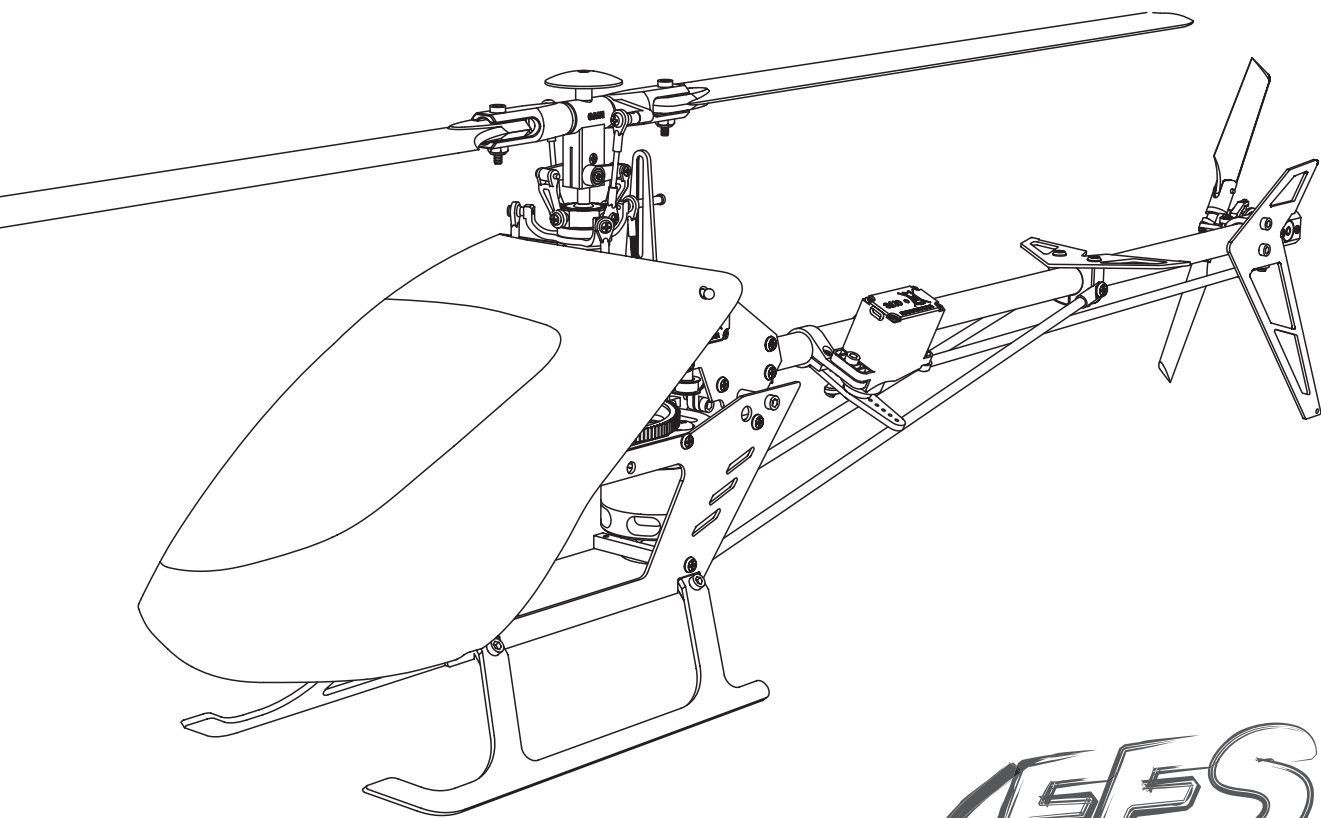


# GAUI

# X2



## **ASSEMBLY INSTRUCTION** **V1.0.4**

### **Recommendation:**

**We highly recommend using the latest version of the Assembly Instruction Manual.  
To download the latest version, please visit the Official TSH GAUI web site: [www.gaiui.com.tw](http://www.gaiui.com.tw)**

取得最新的手冊：  
我們非常建議您取得最新版本的手冊。  
請到泰世網站下載最新的手冊，並且取代目前的手冊。





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Thank you for purchasing **GAUI XE** 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 XE** 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, even though some elements are supplied as pre-assembled. Please refer to this 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.

Check all parts. If you find any defective or missing parts, contact your local dealer or **GAUI** TSH distributor.

Before you proceed to RC helicopter activity, please check and follow 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。

## LIABILITY DISCLAIMER

This product is for a radio controlled (RC) helicopter.

Improper operation, maintenance or assembly can potentially cause a 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 is intended for being operated by experienced mature radio control helicopter pilots 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, 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 results from the correct or incorrect operation of the helicopter.

After leaving its facilities, the manufacturer has no way of maintaining control or monitor over the assembly, maintenance and/or operation of the helicopter.

## 免責聲明

這個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、電線竿等場合或是人群附近。

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與法律責任。

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。

For United States market, The Academy of Model Aeronautics (AMA) is a national organization representing modelers in the United States. Please refer the National Model Aircraft safety code from Academy of Model Aeronautics. And we've partially reprinted rules that are especially pertinent for radio controlled flight as below:

### **RADIO CONTROL**

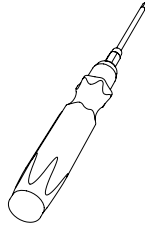
1. All pilots shall avoid flying models over unprotected people.
2. I will complete a successful radio equipment ground-range check in accordance with the manufacturer's recommendations before the first flight of a new or repaired aircraft.
3. At all flying sites a safety line or lines must be established, 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 #706 for 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](http://www.modelaircraft.org) or by contacting AMA headquarter.

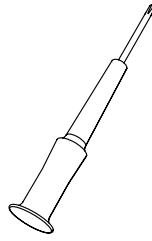
Academy of Model Aeronautics  
5151 East Memorial Drive  
Muncie, IN 47302  
Phone: (800) 435-9262  
Fax: (765) 741-0057



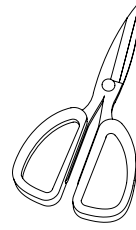
2.0mm Hexagon Screw Driver  
2.0mm 六角螺絲起子



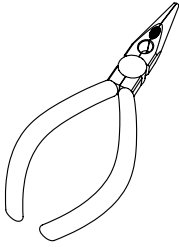
2.5mm Hexagon Screw Driver  
2.5mm 六角螺絲起子



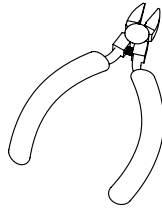
Philips Screw Drive  
十字螺絲起子



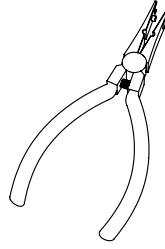
Scissor  
剪刀



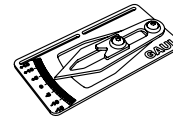
Needle-nosed pliers  
尖嘴鉗



Diagonal cutting plier  
斜口鉗



Ball Link Plier  
拔豆鉗



Dial Pitch Gauge  
主旋翼螺距規



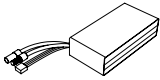
Lubricant  
潤滑油



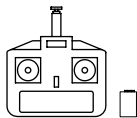
CA  
瞬間膠



Thread Lock  
螺絲止鬆劑



Battery 3S 11.1v  
鋰聚電池3S 11.1v



Transmitter (6-channel or more  
helicopter system)  
六動以上接收機&發射機



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



Apply special thread lock.  
To tight screw and apply thread lock.  
特殊型止鬆劑  
鎖緊螺絲並確認上膠



Attention: Pay attention, care should be taken during assembly.  
注意：組裝過程中請注意並小心安裝。



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



Apply special thread lock.  
Be certain to tight screw and apply thread lock.  
特殊型止鬆劑  
務必鎖緊螺絲並確認上膠



Extreme attention:  
More attention should be taken during assembly.  
Double check after assembly.  
非常注意：組裝過程中請非常注意並小心安裝及再確認組裝無誤。



Apply CA glue  
使用瞬間黏書劑



Apply lubricant  
依個人需求使用潤滑油。



Danger:  
High level of attention should 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。

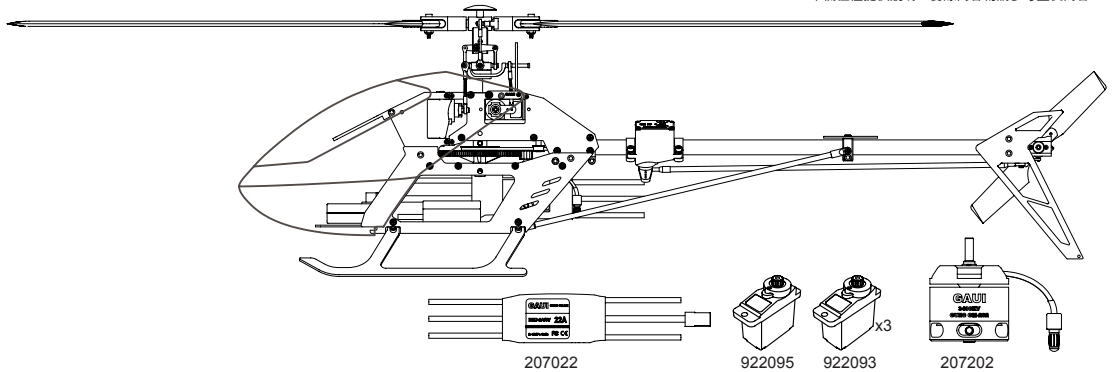


Apply special thread lock  
使用特殊型止鬆劑。

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)
P-tube P-柱狀體	P(Dia.in)x(Dia.out)x(Length) P(內徑)x(外徑)x(長度)
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.in)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)




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。


This manual is for reference only. Check your kit for actual contents  
本欄位僅提供說明，實際內容物請參考盒裝內容。



<b>Overall Length (with Canopy): 500mm</b>	機身長度的(含艙罩): 500mm
<b>Main Rotor Diameter: 560mm</b>	主旋翼迴轉直徑: 560mm
<b>Main rotor blades: 255mm</b>	主旋翼長度: 255mm
<b>Overall Height: 161mm</b>	機身高度: 161mm
<b>Overall Width: 83mm</b>	機身寬度: 83mm
<b>Tail Blade Length: 45mm</b>	尾旋翼葉片長度: 45mm
<b>Tail Rotor Diameter: 111mm</b>	尾旋翼迴轉直徑: 111mm
<b>Flying duration: 5~6 minutes</b>	飛行時間: 5~6分鐘
<b>Power System(Recommended):</b>	動力系統(原廠建議):
<b>Motor -- 3400KV</b>	馬達 3400 KV
<b>ESC 22A ESC</b>	電子變速器 22A ESC
<b>3S(11.1v/900mAh)</b>	使用鋰聚電池: 3S(11.1v / 900mAh)
<b>Total weight: 334g ±3% (Equipped with Blades and all electronic gears except Battery).</b>	全配重量: 334g ±3% (全套含電子裝備不含電池)





- a.M2x5 
- b.M2x3.2 
- c.M1.4x6 

 Apply thread lock on all screws in this section.  
螺絲均需上止滑劑

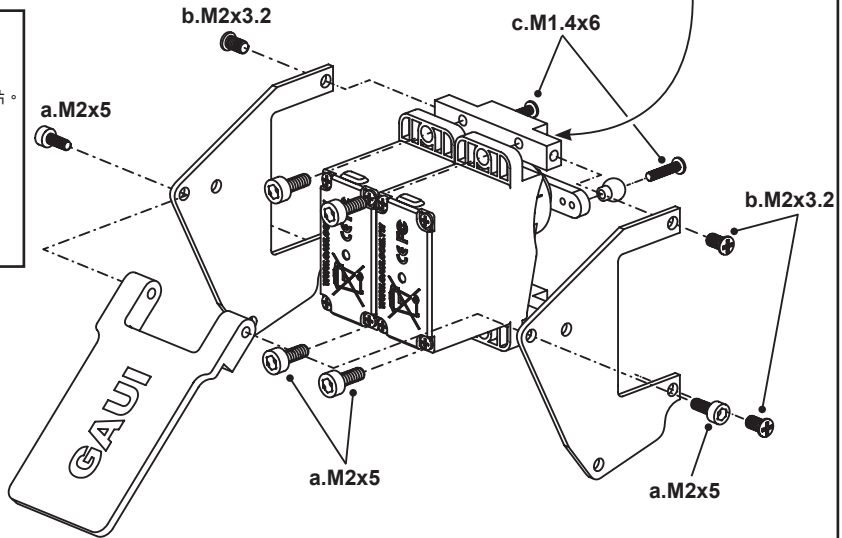
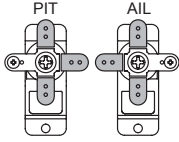
Make sure to assemble the Upper / Lower Mount at the correct position as shown in Figure.








組裝伺服機座鉗柱時請注意方向性


Upper Mount 


Lower Mount 

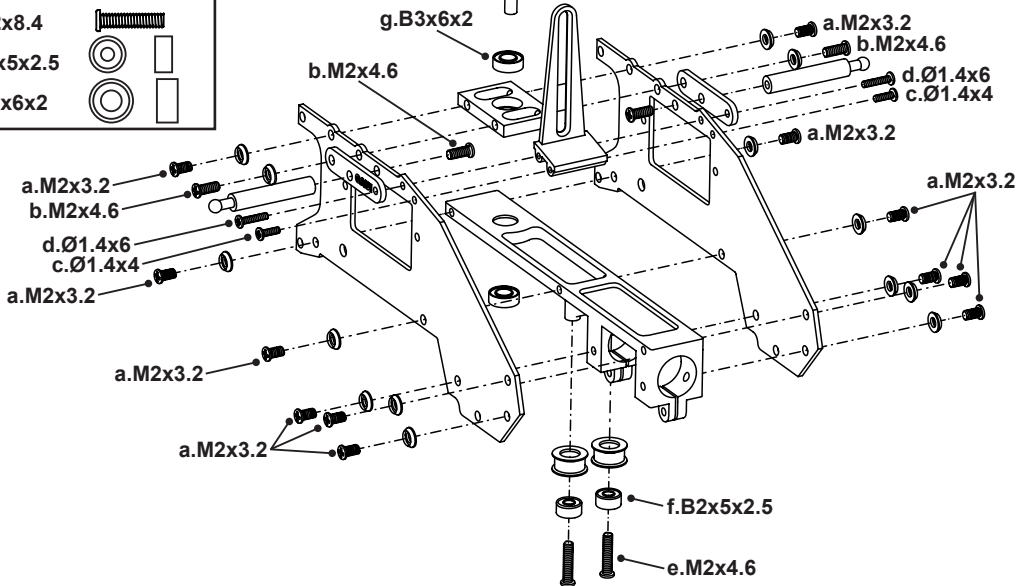
Make adjustment to the servo horns with the servo in neutral position.  
請在伺服器中立狀態下，組裝伺服器舵片並修剪多餘的舵片。



- a.M2x3.2 
- b.M2x4.6 
- c.Ø1.4x4 
- d.Ø1.4x6 
- e.M2x8.4 
- f.B2x5x2.5 
- g.B3x6x2 

 Apply thread lock on all screws in this section.  
螺絲均需上止滑劑

 When assembling the side frames, the main shaft can be placed in and tightened.  
組裝側板時可將主軸置入在鎖緊螺絲。



a.M2x3.2

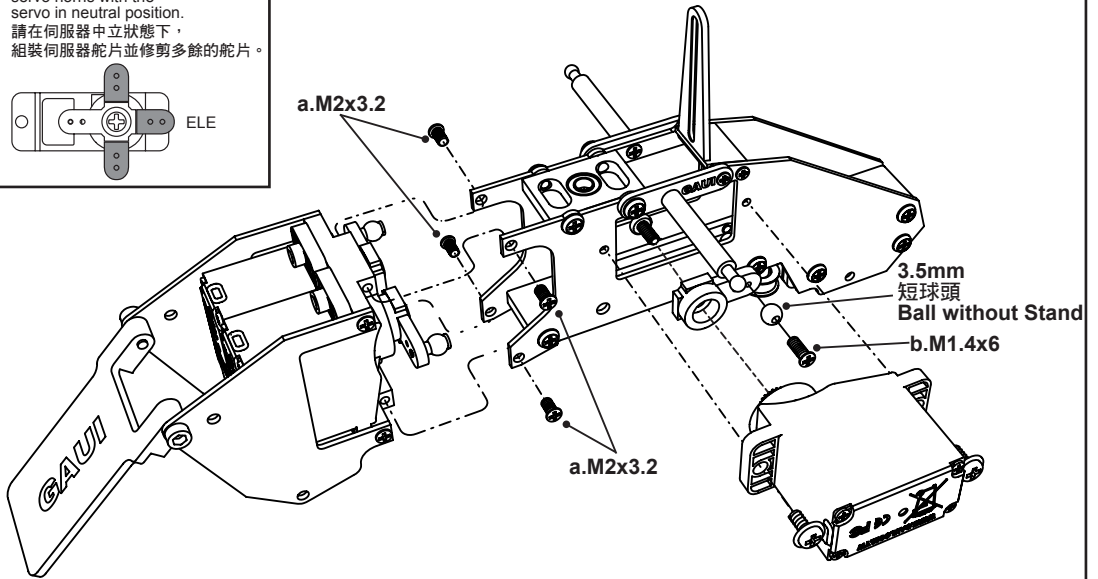
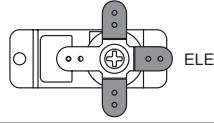


b.M1.4x6



Apply thread lock on all screws in this section.  
螺絲均需上止滑劑

Make adjustment to the servo horns with the servo in neutral position.  
請在伺服器中立狀態下，組裝伺服器舵片並修剪多餘的舵片。

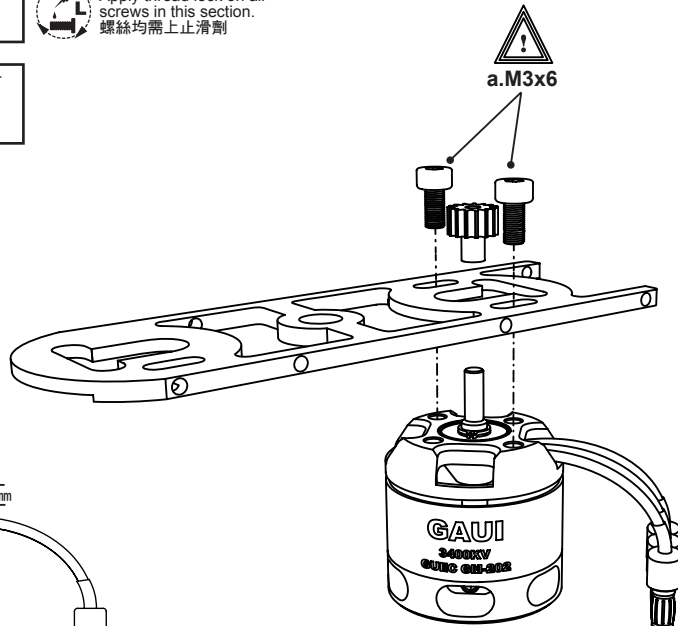
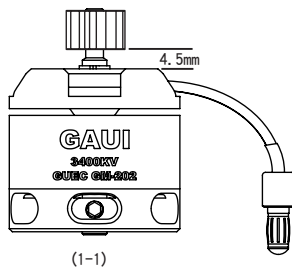






a.M3x6




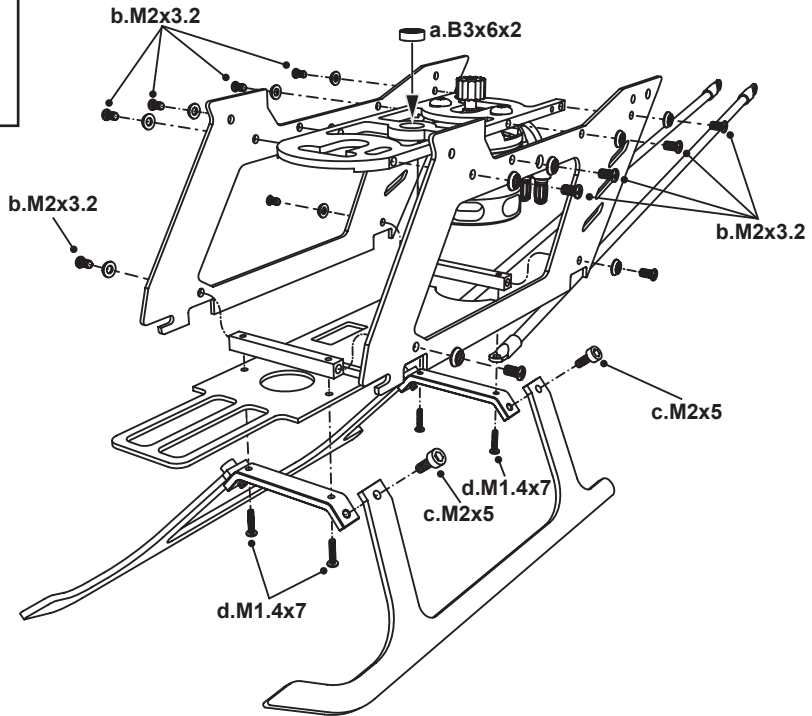
Apply thread lock on all screws in this section.  
螺絲均需上止滑劑







Install Motor and mount motor gear and screws.  
No need to tighten screws.  
組裝馬達並鎖上M3x4，不鎖緊。





- a.B3x6x2 
- b.M2x3.2 
- c.M2x5 
- d.M1.4x7 

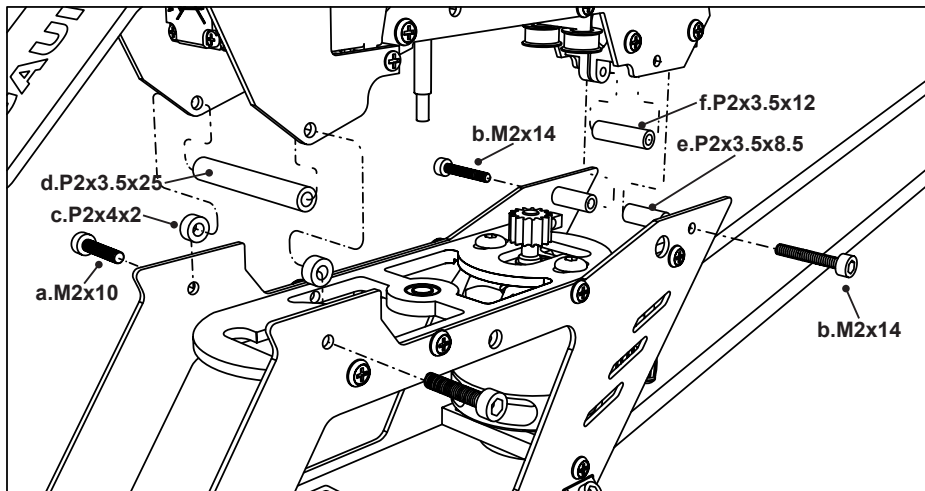
 Apply thread lock on all screws in this section.  
螺絲均需上止滑劑

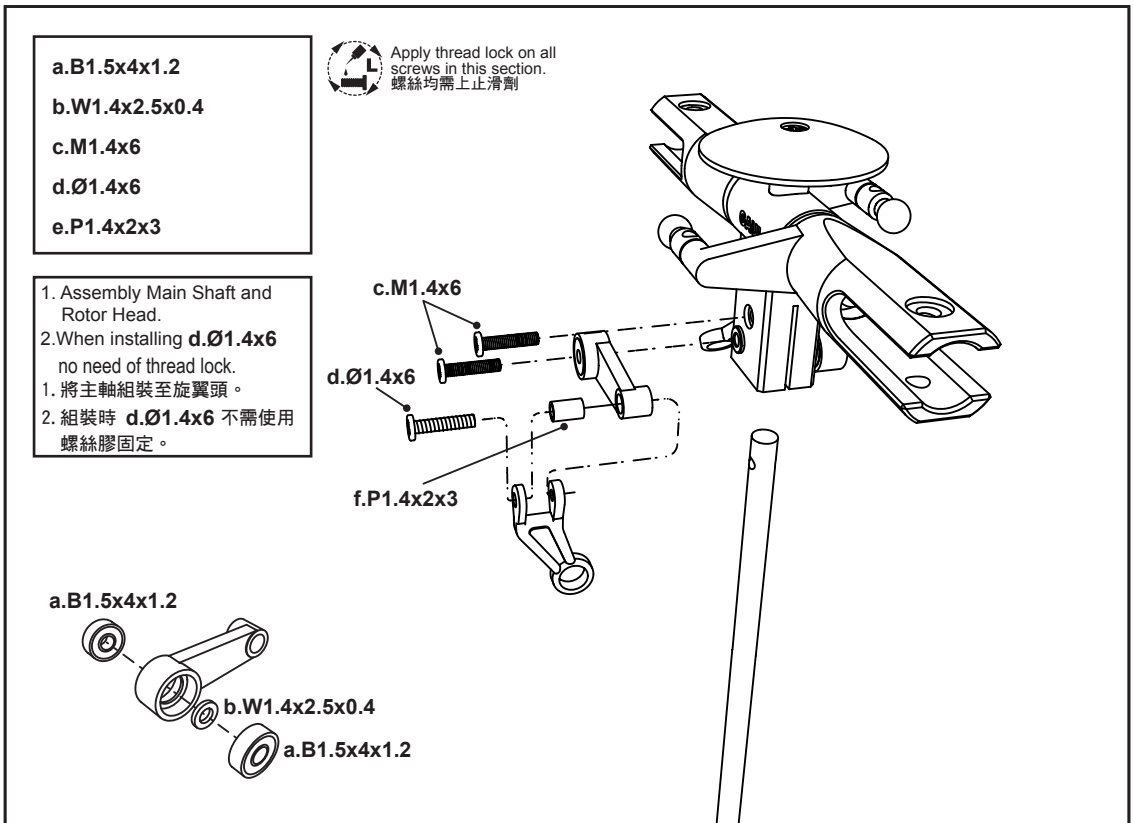
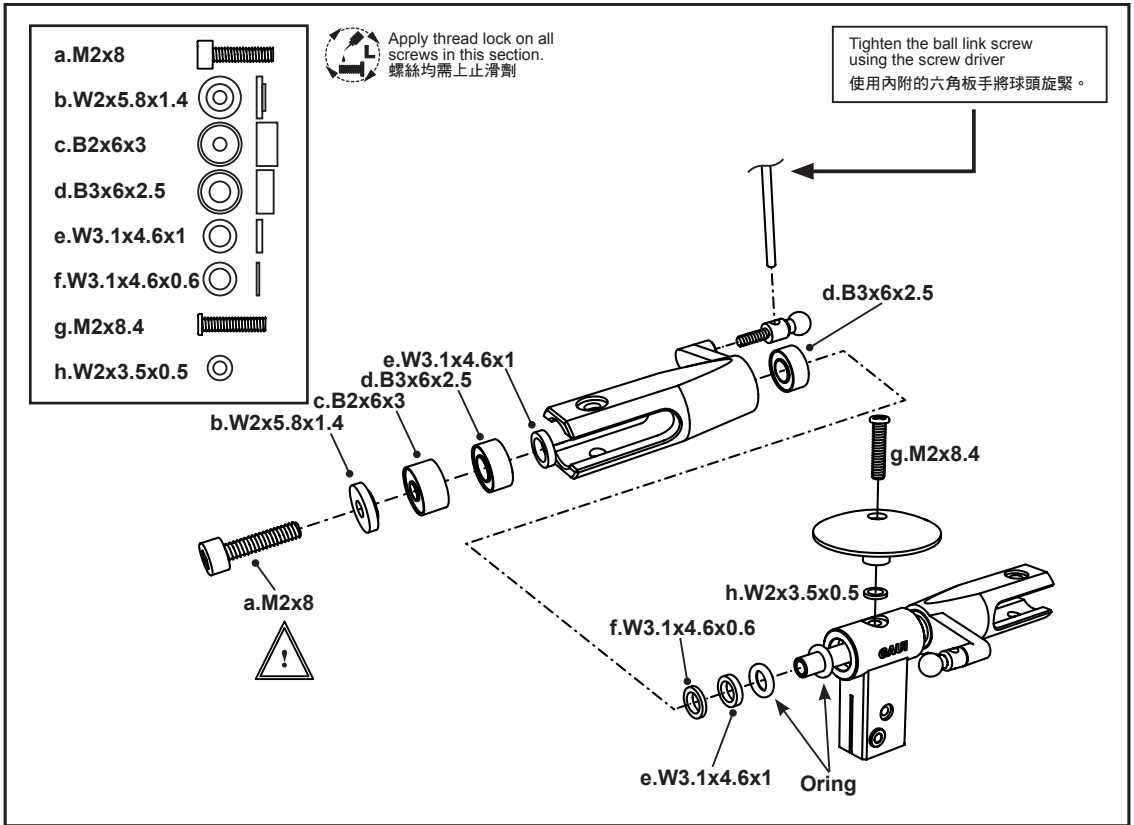


- a.M2x10 
- b.M2x14 
- c.P2x4x2 
- d.P2x3.5x25 
- e.P2x3.5x8.5 
- f.P2x3.5x12 

 Apply thread lock on all screws in this section.  
螺絲均需上止滑劑

 When assembling the side frames, the main shaft can be placed in and tightened.  
組裝側板時可將主軸置入在鎖緊螺絲。





a.M1.4x6



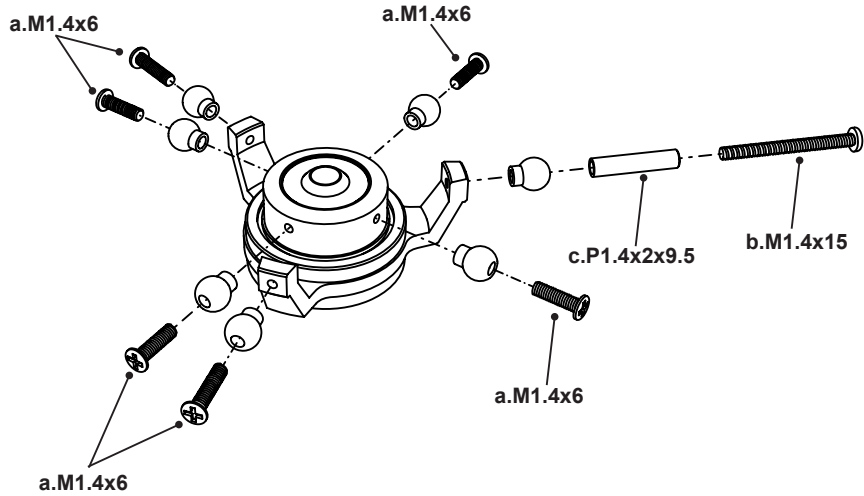
b.M1.4x15



c.P1.4x2x9.5



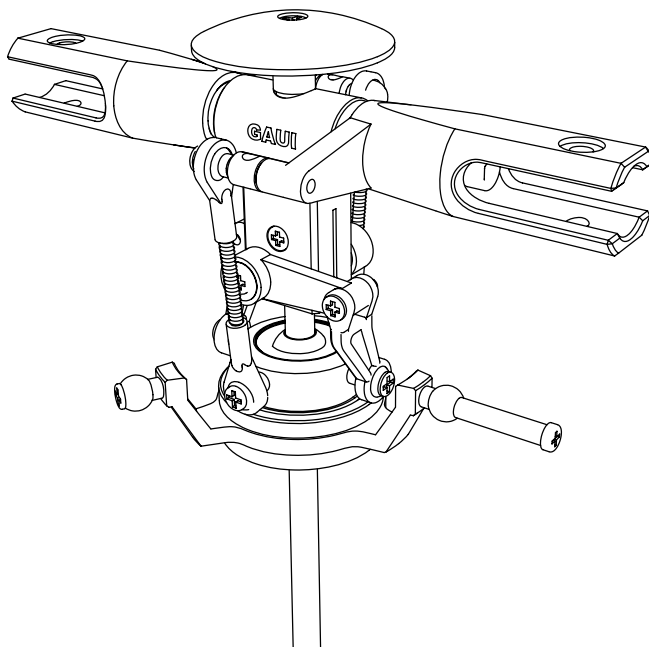
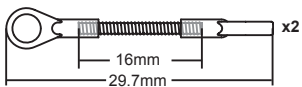
Apply thread lock on all  
screws in this section.  
螺絲均需上止滑劑



## Main Rotor Blade Ball Links Adjustment 主旋翼拉桿配置

GAUI TAI SHIH HOBBY CORPORATION

1. 製作兩支主旋翼拉桿並扣上。  
Build two ball links  
and insert in place.



a.M1.4x4



b.W1.4x2.5x0.4



c.B2x7x3



d.B2x5x2.5



e.W2x3.5x1



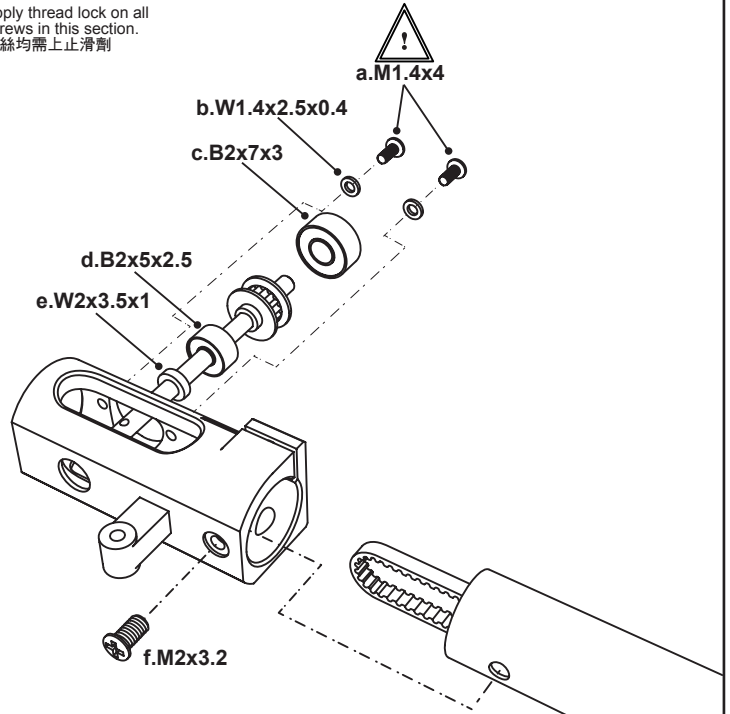
f.M2x4.6



Insert belt into pulley of tail rotor shaft and assemble tail rotor base as described by exploded view.  
將皮帶套入尾軸並如圖依序組裝。



Apply thread lock on all screws in this section.  
螺絲均需上止滑劑



a.M1.4x4



b.B1.5x4x2



c.W1.4x2.5x0.4



d.Ø1.4x6



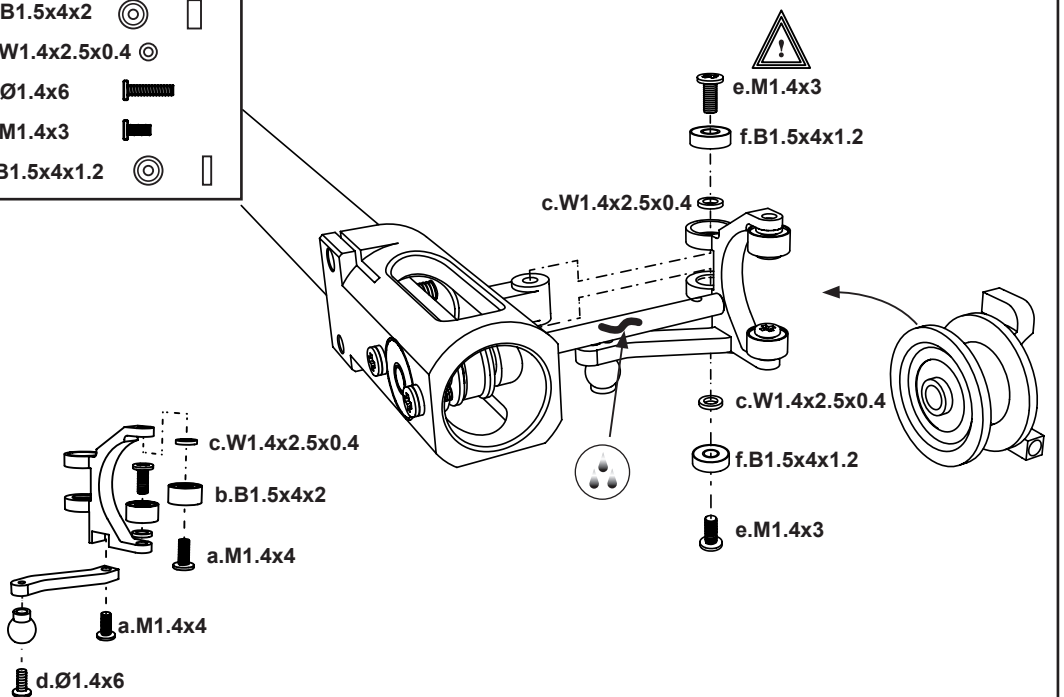
e.M1.4x3

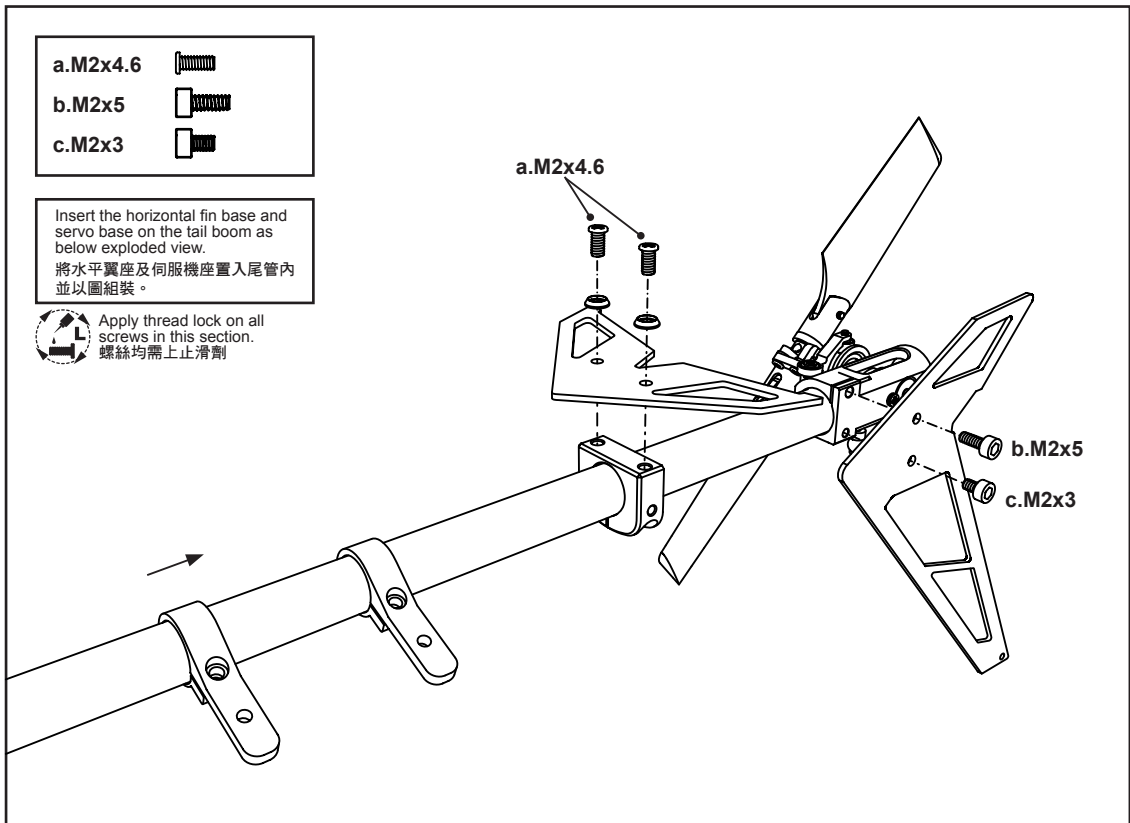
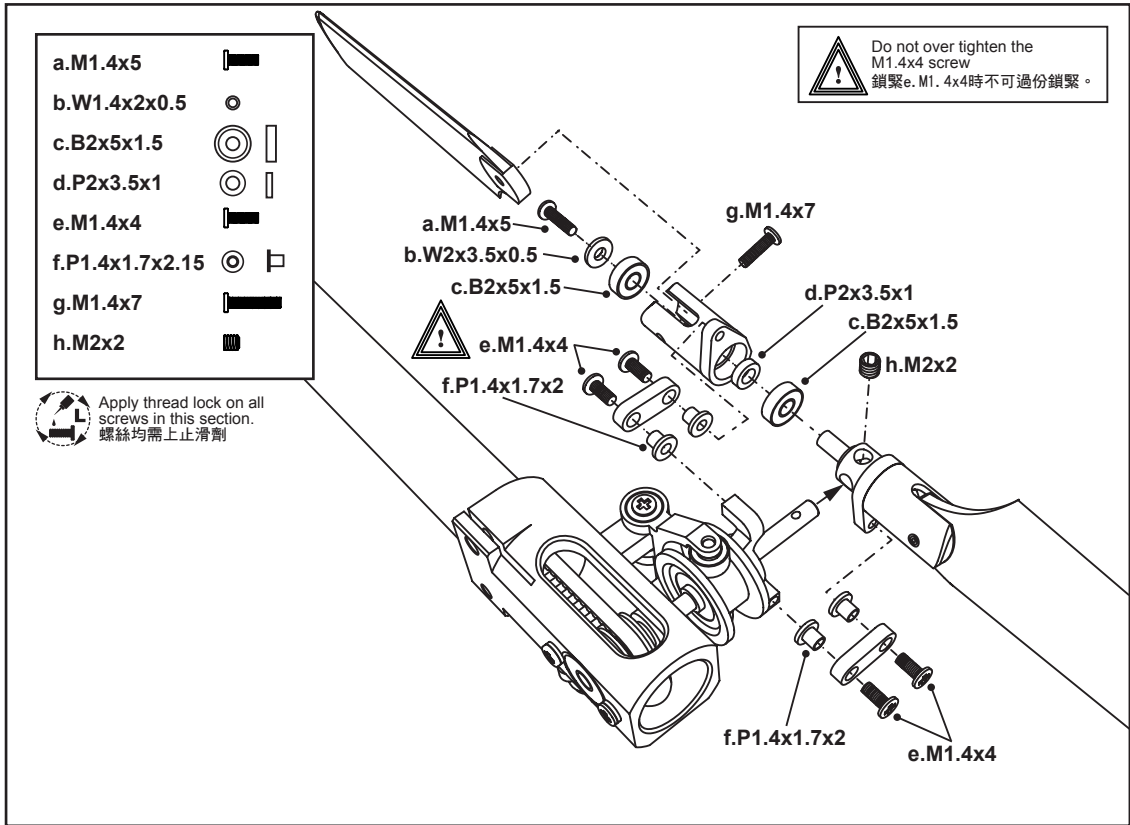


f.B1.5x4x1.2

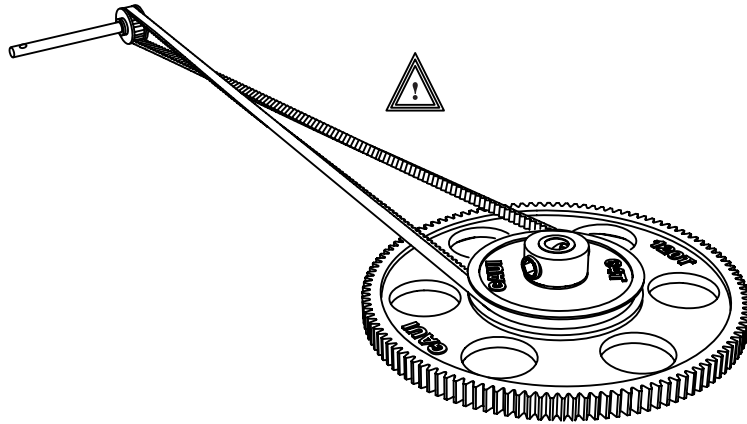


Apply thread lock on all screws in this section.  
螺絲均需上止滑劑





When installing the tail boom assembly, Please make sure the direction and position of the belt.  
安裝尾管總承時請確認皮帶方向無誤不可纏繞



## Main Gear Installation 主齒盤安裝

## GAUI TAI SHIH HOBBY CORPORATION

a.M3x3



b.M2x2



c.M2x5

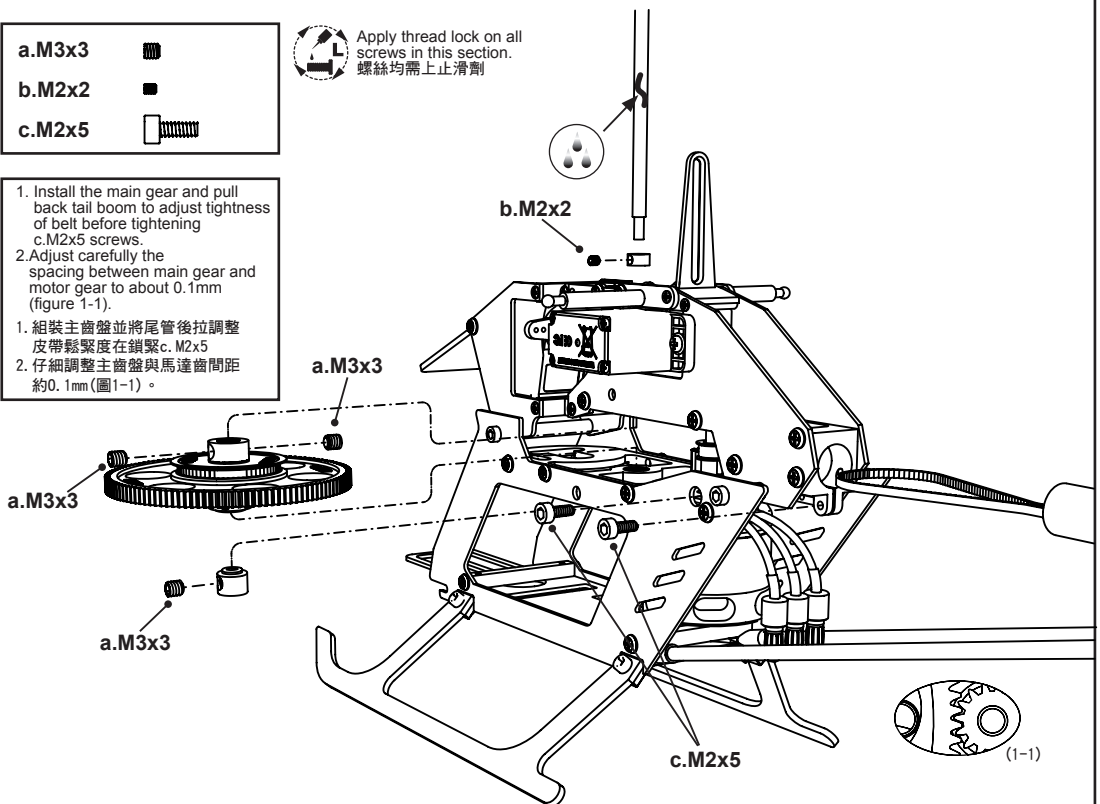


Apply thread lock on all screws in this section.  
螺絲均需上止滑劑




1. Install the main gear and pull back tail boom to adjust tightness of belt before tightening c.M2x5 screws.

2. Adjust carefully the spacing between main gear and motor gear to about 0.1mm (figure 1-1).

1. 組裝主齒盤並將尾管後拉調整皮帶鬆緊度在鎖緊c.M2x5  
2. 仔細調整主齒盤與馬達齒間距約0.1mm(圖1-1)。

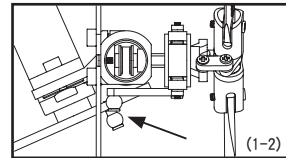
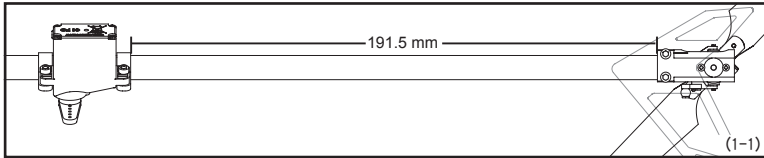
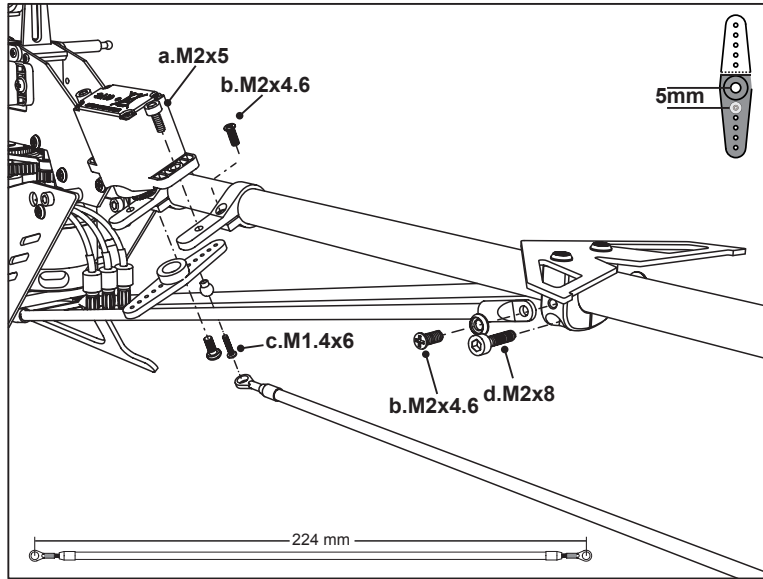




- a.M2x5 
- b.M2x4.6 
- c.M1.4x6 
- d.M2x8 

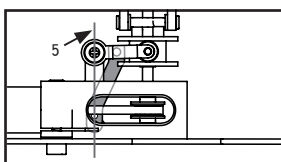
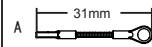
1. Install tail servo and tail boom support rods. Adjust tail servo rod length.
  2. Adjust position of servo base (figure 1-1).
  3. Adjust position of servo base by turning around the tail boom so that the ball screw on the servo horn is aligned (figure -2), clip on the servo rod ball link.
1. 組裝尾舵伺服機及支撐桿，調整尾舵拉桿長度。
2. 調整伺服器座位置(圖1-1)。
3. 旋轉伺服機座使球頭呈同一直線(圖1-2)，扣上拉桿。

 Apply thread lock on all screws in this section.  
螺絲均需上止滑劑



1. Check Main rotor clam is leveled.
  2. Check washout Arm is leveled horizontally.
  3. Check swash plate is leveled horizontally.
  4. Check servo horn is leveled horizontally.
  5. Check Tail servo horn and arm are perpendicular.
1. 確認主旋翼夾頭水平。
2. 確認剪型臂水平。
3. 確認十字盤水平。
4. 確認伺服機舵片水平。
5. 確認尾舵伺服機舵片與尾舵柄同垂直。

All use the 16mm thread rod  
皆使用16mm之全牙螺桿



Receiver

GYRO

ESC

5

1. Move the throttle stick upward, check and make sure 3 linkages of swashplate all moved upward, if any one of the CCPM servos does not push up the swash plate. Go to the transmitter setting to set Norm/Reverse to set the correct movement.
2. Move the AIL stick rightward, check and make sure the swashplate tilt to right side, if it tilt to the opposite side, set the "AIL %" in transmitter function "Swash Mix" to Negative value to make the swashplate move as your control. ( Ex. Set the "AIL +50%" to "AIL -50%")  
\* Increase or decrease the "AIL %" to get the proper response of the AIL control.
3. Move the ELE stick forward, check and make sure the swashplate tilt forward, if it tilt to the opposite side, set the "ELE %" in transmitter function "Swash Mix" to Negative value to make the swashplate move as your control. ( Ex. Set the "ELE +50%" to "ELE -50%")  
\* Increase or decrease the "ELE %" to get the proper response of the ELE control.
4. Set the transmitter function "Subtrim" to adjust the neutral position of CCPM servos, the servos at neutral should have the servo arms at level position, and each arm should be perpendicular to the control linkage.
5. Move the throttle stick to the neutral (middle at 50% value), use a pitch gauge to check the pitch of both blades, adjust the linkages to make sure they are all in 0 degrees of both blades.
6. The Servo Horns / Swash Plate / Washout Arms / should be set to be horizontally leveled as shown in figure.
7. Move the throttle stick to the top position, the maximum positive pitch should be around +11 to +13 degrees, if is not the case, set the proper "Pitch%" in the transmitter function "Swash Mix". Move the throttle stick down to the bottom position, the maximum negative pitch should be around -11 to -13 degrees, set the transmitter function "Travel Volume / End Point" properly to adjust to recommended negative pitch. **IMPORTANT :**  
The increase/decrease value of the transmitter function "Travel Volume / End Point" of each CCPM servo should be the same in this step.  
\* Before starting step 8, make sure to move the control sticks to check the movement of the swashplate and set the proper "AIL %" and "ELE %" in transmitter function "Swash Mix" to make sure each mechanism does not interfered with each other.
8. Move the throttle stick to the lowest position, set the proper "Pitch Curve %" in transmitter function "Normal Mode" to make the negative collective pitch to be -2 or -3 degrees at the lowest throttle stick position( it is about 40% to 45% at the 1st pitch curve point at normal mode). The value of the middle point of pitch curve in normal mode is about 55% to 60%.

1. 油門搖桿上推，確認連接3類伺服機的十字盤是否同時向上移動，若無同時向上移動，請至遙控器選單設定【伺服機正反向設定】選項更改動作相反的伺服機使十字盤同時向上移動。
2. 向右撥動副翼搖桿，確認十字盤是否向右傾斜，若無向右傾斜，請至遙控器選單中SWASH A選項內的AIL (副翼)的%數更改為負值。  
◎適當的增減數值可調整AIL動作量大小。
3. 向前撥動升降搖桿，確認十字盤是否向前傾斜，若無向前傾斜，請至遙控器選單中SWASH B選項內的【ELEV】升降的%數更改為負值。  
◎適當的增減數值可調整ELEV動作量大小。
4. 至遙控器選單中的【伺服機微調選項的 "Subtrim" 功能】將十字盤3類伺服機擺臂微調至垂直90度。
5. 請將油門搖桿撥至中立，以螺距尺測量主旋翼的度數是否為0度。若不是0度，請調整連桿長度使2支主旋翼均為0度。
6. 調整3類伺服機連桿長度至十字盤、相位器、皆水平。
7. 請將油門搖桿向上撥至最高，測量主旋翼最大【正】螺距度數，應為+11至+13度。若不是，請調整遙控器選單中【SWASH】內的【PIT】數值。請將油門搖桿向下撥至最低，測量主旋翼最大【負】螺距度數，應為-11至-13度。【正】【負】螺距度數需一樣若不是，請調整遙控器選單中的【伺服機大小行程量】數值，三類伺服機需同時增加或減少至測量結果與正螺距度數相同。  
◎請、上、下、左、右、前、後撥動搖桿，查看十字盤行程動作是否有干涉。若有干涉請至SWASH減少AIL、ELE數值。
8. 請將油門搖桿撥至最低點，測量主旋翼【負】螺距度數約在-2至-3度，並請進入遙控器選單中【PITCH曲線設定】選項，至【NORM模式】中增加數值最低的數值，使主旋翼【負】螺距度數約在-2至-3度。【設定完的數值大約在40%至45%之間】至曲線設定中間的數值，增加數值至55至60%

1. Set the gyro to heading-hold mode, move the rudder stick rightward and make sure the tail pitch slider move toward the tail gear case, if it does not, switch the transmitter function "Servo Reverse" of "Rudder" to the opposite position.

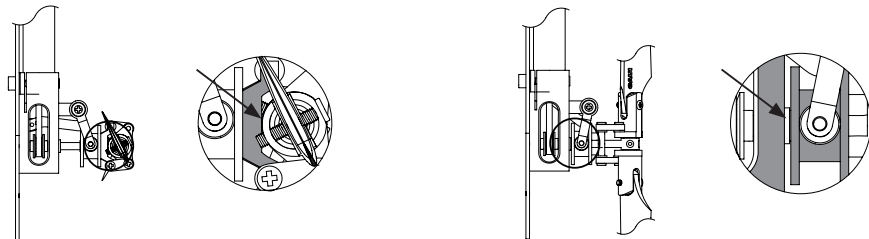
請至遙控器設定選單中【陀螺儀感度GYRO】至鎖定狀態，向右撥動尾舵搖桿，尾軸滑套須向尾齒箱移動，若不是請調整遙控器選單中【伺服機正反向設定】選項中【RUDD】的正反向。

2. Set the "Limit" on your gyro properly to have the maximum travel of tail pitch control, make sure the tail pitch slider at its maximum travel to left and right should not touch the Tail Gear Case and Tail Hub, there should be a distance for 0.5mm( or less ) at each side.

Please follow your own gyro's instruction manual for adjustments.

設定尾舵左右最大行程量，左右最大行程量保持與尾齒箱及尾旋翼頭 0.5mm 距離不干涉為主。

(各廠牌陀螺儀行程量設定方法不同請參照陀螺儀說明書作設定)。



212003	X2 Kit	X2 Kit
212005	X2 Super Combo	X2 Super Combo
212100	X2 CNC Stop Plate	X2 CNC煞車盤
212101	X2 FES Rotor Head(Titanium anodized)	X2 FES 主旋翼頭(電鍍鈦)
212102	X2 CNC New FES Main Grips set for H255(Titanium anodized)	X2 CNC新無平衡桿主旋翼夾頭組(鈦色)
212103	Bearing(2x6x3)x2pcs	軸承包(2x6x3)x2個
212104	Bearing(3x6x2.5)x2pcs	軸承包(3x6x2.5)x2個
212105	X2 FES CNC Washout Arm Assembly (Titanium anodized)	X2 FES CNC 剪型臂(電鍍鈦)
212106	Bearing(1.5x4x1.2)x2pcs	軸承包(1.5x4x1.2)x2個
212107	X2 Spindles	X2 橫軸包
212109	X2 FES Main Shafts Pack (3x83.5mm)	X2 FES 專用主軸(3x83.5mm)
212110	X2 FES Rotor Head Pack	X2 FES 旋翼頭連桿配件包
212111	X2 CNC Swashplate Assembly	X2 CNC 十字盤組
212112	X2 Balls & Extension for CNC Swashplate combo pack	X2球頭及延伸桿組合包
212113	X2 FES New 2Blade Head (3x83.5mm) (Titanium anodized)	X2 FES 新型2槳無平衡桿旋翼頭(電鍍鈦)
212220	CF main blades (255L-CFA)	碳纖槳 255L (CFA)
212221	CF Main Rotor Blades (255L-Black)	碳纖槳 255L(黑色)
212300	Canopy Posts&X2 Damper Rubbers Pack (for canopy)	X2艙罩支柱&橡膠減震包(座艙用)
212301	X2 Canopy Post Stiffener(Alu black anodized)	X2 艙罩支柱強化版(鋁合金電鍍黑)
212302	X2 CNC Universal Battery Plate	X2 CNC 萬用電池座
212303	X2 CNC Integrated Middle Mount	X2 CNC 一體成型主軸及尾管座
212304	X2 CNC Front Servo Mount	X2 CNC 前伺服機座
212305	X2 CF Upper Frames	X 2 碳纖上側板組
212306	X2 CF Lower Frames	X2 碳纖下側板組
212307	X2 CF Landing Gear -Black	X2 碳纖腳架組
212308	X2 FRP Painted Canopy(B Type)	X2 玻纖噴漆座艙(B型)
212309	X2 FRP White Canopy	X2 玻纖黑白座艙組
212310	X2 FRP Painted Canopy(A Type)	X2 玻纖噴漆座艙(A型)
212311	X2 FRP Painted Canopy(C Type)	X2 玻纖噴漆座艙(C型)
212312	X2 FRP Painted Canopy(D Type)	X2 玻纖噴漆座艙(D型)
212313	X2 CNC Swashplate Guide	X2 CNC 十字盤滑軌
212314	X2 CF Landing Gear -(Black)	X2 碳纖腳架(黑)
212315	X2 Main Pulley Collars(for High Performance Main Gear)	X2 主皮帶輪固定環(高性能主齒盤用)
212316	X2 Upper Mast Collar	X2 上主軸固定環
212317	One Way Bearing & Auto-rotation Main Gear Set	高性能同步自旋主齒盤附單向軸承組
212318	X2 Swashplate Guide	X2 十字盤滑軌
212319	X2 CNC Mast Mount	X2 CNC 主軸座
212320	X2 CNC Motor Mount	X2 CNC 馬達座
212321	Bearing(2x5x2.5)x3pcs	軸承包(2x5x2.5)x3個
212322	Bearing(3x6x2)x2pcs	軸承包(3x6x2)x2個
212323	B. for X2 Main Gear	X2 主齒盤軸承包
212324	X2 Aluminum Frame posts	X2 碳纖側板鋁柱包

212324	X2 Aluminum Frame posts	X2 碳纖側板鋁柱包
212400	X2 CNC Tail Pulley and Output Shaft Assembly(15T for belt version)	X2 金屬尾齒輪組(15T皮帶版用)
212401	Bearing(2x7x3)x2pcs	軸承包(2x7x3)x2個
212402	X2 Tail Hub Set	X2 尾旋翼頭
212403	X2 CNC Tail Support Clamp	X2 CNC 水平尾翼及尾支撐桿座
212404	X2 CNC Tail Servo Mount for Boom 9mm	X2 CNC 尾伺服機座(9mm尾管用)
212405	X2 CNC Integrated Tail Gear Case (Black anodized)	X2 一體成型尾殼座組(電鍍黑)
212406	X2 CNC Tail Rotor Grips(Titanium anodized)	X2 CNC 尾旋翼夾頭組(鈦色)
212407	X2 CNC Tail Pitch Slider	X2 CNC 雙推尾滑套
212408	X2 Arc Tail Lever Set	X2 雙推尾舵柄組
212409	X2 CF Fin & Tail(A Type-Black)	X2 碳纖尾翼組(A型-黑)
212410	X2 High Performance Tail Rotor Blades(45mm)	X2 高性能尾旋翼片組(45mm)
212411	X2 Tail Boom Support Set	X2 尾支撐桿組
212412	X2 Black anodized Tail Booms Pack	X2 黑色尾管包
212413	CF Tail Pushrod(CF rod 3x200mm)	碳纖維尾拉桿(3x200mm 碳纖桿)
212651	Washer Pack (W1.4x2.5x0.4)(P1.4X2X3)	墊片包(W1.4x2.5x0.4)(P1.4X2X3)
212652	Countsunk Washer and Machine Screw set(M2x3.2)x10	沉頭墊片及螺絲組(M2X3.2)x10組
212653	Mechine Screws(M1.4x3)(M1.4x5)(M1.4x6)(M1.4x7)	十字機械牙螺絲組(M1.4x3)(M1.4x5)(M1.4x6)(M1.4x7)
212657	Machine Screws(M2x4.6)(M2x8.4)(M2x5)(M2x2)	機械牙螺絲組(M2x4.6)(M2x8.4)(M2x5)(M2x2)
212663	Washer Pack(W3.1x5.5x1.1-W3.1x4.6x1)	墊片包(W3.1x5.5x1.1-W3.1x4.6x1)
212700	Blade Support&Cable Tie with Touch Fastener (for X2)	主翼支撐墊&魔術束帶包(X2用)
212715	Pinion Gear with Neck 15T(for 2.3mm shaft)	長頸馬達齒15T(孔徑2.3mm)
212726	Tail Rotor Belt(for X2 Series)	尾傳動皮帶(X2系列用)





**GAUI**

<http://www.gai.com.tw>  
E-mail: [gai@gai.com.tw](mailto:gai@gai.com.tw)  
F A X: +886-2-2610-5567