

TREX 600V2

LIMITED EDITION

ALIGN

INSTRUCTION MANUAL

使用說明書

KX0160NPOAT



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Thank you for buying ALIGN products. The **T-REX 600N V2** is the latest technology in Rotary RC models. Please read this manual carefully before assembling and flying the new **T-REX 600N V2** helicopter. We recommend that you keep this manual for future reference regarding tuning and maintenance.

承蒙閣下選用亞拓遙控世界系列產品，謹表謝意。進入遙控世界之前必須告訴您許多相關的知識與注意事項，以確保您能夠在學習的過程中較得心應手。在開始操作之前，請務必詳閱本說明書，相信一定能夠給您帶來相當大的幫助，也請您妥善保管這本說明書，以作為日後參考。

Thank you for buying ALIGN Products. The T-REX 600N V2 Helicopter is designed as an easy to use, full featured Helicopter R/C model capable of all forms of rotary flight. Please read the manual carefully before assembling the model, and follow all precautions and recommendations located within the manual. Be sure to retain the manual for future reference, routine maintenance, and tuning. The T-REX 600N V2 is a new product developed by ALIGN. It provides flying stability for beginners, full aerobatic capability for advanced fliers, and unsurpassed reliability for customer support.

感謝您選購亞拓產品，為了讓您容易方便的使用 T-REX 600N V2 直昇機、請您詳細的閱讀完這本說明書之後再進行組裝以及操作這台直昇機，同時請您妥善的保存這本說明書、作為日後進行調整以及維修的參考。T-REX 600N V2 是由亞拓自行研發的新產品，不論你是需求飛行穩定性的初學者或是追求性能的飛行愛好者。T-REX 600N V2 將是你最佳的選擇。

THE MEANING OF SYMBOLS 標誌代表涵義

 WARNING 警告	Mishandling due to failure to follow these instructions may result in damage or injury. 因為疏忽這些操作說明，而使用錯誤可能造成財產損失或嚴重傷害。
 CAUTION 注意	Mishandling due to failure to follow these instructions may result in danger. 因為疏忽這些操作說明，而使用錯誤可能造成危險。
 FORBIDDEN 禁止	Do not attempt under any circumstances. 在任何禁止的環境下，請勿嘗試操作。

IMPORTANT NOTES 重要聲明

R/C helicopters, including the T-REX 600N V2 are not toys. R/C helicopter utilize various high-tech products and technologies to provide superior performance. Improper use of this product can result in serious injury or even death. Please read this manual carefully before using and make sure to be conscious of your own personal safety and the safety of others and your environment when operating all ALIGN products.

Manufacturer and seller assume no liability for the operation or the use of this product.

Intended for use only by adults with experience flying remote control helicopters at a legal flying field. After the sale of this product we cannot maintain any control over its operation or usage.

T-REX 600N V2 遙控直昇機並非玩具，它是結合了許多高科技產品所設計出來的休閒用品，所以商品的使用不當或不熟悉都可能造成嚴重傷害甚至死亡，使用之前請務必詳讀本說明書，勿輕忽並注意自身安全。注意!任何遙控直昇機的使用，製造商和經銷商是無法對使用者於零件使用的損耗異常或組裝不當所發生之意外負任何責任，本產品是提供給有操作過模型直昇機經驗的成人或有相當技術的人員在旁指導於當地合法遙控飛行場飛行，以確保安全無虞下操作使用，產品售出後本公司將不負任何操作和使用控制上的任何性能與安全責任。

We recommend that you obtain the assistance of an experienced pilot before attempting to fly our products for the first time. A local expert is the best way to properly assemble, setup, and fly your model for the first time. The T-REX 600N V2 requires a certain degree of skill to operate, and is a consumer item. Any damage or dissatisfaction as a result of accidents or modifications are not covered by any warrantee and cannot be returned for repair or Replacement. Please contact our distributors for free technical consultation and parts at discounted rates when you experience problems during operation or maintenance.

模型商品屬於需高操作技術且為消耗性之商品，如經拆裝使用後，會造成不等情況零件損耗，任何使用情況所造成商品不良或不滿意，將無法於保固條件內更換新品或退貨，如遇有使用操作維修問題，本公司全省分公司或代理商將提供技術指導、特價零件供應服務。



Fly only in safe areas, away from other people. Do not operate R/C aircraft within the vicinity of homes or crowds of people. R/C aircraft are prone to accidents, failures, and crashes due to a variety of reasons including, lack of maintenance, pilot error, and radio interference. Pilots are responsible for their actions and damage or injury occurring during the operation or as of a result of R/C aircraft models.

遙控模型飛機、直昇機屬高危險性商品，飛行時務必遠離人群，人為組裝不當或機件損壞、電子控制設備不良，以及操控上的不熟悉、都有可能導致飛行失控損傷等不可預期的意外，請飛行者務必注意飛行安全，並需了解自負疏忽所造成任何意外之責任。



LOCATE AN APPROPRIATE LOCATION 遠離障礙物及人群

R/C helicopters fly at high speed, thus posing a certain degree of potential danger. Choose an a legal flying field consisting of flat, smooth ground without obstacles. Do not fly near buildings, high voltage cables, or trees to ensure the safety of yourself, others and your model. For the first practice, please choose a legal flying field and can use a training skid to fly for reducing the damage. Do not fly your model in inclement weather, such as rain, wind, snow or darkness.

直昇機飛行時具有一定的速度，相對的也潛在著危險性，場地的選擇也相對的重要，請需遵守當地法規到合法搖控飛行場地飛行。必須注意周遭有沒有人、高樓、建築物、高壓電線、樹木等等，避免操控的不當造成自己與他人財產的損壞。初次練習時，務必選擇在空曠合法專屬飛行場地並適當搭配練習架練習飛行，這對飛行失誤所造成的損傷將會大幅的降低。請勿在下雨、打雷等惡劣天候下操作，以確保本身及機體的安全。



PREVENT MOISTURE 遠離潮濕環境

R/C models are composed of many precision electrical components.

It is critical to keep the model and associated equipment away from moisture and other contaminants. The introduction or exposure to water or moisture in any form can cause the model to malfunction resulting in loss of use, or a crash. Do not operate or expose to rain or moisture.

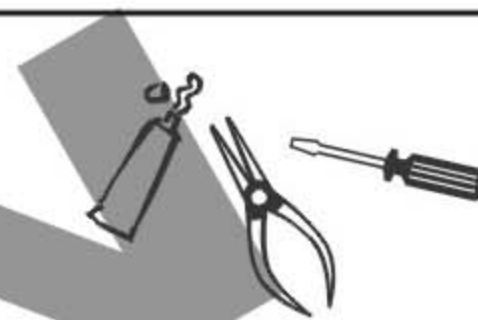
直昇機內部也是由許多精密的電子零組件組成，所以必須絕對的防止潮濕或水氣，避免在浴室或雨天時使用，防止水氣進入機身內部而導致機件及電子零件故障而引發不可預期的意外！



PROPER OPERATION 勿不當使用本產品

Please use the replacement of parts on the manual to ensure the safety of instructors. This product is for R/C model, so do not use for other purpose.

請勿自行改造加工，任何的升級改裝或維修，請使用亞拓產品目錄中的零件，以確保結構的安全。請確認於產品限界內操作，請勿過載使用，並勿用於安全、法令外其它非法用途。



OBTAIN THE ASSISTANCE OF AN EXPERIENCED PILOT 避免獨自操控

Before turning on your model and transmitter, check to make sure no one else is operating on the same frequency. Frequency interference can cause your model, or other models to crash. The guidance provided by an experienced pilot will be invaluable for the assembly, tuning, trimming, and actual first flight. (Recommend you to practice with computer-based flight simulator.)

至飛行場飛行前，需確認是否有相同頻率的好手正進行飛行，因為開啓相同頻率的發射機將導致自己與他人立即干擾等意外危險。遙控飛機操控技巧在學習初期有著一定的難度，要盡量避免獨自操作飛行，需有經驗的人士在旁指導，才可以操控飛行。（勤練電腦模擬器及老手指導是入門必要的選擇）



SAFE OPERATION 安全操作

Operate this unit within your ability. Do not fly under tired condition and improper operation may cause in danger.

請於自己能力內及需要一定技術範圍內操作這台直昇機，過於疲勞、精神不佳或不當操作，意外發生風險將可能會提高。



ALWAYS BE AWARE OF THE ROTATING BLADES 遠離運轉中零件

During the operation of the helicopter, the main rotor and tail rotor will be spinning at a high rate of speed. The blades are capable of inflicting serious bodily injury and damage to the environment. Be conscious of your actions, and careful to keep your face, eyes, hands, and loose clothing away from the blades. Always fly the model a safe distance from yourself and others, as well as surrounding objects. Never take your eyes off the model or leave it unattended while it is turned on. Immediately turn off the model and transmitter when you have landed the model.

當直昇機主旋翼與尾旋翼運轉時，切勿觸摸並遠離任何物件，以避免造成危險及損壞。



KEEP AWAY FROM HEAT 遠離熱源

R/C models are made up various forms of plastic. Plastic is very susceptible to damage or deformation due to extreme heat and cold climate. Make sure not to store the model near any source of heat such as an oven, or heater. It is best to store the model indoors, in a climate-controlled, room temperature environment.

遙控飛機多半是以 PA 纖維或聚乙烯、電子商品為主要材質，因此要盡量遠離熱源、日曬，以避免因高溫而變形甚至熔毀損壞的可能。

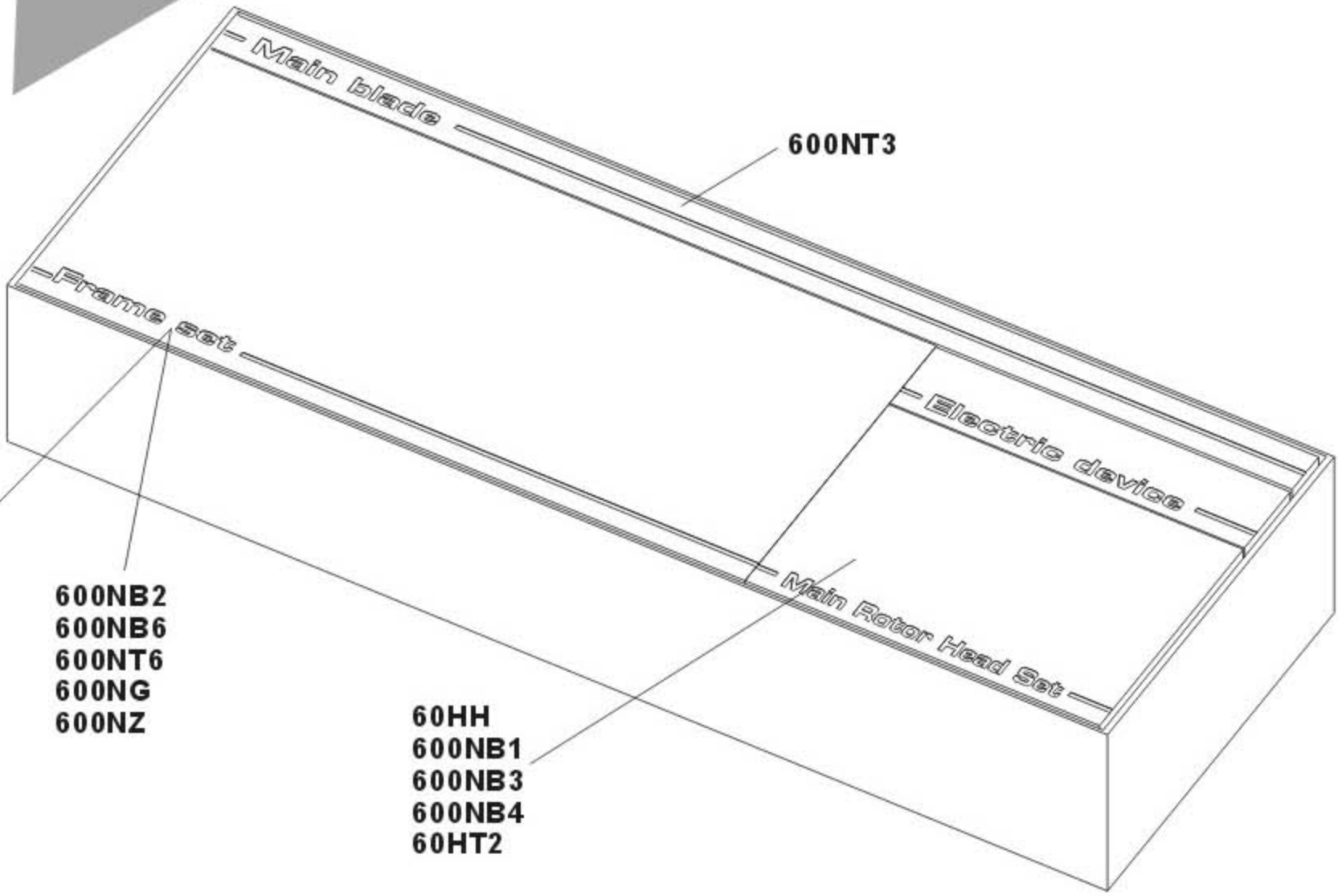


RADIO TRANSMITTER AND ELECTRONIC EQUIPMENT REQUIRED FOR ASSEMBLY 自備遙控及電子設備

 Transmitter (7-channel or more, helicopter system) 發射機(七動以上直昇機模式遙控器)	 Receiver(7-channel or more) 接收機(七動以上)	 Standard size throttle servo (minimum speed 0.10 sec/60°, torque 3kg.cm or higher) 油門用標準伺服器 x 1pc (速度:0.10秒/60度以內, 扭力:3kg.cm以上)	 Engine Starter x 1pc 啟動器 x 1	 Fuel Pump x 1pc 加油器 x 1
 Pitch Gauge x 1pc 螺距規 x 1	 Engine Fuel x 1pc 引擎燃油 x 1	 50 Muffler x 1pc 50高效加速管 x 1	 ALIGN 50 Engine ALIGN 50引擎	 DS610 Digital Servo x 3 DS610數位伺服器 x 3
 GP780 Head Lock Gyro Combo GP780鎖定式陀螺儀組 (GP780+DS620)	 2 In 1 Voltage Regulator Combo 二合一降壓器Combo	 RCE-G600 Governor RCE-G600定速器	 600D Carbon Fiber Blade 600D碳纖主旋翼	

ADDITIONAL TOOLS REQUIRED FOR ASSEMBLY 自備工具

 Scissors 剪刀	 Cutter Knife 刀子	 Diagonal Cutting Pliers 斜口鉗	 Needle Nose Pliers 尖嘴鉗
 Oil 潤滑油	 CA 瞬間膠	 Hexagon Screw Driver 六角螺絲起子 3mm/2.5mm/2mm/1.5mm	 Philips Screw Driver 十字螺絲起子 φ 3.0/ φ 1.8mm



CAREFULLY INSPECT BEFORE REAL FLIGHT 請嚴格執行飛行前檢查義務

- ☆ **Before flying, please check to make sure no one else is operating on the same frequency for the safety.**
 - ☆ **Before flight, please check if the batteries of transmitter and receiver are enough for the flight.**
 - ☆ **Before turn on the transmitter, please check if the throttle stick is in the lowest position. IDLE switch is OFF.**
 - ☆ **When turn off the unit, please follow the power on/off procedure. Power ON- Please turn on the transmitter first, and then turn on receiver. Power OFF- Please turn off the receiver first and then turn off the transmitter. Improper procedure may cause out of control, so please to have this correct habit.**
 - ☆ **Before operation, check every movement is smooth and directions are correct. Carefully inspect servos for interference and broken gear.**
 - ☆ **Check for missing or loose screws and nuts. See if there is any cracked and incomplete assembly of parts. Carefully check main rotor blades and rotor holders. Broken and premature failures of parts possibly cause resulting in a dangerous situation.**
 - ☆ **Check all ball links to avoid excess play and replace as needed. Failure to do so will result in poor flight stability.**
 - ☆ **Check the battery and power plug are fastened. Vibration and violent flight may cause the plug loose and result out of control.**
- ★ 每次飛行前應先確認所使用的頻率是否會干擾他人，以確保你自身與他人的安全。
- ★ 每次飛行前確定您發射機與接收機電池的電量是在足夠飛行的狀態。
- ★ 開機前確認油門搖桿是否位於最低點，熄火降落開關，定速開關(IDLE)是否於關閉位置。
- ★ 關機時必須遵守電源開關機的程序，開機時應先開啓發射機後，再開啓接收機電源；關機時應先關閉接收機後，再關閉發射機電源。不正確的開關程序可能會造失控的現象，影響自身與他人的安全，請養成正確的習慣。
- ★ 開機請先確定直昇機的各個動作是否順暢，及方向是否正確，並檢查伺服器的動作是否有干涉或崩齒的情形，使用故障的伺服器將導致不可預期的危險。
- ★ 飛行前確認沒有缺少或鬆脫的螺絲與螺帽，確認沒有組裝不完整或損毀的零件，仔細檢查主旋翼是否有損壞，特別是接近主旋翼夾座的部位。損壞或組裝不完整的零件不僅影響飛行，更會造成不可預期的危險。注意:對損耗、有裂痕零件更新及定期保養檢查的重要性。
- ★ 檢查所有的連桿頭是否有鬆脫的情形，過鬆的連桿頭應先更新，否則將造成直昇機無法操控的危險。
- ★ 確認電池及電源接頭是否固定牢靠，飛行中的震動或激烈的飛行，可能造成電源接頭鬆脫而造成失控的危險。

Standard Equipment 標準配備

 600NC	 600NB6	 600NB1	 600NB2	 600NB8	 600NB4
 600NT2	 600NT2	 600NZ	 60HH	 600NG	 600NT1

When you see the marks as below, please use glue or grease to ensure flying safety.

標有下符號之組裝步驟，請配合上膠或上油，以確保使用之可靠度。



CA: Apply CA Glue to fix.

R48: Apply Anaerobics Retainer to fix.

T43: Apply Thread Lock to fix.

OIL: Add Grease.

CA: 使用瞬間膠固定

R48: 使用金屬管狀固定缺氧膠固定

T43: 使用螺絲膠

OIL: 添加潤滑油

When assembling ball links, make sure the "A" character faces outside.

各項塑膠製連桿頭扣接時，A字請朝外。



Grease
潤滑油



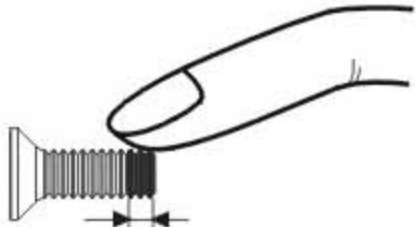
R48
綠色



T43
藍色



CA
瞬間膠(自備)



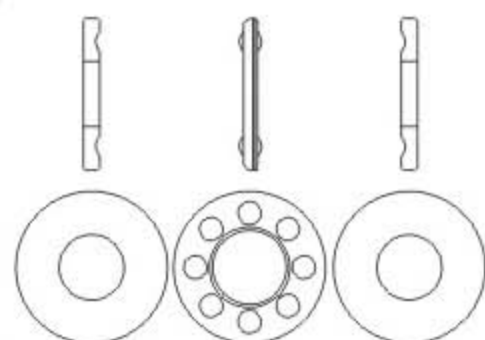
T43 Glue width: approx. 1mm
T43上膠寬度約1mm

R48 metal tubular adhesive (eg. Bearings). T43 thread lock, apply a small amount on screws or metal parts and wipe surplus off.

When disassembling, recommend to heat the metal joint about 15 Seconds.(NOTE: Keep plastic parts away from heat.)

R48 為強力金屬管狀(如軸承)接著劑，T43為螺絲膠，膠合螺絲或金屬內外徑請務必少量使用，必要時請用手去除多餘膠量，欲拆卸時可於金屬接合部位熱烤約15秒。(注意！塑膠件避免接近熱源)

60HH1



Thrust bearing
止推軸承(φ6xφ14x5mm) x 2



Spindle bearing spacer
橫軸軸承墊片(φ10xφ13.8x0.4mm) x 2



Bearing
軸承(φ8xφ14x4mm) x 4



Socket collar screw
圓頭內六角軸套螺絲(M3x6mm) x 4



Thrust bearing and washer for radial bearing are wear items, and thus should be inspected for replacement after every 20 flights. For flights with high headspeed, the inspection interval should be reduced to ensure flight safety.
止推軸承及橫軸墊圈屬於飛行消耗品，建議每20趟定期檢查及更換，高主旋翼轉速飛行時，請縮短定期檢查之趟數，以確保飛行安全。



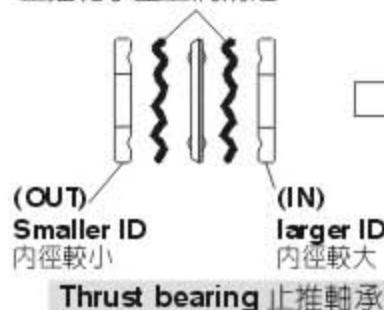
Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43 (螺絲膠)



Already assembled by Factory. Before flying, please check if the screws are fixed with glue.
原裝組裝完成品，每一次飛行前請先確認螺絲是否已上膠不會鬆動。



Apply grease on thrust bearing.
止推軸承塗上潤滑油



Metal main rotor holder
金屬主旋翼夾座

Obverse of bearing faces inside.
軸承面凹開口朝內

Thrust bearing
止推軸承
φ6xφ14x5mm

Spindle bearing spacer
橫軸軸承墊片
φ10xφ13.8x0.4mm

Metal main rotor holder
金屬主旋翼夾座

Bearing
軸承
φ8xφ14x4mm

Socket collar screw
圓頭內六角軸套螺絲
M3x6mm

Main Blade Grip Arm
主旋翼夾座臂

60HH1



Feathering shaft sleeve
橫軸支撐套(φ8xφ10x31mm) x 1



Damper rubber-red 60°
橫軸墊圈 紅色60° (φ7.9xφ13x6.5mm) x 2



Damper rubber-black 80°
橫軸墊圈 黑色80° (φ7.9xφ13x6.5mm) x 2



Spacer
橫軸套圈(φ8xφ11.5x1.3mm) x 2



Socket screw
圓頭內六角螺絲(M4x10mm) x 2



Washer
橫軸華司(φ4xφ12x1mm) x 2

Metal main rotor housing
金屬主旋翼固定座

Feathering shaft sleeve
橫軸支撐套
φ8xφ10x31mm

Damper rubber
橫軸墊圈(橡膠)
φ7.9xφ13x6.5mm

Apply grease
塗上潤滑油

Spacer(Copper)
橫軸套圈(銅)
φ8xφ11.5x1.3mm

Feathering shaft
橫軸
φ6xφ8x93.2mm

Pin
定位插梢
φ2x32mm

Washer
橫軸華司
φ4xφ12x1mm

Socket screw
圓頭內六角螺絲
M4x10mm



ALIGN logo on the top
字樣朝上

Feathering shaft sleeve
橫軸支撐套
φ8xφ10x31mm

Damper rubber-red 60° is suitable to general flight for beginners.
橫軸墊圈紅色60°適用於一般飛行，適合初階者使用
Damper rubber-black 80° is suitable to 3D flight for advanced users.
橫軸墊圈黑色80°適用於3D飛行，適合高階者使用

60HH1



60HH1A



Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

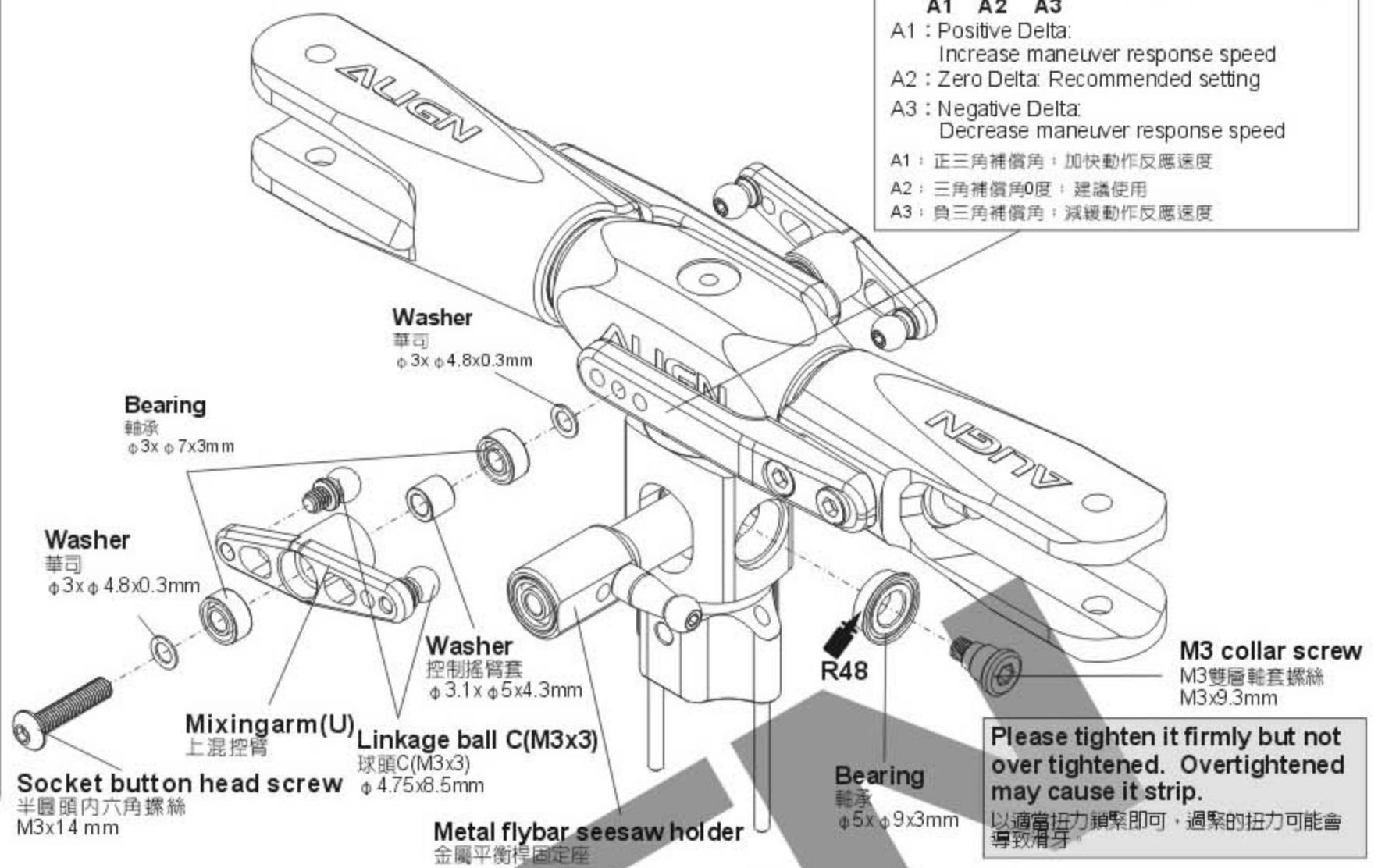
Main blade grip 主旋翼夾座臂



A1 A2 A3

A1 : Positive Delta:
Increase maneuver response speed
A2 : Zero Delta: Recommended setting
A3 : Negative Delta:
Decrease maneuver response speed

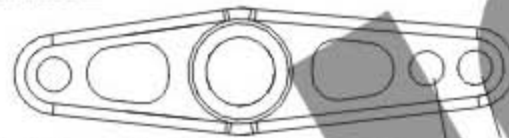
A1 : 正三角補償角: 加快動作反應速度
A2 : 三角補償角0度: 建議使用
A3 : 負三角補償角: 減緩動作反應速度



60HH2

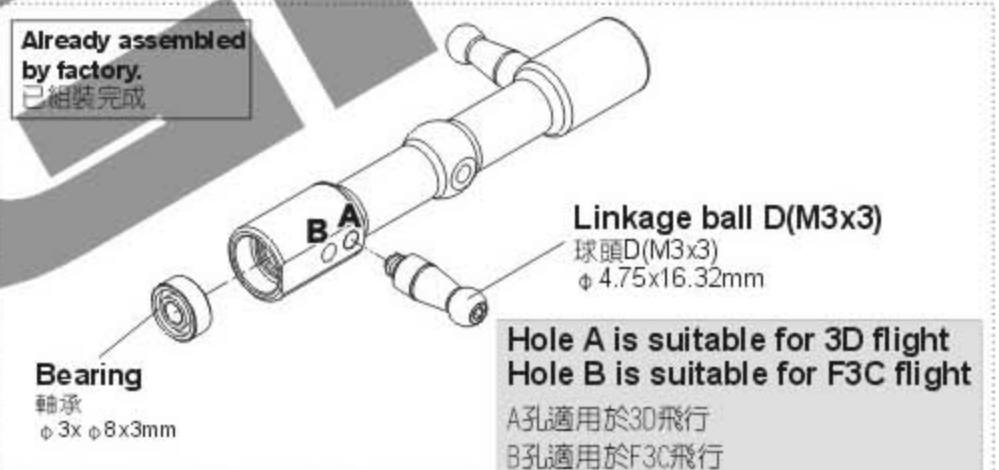


Mixingarm(U) 上混控臂孔位



Hole A is suitable for F3C flight
Hole B is suitable for 3D flight
A孔適用於F3C飛行
B孔適用於3D飛行

Already assembled by factory.
已組裝完成



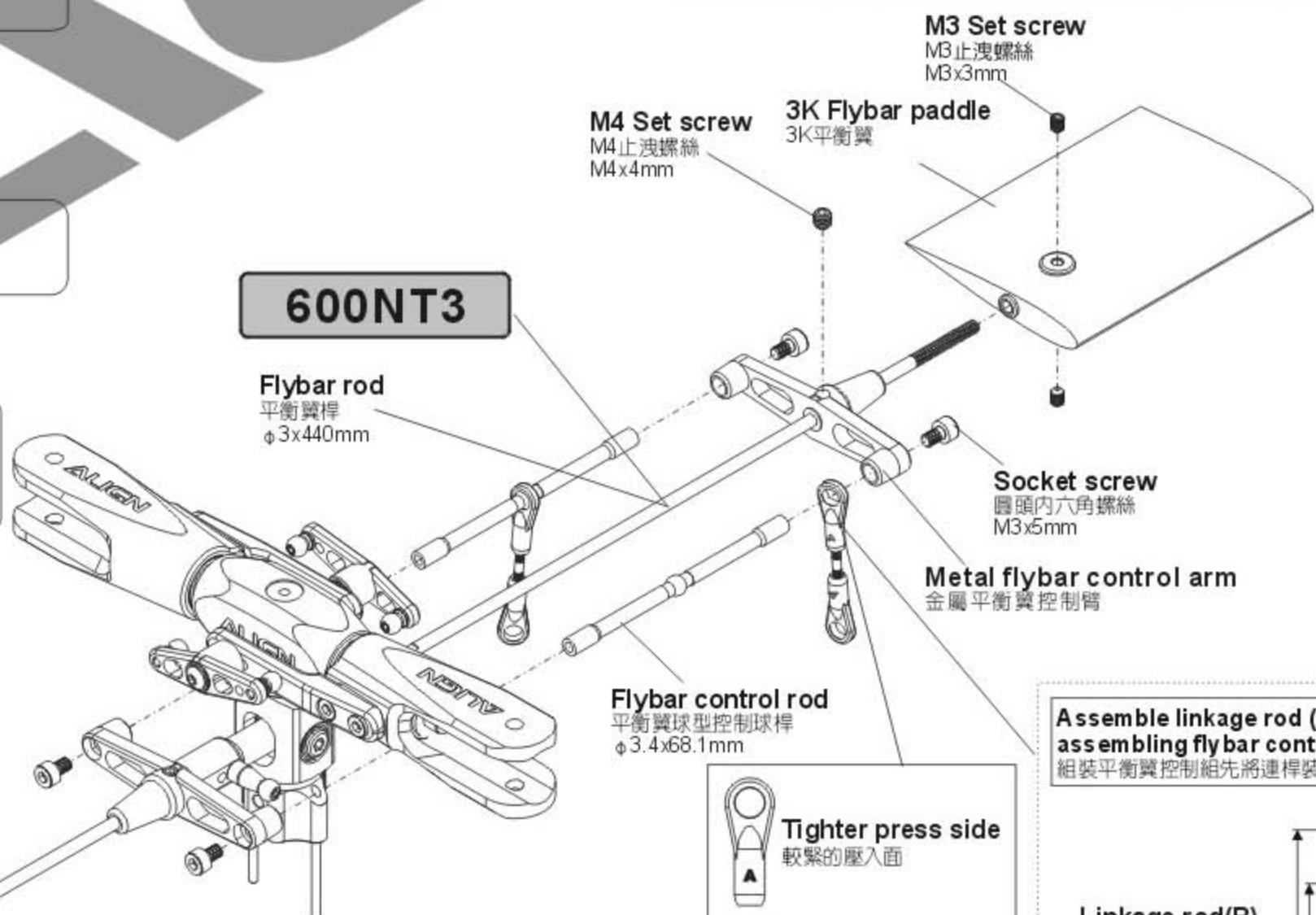
600NZ8



600NZ8A



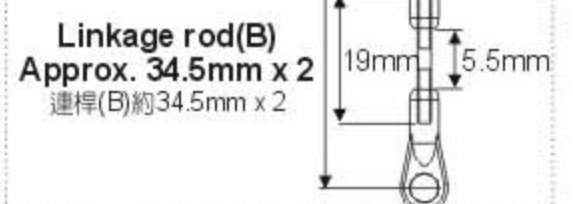
600NT3



Tighter press side
較緊的壓入面

Looser press side
較鬆的壓入面

Assemble linkage rod (B) before assembling flybar control set.
組裝平衡翼控制組先將連桿裝入。



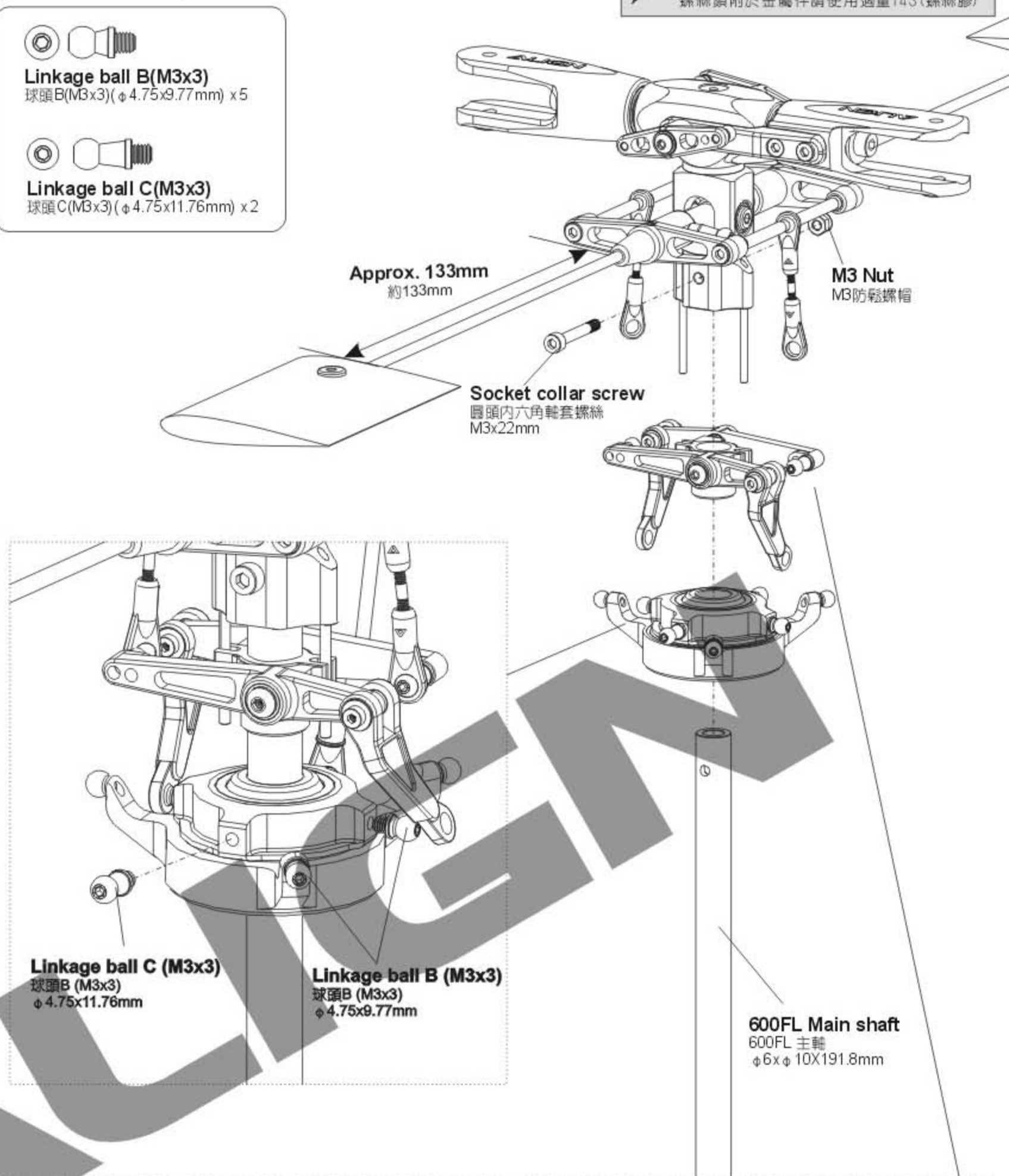
600NH12



60HH4

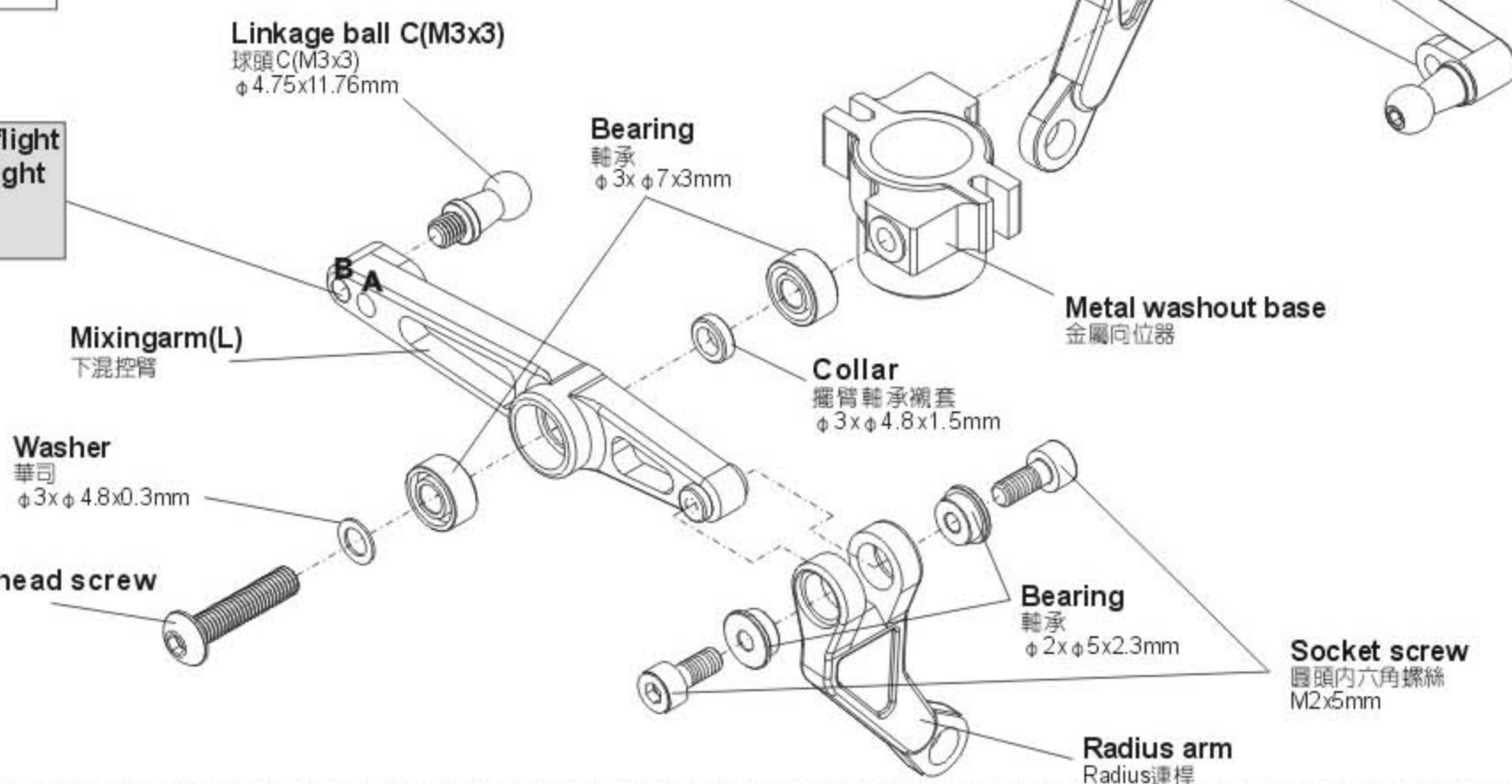


Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43 (螺絲膠)



Already assembled by factory.
Before flying, please check if the screws are fixed with glue.
原裝組裝完成品，每一次飛行前請先確認螺絲是否已上膠不會鬆動。

Hole A is suitable for F3C flight
Hole B is suitable for 3D flight
A孔適用於F3C飛行
B孔適用於3D飛行



600NZ8

- Linkage rod(A)
連桿(A) $\phi 1.96 \times 14 \text{mm} \times 2$
- Linkage rod(C)
連桿(C) $\phi 2.5 \times 71 \text{mm} \times 2$

Socket screw
圓頭內六角螺絲
M3x8mm

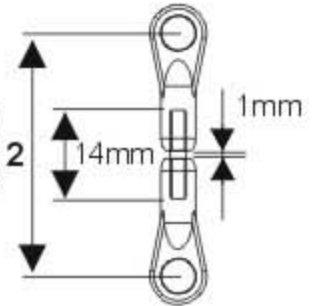
Metal head stopper
金屬旋翼頭制動器
 $\phi 38 \times 9.26 \text{mm}$

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

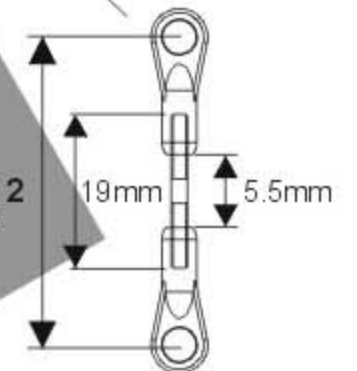
Mixingarm(U)
上混控臂

Mixingarm(L)
下混控臂

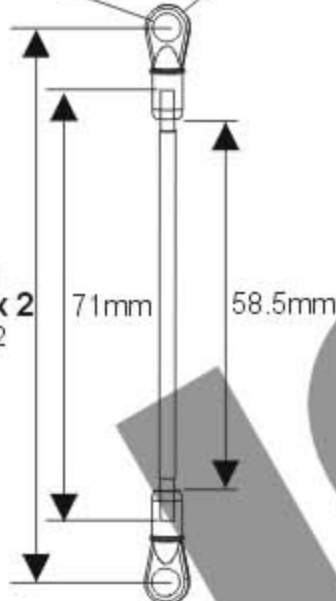
Linkage rod(A)
Approx. 30mm x 2
連桿(A)約30mm x 2



Linkage rod(B)
Approx. 34.5mm x 2
連桿(B)約34.5mm x 2



Linkage rod(C)
Approx. 87.5mm x 2
連桿(C)約87.5mm x 2



600NZ8A

Ball link For linkage rod(C)
連桿頭 x 4 連桿(C)專用

Ball link
連桿頭 x 8

60HH1A

Socket screw
圓頭內六角螺絲(M3x8mm) x 1

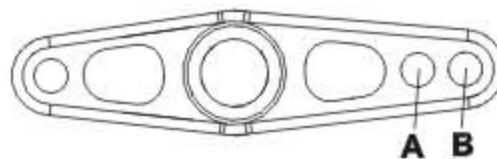
Effect of Adjustment Mounting Holes 調整孔位影響特性:

Main Blade Grip
主旋翼夾座臂



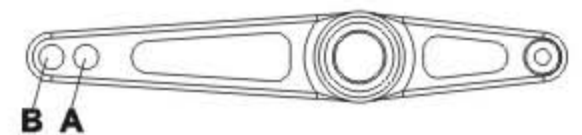
A1 : Positive Delta:
Increase maneuver response speed
A2 : Zero Delta: Recommended setting
A3 : Negative Delta:
Decrease maneuver response speed
A1 : 正三角補償角: 加快動作反應速度
A2 : 三角補償角0度: 建議使用
A3 : 負三角補償角: 減緩動作反應速度

Mixingarm(U)
上混控臂孔位

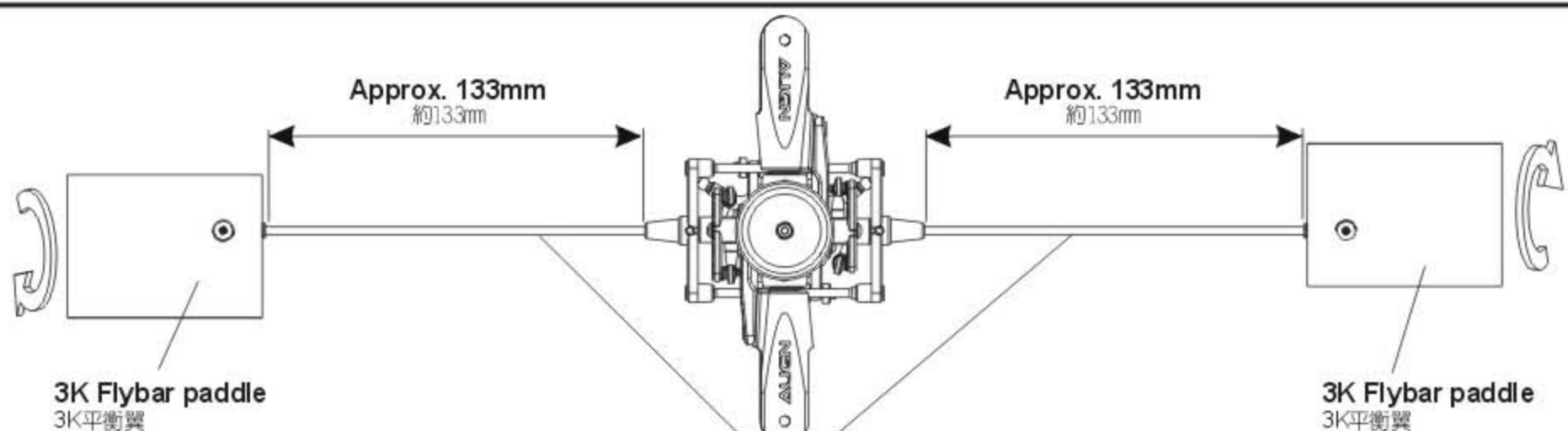


Hole A is suitable for F3C flight
Hole B is suitable for 3D flight
A孔適用於F3C飛行
B孔適用於3D飛行

Mixingarm(L)
下混控臂孔位



Hole A is suitable for F3C flight
Hole B is suitable for 3D flight
A孔適用於F3C飛行
B孔適用於3D飛行



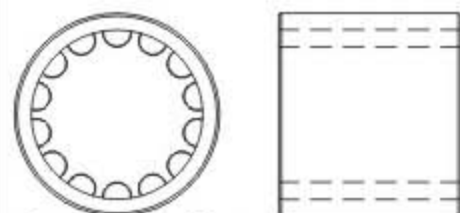
Make sure both sides are equal in length.
請保持平衡桿兩邊長度相等。

600NB8

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)



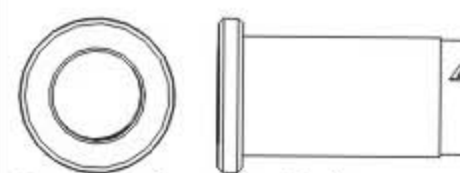
Bearing
軸承(φ12xφ18x4mm) x1



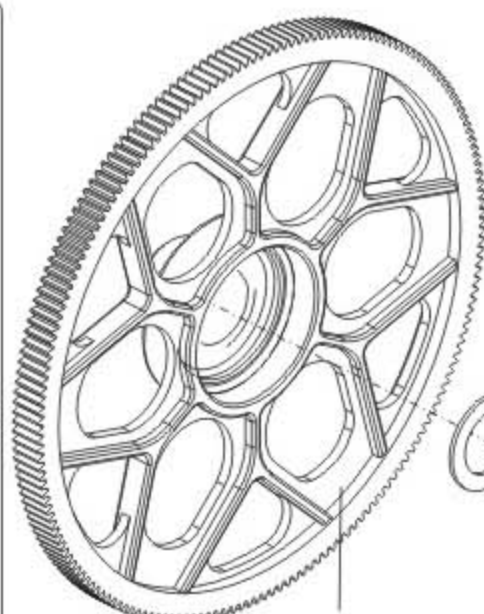
One-way bearing
單向軸承(φ12xφ18x16mm) x1



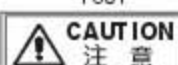
Washer
單向軸承華司(φ11.5xφ18x0.8mm) x1



One-way bearing shaft
單向軸承套(φ9xφ12x34.7mm)X1

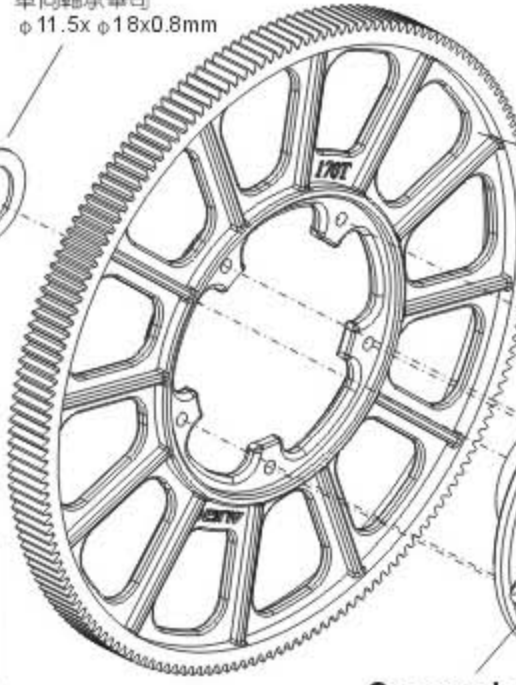


Autrotation tail drive gear
尾驅動主齒
180T



CAUTION
注意
Already assembled by factory.
Before flying, please check if
the screws are fixed with glue.
原裝組裝完成品，每一次飛行前請先確認
螺絲是否已上膠不會鬆動。

Washer
單向軸承華司
φ11.5xφ18x0.8mm



Main drive gear
主齒輪
170T

Main gear case
主齒中心座

Hex socket self tapping screw
圓頭內六角自攻螺絲
T3x7mm



Apply grease
塗上潤滑油

One-way bearing
單向軸承
φ12xφ18x16mm

Bearing
軸承
φ12xφ18x4mm

Already assembled by factory,
please note to check again.
已組裝完成，請務必自行再確認。

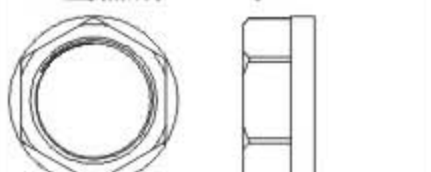
One-way bearing shaft
單向軸承套
φ9xφ12x34.7mm

Flat head self tapping screw
圓頭內六角自攻螺絲(T3x7mm)X5

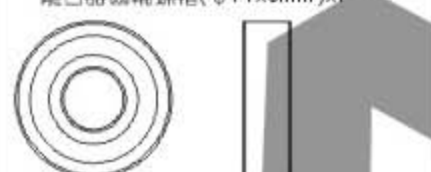
600NB4A



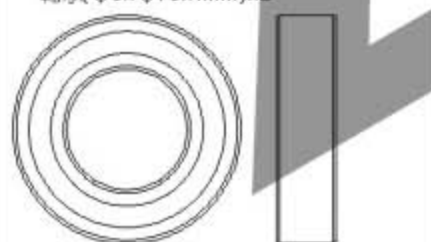
M4 Set screw
M4止洩螺絲(M4x4mm) x2



Clutch nut
離合器齒輪螺帽(φ14x6mm) x1



Bearing
軸承(φ5xφ13x4mm) x2



Bearing
軸承(φ10xφ19x5mm) x1

M4 Set screw
M4止洩螺絲
M4x4mm

Starter coupling
六角啟動頭
φ8xφ10x18mm

Bearing
軸承
φ5xφ13x4mm

Socket screw
圓頭內六角螺絲
M3x8mm

Clutch nut
離合器齒輪螺帽
φ14x6mm

M3 Nut
M3防鬆螺帽

Bearing
軸承
φ10xφ19x5mm

Clutch gear
離合器齒輪
φ15.4xφ7x31.5mm

Clutch bell
離合器鐘
φ44xφ47x20mm

Clutch bearing block
離合器軸承座

Clutch bearing block
離合器軸承座

Hex mounting bolt
六角鉚柱
φ5x49mm

600NB4B



Socket screw
圓頭內六角螺絲(M3x8mm) x 2



M3 Nut
M3防鬆螺帽 x 2

M3 Nut
M3防鬆螺帽

Socket screw
圓頭內六角螺絲
M3x8mm

Already assembled by factory,
please note to check again.
已組裝完成，請務必自行再確認。

Clutch liner
離合器來令片
0.8x9x136mm

Bearing
軸承
φ5xφ13x4mm

Clutch/Start shaft
啟動軸
φ7.5xφ10x70.5mm

600NB1F



Linkage ball A (M3x4)
球頭A (M3x4) (φ 4.75x8.68mm) x 1



Linkage ball B (M3x3)
球頭B (M3x3) (φ 4.75x9.77mm) x 1



Washer
華司 (φ 3x φ 4.8x0.3mm) x 2



Socket button head collar screw
半圓頭內六角軸套螺絲 (M3x8mm) x 4



Socket screw
圓頭內六角螺絲 (M3x10mm) x 4



Socket button head screw
半圓頭內六角螺絲 (M3x12mm) x 1



M3 Specialty washer
M3特殊華司 (φ 3x φ 8x2mm) x 14



Socket screw
圓頭內六角螺絲 (M3x8mm) x 10

600NB1G



Bearing
軸承 (φ 10x φ 19x5mm) x 2



Bearing
軸承 (φ 9x φ 17x5mm) x 1



Socket screw
圓頭內六角螺絲 (M3x14mm) x 2



Collar
尾控制臂鋁套 (φ 3x φ 4.4x3mm) x 1



M3 Set screw
M3止洩螺絲 (M3x15mm) x 2



Socket screw
圓頭內六角螺絲 (M2x6mm) x 8

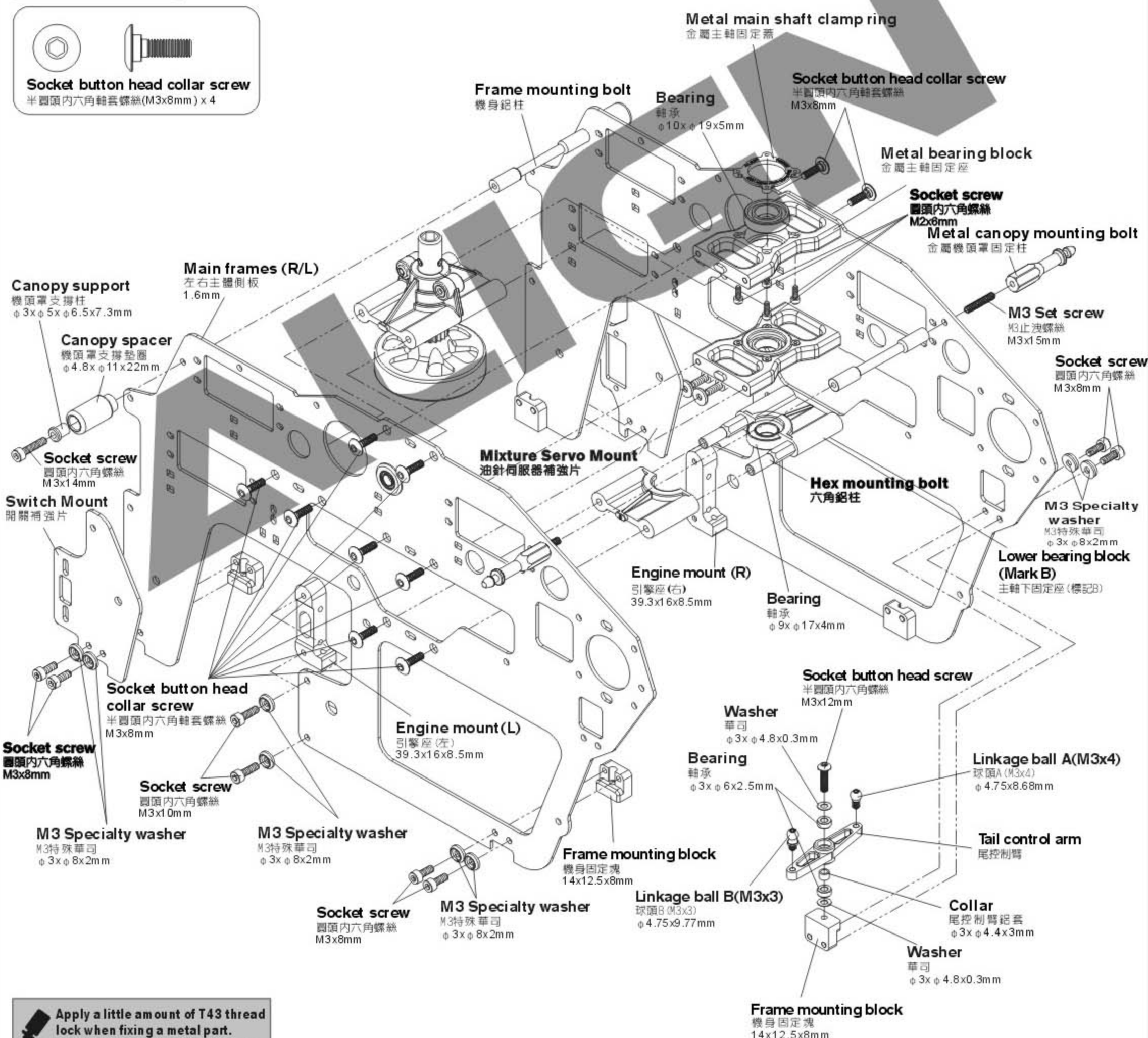


Socket button head collar screw
半圓頭內六角軸套螺絲 (M3x8mm) x 8

600NB4B



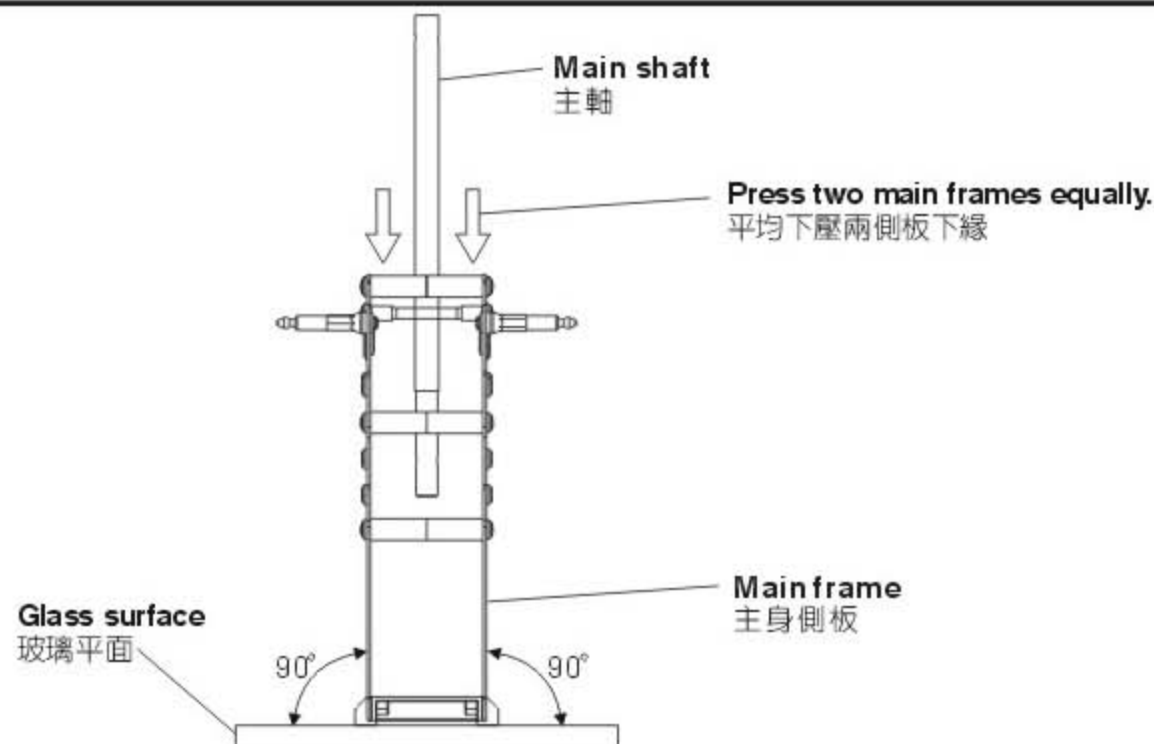
Socket button head collar screw
半圓頭內六角軸套螺絲 (M3x8mm) x 4



Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件時使用適量T43 (螺絲膠)

First do not fully tighten the screws of main frames and put three bearings through the main shaft to check if the movements are smooth. The bottom bracket must be firmly touched the level table top (glass surface); please keep the smooth movements on main shaft and level bottom bracket, then slowly tighten the screws. This assembly can help for the power and flight performance.

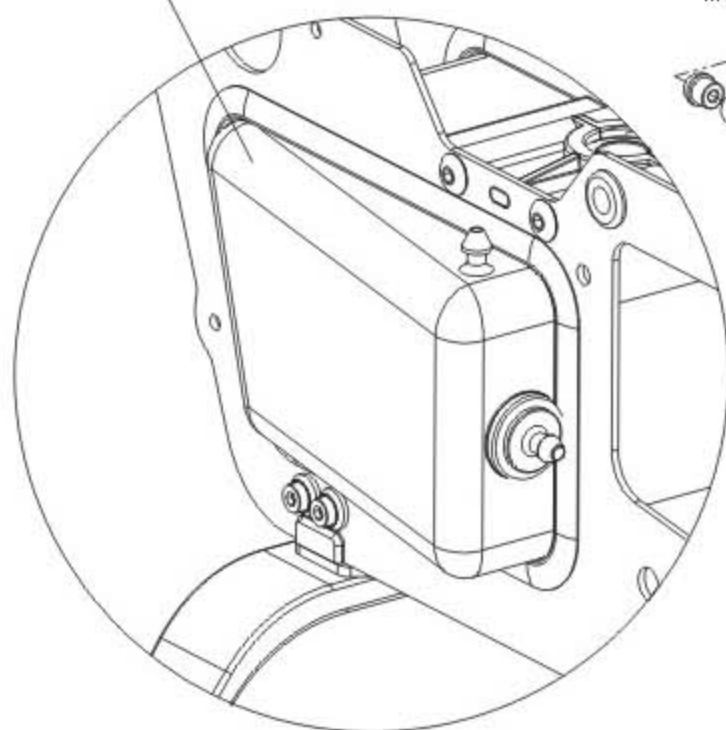
上緊。確認平鎖。慢慢承（玻璃後）軸面有顆面。三桌能穿水平性。貫水與板。軸與板。主須底與力。入必與力。放板順動。緊體軸裝。鎖主主組。點：全，持的。重完順保。立不滑請側。組先須：確。板絲必貼正。側螺動緊。身板移實。機側下踏螺。



600NG1



 **Apply a little amount of T43 thread lock when fixing a metal part.**
螺絲鎖附於金屬件請使用適量T43(螺絲膠)



600NB4A



Socket screw

圓頭內六角螺絲(M3x12mm) x 2



Socket head spring screw

圓頭內六角彈簧螺絲(M4x8mm) x 2



Socket button head screw

半圓頭內六角螺絲(M3x5mm) x 2



Socket button head screw

半圓頭內六角螺絲(M4x5mm) x 2

600NB4B



M3 Washer

M3華司(φ3xφ8x1mm) x 4



M3 Specialty washer

M3特殊華司(φ3xφ8x2mm) x 4



Socket screw

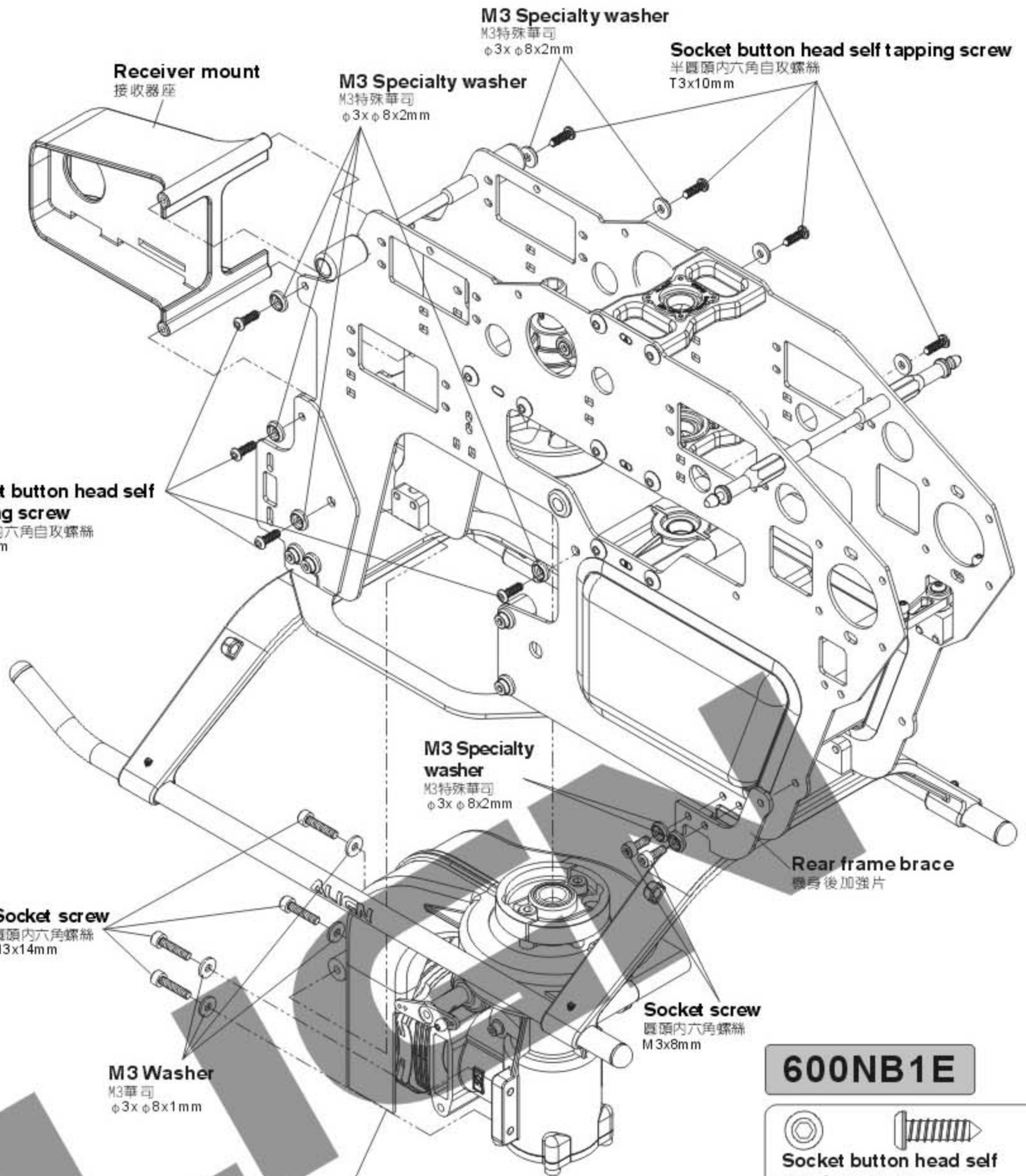
圓頭內六角螺絲(M3x14mm) x 4



Socket button head self tapping screw

半圓頭內六角自攻螺絲(T3x10mm) x 4

Socket button head self tapping screw
半圓頭內六角自攻螺絲
T3x10mm



600NB1E



Socket button head self tapping screw

半圓頭內六角自攻螺絲(T3x10mm) x 4

Socket head spring screw
圓頭內六角彈簧螺絲
M4x8mm

Engine fan mount
引擎風扇座

Socket screw
圓頭內六角螺絲
M3x12mm

Engine fan
引擎風扇

Washer(supplied with 50 engine)
50引擎隨附華司
φ9.5xφ14x1mm

Engine fan cover (R)
引擎風扇蓋(右)

Socket button head screw
半圓頭內六角螺絲
M3x5mm

Clutch
離合器
φ35xφ42x12mm

M6 Nut(supplied with 50 engine)
50引擎隨附M6螺帽

Engine fan cover (L)
引擎風扇蓋(左)

Magnet (Governor sensor)
定速感應磁鐵

Socket screw
圓頭內六角螺絲
M3x12mm

Socket button head screw
半圓頭內六角螺絲
M4x5mm

Hex mounting bolt
六角柱

Option equipment: 50Engine
另購品: 50引擎

Clutch
離合器
φ35xφ42x12mm

Engine fan
引擎風扇

Socket screw
圓頭內六角螺絲
M3x12mm

Washer(supplied with 50 engine)
50引擎隨附華司
φ9.5xφ14x1mm

Mount the engine fan mount on the washer.
引擎風扇座貼於華司面。

Option equipment: 50Engine
另購品: 50引擎

After install the engine into the model, please loosen the fixing screw and adjust the carburetor and the engine are at an angle of 90°(Vertical).

引擎裝入機體後請鬆開固定螺絲將化油器調成與引擎垂直。

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

Recommend sanding the marked position as below illustration with a waterproof abrasive paper(#800-1000) to avoid the wires of electric parts to be cut.

建議於下圖色塊標示處，使用#800-1000水砂紙打磨，可防止電子設備電線被割破。

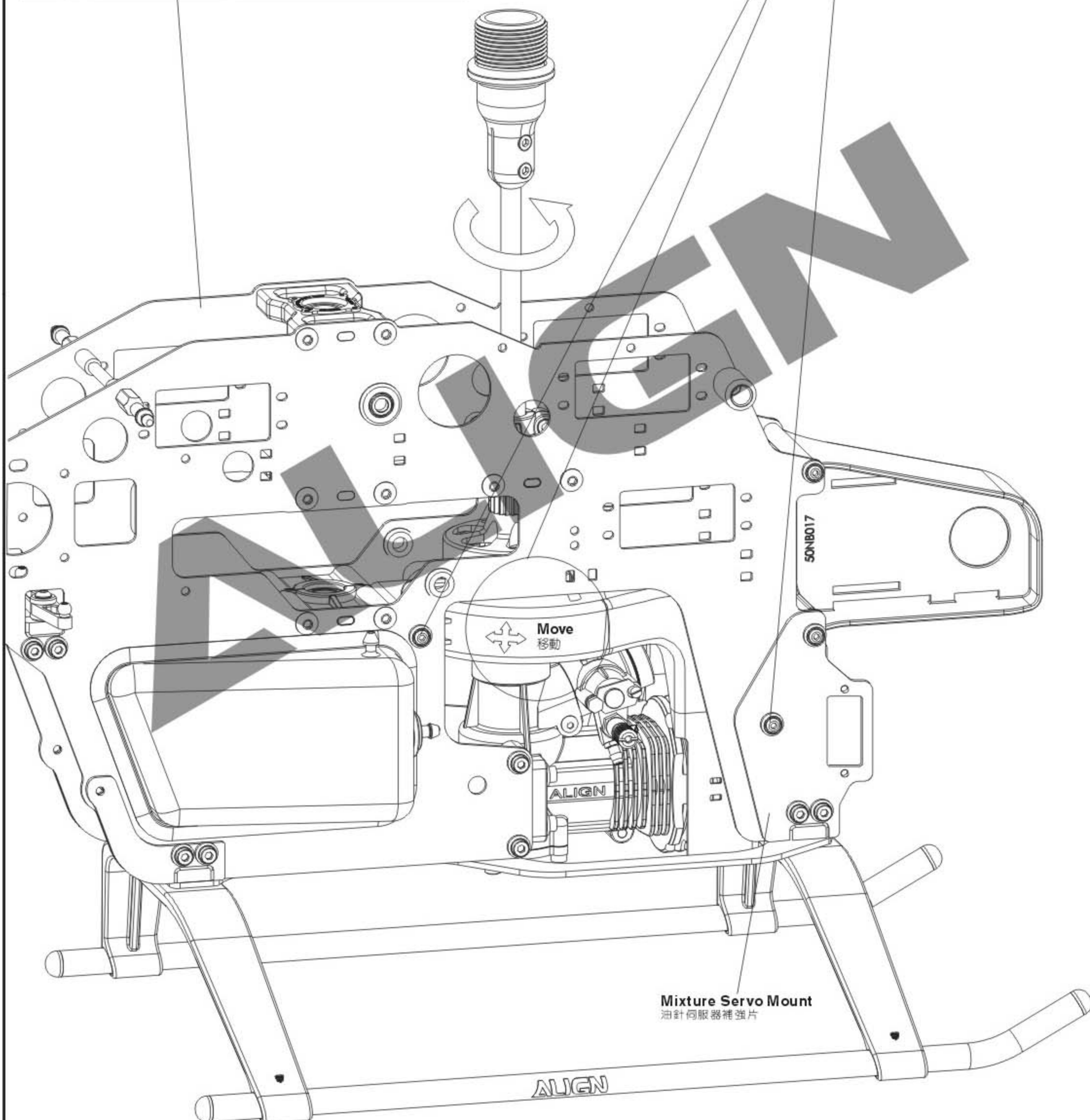
Waterproof abrasive paper
水砂紙

Fan cover fixing Tip

風扇罩固定要領

Before fixing the engine fan cover, please use a starter to rotate the fan and move the fan cover. This is to make sure no any interference, and then secure the fan cover with a fixing screw.

鎖緊固定引擎散熱風罩前，請先使用啟動棒轉動風扇，並移動風扇罩，確認在風扇無碰觸風扇罩後才鎖緊風扇罩固定螺絲。



Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

600NB1H



Linkage ball A (M3x4)
球頭A (M3x4) (φ4.75x8.68mm) x 8



Washer
華司 (φ5xφ7x0.5mm) x 2



Washer
華司 (φ3xφ5.5x0.3mm) x 2



Washer
華司 (φ5xφ7x0.2mm) x 2



Socket button head screw
半圓頭內六角螺絲 (M3x6mm) x 2



Socket screw
圓頭內六角螺絲 (M2.5x8mm) x 1



Elevator ball link
升降臂連桿頭 x 1

600NB1G



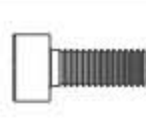
Bearing
軸承 (φ5xφ9x3mm) x 4



Bearing
軸承 (φ3xφ7x3mm) x 2



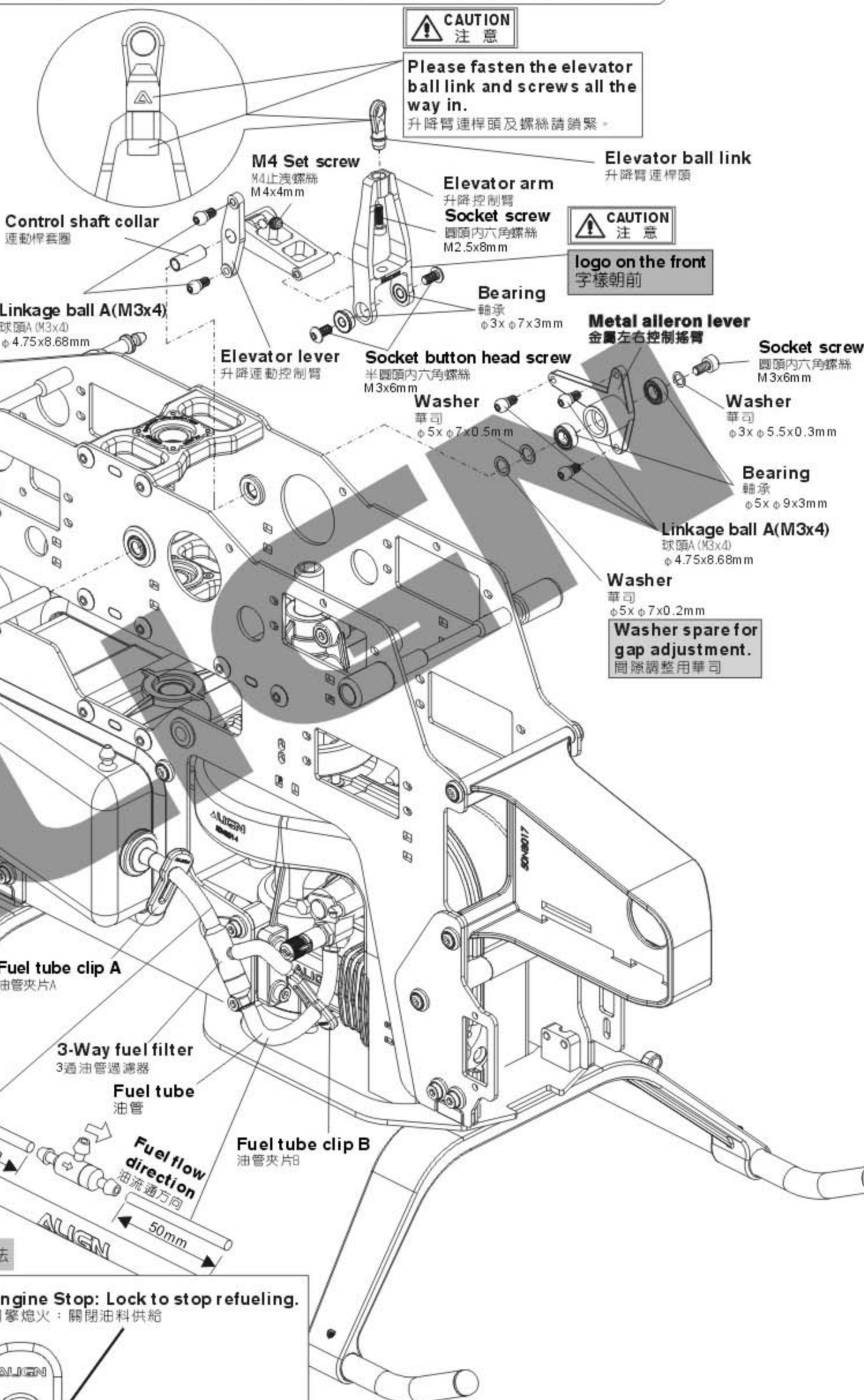
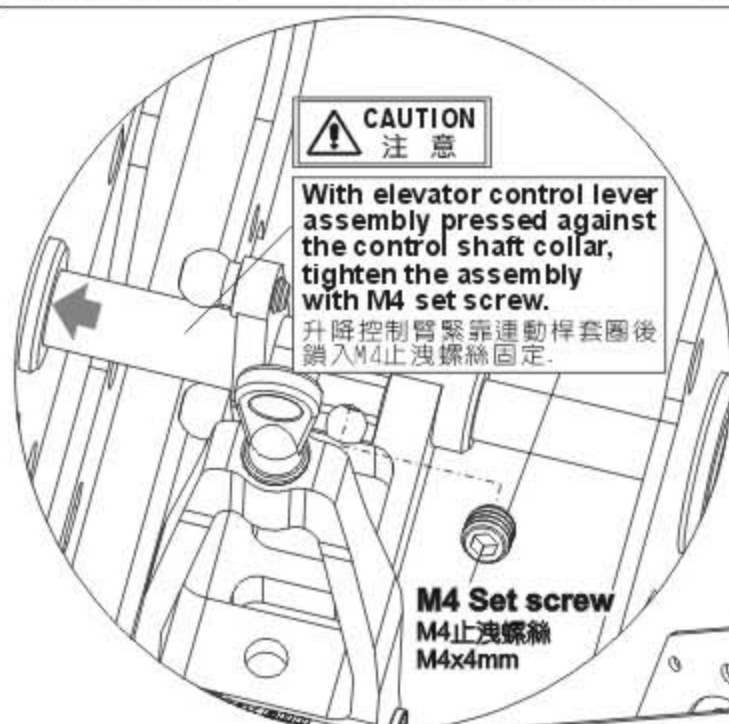
Socket screw
圓頭內六角螺絲 (M3x6mm) x 2



M4 Set screw
M4止洩螺絲 (M4x4mm) x 1



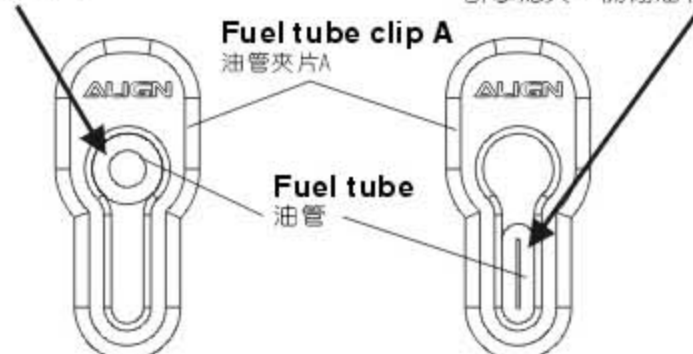
Control shaft collar
連動桿套圈 (φ5xφ6.3x14.5mm) x 1



FUEL TUBE CLIP ILLUSTRATION 油管夾片使用方法

Engine start: Unlock to refuel.
引擎啟動：開啟油料供給

Engine Stop: Lock to stop refueling.
引擎熄火：關閉油料供給



Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件時使用適量T43 (螺絲膠)

600NZ6



3G/3GX Flybarless system uses inner hole(A)
Flybar system uses outer hole(B)
3G/3GX無平衡翼系統使用內孔(A)
有平衡翼系統使用外孔(B)

Use the outer hole
請鎖附於外孔



600NZ8A



600NZ8



Socket button head self tapping screw
半圓頭內六角自攻螺絲 T3x14mm

Option equipment
另購品
DS610 Servo
伺服器

3K CF servo plate
3K碳纖伺服器壓片

M2 Nut
M2螺帽

Servo
伺服器

M2 Nut
M2螺帽

Linkage ball A (M2x3.5)
球頭A (M2x3.5)
φ4.75x8.18mm

Linkage rod (C)
Approx. 64mm x 1
連桿(C) 約64mm x 1



Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

DS610 Digital Servo:

1. Stall torque/輸出扭力: 9.6kg. cm (4.8V)
12.0kg. cm (6.0V)
2. Motion speed/動作速度: 0.10sec/60° (4.8V)
0.08sec/60° (6.0V)
3. Dimension/尺寸: 40.3 x 20.1 x 36mm
4. Weight/重量: 52.2g

Option equipment
另購品

DS610 Servo
伺服器

Servo horn
伺服器舵角片

Linkage ball A (M2x3.5)
球頭A (M2x3.5)
φ4.75x8.18mm

Plastic servo nut
伺服器塑膠螺帽

Socket button head self tapping screw
半圓頭內六角自攻螺絲 T3X14mm

3K CF servo plate
3K碳纖伺服器壓片

600NZ8

Linkage rod(G)
連桿(G) $\phi 2 \times 61\text{mm} \times 4$

Linkage rod(E)
連桿(E) $\phi 2 \times 32\text{mm} \times 2$

600NZ8A

Ball link
連桿頭 $\times 12$

600NZ6

Linkage ball A(M2x3.5)
球頭A(M2x3.5) ($\phi 4.75 \times 8.18\text{mm}$) $\times 3$

Socket button head self tapping screw
半圓頭內六角自攻螺絲(T3X14mm) $\times 8$

M2 Nut
M2螺帽 $\times 3$

CAUTION
注意

3G/3GX Flybarless system uses inner hole(A)
Flybar system uses outer hole(B)
3G/3GX 無平衡翼系統使用內孔(A)
有平衡翼系統使用外孔(B)

Use the outer hole
請鎖附於外孔

Carbon Fiber Tube
碳纖維管

Option equipment
另購品

DS610 Servo
伺服器

Servo horn
伺服器舵角片

Nut
M2螺帽

Linkage ball A(M2x3.5)
球頭A(M2x3.5)
 $\phi 4.75 \times 8.18\text{mm}$

Option equipment
另購品

Tail Servo
尾舵伺服器

DS620 Digital Servo:

1. 1520 μs standard band / 1520 μs 寬頻系統
2. Stall torque/輸出扭力: 8.0kg.cm(4.8V)
10.0kg.cm(6.0V)
3. Motion speed/動作速度: 0.09sec/60° (4.8V)
0.07sec/60° (6.0V)
4. Dimension/尺寸: 40.3 x 20.1 x 36mm
5. Weight/重量: 52.2g

600NZ8

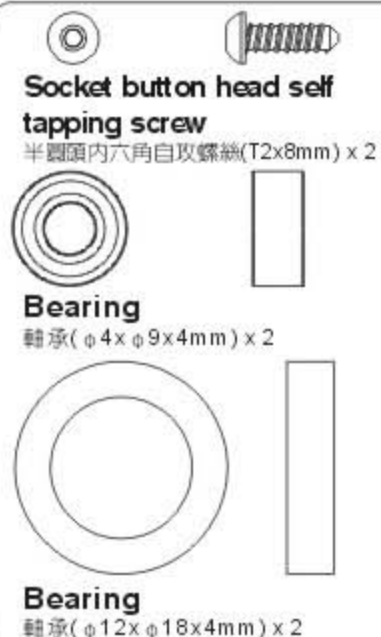
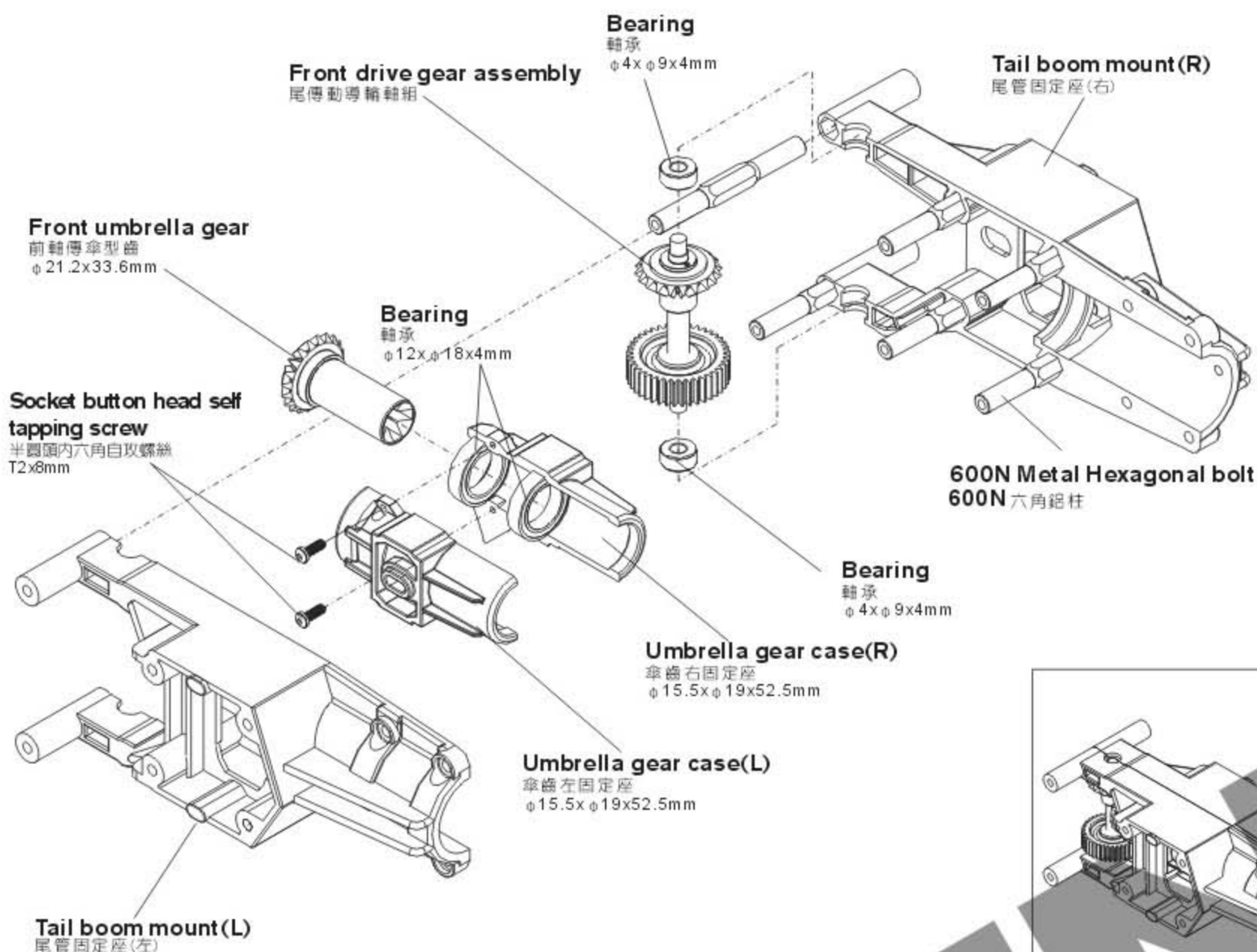
Linkage rod(G)
連桿(G) $\phi 2 \times 80\text{mm} \times 4$

Keep parallel
保持平行

Fuel tube cap
油管保護套

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

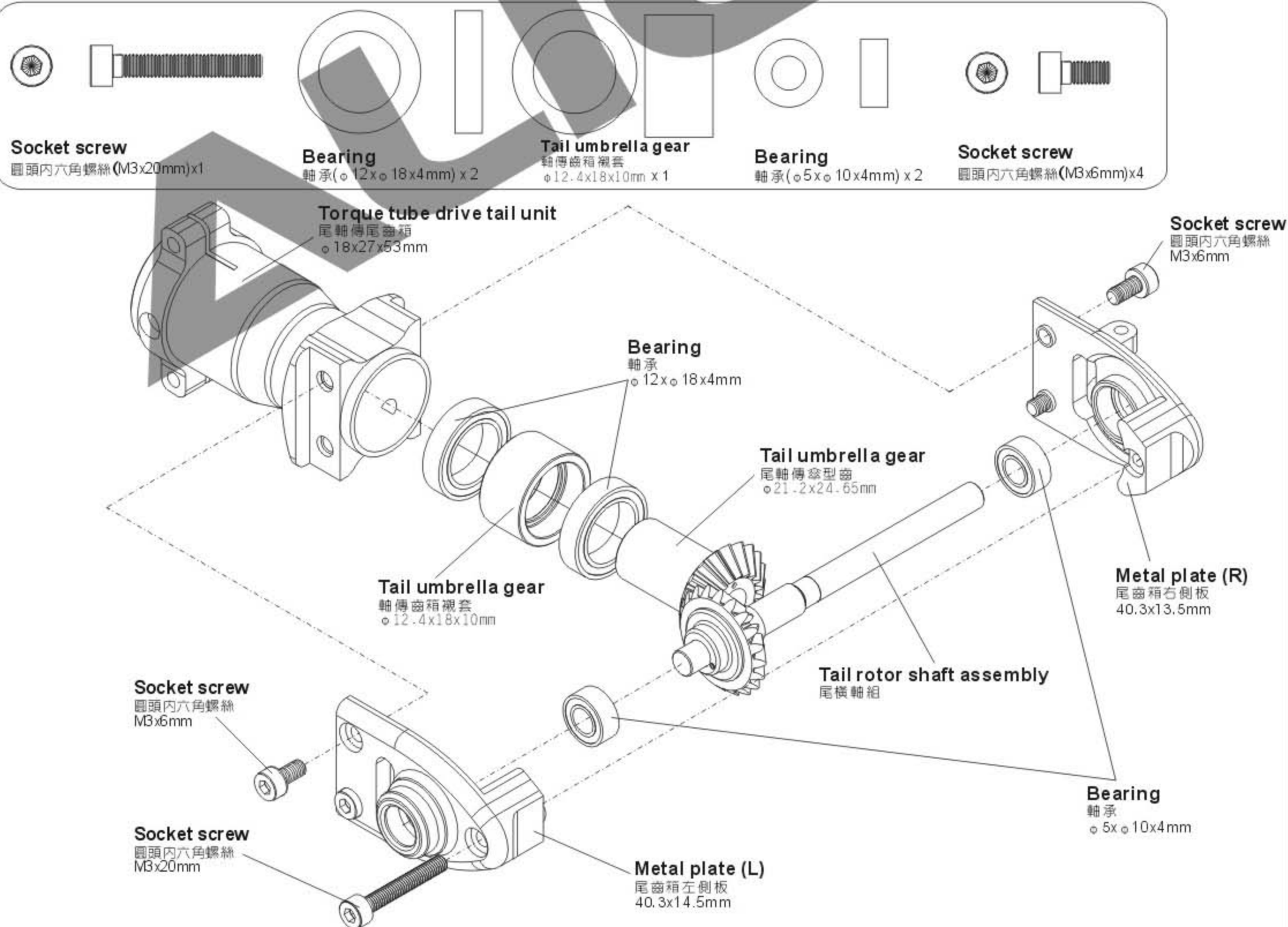
600NT1



Already assembled by Factory.
Before flying, please check if
the screws are fixed with glue.
原裝組裝完成品，每一次飛行前請
先確認螺絲是否已上膠不會鬆動。

60HT2

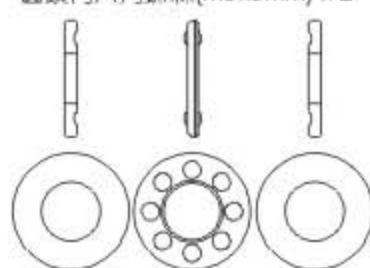
Apply a little amount of T43 thread
lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)



60HT2

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

Socket screw
圓頭內六角螺絲(M3x8mm) x 2



Thrust bearing
止推軸承(φ5xφ10x4mm) x 2



Bearing
軸承(φ5xφ10x4mm) x 2



Washer
華司(φ3xφ8x1mm) x 2



M4 Set screw
M4止洩螺絲(M4x4mm) x 1

Linkage ball A
球頭A(M2x3.5)(φ4.75x8.18mm) x 1



Socket collar screw
圓頭內六角軸套螺絲(M3x15mm) x 1



Washer
華司(φ3xφ4.8x0.3mm) x 2



Bearing
軸承(φ3xφ6x2.5mm) x 2



Collar
尾旋翼控制臂鋁套(φ3xφ4.9x5mm) x 1



Tail pitch bell crank sleeve
尾旋翼控制球頭套(φ7.6xφ4.7x6.2mm) x 1

Collar screw
軸套螺絲(M2x8mm)(牙長3mm) x 2



Collar screw
軸套螺絲(M2x8mm)(牙長4.3mm) x 2

Collar A
尾連桿頭銅套A(φ2xφ3x4mm) x 2



Linkage ball A
球頭A(M2x2.5)(φ4.75x7.18mm) x 1



Collar
尾控制軸套襯墊(φ7xφ8.3x3.5mm) x 1



Bearing
軸承(φ7xφ11x3mm) x 2



Slide shaft
尾軸滑套(φ8xφ7x17.6mm)x1

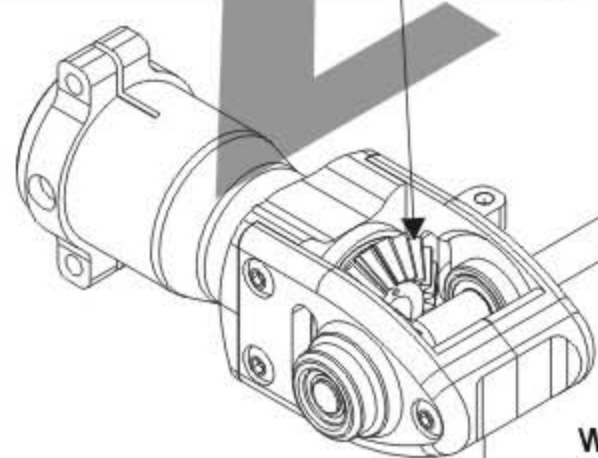
Please tighten M2x8mm collar screw firmly but not over tightened. Over tighten the screw will cause the installation of tail rotor shaft unsmoothly.
鎖附M2x8mm軸套螺絲請使用適當力道，過度鎖緊會造成尾旋翼軸組入不順。

CAUTION
注意

While assembly the slide shaft, please use suitable amount of T43 on the thread. Please do not use R48 anaerobics retainer or other high strength glue to avoid damages while maintenance or repairs.
組立尾軸滑套時，請使用適量的T43螺絲膠在螺牙上，嚴禁使用R48高膠合性軸承膠防止膠合過緊，以避免日後拆修維護零件之損傷。

Aim tail rotor hub at the concave of tail rotor shaft and fix it, please apply a little glue on the set screw.
尾旋翼T型座瞄準尾橫軸的凹刻並鎖上，請確認止洩螺絲上膠。

Assembling Umbrella Gear: Please note to push the gear to the end at a fixed position, to make sure the gears mesh with each other smoothly.
傘齒組裝：注意務必前推到底定位，以避免齒咬合不順暢。



Slide shaft
尾軸滑套

Bearing
軸承(φ7xφ11x3mm)

Linkage ball A(M2x2.5)
球頭A(M2x2.5)φ4.75x7.18mm

Washer
華司(φ3xφ4.8x0.3mm)

Collar
尾旋翼控制臂鋁套(φ3xφ4.9x5mm)

Tail pitch bell crank sleeve
尾旋翼控制球頭套(φ7.6xφ4.7x6.2mm)

Bearing
軸承(φ3xφ6x2.5mm)

Washer
華司(φ3xφ4.8x0.3mm)

Socket collar screw
圓頭內六角軸套螺絲(M3x15mm)

Linkage ball A(M2x3.5)
球頭A(M2x3.5)

Metal tail control arm
金屬尾旋翼控制臂

Collar screw
軸套螺絲(牙長4.3mm) M2x8mm

Collar A
尾連桿頭銅套A(φ2xφ3x4mm)

Control link
尾控制連桿頭

Collar
尾控制軸套襯墊

Bearing
軸承(φ7xφ11x3mm)

Bearing holder
尾旋翼控制軸承套

T type arm
尾旋翼控制組T型臂

Collar screw
軸套螺絲-銀(牙長3mm) M2x8mm

M4 Set screw
M4止洩螺絲 M4x4mm

Bearing
軸承(φ5xφ10x4mm)

Tail rotor hub
尾旋翼T型座(φ10x39mm)

Tail rotor holder
尾旋翼夾座

Thrust bearing
止推軸承(φ5xφ10x4mm)

CAUTION
注意

Apply grease on thrust bearing.
止推軸承塗上潤滑油

(OUT) Smaller ID 內徑較小
(IN) larger ID 內徑較大

Tail rotor holder 尾旋翼夾座

Thrust bearing 止推軸承

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

After complete the tail rotor assembly, please check if it rotates smoothly.
尾旋翼組裝完成後需確認尾旋翼夾座轉動滑順。

60HT2A

Socket collar screw
圓頭內六角軸套螺絲(M3x16mm) x 2

M3 Nut
M3防鬆螺帽 x 2

CF Tail blade
碳纖維尾旋翼

Socket collar screw
圓頭內六角軸套螺絲 M3x16mm

Socket screw
圓頭內六角螺絲 M3x8mm

Washer
華司(φ3xφ8x1mm)

CAUTION
注意

Apply grease on thrust bearing.
止推軸承塗上潤滑油

(OUT) Smaller ID 內徑較小
(IN) larger ID 內徑較大

Tail rotor holder 尾旋翼夾座

Thrust bearing 止推軸承

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

After complete the tail rotor assembly, please check if it rotates smoothly.
尾旋翼組裝完成後需確認尾旋翼夾座轉動滑順。

60HT2A

Socket collar screw
圓頭內六角軸套螺絲(M3x16mm) x 2

M3 Nut
M3防鬆螺帽 x 2

CF Tail blade
碳纖維尾旋翼

Socket collar screw
圓頭內六角軸套螺絲 M3x16mm

Socket screw
圓頭內六角螺絲 M3x8mm

Washer
華司(φ3xφ8x1mm)

CAUTION
注意

Apply grease on thrust bearing.
止推軸承塗上潤滑油

(OUT) Smaller ID 內徑較小
(IN) larger ID 內徑較大

Tail rotor holder 尾旋翼夾座

Thrust bearing 止推軸承

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

After complete the tail rotor assembly, please check if it rotates smoothly.
尾旋翼組裝完成後需確認尾旋翼夾座轉動滑順。

60HT2A

Socket collar screw
圓頭內六角軸套螺絲(M3x16mm) x 2

M3 Nut
M3防鬆螺帽 x 2

CF Tail blade
碳纖維尾旋翼

Socket collar screw
圓頭內六角軸套螺絲 M3x16mm

Socket screw
圓頭內六角螺絲 M3x8mm

Washer
華司(φ3xφ8x1mm)

CAUTION
注意

Apply grease on thrust bearing.
止推軸承塗上潤滑油

(OUT) Smaller ID 內徑較小
(IN) larger ID 內徑較大

Tail rotor holder 尾旋翼夾座

Thrust bearing 止推軸承

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

After complete the tail rotor assembly, please check if it rotates smoothly.
尾旋翼組裝完成後需確認尾旋翼夾座轉動滑順。

60HT2A

Socket collar screw
圓頭內六角軸套螺絲(M3x16mm) x 2

M3 Nut
M3防鬆螺帽 x 2

CF Tail blade
碳纖維尾旋翼

Socket collar screw
圓頭內六角軸套螺絲 M3x16mm

Socket screw
圓頭內六角螺絲 M3x8mm

Washer
華司(φ3xφ8x1mm)

CAUTION
注意

Apply grease on thrust bearing.
止推軸承塗上潤滑油

(OUT) Smaller ID 內徑較小
(IN) larger ID 內徑較大

Tail rotor holder 尾旋翼夾座

Thrust bearing 止推軸承

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

After complete the tail rotor assembly, please check if it rotates smoothly.
尾旋翼組裝完成後需確認尾旋翼夾座轉動滑順。

60HT2A

Socket collar screw
圓頭內六角軸套螺絲(M3x16mm) x 2

M3 Nut
M3防鬆螺帽 x 2

CF Tail blade
碳纖維尾旋翼

Socket collar screw
圓頭內六角軸套螺絲 M3x16mm

Socket screw
圓頭內六角螺絲 M3x8mm

Washer
華司(φ3xφ8x1mm)

CAUTION
注意

Apply grease on thrust bearing.
止推軸承塗上潤滑油

(OUT) Smaller ID 內徑較小
(IN) larger ID 內徑較大

Tail rotor holder 尾旋翼夾座

Thrust bearing 止推軸承

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

After complete the tail rotor assembly, please check if it rotates smoothly.
尾旋翼組裝完成後需確認尾旋翼夾座轉動滑順。

60HT2A

Socket collar screw
圓頭內六角軸套螺絲(M3x16mm) x 2

M3 Nut
M3防鬆螺帽 x 2

CF Tail blade
碳纖維尾旋翼

Socket collar screw
圓頭內六角軸套螺絲 M3x16mm

Socket screw
圓頭內六角螺絲 M3x8mm

Washer
華司(φ3xφ8x1mm)

CAUTION
注意

Apply grease on thrust bearing.
止推軸承塗上潤滑油

(OUT) Smaller ID 內徑較小
(IN) larger ID 內徑較大

Tail rotor holder 尾旋翼夾座

Thrust bearing 止推軸承

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

After complete the tail rotor assembly, please check if it rotates smoothly.
尾旋翼組裝完成後需確認尾旋翼夾座轉動滑順。

60HT2A

Socket collar screw
圓頭內六角軸套螺絲(M3x16mm) x 2

M3 Nut
M3防鬆螺帽 x 2

CF Tail blade
碳纖維尾旋翼

Socket collar screw
圓頭內六角軸套螺絲 M3x16mm

Socket screw
圓頭內六角螺絲 M3x8mm

Washer
華司(φ3xφ8x1mm)

CAUTION
注意

Apply grease on thrust bearing.
止推軸承塗上潤滑油

(OUT) Smaller ID 內徑較小
(IN) larger ID 內徑較大

Tail rotor holder 尾旋翼夾座

Thrust bearing 止推軸承

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

After complete the tail rotor assembly, please check if it rotates smoothly.
尾旋翼組裝完成後需確認尾旋翼夾座轉動滑順。

60HT2A

Socket collar screw
圓頭內六角軸套螺絲(M3x16mm) x 2

M3 Nut
M3防鬆螺帽 x 2

CF Tail blade
碳纖維尾旋翼

Socket collar screw
圓頭內六角軸套螺絲 M3x16mm

Socket screw
圓頭內六角螺絲 M3x8mm

Washer
華司(φ3xφ8x1mm)

CAUTION
注意

Apply grease on thrust bearing.
止推軸承塗上潤滑油

(OUT) Smaller ID 內徑較小
(IN) larger ID 內徑較大

Tail rotor holder 尾旋翼夾座

Thrust bearing 止推軸承

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

After complete the tail rotor assembly, please check if it rotates smoothly.
尾旋翼組裝完成後需確認尾旋翼夾座轉動滑順。

60HT2A

Socket collar screw
圓頭內六角軸套螺絲(M3x16mm) x 2

M3 Nut
M3防鬆螺帽 x 2

CF Tail blade
碳纖維尾旋翼

Socket collar screw
圓頭內六角軸套螺絲 M3x16mm

Socket screw
圓頭內六角螺絲 M3x8mm

Washer
華司(φ3xφ8x1mm)

CAUTION
注意

Apply grease on thrust bearing.
止推軸承塗上潤滑油

(OUT) Smaller ID 內徑較小
(IN) larger ID 內徑較大

Tail rotor holder 尾旋翼夾座

Thrust bearing 止推軸承

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

After complete the tail rotor assembly, please check if it rotates smoothly.
尾旋翼組裝完成後需確認尾旋翼夾座轉動滑順。

60HT2A

Socket collar screw
圓頭內六角軸套螺絲(M3x16mm) x 2

M3 Nut
M3防鬆螺帽 x 2

CF Tail blade
碳纖維尾旋翼

Socket collar screw
圓頭內六角軸套螺絲 M3x16mm

Socket screw
圓頭內六角螺絲 M3x8mm

Washer
華司(φ3xφ8x1mm)

CAUTION
注意

Apply grease on thrust bearing.
止推軸承塗上潤滑油

(OUT) Smaller ID 內徑較小
(IN) larger ID 內徑較大

Tail rotor holder 尾旋翼夾座

Thrust bearing 止推軸承

Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

After complete the tail rotor assembly, please check if it rotates smoothly.
尾旋翼組裝完成後需確認尾旋翼夾座轉動滑順。

60HT2A

Socket collar screw
圓頭內六角軸套螺絲(M3x16mm) x 2

M3 Nut
M3防鬆螺帽 x 2

CF Tail blade
碳纖維尾旋翼

Socket collar screw
圓頭內六角軸套螺絲 M3x16mm

Socket screw
圓頭內六角螺絲 M3x8mm

Washer
華司(φ3xφ8x1mm)

CAUTION
注意

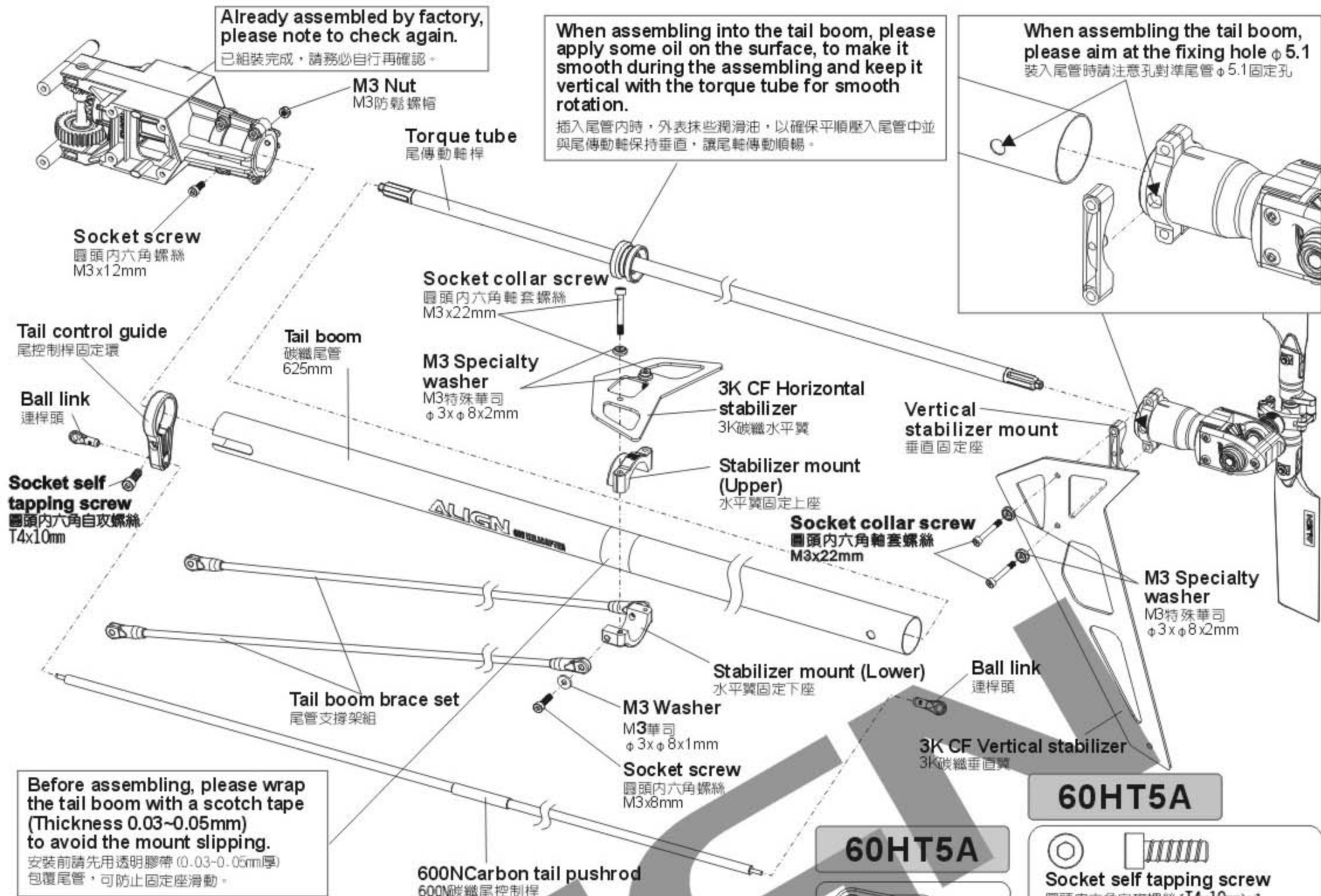
Apply grease on thrust bearing.
止推軸承塗上潤滑油

(OUT) Smaller ID 內徑較小
(IN) larger ID 內徑較大

Already assembled by factory,
please note to check again.
已組裝完成，請務必自行再確認。

When assembling into the tail boom, please
apply some oil on the surface, to make it
smooth during the assembling and keep it
vertical with the torque tube for smooth
rotation.
插入尾管內時，外表抹些潤滑油，以確保平順壓入尾管中並
與尾傳動軸保持垂直，讓尾輪傳動順暢。

When assembling the tail boom,
please aim at the fixing hole $\phi 5.1$
裝入尾管時請注意孔對準尾管 $\phi 5.1$ 固定孔



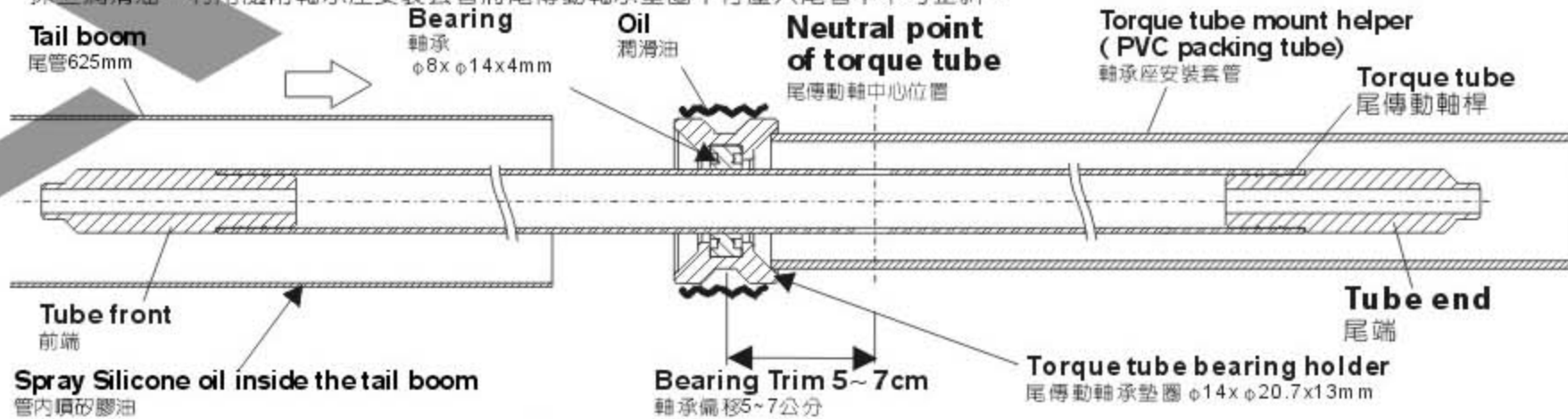
60HT1A



Tip to fix the torque tube 傳動軸軸承固定位要領

Please apply some CA glue to fix bearing on the torque tube, avoid CA glue from the dust or may cause the bearing stuck. When assembling into the tail boom, please apply some oil and use the attached torque tube mount helper to press the bearing holder of the torque tube into the tail boom horizontally.

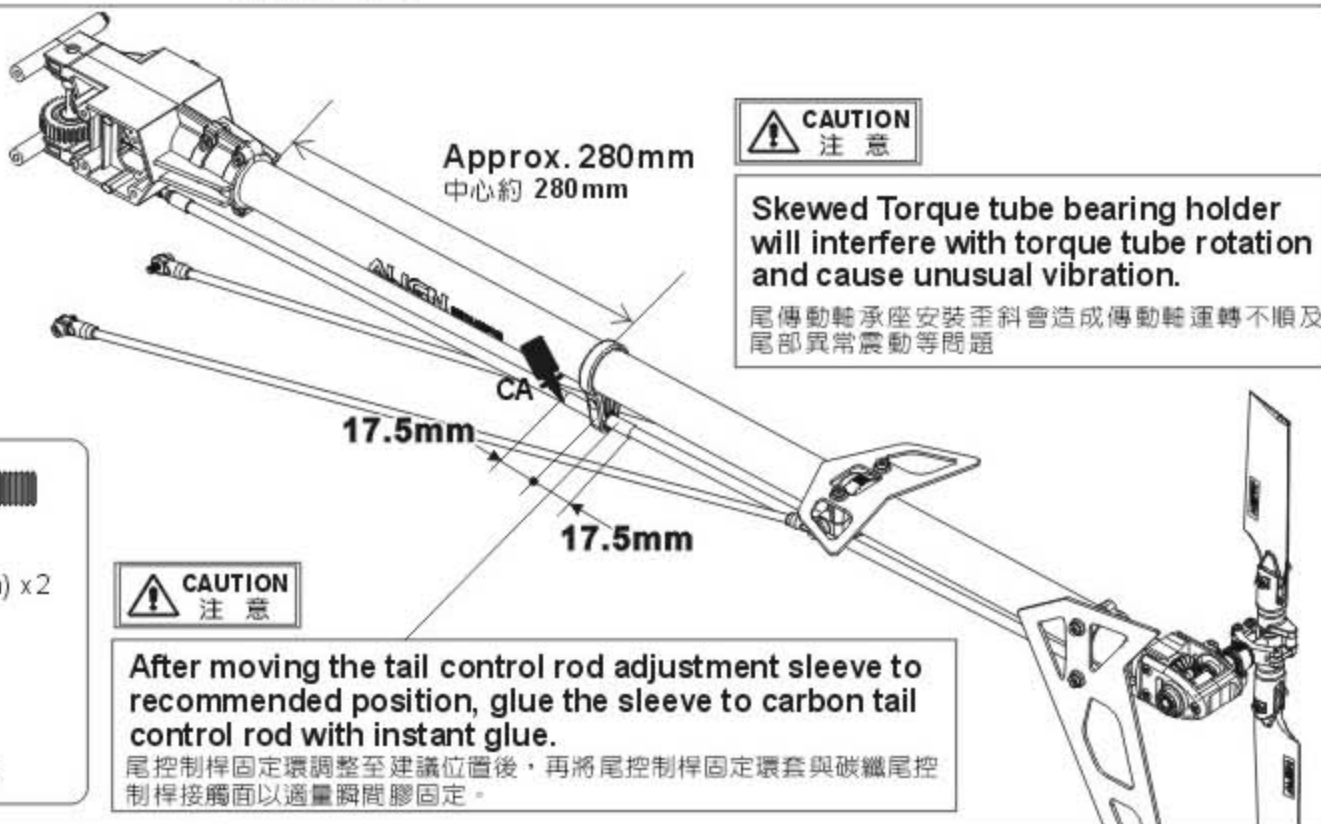
請以少量CA將軸承固定於尾傳動軸上，避免CA沾到軸承的防塵蓋而導致軸承卡死，插入尾管內時，尾傳動軸承墊圈外表抹些潤滑油，利用隨附軸承座安裝套管將尾傳動軸承墊圈平行壓入尾管中不可歪斜。



60HT4A



60HT2



600NB1G



600NB1H

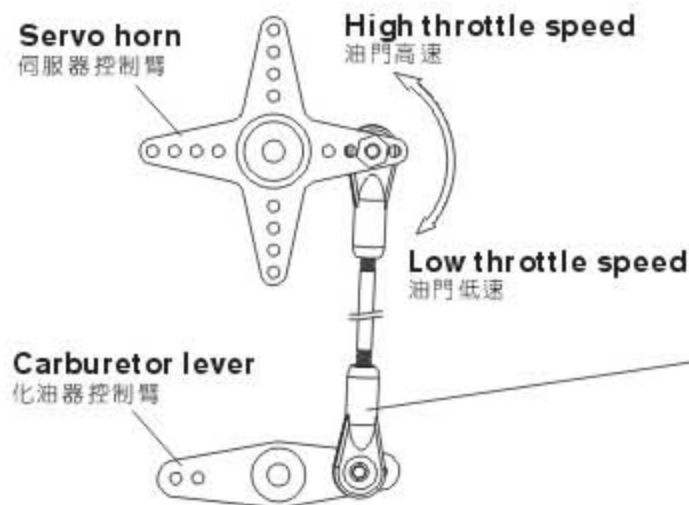


600NB1F

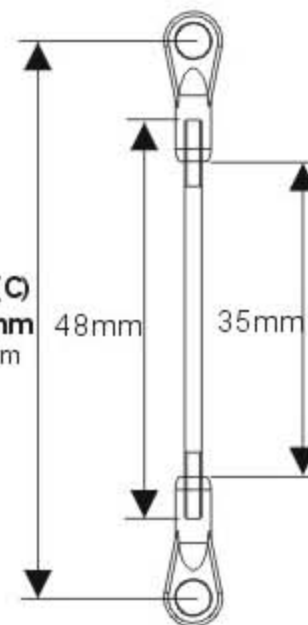


Socket button head self tapping screw
半圓頭內六角自攻螺絲
T3x8mm

High/Low throttle speed setting 油門高/低速控制設定



Linkage rod(C)
Approx. 64mm
連桿(C)約64mm



Gyro Mount
陀螺儀固定座

Please assemble the G linkage rods inside the servo horns to avoid any interference caused by the canopy.
G連桿請裝於伺服器內側確保動作時不碰觸機頭罩

Socket screw
圓頭內六角螺絲
M3x10mm

M3 Specialty washer
M3特殊華司
φ3xφ8x2mm

M3 Specialty washer
M3特殊華司
φ3xφ8x2mm

Socket screw
圓頭內六角螺絲
M3x10mm

Frame mounting bolt
機身鋁柱

Socket screw
圓頭內六角螺絲
M3x12mm

M3 Specialty washer
M3特殊華司
φ3xφ8x2mm

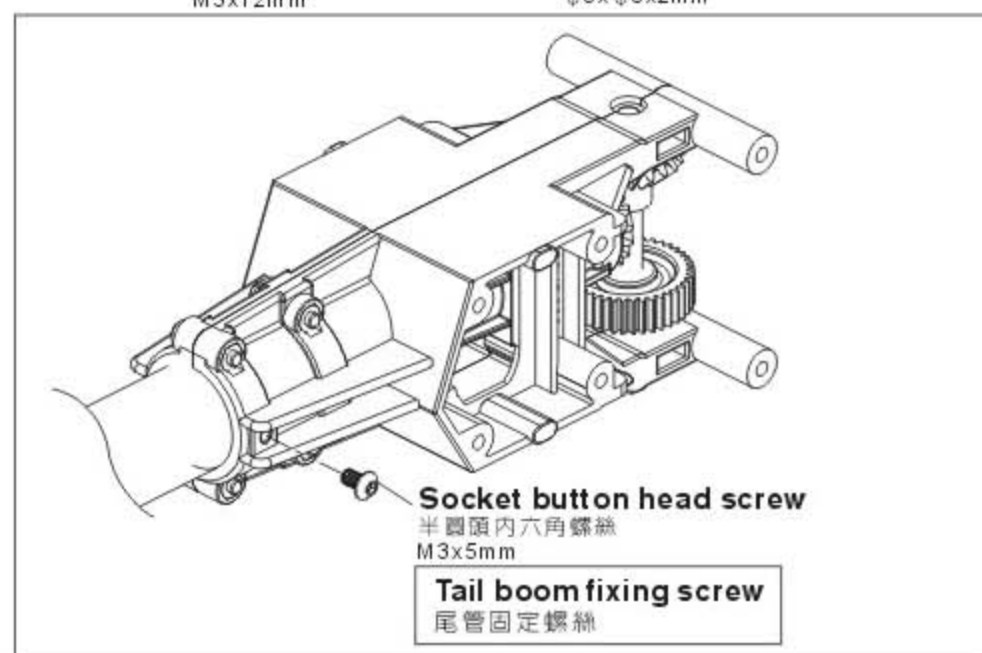
600HT1A



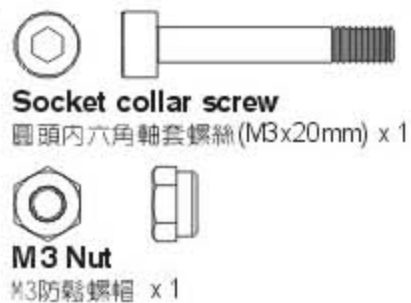
Apply a little amount of T43 thread lock when fixing a metal part.
螺絲鎖附於金屬件請使用適量T43(螺絲膠)

CAUTION
注意

When tightening a screw to a plastic part, please tighten it firmly, but not over tightened, or they will strip.
螺絲鎖入塑膠件請務必注意，適當扭力鎖緊即可，而過緊的扭力可能會導致滑牙。



600NB3



60NH12



600NZ8

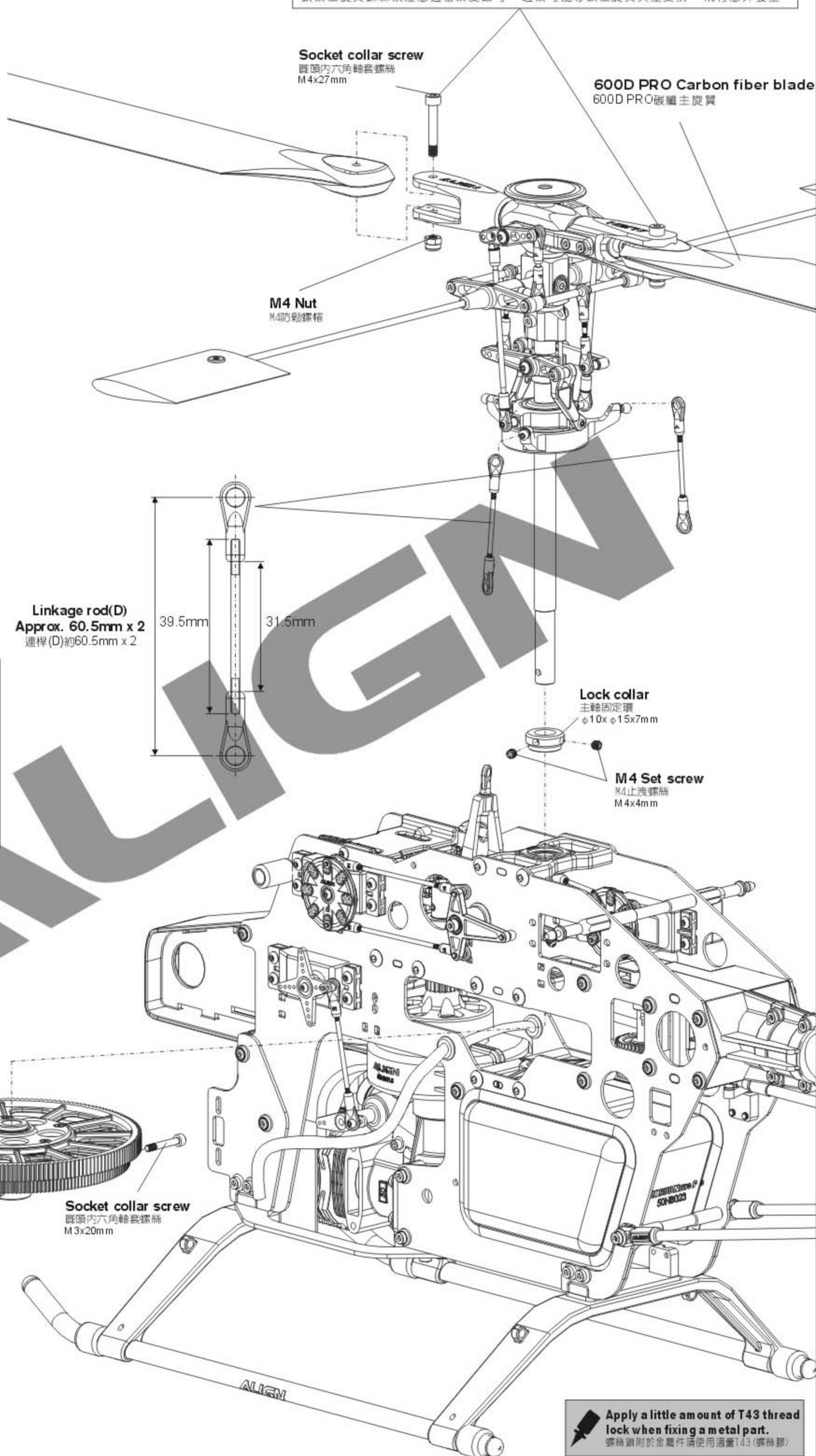


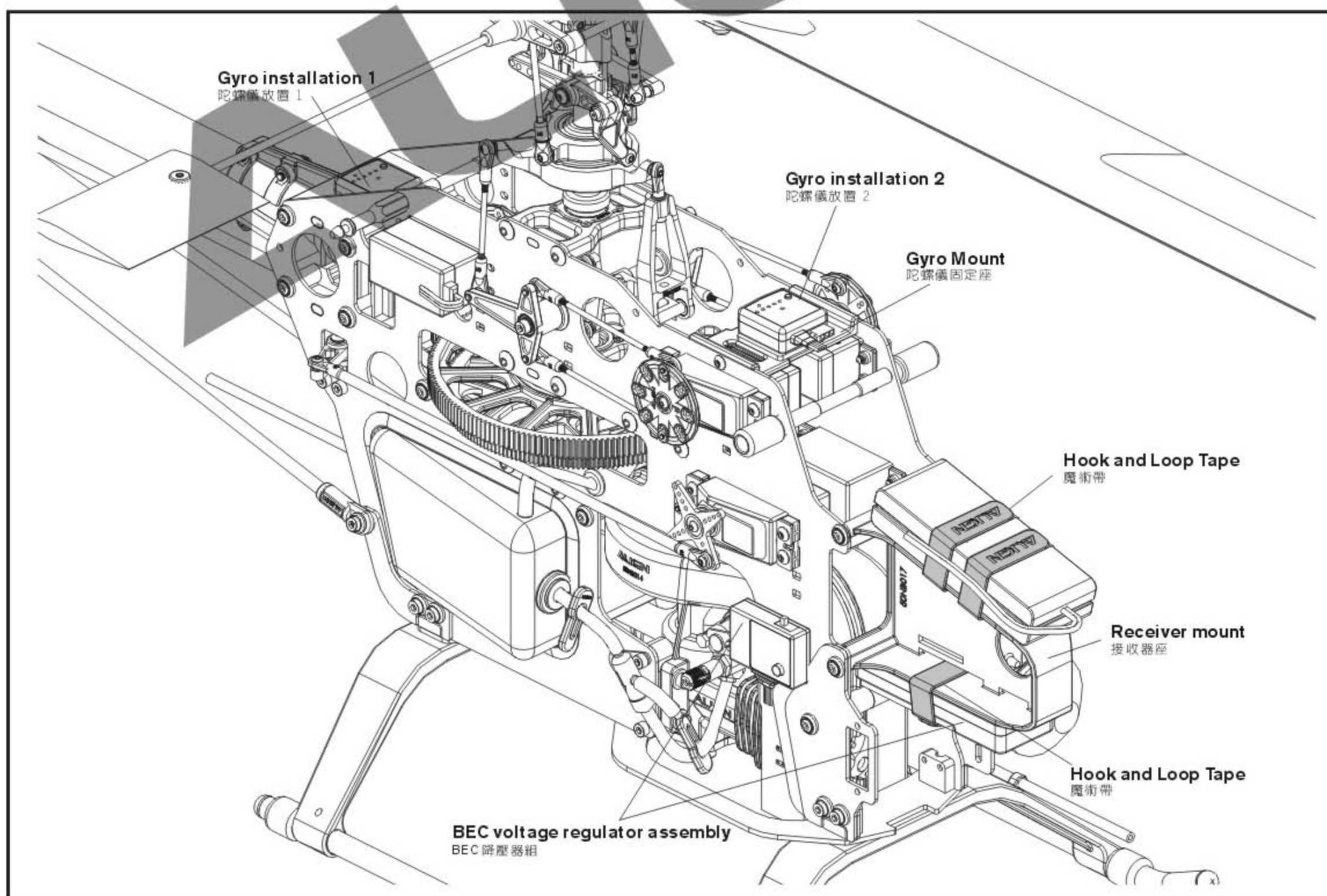
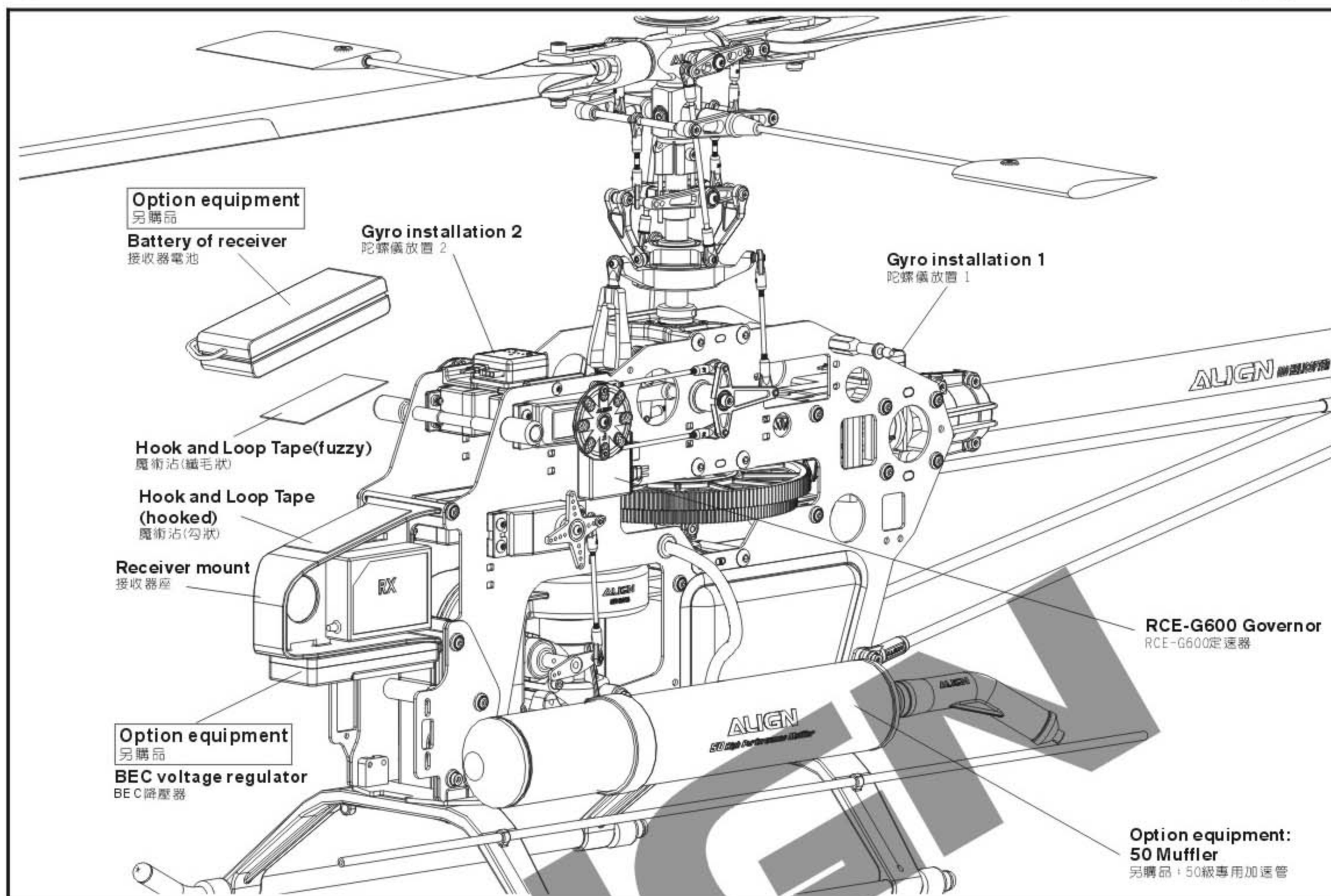
600NH6A

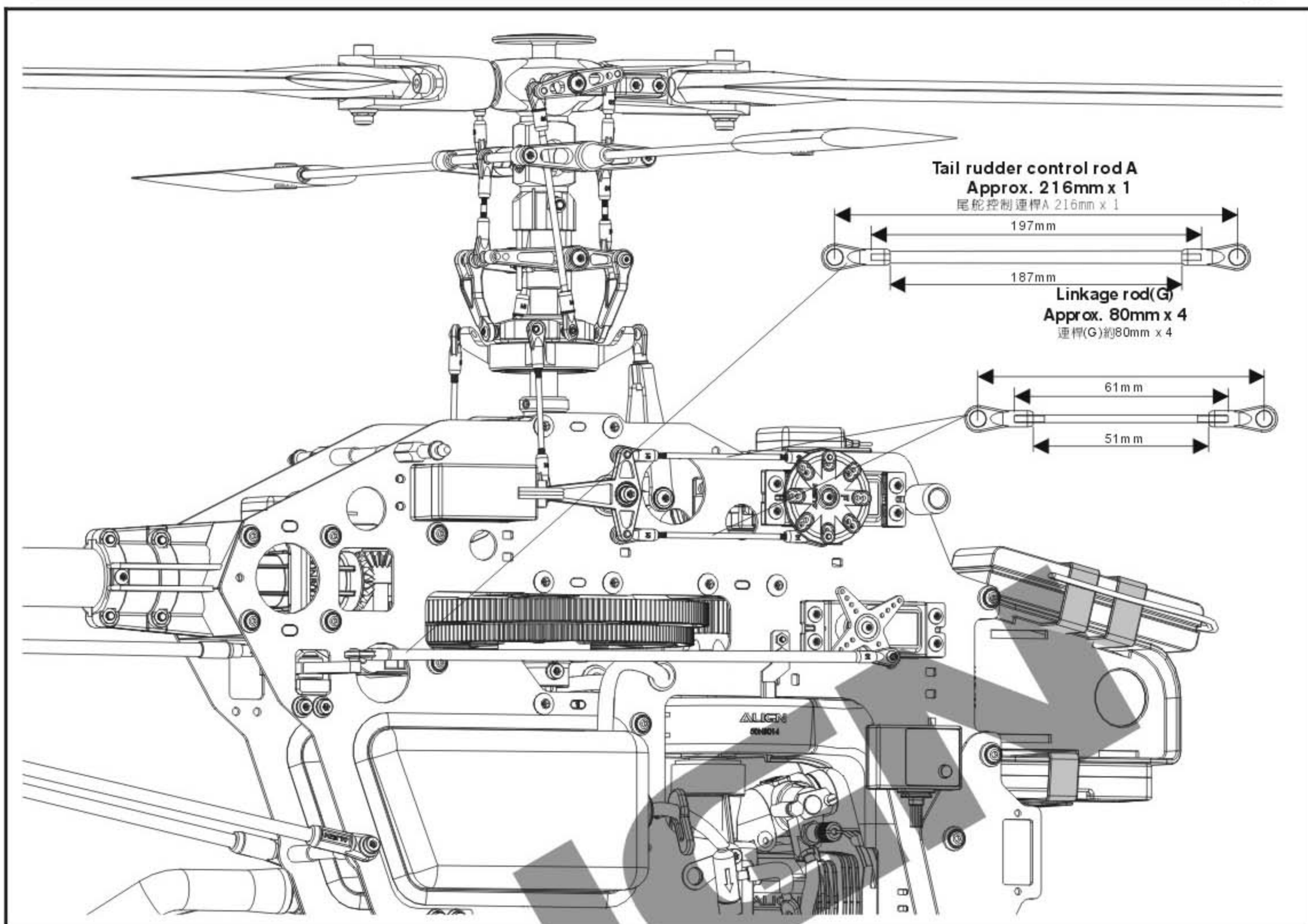


When tightening the main blade fixing screw, please tighten it firmly, but not over tighten, or it may cause the damage of main blade holder and result in danger.

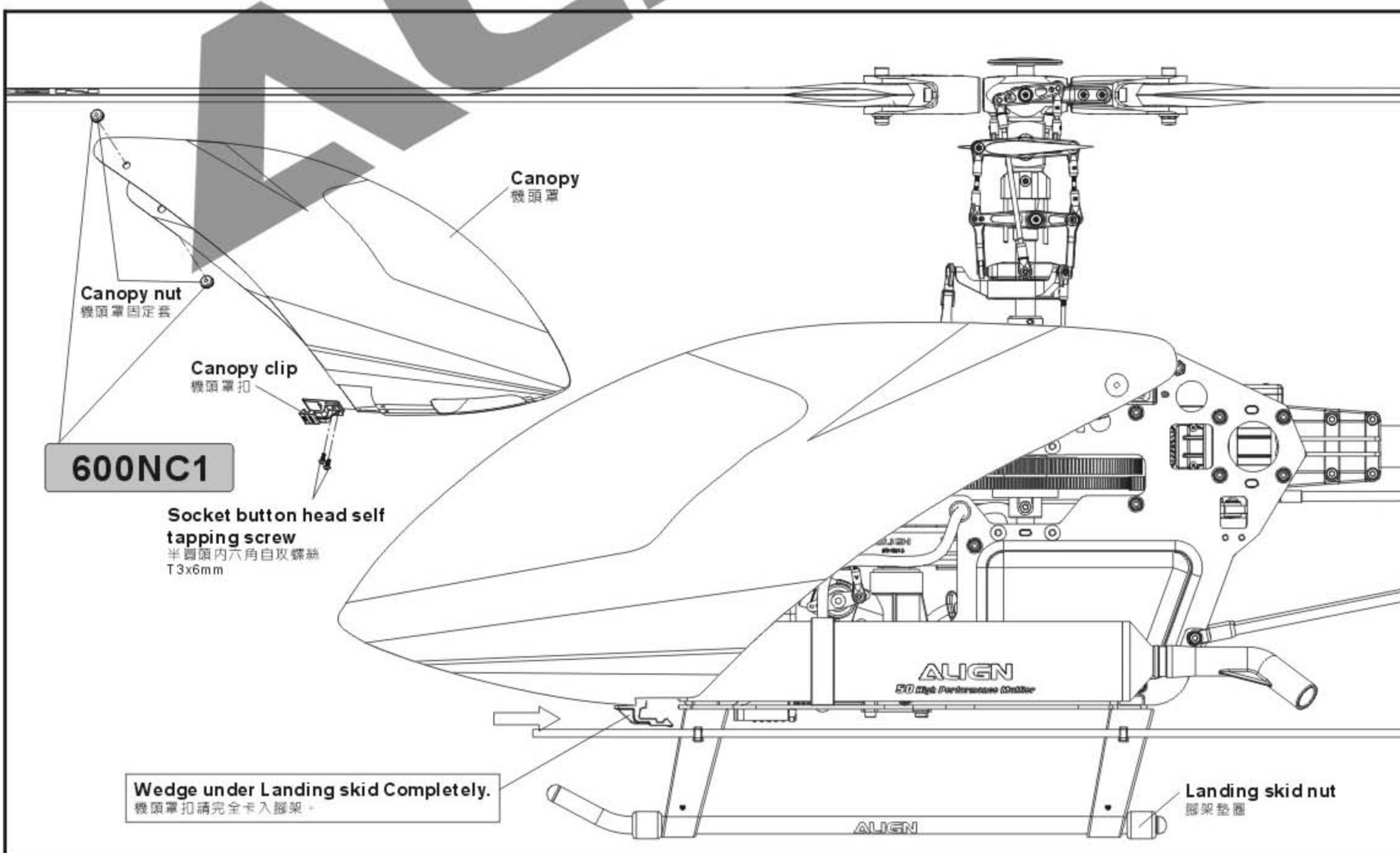
鎖緊主旋翼螺絲須注意適當緊度即可，過緊可能導致主旋翼夾座受損，飛行意外發生。

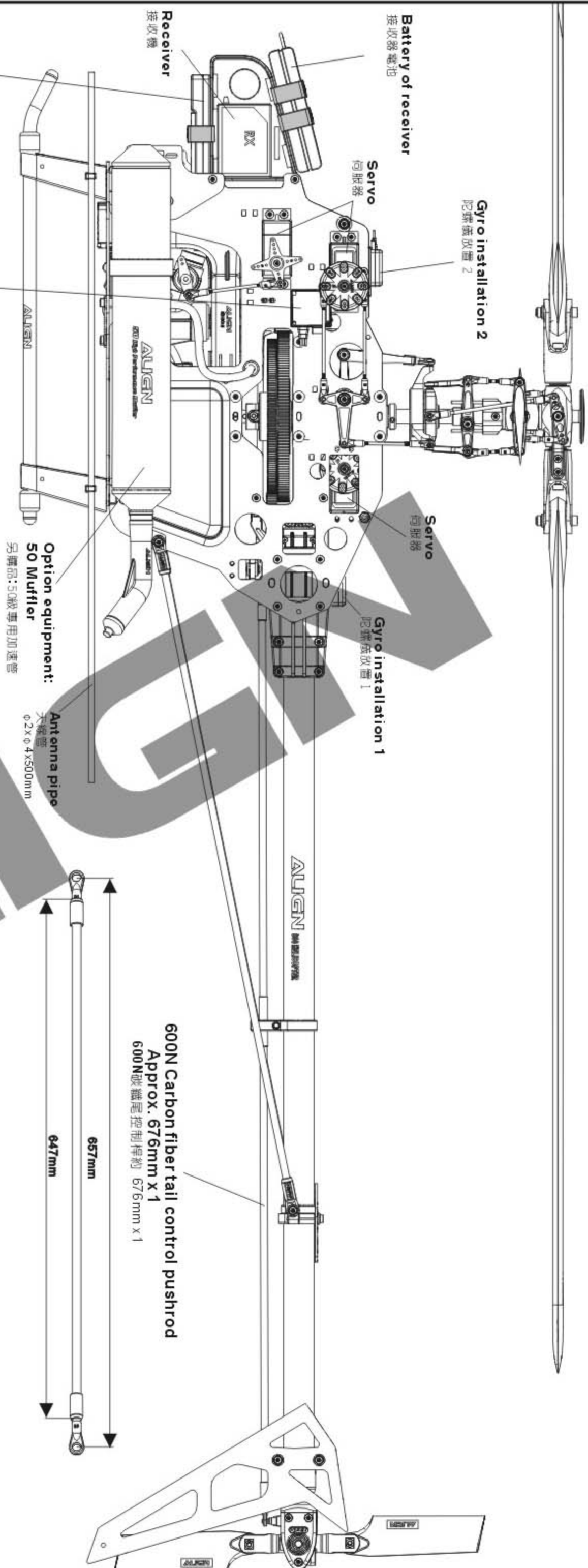






9.CANOPY ASSEMBLY 機頭罩安裝

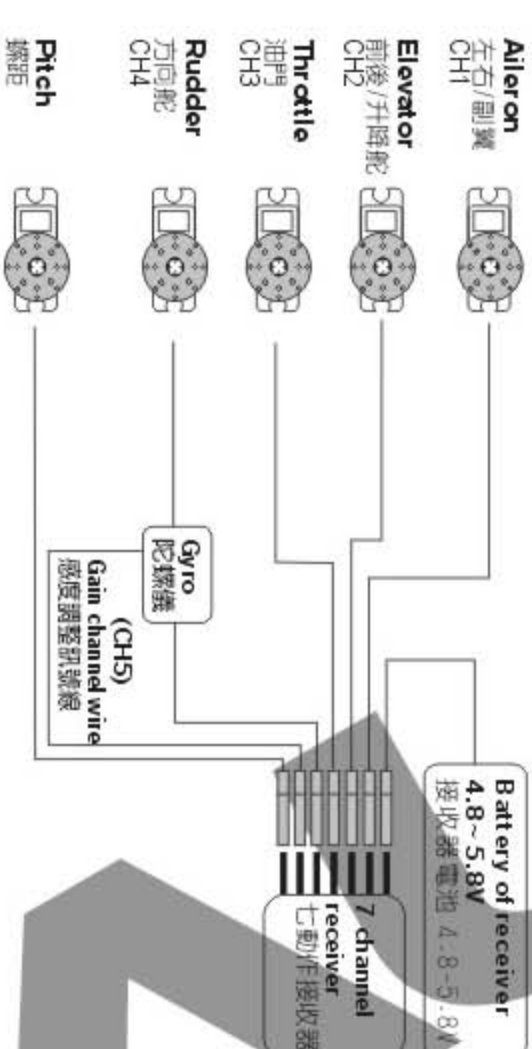




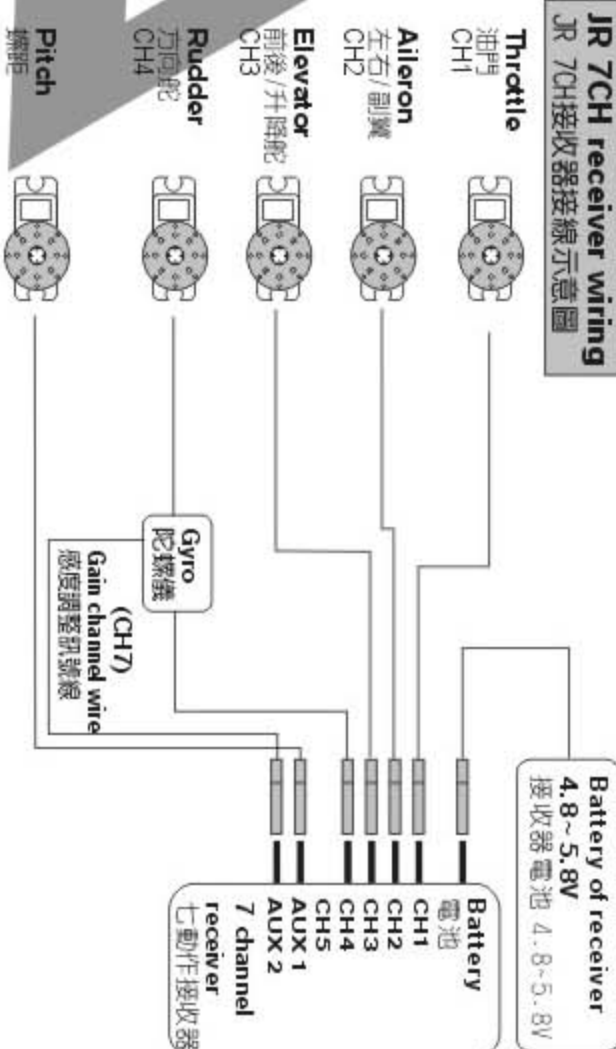
BEC voltage regulator
BEC 降壓器

RCE-G600 Governor
RCE-G600定速器

HITEC、FUTABA 7CH receiver wiring
HITEC、FUTABA 7CH接收器接線示意圖



JR 7CH receiver wiring
JR 7CH接收器接線示意圖



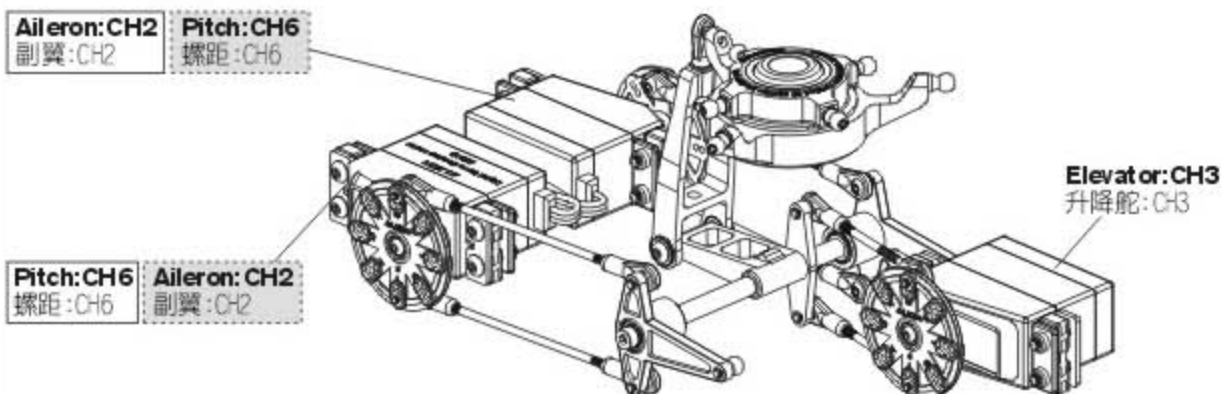
7-Channel Receiver is adequate for the requirements of the T-REX heli. You will need the following channels at a minimum: Throttle, Rudder, Elevator, Aileron, and especially Pitch(CH6) and Gyro(CH5) controls. 七動作的接收器已足夠應對T-REX遙控直升機的頻道需求，除了油門、方向舵、升降舵、副翼等基本動作外，亦可以對應具備感應調整訊號線的陀螺儀(CH5)與螺距(CH6)。

7-Channel Receiver is adequate for the requirements of the T-REX heli. You will need the following channels at a minimum: Throttle, Rudder, Elevator, Aileron, and especially Pitch(AUX 1) and Gyro(AUX 2) controls. 七動作的接收器已足夠應對T-REX遙控直升機的頻道需求，除了油門、方向舵、升降舵、副翼等基本動作外，亦可以對應具備感應調整訊號線的陀螺儀(AUX 2)與螺距(AUX 1)。

To set this option is to turn on the transmitter and connect to BEC power.

此項設定只要開啓發射器，接上BEC電源即可進行操作。

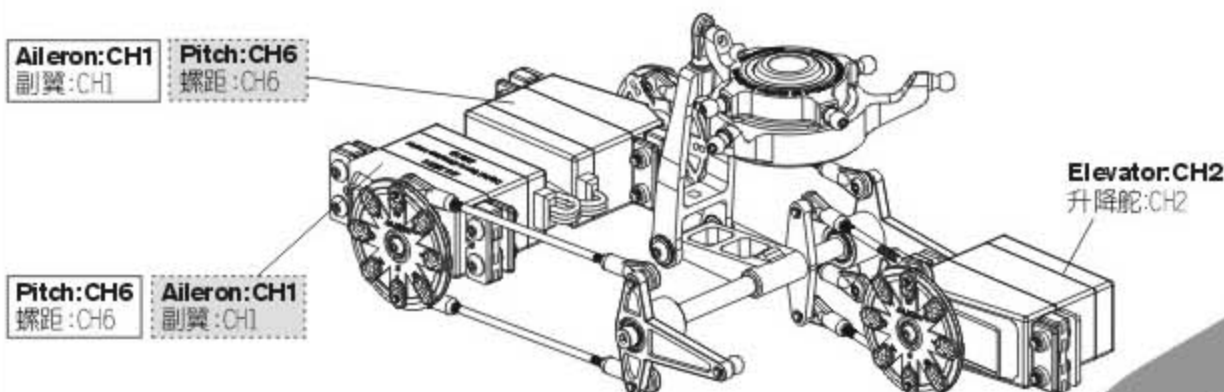
JR Transmitter/Servo JR遙控器對應伺服器關係



Positions of CH2 · CH6 are exchangeable, After assembling as photo (Note: Set the transmitter under CCPM 120 degrees mode), pull throttle stick (pitch) upward. If one swashplate servo (or two servos) moves downward, adjust reverse switch (REV) on the transmitter to make it moves upward. If three servo move downward, adjust the travel value (+/-) of SWASH CH6 on the transmitter to make them move upward. When the actions of Aileron and Elevator are opposite, adjust travel values of SWASH CH2 and CH3.

CH2、CH6可互換配置，依圖連結後(注意：遙控器須設定於CCPM 120°十字盤模式)，將油門搖桿(Pitch)往上推，若十字盤伺服器有1個或2個往下移時，請調整遙控器的反轉開關(REV)使伺服器往上，若3個伺服器同時往下移時，請調整遙控器SWASH CH6行程量的正負值，使伺服器同時往上平移，副翼與前後動作相反時，同樣調整 SWASH CH2、CH3行程量正負值。

FUTABA/HITEC Transmitter/Servo FUTABA/HITEC遙控器對應伺服器關係



Positions of CH1 · CH6 are exchangeable, After assembling as photo (Note: Set the transmitter under CCPM 120 degrees mode), pull throttle stick (pitch) upward. If one swashplate servo (or two servos) moves downward, adjust reverse switch (REV) on the transmitter to make it moves upward. If three servo move downward, adjust the travel value (+/-) of SWASH CH6 on the transmitter to make them move upward. When the actions of Aileron and Elevator are opposite, adjust travel values of SWASH CH1 and CH2.

CH1、CH6可互換配置，依圖連結後(注意：遙控器須設定於CCPM 120°十字盤模式)，將油門搖桿(Pitch)往上推，若十字盤伺服器有1個或2個往下移時，請調整遙控器的反轉開關(REV)使伺服器往上，若3個伺服器同時往下移時，請調整遙控器SWASH CH6行程量的正負值，使伺服器同時往上平移，副翼與前後動作相反時，同樣調整 SWASH CH1、CH2行程量正負值。

12.ADJUSTMENTS FOR GYRO AND TAIL NEUTRAL SETTING 陀螺儀與尾翼中立點設定調整

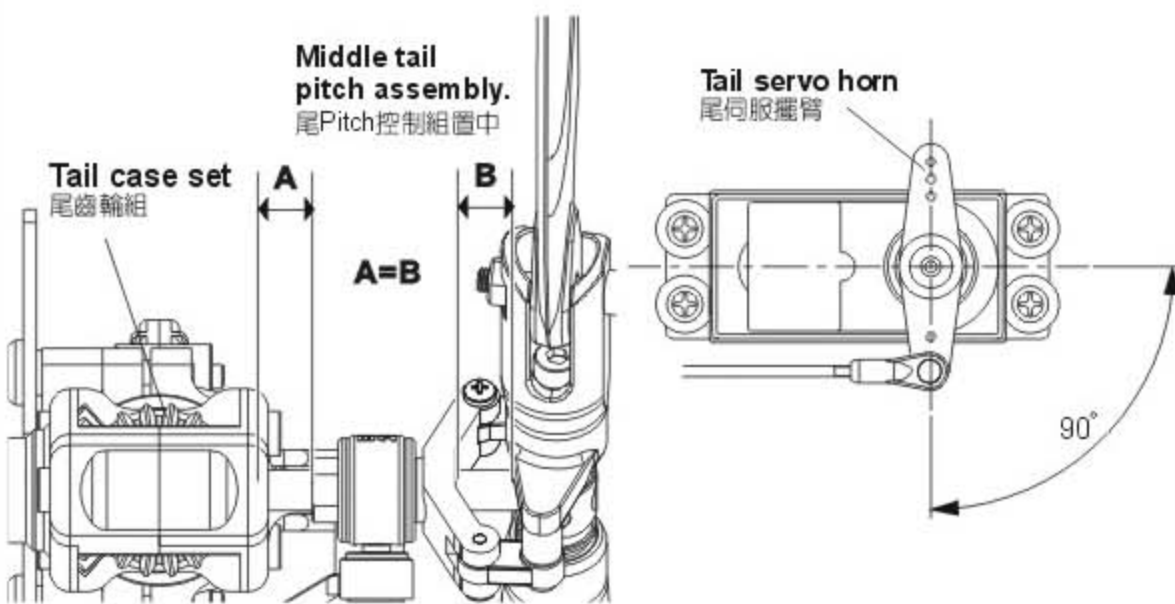
Recommend to choose Head Lock type for Gyro and turn off Revolution mixing(RVMX) mode on the transmitter, then set the gain switch on the transmitter and the gyro to Head lock mode. The gain setting is about 70%, and after transmitter setting, connect to BEC power to work on tail neutral setting. Note: When turn on BEC power, please do not touch tail rudder stick and the helicopter. Then wait for 3 seconds, make tail servo arm and tail servo at a right angle(90 degrees), tail pitch assembly must be correctly fixed about in the middle of the travel of tail rotor shaft for standard neutral setting.

陀螺儀選擇，建議選用鎖定式陀螺儀，其發射器內陀螺儀設定請關閉根軸混控模式，並將發射器上的感度開關與陀螺儀切至鎖定模式，感度設約 70% 左右，發射器設定完成後接上BEC接收電源，即可進行尾中立點設置。注意：當啟動BEC電源時請勿撥動尾舵搖桿或碰觸機體，待3秒陀螺儀鎖定後尾伺服器需與尾伺服器約成 90°，尾旋翼控制組須正確置於尾橫軸行程約中間位置，即為標準尾中立點設定。

TAIL NEUTRAL SETTING 尾中立點設定

After setting Head Lock mode, correct setting position of tail servo and tail pitch assembly is as photo. If the tail pitch assembly is not at the neutral position, please adjust the length of rudder control rod to trim.

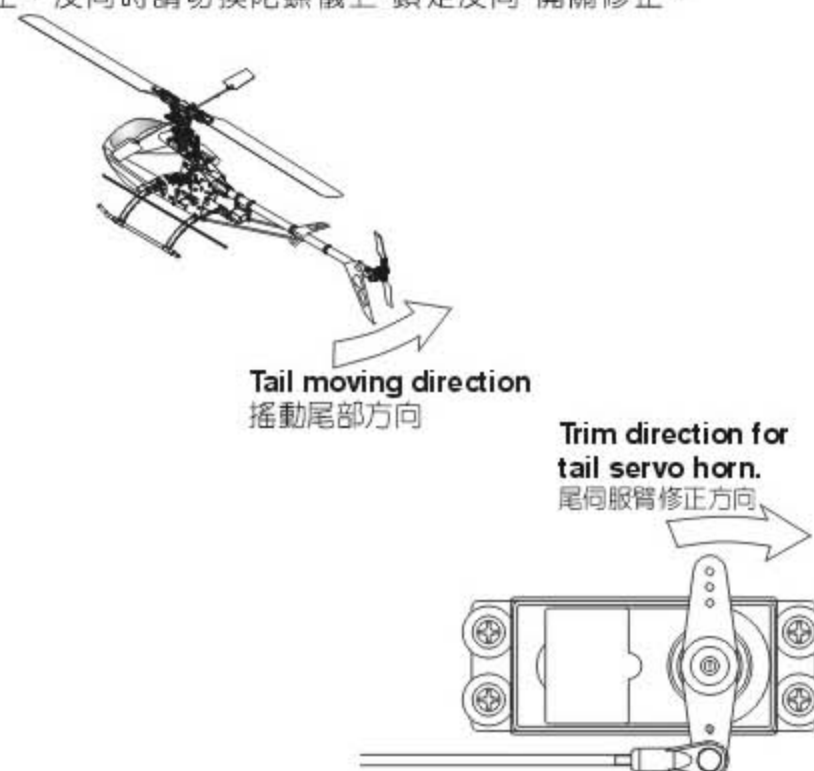
陀螺儀鎖定後尾伺服器與尾 Pitch控制組正確擺置位置。若尾 Pitch控制組未置中時請調整尾控制連桿的長度來修正。



HEAD LOCK DIRECTION SETTING OF GYRO 陀螺儀鎖定方向設定

To check the head lock direction of gyro is to move the tail counterclockwise and the tail servo horn will be trimmed clockwise. If it trims in the reverse direction, please switch the gyro to "REVERSE".

陀螺儀鎖定方向確認，當手搖尾部反時鐘擺動，尾伺服器臂應順時鐘修正，反向時請切換陀螺儀上「鎖定反向」開關修正。



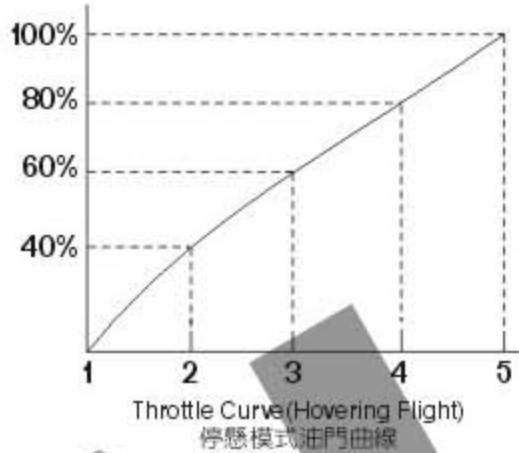
GENERAL FLIGHT 一般飛行模式

Stick position at high/Throttle 100%/Pitch +10°
搖桿高速/油門100%/Pitch+10°

Stick position at Hovering/Throttle 60%/ Pitch+5°
搖桿停懸/油門60%/Pitch+5°

Stick position at low/Throttle 0%/Pitch 0°~-2°
搖桿低速/油門0%/Pitch 0°~-2°

GENERAL FLIGHT 一般飛行模式		
	Throttle 油門	Pitch 螺距
5	100% High speed 100% 高速	+10°
4	80%	
3	60% Hovering 60% 停懸	+5°
2	40%	
1	0% Low speed 0% 低速	0°~-2°



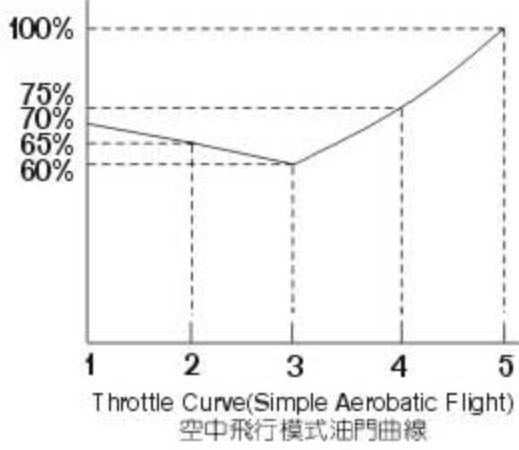
3D FLIGHT 3D特技飛行模式

Stick position at high/Throttle 100%/Pitch +10°~+12°
搖桿高速/油門100%/Pitch+10°~+12°

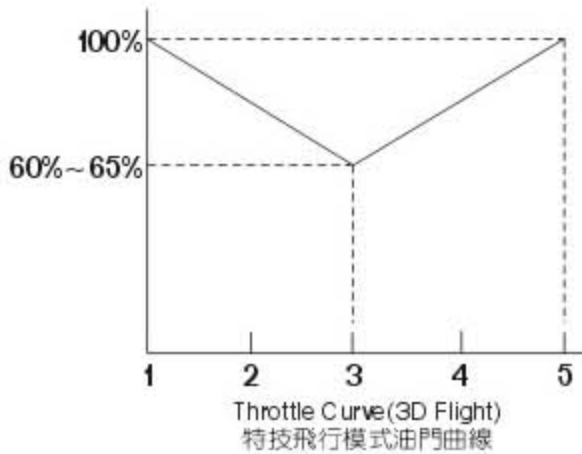
Stick position at middle/Throttle 85%/Pitch 0°
搖桿中速/油門60%-65%/Pitch 0°

Stick position at low/Throttle 100%/Pitch -10°~-12°
搖桿低速/油門100%/Pitch -10°~-12°

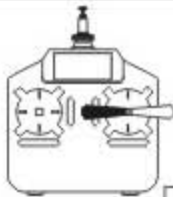
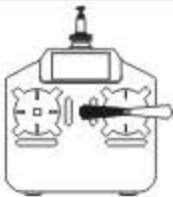
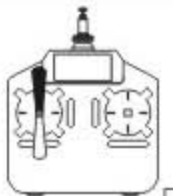
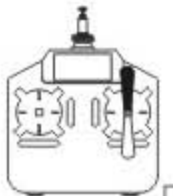
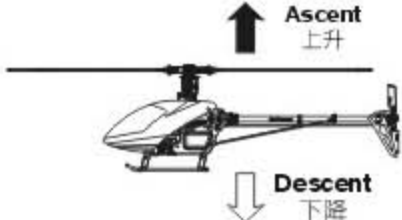
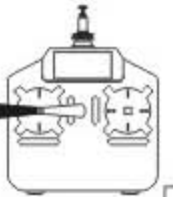
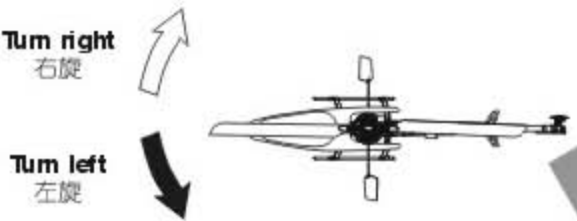
IDLE 1: SPORT FLIGHT		
	Throttle 油門	Pitch 螺距
5	100%	+10°~+12°
4	75%	
3	60%	+5°
2	65%	
1	70%	-5°



IDLE 2: 3D FLIGHT		
	Throttle 油門	Pitch 螺距
5	100% High 100% 高	+10°~+12°
3	60%~65% Middle 60%-65% 中	0°
1	100% Low 100% 低	-10°~-12°



1. Pitch range: Approx. ±13 degrees.
2. If the pitch is set too high, it may cause motor overload.
1. 螺距 (Pitch) 總行程約 ±13°
2. 過大螺距設定，可能導致引擎過載。

Mode 1	Mode 2	Illustration圖示
 Aileron 副翼	 Aileron 副翼	 Move left 左移 Rotate left 左翻 Move right 右移 Rotate right 右翻
 Elevator 升降/前後	 Elevator 升降/前後	 Fly forward 前進 Forward rotate 前翻 Fly backward 後退 backward rotate 後翻
 Throttle 油門	 Throttle 油門	 Ascent 上升 Descent 下降
 Rudder 方向	 Rudder 方向	 Turn right 右旋 Turn left 左旋

Flight adjustment and notice for beginners 初學飛行調整與注意



- Check if the screws are firmly tightened.
- Check if the transmitter and receivers are fully charged.
- 再次確認→螺絲是否鎖固?
- 發射器和接收器電池是否足夠。



If there are other radio control aircraft at the field, make sure to check their frequencies and tell them what frequency you are using. Frequency interference can cause your model, or other models to crash and increase the risk of danger.

假使飛行場有其他遙控飛機，請確認他們的頻率，並告知他們你正在使用的頻率，相同的頻率會造成干擾導致失控和大大地增加風險。

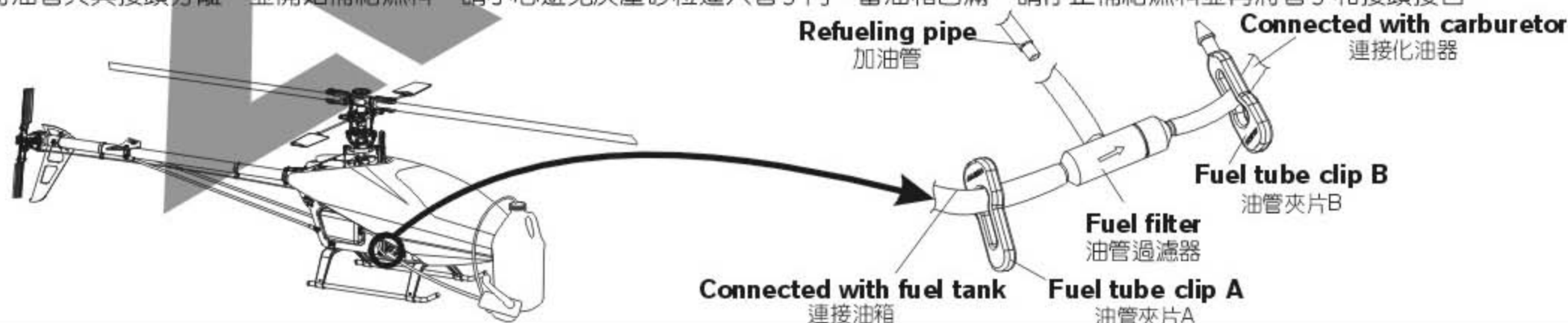
- ★When arriving at the flying field.
- ★當抵達飛行場



Engine start preparation 引擎啟動事前準備

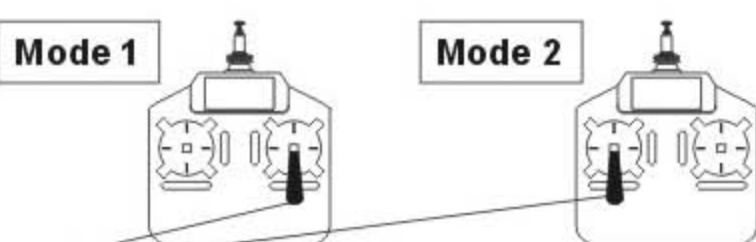
Separate the fuel tube and the joint and start to refuel. Please be careful to avoid the dust entering the tube. When the fuel tank is full, please stop refueling and reconnect the tube and the joint.

將油管與其接頭分離，並開始補給燃料。請小心避免灰塵砂粒進入管子內。當油箱已滿，請停止補給燃料並再將管子和接頭接合。



First check to make sure no one else is operating on the same frequency. Then place the throttle stick at lowest position and turn on the transmitter.

首先確認附近沒有其他相同頻率的使用，然後打開發射器將油門搖桿推到低點。



Check if the throttle stick is set at the lowest position and check if engine throttle is at low speed.

確認油門搖桿是在最低的位置，並確認引擎油門置於低速。

Needle valve adjusting suggestion 引擎油針調整建議

Close
鎖緊



Open
鬆退



Engine needle
引擎主油針

For a new engine, recommend closing the needle valve completely first, and then open the needle valve 1.5 turns for running-in during the first 3 flights. After the first 3 flights, see the flight conditions to adjust the engine to higher speed, recommend closing the needle valve to 1.25 turns. (Please refer to the original instruction manual of the engine for more detail.)

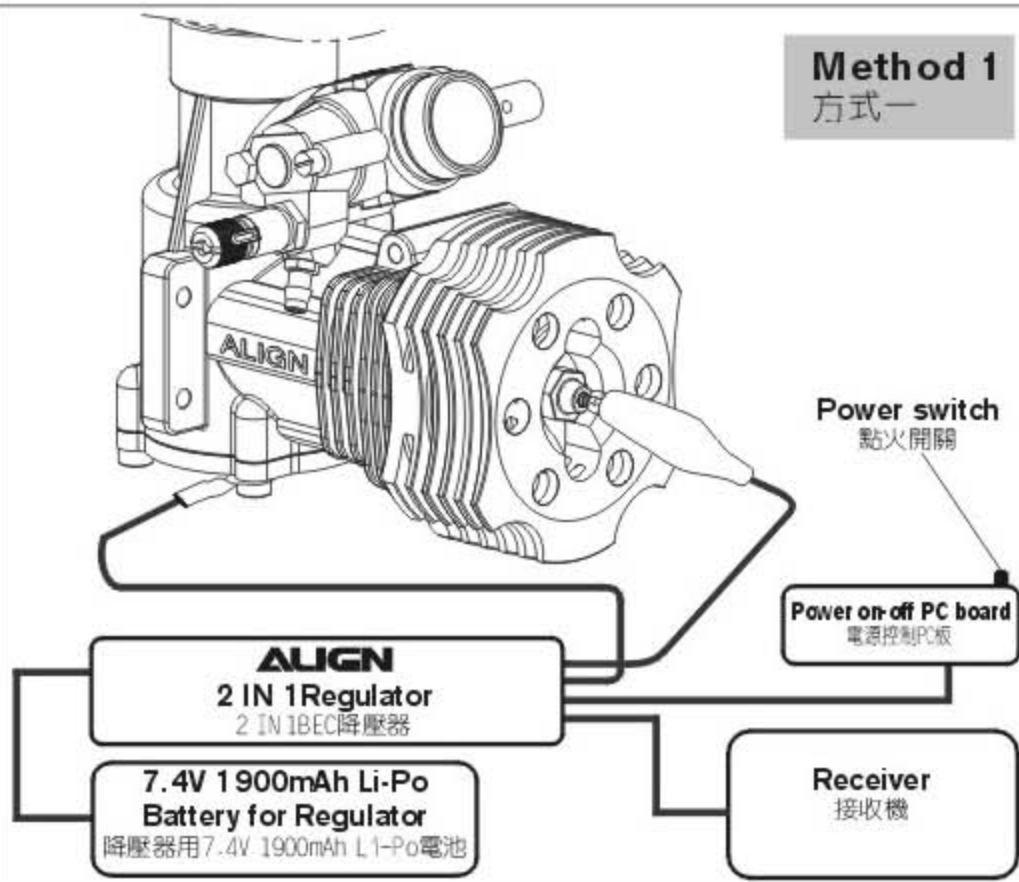
建議新引擎於前3次飛行時主油針先鎖緊後，以鬆退1.1/2圈條件引擎磨合飛行。3次飛行以後，可視飛行狀況適當調高引擎轉速，建議可調緊主油針到1.1/4圈。(詳細調整請參閱原廠說明書)

If the engine speed and the temperature are too high, it will seriously affect the engine life. 引擎轉速、溫度過高將嚴重影響引擎壽命。

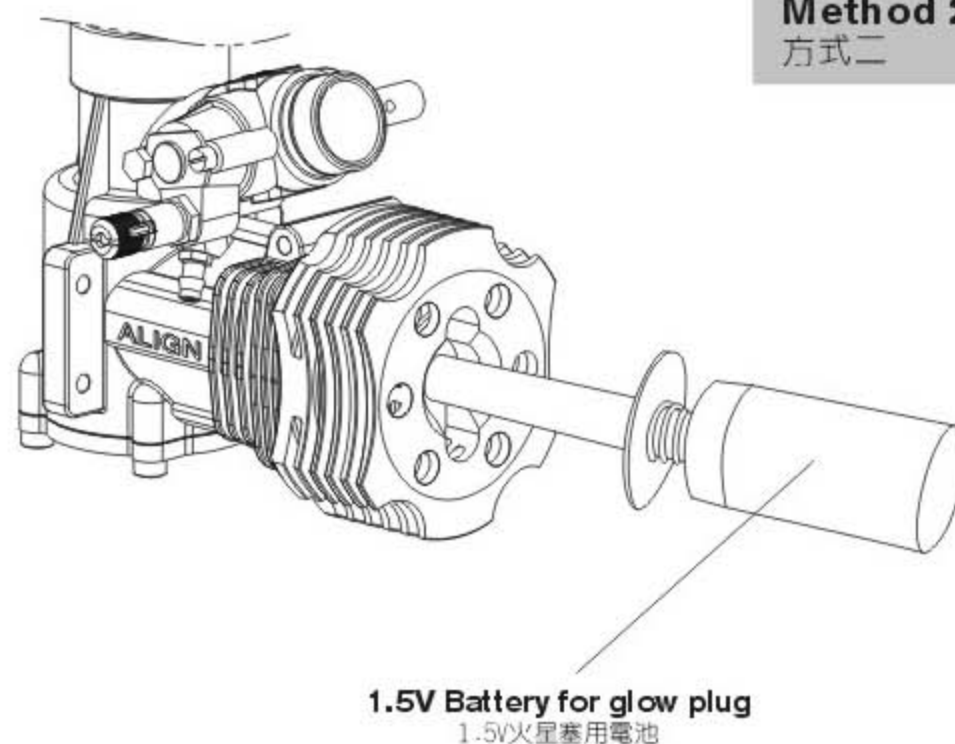


Glow plug ignition method 火星塞點火方式

Method 1 方式一



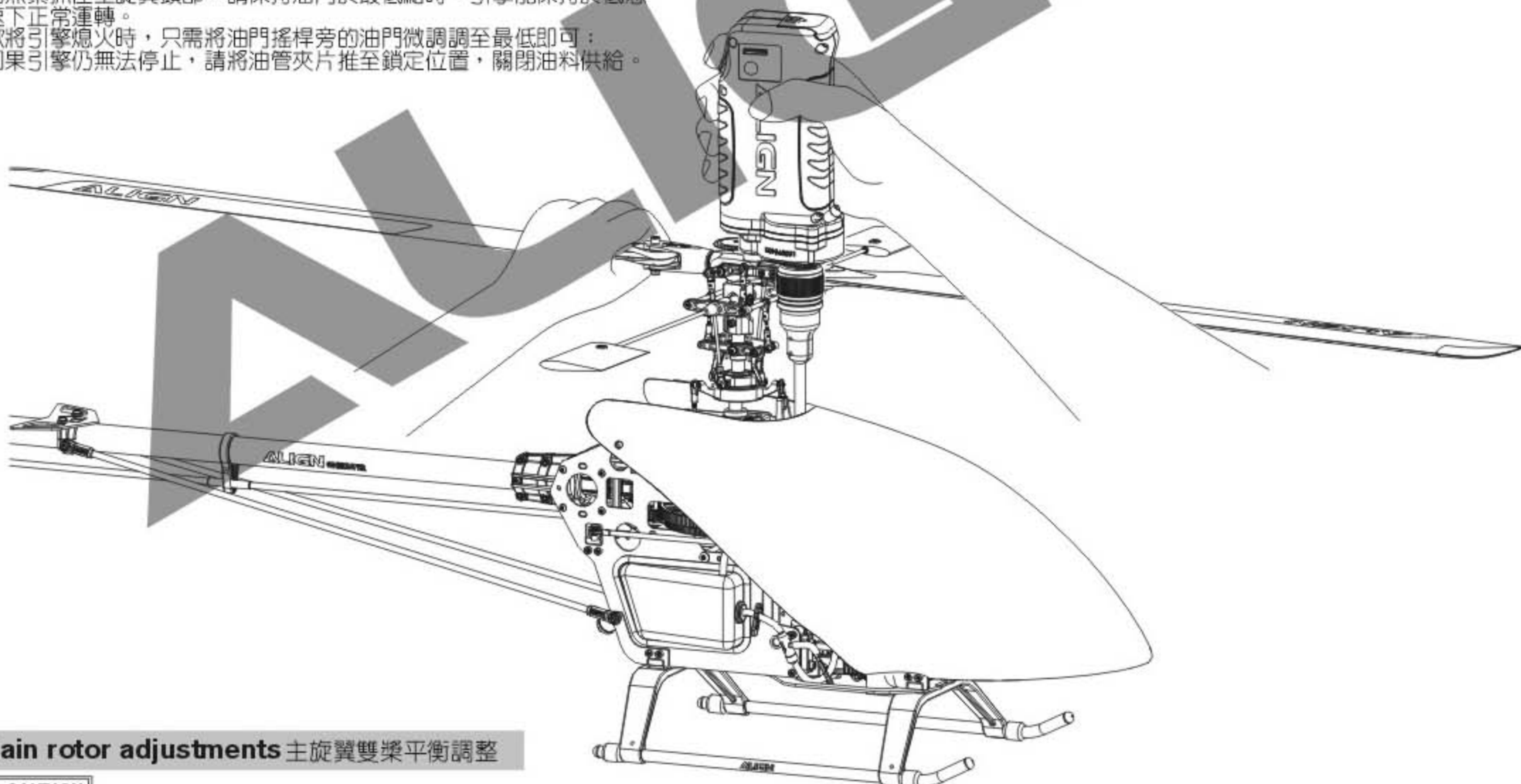
Method 2 方式二



Engine start and stop 引擎啟動和熄火

1. Connect the battery to the starter and check the rotation direction. Insert the starter shaft into the starter completely.
2. Tightly hold the main rotor head, and insert the starter shaft into the starter coupling. Then turn the starter to start the engine.
3. When the engine starts, stop the starter and remove it from the starter coupling. Please keep holding the main rotor head tightly.
4. Hold the main rotor head tightly, and turn off the power of glow plug or remove the power.
5. Still hold the main rotor head tightly, turn throttle trim at the lowest position, and keeping engine in lowest regular running.
6. If you want to stop the engine, please set the throttle trim (beside the throttle stick) at the lowest position. If the engine cannot stop, please put the Fuel Clip into lock position to stopping refueling.

1. 將啟動電池連接到啟動器並確認其轉動方向。將啟動軸完全插入啟動器。
2. 緊緊抓住主旋翼頭部，將啟動軸插入引擎啟動頭並以啟動器啟動引擎。
3. 當引擎啟動後，停止啟動器並將啟動頭上的啟動器移開。請保持繼續緊抓住主旋翼頭部。
4. 仍然緊緊抓住主旋翼頭部，將火星塞點火電池關閉或移開。
5. 仍然緊緊抓住主旋翼頭部，請保持油門於最低點時，引擎能保持於低怠速下正常運轉。
6. 欲將引擎熄火時，只需將油門搖桿旁的油門微調調至最低即可；如果引擎仍無法停止，請將油管夾片推至鎖定位置，關閉油料供給。



Main rotor adjustments 主旋翼雙槳平衡調整



Tracking adjustment is very dangerous, so please keep away from the helicopter at a distance of at least 10m.
調整軌跡非常危險，請於距離飛機最少10公尺的距離。

1. Before adjusting, apply a red piece of tape on one blade, or paint a red stripe with a marker or paint to identify on blade.
2. Raise the throttle stick slowly and stop just before the helicopter lifts-off ground. Look at the spinning blades from the side of the helicopter.
3. Look at the path of the rotor carefully. If the two blades rotate in the same path, it does not need to adjustment. If one blade is higher or lower than the other blade, adjust the tracking immediately.
4. Linkage rod (A): Regular pitch trim (For large variations). Linkage rod (C): Slight pitch trim (For slight variations).
1. 調整前先在其中一支主旋翼的翼端，貼上有顏色的貼紙或畫上顏色記號，方便雙槳調整辨識。
2. 慢慢的推起油門搖桿到高點並且停止，在飛機離開地面前，從飛機側邊觀察主旋翼轉動。
3. 仔細觀察旋翼軌跡(假如兩支旋翼移動都是相同軌跡，則不需要調整；可是如果一支旋翼較高或較低產生“雙槳”的情形時，則必須立刻調整軌跡)。
4. 連桿(A)為一般螺距調整(雙槳翼大時使用)。連桿(C)為螺距微調調整(雙槳微幅差異時使用)。

- A. When rotating, the blade with higher path means the pitch too big. Please shorten pitch linkage rod (C) for slight trim.
- B. When rotating, the blade with lower path means the pitch too small. Please shorten pitch linkage rod (C) for slight trim.

- A. 旋翼轉動時較高軌跡的主旋翼表示螺距 (PITCH) 過大，請調短連桿 (C) 修正。
B. 旋翼轉動時較低軌跡的主旋翼表示螺距 (PITCH) 過小，請調長連桿 (C) 修正。



Incorrect tracking may cause vibrations. Please repeat adjusting the tracking to make sure the rotor is correctly aligned. After tracking adjustment, please check the pitch angle is approx. 5° when hovering.

不正確的旋翼軌跡會導致震動，請不斷重複調整軌跡，使旋翼軌跡精準正確。在調整軌跡後，確認一下Pitch角度在停旋時應為大約5°。

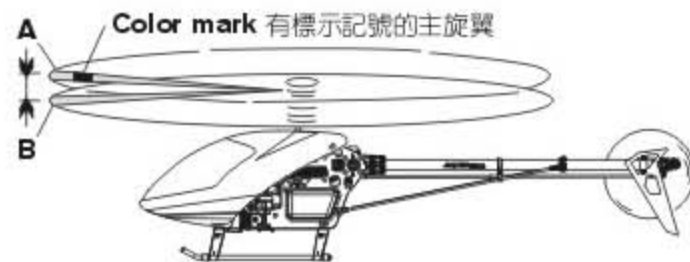
FLIGHT ADJUSTMENT AND NOTICE FOR BEGINNERS 初學飛行調整與注意



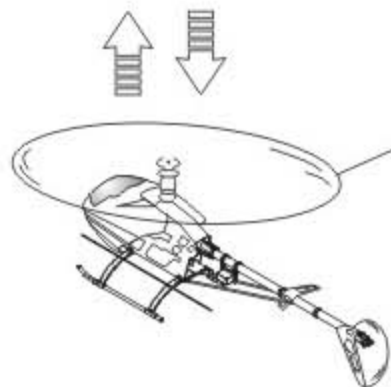
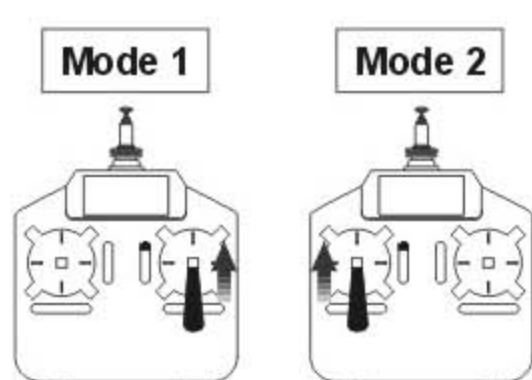
- ◎ Make sure that no one or obstructions in the vicinity.
- ◎ You must first practice hovering for flying safety. This is a basic flight action. (Hovering means keeping the helicopter in mid air in a fixed position)
- ◎ 確認鄰近地區沒有人和障礙物。
- ◎ 為了飛行安全，你必須先練習停旋，這是飛行動作的基礎（停旋：直昇機滯留空中並保持固定位置）。

- ◎ Please stand approximately 10m diagonally behind the helicopter.
- ◎ 練習時，請站在直昇機後方10公尺。

- ◎ Beginner may install a training landing gear to avoid any crash caused by offset effect while landing.
- ◎ 必要時初學者可以在腳架下方安裝練習架，可避免降落時因重心偏移導致主旋翼或直昇機損毀。

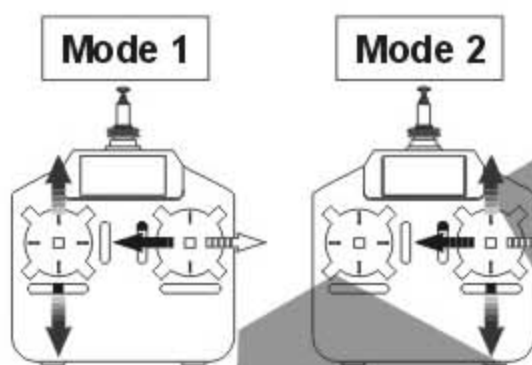


STEP 1 THROTTLE CONTROL PRACTICE 油門控制練習



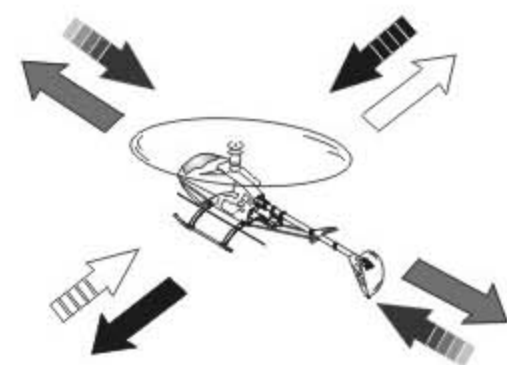
- ◎ When the helicopter begins to lift-off the ground, slowly reduce the throttle to bring the helicopter back down. Keep practicing this action until you control the throttle smoothly.
- ◎ 當直昇機開始離地時，慢慢降低油門將飛機降下。持續練習飛機從地面上的上升和下降直到你覺得油門控制很順。

STEP 2 AILERON AND ELEVATOR CONTROL PRACTICE 副翼和升降控制練習



1. Raise the throttle stick slowly.
2. Move the helicopter in any direction back, forward, left and right, slowly move the aileron and elevator sticks in the opposite direction to fly back to its original position.

1. 慢慢升起油門搖桿。
2. 使直昇機依指示：移動向後/向前/向左/向右，慢慢的反向移動副翼和升降搖桿並將直昇機開回到原來位置。

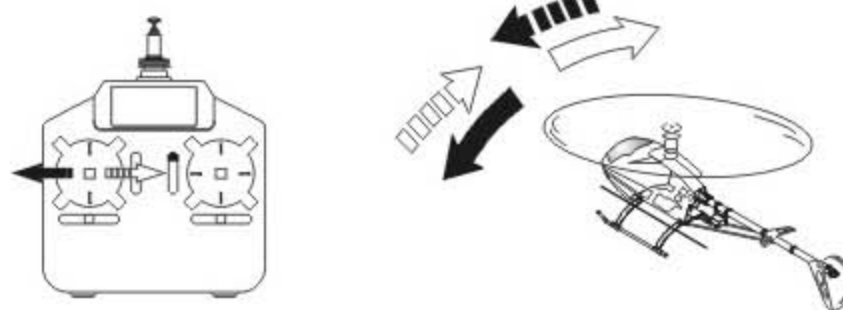


- ◎ If the nose of the helicopter moves, please lower the throttle stick and land the helicopter. Then move your position diagonally behind the helicopter 10m and continue practicing.
- ◎ If the helicopter flies too far away from you, please land the helicopter and move your position behind 10m and continue practicing.
- ◎ 當直昇機機頭偏移時，請降低油門並且降落，然後移動自己的位置到直昇機的正後方10公尺再繼續練習。
- ◎ 假如直昇機飛離你太遠，請先降落直昇機，並到直昇機後10公尺再繼續練習。

STEP 3 RUDDER CONTROL PRACTICING 方向舵操作練習

1. Slowly raise the throttle stick.
2. Move the nose of the helicopter to right or left, and then slowly move the rudder stick in the opposite direction to fly back to its original position.

1. 慢慢升起油門搖桿。
2. 將直昇機機頭移動左或右，然後慢慢反向移動方向舵搖桿並將直昇機飛回原本位置。

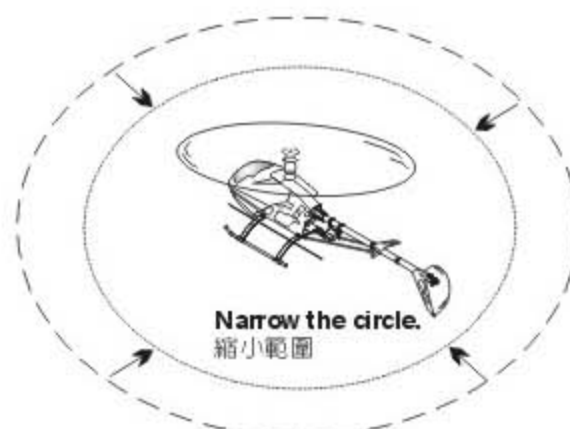


STEP 4

After you are familiar with all actions from Step1 to 3, draw a circle on the ground and practice within the circle to increase your accuracy.

當你覺得 step1-3 動作熟悉了，在地上畫圈圈並在這個圈圈的範圍內練習飛行，以增加你操控的準確度。

- ◎ You can draw a smaller circle when you get more familiar with the actions.
- ◎ 當你更加習慣操作動作，你可以畫更小的圈。

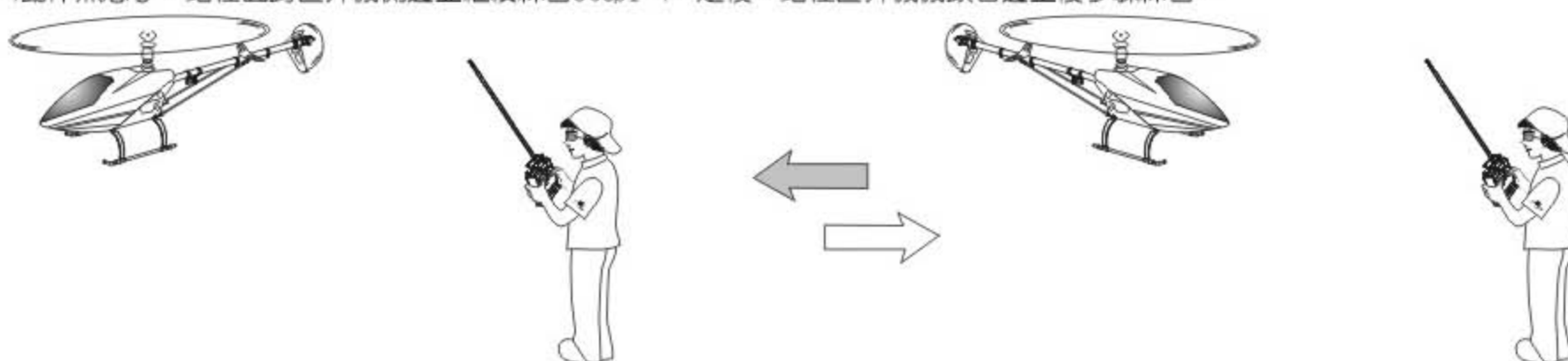


STEP 5 DIRECTION CHANGE AND HOVERING PRACTICE 改變直昇機方向和練習停旋

After you are familiar with Step1 to 4, stand at side of the helicopter and continue practicing Step1 to 4.

Then repeat the Step1 to 4 by standing right in front of the helicopter.

當你覺得step1~4動作熟悉了，站在面對直昇機側邊並繼續練習step1~4。之後，站在直昇機機頭右邊重複步驟練習。



ADJUSTMENT OF EACH TRIM 飛行動作微調

Slowly raise the throttle stick and just as the helicopter lift-off the ground, you can use the trim to correct the action if the helicopter leans in a different direction.

慢慢升起油門搖桿，當直昇機剛剛離開地面時，若直昇機傾向不同方向，可使用微調修正動作。

1. Adjustment of elevator trim 調整升降舵微調

Just before the helicopter lift-off, the nose lean forward/backward...

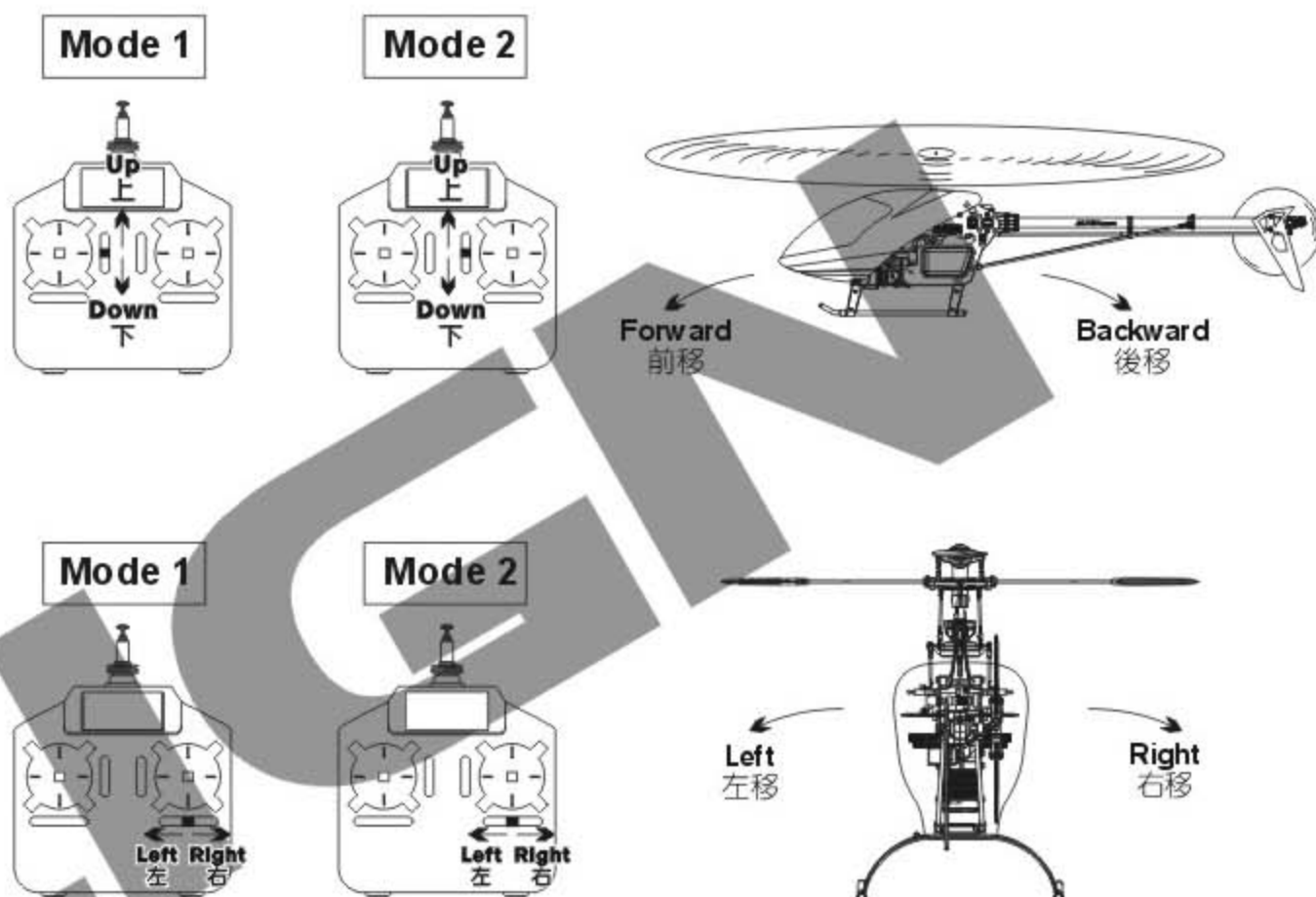
When leans forward, adjust the trim down.

When leans backward, adjust the trim up.

在直昇機正要起飛時，機頭朝前/後方向偏移...

向前偏移時，微調向下調整。

向後偏移時，微調向上調整。



2. Adjustment of Aileron trim 調整副翼微調

Just before the helicopter lift-off, the body lean left/right...

When leans right, adjust the trim to left side.

When leans left, adjust the trim to right side.

在直昇機正要起飛時，機身朝左/右方向偏移...

向右偏移時，微調向左調整。

向左偏移時，微調向右調整。

TROUBLE SHOOTING DURING FLIGHT 如何排除飛行中的狀況

	Situation 狀況	Cause 原因	Way to deal 對策
Blade Tracking 雙槳平衡	Out of tracking 雙槳	Adjustment of pitch rod has not been done. PITCH連桿長度調整不平均	Adjust the length of linkage rod(C) → Slight trim 調整連桿(C)長度→微調整
During Hovering 停旋	Low rotation of the rotor 主旋翼轉速偏低	★ Pitch of main blade is high. ★ 主旋翼的PITCH偏高 ★ Throttle curve is too low during hovering. ★ 停旋點油門曲線過低	★ Lower the pitch about 4~5 during hovering(The rotation should be about 1,600rpm during hovering). ★ 調低Pitch停旋Pitch約4-5 (停旋時主旋翼需為約1600RPM) ★ Heighten the throttle curve during hovering. ★ 調高停旋點油門曲線
	High rotation of the rotor 主旋翼轉速偏高	★ Pitch of main blade is low. ★ 主旋翼的PITCH偏低 ★ Throttle curve is too high during hovering. ★ 停旋點油門曲線過高	★ Adjust the pitch rod <C> (The rotation should be about 1,600rpm during hovering). ★ 調整連桿 <C> (停旋時主旋翼需為約1600RPM) ★ Lower the throttle curve during hovering. ★ 調低停旋點油門曲線
Sensitivity of the gyro 陀螺儀敏感度	The tail leans to one side during hovering, or when trim the rudder and return to the neutral, the tail lags and cannot stay in a control position. 停旋時尾翼向某一邊偏移，或撥動方向舵並回復到中立點時，尾翼產生延遲，無法停頓在所控制位置上。	★ Failure setting of tail neutral point. ★ 尾中立點設定不當 ★ The sensitivity of the gyro is low. ★ 陀螺儀敏感度偏低	★ Reset tail neutral point. ★ 重設尾中立點 ★ Increase the sensitivity. ★ 增加敏感度
	The tail wags left and right during flight at hovering or full speed. 停懸或全油門時尾翼左右來回快速搖擺。	The sensitivity of the gyro is high. 陀螺儀敏感度偏高	Decrease the sensitivity. 降低敏感度

※If the problem is still there even after tried above, stop flying and contact with your seller.

※在做完以上調整後，仍然無法改善情況時，應立即停止飛行並連絡您的經銷商。

ALIGN

Specifications & Equipment/規格配備:

Length/機身長: 1160mm

Height/機身高: 398mm

Main Blade Length/主旋翼長: 600mm

Main Rotor Diameter/主旋翼直徑: 1350mm

Tail Rotor Diameter/尾旋翼直徑: 240mm

Motor Pinion Gear/引擎主齒: 20T

Autorotation Tail Drive Gear/尾驅動主齒: 180T

Drive Gear Ratio/齒輪傳動比: 8.5:1:4.5 (E:M:T)

Flying Weight/全配重: Approx. 3.2kg

