

組立說明書

MEGA BO★STER

INSTRUCTION MANUAL



HONGNOR

QUALITY R/C MODEL PRODUCTS

1/8 SCALE RACING MONSTER TRUCK

THIS IS NOT TOY !

- DO NOT USE WITH CHILDREN UNDER 14 YEARS OF AGE OR WITHOUT ADULT SUPERVISION.
- MODEL PAINTING IS NOT A PART OF THIS KIT.
- PAINT IS NOT INCLUDED.
- NOT INCLUDED : ELECTRIC SPEED CONTROL , BRUSHLESS MOTOR AND BATTERY.
- SOME KIT TYPES MAY NOT INCLUDE ENGINE.
- KIT IN INSTRUCTION MANUAL MAY BE DIFFER FROM PICTURE SHOWN.
- ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

本產品非玩具！

- 14歲以下或沒有成人督導之兒童請勿使用本產品。
(不熟悉模型組裝使用者請洽專業人士指導。)
- 模型用噴漆、噴漆用品及工具不包含在本套件內。
- 本套件不包含：電子變速器、無刷馬達及各式電池。
- 本圖示產品可能為試樣品，其可能與包裝不同。
- 全部規格及配備已實際包裝為主，配備內容或零件變更恕不另行通知。

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WARNINGS 警告

This product is not intended for those under 14 years of age without proper adult supervision. The product is not a toy. It is a precision machine requiring proper assembly and setup to avoid accidents and it is the responsibility of the owner to operate this product in a safe manner as it can cause serious personal injury and damage to property due to carelessness or misuse.

若沒有適當的成人監督，該產品不適合未滿14歲的孩童使用。該產品不是玩具，這是一台精密的機器，需要正確的組裝，以避免事故的發生。以正確的方式操作此產品是使用者的責任，因為它可能因為粗心或是錯誤的使用方式而導致嚴重的個人傷害。

Operate this product within your ability. Do not operate under tired condition.

在使用者的能力範圍內操作，請勿在疲累的狀況下使用操作。

Choose an appropriate operating site consisting of flat, smooth ground, and clear open field. Do not operate near buildings, high voltage cable lines, or trees to ensure safety operation. Operate in safe area only, away from other people. RC models are prone to accidents, failures, and crashes due to a variety of reasons including, lack of maintenance, user error, and radio interference. Users are responsible for their actions and damage or injury occurring during the operation.

選擇平坦、乾淨滑順的開放空地。請勿在大樓附近、高壓電線附近或樹木附近操作以確保安全。請在安全的地方使用，遠離人群。RC產品可以因為多種不同原因而導致意外與傷害發生，例如：缺少保養，使用者操作錯誤或是遙控器干擾。而使用者也必須為他們在操作過程中對他人所產生的傷害負責。

You should complete a successful pre-run check of your radio equipment and model prior to each run.

使用者必須落實事前檢查，包括遙控器設備與車體。

WARNING NOTES 警告事項

1. Don't drive your model car when it raining or thundering to keep safety.

為了確保安全，請不要在下雨天或是打雷時使用模型車。

2. KEEP your model car in dry normal temperature condition, and keep away from water.

請讓你的車子保持在乾燥的常溫環境，而且須遠離積水地區。

3. Please do not use other optional parts to install our model car if you can not make sure it can match your car or not.

And please do don't over load or or use it to do breaking local law.

假使你並不確定其他車種的改裝品是否合用本型號，請不要使用其他車種的改裝品安裝在車子上。而且請不要過載，也請不要觸犯當地法律。

4. Please keep car away from fire as it was mostly made by plastic and electric material.

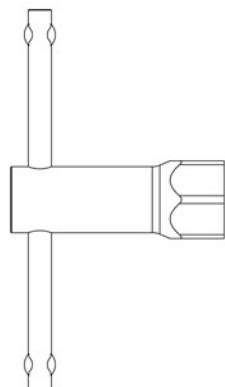
請讓車子遠離火源，因為它大部份是由塑膠和電子零件所製成。

If you are in doubt of your ability to operate the model, we strongly recommend that you seek assistance from experienced RC users or join your local modeling club to gain the required knowledge and skill. As the manufacture and distribution, we assume no liability for the use of this product.

如果你對自己的操作能力有所質疑，我們強烈建議您尋求有豐富RC經驗人的協助，或是加入當地車隊可以增加相關知識與技巧。做為一個製造商或經銷商，我們無法設定使用者的能力高低。

INCLUDED IN THE KIT

套件內裝備



17mm Wheel Nut
Wrench
輪圈六角板手



1.5mm Allen Wrench
1.5mm內六角板手



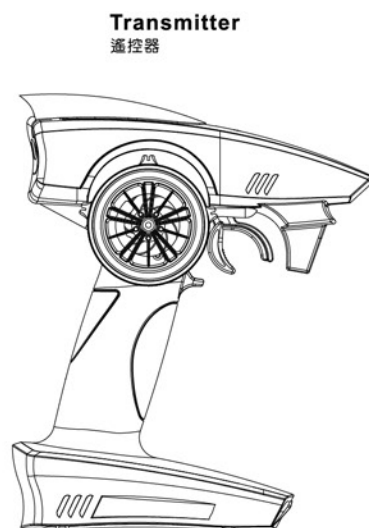
2mm Allen Wrench
2mm內六角板手



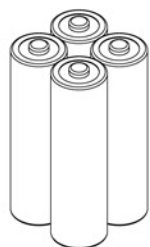
2.5mm Allen Wrench
2.5mm內六角板手



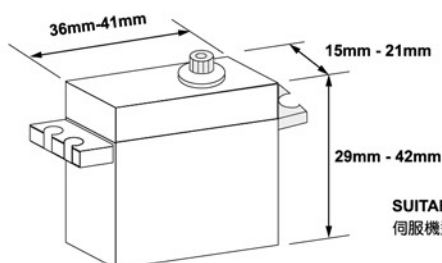
#384
4mm*5mm Allen Wrench
4mm*5mm六角板手



Transmitter
遙控器

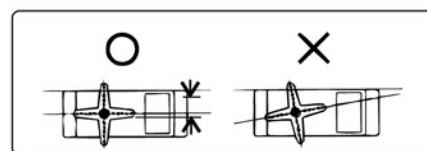


UM-3 Batteries(4pcs)
3號乾電池 (4顆)
需另購品 (Equipment Needed)



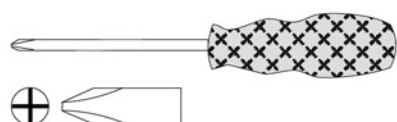
SUITABLE SERVO SIZE
伺服機適合尺寸

*Read the radio manual
before use.
*使用前請仔細閱讀遙控器
說明書。

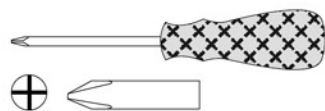


TOOLS NOT INCLUDED IN THE KIT

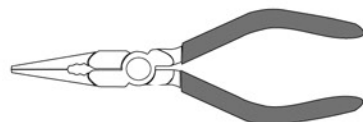
需使用之工具



Phillips Type Screw Drivers (L)
大型十字螺絲起子



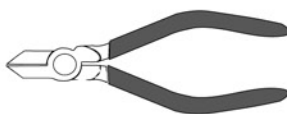
Phillips Type Screw Drivers (S)
小型十字螺絲起子



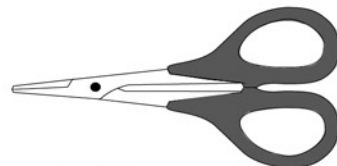
Needle Nosed Pliers
尖嘴鉗



Knife
美工刀



Cutter
斜口鉗



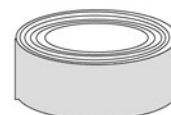
Curved Scissors
彎頭剪刀



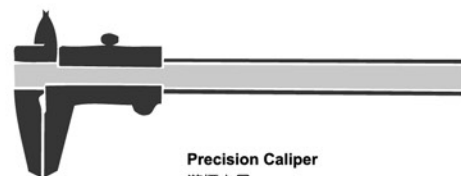
Cross Wrench
六角起子



Instant Cement
3秒瞬間膠水



Masking Tape
紙膠帶



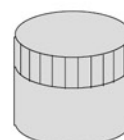
Precision Caliper
游標卡尺



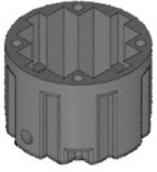
Brush
刷子



Paints
模型用油漆



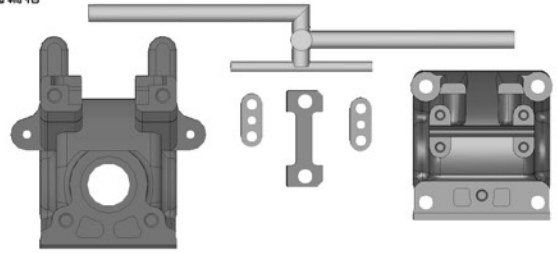
X1-38
DIFF. CASE
差速器殼



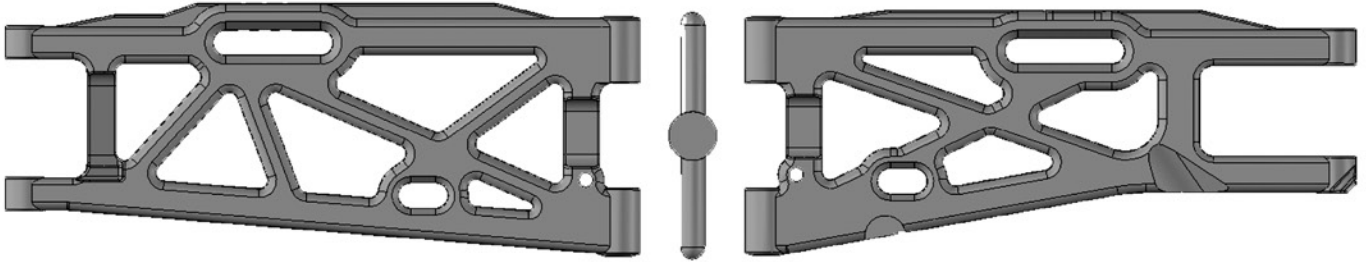
X1-36
FRONT C HUB
C型座



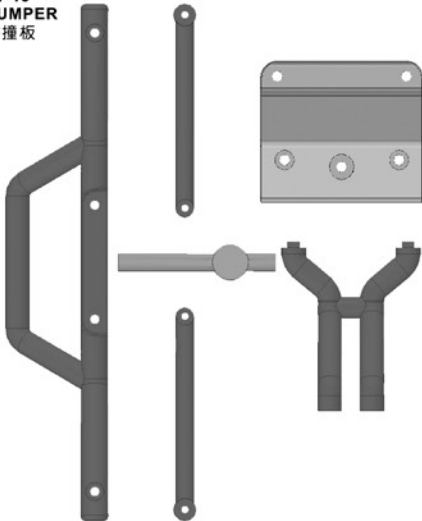
X1-33
FRONT AND REAR GEAR BOX
前後齒輪箱



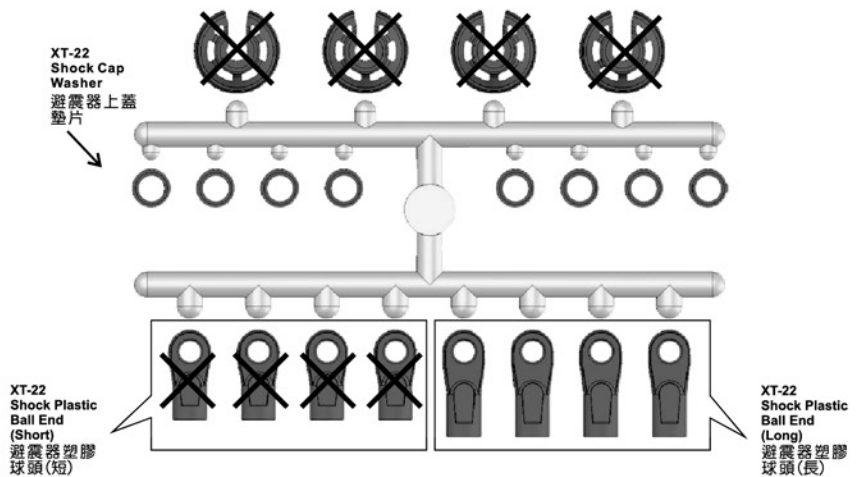
XT-18
FRONT AND REAR LOWER ARM
前後下擺臂



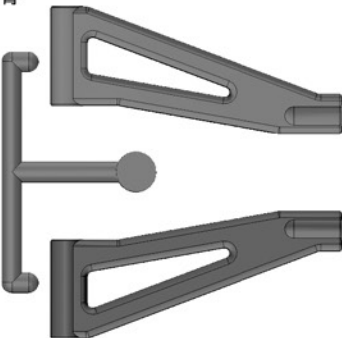
XT-19
BUMPER
防撞板



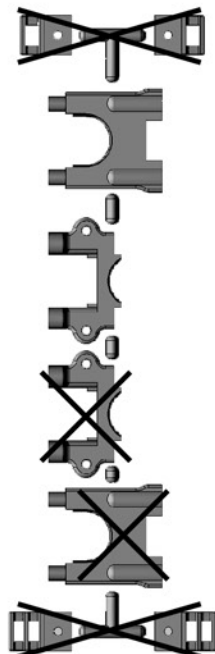
XT-22
PLASTIC SHOCK PARTS
避震器塑膠零件



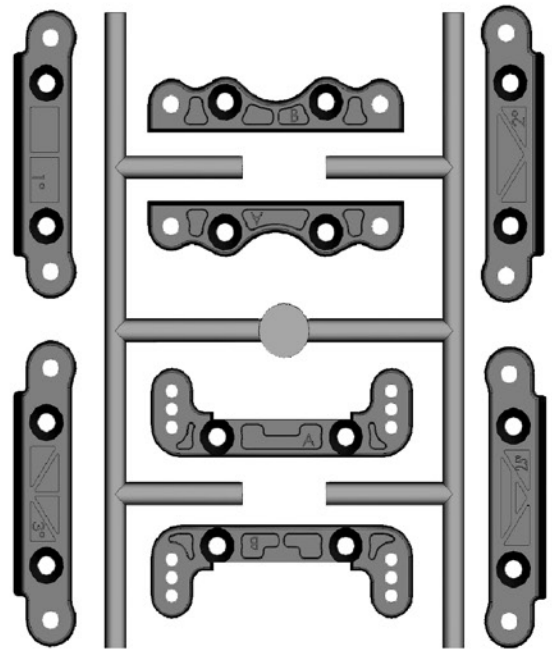
XT-17
FRONT UPPER ARM
前上擺臂



XT-31
CENTER DIFF. MOUNT
中差座



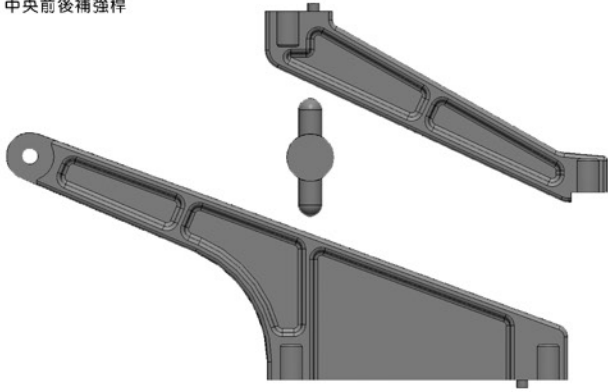
X1-34
ARM HOLDER
擺臂固定座



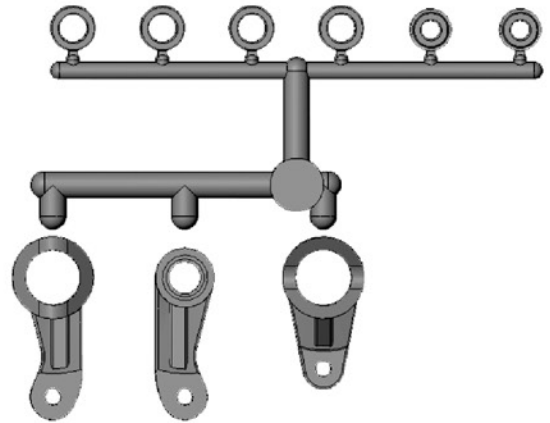
#387G
SHOCK HOLDER
避震器彈簧止座



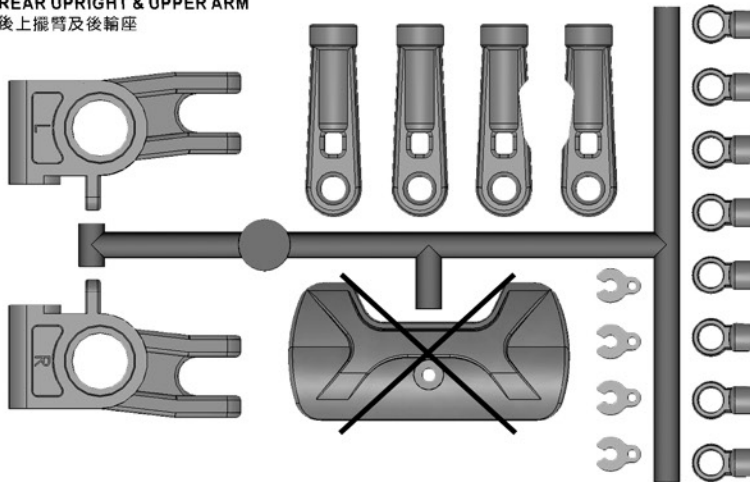
XT-29
CHASSIS BRACE
中央前後補強桿



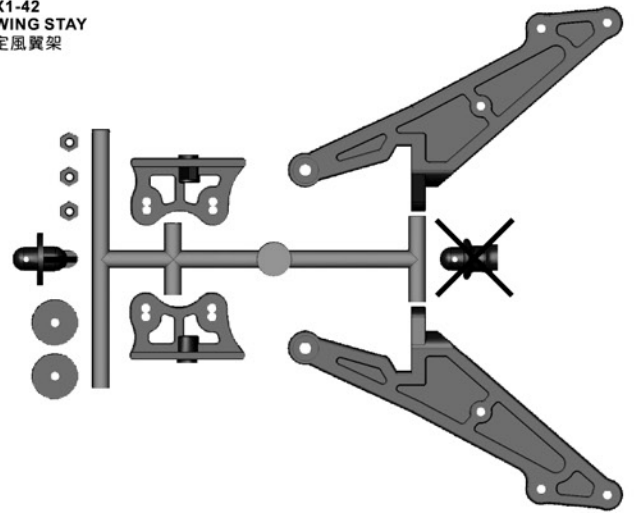
X1S-55A
SERVO SAVER
緩衝組



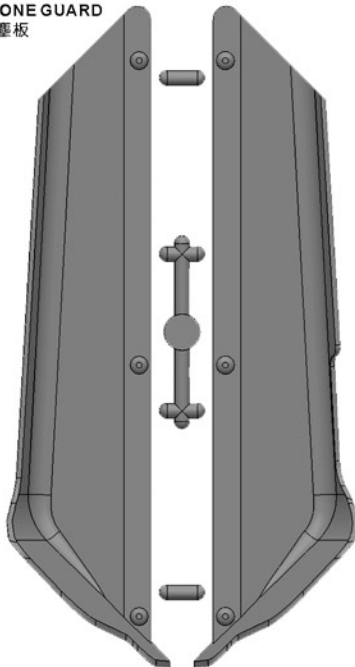
X1-40
REAR UPRIGHT & UPPER ARM
後上擺臂及後輪座



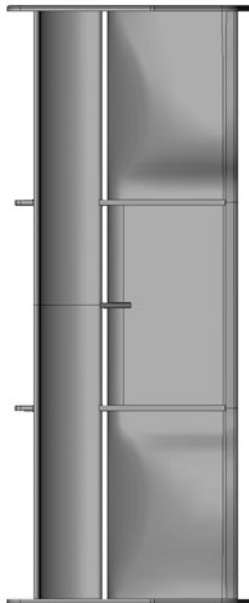
X1-42
WING STAY
定風翼架



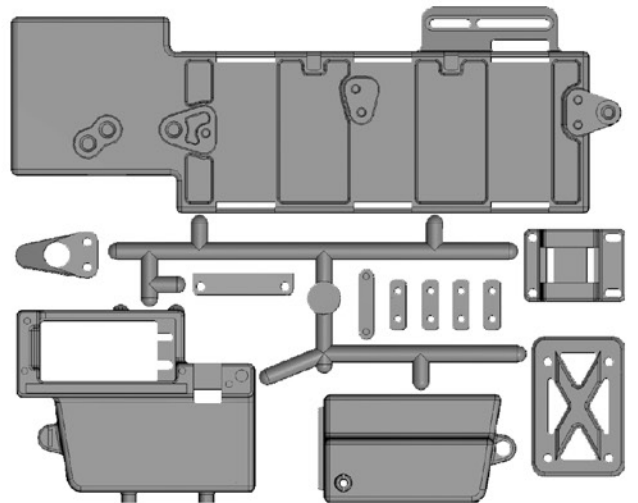
XT-28
STONE GUARD
防塵板



#380
WING
定風翼



#395
BATTERY CASE
電池盒塑膠品



SYMBOLS USED THROUGHOUT THE INSTRUCTION MANUAL
說明書附註使用標示



Parts Bag Used
使用零件包裝袋



Degrease With
Motor Spray
使用清潔噴劑



Do Not
Over Tighten
請勿鎖緊物件



Tighten
鎖緊物件



Ensure
Free
Movement
確定可自由活動



Contact Adhesive
使用強力接著劑



Apply Screw
Cement
使用螺絲膠



Apply Oil
塗上潤滑油



Apply Lubricant
塗上潤滑黃油



True-To-Scale
1:1原寸圖



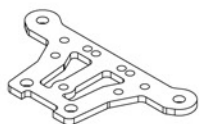
Clockwise
Rotation
順時針方向旋轉



Anti-clockwise
Rotation
反時針方向旋轉

X1S-05
Carbon Front Plate

OPT



1pcs

X1S-07
CNC Front Knuckle Arm,
L & R

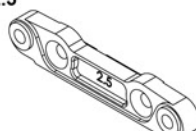
OPT



1set

X1S-12
CNC Suspension Bracket,
RR, -2.5°

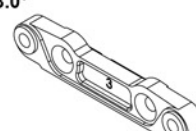
OPT



1pcs

X1S-13
CNC Suspension Bracket,
RR, -3.0°

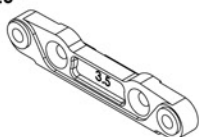
OPT



1pcs

X1S-14
CNC Suspension Bracket,
RR, -3.5°

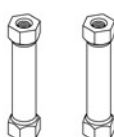
OPT



1pcs

X1S-17
Alum. Radio Tray Post

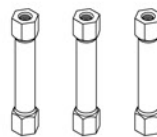
OPT



2pcs

X1S-18
Alum. Wing Mount Post

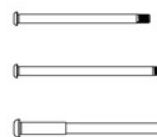
OPT



3pcs

X1S-19
Arm Shaft Set

OPT



4pcs

2pcs

4pcs

X1S-19A
Arm Shaft 3mm (Short)

OPT



4pcs

X1S-19B
Arm Shaft 3mm (Long)

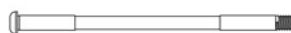
OPT



4pcs

X1S-19C
Arm Shaft 4mm

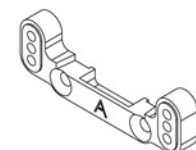
OPT



4pcs

X1S-23
CNC Upper Arm Mount (A)

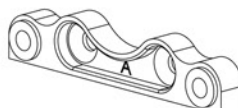
OPT



1pcs

X1S-24
CNC Suspension Bracket,
FR (A)

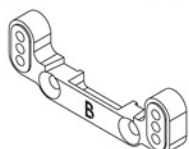
OPT



1pcs

X1S-25
CNC Upper Arm Mount (B)

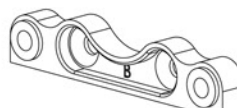
OPT



1pcs

X1S-26
CNC Suspension Bracket,
FR (B)

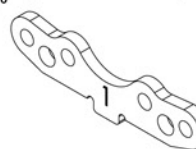
OPT



1pcs

X1S-28
CNC Suspension Bracket,
RF, -1°

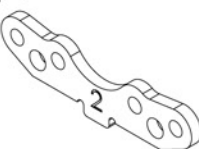
OPT



1pcs

X1S-29
CNC Suspension Bracket,
RF, -2°

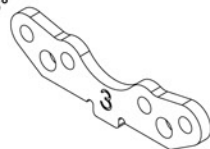
OPT



1pcs

X1S-30
CNC Suspension Bracket,
RF, -3°

OPT



1pcs

X1S-39
Diff. Cap Joint (Lightweight)

OPT



2pcs

X1S-45
Brake. Cap Joint (Lightweight)

OPT



2pcs

X1S-49
CNC Servo Saver
Connecting Plate

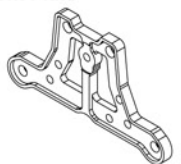
OPT



1set

X1S-50
CNC Front Plate

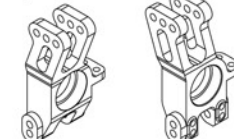
OPT



1pcs

X1S-51
CNC Rear Knuckle Arm
(L & R)

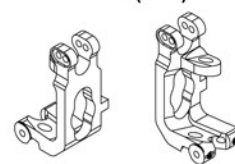
OPT



1set

X1S-53
CNC Front C Hub (L&R)

OPT



1set

X1S-59
Steel Spur Gear 48T
(Lightweight)

OPT



1set

XTS-02
CNC Front Shock Tower 4mm

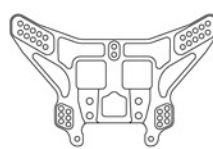
OPT



1pcs

XTS-03
CNC Rear Shock Tower 4mm

OPT



1pcs

XTS-14
CNC Chassis Brace (F & R)

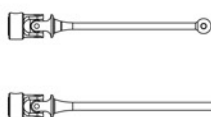
OPT



1set

XTS-15
Center CVD Shaft Set (F & R)

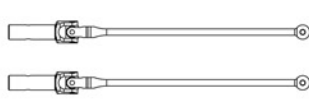
OPT



1set

XTS-18
CVD Shaft Set (F & R)
(Lightweight)

OPT



2pcs

XTS-19
Center CVD Shaft Set
(F & R) (Lightweight)

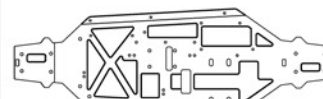
OPT



1set

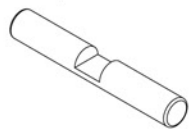
XTS-21
7075-T6 Chassis
(Lightweight)

OPT



1pcs

#363
Alum. Diff Cross Pin
(Hard-Coated)



OPT

6pcs

#390B
16mm Shock Spring, Soft
(F & R)



OPT

1set

#391
Alum. Shock Ball End Post



OPT

4pcs

#394
17mm Wheel Locking Nut



OPT

4pcs

#398
Ball & Socket Set



OPT

8pcs

2pcs

6pcs

4pcs

4pcs

#398A
6mm Ball



OPT

4pcs

#398B
6mm Ball & Socket



OPT

4pcs

#398C
7mm Ball & Socket



OPT

4pcs

#398D
7mm Ball



OPT

4pcs

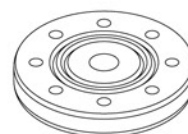
#398E
Stabilizer Ball End



OPT

4pcs

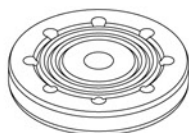
#423A
Piston $\phi 1.2\text{mm} \times 8$ Hole



OPT

4pcs

#423B
Piston $\phi 1.3\text{mm} \times 8$ Hole



OPT

4pcs

#424
16mm Rod Guide Set



OPT

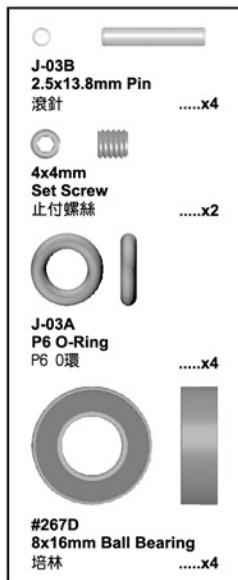
4pcs

4pcs

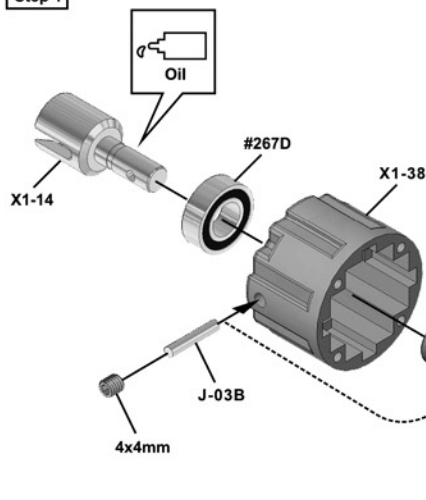
1 ASSEMBLY OF THE FRONT AND REAR DIFF.

前後差速齒輪組合

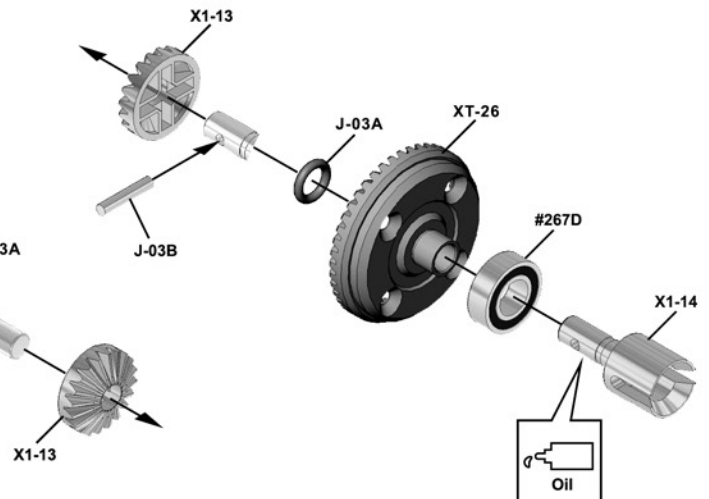
Build two differentials for front and rear
請組合兩個差速器為前後使用



Step 1



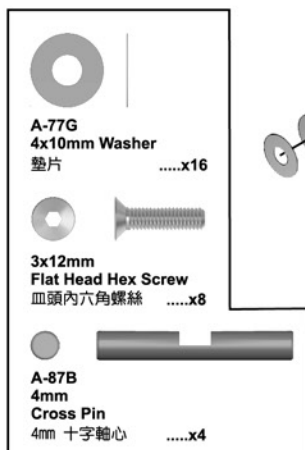
Step 2



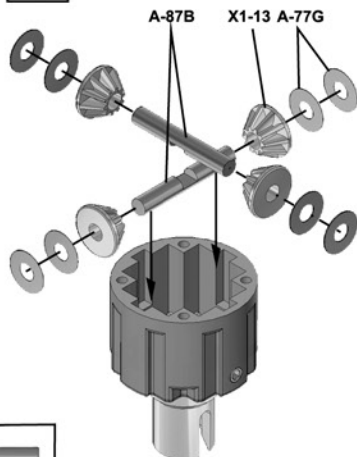
2 ASSEMBLY OF THE FRONT AND REAR DIFF.

前後差速齒輪組合

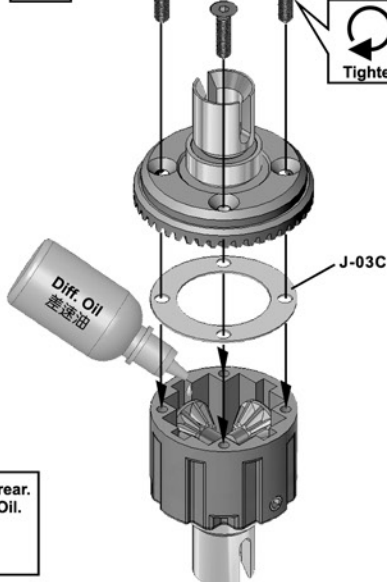
Build two differentials for front and rear
請組合兩個差速器為前後使用



Step 1

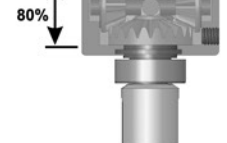


Step 2

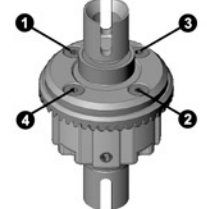


*Tighten the screws
equally.
*請平均施力鎖上螺絲。

*Fill the diff oil just level with the top
of the satellite gears.
*差速油加入至差速齒輪頂平面則可。



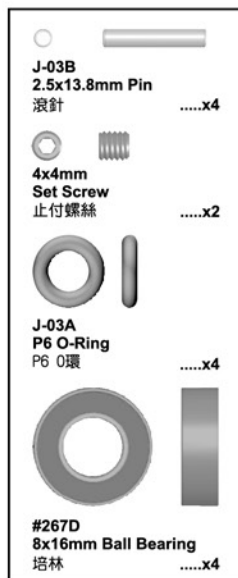
*Tighten the diff screws in this order.
*請依圖示順序上緊螺絲。



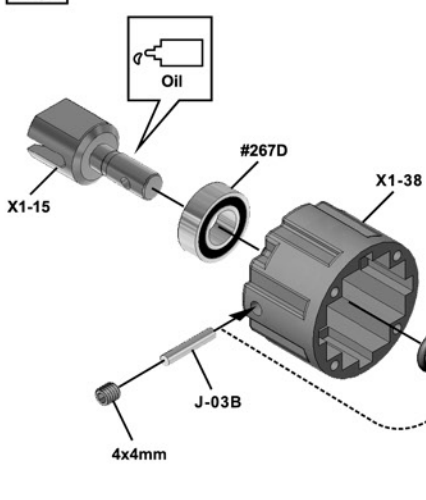
*Use the Diff. Oil #7000 for front and #3000 for rear.
 *Fill the Diff. case to approx. 80% with the Diff. Oil.
 *前差速器請使用 #7000差速油。
 *後差速器請使用 #3000差速油。
 *差速油注滿80%即可。

3 ASSEMBLY OF THE CENTER DIFF.

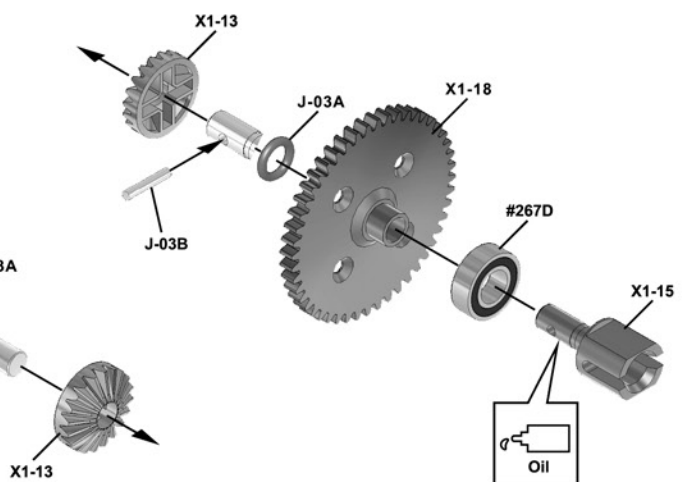
中央差速齒輪組合



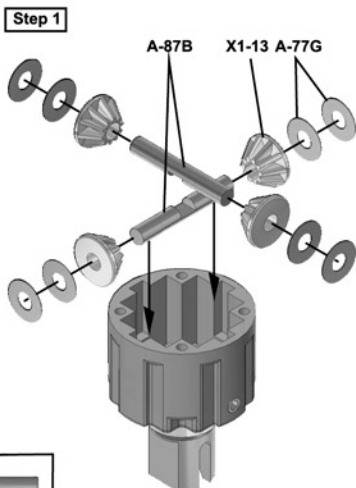
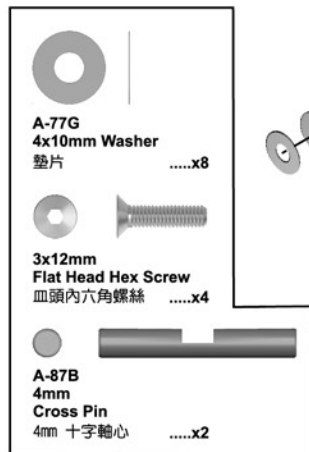
Step 1



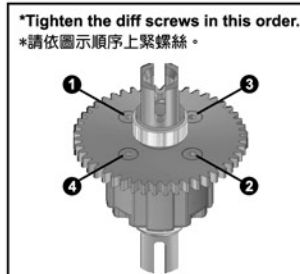
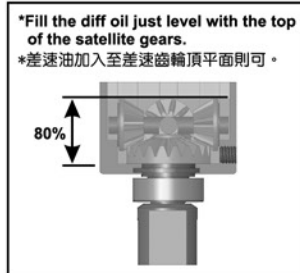
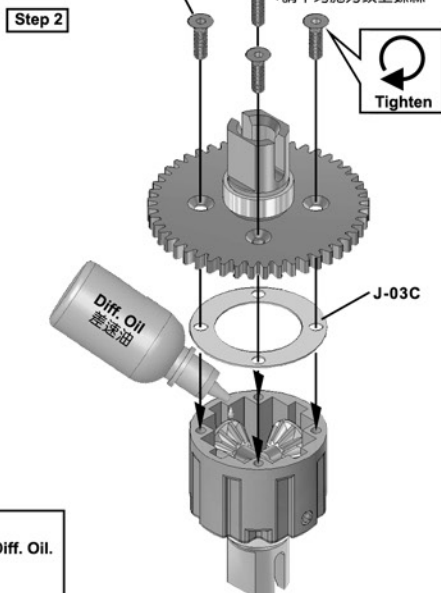
Step 2



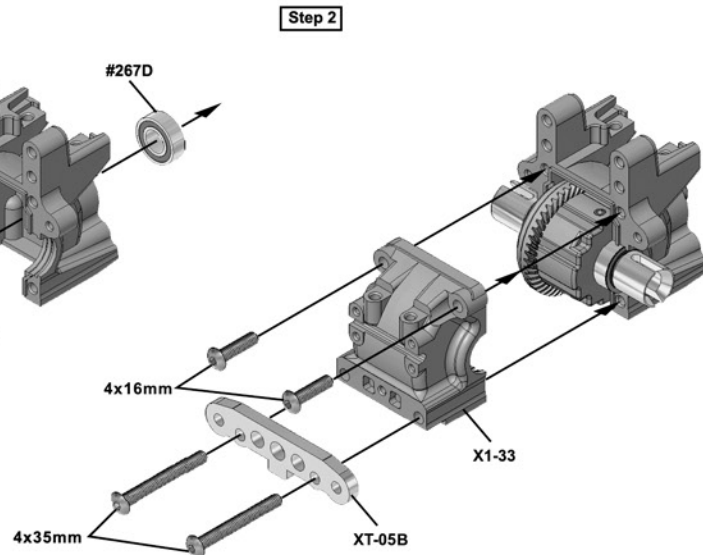
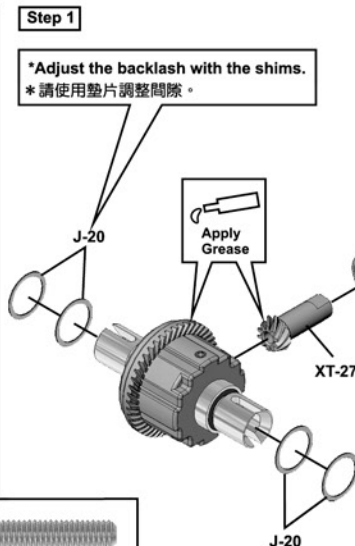
4 ASSEMBLY OF THE CENTER DIFF. 中央差速齒輪組合



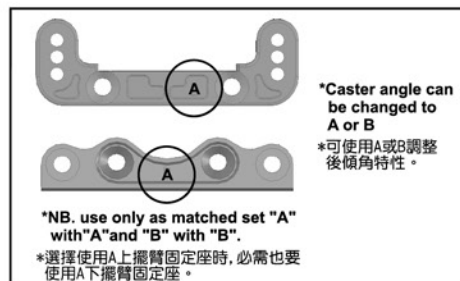
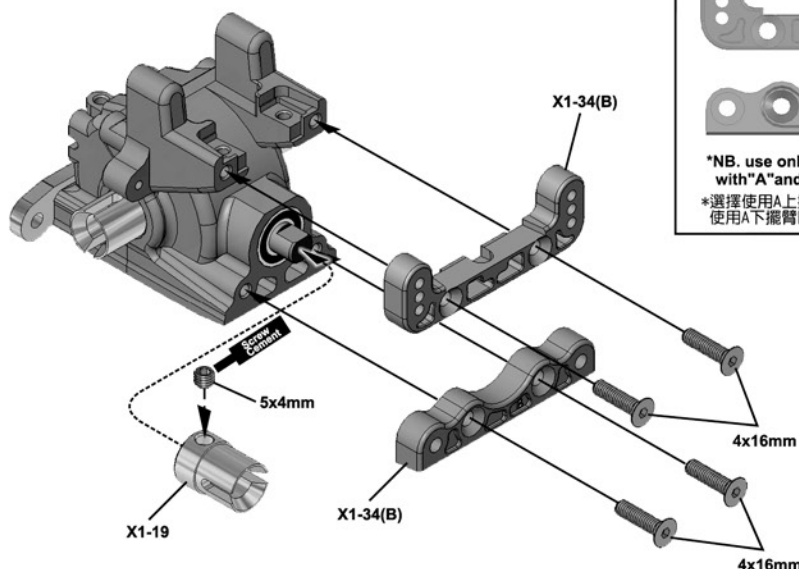
*Use the Diff. Oil #10000 for the center diff.
*Fill the Diff. case to approx. 80% with the Diff. Oil.
*中差速器請使用#10000差速油。
*差速油注滿80%即可。



5 ASSEMBLY OF THE FRONT GEAR CASE 前齒輪箱組合

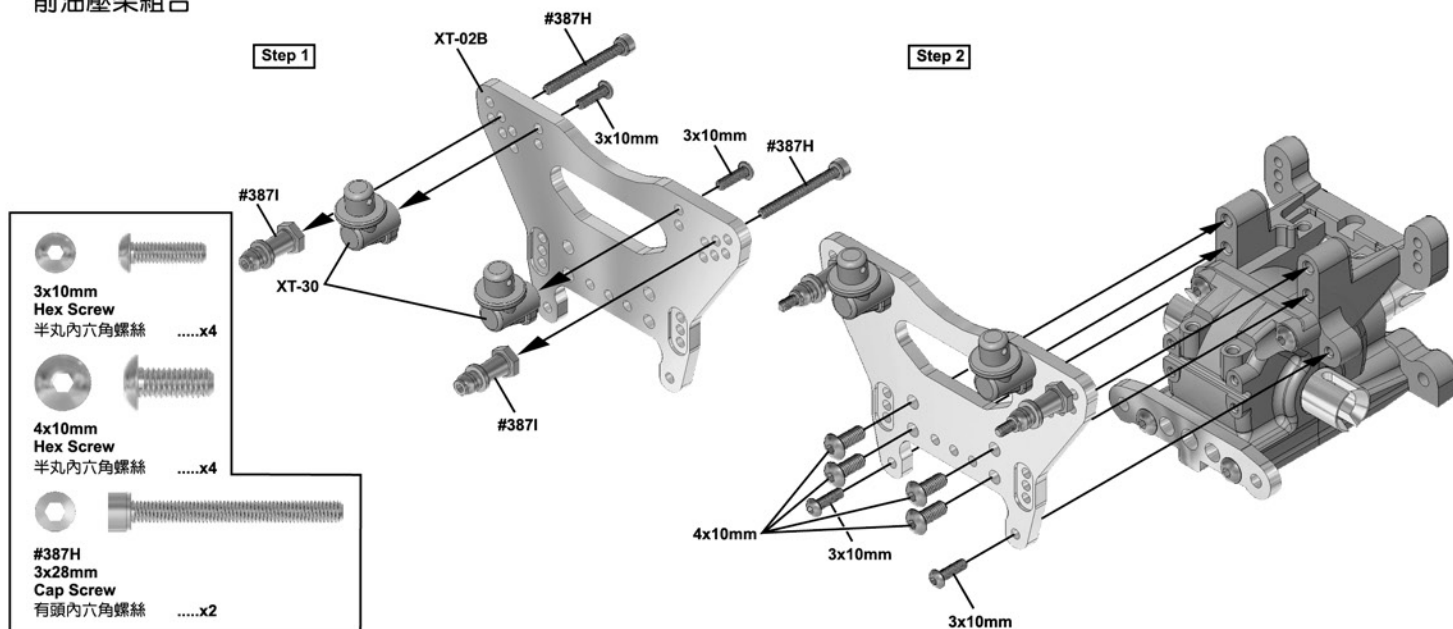


6 ASSEMBLY OF THE FRONT ARMS HOLDER 前擺臂固定座組合

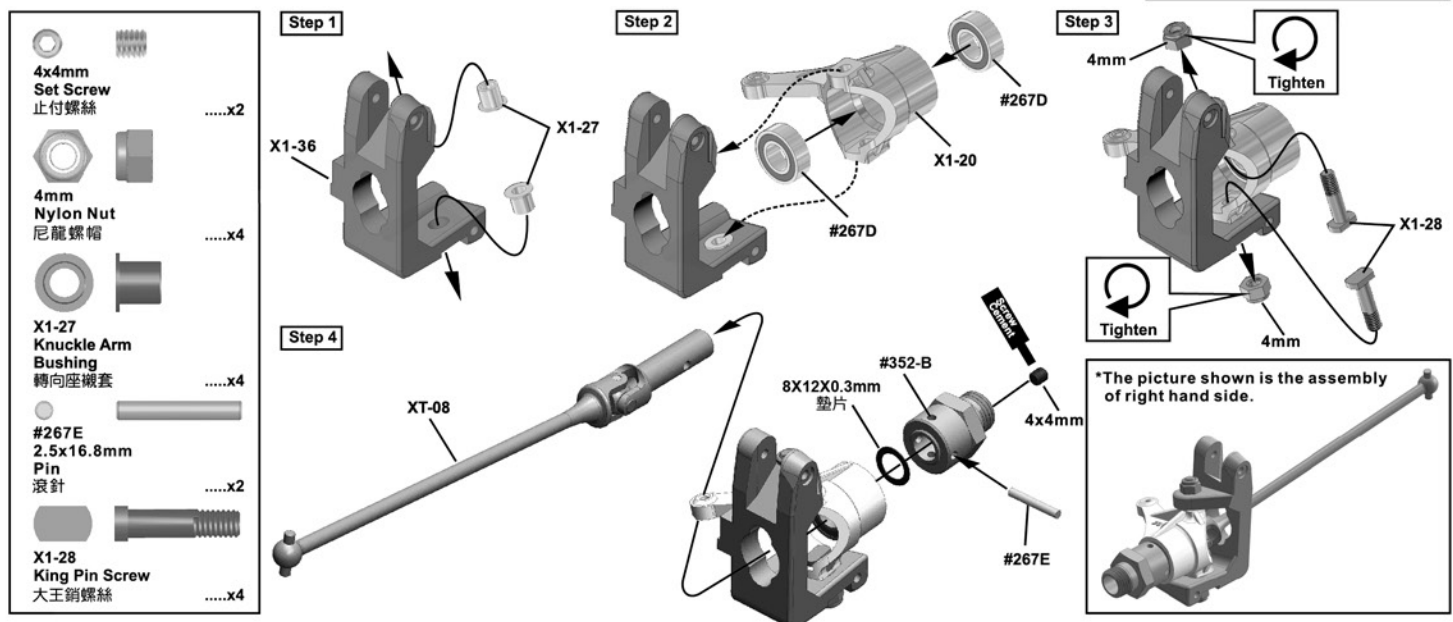


	Steering Characteristics 轉向特性
A Caster (High/22 Degree) 後傾角 (大/22度)	Steering response becomes milder. 轉向反應較為中性
B Caster (Low/20 Degree) 後傾角 (小/20度)	Steering response becomes quicker. 轉向反應較為快速

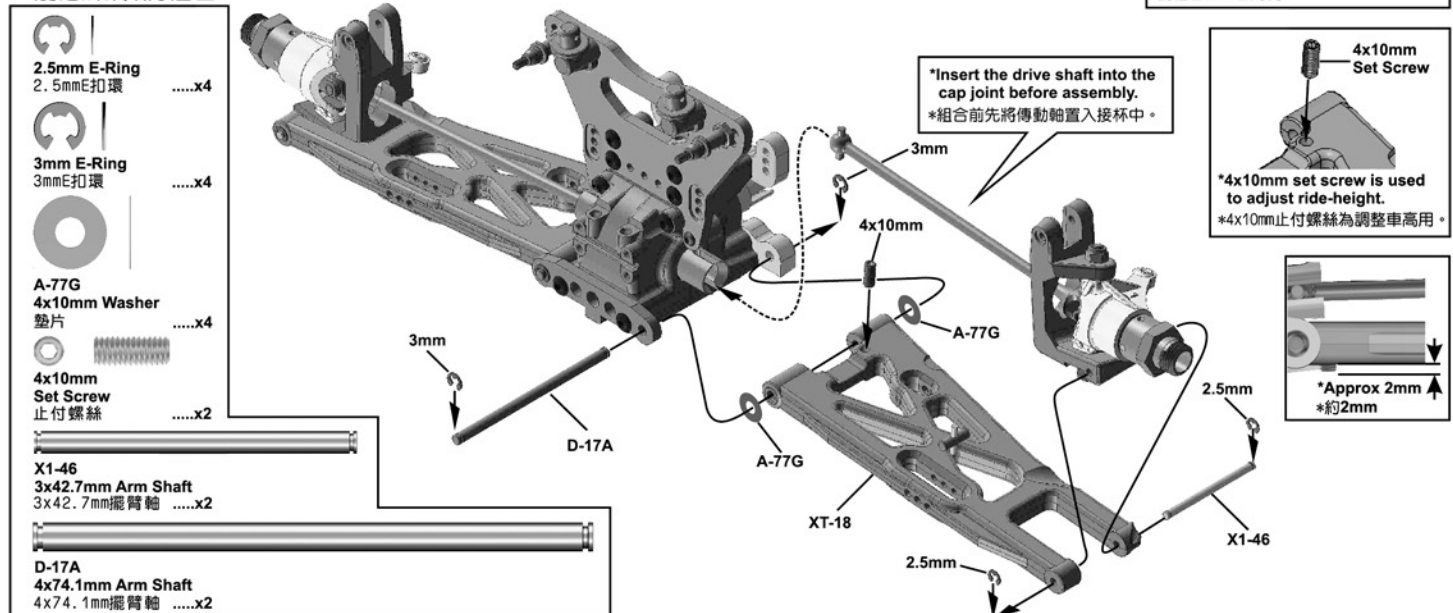
7 ASSEMBLY OF THE FRONT SHOCK STAY 前油壓架組合



8 ASSEMBLY OF THE KNUCKLE ARMS 轉向座組合



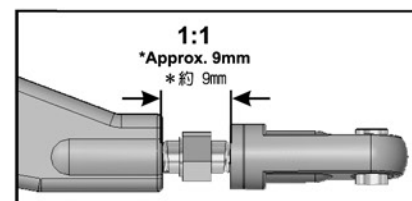
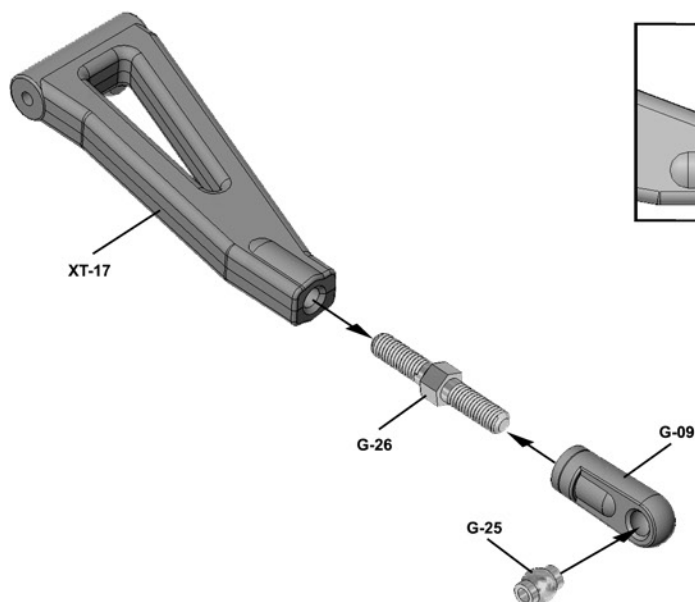
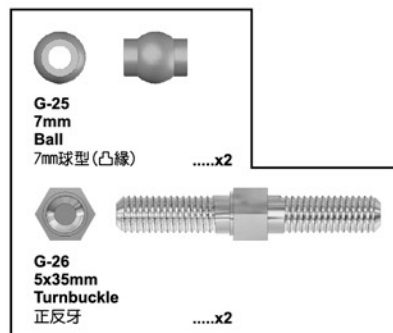
9 ASSEMBLY OF THE FRONT SUSPENSION ARMS 前懸吊系統組合



10 ASSEMBLY OF THE FRONT UPPER ARMS

前上擺臂組合

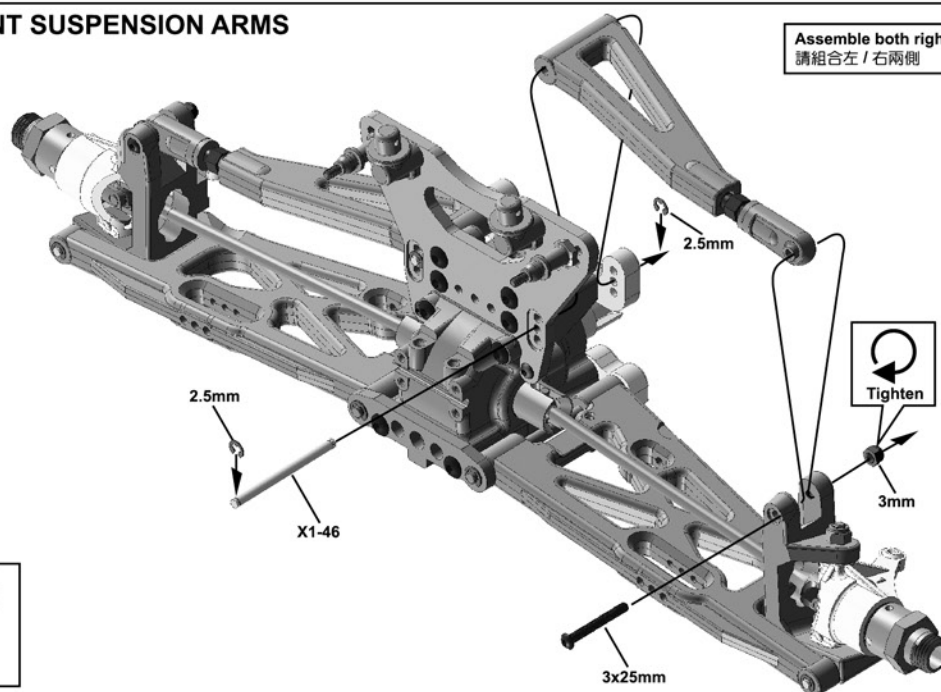
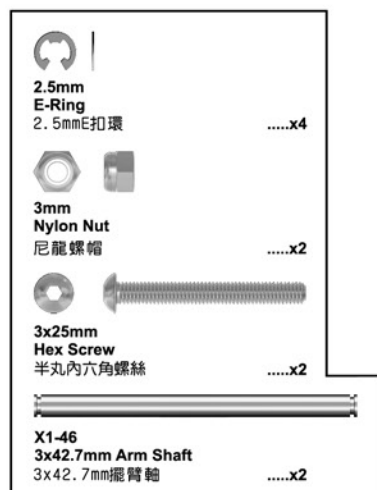
Assemble both right and left sides
請組合左 / 右兩側



11 ASSEMBLY OF THE FRONT SUSPENSION ARMS

前懸吊系統組合

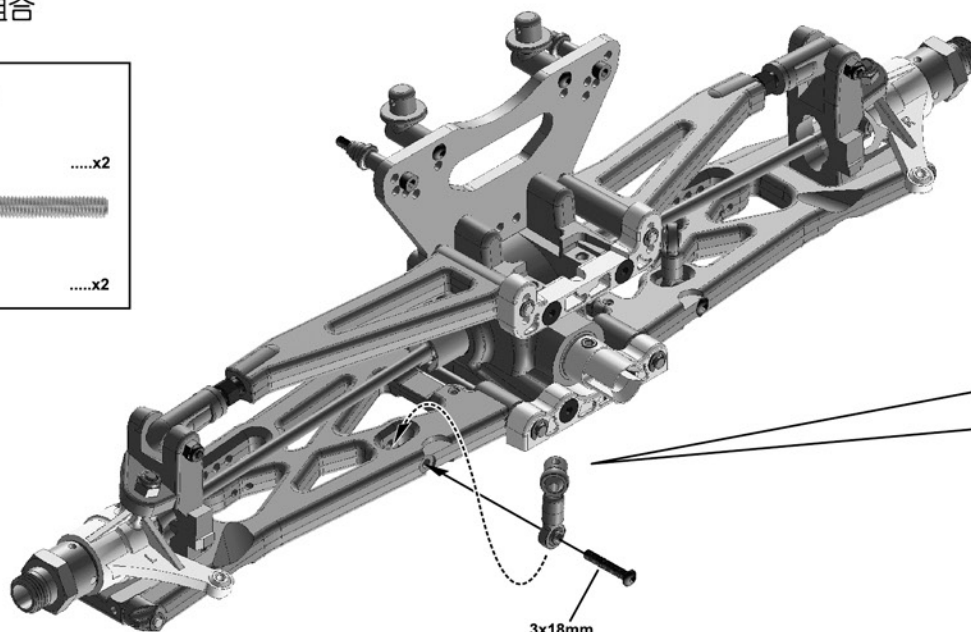
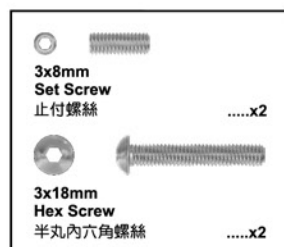
Assemble both right and left sides
請組合左 / 右兩側



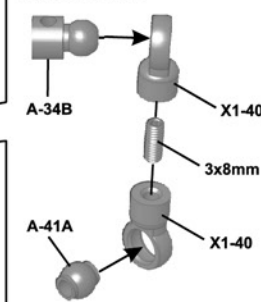
12 ASSEMBLY OF THE FRONT STABILIZER RODS

前平衡桿組合

Assemble for both right and left side
請組合左 / 右兩側

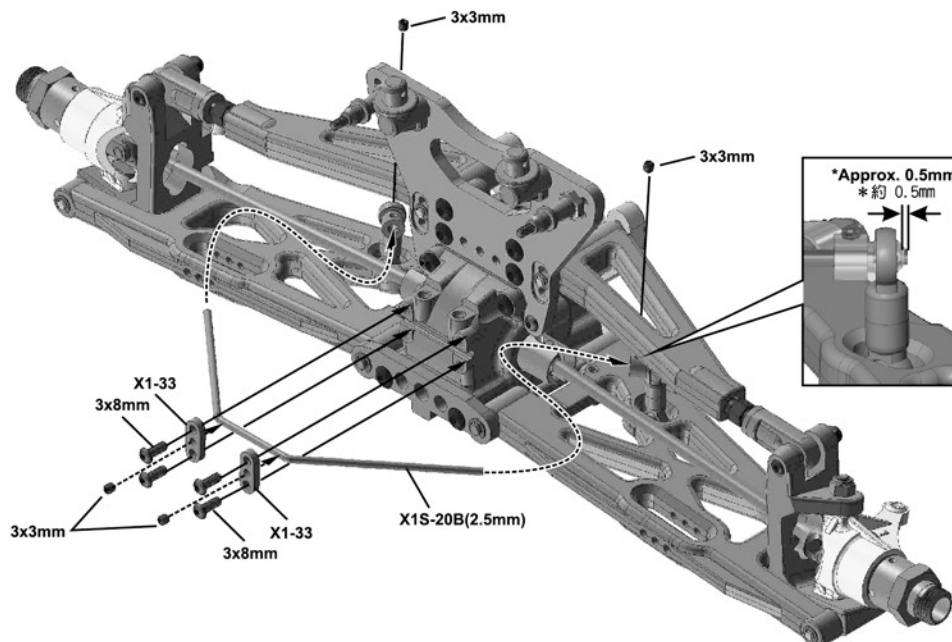


*Make two sets of rods for left and right-hand sides.
*請裝備2支拉桿。



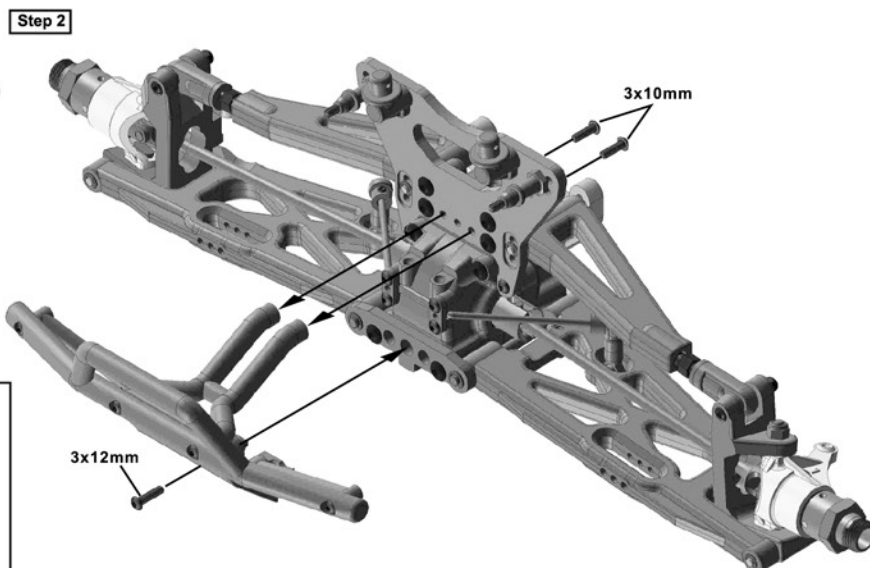
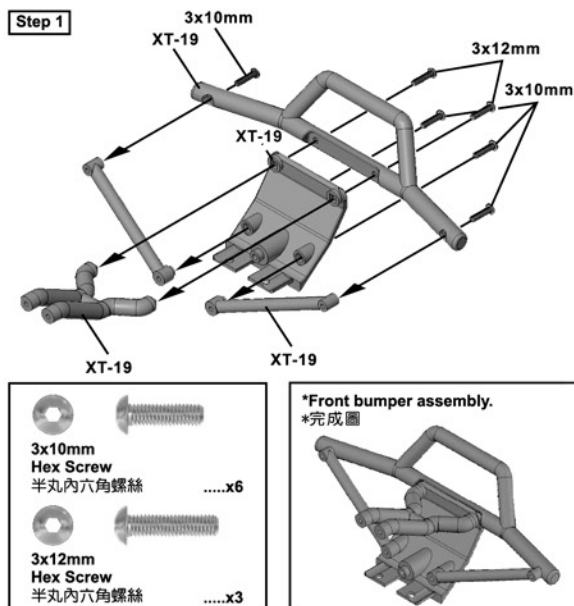
13 ASSEMBLY OF THE FRONT STABILIZER

前平衡桿組合



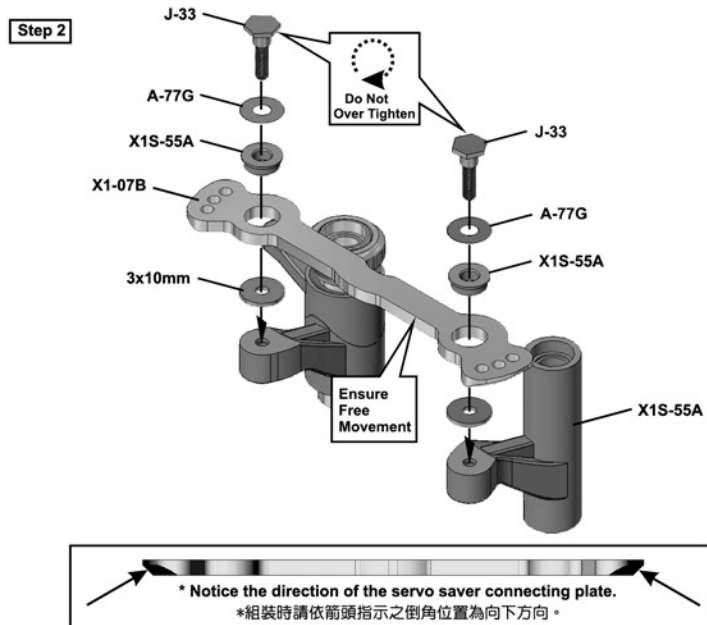
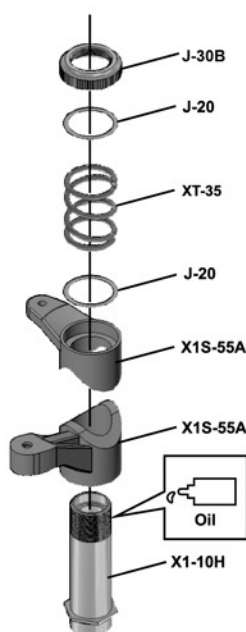
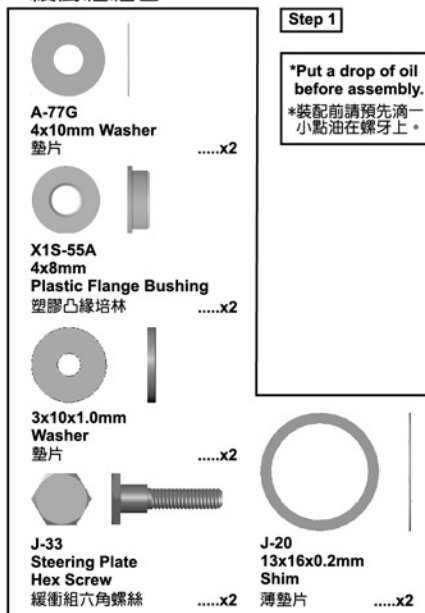
14 ASSEMBLY OF THE FRONT BUMPER

前防撞板組合



15 ASSEMBLY OF THE SERVO SAVER

緩衝組組合

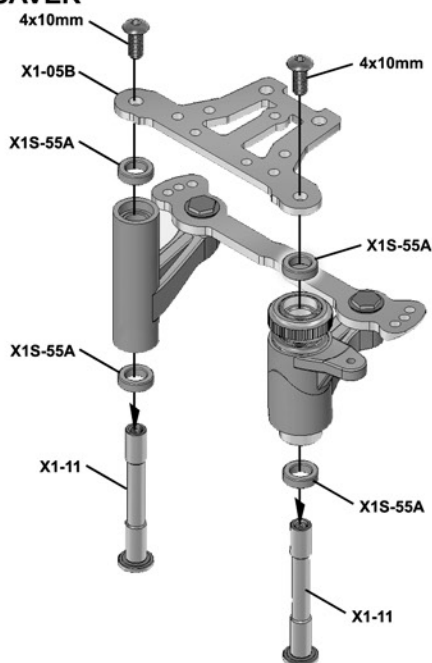


16 ASSEMBLY OF THE SERVO SAVER

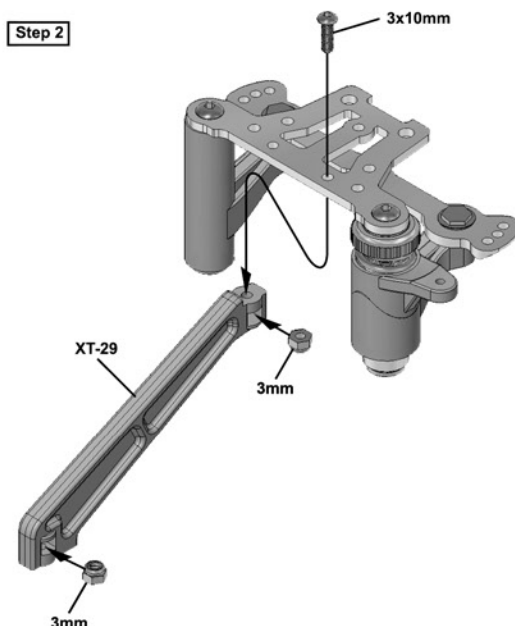
緩衝組組合



Step 1



Step 2



17 ASSEMBLY OF THE STEERING TIE-ROD

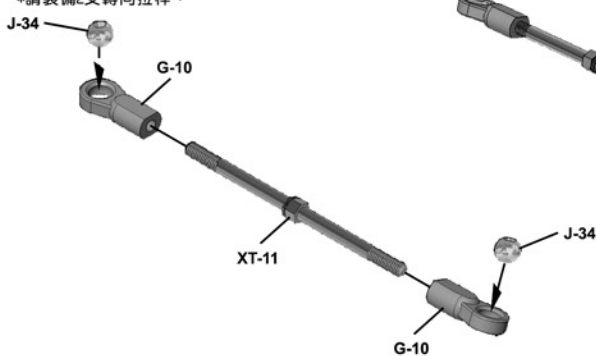
轉向拉桿組合

Assemble both right and left sides
請組合左 / 右兩側

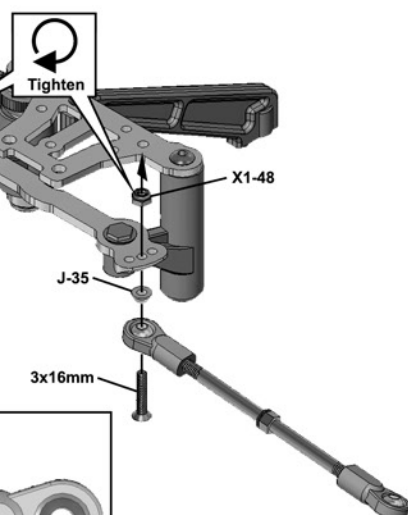
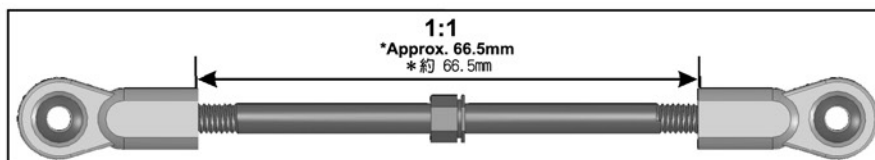


Step 1

*Make two steering rods for left and right hand-sides.
*請裝備2支轉向拉桿。

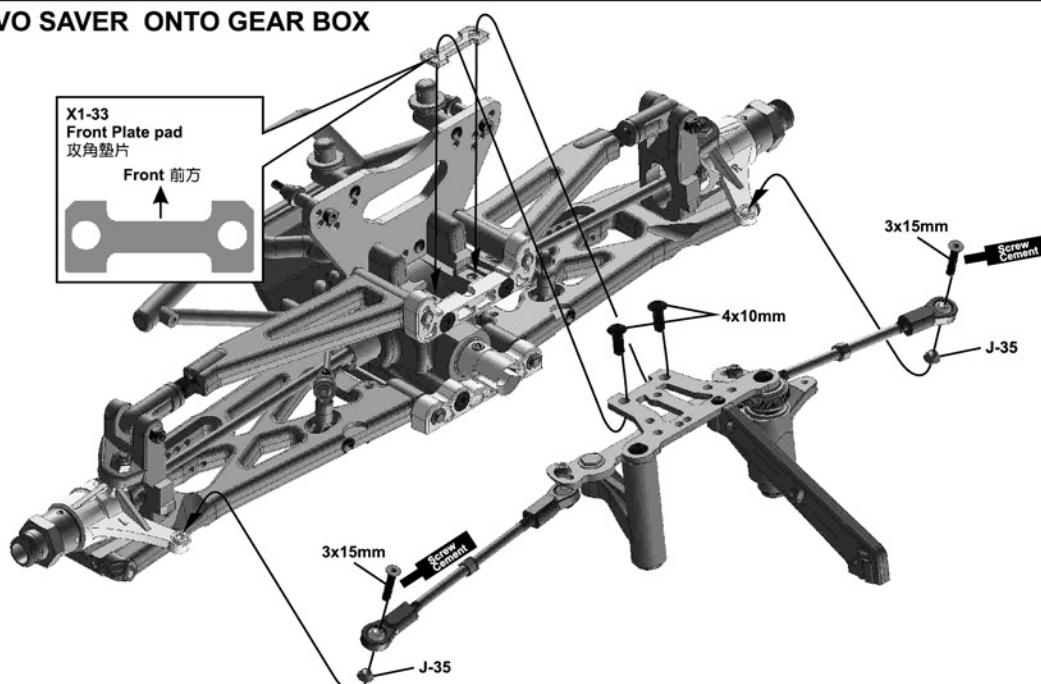
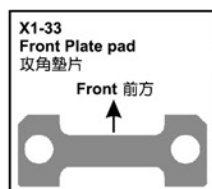
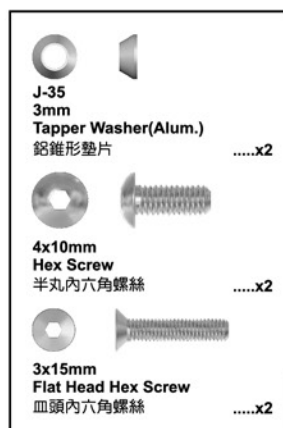


Step2



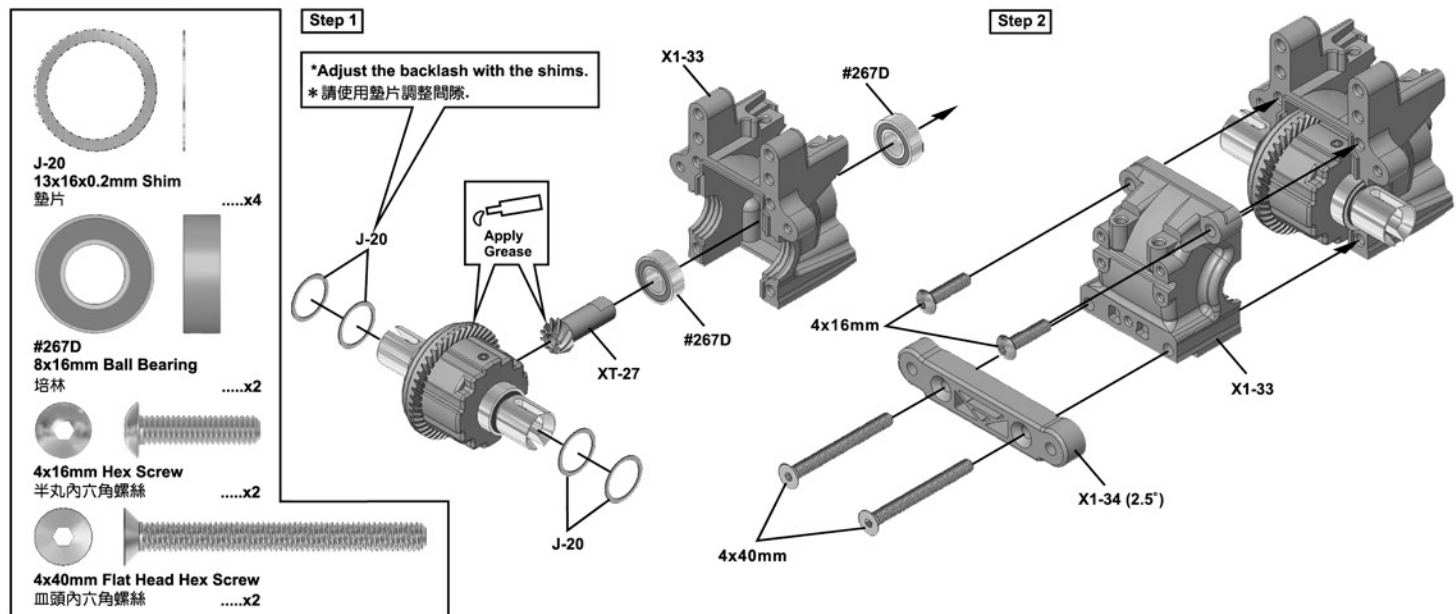
18 ASSEMBLY OF THE SERVO SAVER ONTO GEAR BOX

組合緩衝組至齒輪箱



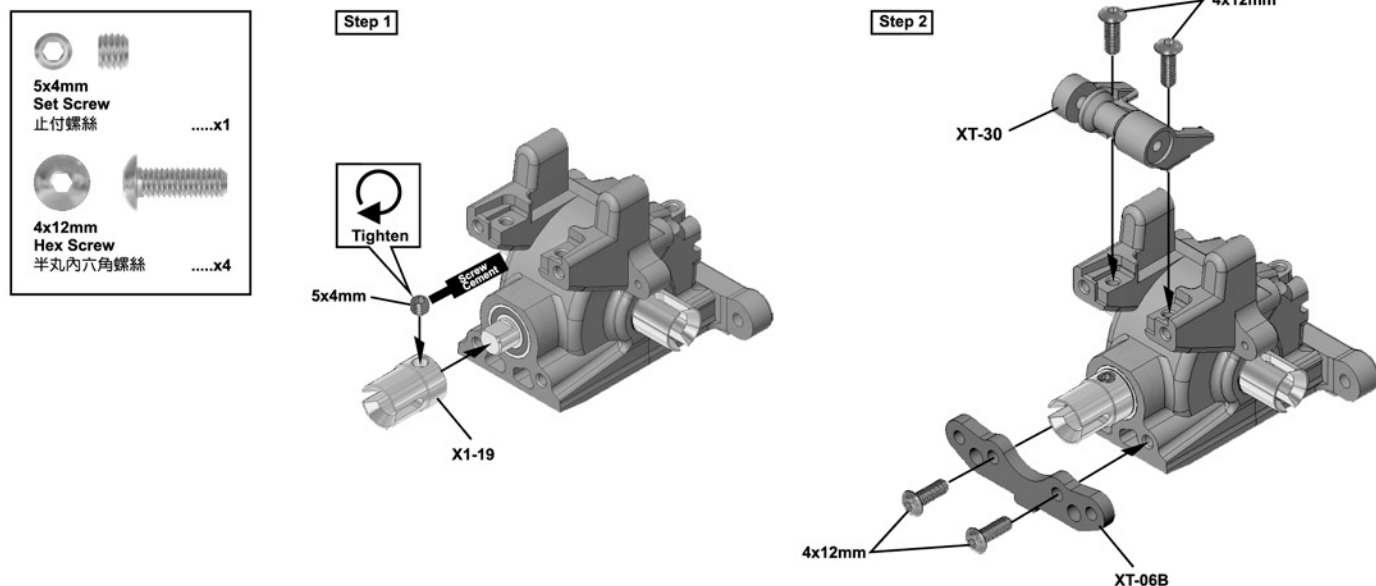
19 ASSEMBLY OF THE REAR GEAR CASE

後齒輪箱組合



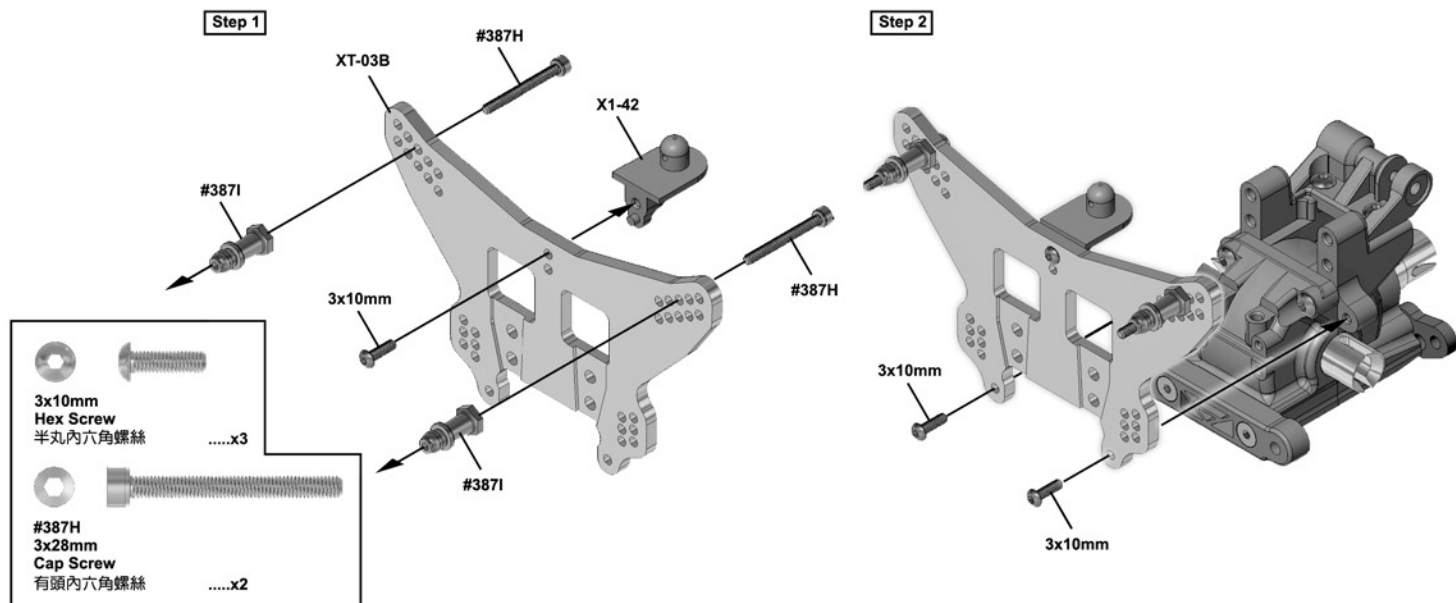
20 ASSEMBLY OF THE REAR GEAR CASE

後齒輪箱組合



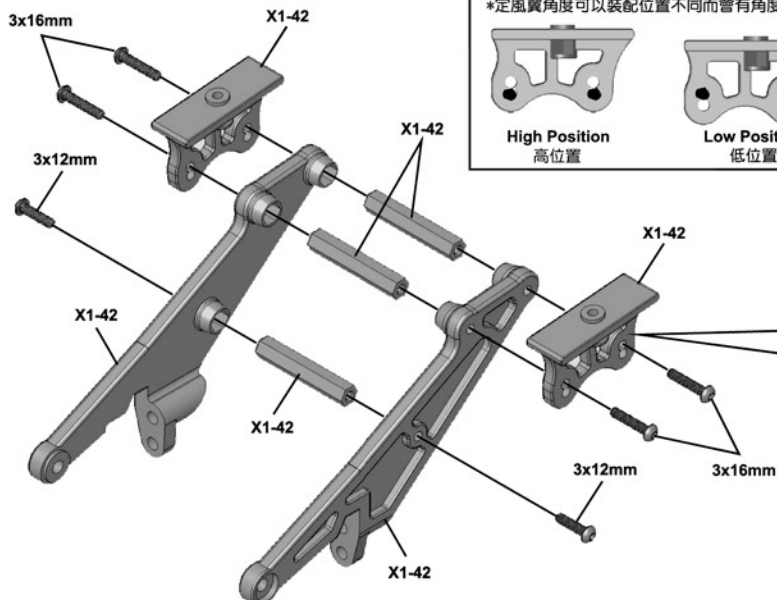
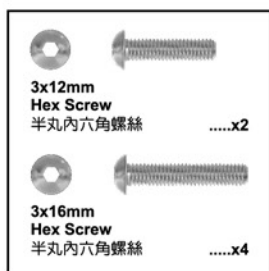
21 ASSEMBLY OF THE REAR SHOCK STAY

後油壓架組合



22 ASSEMBLY OF THE WING STAY

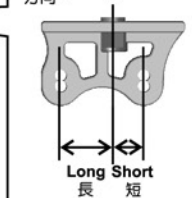
定風翼架組合



*The install angel of the wing mount can becomes bigger or higher.
*定風翼角度可以裝配位置不同而會有角度及高低變化。

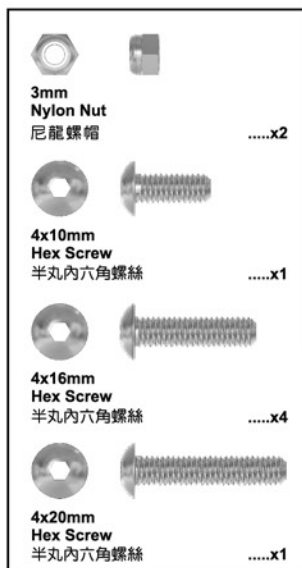


*Makes two wing mounts in the same position.
*裝配兩邊定風翼固定為同方向。

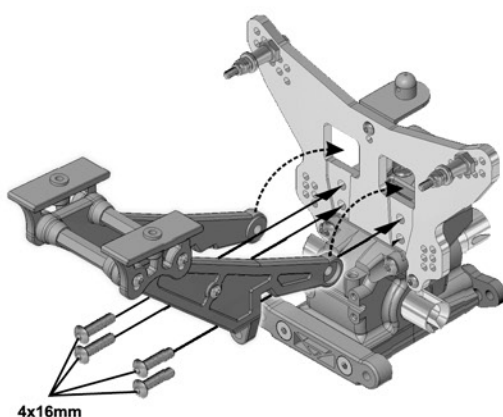


23 ASSEMBLY OF THE WING STAY

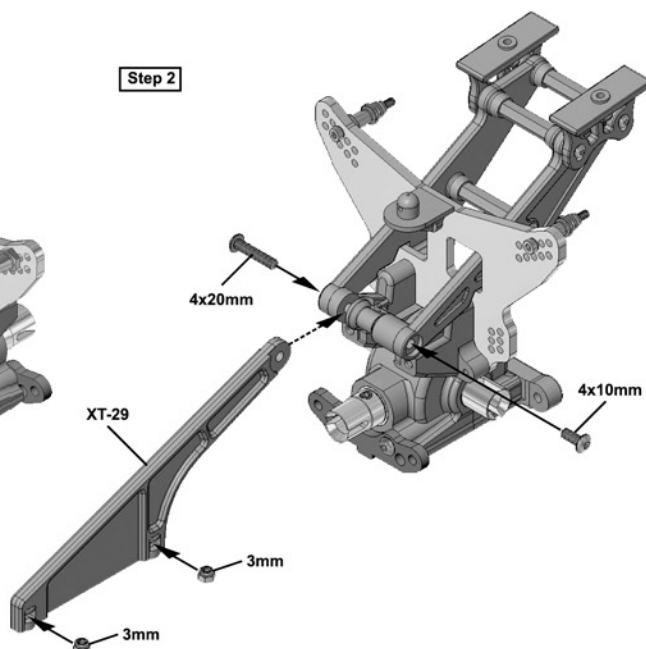
定風翼架組合



Step 1

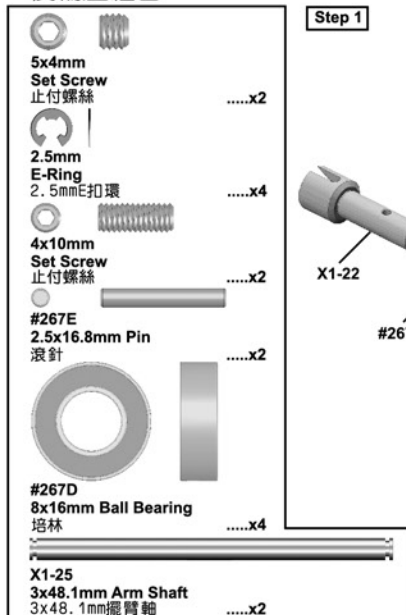


Step 2

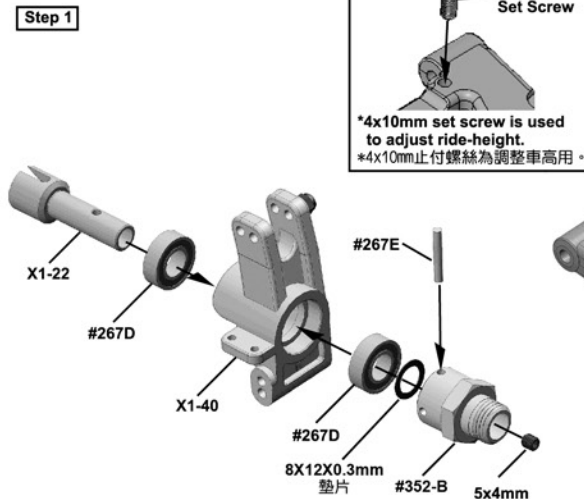


24 ASSEMBLY OF THE REAR WHEEL HUBS

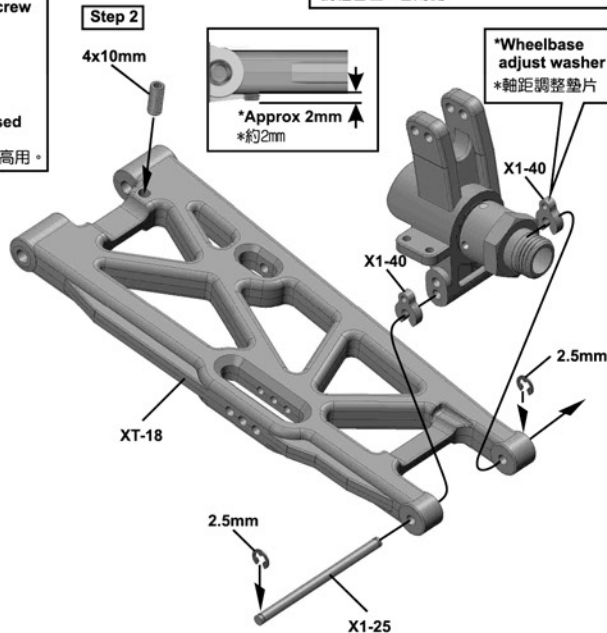
後輪座組合



Step 1



Step 2

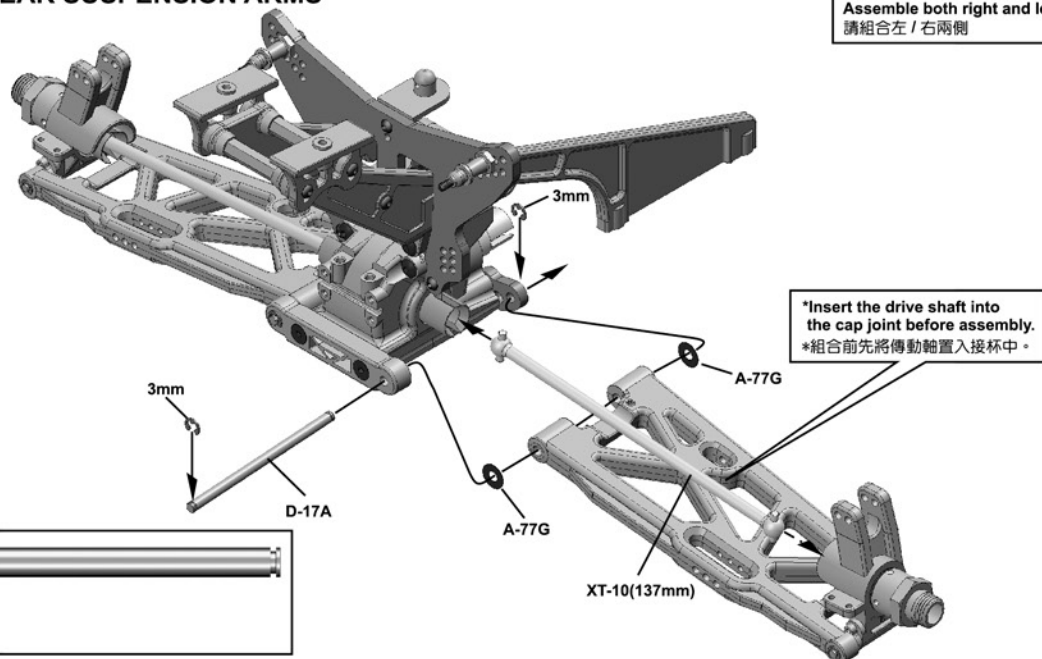


Assemble both right and left sides
請組合左 / 右兩側

25 ASSEMBLY OF THE REAR SUSPENSION ARMS

後懸吊系統組合

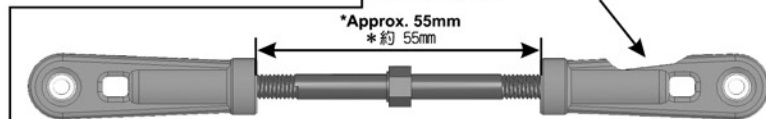
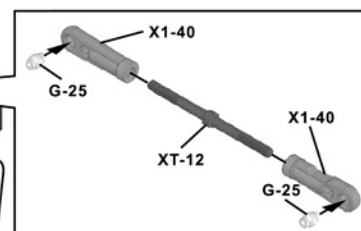
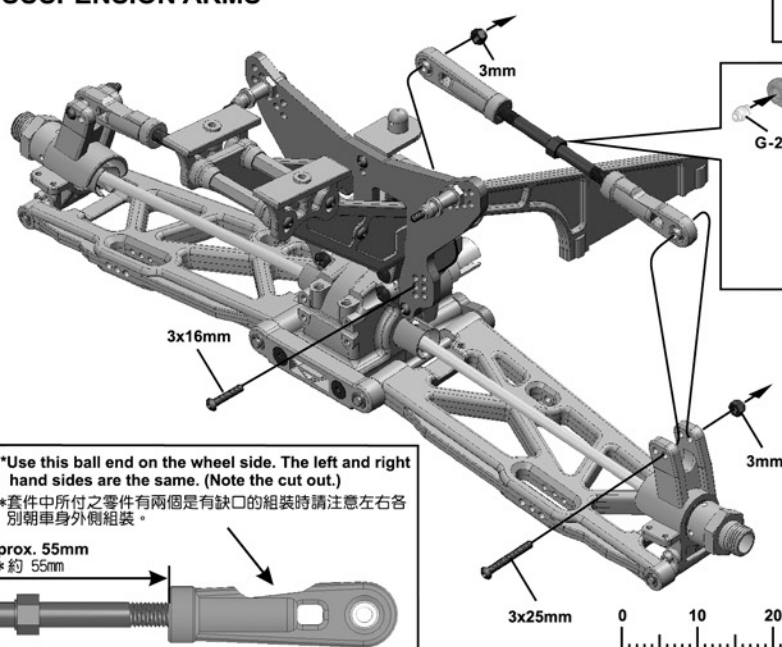
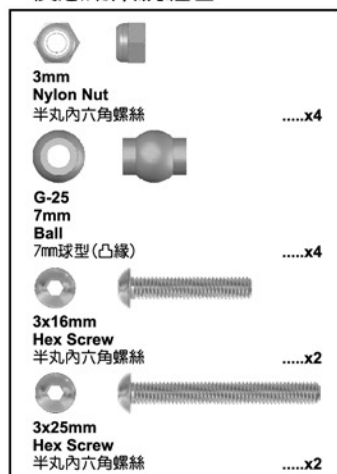
Assemble both right and left sides
請組合左 / 右兩側



26 ASSEMBLY OF THE REAR SUSPENSION ARMS

後懸吊系統組合

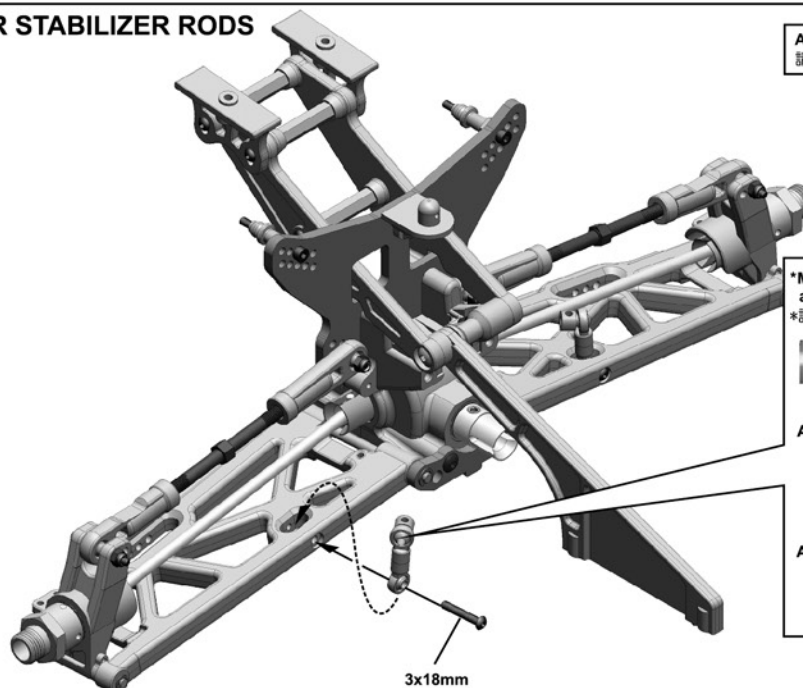
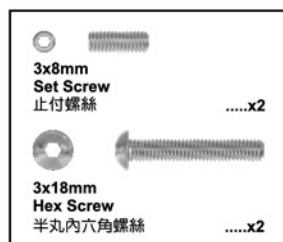
Assemble both right and left sides
請組合左 / 右兩側



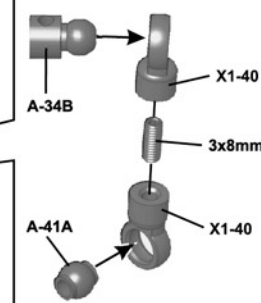
27 ASSEMBLY OF THE REAR STABILIZER RODS

後平衡桿拉桿組合

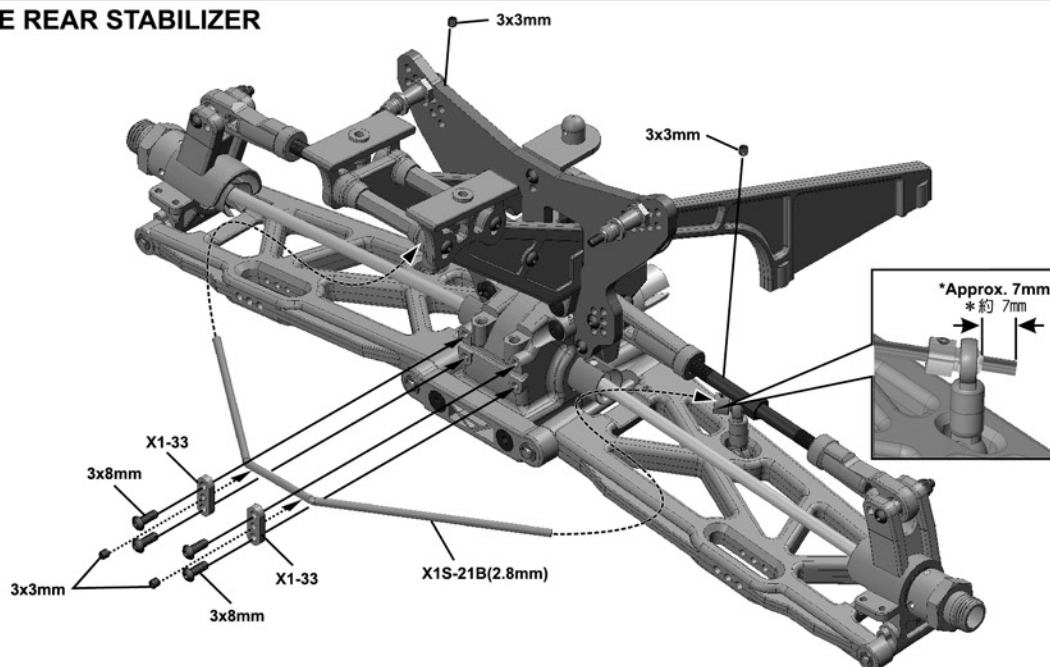
Assemble both right and left sides
請組合左 / 右兩側



*Make two sets of rods for left and right-hand sides.
*請裝備2支拉桿。

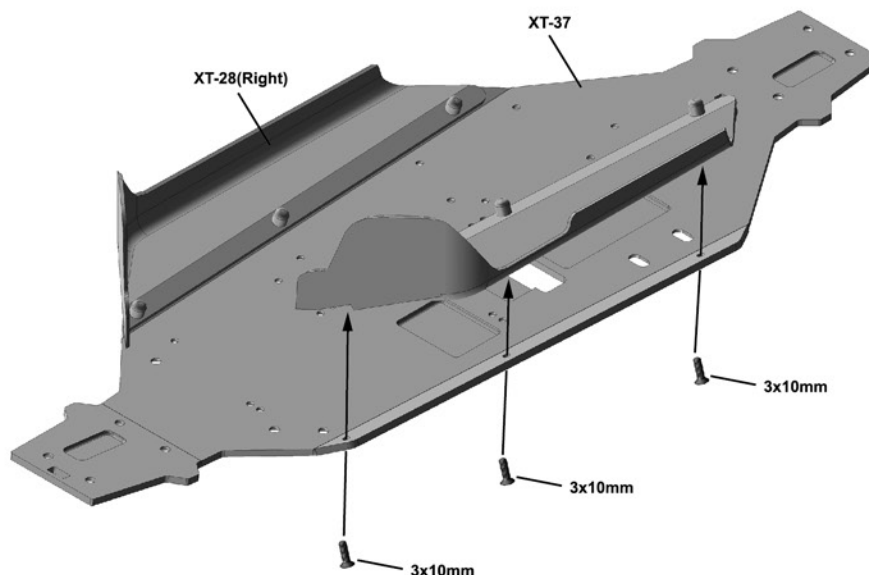


28 ASSEMBLY OF THE REAR STABILIZER 後平衡桿組合

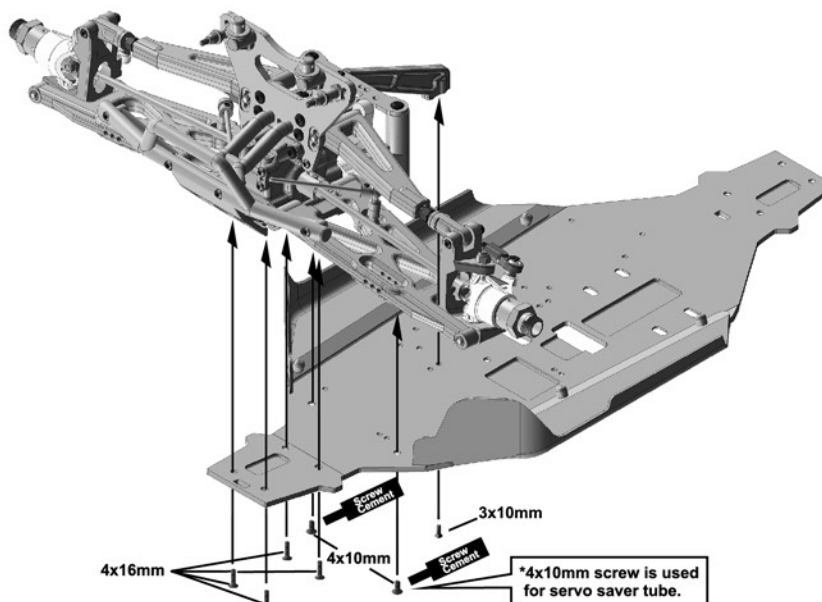


29 ASSEMBLY OF THE STONE GUARD 防塵板組合

Assemble both right and left sides
請組合左 / 右兩側

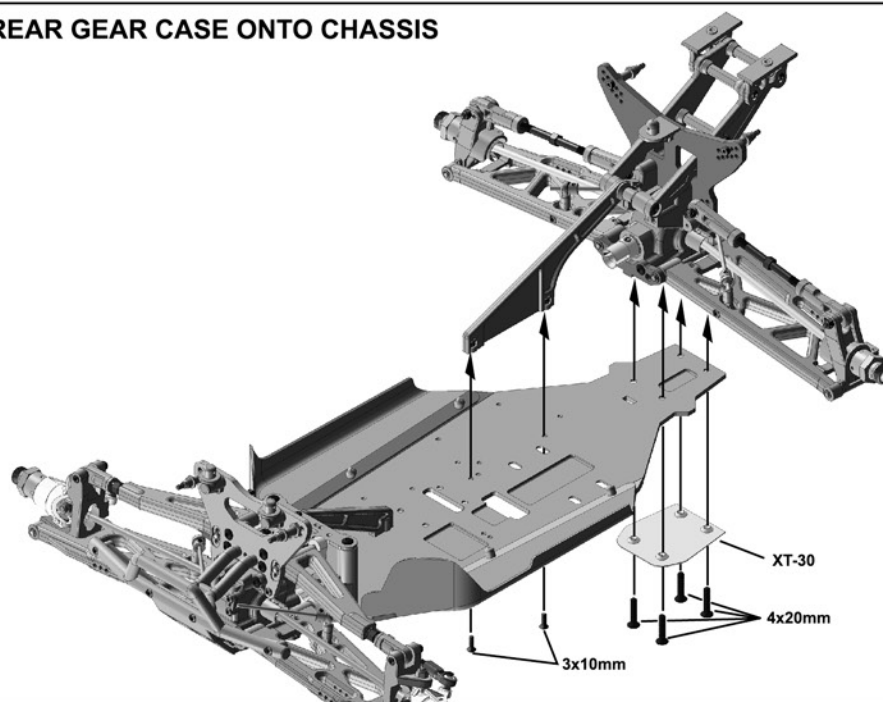


30 ASSEMBLY OF THE FRONT GEAR CASE ONTO CHASSIS 組合前齒輪箱至底盤



31 ASSEMBLY OF THE REAR GEAR CASE ONTO CHASSIS

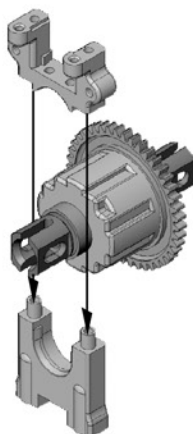
組合後齒輪箱至底盤



32 ASSEMBLY OF THE CENTER DIFF. AND MOTOR MOUNT

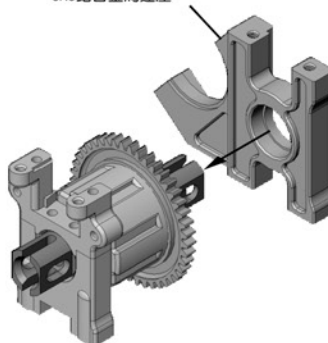
組合中央差速器與CNC馬達座

Step 1

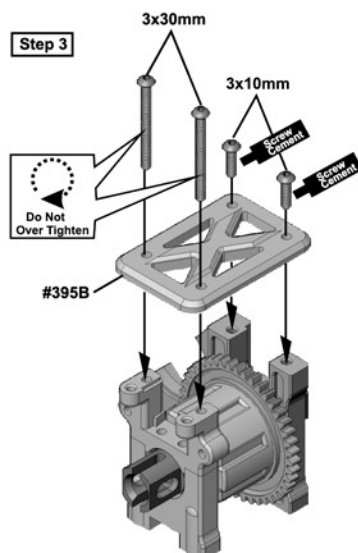


Step 2

X2S-16A
CNC ALUMINUM MOTOR MOUNT
CNC鋁合金馬達座



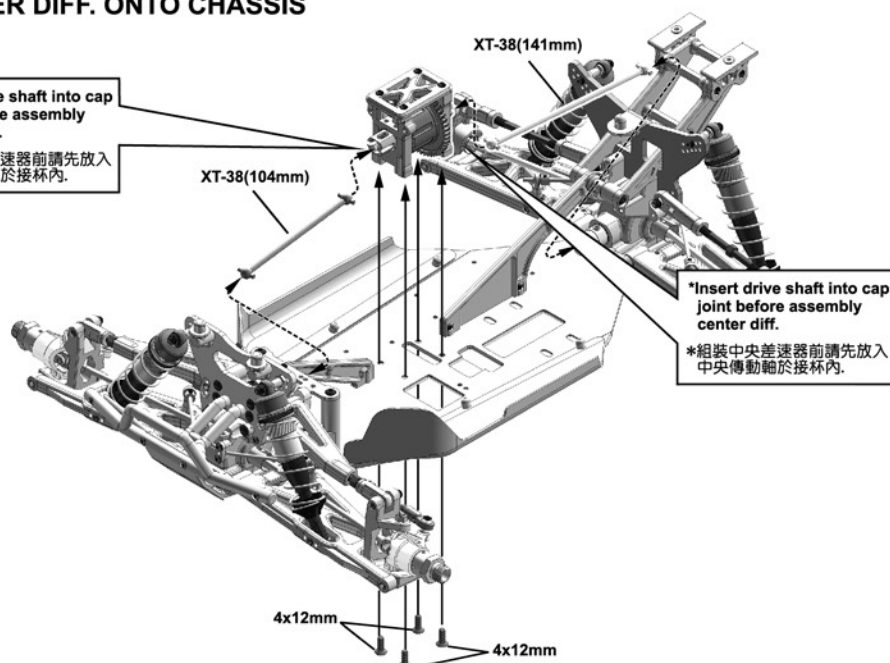
Step 3



33 ASSEMBLY OF THE CENTER DIFF. ONTO CHASSIS

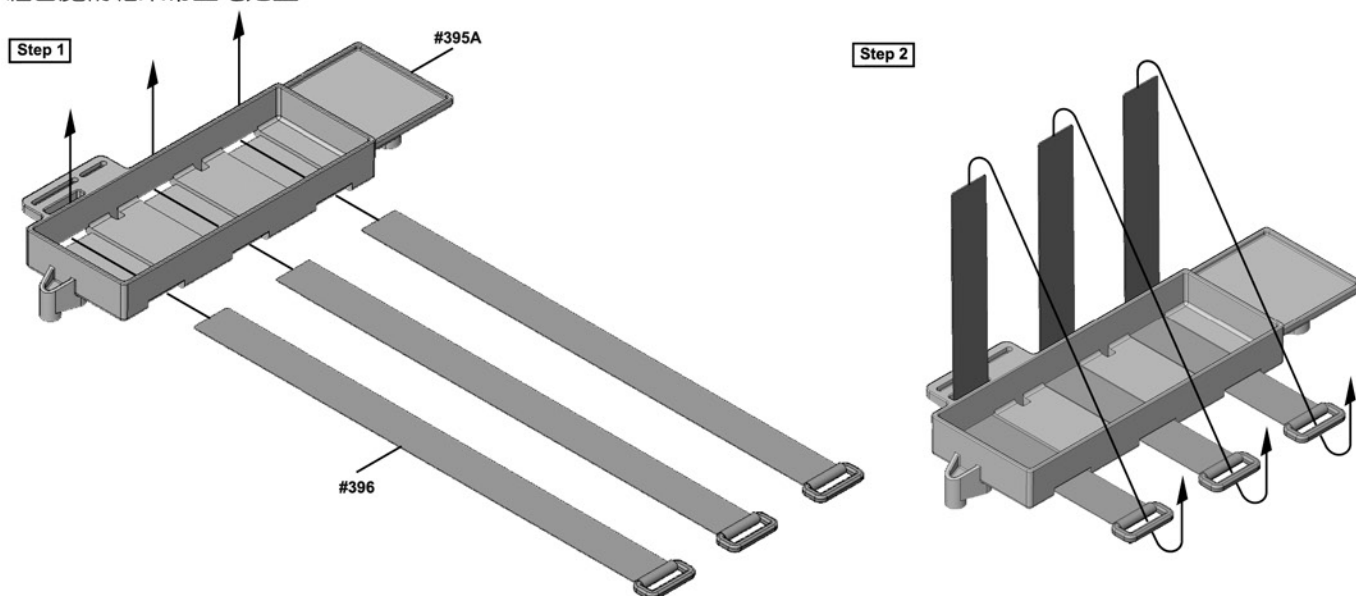
中央差速器組與底盤組合

*Insert drive shaft into cap joint before assembly center diff.
*組裝中央差速器前請先放入中央傳動軸於接杯內。



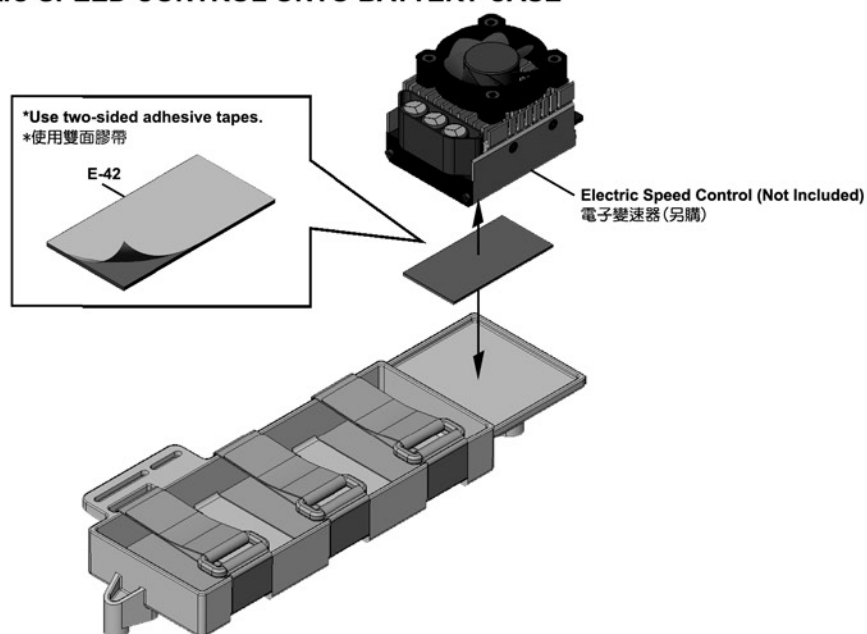
34 ASSEMBLY OF THE VELCRO INTO BATTERY CASE

組合魔術粘束帶至電池盒



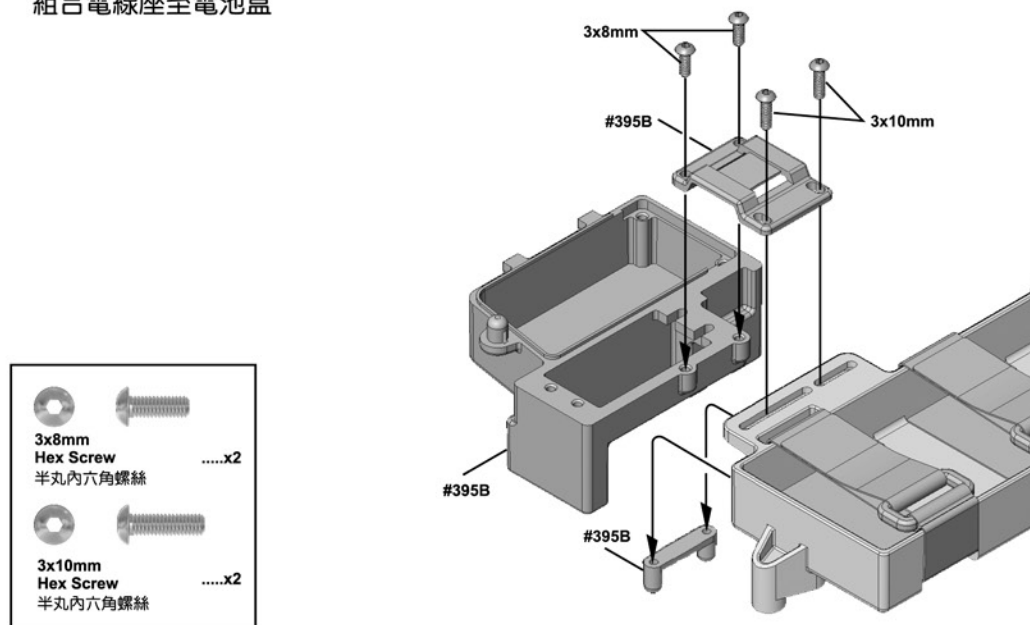
35 ASSEMBLY OF THE ELECTRIC SPEED CONTROL ONTO BATTERY CASE

組合電子變速器至電池盒



36 ASSEMBLY OF THE WIRE BRIDGE ONTO BATTERY CASE AND RECEIVER BOX

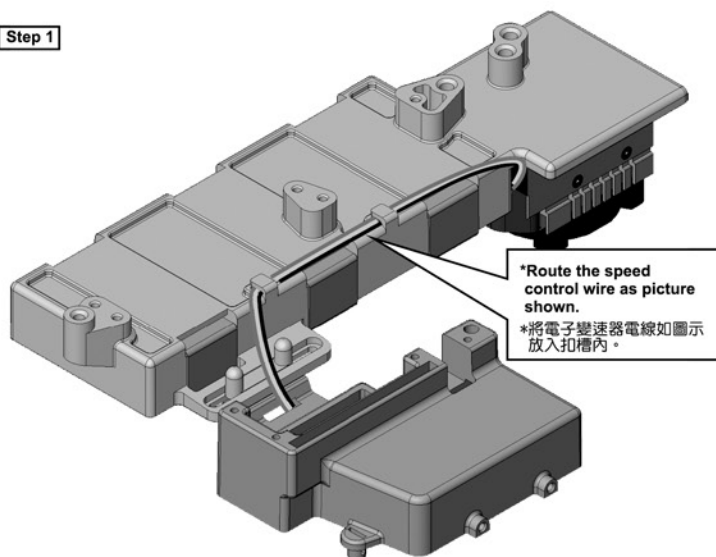
組合電線座至電池盒



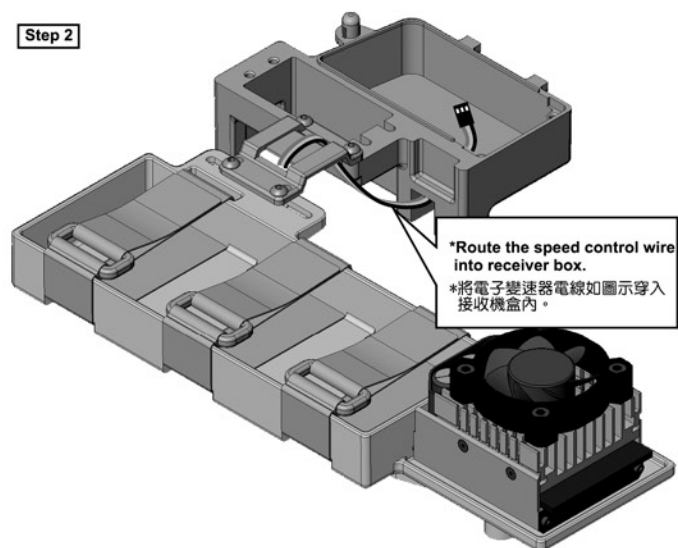
37 ASSEMBLY OF THE ELECTRIC SPEED CONTROL WIRE INTO RADIO CASE

組合電子變速器導線至接收機盒

Step 1

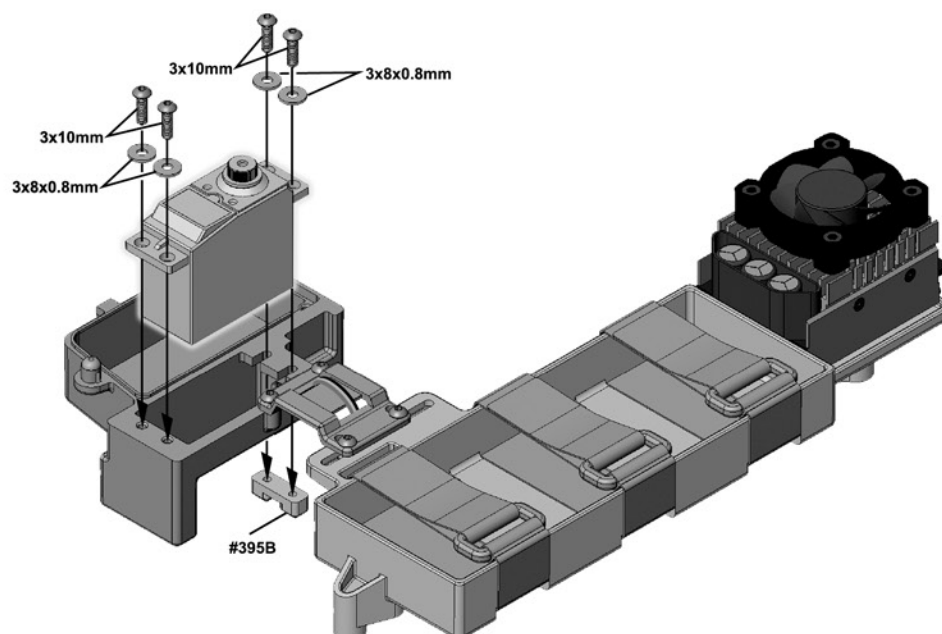


Step 2



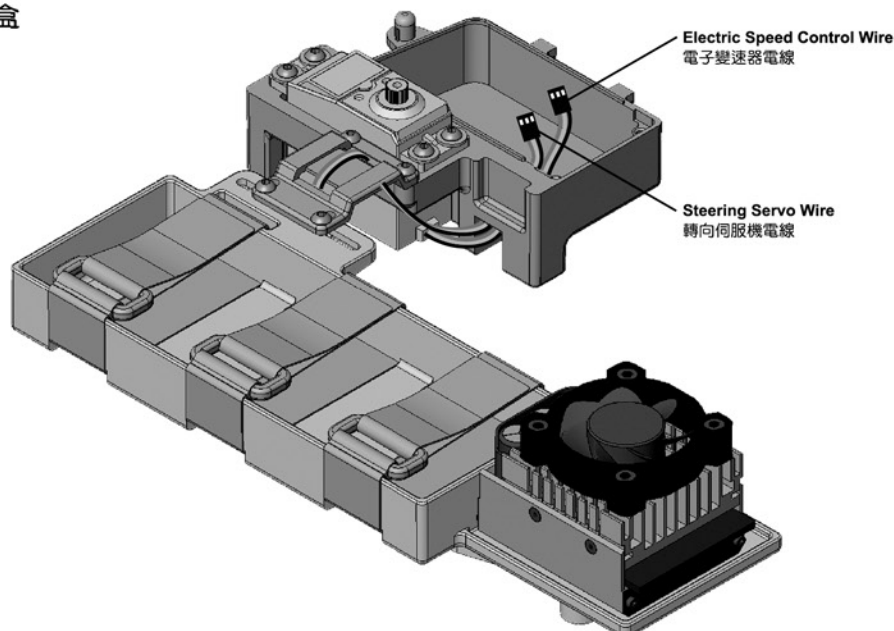
38 ASSEMBLY OF THE STEERING SERVO ONTO RADIO CASE

組合轉向伺服機至接收機盒



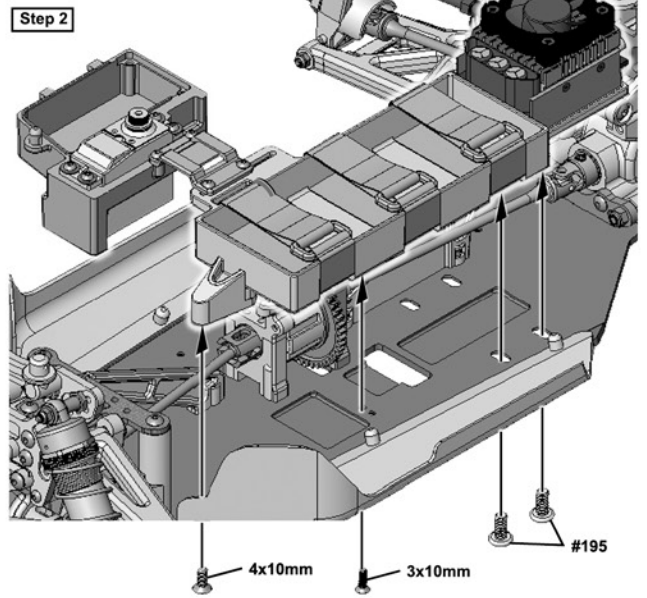
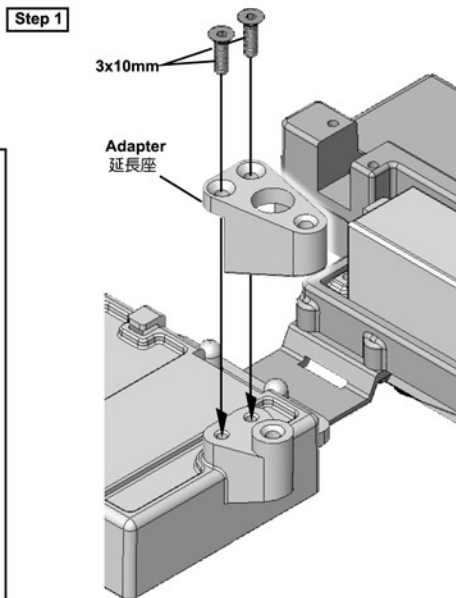
39 ASSEMBLY OF THE STEERING SERVO WIRE INTO RADIO CASE

組合伺服機導線至接收機盒



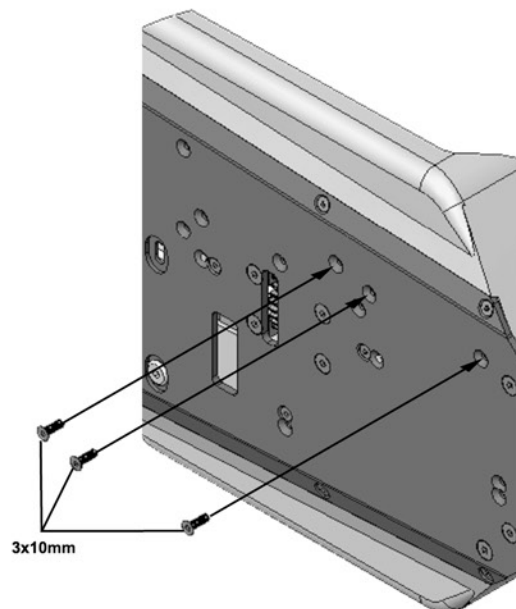
40 ASSEMBLY OF THE BATTERY CASE ONTO CHASSIS

組合電池盒至底盤



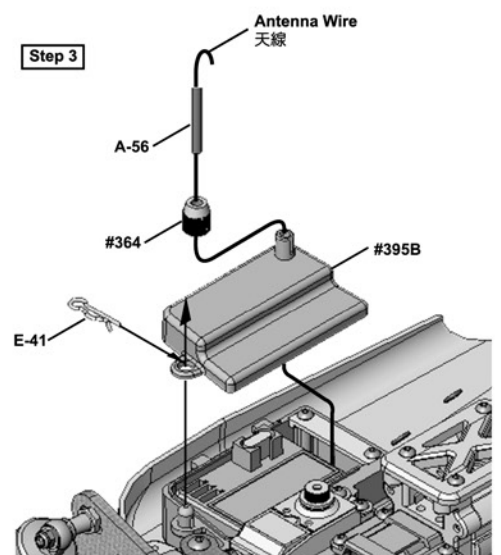
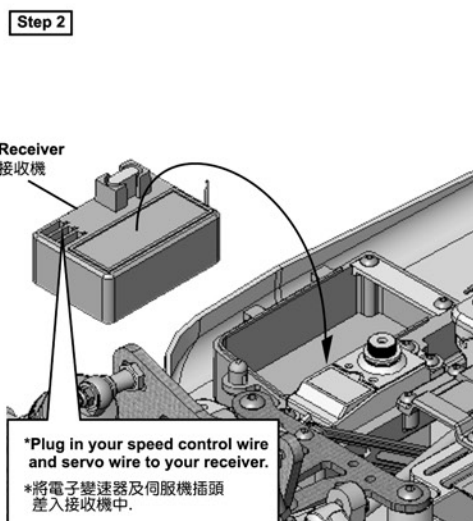
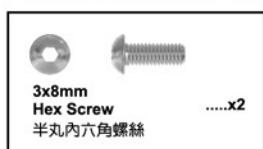
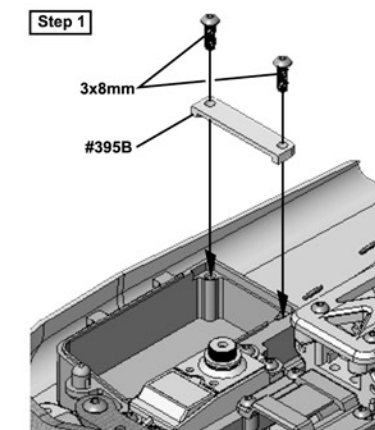
41 ASSEMBLY OF THE RADIO CASE ONTO CHASSIS

組合接收機盒至底盤



42 ASSEMBLY OF THE RECEIVER INTO RADIO CASE

組合接收機至接收機盒

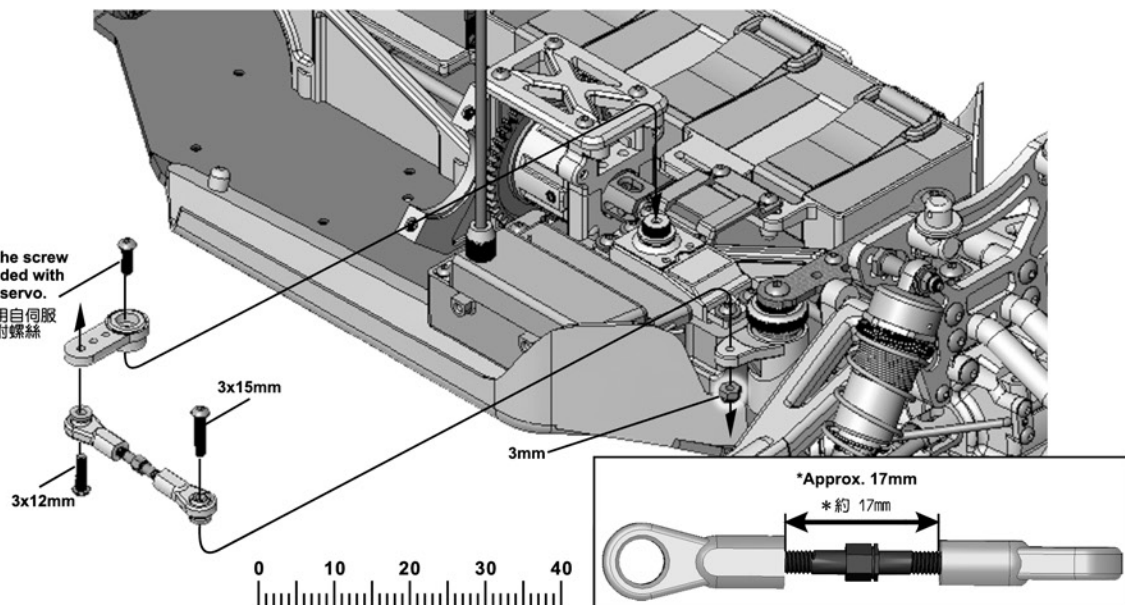


43 ASSEMBLY OF THE STEERING ROD ONTO RADIO CASE

組合轉向拉桿至接收機盒



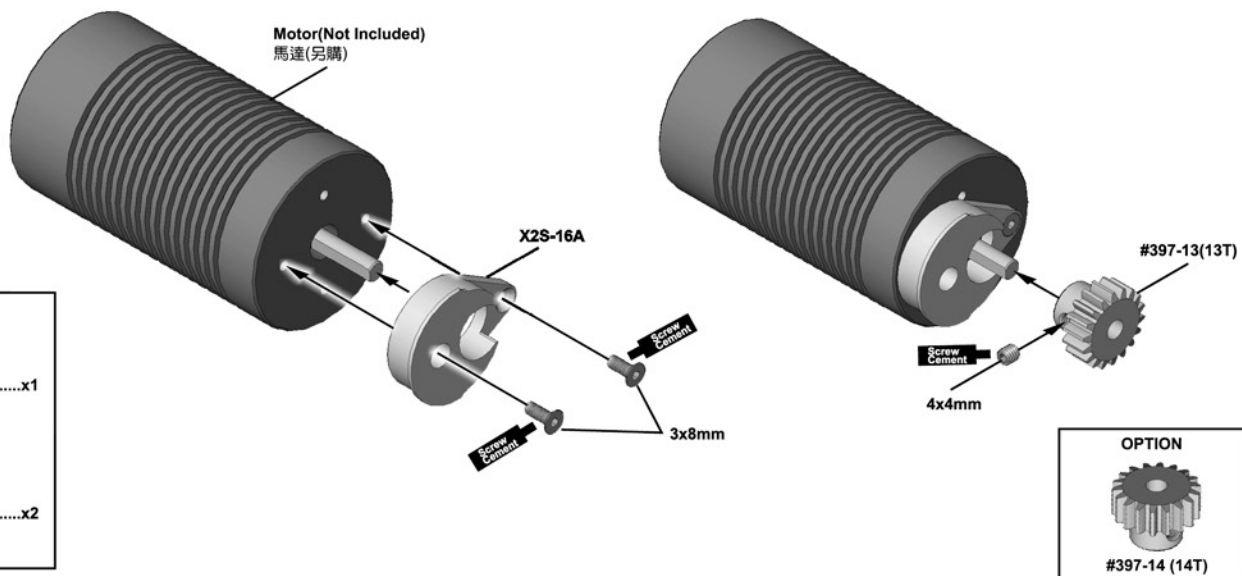
Use the screw
provided with
your servo.
請取用自伺服
機所附螺絲



44 MOTOR INSTALL

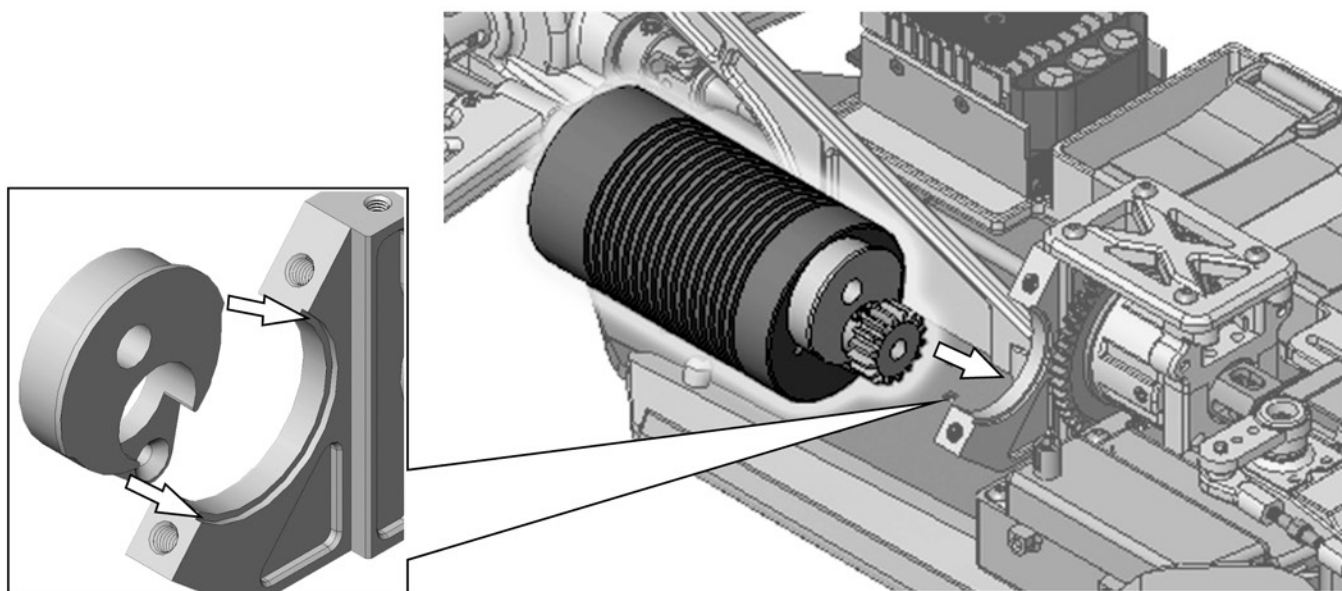
安裝馬達

*Follow your motor manufacturer's
recommendations to choose your motor.
*請依照馬達工廠建議選用適合品。



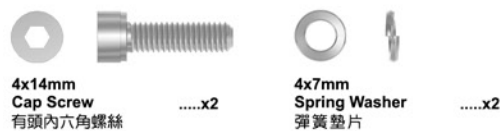
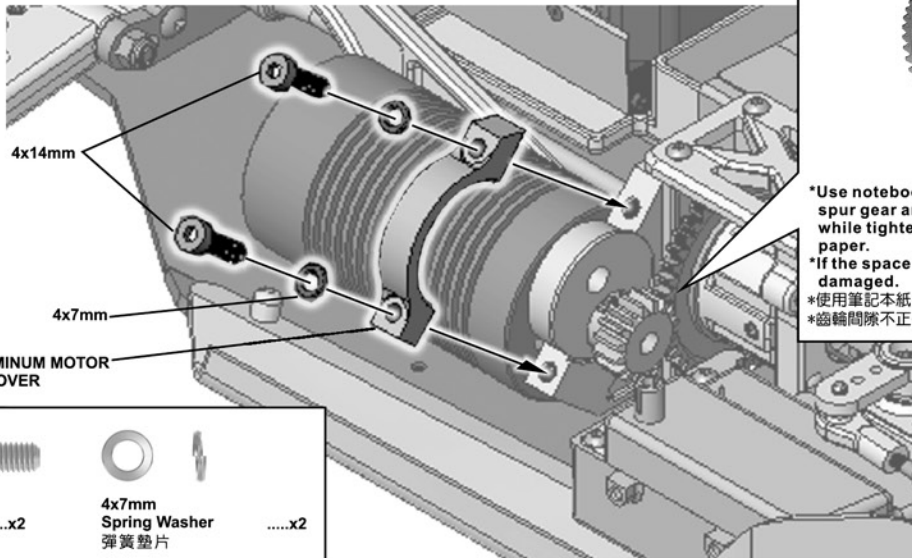
45 MOTOR INSTALL

安裝馬達



46 MOTOR INSTALL

安裝馬達

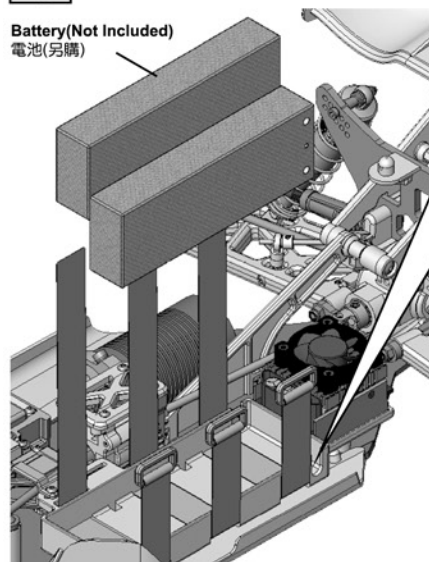


47 BATTERY INSTALL

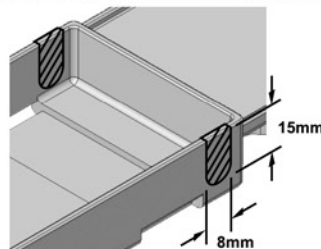
安裝電池

Step 1

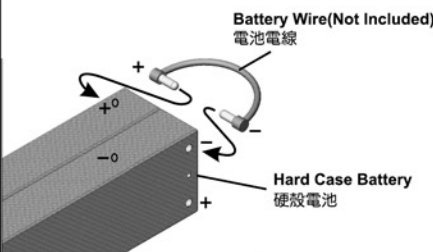
Battery(Not Included)
電池(另購)



*If use hard case battery, make a hole as picture shown.
*使用部分種類電池時，須在電池盒上裁出如圖所示的開口。

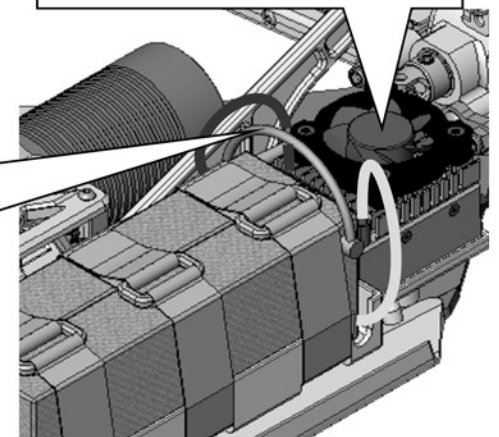


*Be aware of the direction of the battery.
*電線跨接時請注意正負極方向。



Step 2

*Follow your electric speed control manufacturer's recommendations for wiring setups.
*請依照電子變速器製造商建議安裝電線。

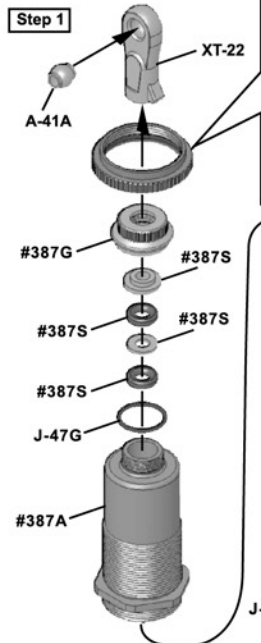


48 ASSEMBLY OF THE FRONT SHOCKS

前避震器組合

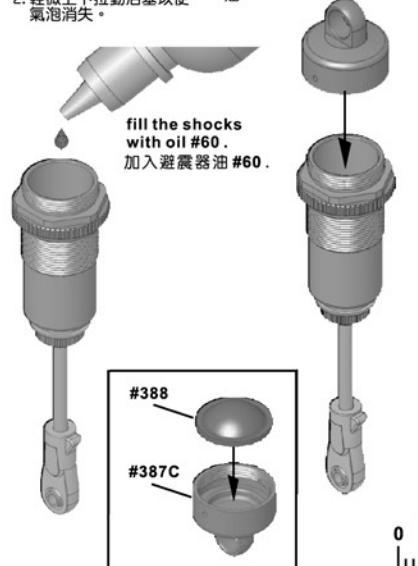
*Make 2 sets for Shocks.
*組合 2 支避震器

Step 1



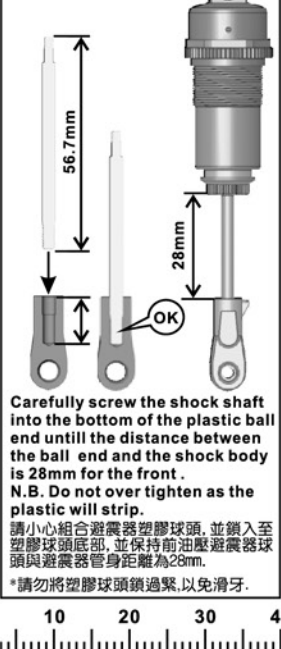
Step 2

1. Pull down piston and fill in shock oil.
2. To remove air bubbles by slowly moving piston up and down.
3. Pull down piston, tighten shock cap, and wipe off shock oil overflow with tissue paper.



CORRECT SHOCK ASSEMBLY

油壓避震器正確組合



49 ASSEMBLY OF THE REAR SHOCKS

後避震器組合

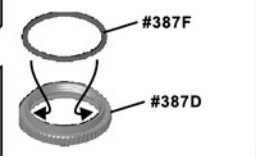
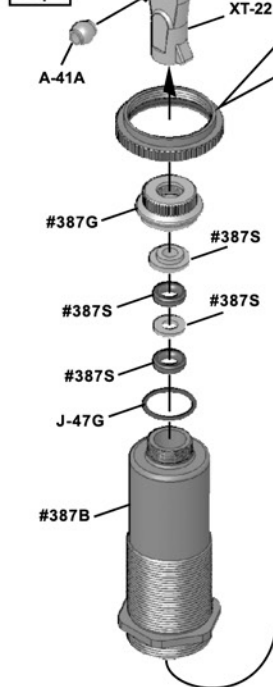
*Make 2 sets for Shocks.

*組合 2 支避震器

*Fit the o-ring into groove before assembly.

*將O環預先裝入調整環的溝槽內

Step 1

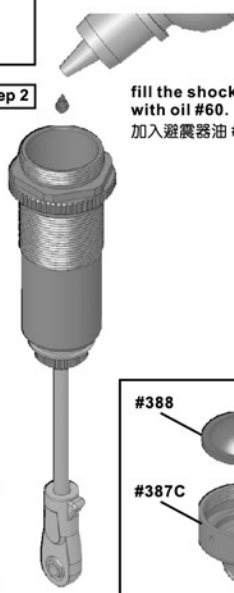


1. Pull down piston and fill in shock oil.
2. To remove air bubbles by slowly moving piston up and down.
3. Pull down piston, tighten shock cap, and wipe off shock oil overflow with tissue paper.

1. 拉下活塞到底部並注入避震油。
2. 輕微上下拉動活塞以使氣泡消失。
3. 拉下活塞並放入氣室，用棉紙擦拭溢出的避震油。

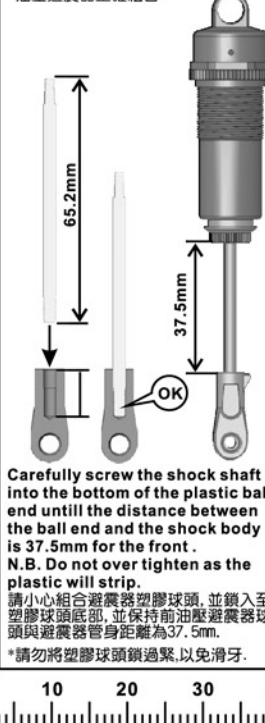
Step 2

fill the shocks with oil #60.
加入避震器油 #60.



CORRECT SHOCK ASSEMBLY

油壓避震器正確組合



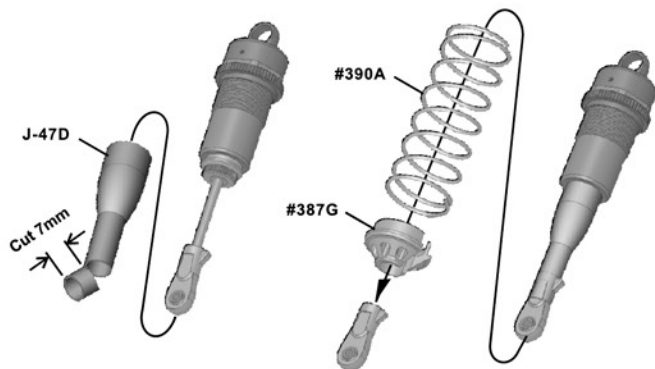
Carefully screw the shock shaft into the bottom of the plastic ball end until the distance between the ball end and the shock body is 37.5mm for the front. N.B. Do not over tighten as the plastic will strip.
請小心組合避震器塑膠球頭，並鎖入至塑膠球頭底部，並保持前油壓避震器球頭與避震器管身距離為37.5mm。
*請勿將塑膠球頭鎖過緊，以免滑牙。

50 ASSEMBLY OF THE FRONT SHOCK SPRINGS

前避震器組合

* Assemble 2 Sets for Front

*組合2支前面用

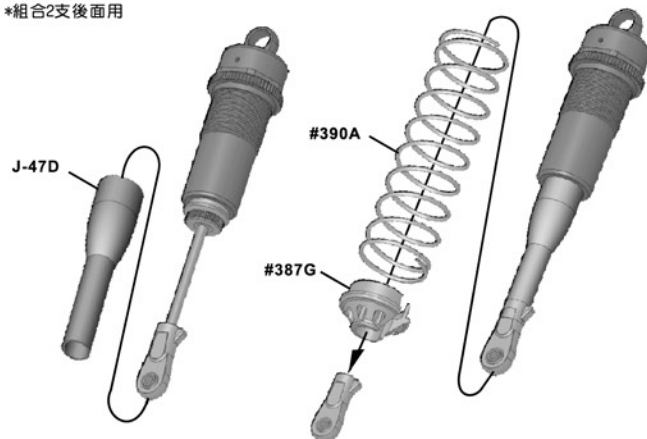


51 ASSEMBLY OF THE REAR SHOCK SPRINGS

後避震器組合

* Assemble 2 Sets for Rear

*組合2支後面用

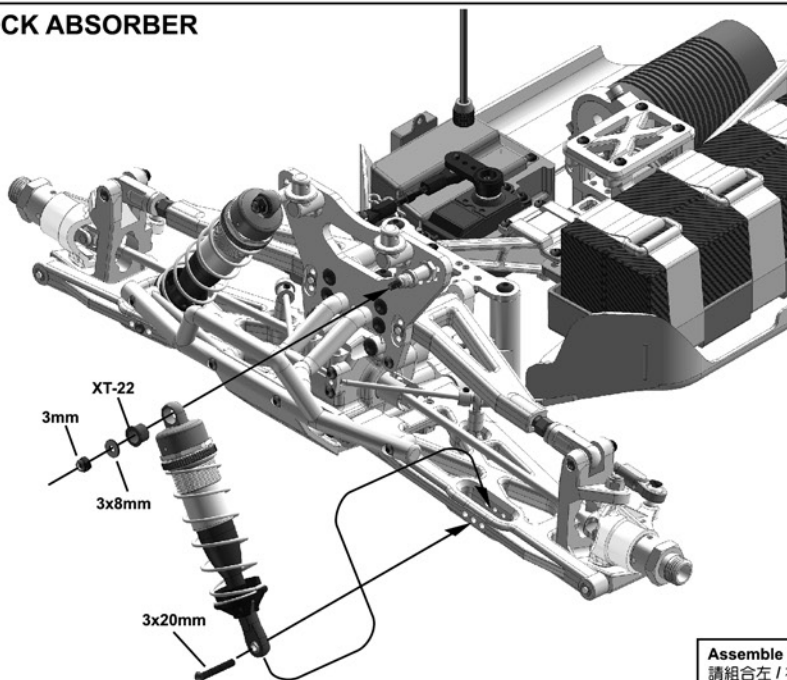


52 ASSEMBLY OF THE FRONT SHOCK ABSORBER

前避震器與油壓架組合

- 3mm Nylon Nut (x2)
- 3x8mm Washer (x2)
- 3x20mm Hex Screw (x2)

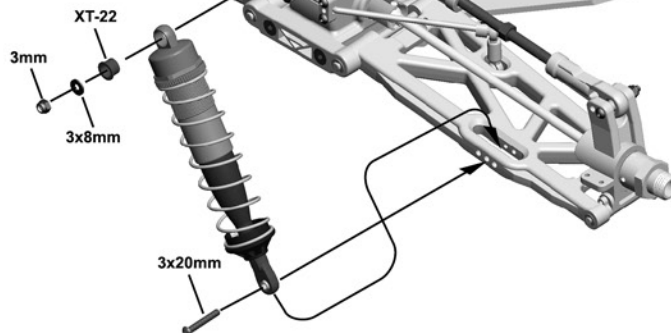
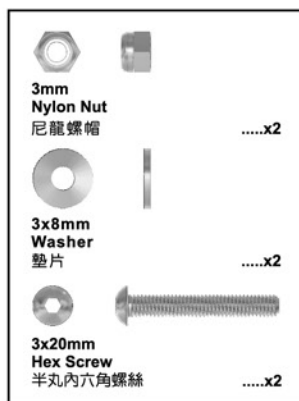
- 3mm Nylon Nut (x2)
- 3x8mm Washer (x2)
- 3x20mm Hex Screw (x2)



Assemble both right and left sides
請組合左 / 右兩側

53 ASSEMBLY OF THE REAR SHOCK ABSORBER

後避震器與油壓架組合

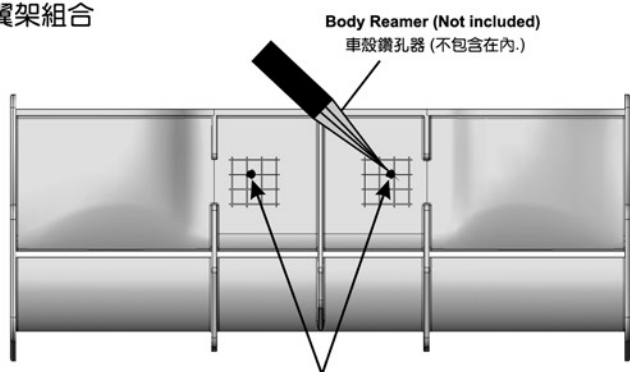


Assemble both right and left sides
請組合左 / 右兩側

54 ASSEMBLY OF THE WING

定風翼架組合

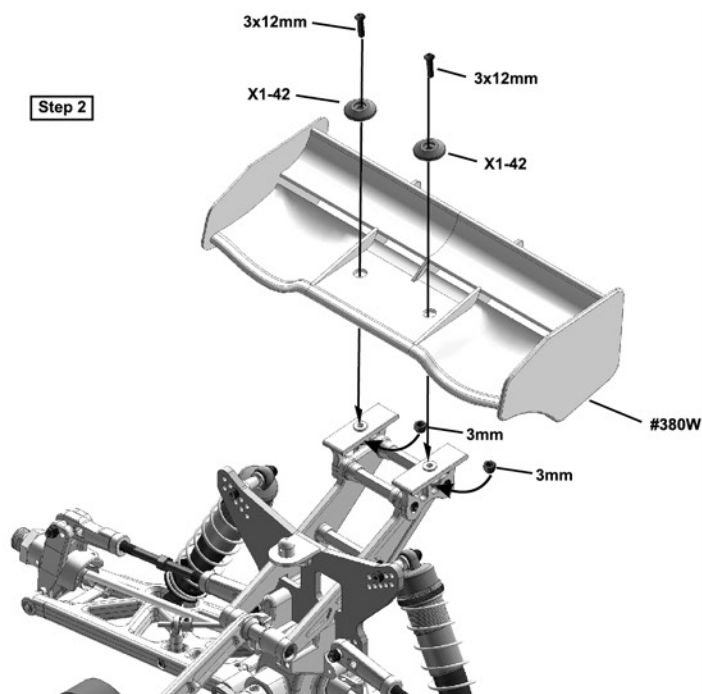
Step 1



*Drill two 7mm holes for mounting.
*在圖示位置使用鑽孔器鑽出7mm孔。



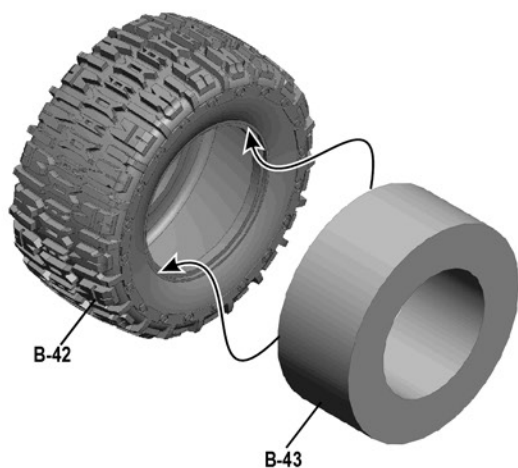
Step 2



55 ASSEMBLY OF THE TIRES AND WHEELS

輪胎與輪圈組合

Step 1



Step 2



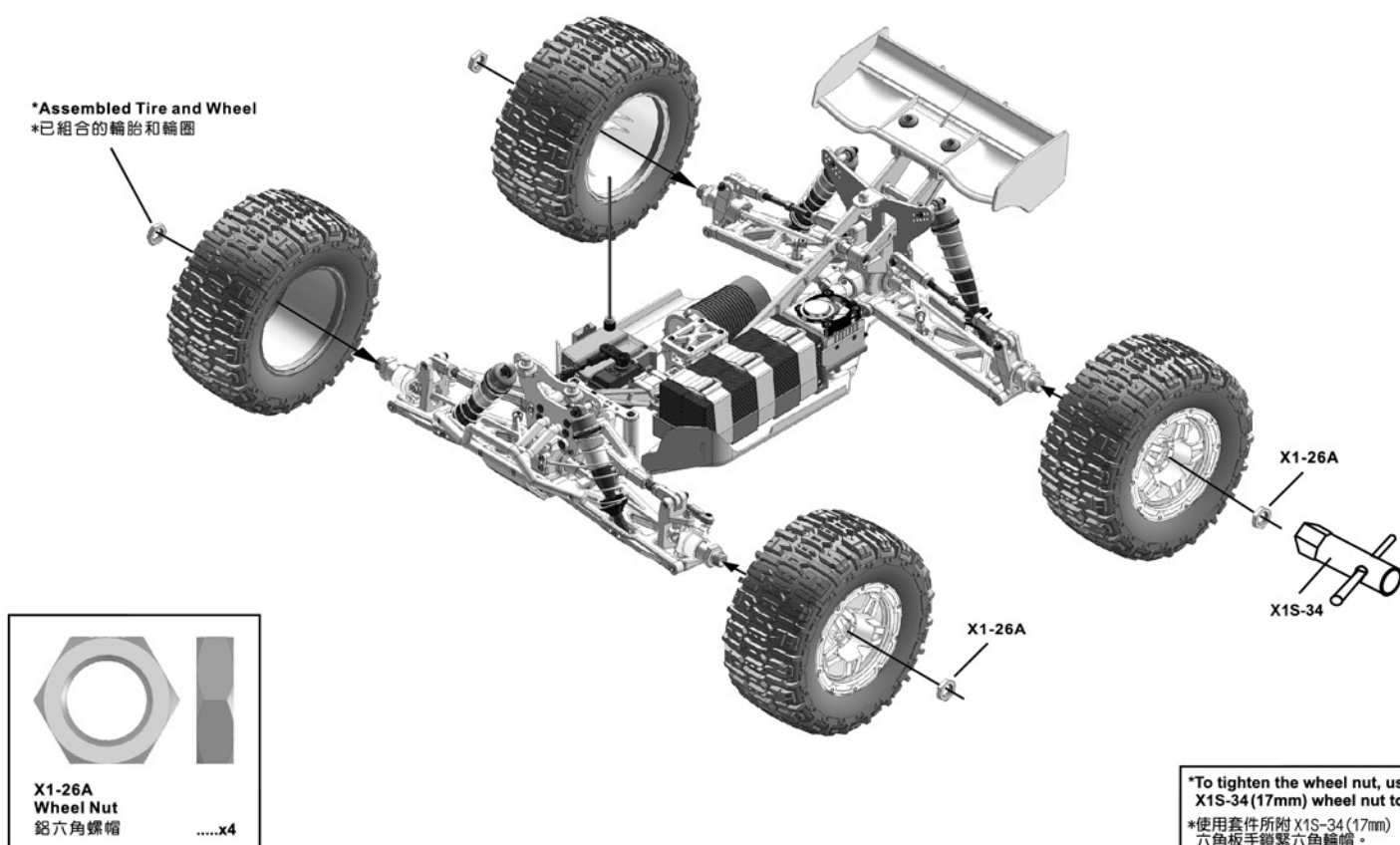
Step 3

*Apply instant glue into the groove of the wheel.
*請在輪圈與輪胎接合處用瞬間膠水粘合。

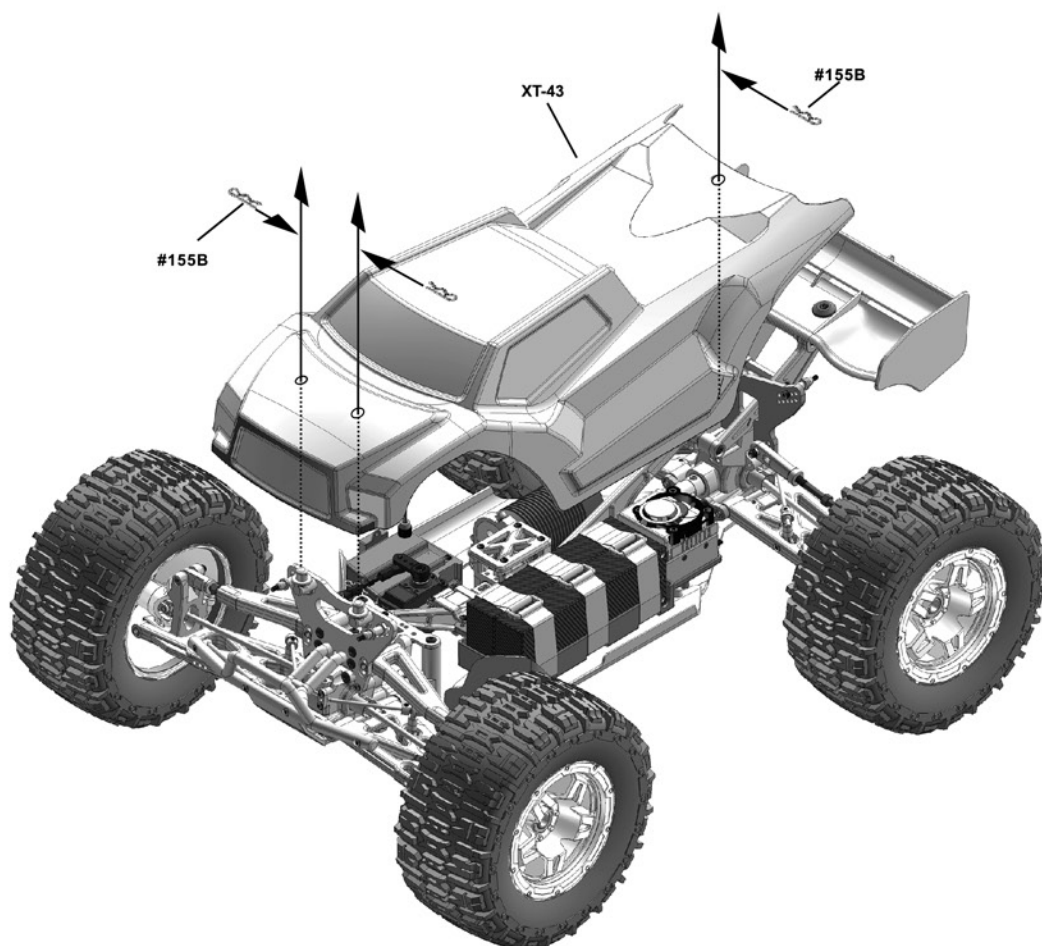


56 ASSEMBLY OF THE TIRE ONTO FRONT KNUCKLE AND REAR HUB 安裝輪胎至車體

Assemble both right and left sides
請組合左 / 右兩側



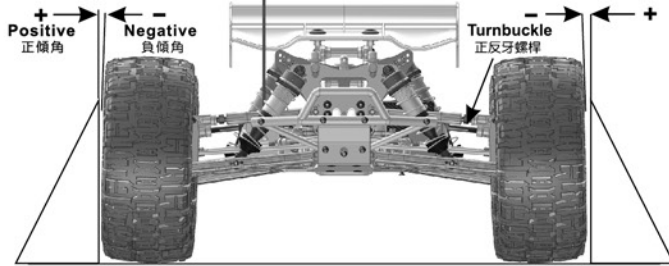
57 MOUNTING BODY 組合車殼



SETTING GUIDE 輪胎角度設定

FRONT CAMBER ANGLE SETTING

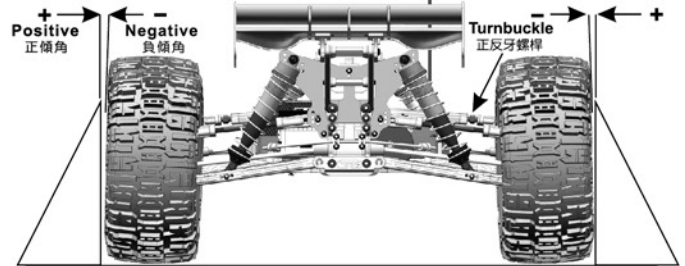
前胎輪傾角調整



Place the model car on flat surface. Raise the chassis to it's maximum clearance before the wheels leave the ground.
Adjust the length of the front and rear upper arms so that the wheels are right angle to the ground.
The camber angle adjustment can move the turnbuckle rod on the upper arms clockwise or anti-clockwise.
(We suggest to use zero degree for the front and 1.5 negative degree for the rear.)

REAR CAMBER ANGLE SETTING

後胎輪傾角調整



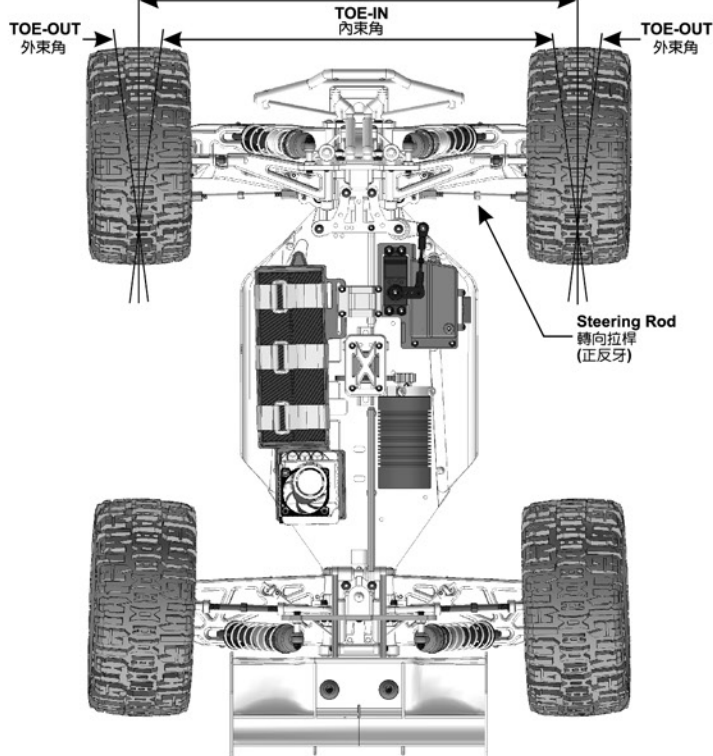
1. 將車體放置在平整桌面上並保持在正確離地高度。調整上擺臂長度使輪胎與地面垂直(0度)。
2. 調整上擺臂“正反牙螺桿”長度可改變正負傾角設定。加長上擺臂--傾角變為--正傾角。縮短上擺臂--傾角變為--負傾角。(我們建議前輪為0度,後輪為負1.5度。)

FRONT TOE-IN AND TOE-OUT SETTING

前輪內束角/外束角 調整

NEUTRAL POSITION

中立



Adjust the length of front steering rod to change the toe angle.

Making the tie rod longer will make the front tires become toe-in.
Response will be slower and will over steer.

Making the tie rod shorter will make the front tires become toe-out.
Response will be quicker and will under steer.

改變前輪轉向拉桿之長度可以改變前輪“內束角”與“外束角”。

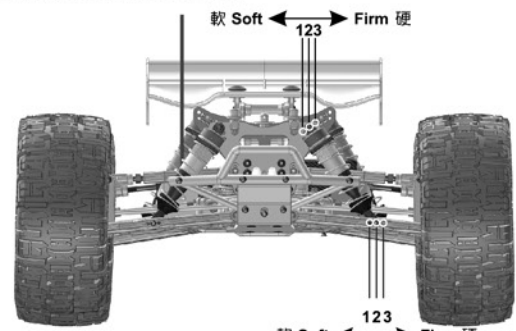
1. 將前輪轉向拉桿加長, 前輪會變成內束角。此時轉向反應會變慢, 並且有轉向過度情形產生。

2. 將前輪轉向拉桿變短, 前輪會變成外束角。此時轉向反應會變快, 並且有轉向不足情形產生。

FRONT SHOCK ANGLE SETTING

前油壓避震器角度調整

前油壓避震器會因安裝在不同位置, 而會使懸吊系統產生不同硬軟變化。前油壓避震器配置位置愈往車體中心, 懸吊反應變軟。前輪懸吊系統軟硬不同, 會產生不同轉向特性。油壓避震器按裝孔位, 請依場地不同而調整在不同位置。

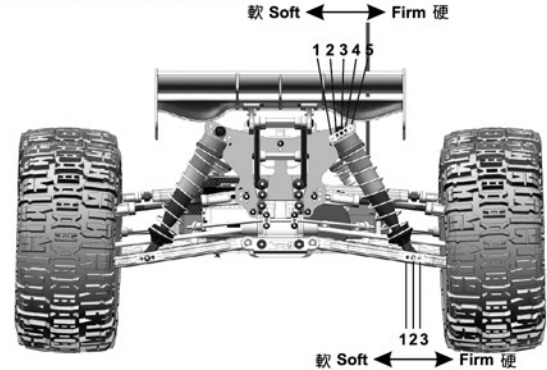


Firm front suspension, less steering. 前輪硬-轉向不足
Soft front suspension, more steering. 前輪軟-轉向過度

REAR SHOCK ANGLE SETTING

後油壓避震器角度調整

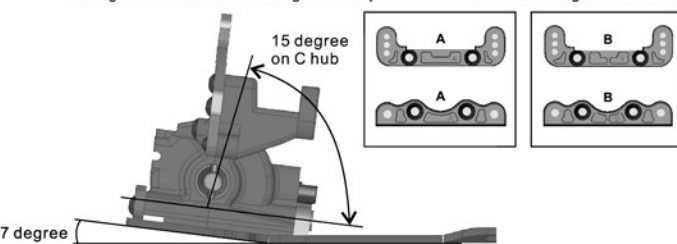
後油壓避震器會因安裝在不同位置, 而會使懸吊系統產生不同硬軟變化。後油壓避震器配置位置愈往車體中心, 懸吊反應變軟。後輪懸吊系統軟硬不同, 會產生不同捉地力特性。油壓避震器按裝孔位, 請依場地不同而調整在不同位置。



Firm rear suspension, over steering. 後輪硬-轉向過度
Soft rear suspension, under steering. 後輪軟-轉向不足

CASTER ANGLE

Adjust the front caster angle by changing the arm block "A" or "B" on the front lower arms. After you set the caster angle, you will also need to adjust the front upper arm position. The final caster also depends on the kick-up setting.
Example: 15 degree caster on C-hub + 7degree kick-up + "A" lower arm block = 22 degree final caster.
15 degree caster on C-hub + 7degree kick-up + "B" lower arm block = 20 degree final caster.

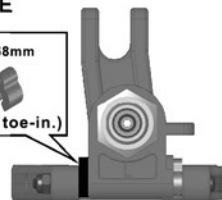


Caster angle	Characteristics
Less caster	Increases off-power steering into a corner. Decreases on-power steering out of and in a corner. Decreases straight-line stability.
More caster	Decreases off-power steering into a corner. Increases on-power steering out of and in a corner. Increases straight-line stability.

REAR WHEELBASE

363mm 365.5mm 368mm

0
(With 2.5 degree rear toe-in.)



Adjust the wheelbase by using the spacers on either side of the rear uprights (at the bottom pin).
IMPORTANT! Make equal adjustments on both left and right sides of the car.

Shorter wheelbase

- less spacers in front of the rear upright.
- increases rearward weight transfer during acceleration.
- increases on-power traction.
- quicker off-power steering into corners.
- slight tendency to push on-power at corner exit.
- increases steering response.
- better on tighter, more technical tracks.

Longer wheelbase

- more spacers in front of the rear upright.
- decreases off-power steering into sharp corners.
- increases stability.
- slower initial steering reaction (off-power).
- improves on-power steering at corner exit.
- better handling over bumps and ruts.
- better on more open tracks with high-speed corners.

MEGA BOOSTER Set-Up Sheet

Driver: _____

Track: _____ / _____

Air Temp: _____ 80F _____

Track Size	Traction	Surface
☐ open	☐ High	☐ Smooth
☐ Medium	☐ Medium	☐ Medium
☐ Tight	☐ Low	☐ Bumpy

Front Suspension

Shock Spring: _____ Blue _____

Shock Piston: ☐ Standard ☐ Drilled

Shock Oil wt: _____ 50 _____

Shock Length
(Center to Center) _____ 105.5mm _____

Toe-IN: ☐ _____

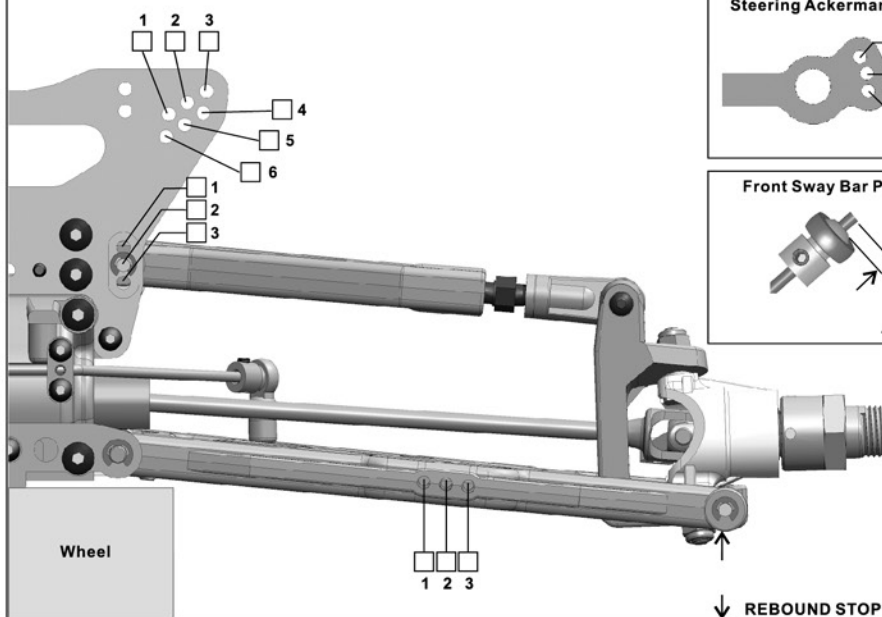
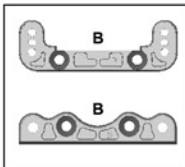
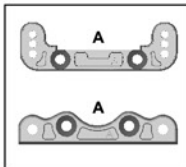
Toe-Out: ☐ _____

Front Ride Height: _____ mm

Sway Bar: ☐ 2mm ☐ 2.3mm ☐ 2.5mm

Camber: ☐ Neg: _____
☐ Pos: _____

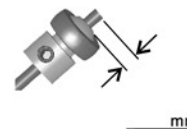
Caster Block: ☐ A/A ☐ B/B



Steering Ackerman Location



Front Sway Bar Preload



Notes: _____

Rear Suspension

Shock Spring: _____ Blue _____

Shock Piston: ☐ Standard ☐ Drilled

Shock Oil wt: _____ 50 _____

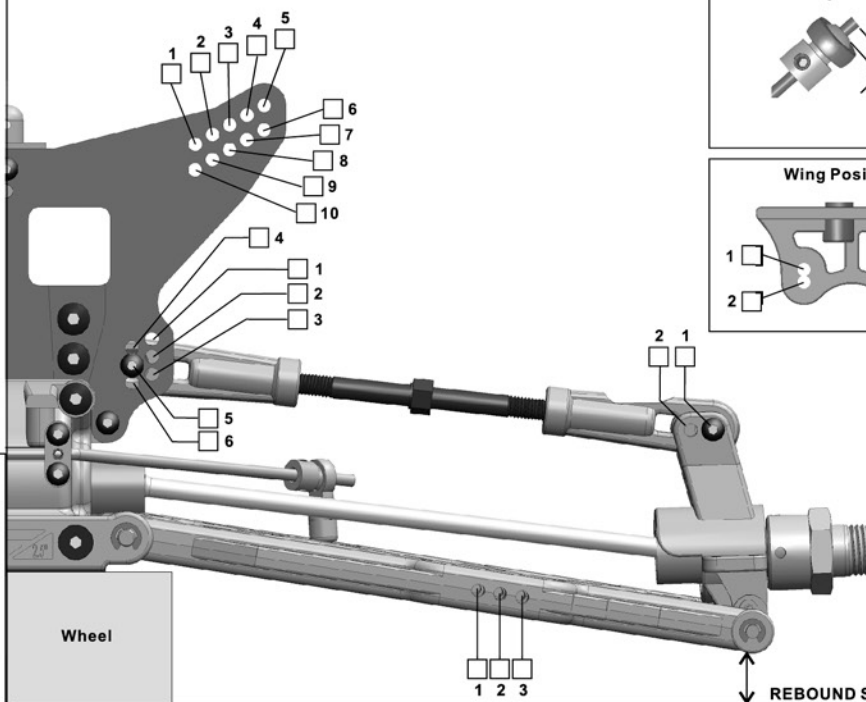
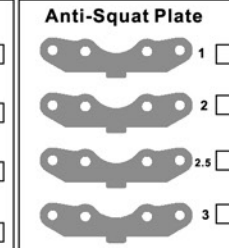
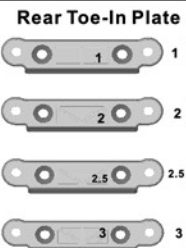
Shock Length
(Center to Center) _____ 123.5mm _____

Rear Ride Height: _____ mm

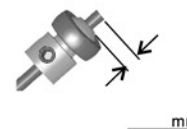
Sway Bar: ☐ 2.3mm ☐ 2.5mm ☐ 2.8mm
☐ _____ ☐ None

Camber: ☐ Neg: _____
☐ Pos: _____

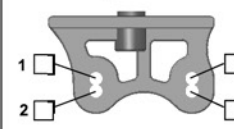
Rear Hub/Wheelbase: ☐ Forward ☐ Middle
☐ Back



Front Sway Bar Preload



Wing Position



Differential

Front Type: ☐ STD ☐ Torsen Oil _____ K

Center Type: ☐ STD ☐ Torsen Oil _____ K

Rear Type: ☐ STD ☐ Torsen Oil _____ K

Tires

Front Type: _____ Compound _____ STD _____ Foam: _____ STD STIFF _____

Rear Type: _____ Compound _____ STD _____ Foam: _____ STD STIFF _____

Note: _____

Engine

Type: _____

Head Clearance _____ .025" Port: _____

Pipe: _____

Fuel: _____ %

Plug _____ ☐ Turbo ☐ Normal

CLUTCH

Shoe Brand: _____ Compound: _____ ☐ ALUM: ☐ Blue ☐ Red

Spring Brand: _____ Tension: _____ SILVER HVY 1mm _____

Gearing: _____ 13T _____ 14T TO _____ 46T _____ 48T

Note: _____

Clutch Shoes:

- ☐ 2 Shoes
☐ 3 Shoes
☐ 4 Shoes

MEGA BOOSTER Parts List

Part No.	Description	Q'TY	Part No.	Description	Q'TY
A-34B	Stabilizer Ball End	2	X1S-21B	Rear Stabilizer 2.8mm	1
A-40A	6mm Ball End (Plastic)	6	X1S-34	Wrench for MT Wheel Hub	1
A-41A	6mm Ball & Socket	6	X1S-55A	New Servo Saver, Plastic	1
A-56	Antenna Pipe	1	X2S-16A	CNC ALUMINUM MOTOR MOUNT	1set
A-77G	4x10x0.2 Washer	4	XT-02B	4mm Front Shock Tower (Black)	1
A-87B	4mm Cross Pin	2	XT-03B	4mm Rear Shock Tower (Black)	1
B-42	1/8 Truggy Tires, "Tank Type"	2	XT-05B	4mm Front Lower Arm Holder (AL7075-Black)	1
B-43	Truck Inner Sponge "Tank Type"	4	XT-06B	4mm Rear Lower Arm Holder (AL7075-Black)	1
B-44	1/8 Truggy Wheel "5 Claw"	2	XT-08	Universal Joint, Front or Rear	2
D-17A	Arm Shaft 4x74.1mm	2	XT-10	Rear Drive Shaft (137mm)	2
E-37	6mm Ball & Socket	6	XT-11	Turnbuckle 4x80mm	2
E-41	1/10 Body Pin	10	XT-12	Turnbuckle 5x80mm	2
G-09	Plastic Arm Ball End, 7mm	6	XT-17	Front Upper Arms	1
G-10	Steering Ball 7mm	8	XT-18	Lower Arms F/R	2
G-25	7mm Ball	6	XT-19	X1 Truggy Bumper	1
G-26	5x35mm Turnbuckle	2	XT-22	Plastic Shock Parts Set	1
J-03A	P6 O-Ring (Orange)	2	XT-26	Spiral Bevel Gear 45T	1
J-03B	2.5x13.8 Pin	2	XT-27	Spiral Bevel Gear 10T	1
J-03C	Diff. Gaskets	3	XT-28	X2 CRT Stone Gurad (R&L)	1
J-20	Diff Bevel Gear Shim 13x16x0.2mm	4	XT-29	X2 Chassis Brace, Plastic	1set
J-30B	Servo Saver Adjust Ring(Black)	1	XT-30	Body Post/Skid Plate/Tank Post	1set
J-33	Steering Plate Hex Screws	2	XT-31	Plastic Center Diff. Mount	1set
J-34	7mm Balls (Black)	4	XT-34	X2 CRT Screw Bags	1set
J-35	Alum. 3mm Tapered Washers	4	XT-35	X2 CRT New Servo Saver Spring	1
J-47D	Shock Shaft Dust Covers	4	XT-36	Complete Diff. Set (Front/Rear)	1set
J-47G	10x1mm O-Ring	4	XT-37	X2CRT 6061Chassis, Hard-Anodizing	1
L-26	3x36mm Turnbuckle	2	XT-38	Center Drive Shaft (104+141mm)	2
X1-05B	Alum. Front Plate	1	XT-43	Mega Booster Printed Body	1
X1-07B	Alum. Servo Saver Connecting Plate	1	#155B	Body Clips (Short)	1set
X1-10H	Servo Saver Tube, Hard-Anodizing	1	#267D	8x16 Ball Bearing	8
X1-11	Servo Saver Post	2	#267E	2.5x17mm Pins	4
X1-13	Diff. Gear(20Tx2 & 10Tx4)	1set	#312-BK	Servo Horn Black	1
X1-14	Diff Cap Joint	2	#315A	Shock Shafts (Front)	2
X1-15	Brake Cap Joint	2	#316A	Shock Shafts (Rear)	2
X1-18	Steel Spur Gear 48T	1	#352	Wheel Hub (Long +15mm)	4
X1-19	Cap Joint for Planet Gear	2	#364	Antenna Pipe Fixing Nut	1
X1-20	Knuckle Arm, L & R (Alumi)	1set	#380W	1/8 High Force Wing, White	1
X1-22	Rear Drive Shaft	2	#387A	16mm Front Shock Body (Short)	pair
X1-25	Rear Lower Arm Shaft (3x48.1mm)	2	#387B	16mm Rear Shock Body (Long)	pair
X1-26A	17mm Hex Wheel Nut	2	#387C	16mm Shock Cap Hard-Anodizing	4
X1-27	Knuckle Arm Bushing	4	#387D	16mm Shock Spring Adjuster(Black)	4
X1-28	King Pin Screw	4	#387F	19 x 1.5mm O-Ring	4
X1-33	Gear Case	1	#387G	Plastic Shock Spring Holder	1set
X1-34	Arms Holder, Plastic	1set	#387H	3 x 28mm Cap Screws	4
X1-36	Front C Hub (L&R)	1set	#387I	Shock Ball End Post (Long)	4
X1-38	Diff. Case (F&R)	1	#387P	16mm Shock Piston	8
X1-40	Rear Upper Right	1set	#387S	Repair Kit for #387	1set
X1-42	Wing Stay Set	1set	#388	16mm Pressure Top (Orange)	4
X1-46	Front Arm Shaft 3x42.7mm	4	#390A	16mm Shock Spirng (Grey)	1set
X1-48	M3 Nylon (Thin Type)	2	#395	BATTERY CASE	1
X1-51	Diff. Set (Center)	1set	#396	VELCRO BATTERY STRAPS	3
X1S-20B	Front Stabilizer 2.5mm	1	#397-13	13T PINION GEAR	1

MEGA BOOSTER 零件表

編號	品名	數量	編號	品名	數量
A-34B	平衡桿鐵球	2	X1S-21B	後平衡桿2.8mm	1
A-40A	轉向塑膠球頭	6	X1S-34	輪胎拆除扳手	1
A-41A	6mm球型	6	X1S-55A	新式緩衝組塑膠模	1
A-56	天線管	1	X2S-16A	三件式鋁製馬達座	1組
A-77G	4x10x0.15墊片	4	XT-02B	前油壓架4mm (黑色)	1
A-87B	4mm十字軸心	2	XT-03B	後油壓架4mm (黑色)	1
B-42	坦克大腳胎	2	XT-05B	4mm前下補強板 7075(黑色)	1
B-43	坦克大腳胎用海綿	4	XT-06B	4mm後下補強板 7075(黑色)	1
B-44	大腳框-5爪	2	XT-08	聯結式傳動軸 (前/後)	2
D-17A	4x74.1mm擺臂軸	2	XT-10	後傳動軸 137mm	2
E-37	6mm球型座	6	XT-11	正反牙拉桿	2
E-41	1/10 R型插梢	10	XT-12	正反牙拉桿	2
G-09	7mm擺臂外端塑膠球頭	6	XT-17	前上擺臂模	1模
G-10	7mm轉向拉桿塑膠球頭	8	XT-18	前、後下擺臂模	2模
G-25	7mm球形	6	XT-19	防撞板	1組
G-26	5x35mm正反牙	2	XT-22	避震器塑膠件	1模
J-03A	P60環 (橘色)	2	XT-26	蝸型大傘齒 45t	1
J-03B	2.5x13.8mm滾針	2	XT-27	蝸型小傘齒 10t	1
J-03C	差速器防漏墊片	3	XT-28	X2 CRT 防塵板 R.L	1模
J-20	13x16x0.2mm差速器墊片	4	XT-29	中央前後補強桿塑膠模	1模
J-30B	緩衝組調整環(黑)	1	XT-30	車殼柱/底盤護板/油箱柱	1模
J-33	緩衝組六角螺絲	2	XT-31	中差座塑膠模	1模
J-34	7mm圓球(黑)	4	XT-34	X2 CRT 螺絲包	1組
J-35	3mm鋁錐型墊片	4	XT-35	X2 CRT緩衝組彈簧	1
J-47D	避震器防塵套	4	XT-36	前、後差速器組	1組
J-47G	10x1mm O環	4	XT-37	X2CRT 6061底盤硬陽	1
L-26	3x36 正反牙	2	XT-38	中央傳動軸104x141mm	2
X1-05B	三角板 (鋁) 黑色	1	XT-43	MEGA BOOSTER 車殼	1
X1-07B	緩衝組連接板(黑)	1	#155B	R型插梢(短)	8
X1-10H	緩衝組鋁管 (硬陽)	1	#267D	8x16培林	4
X1-11	緩衝組支柱	2	#267E	2.5x16.8mm滾針	1
X1-13	鋁差速齒(20tx2, 10tx4)	1組	#312-BK	伺服片 (黑色)	1
X1-14	差速接杯	2	#315A	避震器軸心(前)	2
X1-15	煞車接杯	2	#316A	避震器軸心(後)	2
X1-18	48T大直齒	1	#352	加長鋁六角輪座, 15mm	4
X1-19	小傘接杯	2	#364	天線管固定螺帽(鋁本色)	1
X1-20	轉向座L.R (鋁)	1組	#380W	1/8 高下壓力定風翼	1
X1-22	後輪軸	2	#387A	16mm外牙筒身(短)	2
X1-25	3x48.1mm擺臂軸	2	#387B	16mm外牙筒身(長)	2
X1-26A	17mm六角螺帽	2	#387C	16mm避震器上蓋(硬陽)	4
X1-27	轉向襯套	4	#387D	16mm避震器調整環(黑)	4
X1-28	大王銷螺絲	4	#387F	19x1.5mm O環	4
X1-33	差速箱前後蓋	1	#387G	彈簧止座塑膠模	1組
X1-34	擺臂固定座模	1模	#387H	3x28mm有頭內六角	4
X1-36	C型座 L.R	1模	#387I	避震器上支座(加長型)	4
X1-38	差速殼	1	#387P	16mm避震器活塞	8
X1-40	後輪座/後上臂/防撞板	1模	#387S	16mm避震器修理包	1組
X1-42	定風翼架塑膠模	1模	#388	16mm避震器用氣室桔色	4
X1-46	3x42.7擺臂軸	4	#390A	16mm避震器彈簧(灰色)	4
X1-48	特殊M3尼龍帽	2	#395	電池盒塑膠品	1
X1-51	中央差速器組	1組	#396	電池固定帶(魔鬼粘)	3
X1S-20B	前平衡桿2.5mm	1	#397-13	13T 馬達齒	1

HONG NOR

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