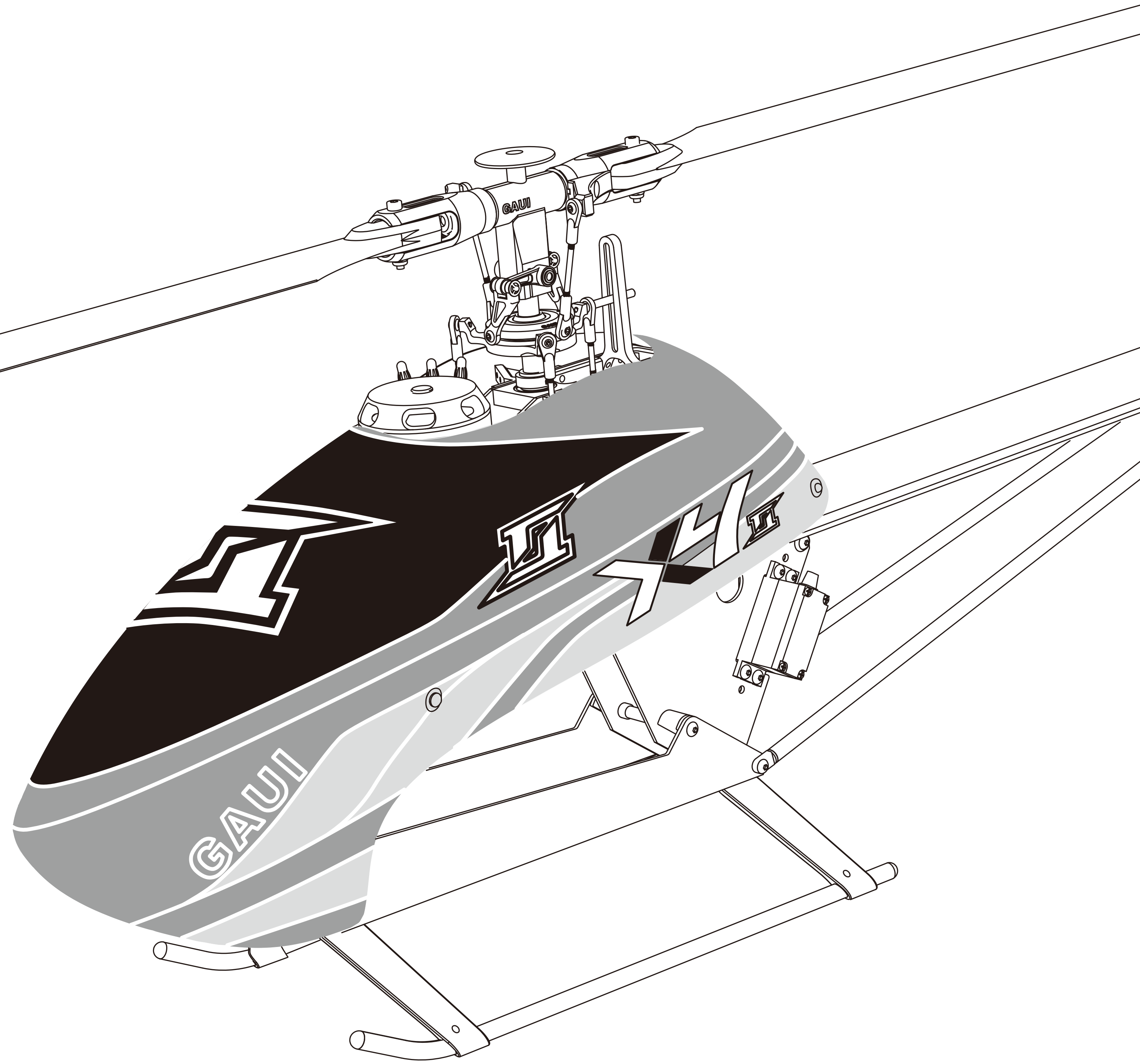
X4 II FBL ELECTRIC HELICOPTER V2.0



We recommend downloading and using the latest Manual from official **GAUI** website's download area.
我們建議您從**GAUI**官方網站的下載區，下載並使用最新的手冊。 www.gaui.com.tw

SPECIFICATION

* Factory configured CNC torque tube and tail boom assembly.
* Indexed holes on Main Shaft Bearing Blocks allow precision fit with minimal freeplay.
* One piece CNC open tail box for maximum gear protection.
* New lightweight push rod control.
* High precision CNC aluminium rotor head assembly for superior 3D performance.
* Precisely tuned servo blocks for various brand of servos.
* New ultra-rigid CF frame assembly. 100% carbon fiber frame plates.
* New CCPM control system for precision accuracy to enhance hovering and 3D flight control.
* Extreme 3D performance with explosive power.
* New high-rigid lightweight brace.
* Streamlined FRP canopy.

* Length (with canopy): 900mm
* Height: 320mm
* Width: 165mm
* Main Blade Length: 425 ~ 460mm
* Tail Blade Length: 70 ~ 77mm
* Main Rotor Diameter: 970 ~1040mm
* Tail Rotor Diameter: 210~222mm
* Weight: 1780g ±5% (with engine and electronics)
* Gear Ratio: 6.67: 1: 4.07 (For 18T Pinion)
* Servos: Mini servo

INDEX

Thank you for purchasing a GAUI High Performance RC Helicopter from Tai Shih Hobby Corporation (TSH). We hope you will enjoy the joy of flight.

感謝您購買泰世科技出品的GAUI高性能遙控直升機，我們希望您可以盡情享受飛行的樂趣。

In order to understand full assembly sequences, this instruction manual shows the assembly information of this model. Note that some of the components are pre-assembled from the factory. Please refer to the manual when carrying out maintenance or replacing parts.

為了要讓使用者詳細瞭解組裝順序，即使有些部件已經預先組裝完成，本說明書將提供這台遙控模型的組裝資訊。同時，敬請參閱保養與主要零件更換資訊。

CAUTION: This radio controlled helicopter is not a toy.
警告：這台遙控直升機不是玩具。
SAFETY PRECAUTIONS
This kit includes some preassembled components. Please check for any loose screws and tighten them before you proceed with assembly. You are responsible for assembly, safe operation, maintenance, inspection and adjustment of the model. Before beginning assembly, please read these instructions thoroughly.

Please also inspect all parts. If you find any defective or missing parts, contact your local dealer or GAUI TSH distributor. Before you proceed to fly your RC helicopter, please check and follow the thoroughly related regulation of aero modeling in your country/region.

安全資訊與注意事項
這台遙控模型包含預先組合完成的部件。
在進行組裝之前，請仔細檢查這些預先組裝部件上的所有螺絲均有仔細鎖緊。
您有完全的責任對於這台遙控模型的組裝，安全操作，保養，檢查與調整。
請先檢查所有的零件，如果發現任何不良品，遺失品，請向購買的模型店或是當地的泰世代理商連絡。
在您進行遙控直升機活動時，請先詳細瞭解與遵守當地遙控模型的相關法規。

Improper operation, maintenance or assembly can potentially cause the RC Helicopter to pose a danger to persons or objects including but not limited to the possibility of causing serious physical injury and even death.
Moving components can present a hazard to operators and anyone or anything that could be in the flying area of the RC helicopter.
Under no circumstance should a minor be allowed to operate this RC helicopter without the approval, monitor and direction of his parent or legal guardian who takes full responsibility for all of the minor's actions.
This product should be operated by an experienced mature radio control helicopter pilot under controlled safety conditions and on locations properly authorized and setup for safe flying and away from other people.
Do not operate an RC helicopter within the vicinity of residences, trees, or electrical power lines during inclement weather or near crowds of people.
The manufacturer and/or its distributors assume no responsibility or liability whatsoever for any damages including but not limited to ones generated by incidental or consequential damages. The operator of the helicopter assumes all responsibility and liability that result from the correct or incorrect operation of the helicopter.

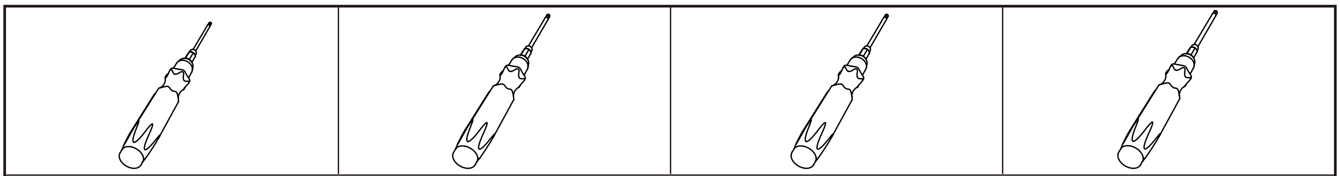
免責聲明
本產品是無線遙控的直升機。
不當的操作，保養或是組裝有可能導致遙控直升機對於人身或是物品造成危險。
包括，但是不局限於對於人體產生嚴重傷害甚至死亡的可能性。
所有的移動部件可能對於操作的使用者，旁人或是這台遙控直升機飛行場的任何人或物品產生傷害。 未成年的人如果要操作這台遙控直升機需要父母或是監護人的同意， 並在監督與指導下才能進行操作並遠離周遭障礙物及人群等，其父母或是監護人需負起所有責任與法律責任。
以下場合與情況禁止操作遙控直升機：居家房屋附近、天候不佳時、非空曠區域、樹木、電線竿或是人群附近。
製造廠商與其經銷商都不對於所有的傷害，包含但是不局限於偶然或是連續發生的傷害負擔任何責任。
本產品的使用者要對於正確地或是不正確地操作的結果需負擔所有責任。
本產品一但離開製造廠商的控制範圍外，製造廠商無法對於下列事項保持監督與控管：組裝，保養，維修與操作這台遙控直升機。

The Academy of Model Aeronautics (AMA) is a national organization representing modelers in the United States.
Please refer to the National Model Aircraft safety code from AMA Member Manual for details: http://www.modelaircraft.org/files/memanual.pdf

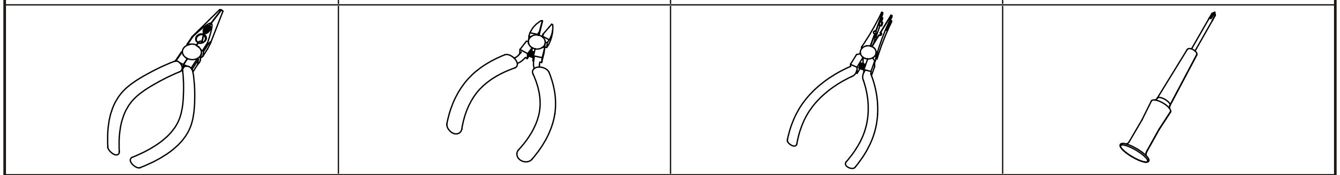
Partially reprinted rules that are especially pertinent for Radio Controlled flight:

RADIO CONTROL
1. All pilots shall avoid flying models over unprotected people.
2. I will complete a successful radio equipment ground-range check in accordance with the manufacturer’s recommendations before the first flight of a new or repaired aircraft.
3. At all flying sites a safety line or lines must be established, in front of which all flying takes place. Only personnel associated with flying the model aircraft are allowed at or in front of the safety line. In the case of air shows or demonstrations a straight safety line must be established.
An area away from the safety line must be maintained for spectators.
Intentional flying behind the safety line is prohibited.
(See AMA Document #706for Recommended Field Layout.)
4. I will operate my model aircraft using only radio-control frequencies currently allowed by the Federal Communications Commission (FCC).
Only individuals properly licensed by the FCC are authorized to operate equipment on Amateur Band frequencies.
5. I will not knowingly operate my model aircraft within three (3) miles of any preexisting flying site without a frequency-management agreement.
(See AMA Document #922 for Testing for RF Interference.
See AMA Document#923 for Frequency Management Agreement.)
6. With the exception of events flown under official AMA Competition Regulations rules, excluding takeoff and landing, no powered model may be flown outdoors closer than 25 feet to any individual, except for the pilot and the Pilot’s helper(s) located at the flight line.
7. Under no circumstances may a pilot or other person touch a model aircraft in flight while it is still under power, except to divert it from striking an individual. This does not apply to model aircraft flown indoors.
8. Radio-controlled night flying requires a lighting system that provides the pilot with a clear view of the model’s attitude and orientation at all times.
9. The operator of a radio-controlled model aircraft shall control it during the entire flight, maintaining visual contact without enhancement other than by corrective lenses that are prescribed for the pilot. First-Person View(FPV) flying may only be conducted in accordance with the procedures outlined in AMA Document #550.

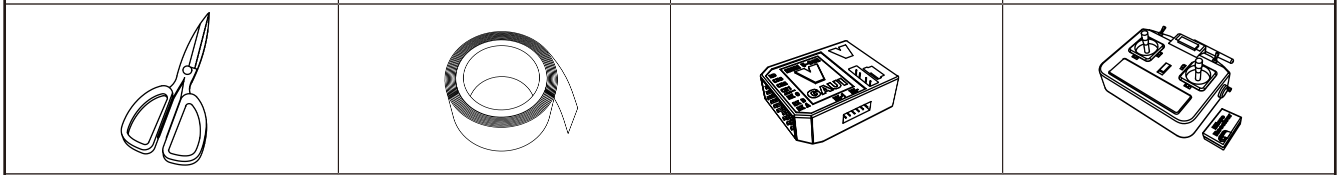
These special codes and appropriate documents may be obtained either from the AMA Web site at www.modelaircraft.org or by contacting AMA.
Academy of Model Aeronautics 5161 East Memorial Drive Muncie, IN 47302
Tel.: (765) 287-1256
Fax: (765) 289-4248



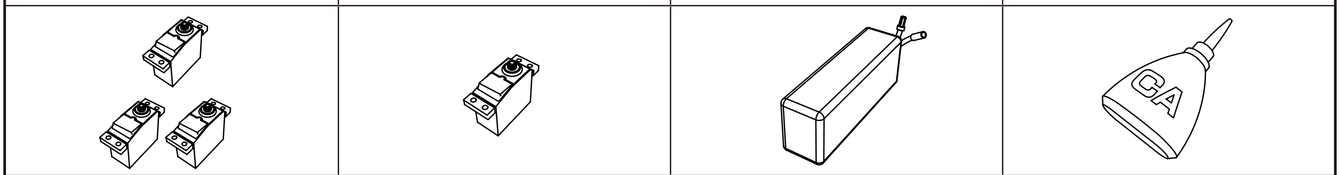
2.0mm Hexagon screwdriver	3.0mm Hexagon screwdriver	2.5mm Hexagon screwdriver	3.5mm Hexagon screwdriver
2.0mm 六角螺絲起子	3.0mm 六角螺絲起子	2.5mm 六角螺絲起子	3.5mm 六角螺絲起子



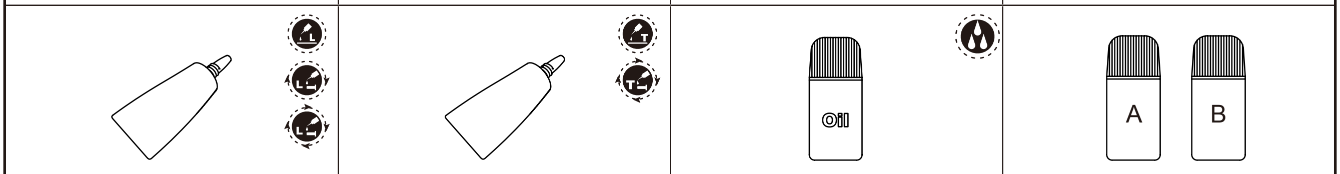
Needle-nosed pliers	Diagonal cutting plier	Ball Link Plier	Phillips screwdriver
尖嘴鉗	斜口鉗	拔豆鉗	十字螺絲起子



Scissors	High Strength Tape	FBL system	Transmitter & Receiver (6 channel +)
剪刀	高韌性強力黏著膠帶	陀螺儀	六動以上接收機&發射機



CCPM Mini servo x3pcs	Tail Specialized Servo x1pc	Battery 6S 22.2v 2200~5000mAh	CA
CCPM伺服機x3個	尾舵伺服機x1個	鋰聚電池6S 22.2v 2200~5000mAh	瞬間膠



General thread lock	Anaerobic adhesive	Lubricant / one-way bearing grease	AB glue
螺絲止鬆劑	特殊型缺氧膠	潤滑油 / 單向軸承油	AB黏著劑

Apply anaerobic adhesive.
Be certain to tighten screw and apply thread lock.
特殊型缺氧膠
務必鎖緊螺絲並確認上膠

Apply AB glue
使用AB黏著劑

Assembly package
組裝對應號碼

Apply general thread lock.
Tighten screw and apply thread lock.
一般型止鬆劑
鎖緊螺絲並確認上膠

Apply general thread lock.
Be certain to tighten screw and apply thread lock.
一般型止鬆劑
務必鎖緊螺絲並確認上膠

Danger: High level of attention must be taken during assembly.
Action during assembly might be hazardous.
Extreme care should be taken to avoid injury.
危 險: 組裝過程中請小心安裝並注意
此危險程度可能造成安全性漏洞
導致人為傷害。

Apply general thread lock.
一般型止鬆劑

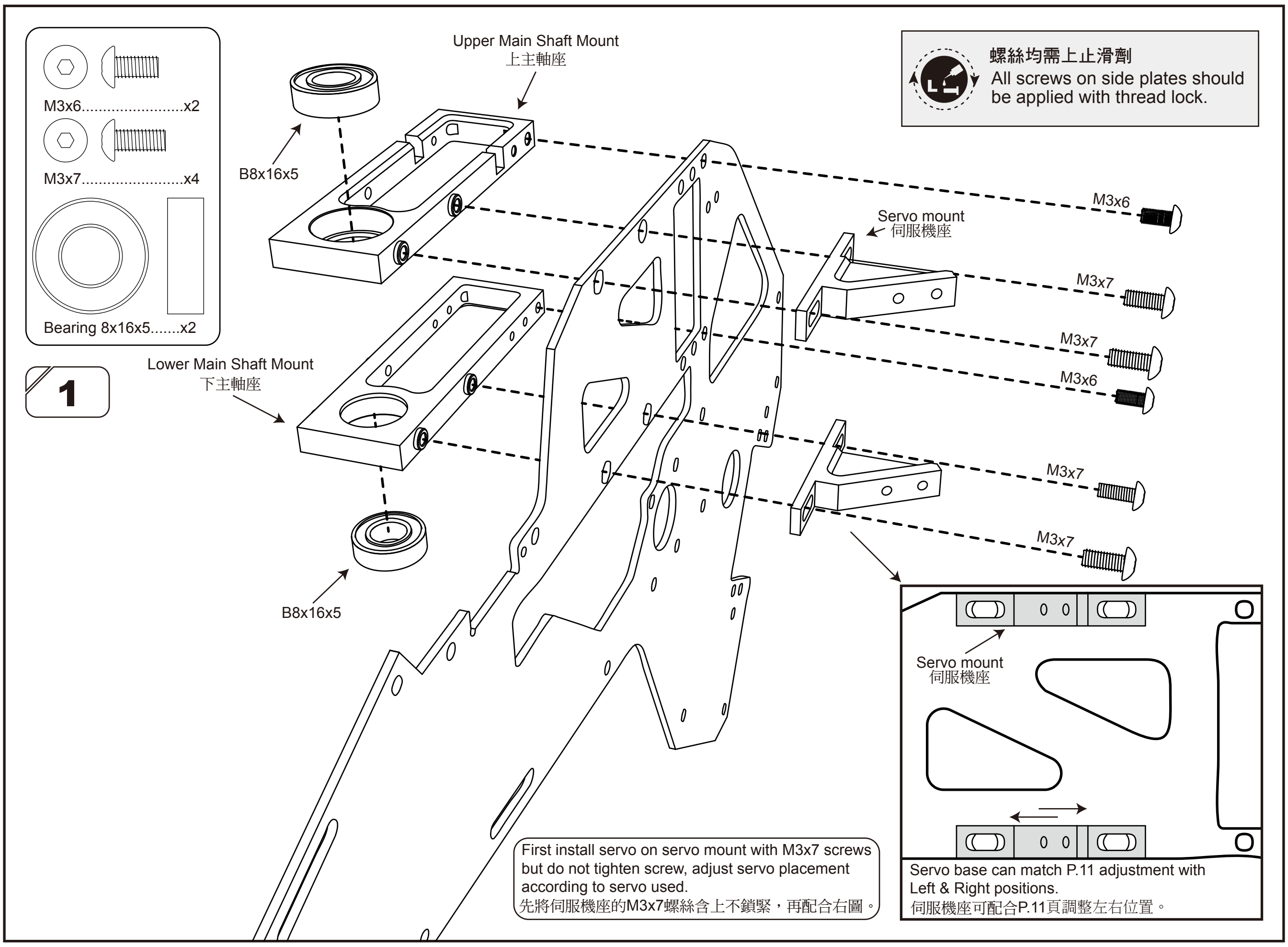
Apply anaerobic adhesive.
使用特殊型缺氧膠。

Apply CA glue
使用瞬間黏著劑

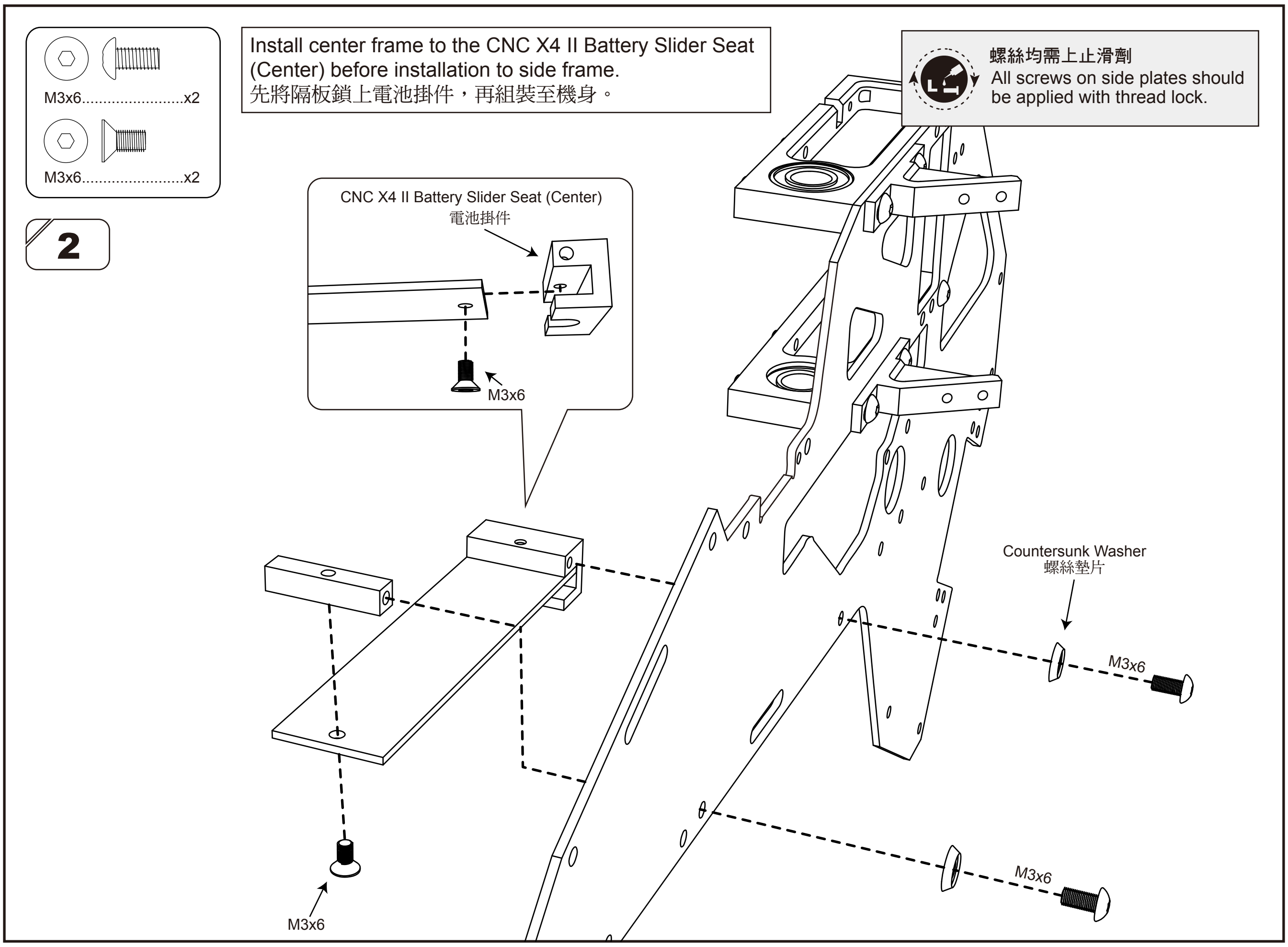
Apply lubricant
依個人需求使用潤滑油。

Pillar P-柱狀體	P(Dia.out)x(Length) P(外徑)X(長度)X(實心柱)
N-Nut N-螺母	N(Dia.out)x(Width) L-Lock nut N(外徑)X(長度)
W-Washer W-華司	W(Dia.in)xDia.out)x(Thickness) W(內徑)X(外徑)X(厚度)
P-tube P-柱狀體	P(Dia.in)x(Dia.out)x(Length) P(內徑)X(外徑)X(長度)
B-Bearing B-軸承	B(Dia.in)x(Dia.out)x(Thickness) B(內徑)X(外徑)X(厚度)
Ø-TapScrew Ø-粗牙螺絲	Ø(Dia.out)x(Length) Ø(外徑)X(長度)
M-Machine Screw M-公制螺絲	M(Dia.out)x(Length) M(外徑)X(長度)

Make sure to assemble the parts as shown in figure above. Incomplete or incorrect assembly may cause control failure during flight.
以上圖示，於組裝時請確實注意，避免組裝後試飛造成失控零件鬆脫等情況發生。



Frame assembly 機身組裝 GAUI TAI SHIH HOBBY CORPORATION

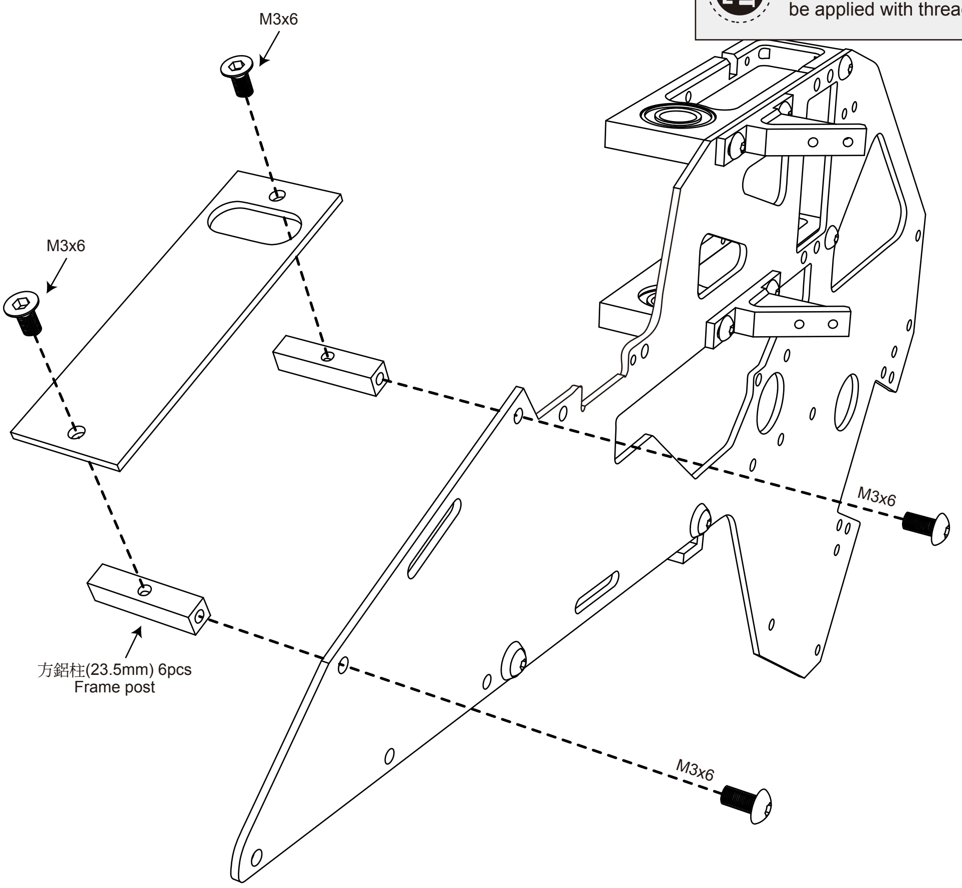


M3x6........................x2

M3x6........................x2

3

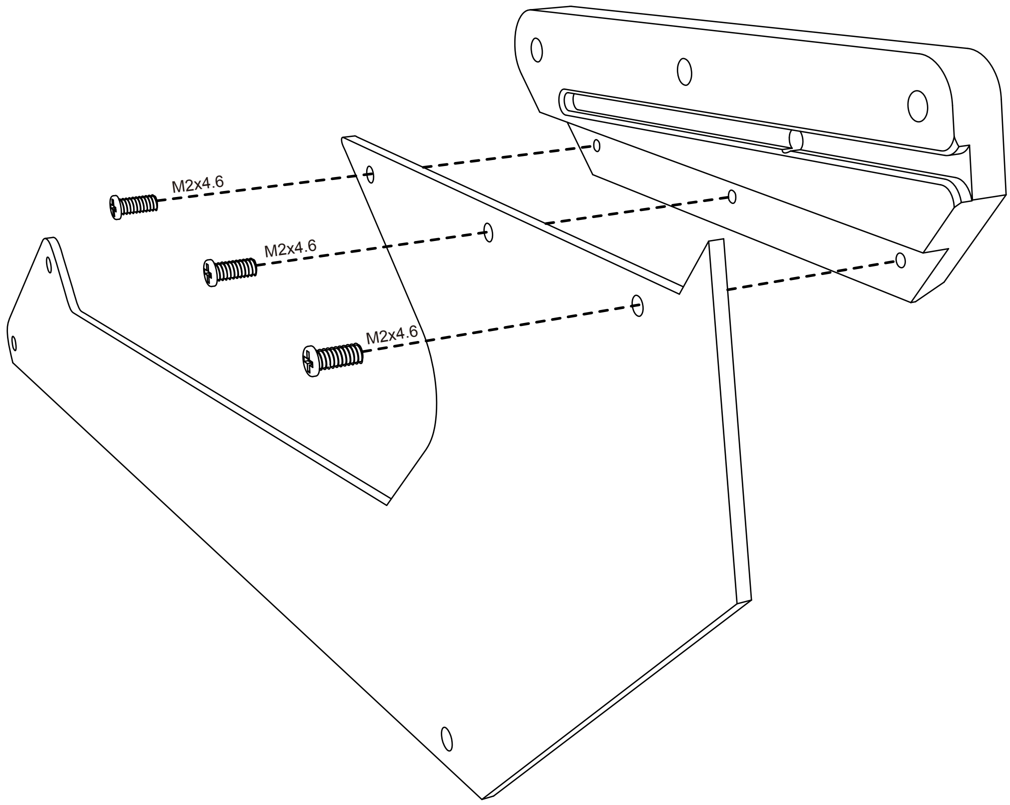
螺絲均需上止滑劑
All screws on side plates should be applied with thread lock.

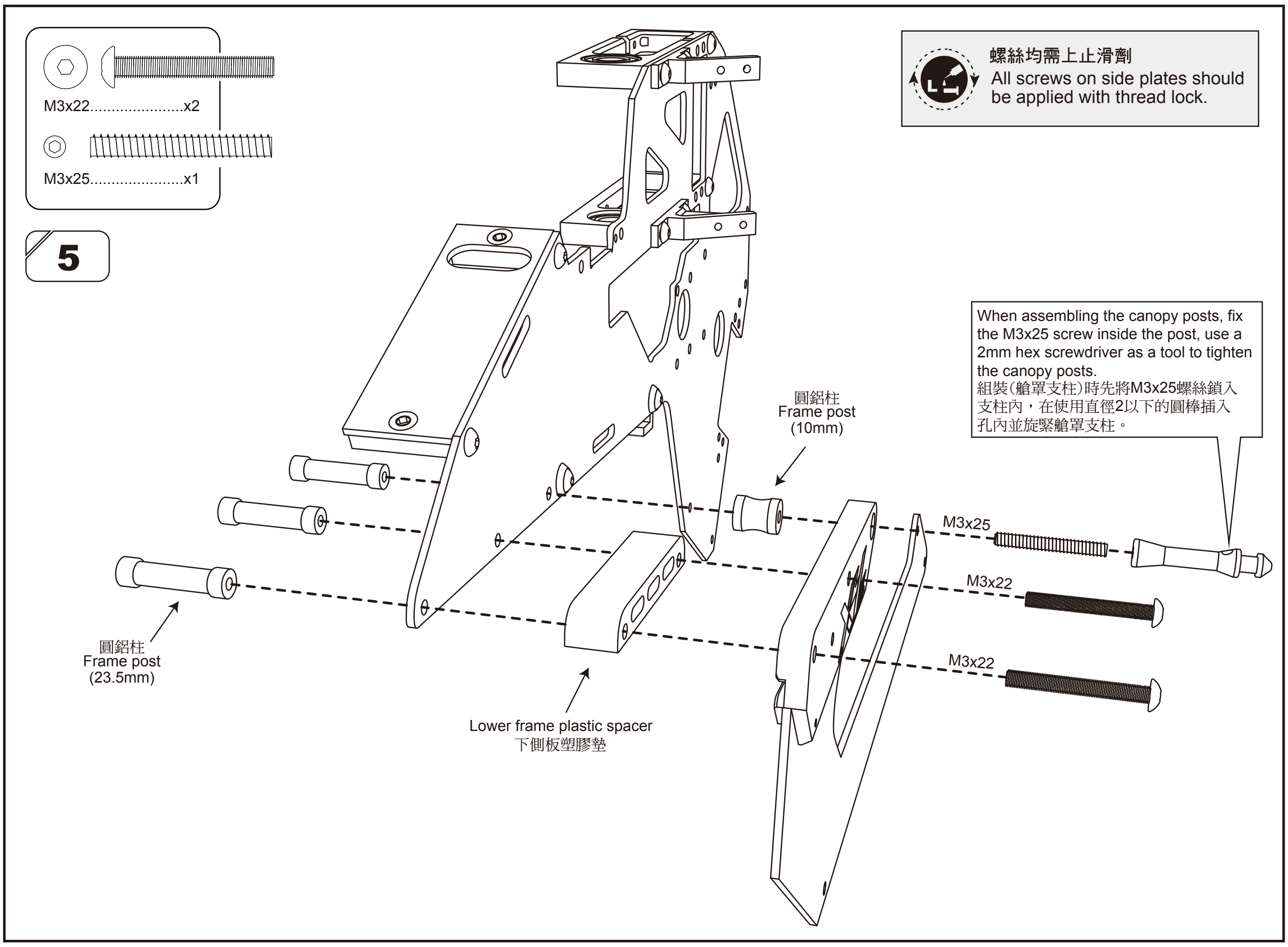


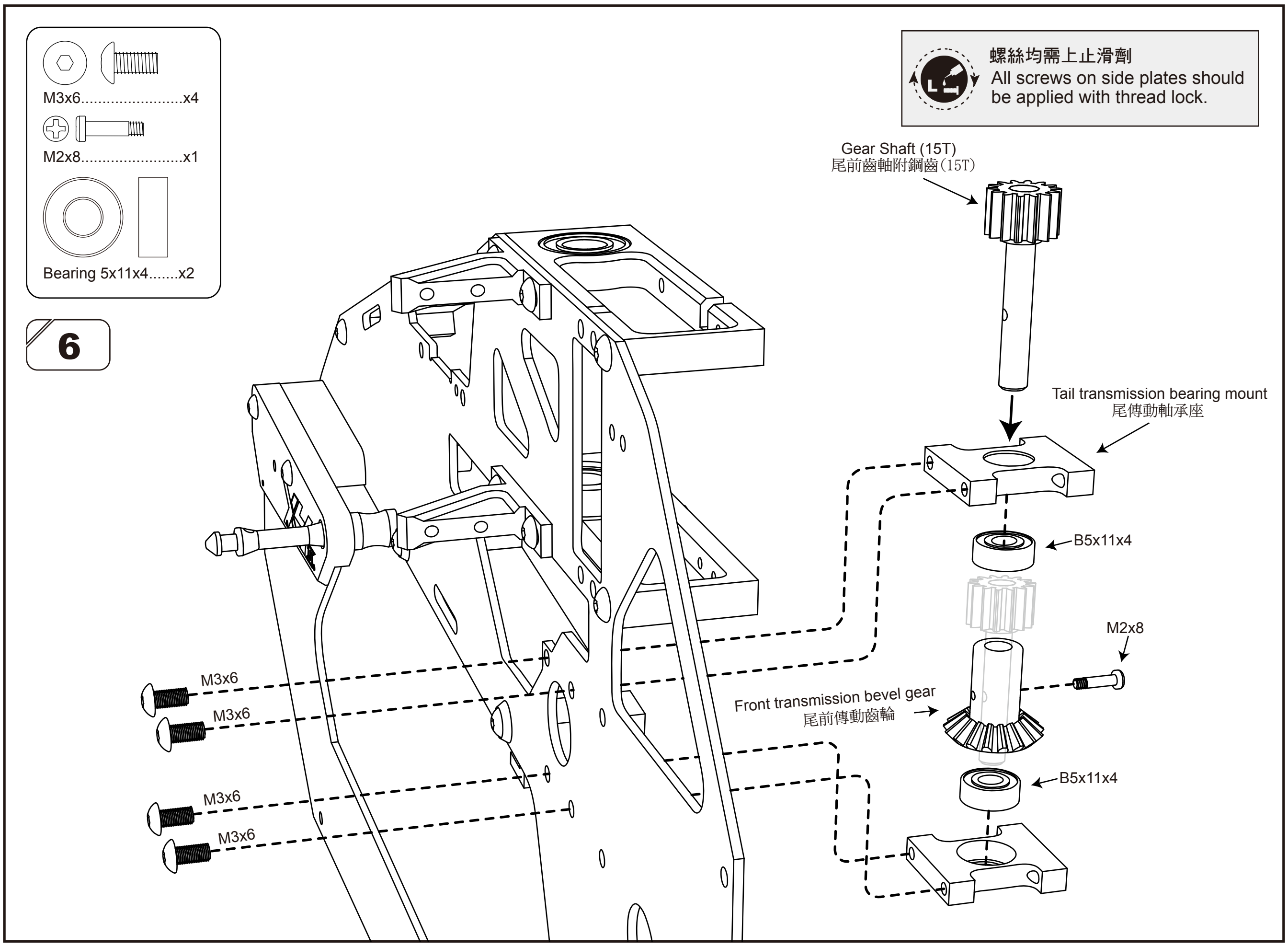
M2x4.6....................x3

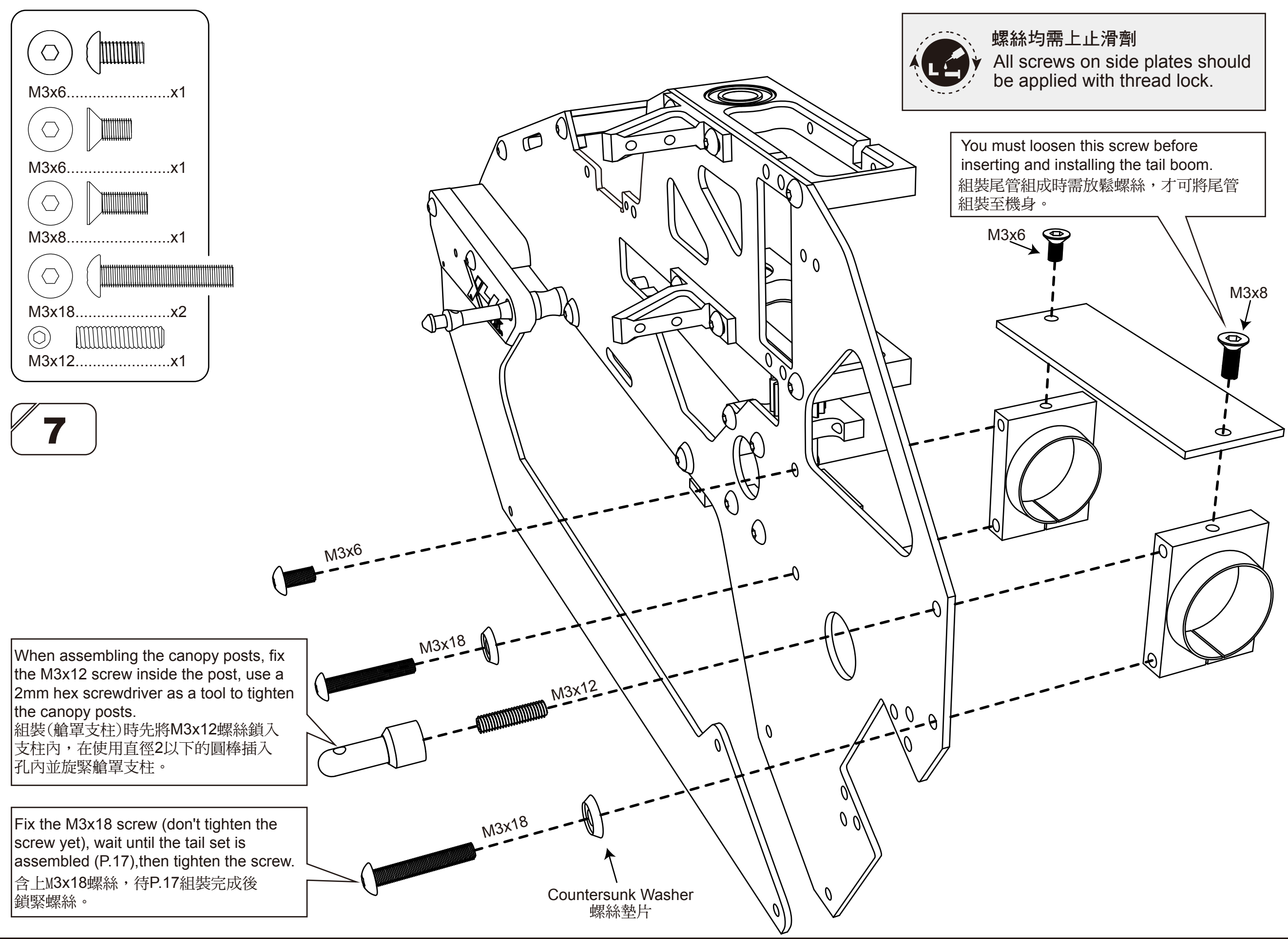
4

螺絲均需上止滑劑
All screws on side plates should be applied with thread lock.

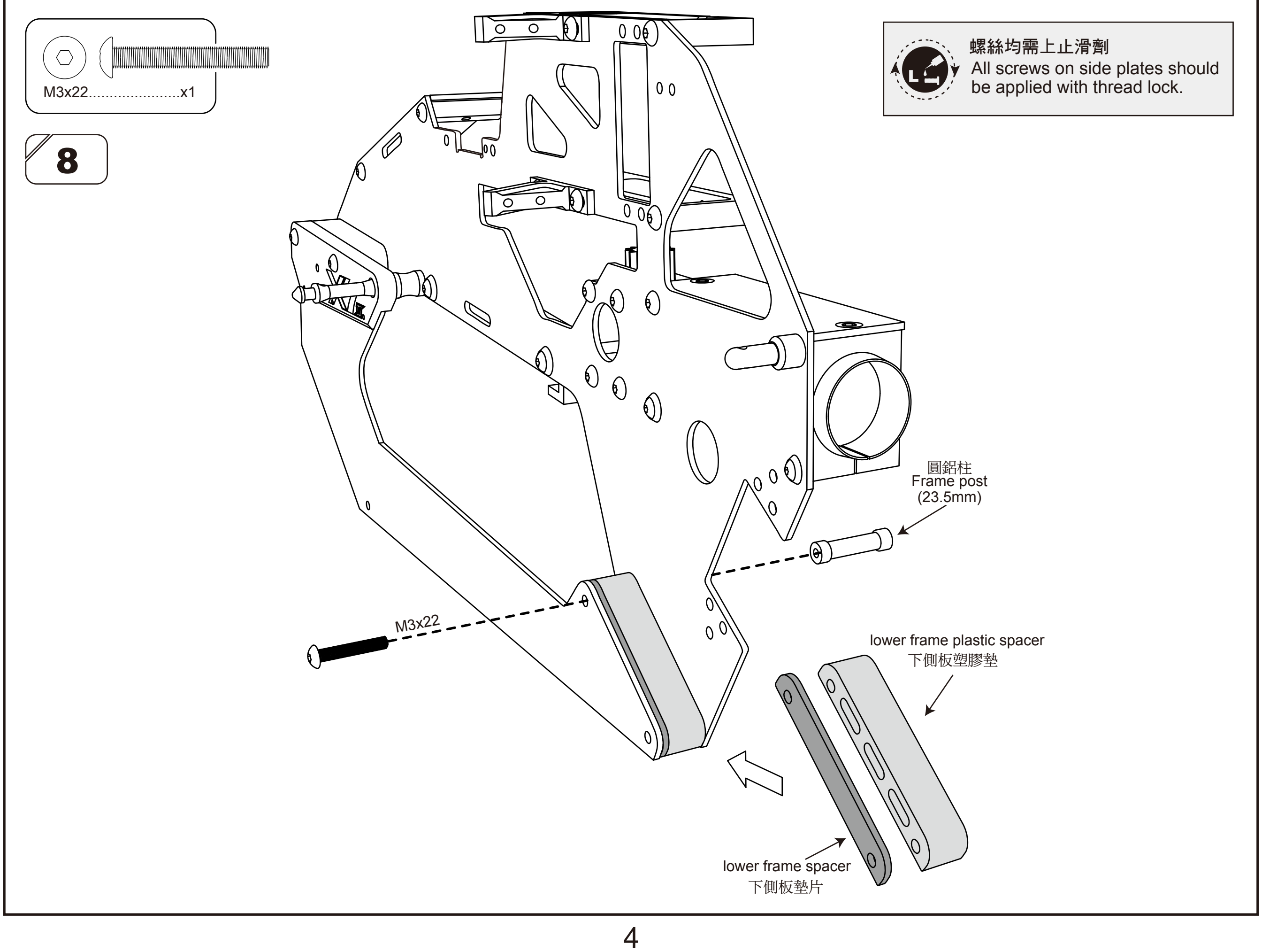


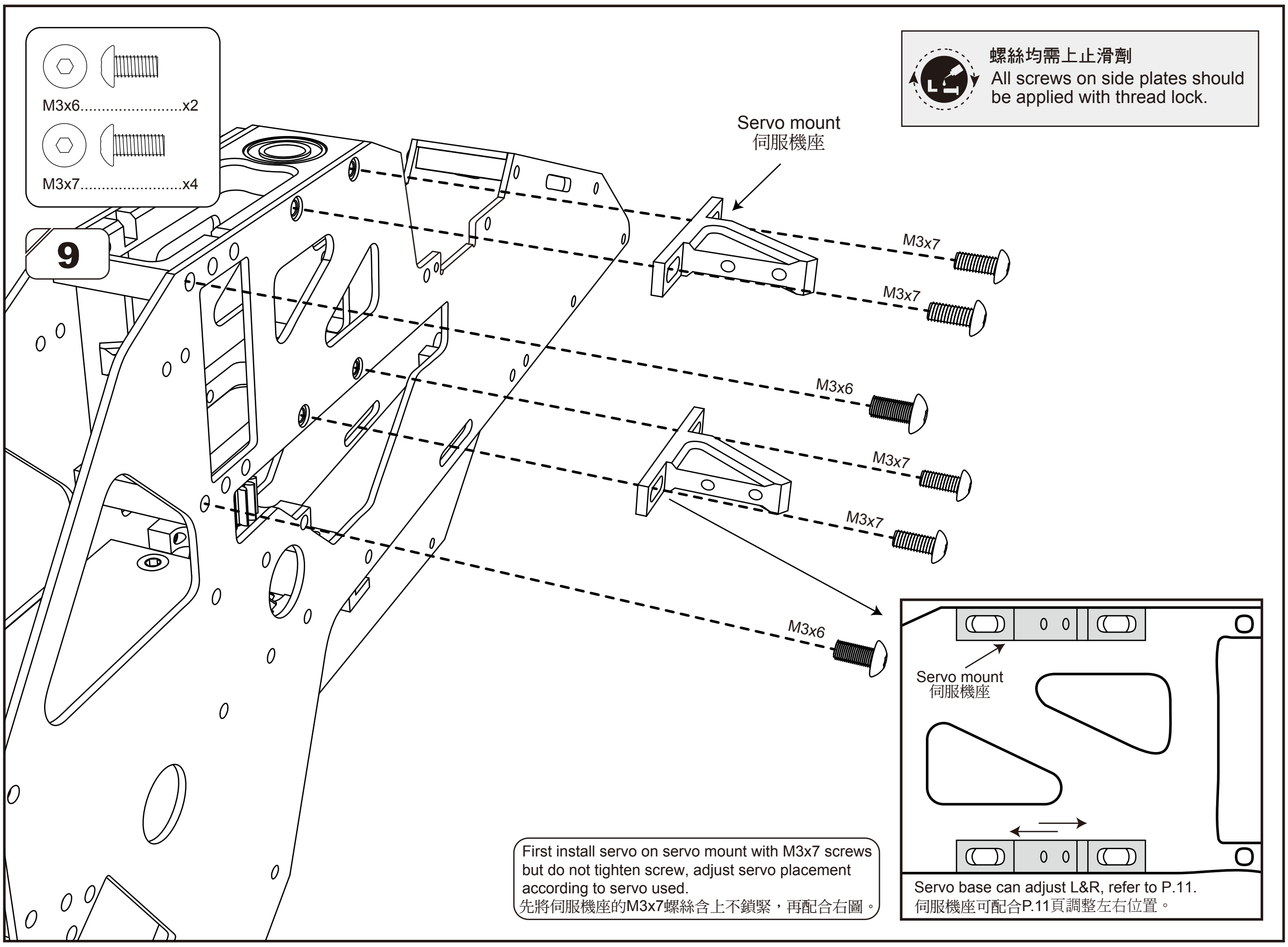

M3x22......................x2
M3x25......................x1
5
螺絲均需上止滑劑
All screws on side plates should be applied with thread lock.
When assembling the canopy posts, fix the M3x25 screw inside the post, use a 2mm hex screwdriver as a tool to tighten the canopy posts.
組裝(艙罩支柱)時先將M3x25螺絲鎖入支柱內，在使用直徑2以下的圓棒插入孔內並旋緊艙罩支柱。
圓鋁柱
Frame post
(10mm)
M3x25
M3x22
M3x22
圓鋁柱
Frame post
(23.5mm)
Lower frame plastic spacer
下側板塑膠墊


M3x6........................x4
M2x8........................x1
Bearing 5x11x4.......x2
6
螺絲均需上止滑劑
All screws on side plates should be applied with thread lock.
Gear Shaft (15T)
尾前齒軸附鋼齒(15T)
Tail transmission bearing mount
尾傳動軸承座
B5x11x4
M2x8
Front transmission bevel gear
尾前傳動齒輪
B5x11x4
M3x6
M3x6
M3x6
M3x6

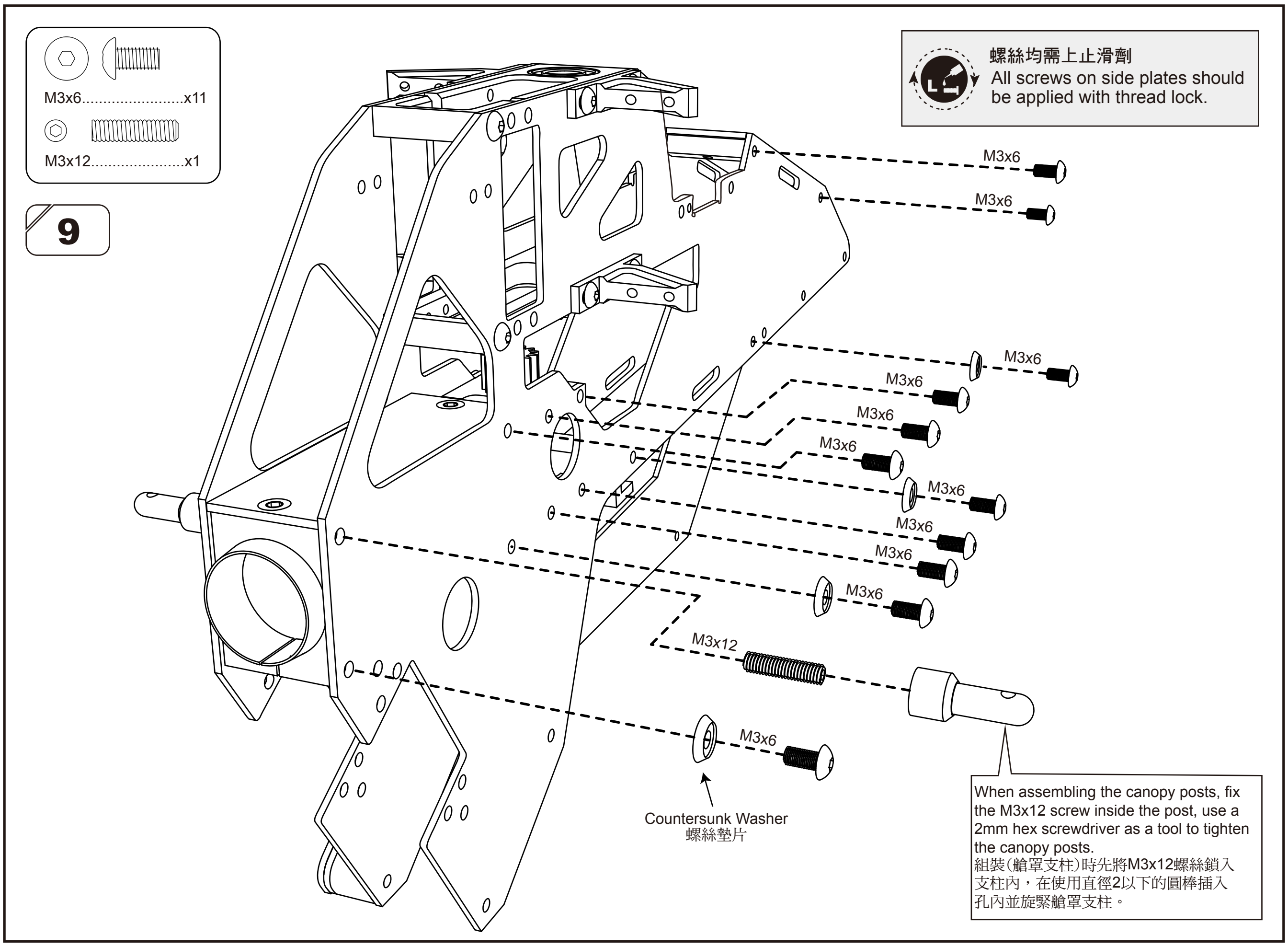


Frame assembly 機身組裝 GAUI TAI SHIH HOBBY CORPORATION





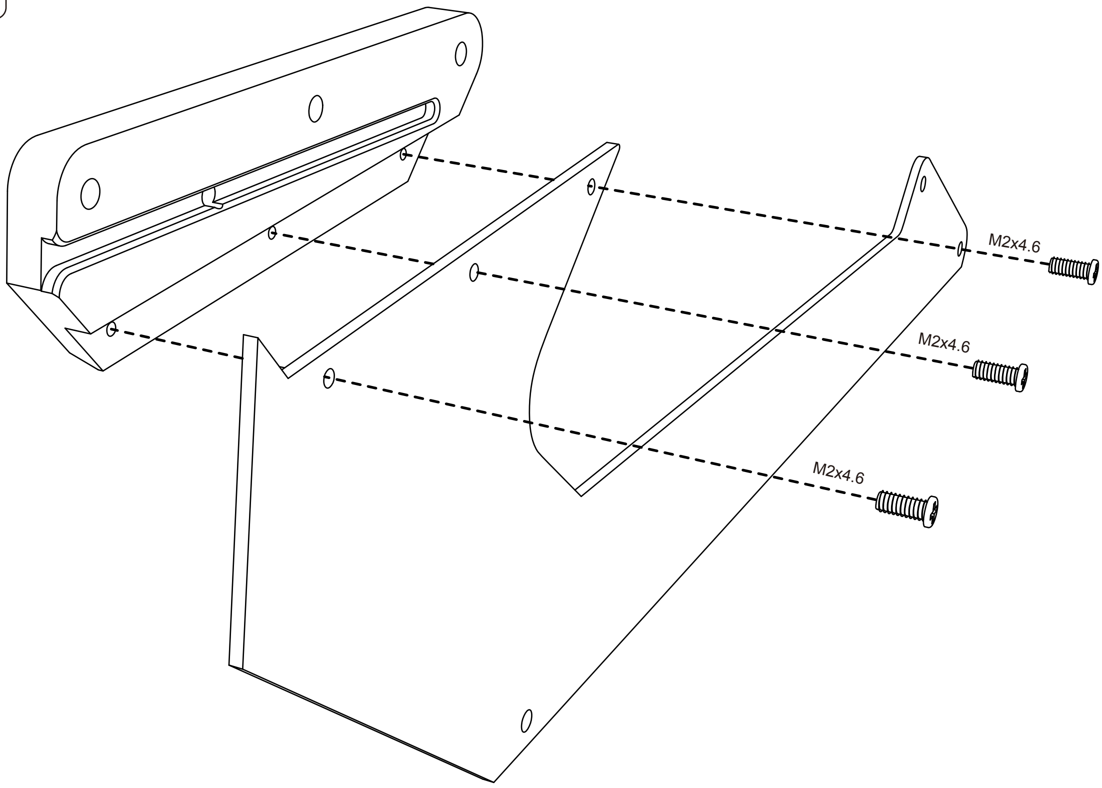
Frame assembly 機身組裝 GAUI TAI SHIH HOBBY CORPORATION



M2x4.6....................x3

螺絲均需上止滑劑
All screws on side plates should be applied with thread lock.

10

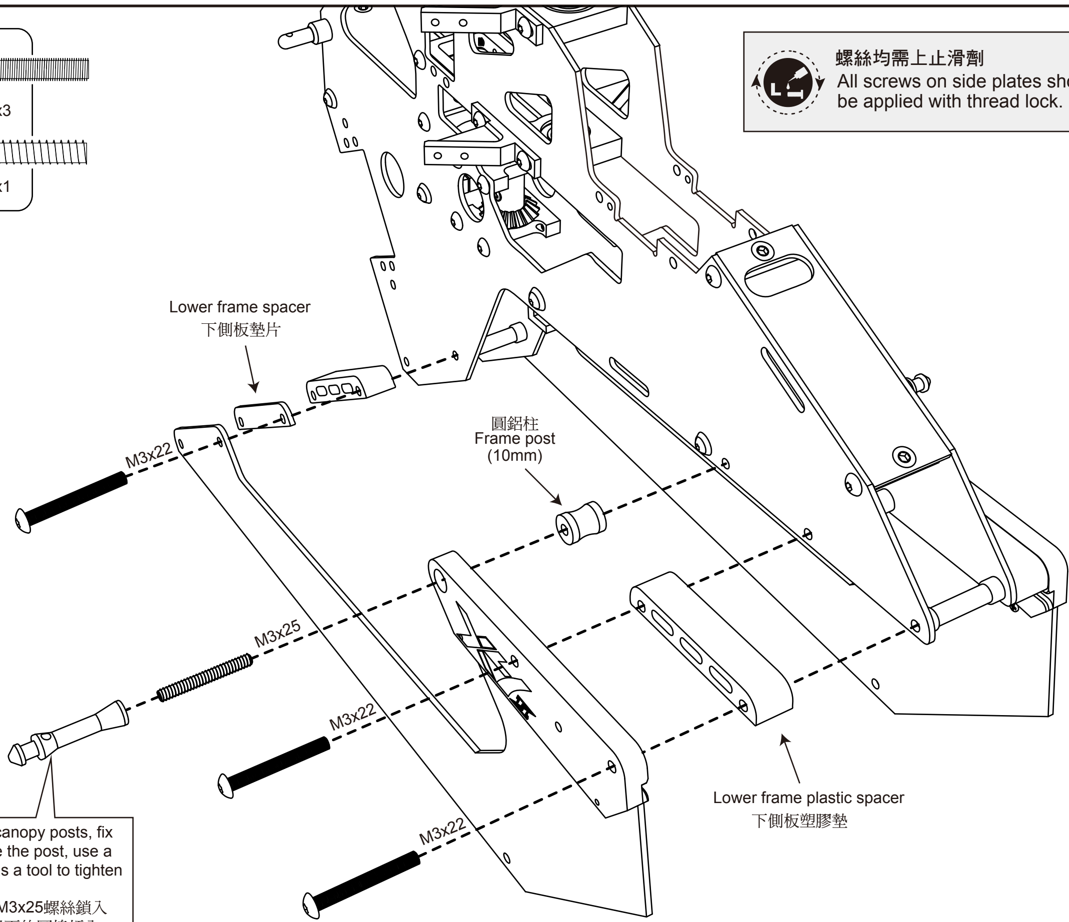


M3x22......................x3

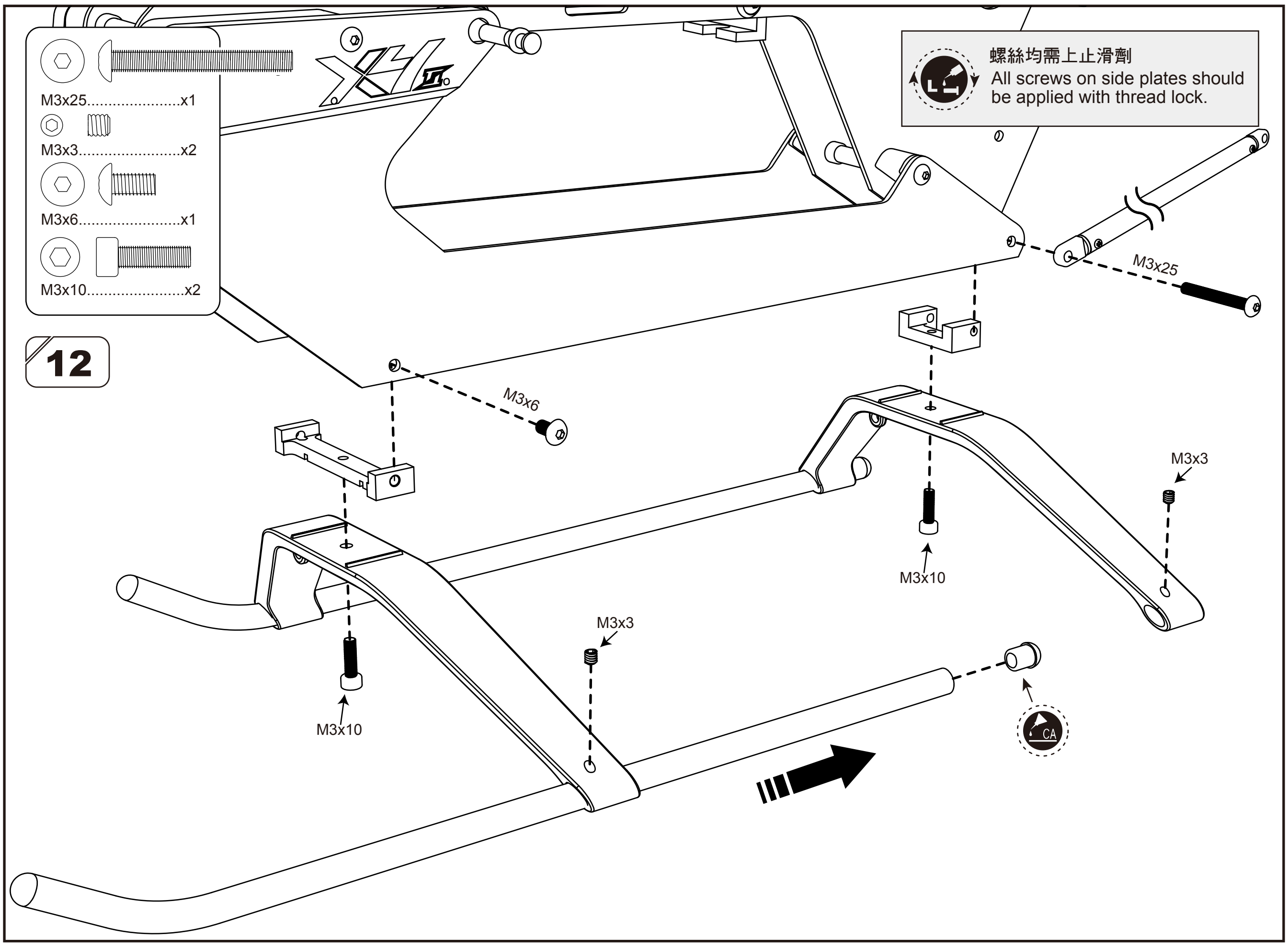
M3x25......................x1

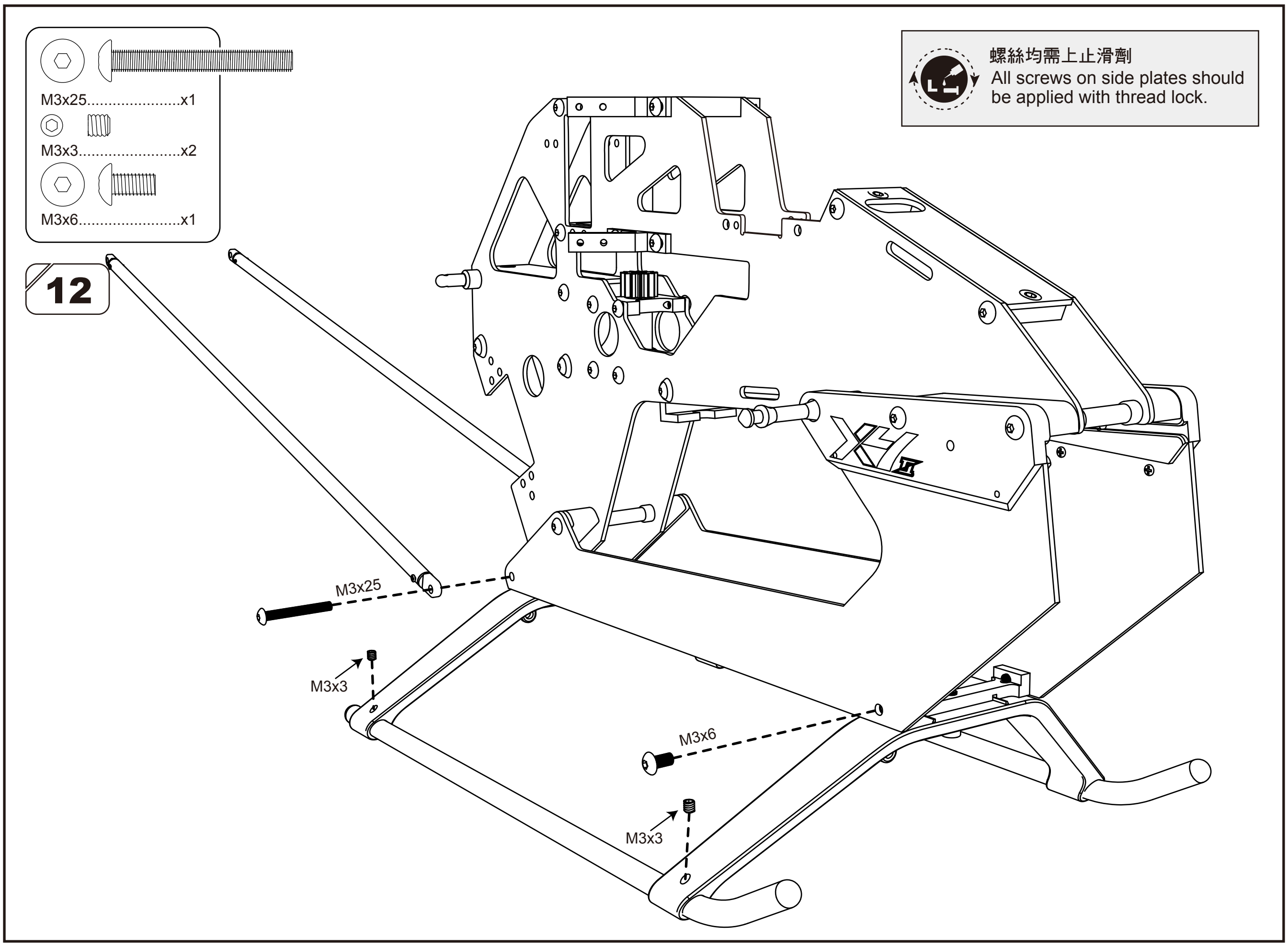
螺絲均需上止滑劑
All screws on side plates should be applied with thread lock.

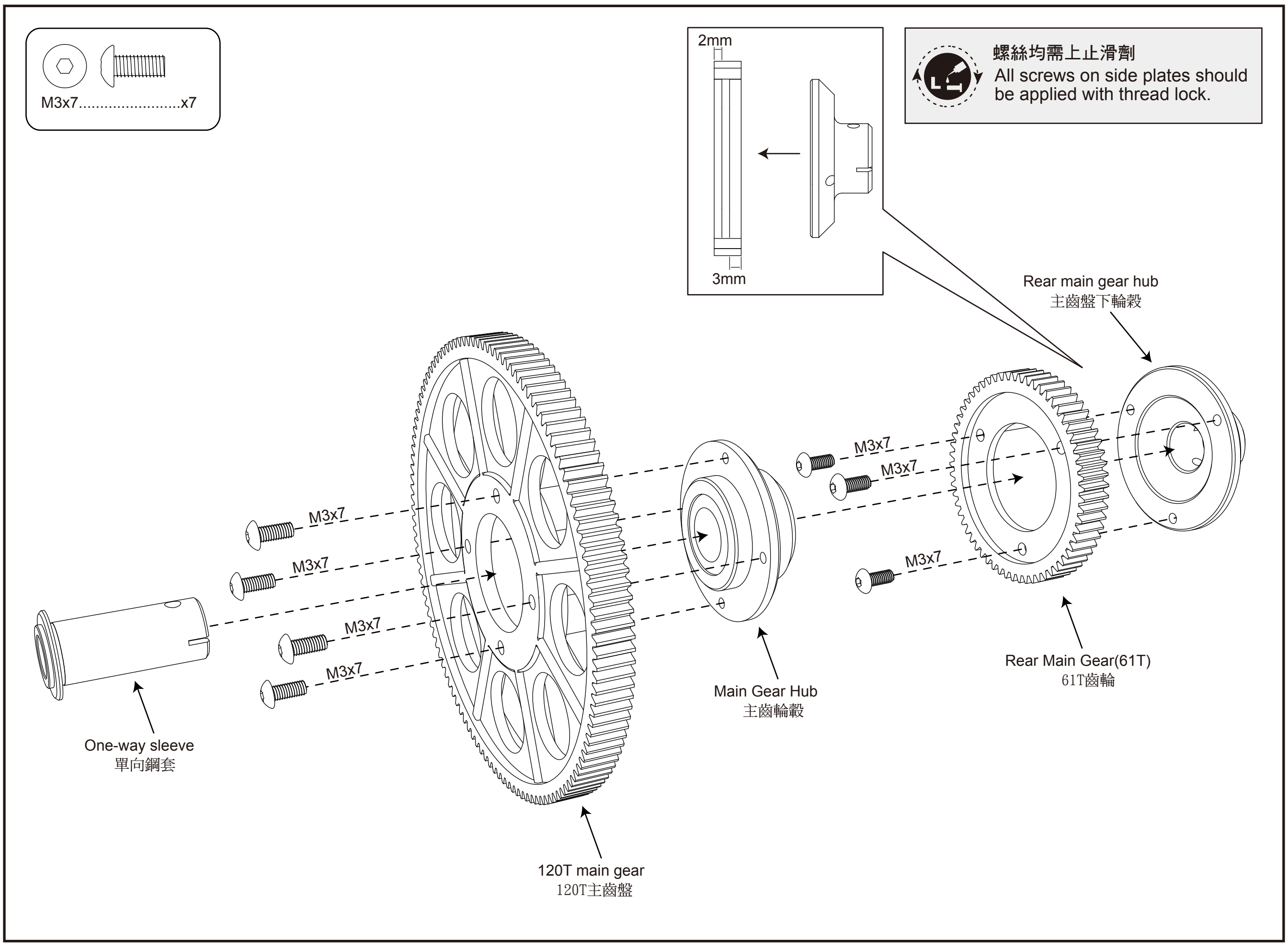
11



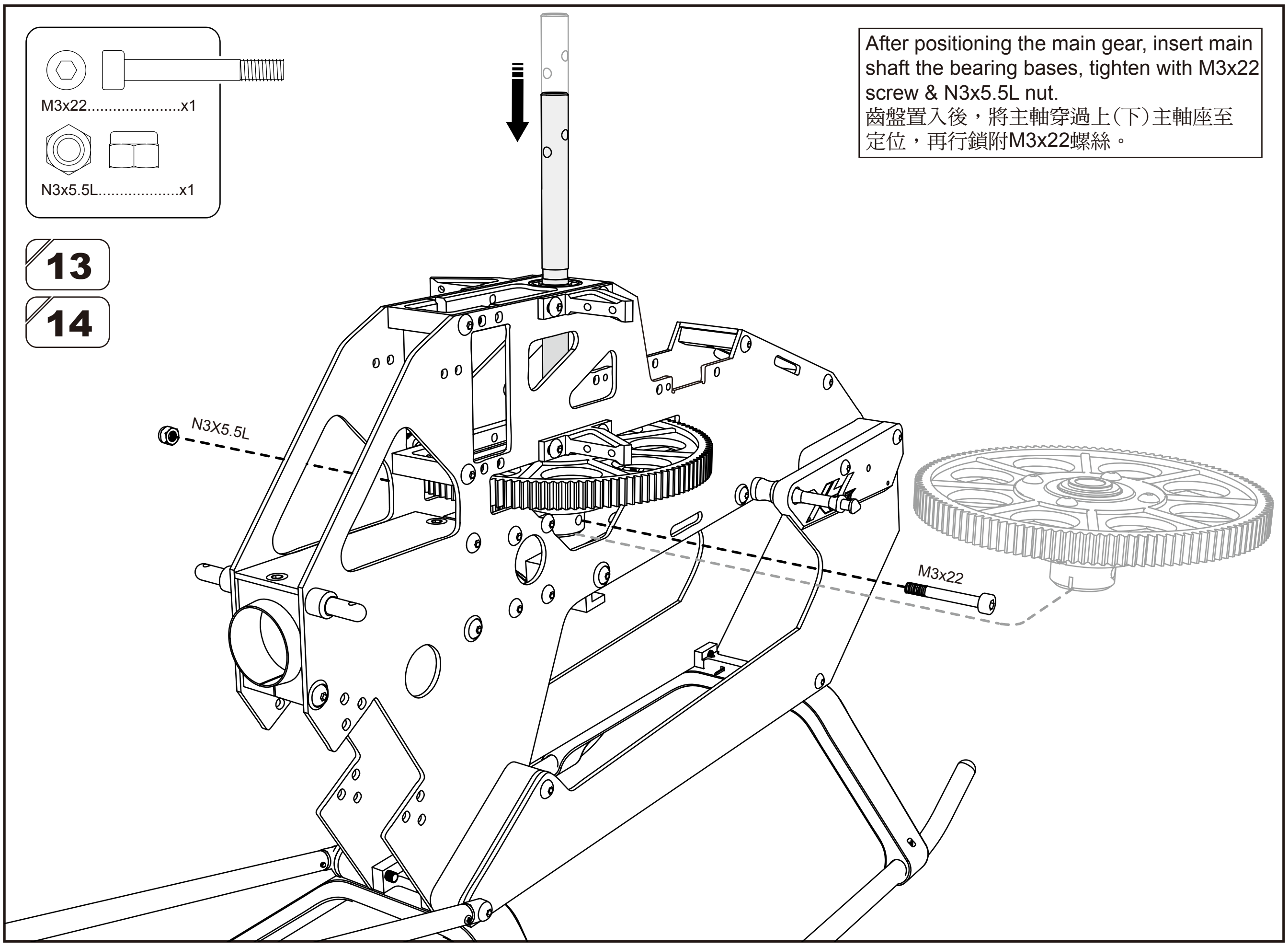
When assembling the canopy posts, fix the M3x25 screw inside the post, use a 2mm hex screwdriver as a tool to tighten the canopy posts.
組裝(艙罩支柱)時先將M3x25螺絲鎖入支柱內，在使用直徑2以下的圓棒插入孔內並旋緊艙罩支柱。


M3x25......................x1
M3x3........................x2
M3x6........................x1
M3x10.......................x2
12
螺絲均需上止滑劑
All screws on side plates should be applied with thread lock.
M3x25
M3x6
M3x3
M3x10
M3x3
M3x10
CA


M3x25......................x1
M3x3........................x2
M3x6........................x1
12
螺絲均需上止滑劑
All screws on side plates should be applied with thread lock.
M3x25
M3x3
M3x6
M3x3

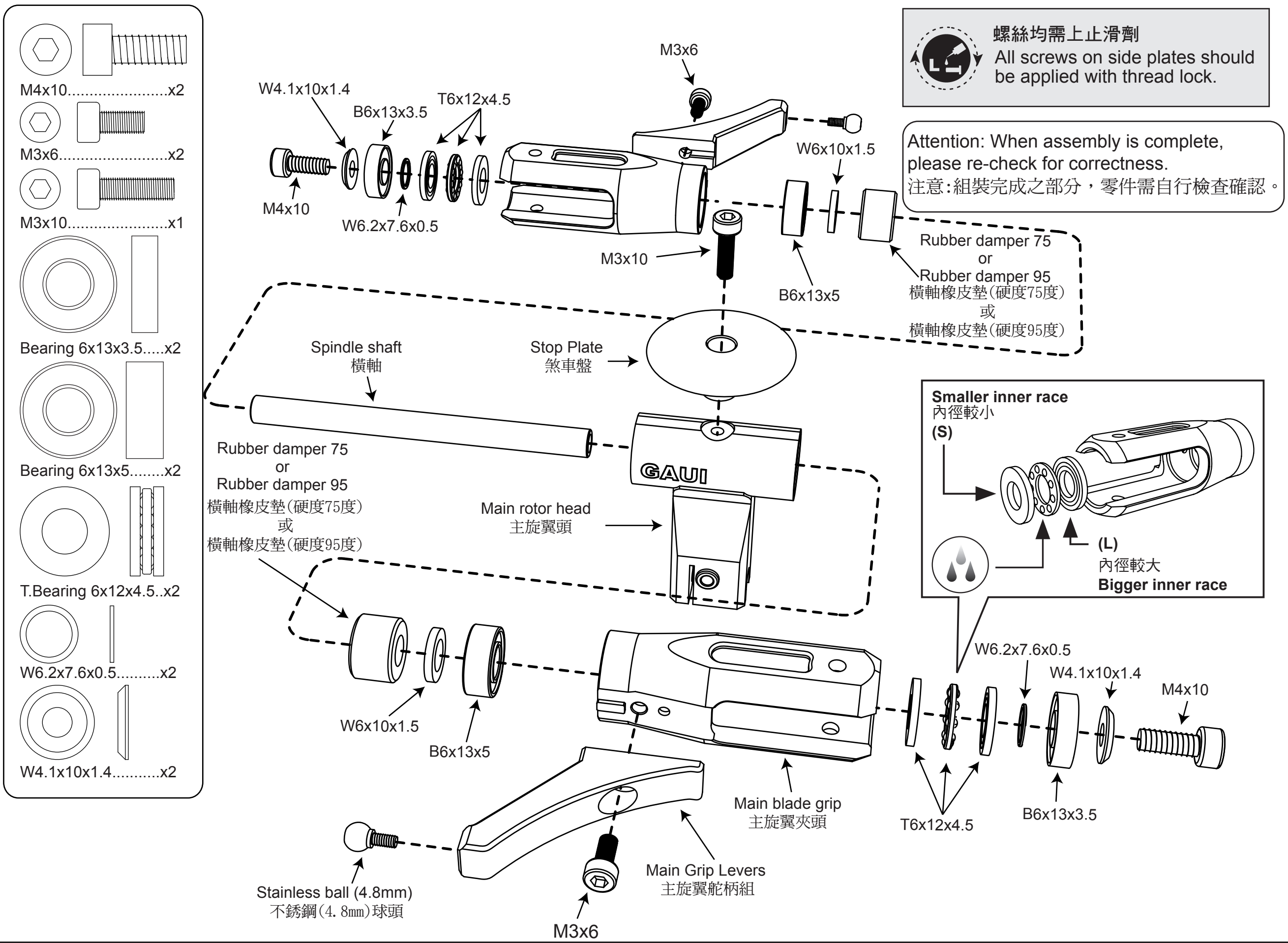


After positioning the main gear, insert main shaft the bearing bases, tighten with M3x22 screw & N3x5.5L nut.
齒盤置入後，將主軸穿過上(下)主軸座至定位，再行鎖附M3x22螺絲。



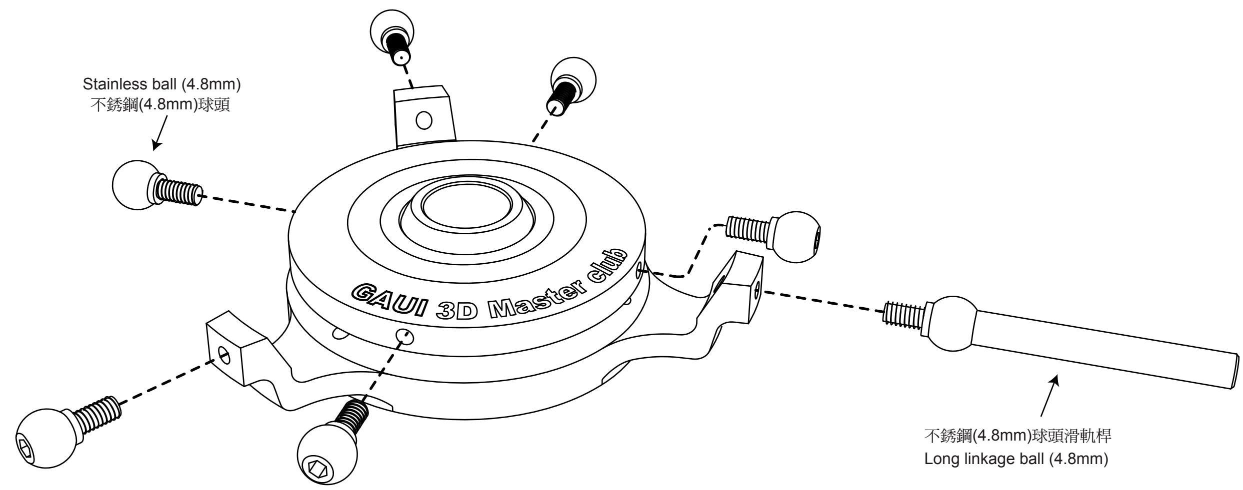
螺絲均需上止滑劑
All screws on side plates should be applied with thread lock.

Attention: When assembly is complete, please re-check for correctness.
注意:組裝完成之部分，零件需自行檢查確認。



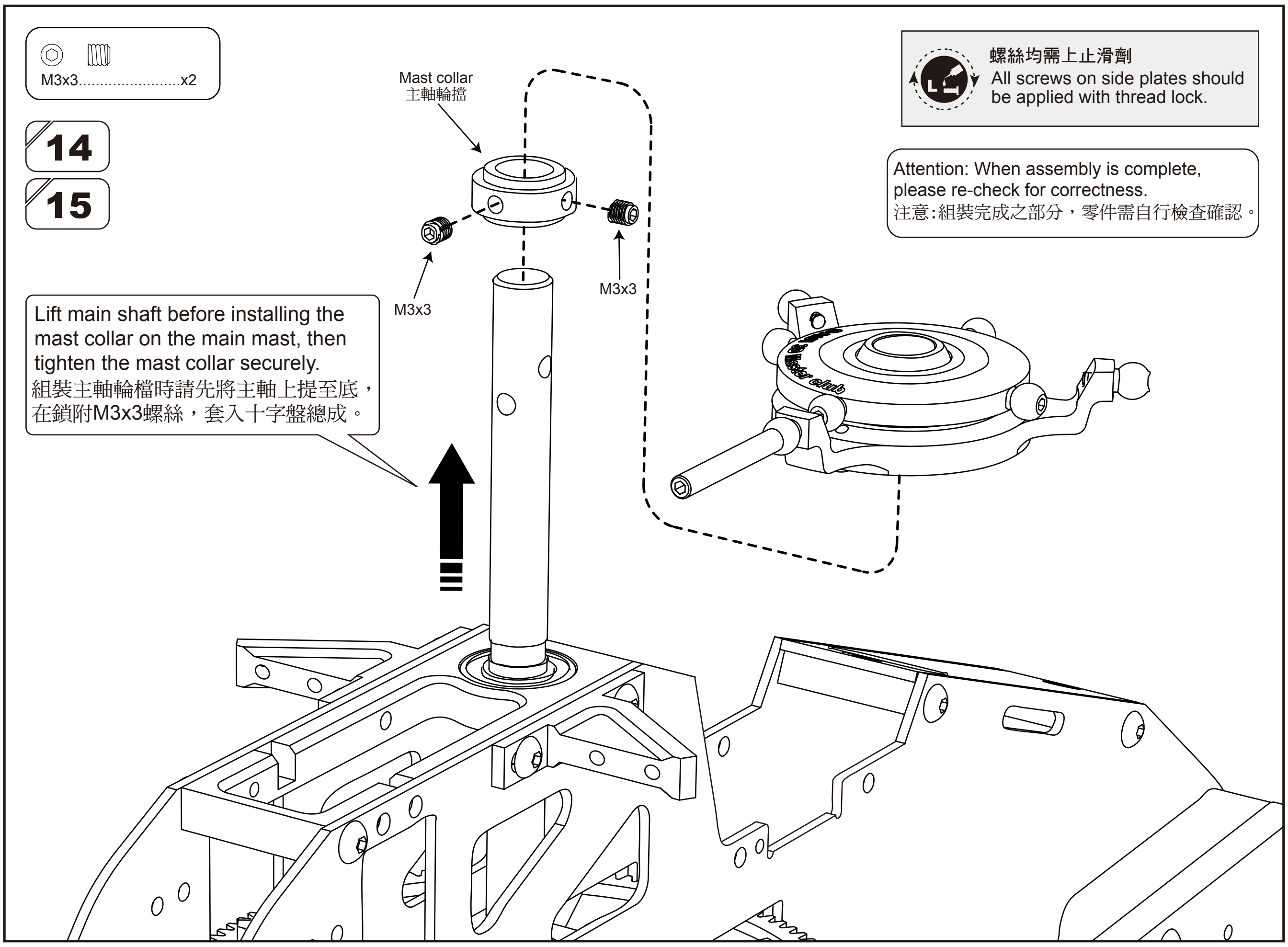
Attention: When assembly is complete, please re-check for correctness.
注意:組裝完成之部分，零件需自行檢查確認。

螺絲均需上止滑劑
All screws on side plates should be applied with thread lock.



螺絲均需上止滑劑
All screws on side plates should be applied with thread lock.

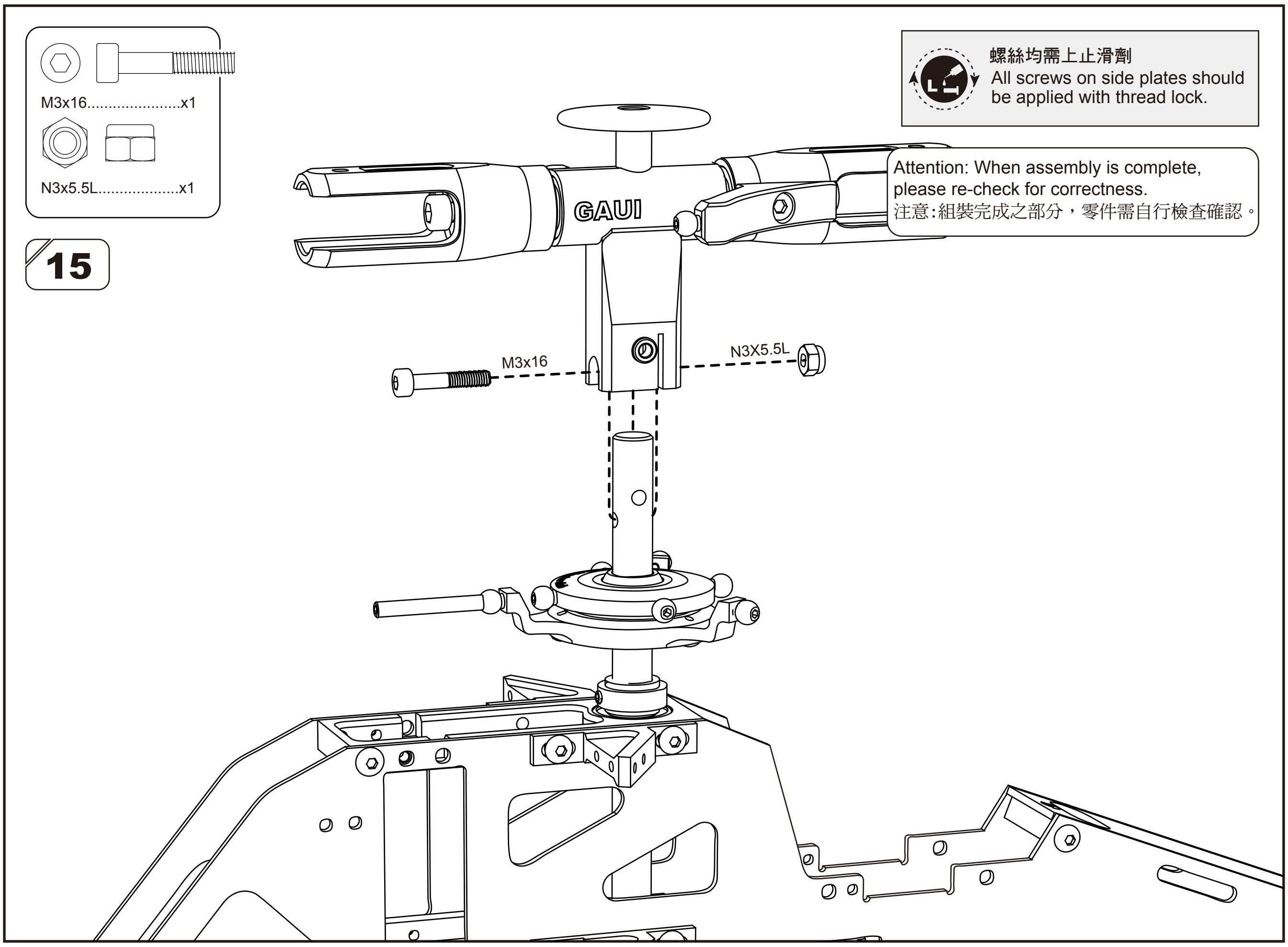
Attention: When assembly is complete, please re-check for correctness.
注意:組裝完成之部分，零件需自行檢查確認。

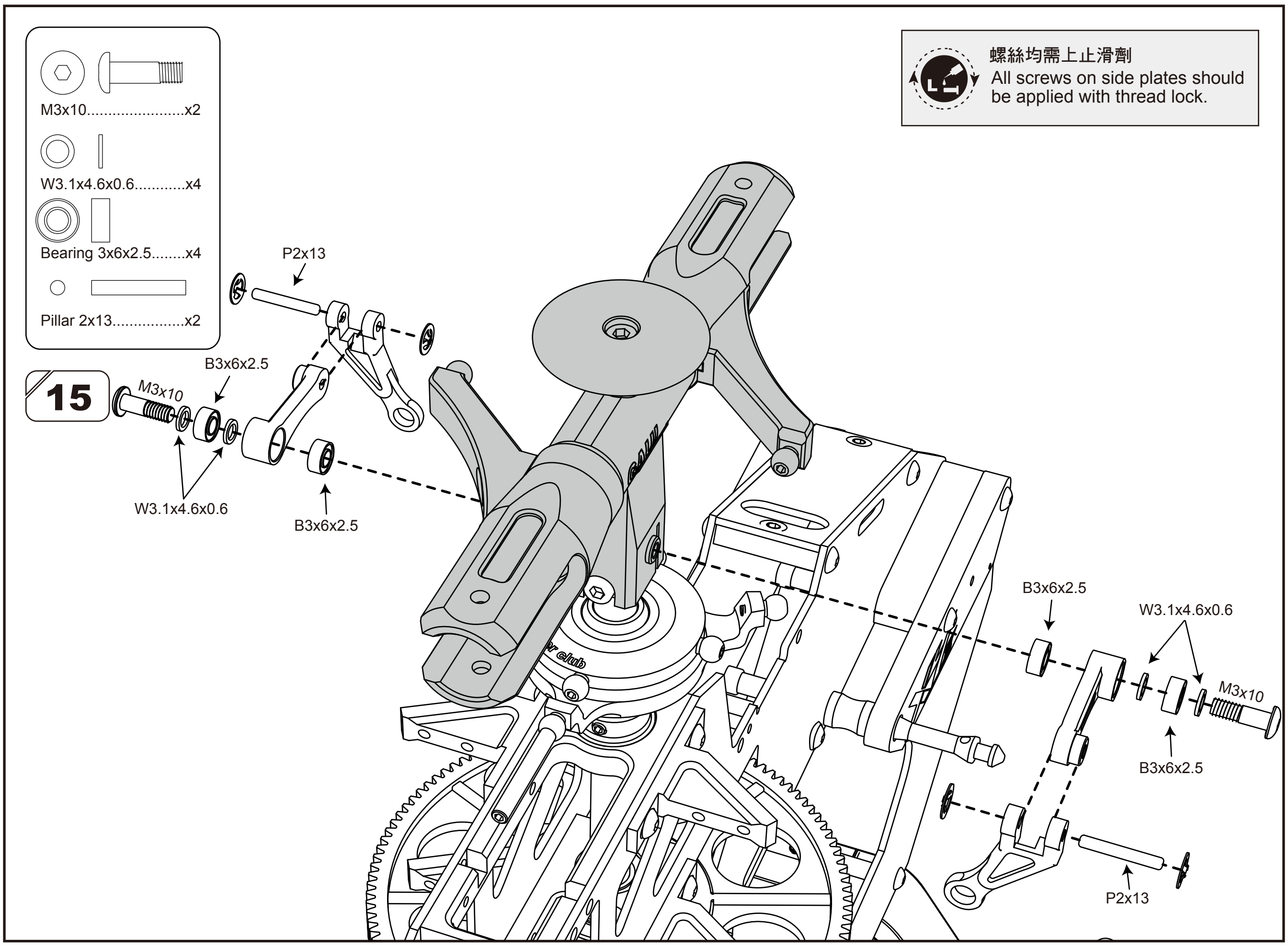


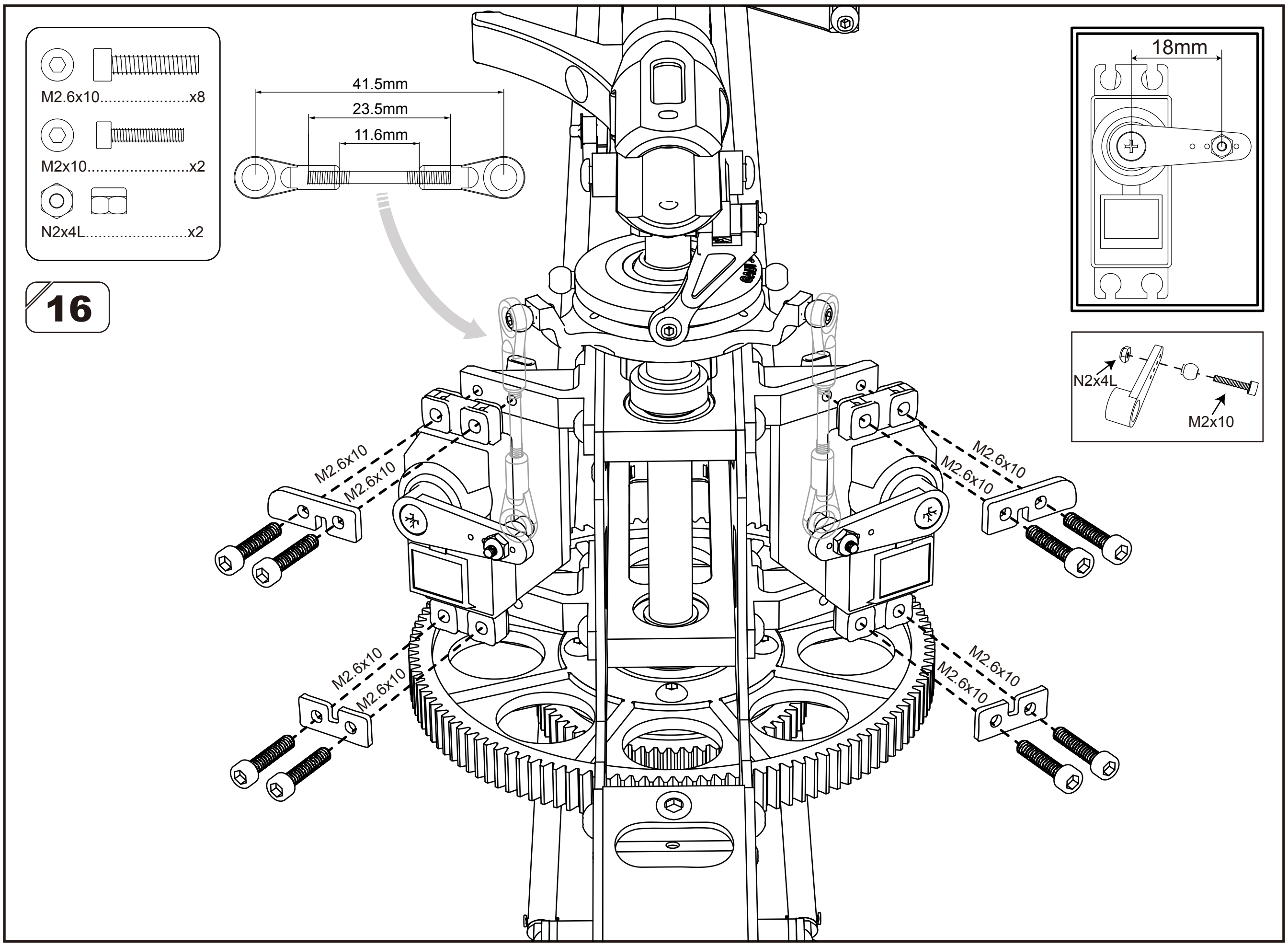
Rotor head assembly 旋翼頭總成 GAUI TAI SHIH HOBBY CORPORATION

螺絲均需上止滑劑
All screws on side plates should be applied with thread lock.

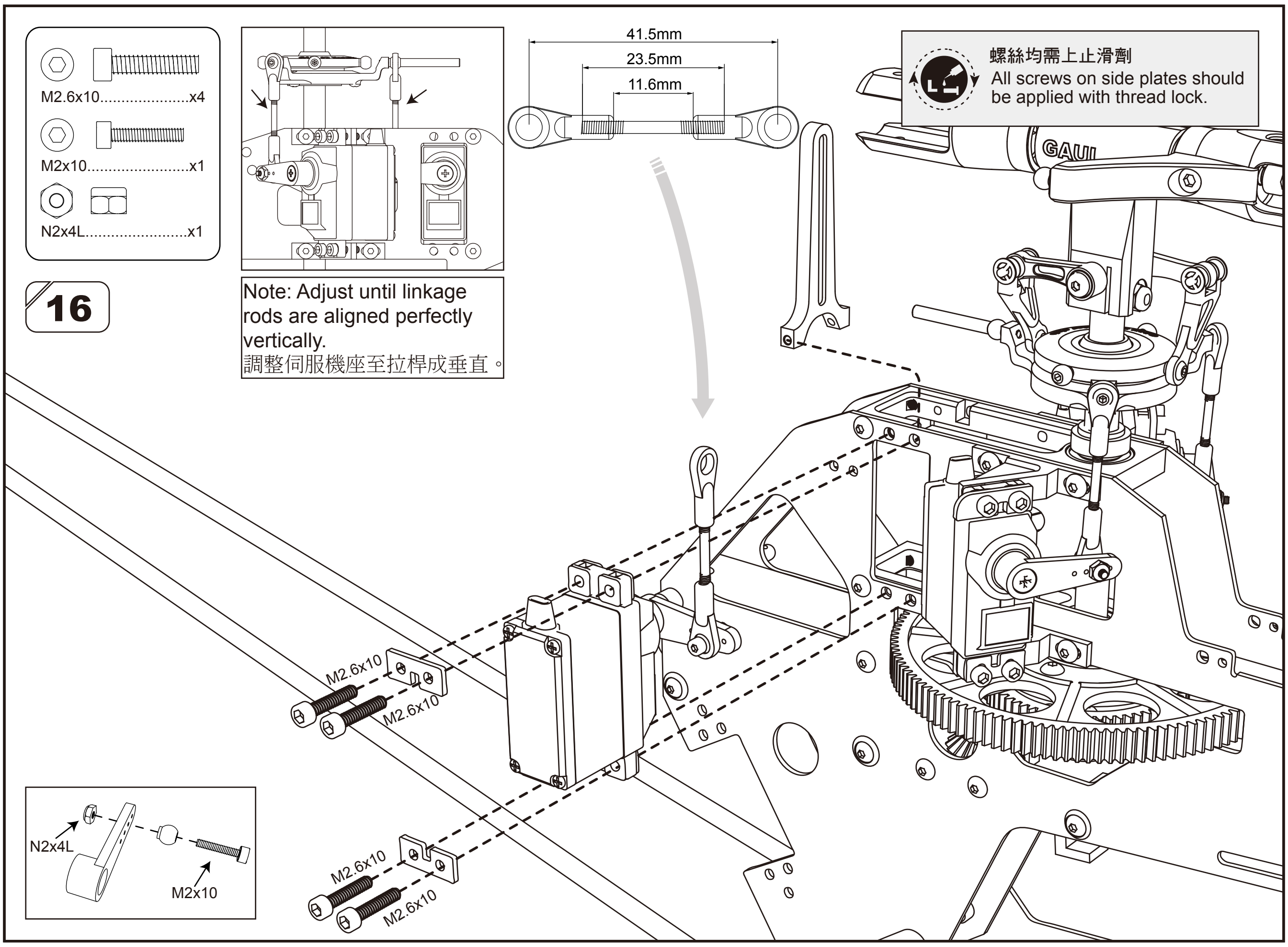
Attention: When assembly is complete, please re-check for correctness.
注意:組裝完成之部分，零件需自行檢查確認。



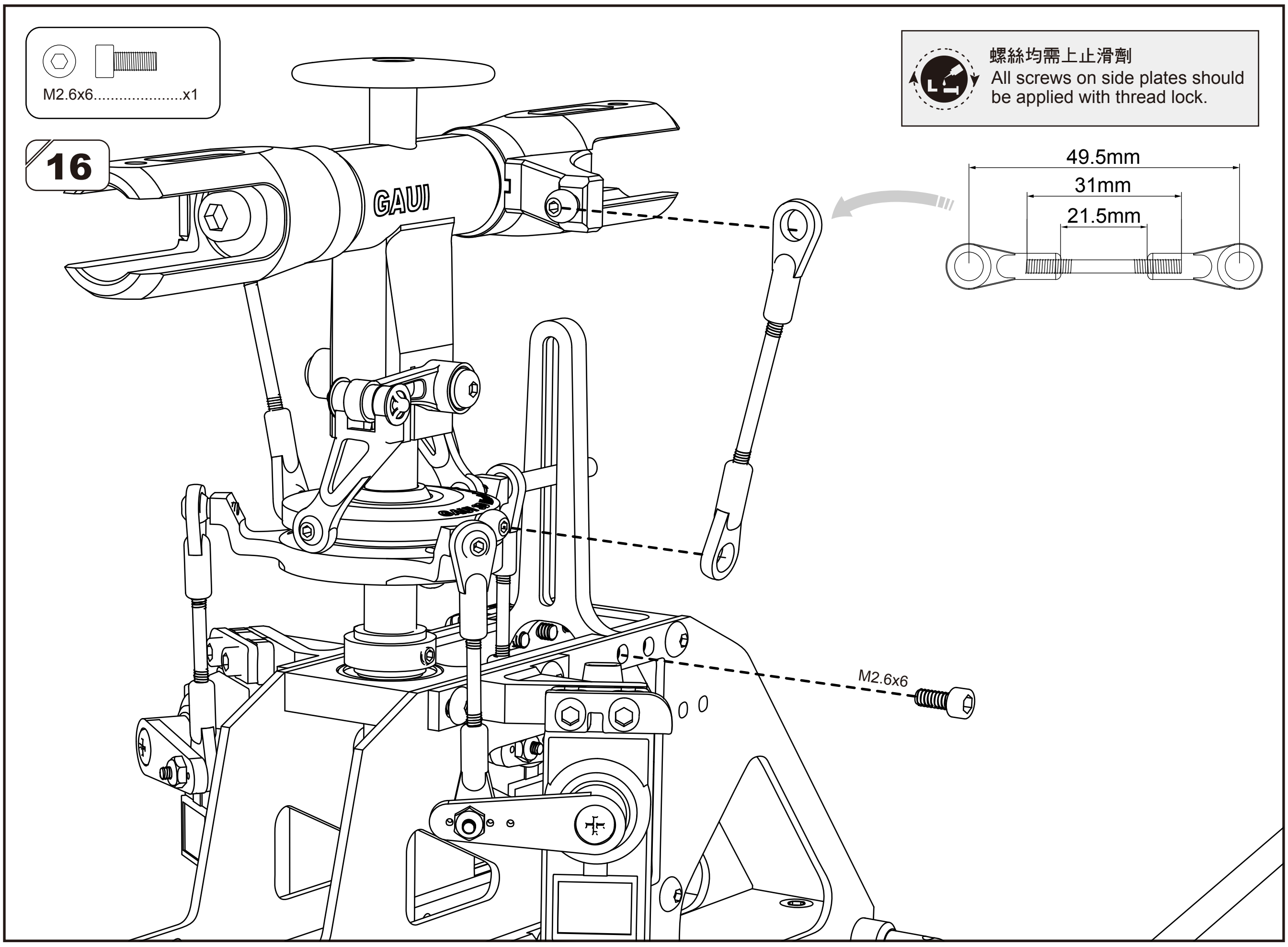

M3x10........................x2
W3.1x4.6x0.6............x4
Bearing 3x6x2.5........x4
Pillar 2x13.................x2
螺絲均需上止滑劑
All screws on side plates should be applied with thread lock.
15
M3x10
B3x6x2.5
P2x13
W3.1x4.6x0.6
B3x6x2.5
B3x6x2.5
W3.1x4.6x0.6
M3x10
B3x6x2.5
P2x13

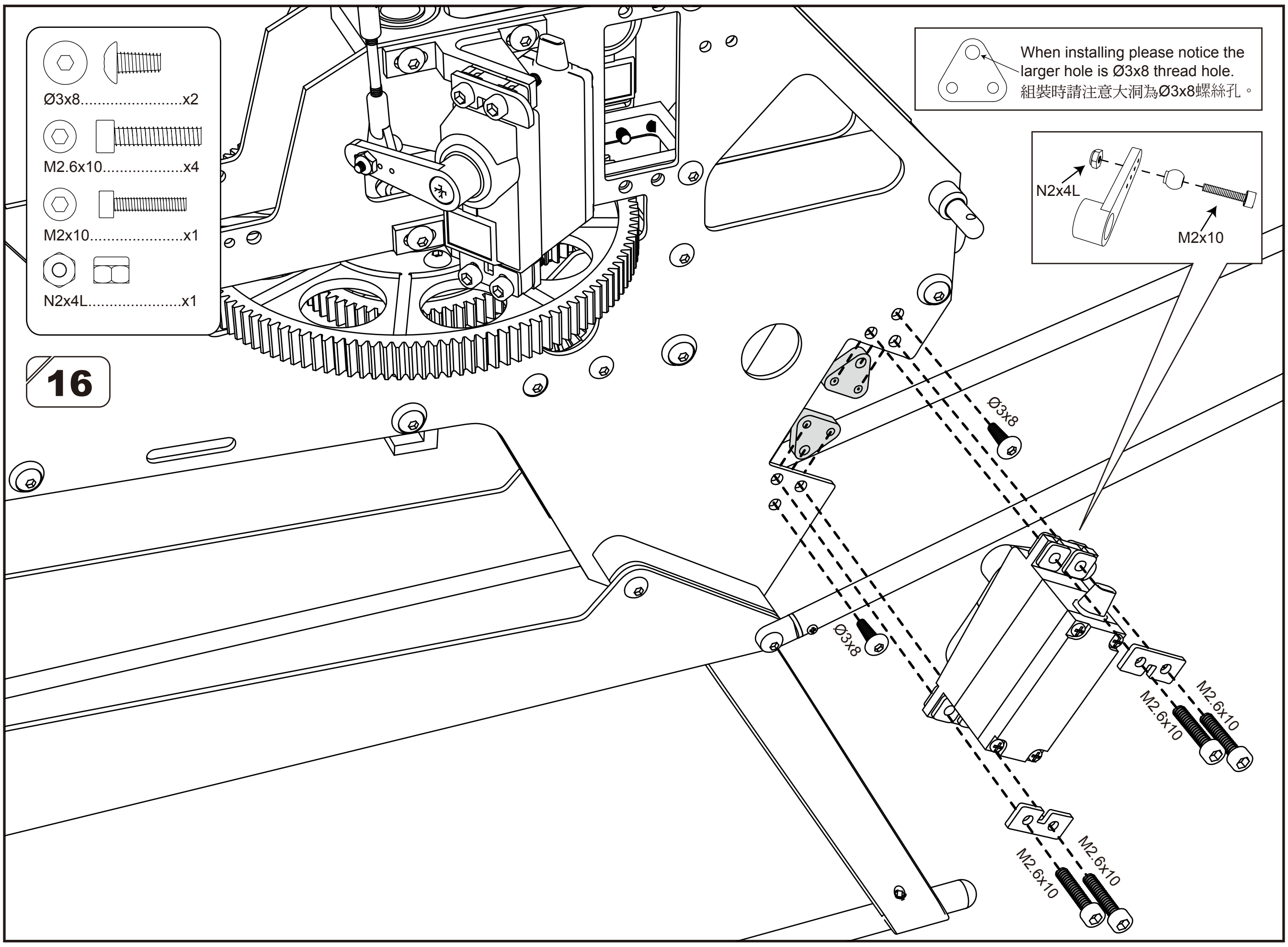

M2.6x10.....................x8
M2x10........................x2
N2x4L........................x2
16
41.5mm
23.5mm
11.6mm
18mm
N2x4L
M2x10
M2.6x10
M2.6x10
M2.6x10
M2.6x10
M2.6x10
M2.6x10
M2.6x10
M2.6x10

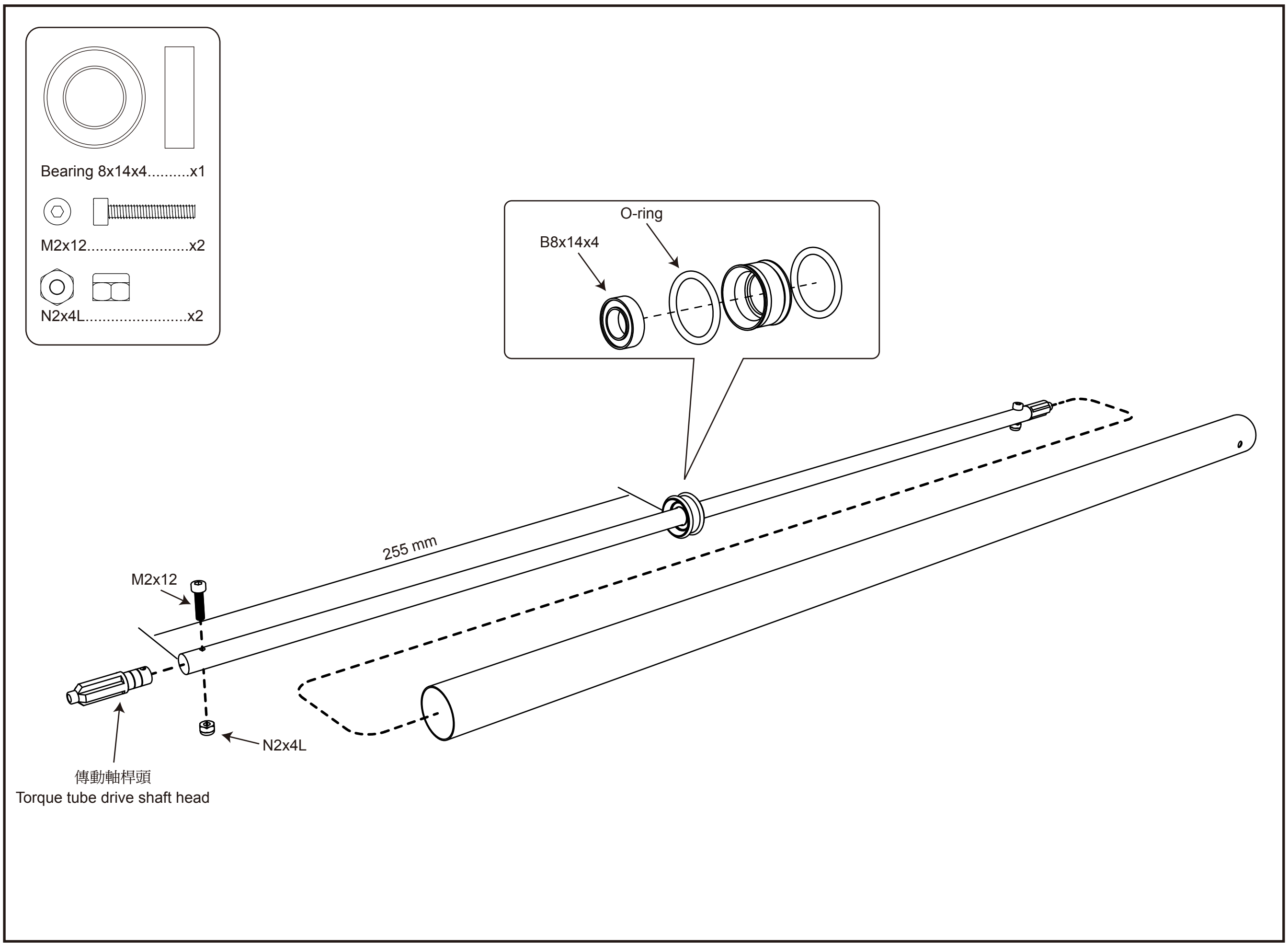
Servo installation 伺服機組裝 GAUI TAI SHIH HOBBY CORPORATION

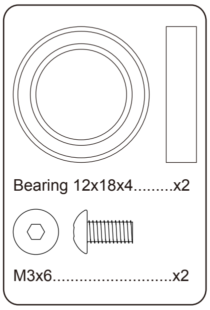


Main Rotor push rod assembly 主旋翼拉桿組裝 GAUI TAI SHIH HOBBY CORPORATION




Ø3x8........................x2
M2.6x10...................x4
M2x10......................x1
N2x4L......................x1
16
When installing please notice the larger hole is Ø3x8 thread hole.
組裝時請注意大洞為Ø3x8螺絲孔。
N2x4L
M2x10
Ø3x8
Ø3x8
M2.6x10
M2.6x10
M2.6x10
M2.6x10

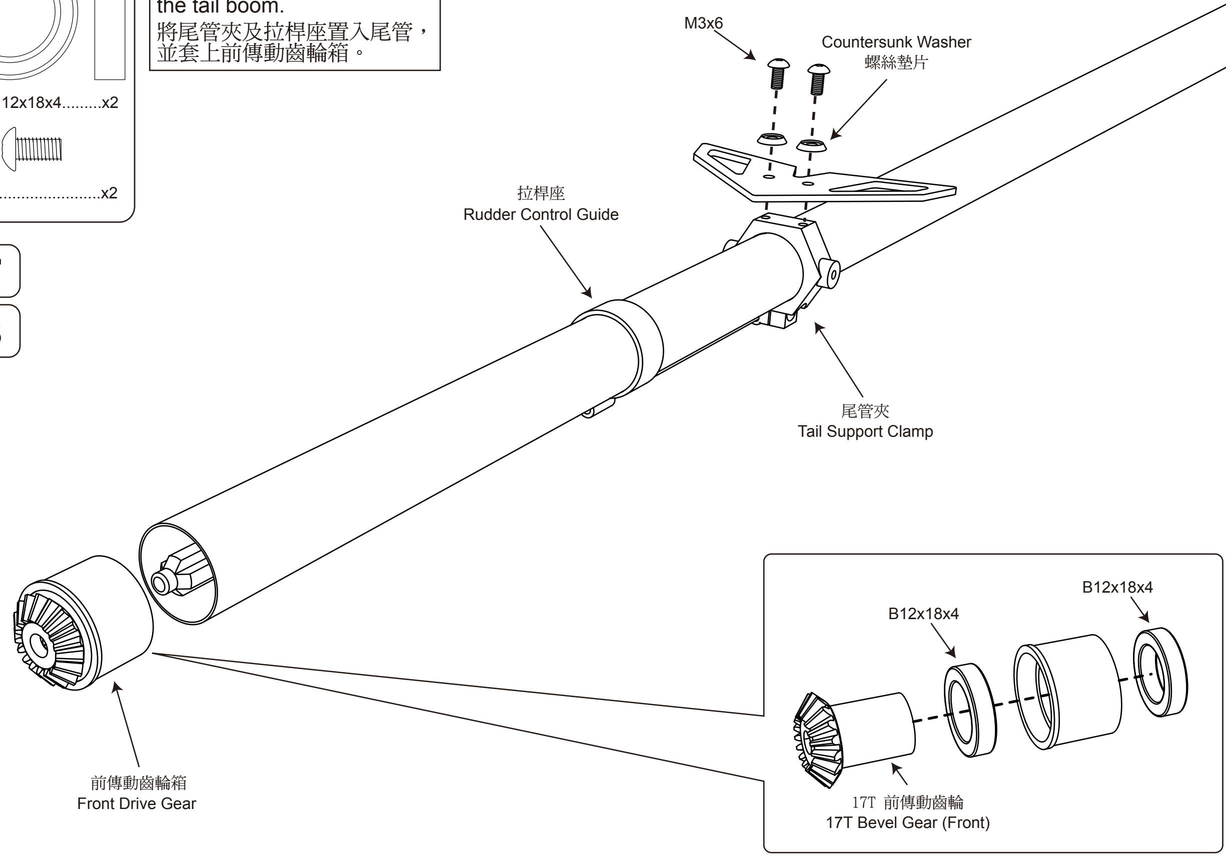

Bearing 8x14x4..........x1
M2x12........................x2
N2x4L........................x2
O-ring
B8x14x4
255 mm
M2x12
N2x4L
傳動軸桿頭
Torque tube drive shaft head



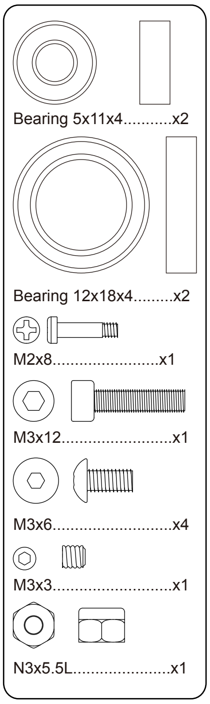
Assemble the tail support clamp and tail control rod, insert the front drive gear into the tail boom.
將尾管夾及拉桿座置入尾管，並套上前傳動齒輪箱。

17

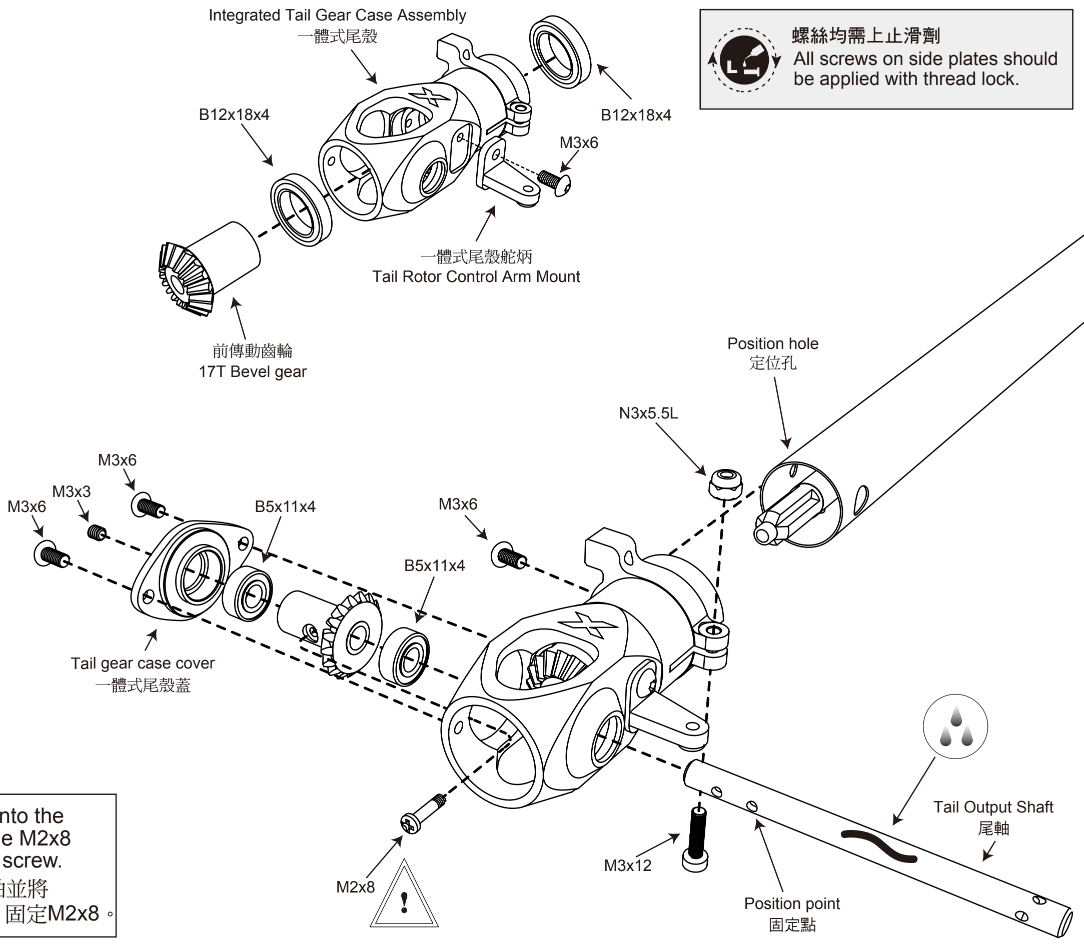
18



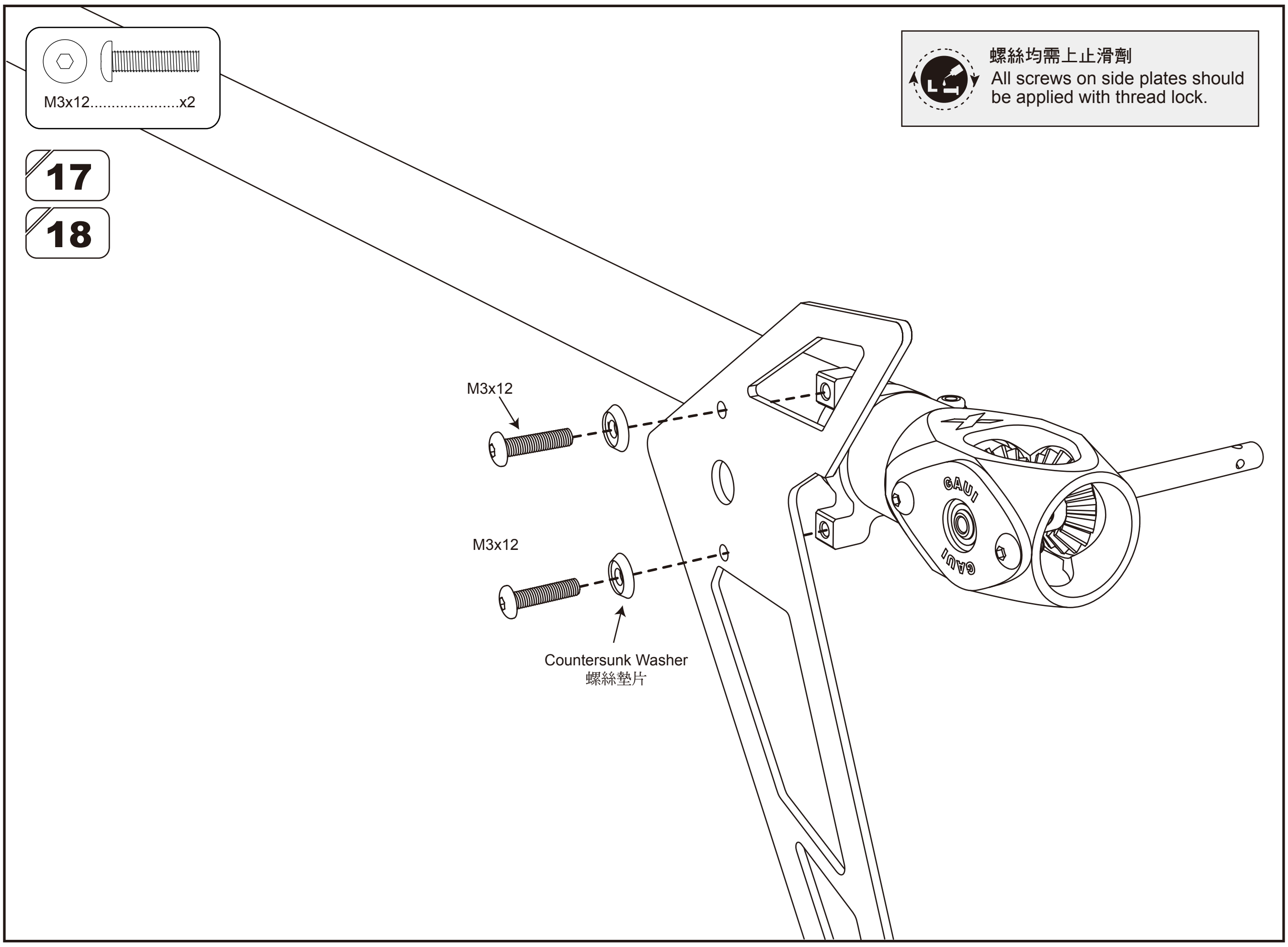
Tail gear box assembly 尾殼總成 **GAUI** TAI SHIH HOBBY CORPORATION



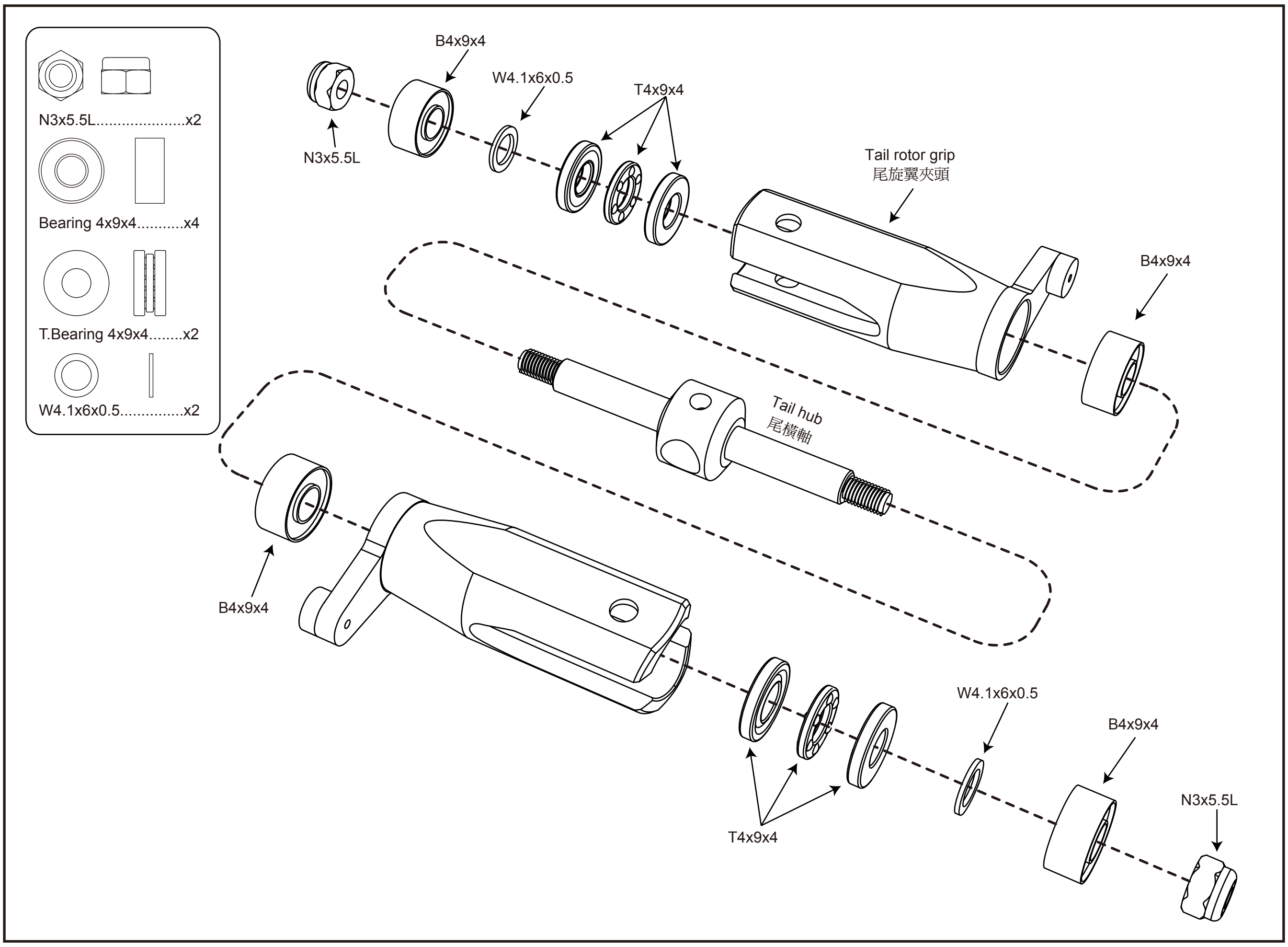
螺絲均需上止滑劑
All screws on side plates should be applied with thread lock.

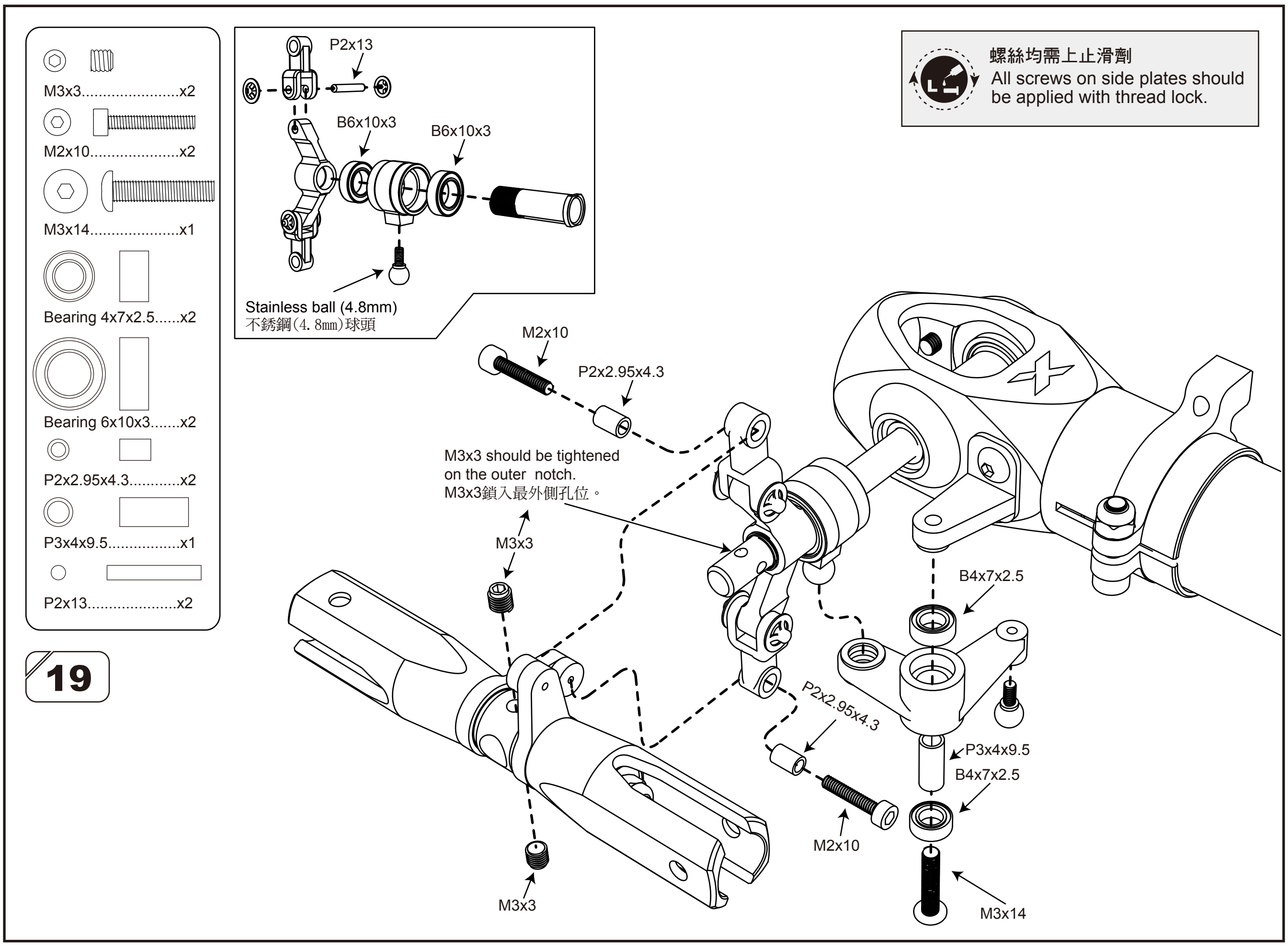


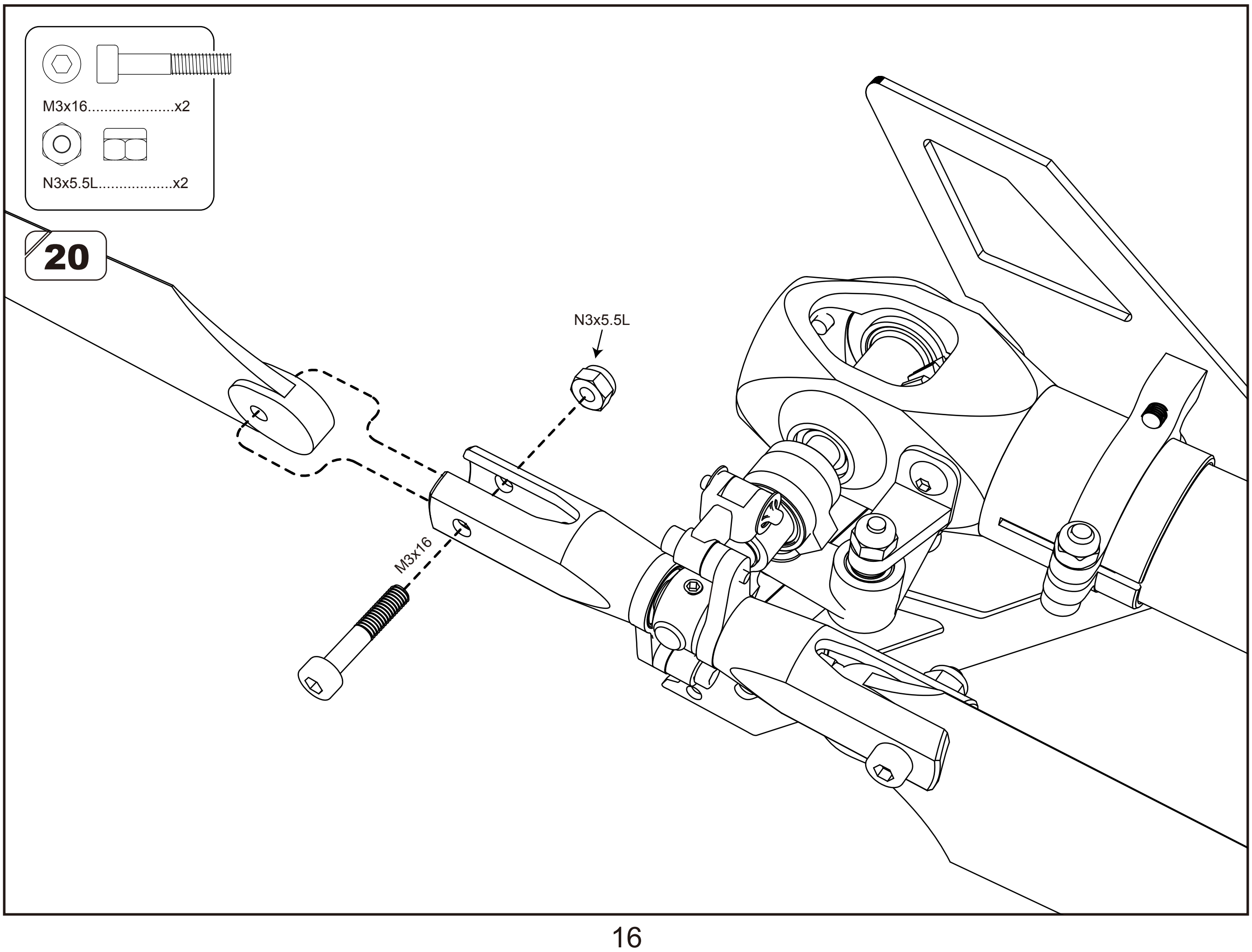
1.Fix the M2x8 screw into the bevel gear, and fix the M2x8 screw with M3x3 set screw.
1.將M2x8螺絲鎖入齒軸並將M3x3螺絲鎖入尾軸，固定M2x8。



Tail gear box assembly 尾殼總成 GAUI TAI SHIH HOBBY CORPORATION



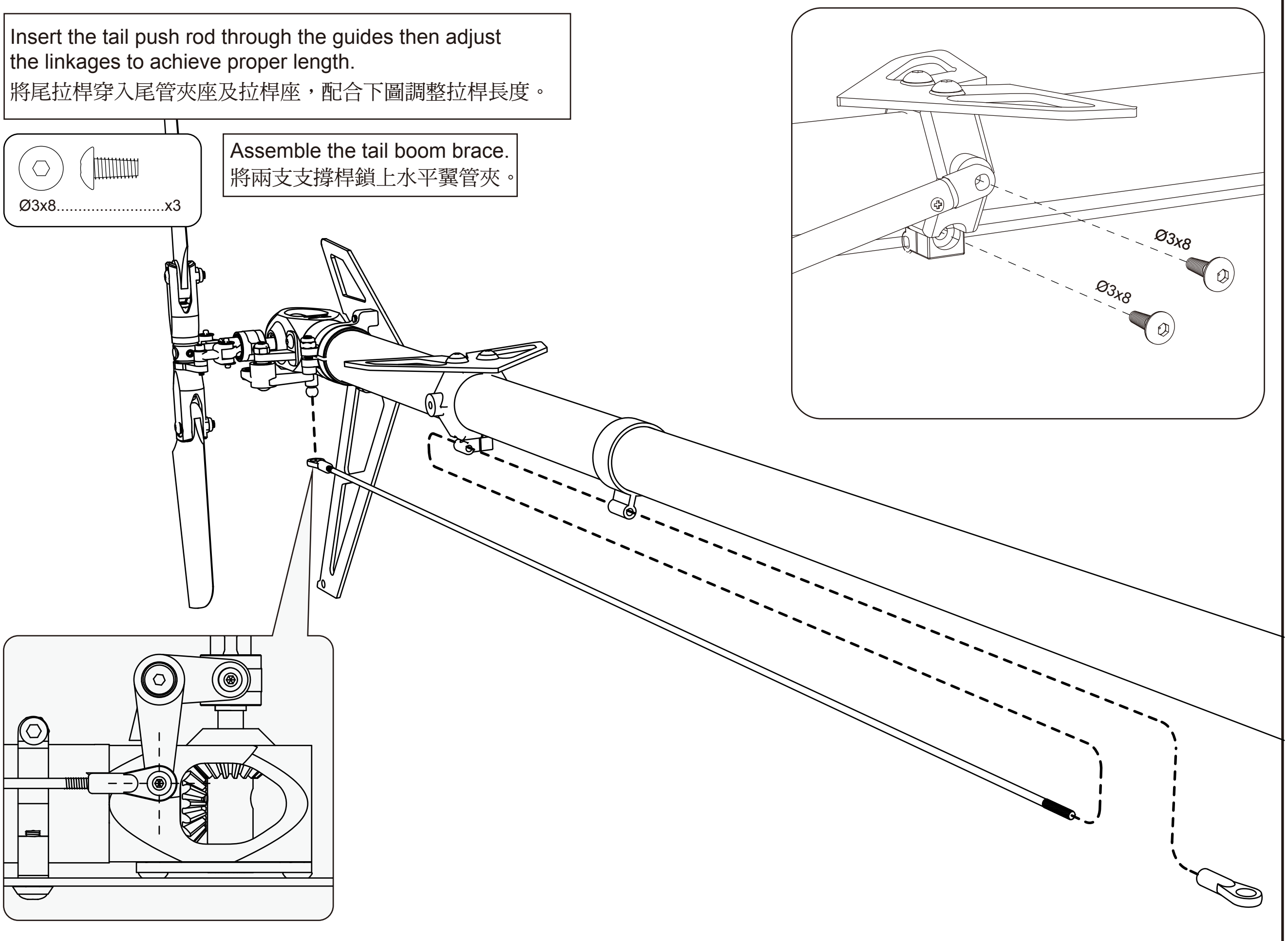

M3x3........................x2
M2x10.....................x2
M3x14.....................x1
Bearing 4x7x2.5......x2
Bearing 6x10x3.......x2
P2x2.95x4.3............x2
P3x4x9.5.................x1
P2x13.....................x2
19
P2x13
B6x10x3
B6x10x3
Stainless ball (4.8mm)
不銹鋼(4.8mm)球頭
螺絲均需上止滑劑
All screws on side plates should be applied with thread lock.
M2x10
P2x2.95x4.3
M3x3 should be tightened on the outer notch.
M3x3鎖入最外側孔位。
M3x3
B4x7x2.5
P2x2.95x4.3
P3x4x9.5
B4x7x2.5
M2x10
M3x14
M3x3


M3x16.....................x2
N3x5.5L..................x2
20
N3x5.5L
M3x16

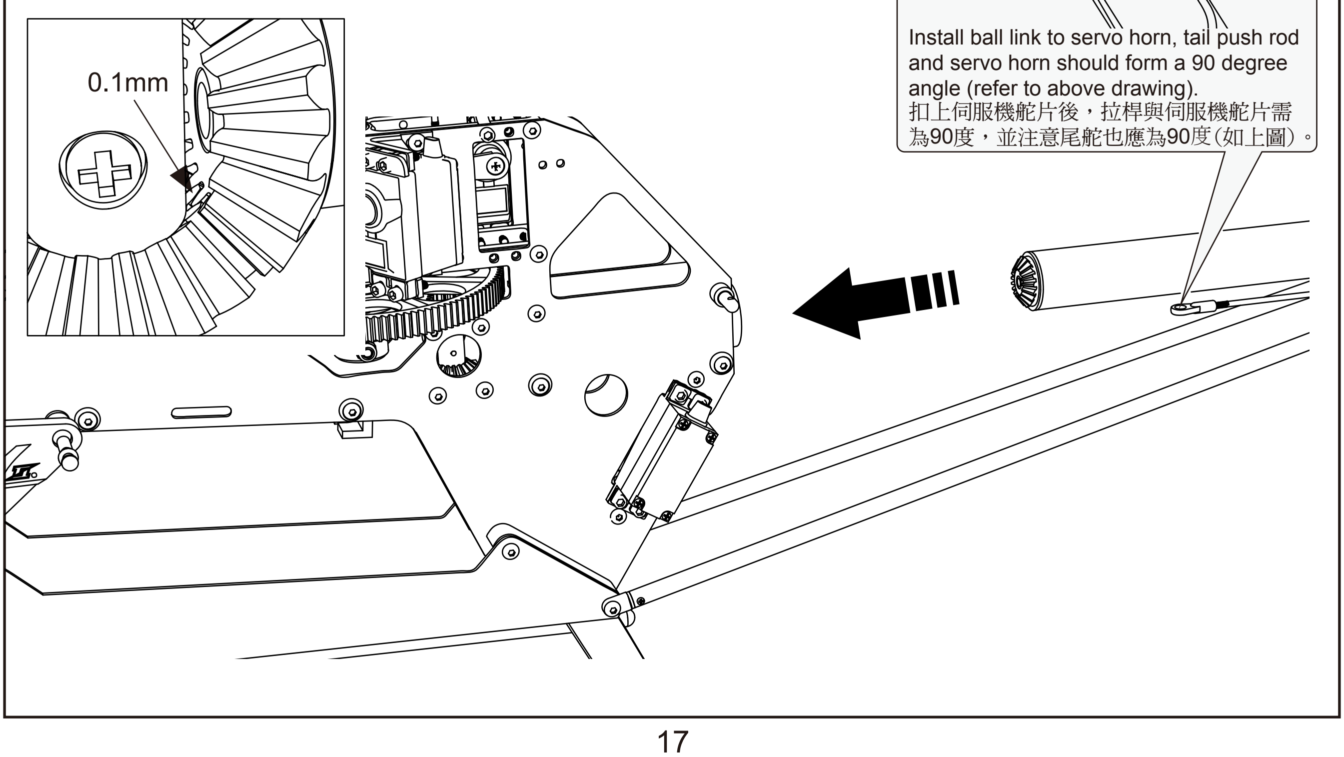
Insert the tail push rod through the guides then adjust the linkages to achieve proper length.
將尾拉桿穿入尾管夾座及拉桿座，配合下圖調整拉桿長度。

Ø3x8.........................x3

Assemble the tail boom brace.
將兩支支撐桿鎖上水平翼管夾。



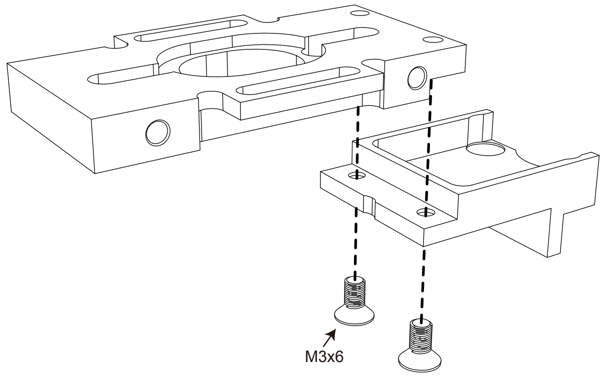
1.Insert the tail boom, make sure the gear mesh is approximately 0.1mm.
2.Tighten M3x18 screws to lock tail boom in place (P.4, M3x18 was not tightened).
1. 將傳動尾管置入機身並確認齒隙約0.1mm。
2. 鎖緊P.4頁的M3x18螺絲

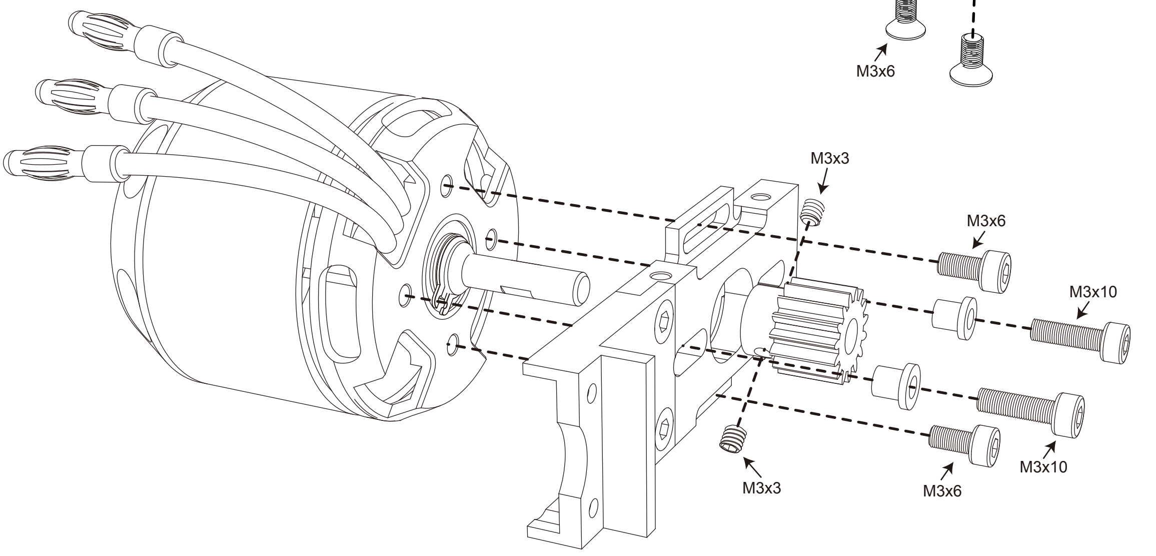


Install ball link to servo horn, tail push rod and servo horn should form a 90 degree angle (refer to above drawing).
扣上伺服機舵片後，拉桿與伺服機舵片需為90度，並注意尾舵也應為90度(如上圖)。

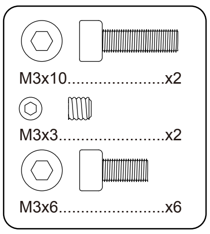
1. Use M3x6 screws to assemble Motor mount to the bridge first.
2. Assemble the motor on Motor mount with M3x6 M3x10 screws (DO NOT TIGHTEN these screws all the way YET), install the pinion onto motor shaft making sure about fitting then tigten with M3x3 screws.

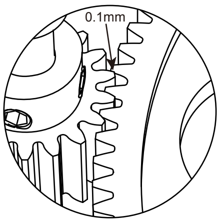
1. 使用M3x6螺絲組裝馬達板與主軸銜接座。
2. 將馬達組裝至馬達板上並含上M3x6、M3x10螺絲不鎖緊，套入馬達齒並注意馬達齒與軸心切齊後鎖緊M3x3螺絲。

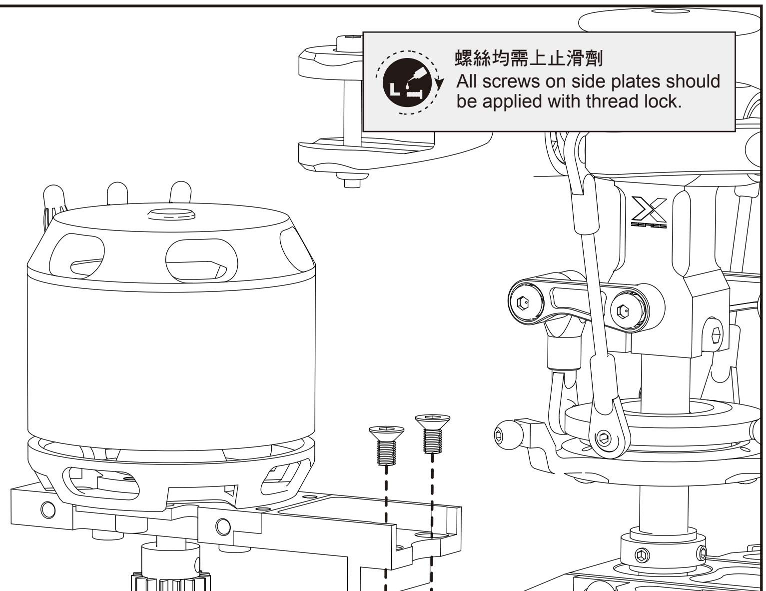




Motor installation 馬達組裝 GAUI TAI SHIH HOBBY CORPORATION

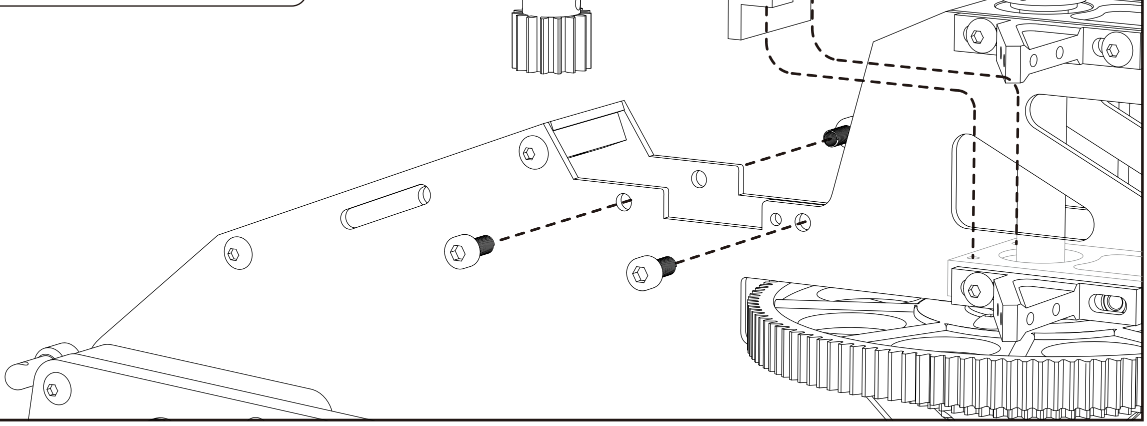






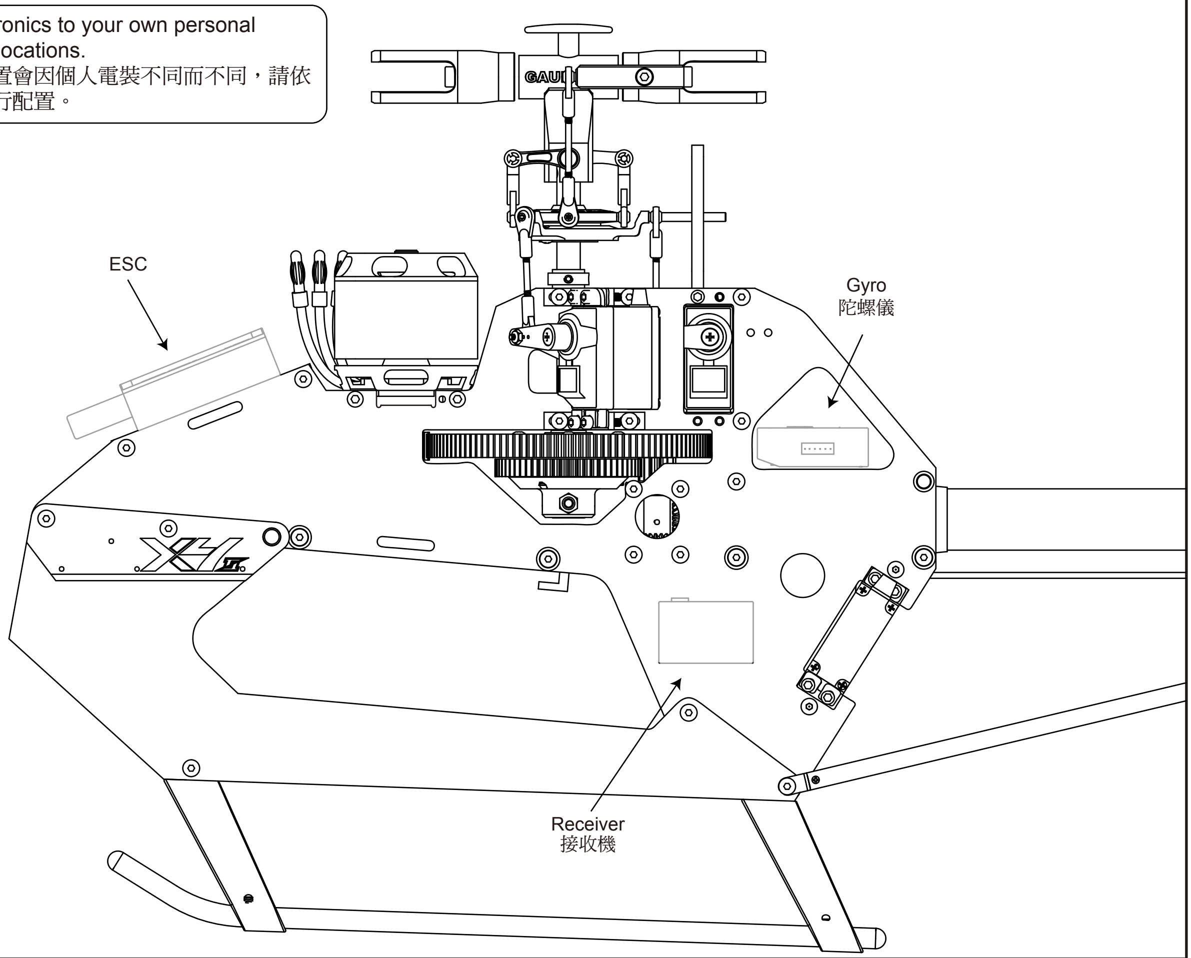
1. Trial install the above Motor/motor mount / bridge assembly onto the main frame.
   This is for adjusting the mesh between pinion & main gear to about 1mm.
   When the mesh is adjusted, tighten the M3x6 & M3x10 screws on the motor mount.
2. After confirming the gear mesh fitting. Tighten the motor mount onto frame with the frame screws.

1. 將上方組裝好的馬達總成試組裝至機身，以調整間隙約1mm後在將M3x6、M3x10螺絲鎖緊。
2. 確認間隙無誤後可鎖緊馬達板固定螺絲。



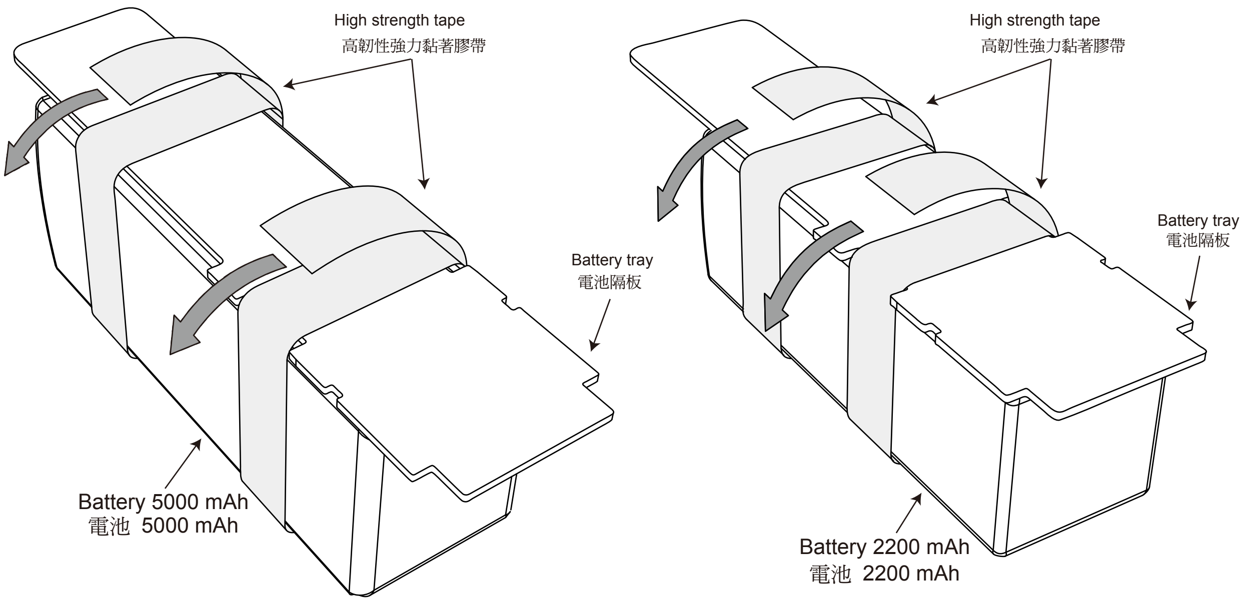
21

Install electronics to your own personal preference locations.
電子裝備配置會因個人電裝不同而不同，請依個人需求進行配置。

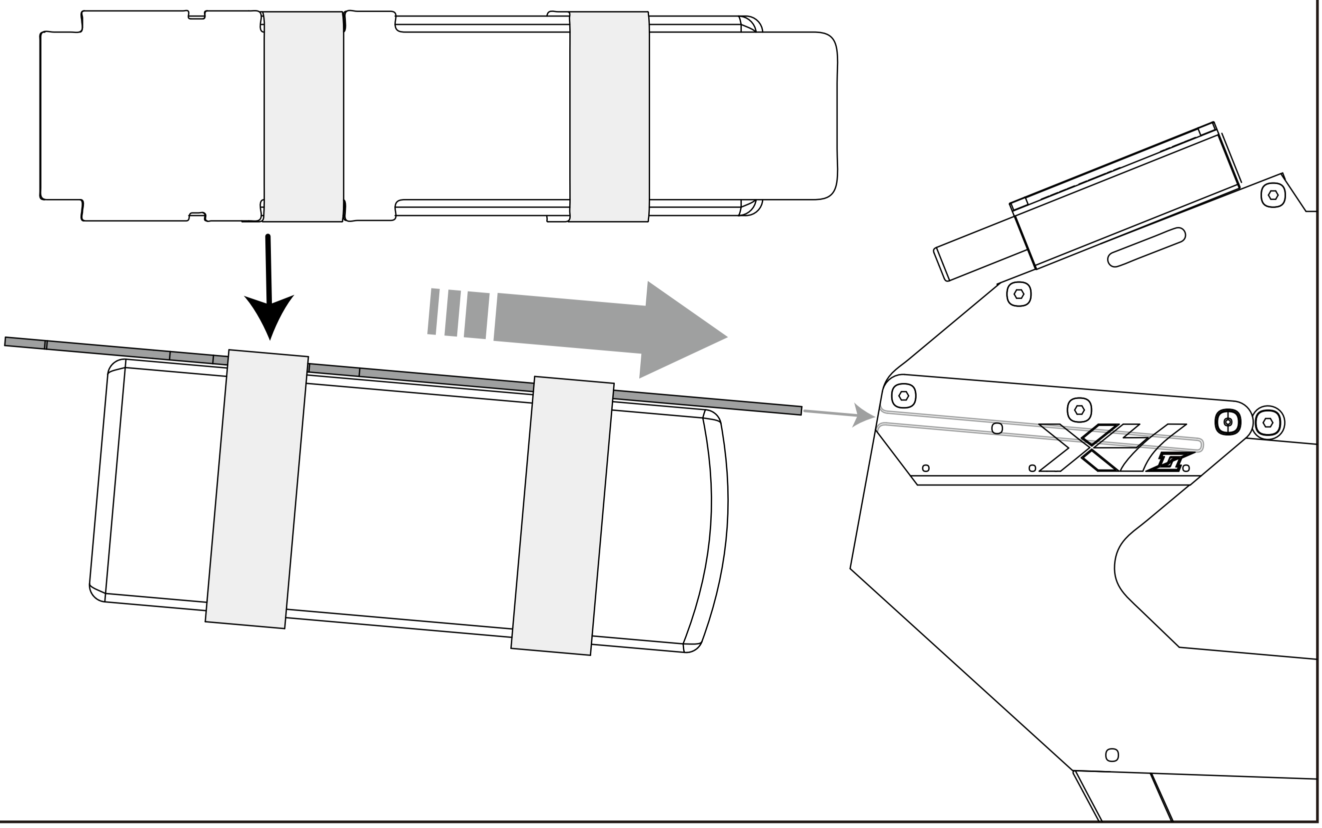


Recommended battery capacity 2200~5000mAh, depending on battery used adjust battery location on Battery tray, use high strength tape to fasten battery to tray.
電池規格適用於2200~5000 mAh，需以電池大小來調配重心位置，確認位置後將電池與電池隔板用高韌性強力黏著膠帶固定，位置如下圖。

22



Slide assembled Battery/battery tray into Slider Seat (refer to correct orientation of tray as depicted below).
將固定好的電池隔板插入機身的溝槽內，注意電池隔板方向是否正確(如圖示)。

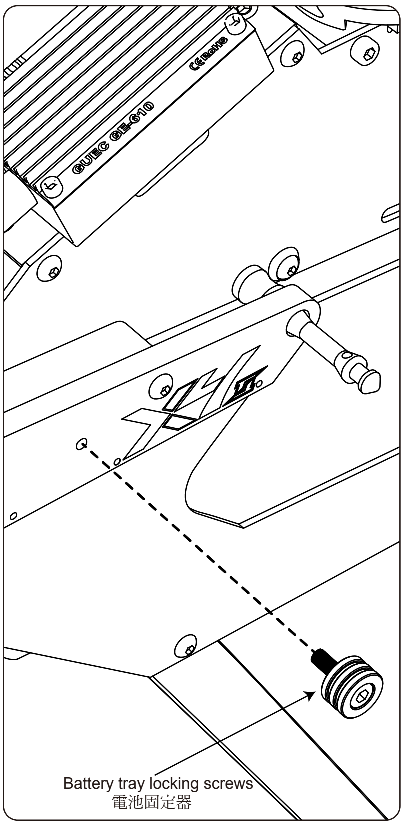


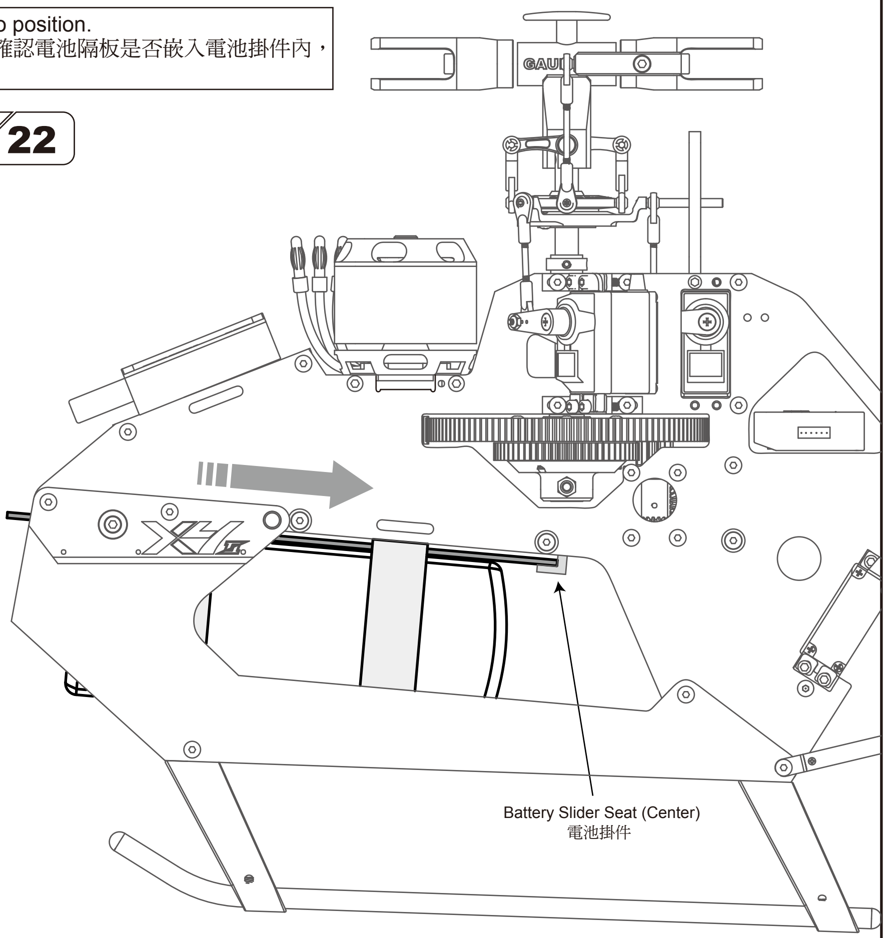
Battery installation 電池固定 GAUI TAI SHIH HOBBY CORPORATION

M3x10......................x1

Push Battery tray into position.
將電池推至定位後，確認電池隔板是否嵌入電池掛件內，再鎖入電池固定器。

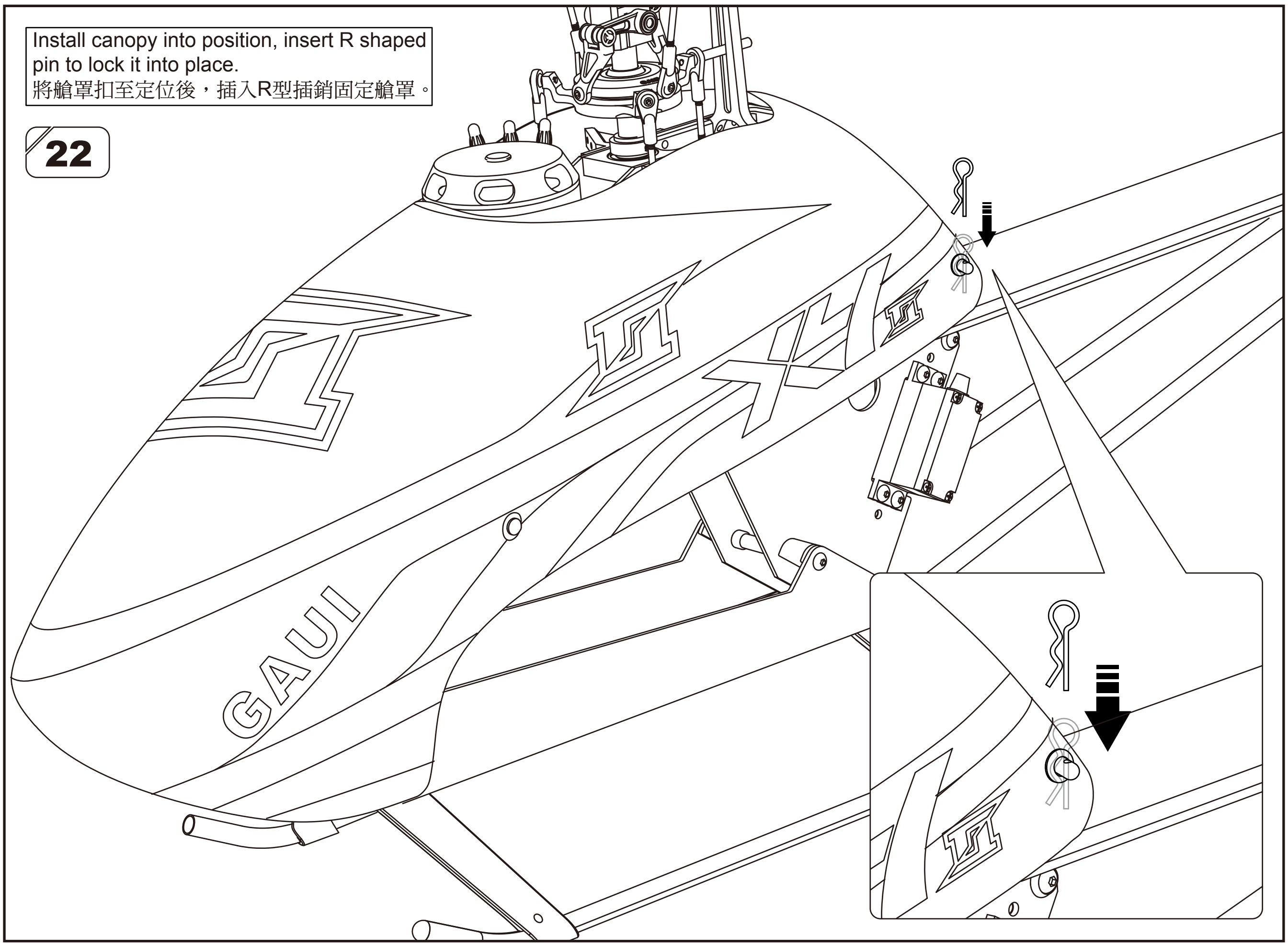
22

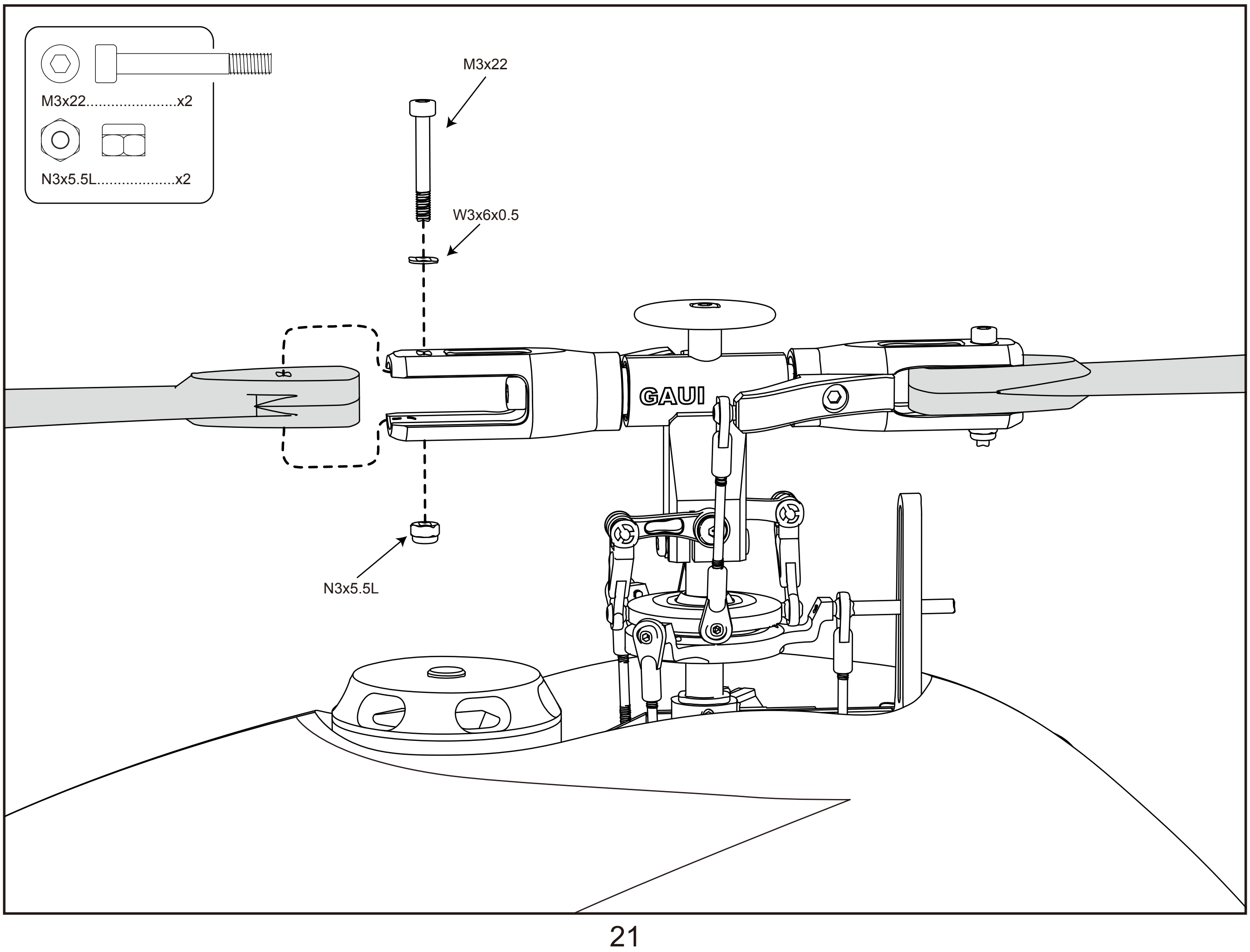




Install canopy into position, insert R shaped pin to lock it into place.
將艙罩扣至定位後，插入R型插銷固定艙罩。

22





215031	X4 II CNC Stop Plate (Black anodized)	X4 II CNC煞車盤(電鍍黑)
215032	X4 II CNC Main Rotor Yoke Set (Black anodized)	X4 II CNC 主旋翼頭(電鍍黑)
215033	X4 II CNC Main Grip Set (Black anodized)	X4 II CNC主旋翼夾頭(電鍍黑)
215034	X4 II CNC Main Grip Levers (Black anodized)	X4 II 主旋翼舵柄組(電鍍黑)
215035	X4 II Washout Arm Assembly (Black anodized)	X4 II 剪型臂組(電鍍黑)
215036	X4 II 2Blade Rotor Head Ass'y(for 8mm Mast)	X4 II 兩槳旋翼頭總成(8mm主軸用)
215037	X4 II CNC Swashplate (Black anodized)	X4 II CNC十字盤(電鍍黑)
215038	X4 II Mast Collar Set	X4 II 主軸輪擋
215039	X4 II CNC Integrated Tail Gear Case (Black anodized & Shaft version)	X4 II 一體成型尾殼座組(電鍍黑適用軸傳版)
215040	X4 II CNC Tail Rotor Grips with Thrust Bearings (for 5mm tail output shaft)	X4 II CNC尾旋翼夾頭附止推軸承(5mm尾軸用)
215041	X4 II Tail Hub Set	X4 II 尾旋翼頭
215042	X4 II CNC Tail Pitch Slider Setf(or 5mm tail output shaft)	X4 II CNC螃蟹夾組(5mm尾軸用)
215043	X4 II One-way sleeve	X4 II 單向鋼套
215044	X4 II Gear Shaft(15T)	X4 II 尾前齒軸附鋼齒(15T)
215045	X4 II Battery Slider Seat (Anodized Black - Right)	X4 II 電池滑座(陽極亮黑-右)
215046	X4 II Battery Slider Seat (Anodized Black - Left)	X4 II 電池滑座(陽極亮黑-左)
215047	X4 II Battery Slider Seat (Anodized Black - Center)	X4 II 電池掛件(陽極亮黑-中)
215048	X4 II Main shaft mount	X4 II 主軸座組
215049	X4 II CNC Motor Mount (Silver anodized)	X4 II CNC 馬達座(陽極亮銀)
215050	X4 II CNC torque tube bearing mount	X4 II CNC 尾傳動軸承座
215052	X4 II CNC Boom Clamps (Silver anodized)	X4 II CNC尾管固定座(亮銀)
215053	X4 II CNC Front & Back landing gear base (Anodized Black)	X4 II CNC 前後腳架座組(陽極亮黑)
215055	X4 II Battery tray locking screws	X4 II 電池板固定器
215056	X4 II Main Gear Hub with One Way B.	X4 II 主齒輪轂附單向軸承
215057	X4 II Mixed posts pack	X4 II 綜合鋁柱包
215058	X4 II Tail Output Shaft	X4 II 尾軸
215059	X4 II Spindle Shafts	X4 II 橫軸
215060	X4 II Main Masts(8x135mm)	X4 II 主軸組(8x135mm)
215062	X4 II CNC Tail Support Clamp(Silver anodized)	X4 II CNC 水平翼固定座(電鍍亮銀)
215065	X4 II Tail Boom Support (Silver anodized)	X4 II 支撐桿(亮銀)
215066	X4 II CNC Torque Tube with bearing(for 425L blades)	X4 II CNC尾傳動軸桿組(適用425mm槳)
215067	X4 II Tail Boom (Black anodized)	X4 II 尾管(電鍍黑)
215068	X4 II Damper rubber (Hardness 95)	X4 II 橫軸橡皮墊(硬度95)
215069	X4 II Damper rubber (Hardness 75)	X4 II 橫軸橡皮墊(硬度75)
215070	X4 II Rudder Control Guide	X4 II 拉桿座
215071	X4 II Tail Support Clamp	X4 II 尾管夾
215072	X4 II Servo mount	X4 II 伺服機固定座
215073	X4 II lower frame plastic spacer	X4 II 下側板塑膠墊
215077	X4 II Tail Pitch Control Lever Set	X4 II 尾舵角片
215078	X4 II Skid Set(Silver anodized)	X4 II 滑橇組(亮銀)
215079	X4 II High Rigidity Brace Set(Black)	X4 II 高剛性支撐架組(黑)
215080	X4 II High Rigidity Brace Set	X4 II 高剛性支撐架組
215081	X4 II Torque Tube Drive Gear Set	X4 II 尾軸傳動齒輪包
215082	X4 II Torque Tube Drive Gear Set	X4 II 尾軸傳動齒輪包
215083	X4 II 61T Gear	X4 II 61T齒輪
215084	X4 II 120T Main Gears	X4 II 120T主齒盤
215209	X4 II Canopy Posts(Silver anodized)	X4 II 艙罩支柱
215448	X4 II CNC Swashplate Guide(Black anodized)	X4 II CNC十字盤滑軌(電鍍黑)
215450	X4 II Painted Canopy	X4 II 玻纖噴漆座艙組
215500	X4 II CF Frame (L or R)	X4 II 碳纖機身側板
215501	X4 II CF Lower Frame (L or R)	X4 II 碳纖下側板
215502	X4 II CF Battery Tray	X4 II 碳纖電池座板
215503	X4 II CF gyro base & support frame set	X4 II 碳纖陀螺儀座及強化板組
215504	X4 II Servo mount	X4 II 伺服機座(陽極亮銀)
215505	X4 II CNC CF Landing Gear	X4 II CNC 碳纖腳架組
215506	X4 II CF Landing Gear Plates	X4 II 碳纖腳架板
215507	X4 II Fin and Tail(CF)	X4 II 碳纖尾翼組

215508	X4 II CF Tail Boom Support Rod Set	X4 II 碳纖支撐桿
215590	X4 II CF Tail Rotor Blade Set(77mm)	X4 II 碳纖尾旋翼(77mm)
215600	CF main blades (425L-CFA)	碳纖槳 425L(CFA)
215601	X4 II Tail Rotor Blade Set(70mm)	X4 II 尾旋翼(70mm)
215700	X4 II Damper rubber (Hardness 85)	X4 II 橫軸橡皮墊(硬度85)
803727	B. Pack(4x9x4)x2	軸承(4x9x4)x2
803729	B. Pack(5x11x4)x4	軸承(5x11x4)x4
803730	B. Pack(8x16x5)x2	軸承(8x16x5)x2
803732	B. Pack (6x13x3.5)x4	軸承(6x13x3.5)x4
803733	B. Pack (6x13x5)x4	軸承(6x13x5)x4
803734	Thrust B. (T6x12x4.5)x2	止推軸承包(T6x12x4.5)x2
803735	Ball Links Pack(4.8mm)	拉桿頭(4.8mm)
805105	Thrust B. Pack(T4x9x4)x2	止推軸承包(T4x9x4)x2
805106	B. Pack (4x7x2.5)x4	軸承(4x7x2.5)x4
805107	B. Pack(3x6x2.5)x4	軸承(3x6x2.5)x4
805108	B. Pack (12x18x4)x3	軸承(12x18x4)x3
805109	B. Pack (8x14x4)x3	軸承(8x14x4)x3
805110	B. Pack(6x10x3)x2	軸承(6x10x3)x2
810002	NX4 Countsunk Washers (for M3 Machine Screw)x15	NX4 沉頭墊片組 陽極亮紅(適用M3螺絲)x15
810003	Nylon Lock Nut (N3x5.5L)x20	止滑螺帽---(N3x5.5L)x20
810004	NX4 Washer Pack	NX4 墊片包
833014	Machine Screw(M3x14)x10pcs(for 400 class 2Blade Rotor Head)	機械螺絲(M3x14)x10個(400級 2槳旋翼頭用)
842005	Socket Head Cap Screw(M2x5)x20pcs	內六角螺絲(M2X5)x20個
842010	Socket Head Cap Screw(M2x10)x10pcs (for 100~250 class 2Blade Rotor Head)	內六角螺絲(M2x10)x10個 (100級-250級 2槳旋翼頭用)
842012	Socket Head Cap Screw(M2x12)x10pcs (for 100~250 class 3Blade Rotor Head)	內六角螺絲(M2x12)x10個 (100級-250級 3槳旋翼頭用)
842016	Socket Head Cap Screw - Black (M4x10)x10pcs	內六角螺絲包-黑色(M4x10)x10個
842017	Socket Countersunk Screw - Black (M3x6)x10pcs	內六角皿頭螺絲包-黑色(M3x6)x10個
842019	Socket Head Button Screw - Black (M3x7)x10pcs	半圓頭內六角螺絲包-黑色(M3x7)x10個
842021	Socket Head Button Screw - Black (Semi)	半圓頭內六角螺絲包-黑色(M3x10)x10個(半牙)
842022	Socket Head Button Screw - Black (M3x18)x10pcs	半圓頭內六角螺絲包-黑色(M3x18)x10個
842023	Socket Head Cap Screw - Black (M3x12)x10pcs	內六角螺絲包-黑色(M3x12)x10個
842024	Socket Head Cap Screw - Black (M2.6x12)	內六角螺絲包-黑色(M2.6x12)
842025	Socket Head Cap Screw - Black (M3x6)x10pcs	內六角螺絲包-黑色(M3x6)x10個
842026	Semi-threaded Socket Head Cap Screw - Black (M3x16)x10pcs	半牙內六角螺絲包-黑色(M3x16)x10個
842027	Socket Head Cap Screw - Black (M3x22)x10pcs	內六角螺絲包-黑色(M3x22)x10個
842028	Socket Set Screw (M3x12)x10pcs	內六角止付螺絲包-黑色(M3x12)x10個
842029	Socket Set Screw (M3x3)x10pcs	內六角止付螺絲包-黑色(M3x3)x10個
842033	Socket Set Screw (M3x25)x10pcs	內六角止付螺絲包-黑色(M3x25)x10個
855506	GUEC GM-505 Brushless Motor(1680W-1400KV)	GUEC GM-505無刷馬達(1680W-1400KV)
883551	Stainless (4.8mm) Balls	不銹鋼(4.8mm)球頭組
883553	Main Blade Linkage Rod (2x31mm)x2(2x23.5mm)x3	不鏽鋼連桿組 (2x31mm)x2(2x23.5mm)x3
901301	Steel Pinion Gear Pack(13T-for 5.0mm shaft)	鋼製馬達齒13T(孔徑5.0mm)
901401	Steel Pinion Gear Pack(14T-for 5.0mm shaft)	鋼製馬達齒14T(孔徑5.0mm)
901501	Steel Pinion Gear Pack(15T-for 5.0mm shaft)	鋼製馬達齒15T(孔徑5.0mm)
901601	Steel Pinion Gear Pack(16T-for 5.0mm shaft)	鋼製馬達齒16T(孔徑5.0mm)
901701	Steel Pinion Gear Pack(17T-for 5.0mm shaft)	鋼製馬達齒17T(孔徑5.0mm)
901801	Steel Pinion Gear Pack(18T-for 5.0mm shaft)	鋼製馬達齒18T(孔徑5.0mm)
910010	Main Blade Holder (for H425&X4&X5&X7)	主翼支撐墊(H425&X4&X5&X7用)
910030	Cable Tie with Touch Fastener 1x20cm(Set of 6)	魔術束帶 1x20cm(6件組)
910031	Velcro (White)x4pcs	魔鬼氈(白)4個
922511	GS-511 Coreless metal gear Mini Servo	GS-511 無核心金屬齒中型伺服機
922518	GS-518 Coreless metal gear Mini Servo	GS-518 無核心金屬齒中型伺服機
923660	GUEC GE-603 ESC 66A with built-in SBEC	GUEC GE-603 電子變速器 66A (內建SBEC)
923700	GUEC GE-700 ESC 70A HV (No build-in BEC)	GUEC GE-700電子變速器 70A HV(無內置BEC)
924364	GUEC GU-364 GAUI Mini VBar	GUEC GU-364 GAUI Mini VBar
208601	GUEC GM-601 Brushless Motor (1820W-910KV)	GUEC GM-601無刷馬達(1820W-910KV)
208610	GUEC GE-610 ESC 100A with built-in SBEC	GUEC GE-610電子變速器 100A(內建SBEC)

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