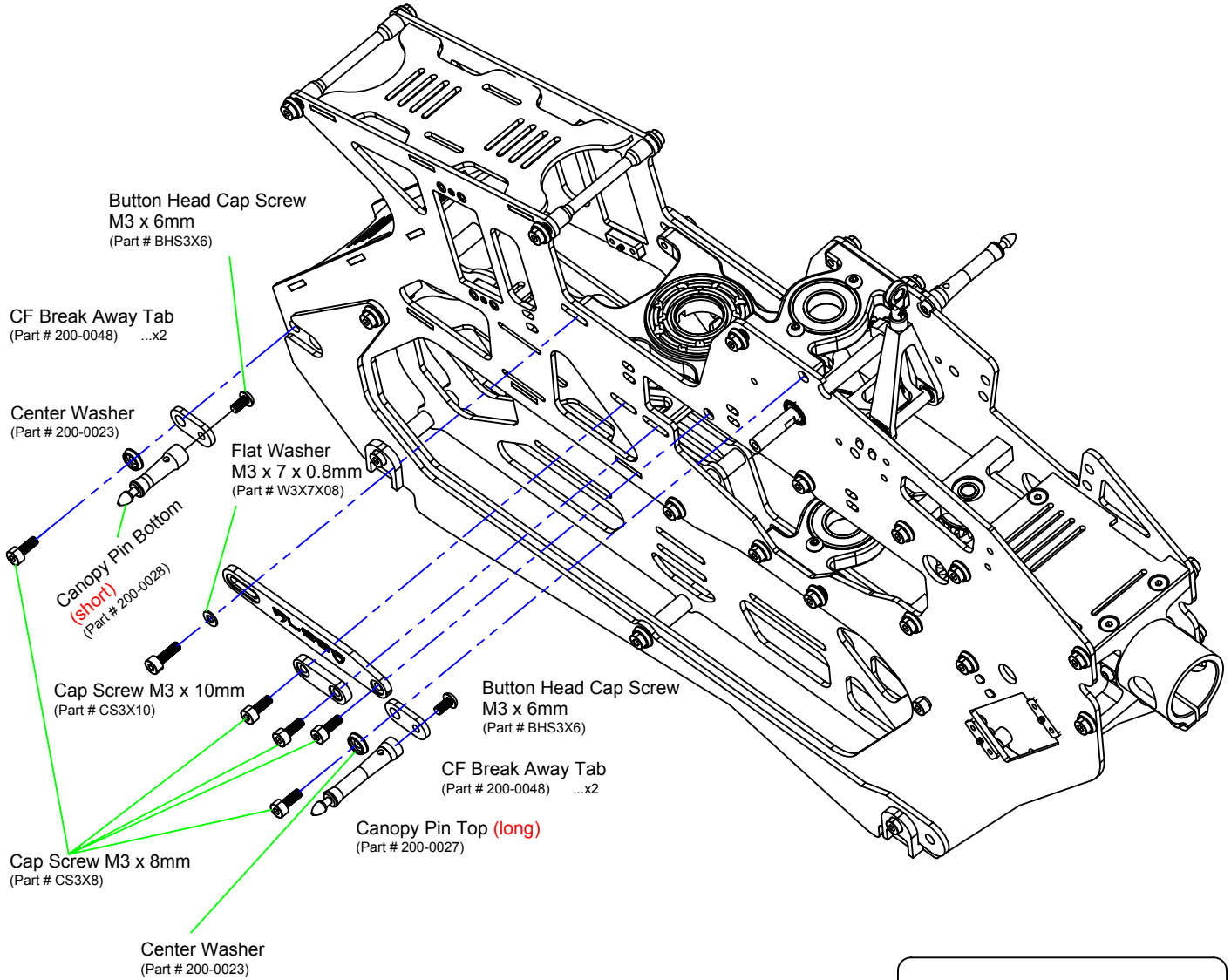
Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong


Assembly 3, 4, 5 Frame Systems




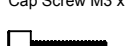
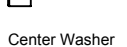
(Continued)

 **Blue**
 Apply Blue(Medium Strength) thread lock on all screws shown on this page



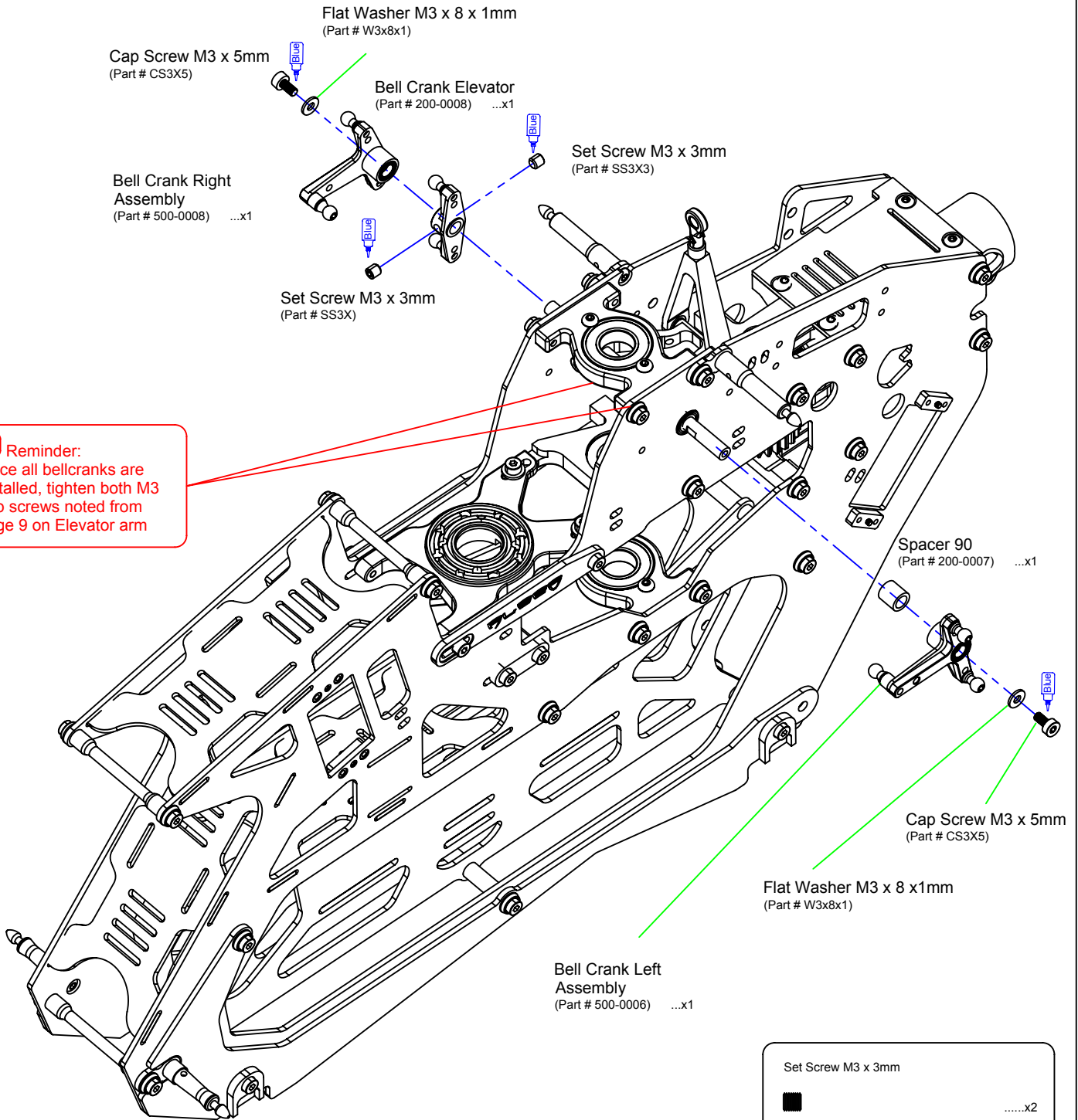
Use thread lock compound on all screws noted by Color:
 Blue = Medium - Red = Strong



Button Head Cap Screw M3 x 6mm		.....x2
Cap Screw M3 x 8mm		.....x5
Cap Screw M3 x 10mm		.....x1
Center Washer		.....x5
Flat Washer M3 x 7 x 0.8mm		.....x1

Assembly 9

Bell Cranks



Reminder:
Once all bellcranks are installed, tighten both M3 cap screws noted from page 9 on Elevator arm

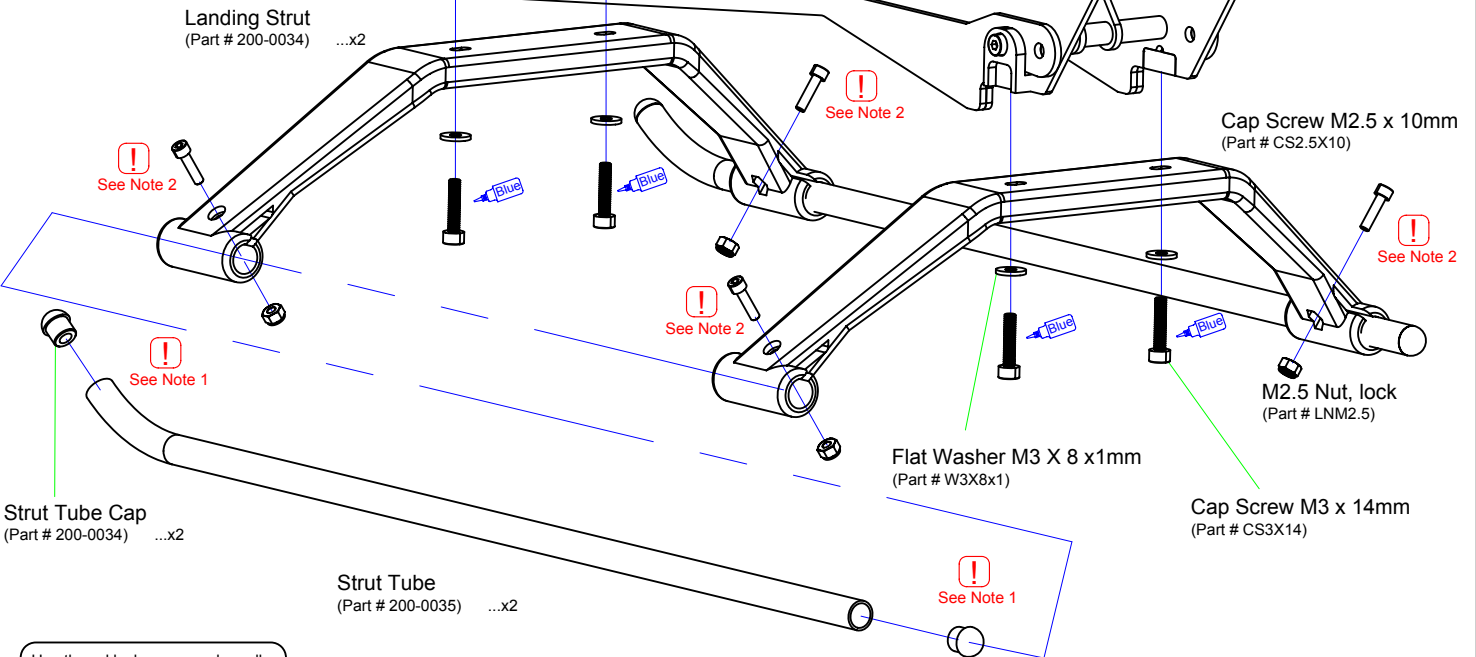
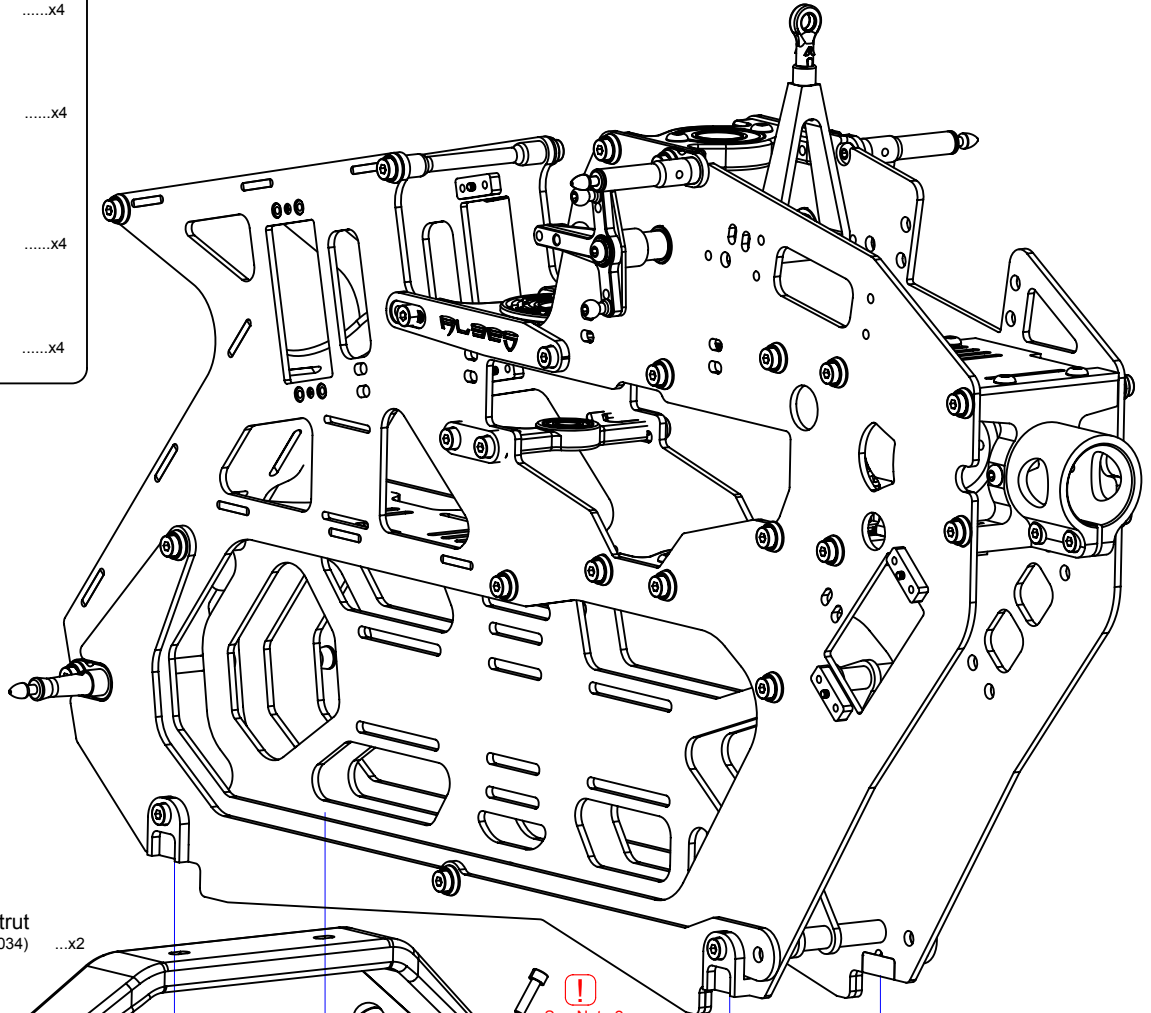
Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong

- Set Screw M3 x 3mmx2
- Button Head Screw M3 x 5mmx2
- Flat Washer M3 x 8 x 1mmx2

Assembly 8

Landing Gear Assembly

Cap Screw M2.5 x 10mm	.....x4
Cap Screw M3 x 14mm	.....x4
Flat Washer M3 x 8 x 1mm	.....x4
M2.5 Nut, Locking	.....x4



Use thread lock compound on all screws noted by Color:
 Blue = Medium - Red = Strong


1: Landing strut tube caps are an interference (Press) fit, careful installation is required

2: Do Not over tighten M2.5 x 10mm cap screws. Proper torque should only prevent strut tubes from rotating within the Landing Strut

Assembly 5, 9

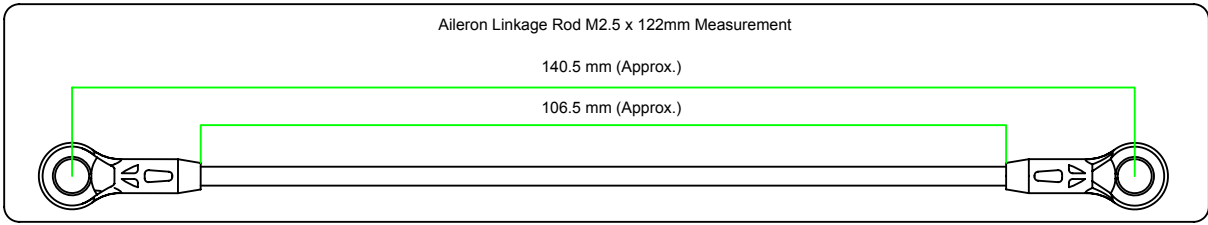
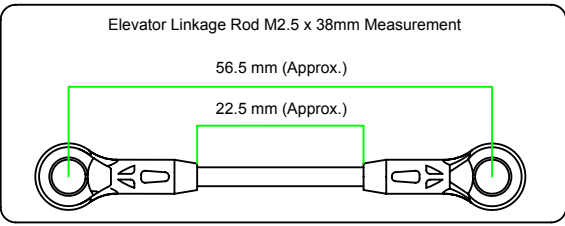
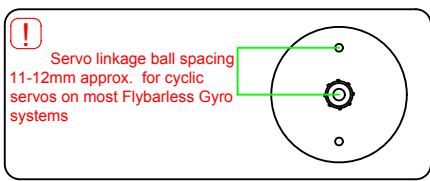
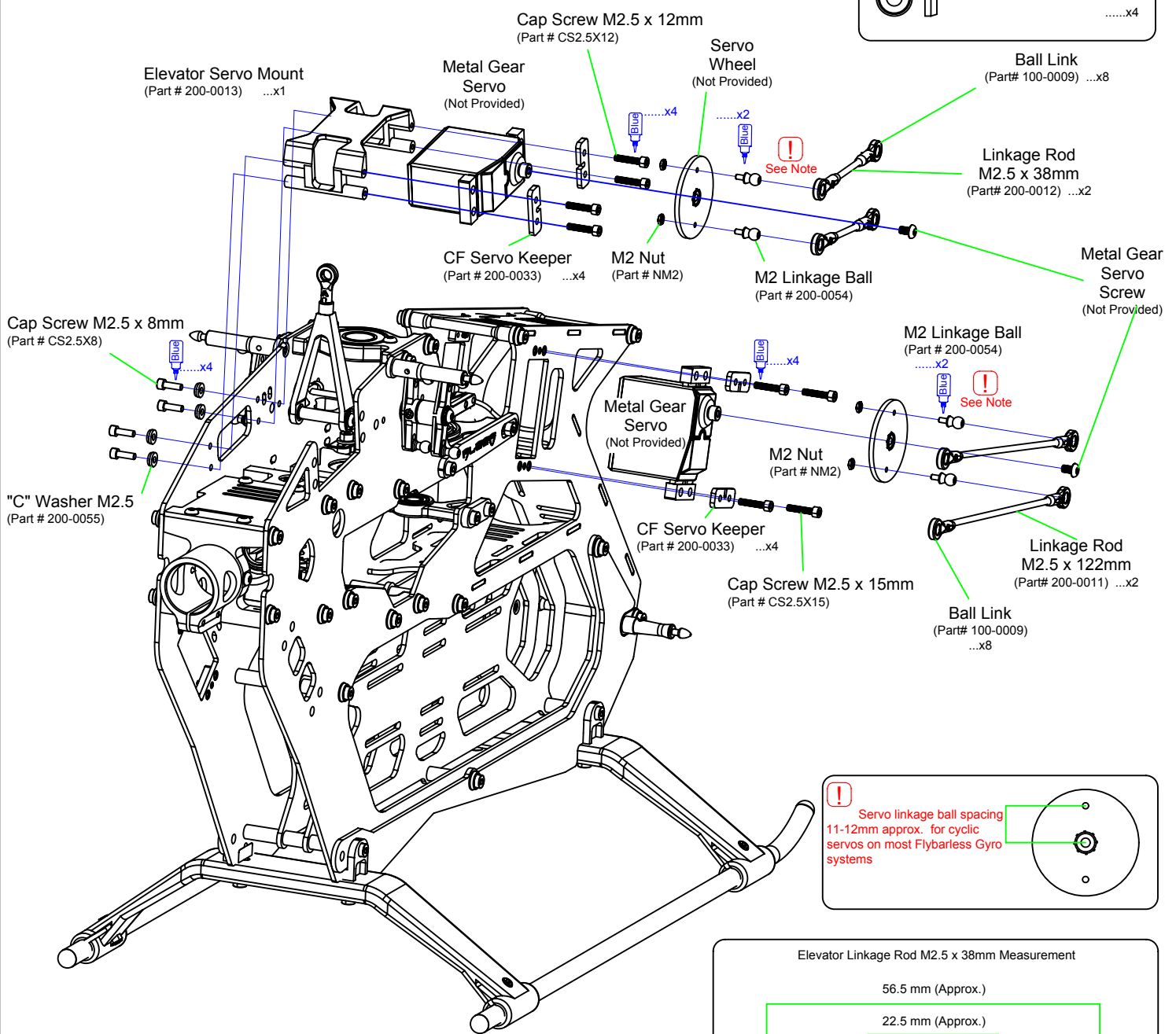
Servo Installation

Use thread lock compound on all screws noted by Color:
 Blue = Medium - Red = Strong



- Cap Screw M2.5 x 8mmx4
- Cap Screw M2.5 x 12mmx4

- Cap Screw M2.5 x 15mmx4
- M2 Linkage Ballx4
- M2 Nutx4
- M2.5 "C" Washerx4

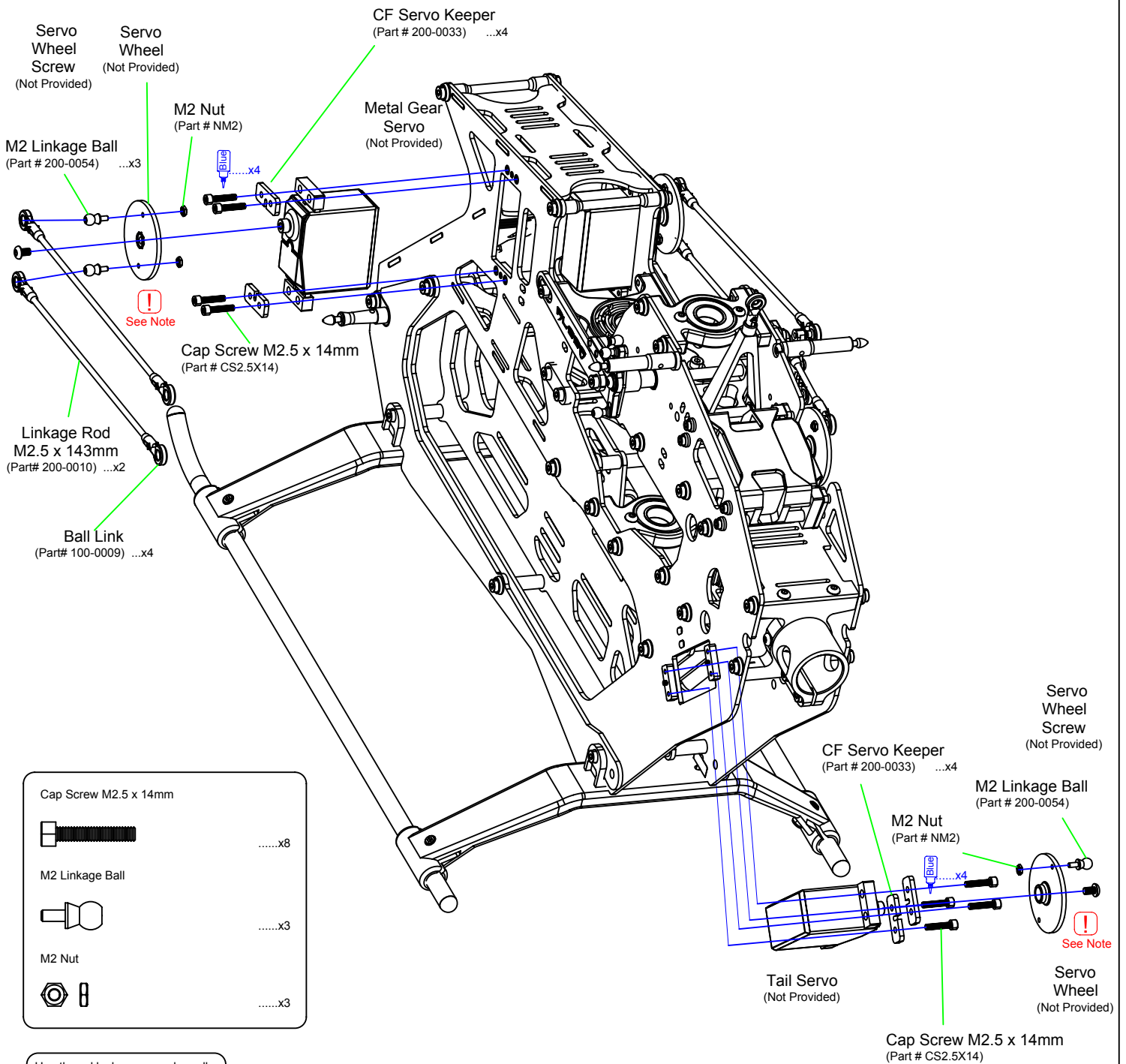
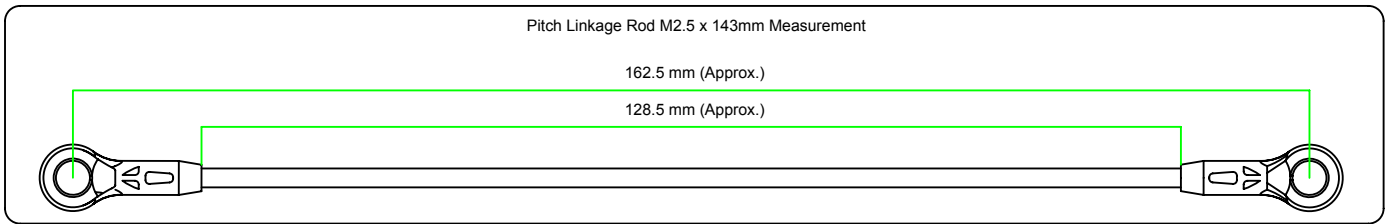


Assembly 5, 9

Servo Installation

(Continued)

! Servo linkage ball spacing 11-12mm approx. for cyclic and 13-15mm approx. for most Flybarless Gyro systems



Cap Screw M2.5 x 14mmx8

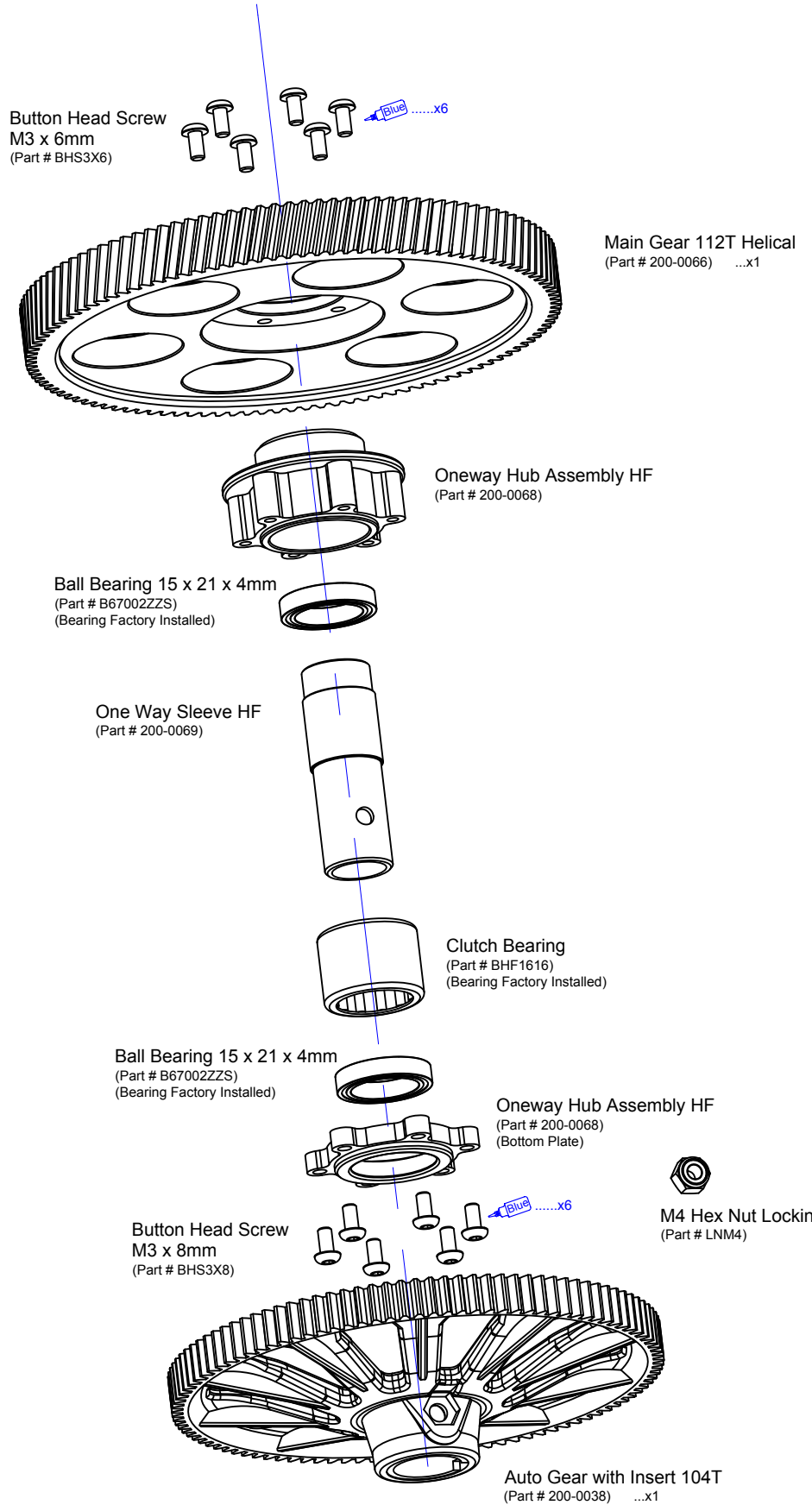
M2 Linkage Ballx3

M2 Nutx3

Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong

Assembly 7

Drive Gear



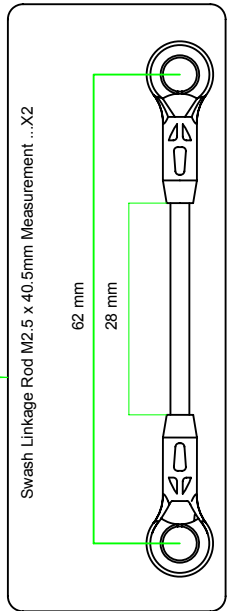
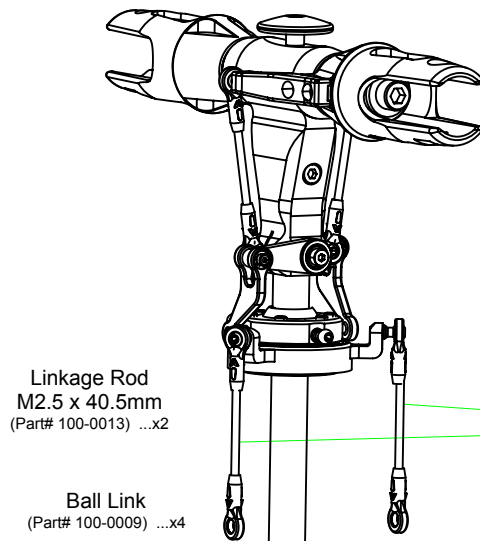
Button Head Screw M3 x 6mm	.....x6
Button Head Screw M3 x 8mm	.....x6
Cap Screw M4 x 26mm	.....x1
Lock Nut M4	.....x1
Clutch Bearing	.....x1
Ball Bearing 15 x 21 x 4mm	.....x2

Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong

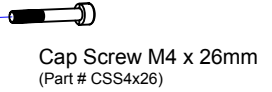
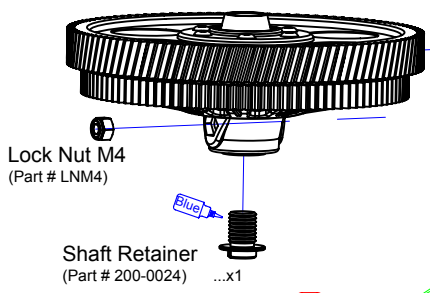
Cap Screw M4 x 26mm
(Part # CS4X26)

! Install M4 screw and nut into Gear assembly, Through main shaft after installed in Helicopter Frame assembly

Head Installation

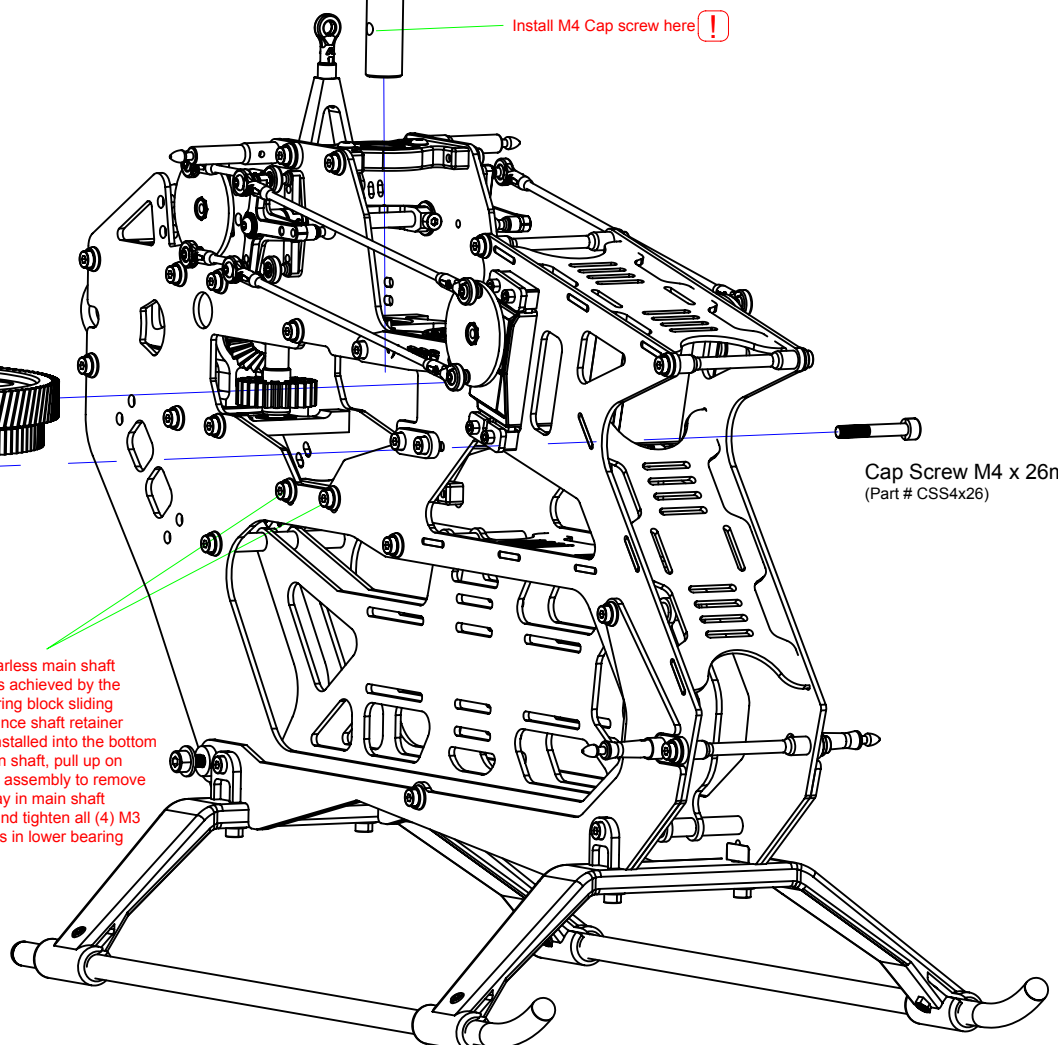


Install M4 Cap screw here !



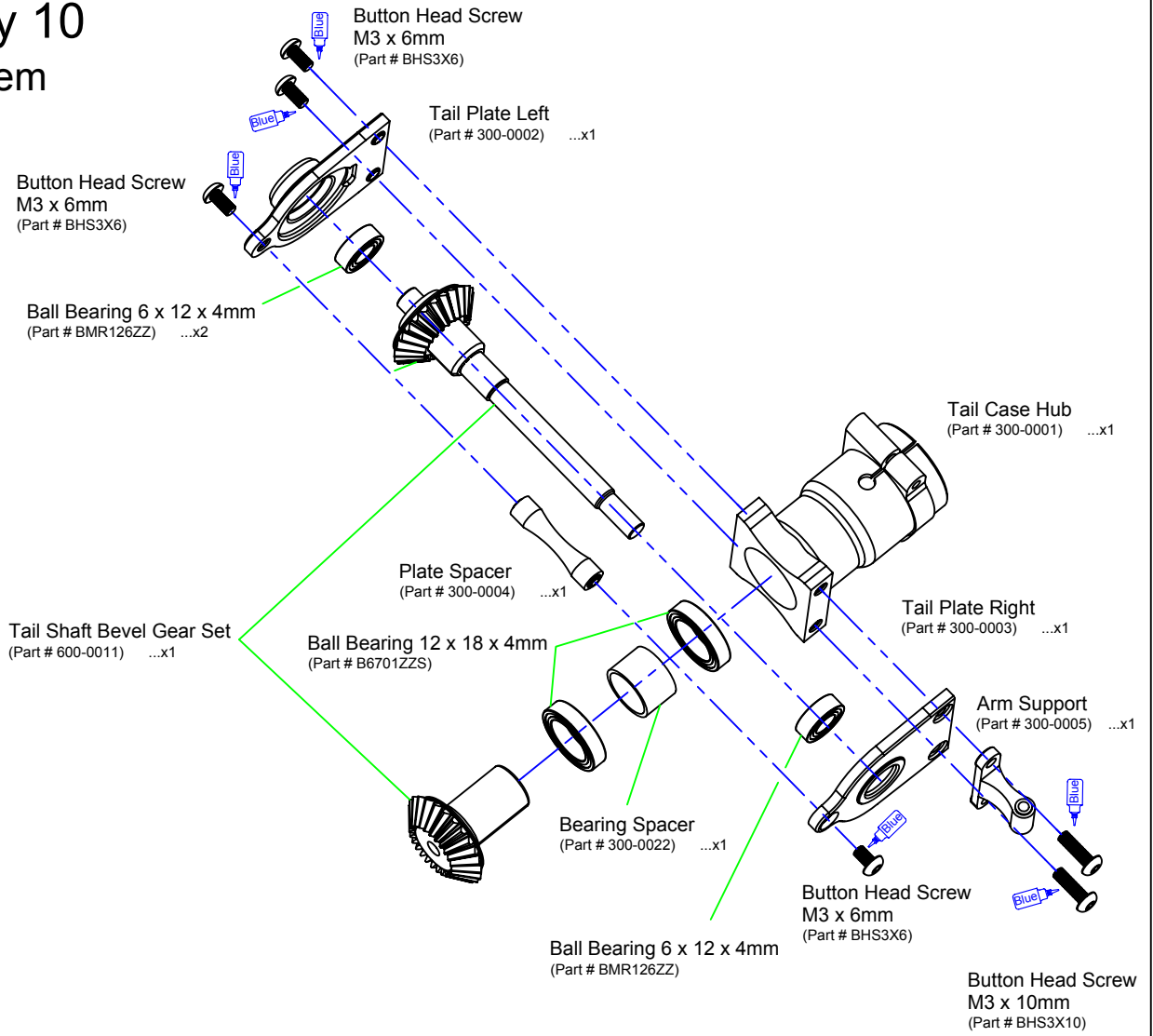
! Shaft Retainer Screw is to be installed After lower M4 mast screw and nut is installed, and Removed first before main shaft removal.

! Collarless main shaft retention is achieved by the lower bearing block sliding up/down once shaft retainer screw is installed into the bottom of the main shaft, pull up on rotor head assembly to remove excess play in main shaft up/down and tighten all (4) M3 cap screws in lower bearing block




Assembly 10

Tail System




Button Head Screw M3 x 6mm



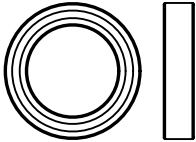
.....x4

Button Head Screw M3 x 10mm




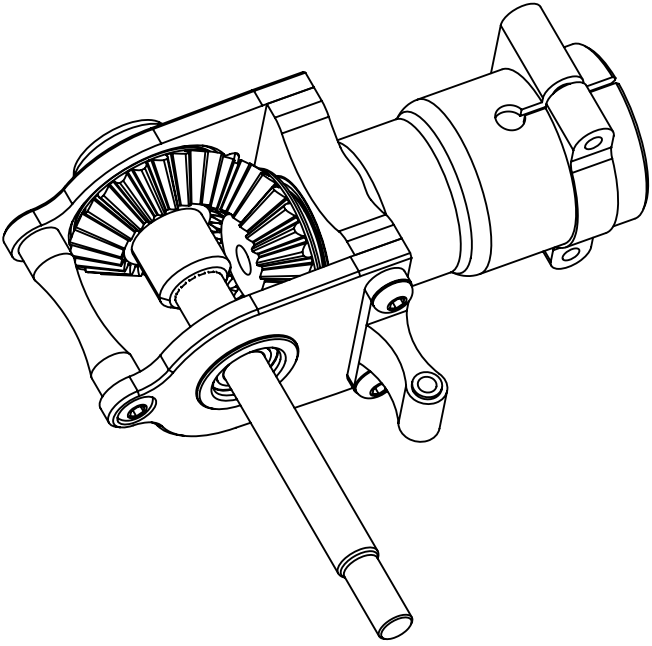
.....x2

Ball Bearing 12 x 18 x 4mm



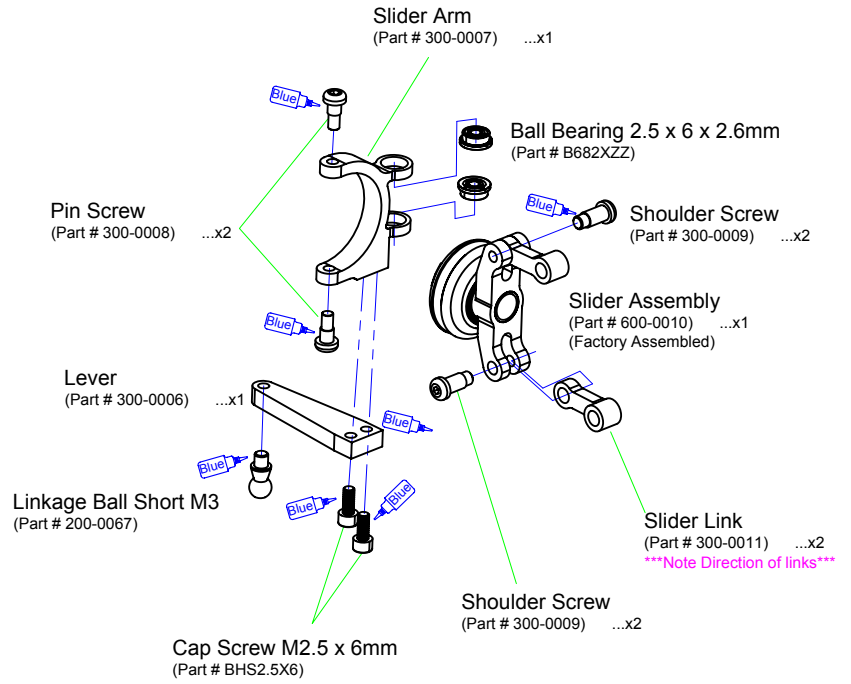
.....x2

Use thread lock compound on all screws noted by Color:
 Blue = Medium - Red = Strong





Assembly 11 Tail System

(Continued)




Linkage Ball Short M3




....x1

Flanged Bearing 2.5 x 6 x 2.6mm



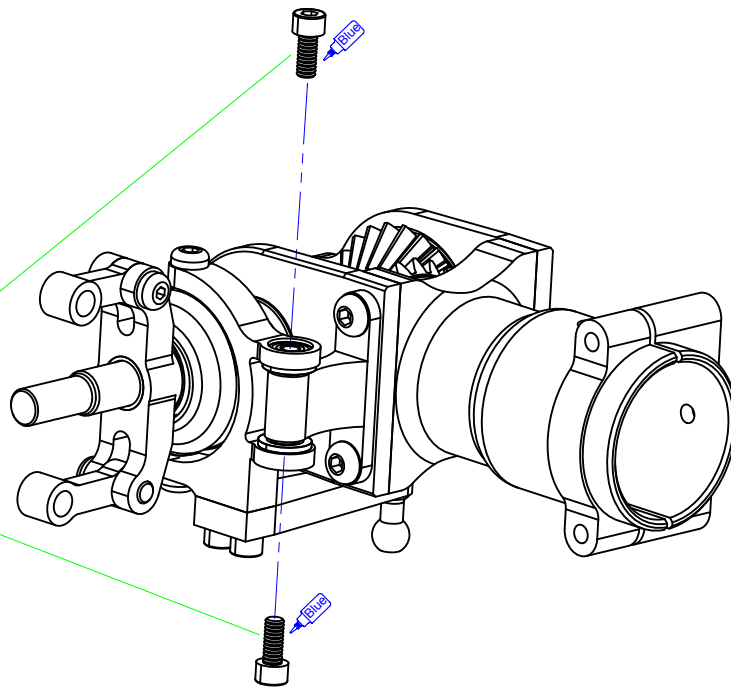
....x2

Cap Screw M2.5 x 6mm





....x4

Cap Screw M2.5 x 6mm
(Part # BHS2.5X6)



Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong

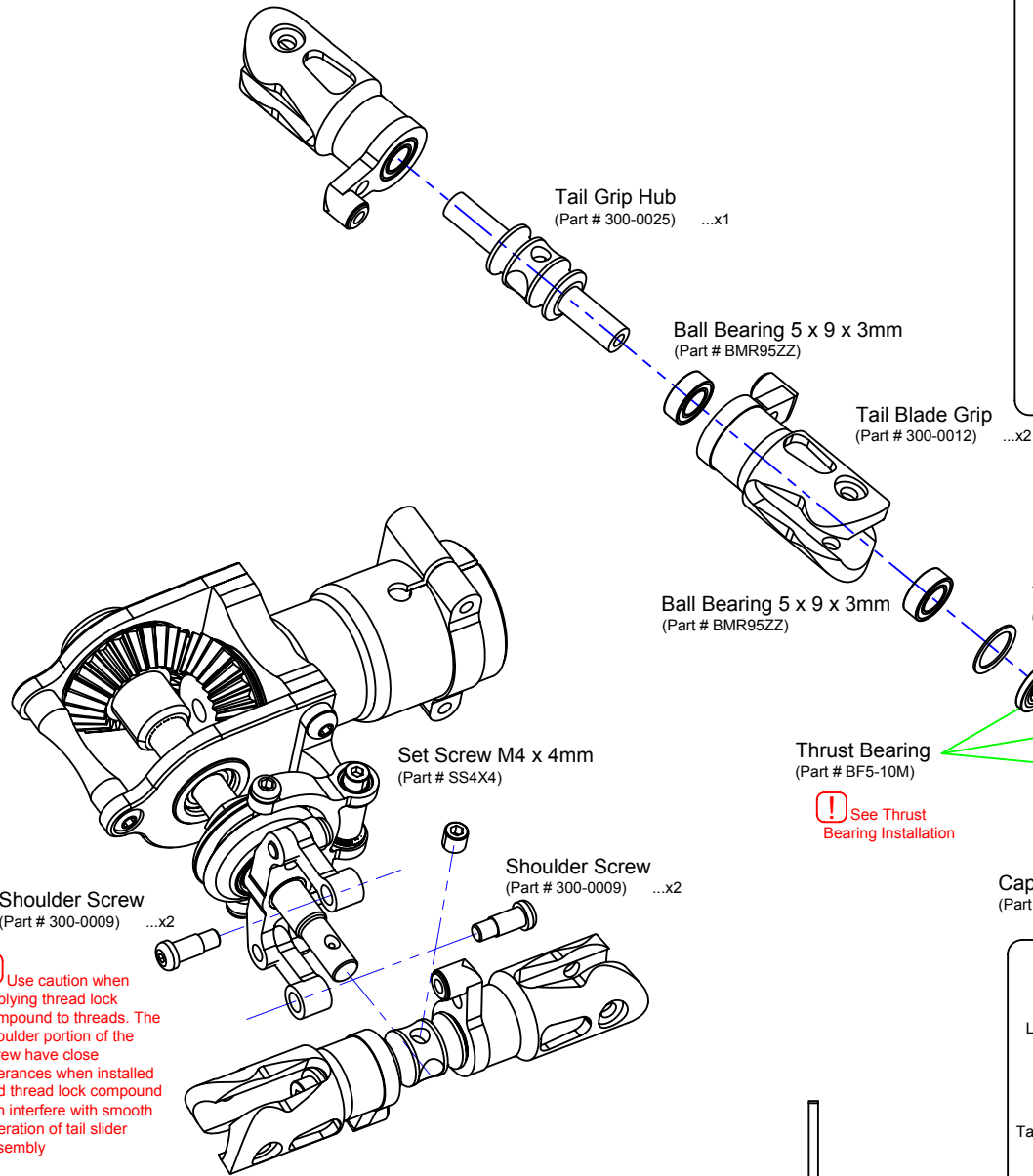



Assembly 11

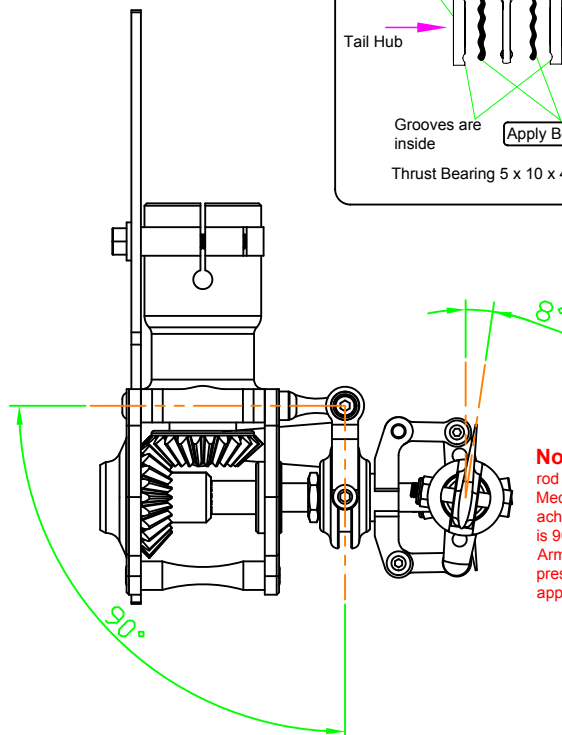
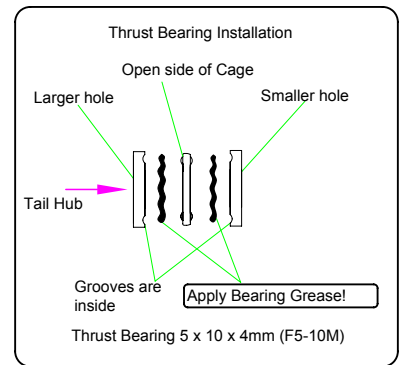
Tail System

(Continued)

Set Screw M4 x 4mm	.....x1
Flat Washer M3 x 8 x 1mm	.....x2
Cap Screw M3 x 8mm	.....x2
Cap Screw M3 x 8mm	.....x4
Thrust Bearing 5 x 10 x 4mm	.....x2



Tail Blade Grip Assembly
(Part # 600-0013) ...x1



Note: During tail linkage rod and servo setup. Mechanical zero is achieved when Slider Arm is 90 degree relative to Arm Support. Allowing a preset hover pitch value to approx 8 degree

Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong

Blue

Red

Assembly 12

Tail Linkage Rod

Self Tapping Cap Screw M2x8mm



Ball Link
(Part # 100-0009) ...x2

Rod Guide
(Part # 300-0016) ...x4

Self Tapping Screw
M2 x 8mm
(Part # STHSS2x8)

Rod Guide
(Part # 300-0016) ...x4

Rod Guide
(Part # 300-0016) ...x4

Tail Linkage Rod
(Part # 300-0015) ...x1

***Tail Linkage Rod Measurement**

801 mm (Approx.)

767 mm (Approx.)

! Partially Install Self-Tapping Screws once in place after install onto Boom then tighten until Rod guide will no longer move (do not over tighten)

Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong



Rod Guide
(Part # 300-0016) ...x4

Ball Link
(Part # 100-0009) ...x2

Assembly 12

Torque Tube Shaft

Cap Screw M2x12mm

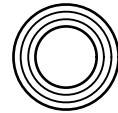


....x2

M2.5 Nut, Locking



Ball Bearing 8 x 14 x 4mm



....x4

This end toward tail rotor assembly

Approx. Ball Bearing position 22mm

Approx. Ball Bearing position 250mm

Approx. Ball Bearing position 230mm

Approx. Ball Bearing position 22mm

! Use CA or Epoxy to secure all (4) Ball Bearings at set positions

TT Shaft
(Part # 300-0020) ...x1

M2.5 Nut, Locking
(Part # LNM2.5)

Cap Screw M2.5 x 12mm
(Part # CS2.5x12)

Ball Bearing 8 14 x 4mm
(Part # BMR148ZZ) ...x4 positions

Bearing Support
(Part # 300-0019) ...x4

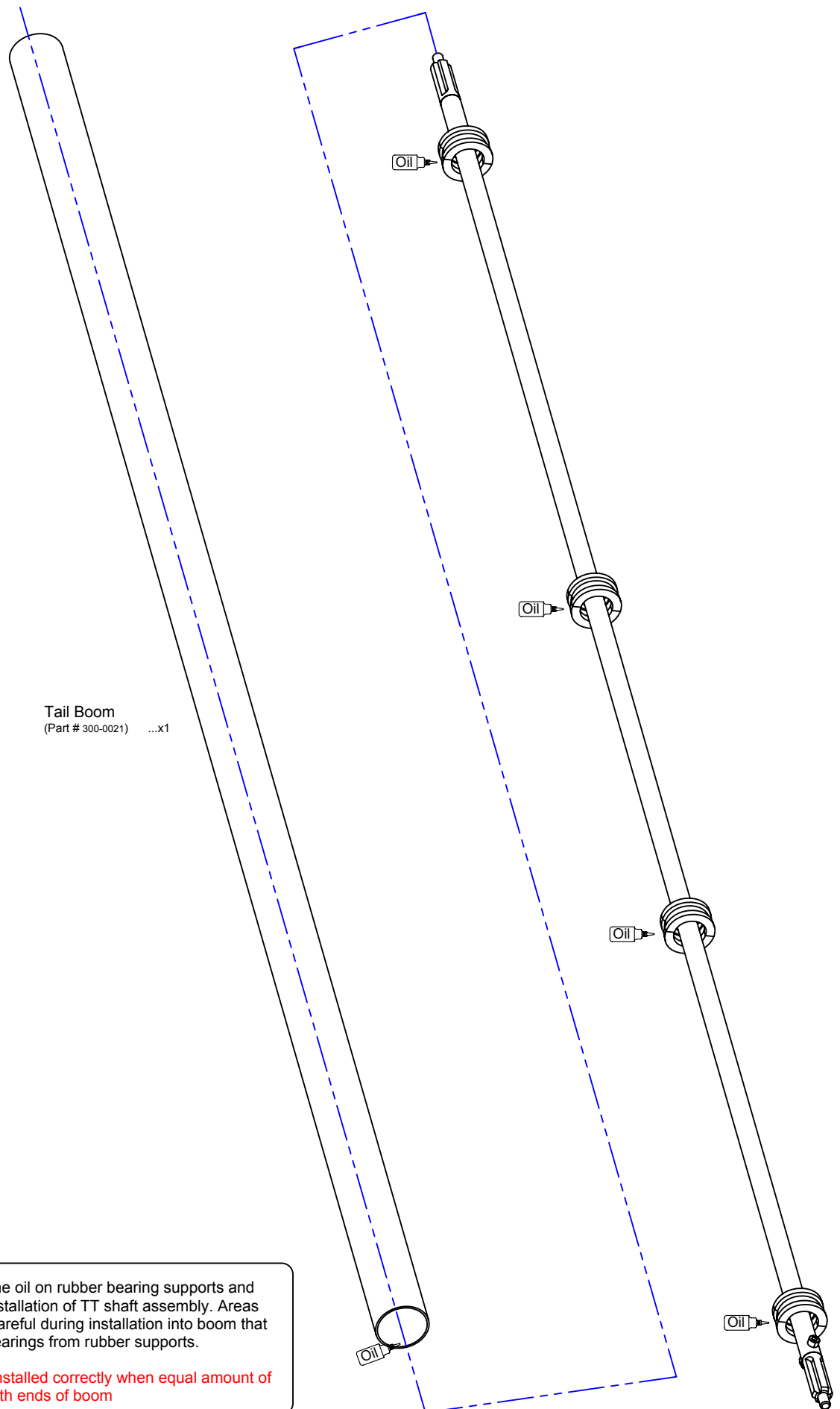
TT Shaft Spline
(Part # 300-0028) ...x2

Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong




Assembly 12

Torque Tube Shaft



Tail Boom
(Part # 300-0021) ...x1

 Use a light machine oil on rubber bearing supports and inside tail boom to ease installation of TT shaft assembly. Areas are noted by symbol. Be careful during installation into boom that you are not to force ball bearings from rubber supports.

Special Note: TT shaft is installed correctly when equal amount of TT Spline extends from both ends of boom

Assembly 12

Tail Rod and Guides

Tail push rod and guides assembled

Boom and TT Shaft assembled

⚠ Leave all rod guide screws loose for easy installation and setup. Tightening screws will be covered at a later point in instructions.

Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong



Boom Assembly Installation

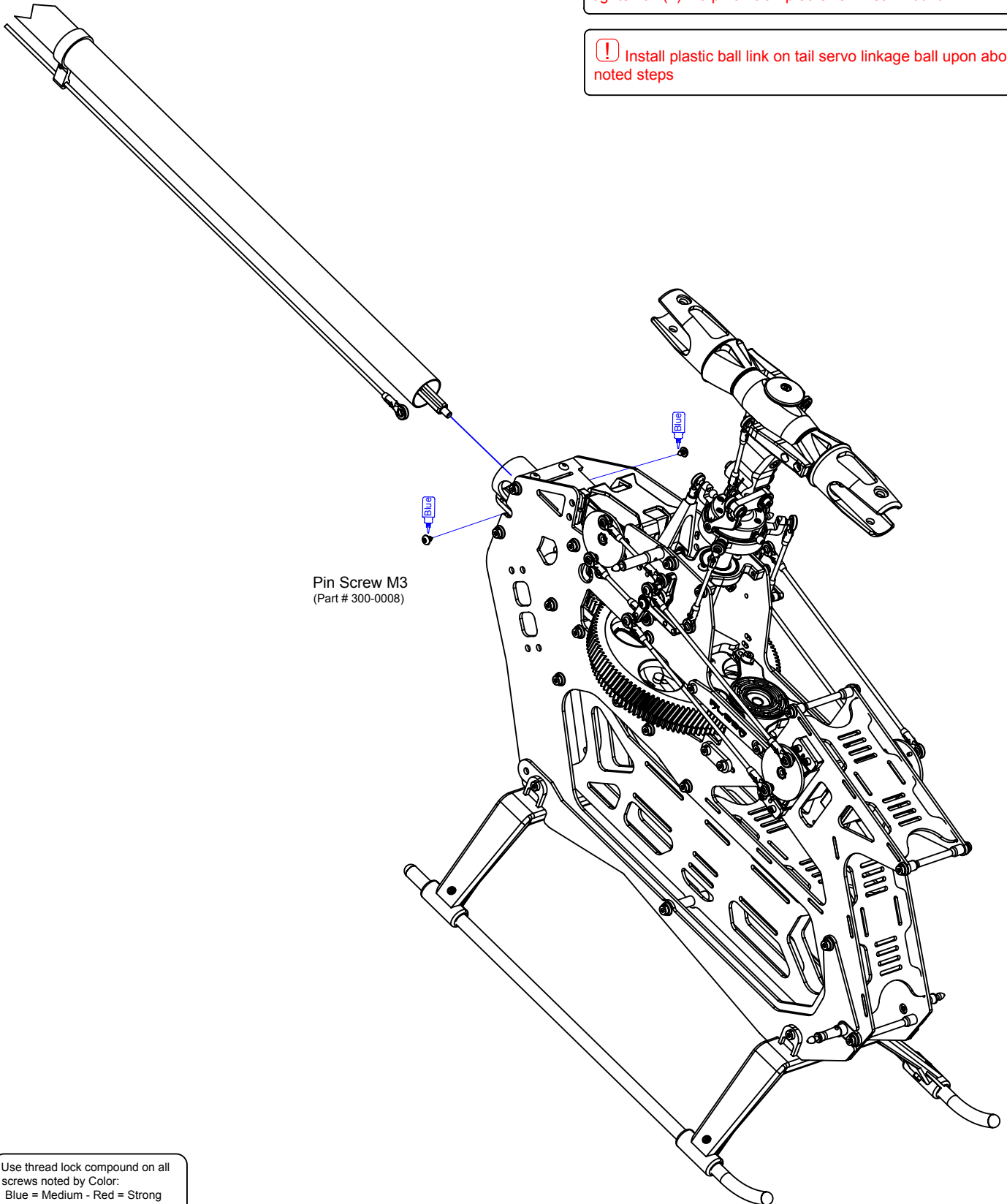
Pin Screw M3



.....x2

! Install boom assembly until boom opening is completely seated in front boom mount. Once seated align logo on boom and Install (2) Pin screws as shown in Rear Boom mount. Now tighten all (2) M3 pinch clamp screws in rear mount

! Install plastic ball link on tail servo linkage ball upon above noted steps

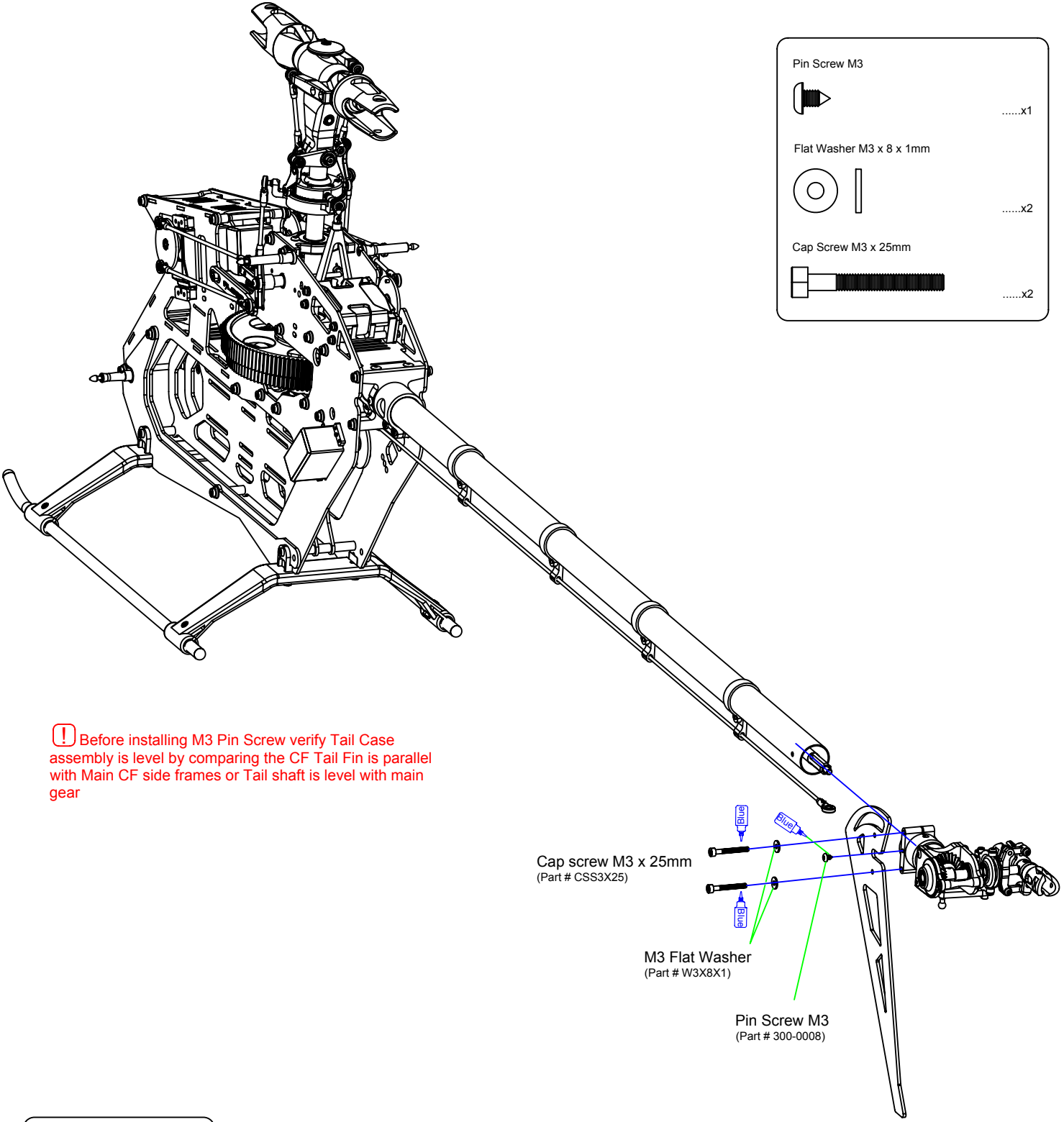





Pin Screw M3
(Part # 300-0008)

Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong



Assembly 4, 10, and 11 Tail Systems (Continued)



- Pin Screw M3
x1
- Flat Washer M3 x 8 x 1mm
x2
- Cap Screw M3 x 25mm
x2

! Before installing M3 Pin Screw verify Tail Case assembly is level by comparing the CF Tail Fin is parallel with Main CF side frames or Tail shaft is level with main gear

Cap screw M3 x 25mm
(Part # CSS3X25)

M3 Flat Washer
(Part # W3X8X1)

Pin Screw M3
(Part # 300-0008)

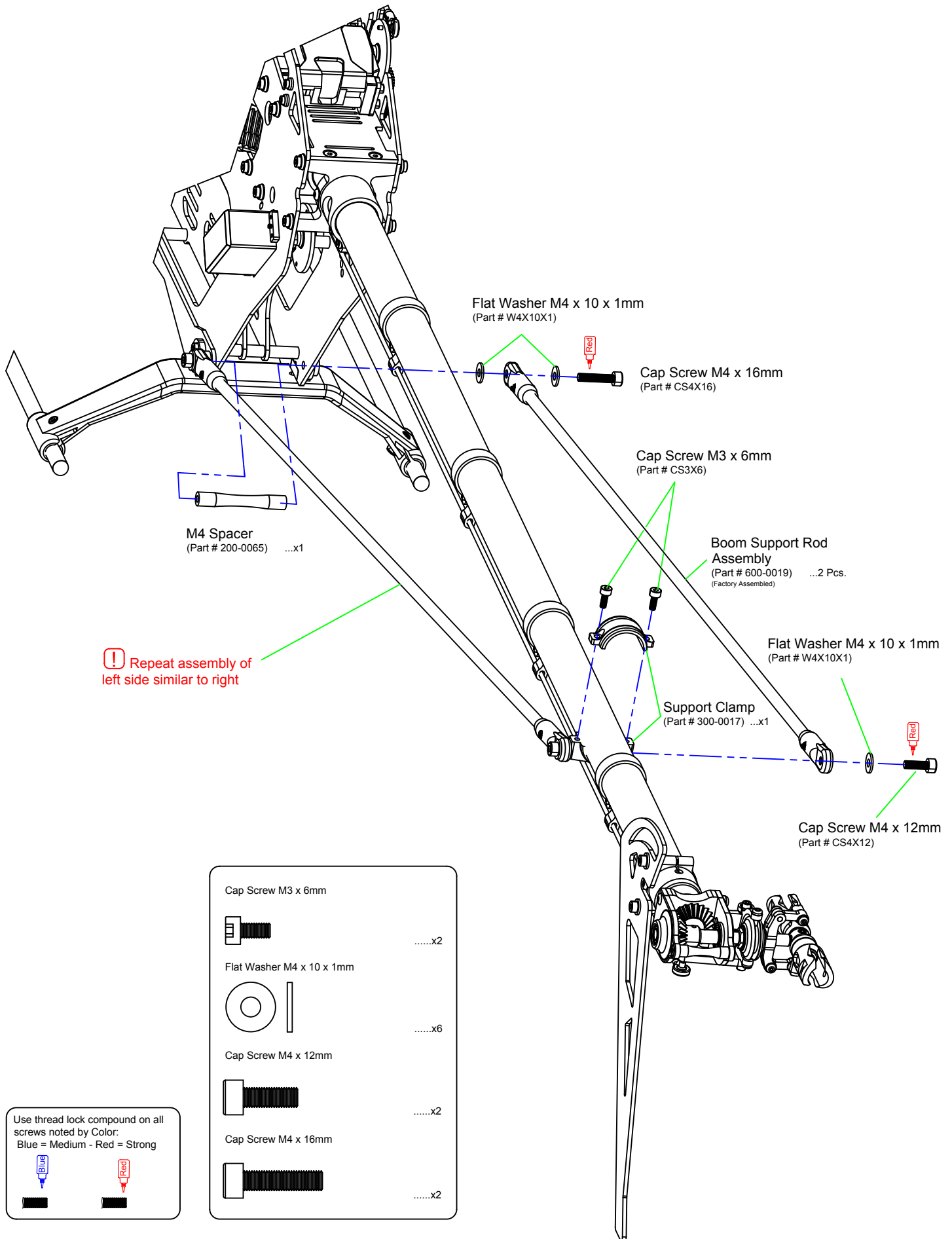
Use thread lock compound on all screws noted by Color:
Blue = Medium - Red = Strong



Assembly 12

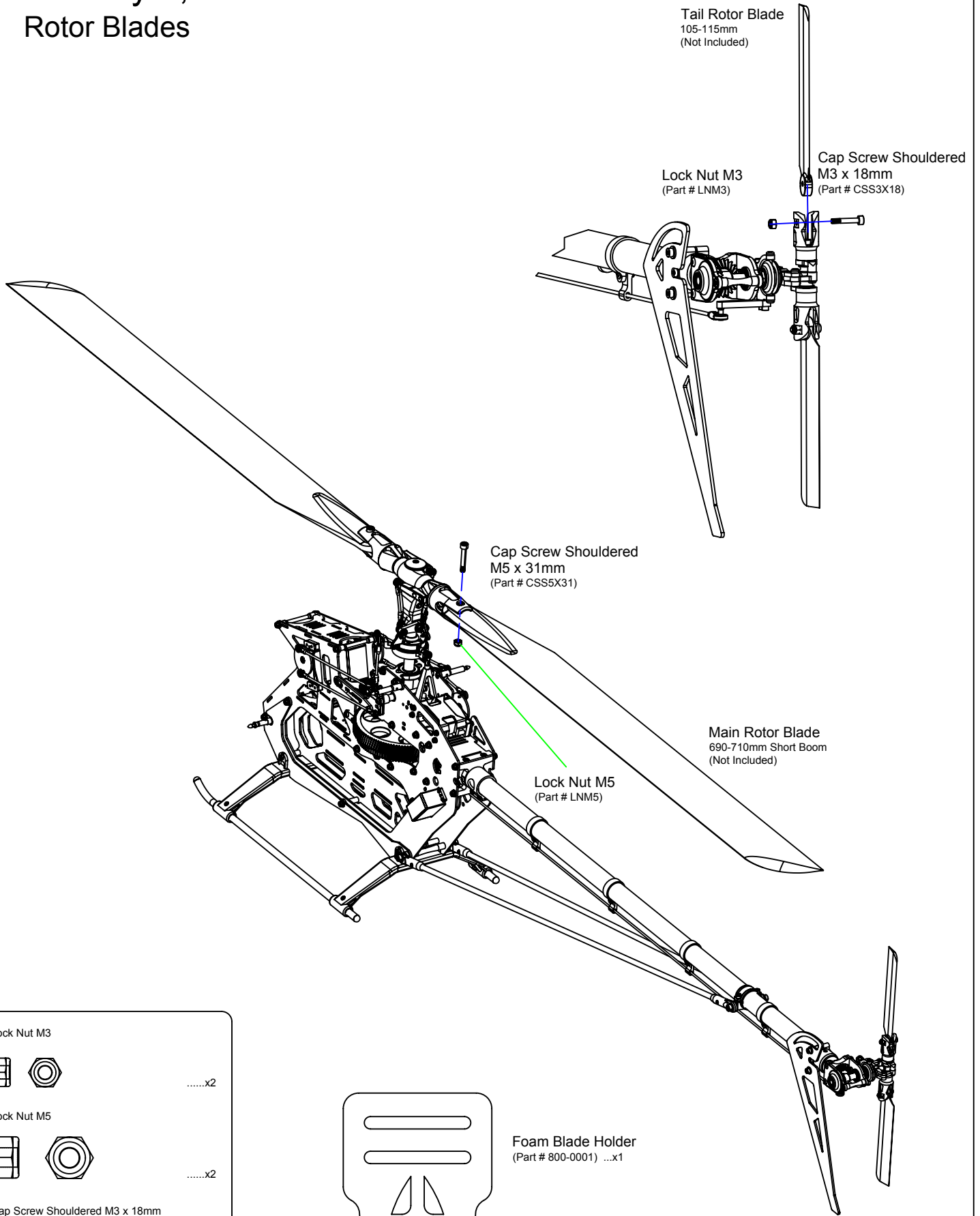
Tail Systems



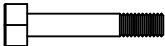
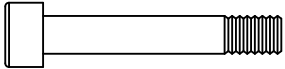
(Continued)



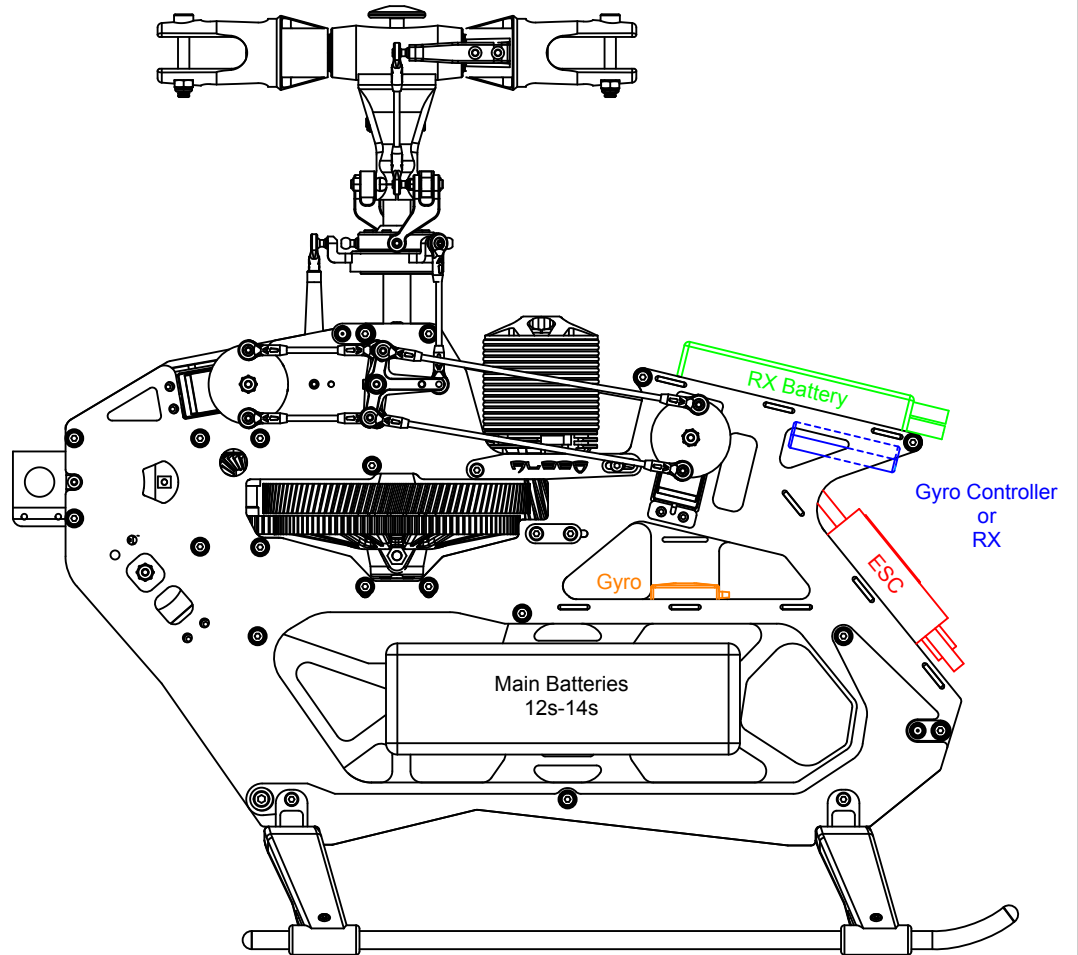
Assembly 2,11

Rotor Blades

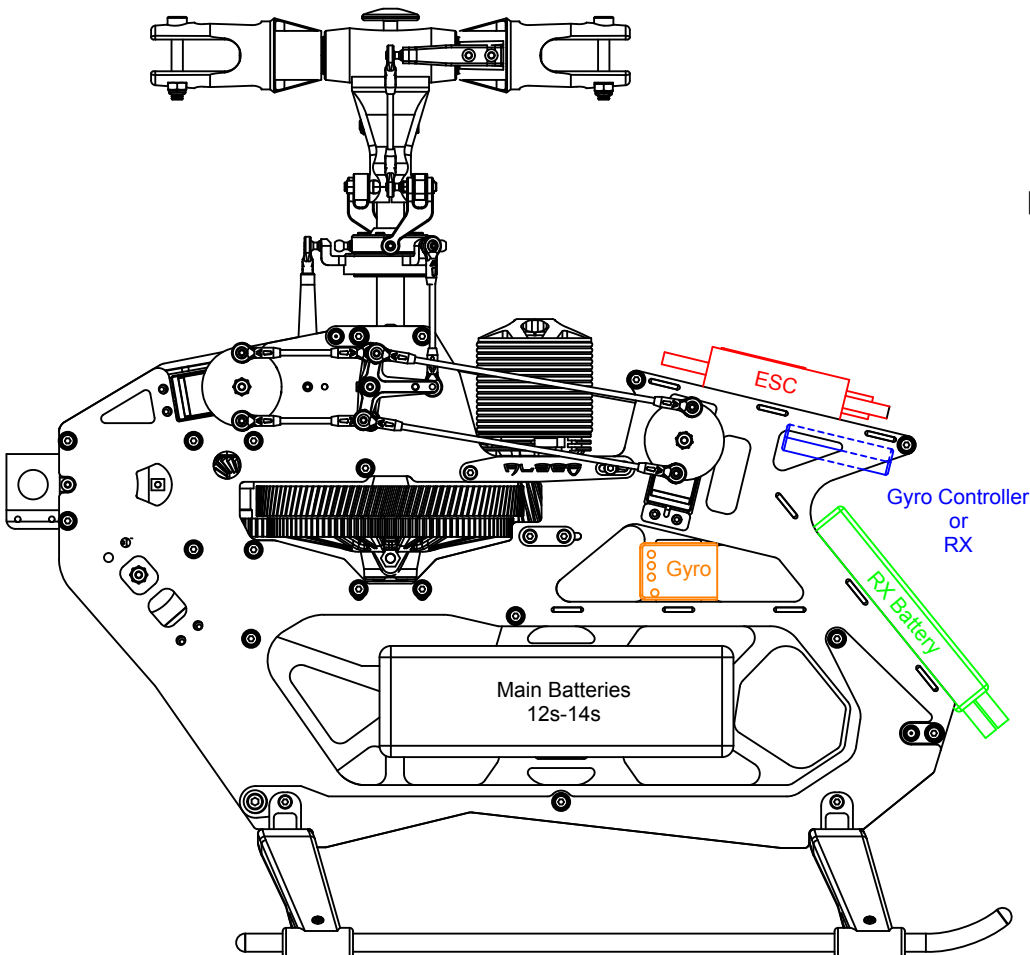


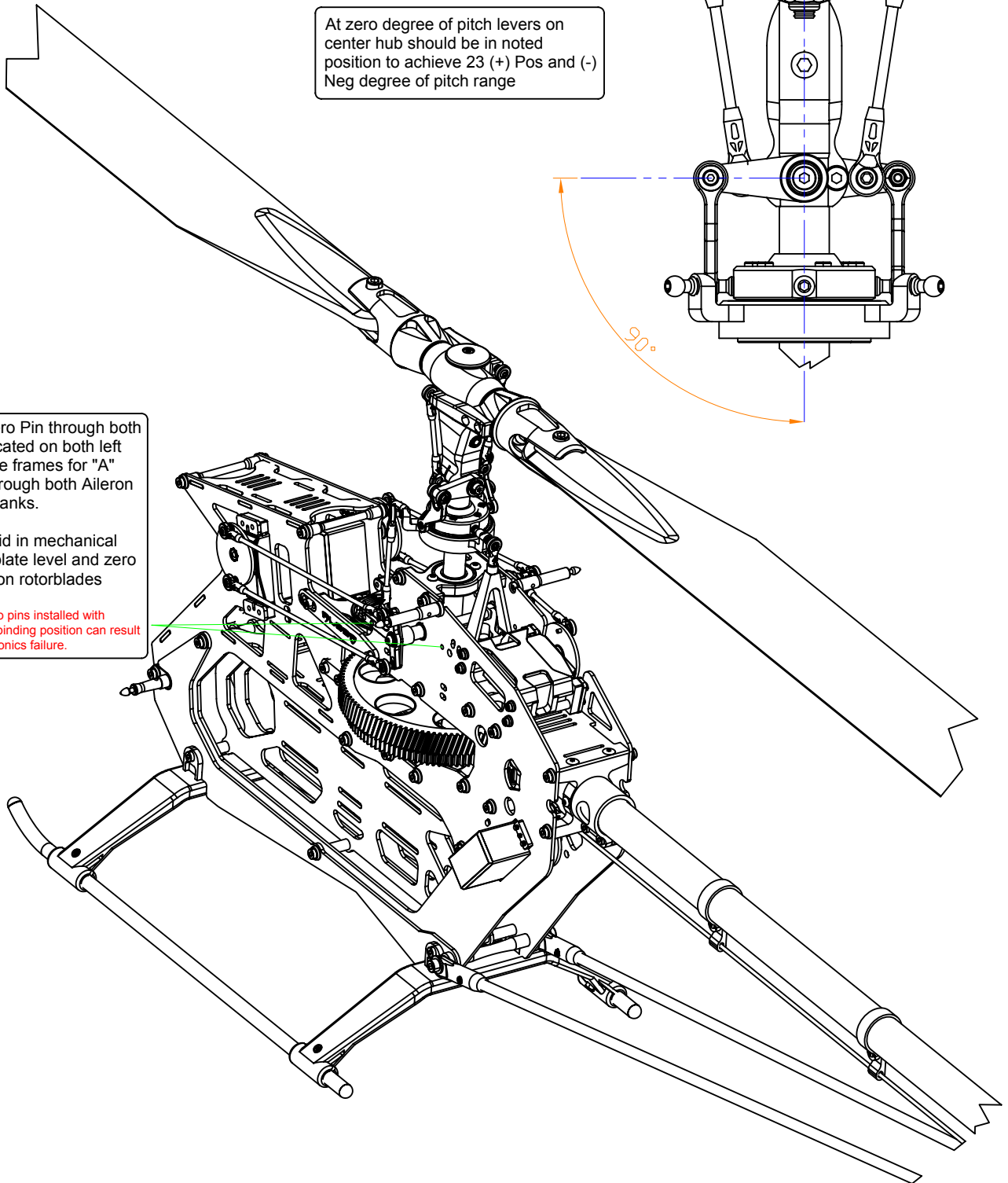
Lock Nut M3		.....x2
Lock Nut M5		.....x2
Cap Screw Shouldered M3 x 18mm		.....x2
Cap Screw Shouldered M5 x 31mm		.....x2

Electronics Placement



Diagrams display optional electronics placement areas





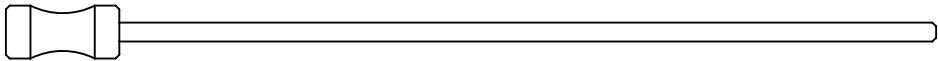
At zero degree of pitch levers on center hub should be in noted position to achieve 23 (+) Pos and (-) Neg degree of pitch range

Install Frame Zero Pin through both 2.5mm holes located on both left and right CF side frames for "A" arm zero and through both Aileron and Pitch bell cranks.

This tool is to aid in mechanical setup of swashplate level and zero degree of pitch on rotorblades

Warning! leaving Zero pins installed with powered servos in a binding position can result in servo and/or electronics failure.

Frame Zero Pin
Part# 800-0002 ...x2



Assembly 14

Canopy

