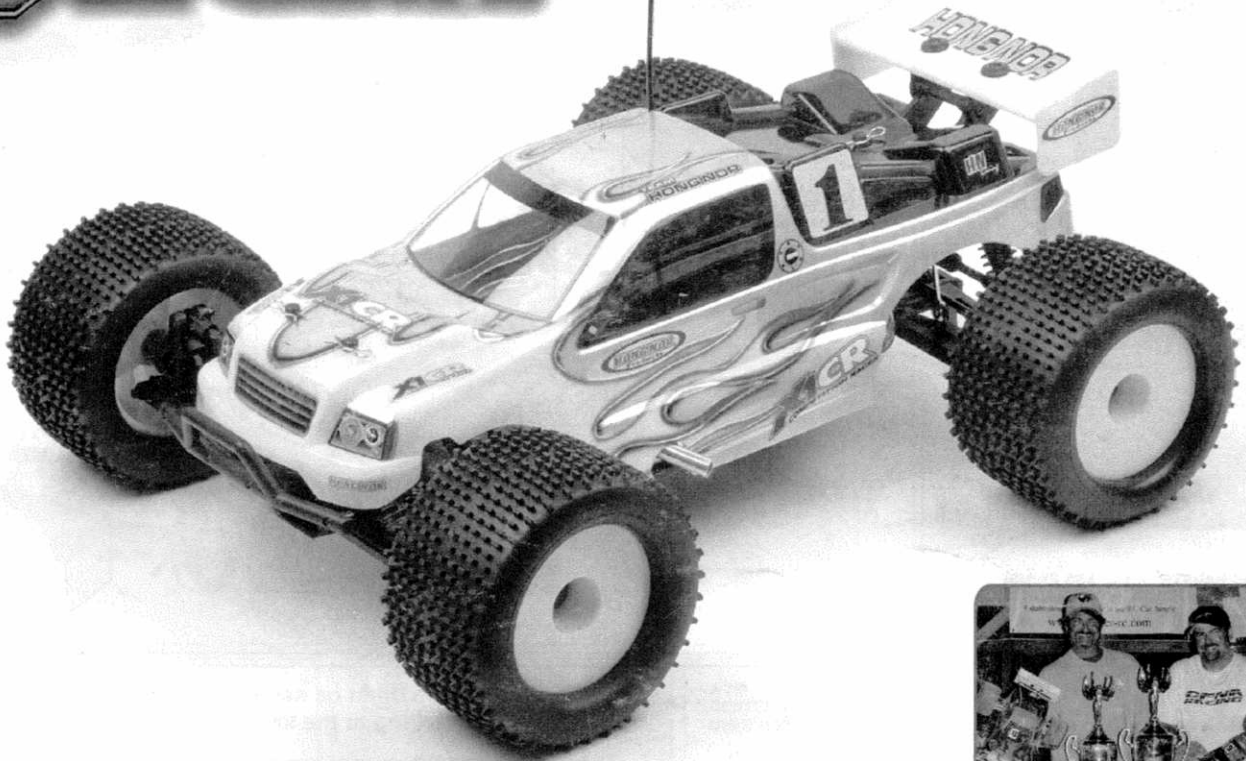


# X1CRT PRO



HIGH PERFORMANCE 1/8 SCALE NITRO POWERED OFF-ROAD TRUGGY

## INSTRUCTION MANUAL

組合說明書  
(職業版)



R.O.A.R Unlimited Monster Truck National Champion

### ALL HIGH PERFORMANCE PARTS INCLUDED IN X1CRT TRUGGY PRO VERSION

- CNC Machined 7075 long chassis (Hard-Coated).
- CNC Machined 7075 4mm front lower arm holder (Hard-Coated).
- CNC Machined 7075 4mm rear lower arm holder (Hard-Coated).
- CNC Machined 7075 front /rear lower arm block B Type.
- CNC Machined 7075 steering knuckle arm-L&R (Hard-coated).
- CNC Machined 7075 4mm front shock tower (Hard-Coated).
- CNC Machined 7075 4mm rear shock tower (Hard-Coated).
- CNC Machined 7075 rear toe-in plate-2.5 degree (Hard-Coated).
- CNC Machined 7075 center chassis brace (F&R)(Hard-Coated).
- Front lay-down steering servo for a lower CG.
- Long suspension geometry designed specifically to maximize performance.
- Carbon fiber radio tray.
- Carbon fiber front pate.
- Carbon fiber center diff. mount plate.
- Servo saver connecting plate (Hard-Coated).
- Light-weight 4mm cross pin axle for differential the gears.
- Front-kick up angle adjustable from 20 to 22 degrees.
- New design threaded type 13mm big bore shocks with 3.5mm shaft (F/R).
- New 3mm thick fiber glass brake discs (F/R).
- Servo saver alum. tube (Hard-Coated)
- Spring steel universal Joint (Rear).
- Spring steel universal Joint (Center/ F&R).
- Spring steel screw type hinge pins.
- Hard anodized aluminium fuel filter.
- Adjustable ackerman steering geometry design.
- 2.5 degree 4mm rear anti-squat plate.
- Front and rear camber using strong steel turnbuckles.
- Front and Rear camber can be fine tuned to suit your track conditions.
- 2.5mm anti-roll bar in front and 2.8mm in rear.
- Low profile engine mounts (Hard-Coated).
- Small 35mm 3 pin racing flywheel.
- Light-weight aluminium clutch shoes (Blue Anodized)
- New design light-weight dish wheels with 17mm hex.
- Secure transponder mount system.
- New design fuzzy monster tires(Traxxax Size).
- Drive gear ratio is optimized for .21 and .28 size race engines.
- 150CC fuel tank for longer run time.
- High flow 2 stage air filter for maximum engine protection and increased engine performance.
- PI-801 053 Polished 3 chamber In-Line pipe set.

#### ADDITIONAL PARTS NEEDED

- RADIO AND ELECTRONICS.
- 21-28 CLASS ENGINE.
- GLOW STARTER AND GLOW PLUGS.
- GLOW PLUG CROSS WRENCH.
- RC CAR FUEL (20%).
- FOR NON-PULL START ENGINES, YOU WILL NEED A 12V HAND HELD STARTER OR STARTER BOX.

#### THIS IS NOT A TOY!

- DO NOT USE WITH CHILDREN YOUNGER THAN 16 YEARS.
- MODEL PAINTING IF SPECIFIED IN THIS KIT.
- PAINT IS NOT INCLUDED.
- SOME KIT TYPES MAY OR MAY NOT INCLUDED .21 ENGINE.

#### 需另購物件

- \* 2動作搖控器與電子設備
- \* 21至28級引擎
- \* 火星塞
- \* 拆火星塞扳手
- \* 模型引擎用燃油
- \* 可充電點火夾
- \* 起動馬達或起動台

#### 本產品非一般玩具！

- 不適合16歲以下兒童使用。(不熟悉模型組裝使用者,請洽專業人仕指導)
- 模型用噴漆不包含在本套件內。
- 噴漆用品及工具不包含在本套件內。

# HN Racing

鴻諾企業有限公司  
HONG NOR ENTERPRISE CO.,LTD.

5F NO.181-2, CHUNG HSING ROAD,  
HSICHIH CITY, TAIPEI HSIEN,  
TAIWAN, R.O.C.

TEL: 886 2-2694-0345

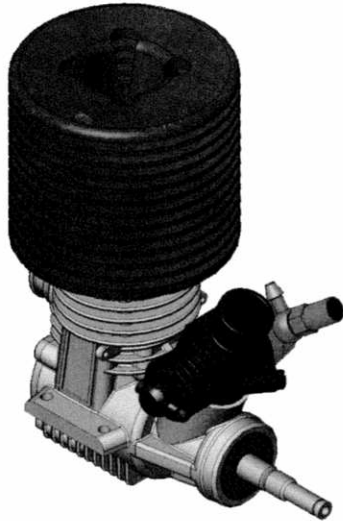
FAX: 886 2-2694-1632

www.hongnor.com

圖示產品有可能為試樣品,包裝內容以實際出貨為準。規格配備內容更改恕不另行通知。  
MODEL SHOWN MAY BE PROTOTYPE AND VERY SLIGHTLY FROM KIT. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

THINGS NEED BESIDES THE KIT

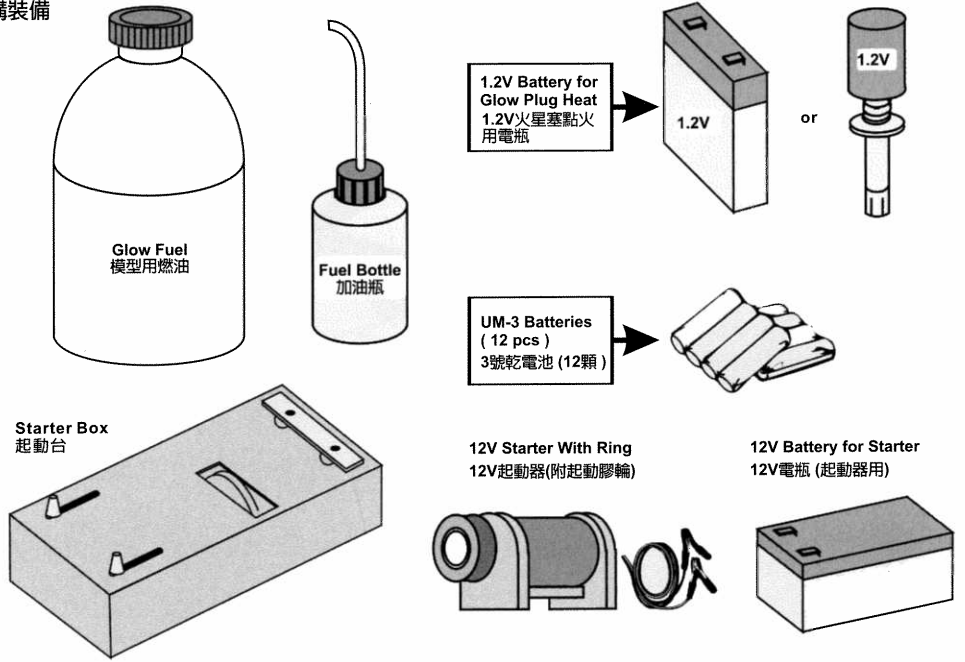
Note: The engine may not include in kit.  
引擎可能不包含在套件內



REAR EXHAUST 21~28 CLASS ENGINE

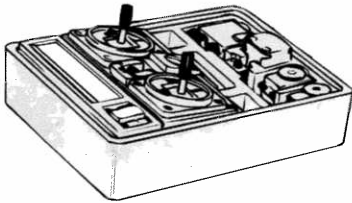
有關引擎使用及調整方式，請參照引擎工廠之手冊。

另購裝備



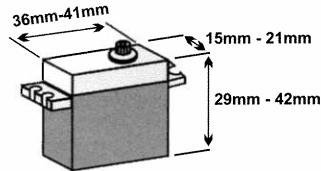
RADIO CONTROL UNIT 另購裝備

2動作遙控器組

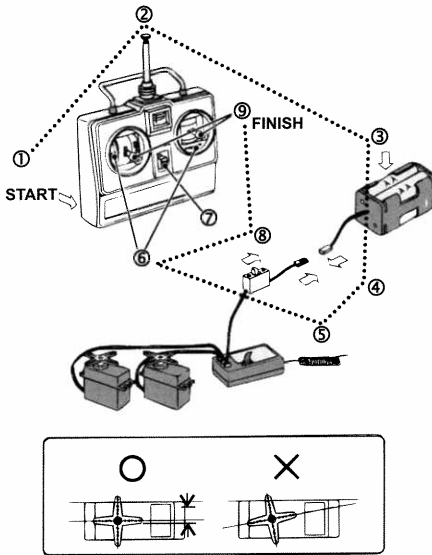


Careful read the instruction manual of your 2 channel radio controller before using.  
使用遙控器前請先仔細閱讀原廠說明書

SUITABLE SERVO SIZE  
伺服機適合尺寸



Radio must be set at neutral position before installing in the kit.



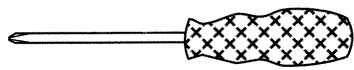
SEQUENCE TO SET NEUTRAL

遙控在組合前必需要設立中立點

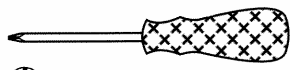
- |   |   |
|---|---|
| ① Install UM-3 batteries.   | 裝入 3 號乾電池(發射機用)                           |
| ② Extend the antenna.(Transmitter)  | 拉出天線                                      |
| ③ Install batteries .   | 裝入 3 號乾電池盒(接收機用)                          |
| ④ After installing the battery, connect the battery box.  | 連接電池盒至開關                                  |
| ⑤ Extend the antenna. (Receiver)  | 拉長接收機天線                                   |
| ⑥ Set the trim-level at center.   | 調整微調鈕至中央位置                                |
| ⑦ Turn on the switch. (Transmitter)   | 打開發射機電源                                   |
| ⑧ Turn on the switch. (Receiver)  | 打開接收機電源                                   |
| ⑨ Make sure the servos are in command.  | 確認伺服機的動作良好                                |
| ⑩ When the operation stick is in neutral, servo horns must be in neutral as will. (Adjustment can be made by re-installing the servo horn.) | 當遙桿位於中立點時，伺服盤必須在中立位置。<br>(折下同服盤可做調整中史位置。) |
| ⑪ Turn off the switch. (Receiver)   | 閉接收機電源                                    |
| ⑫ Turn off the switch. (Transmitter)  | 關閉發射機電源                                   |
| ⑬ Retract the antenna. (Transmitter)  | 收回發射機天線                                   |

TOOLS NOT INCLUDED IN KIT

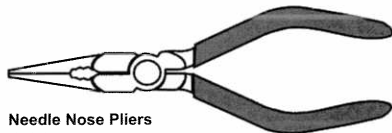
需使用之工具



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



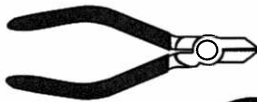
Phillips Type Screw Drivers ( S )  
小型十字螺絲起子



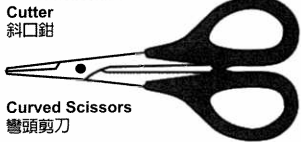
Needle Nose Pliers  
尖嘴鉗



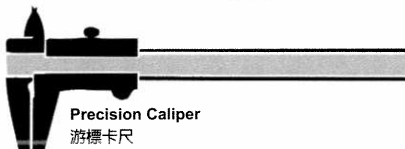
Knife  
美工刀



Cutter  
斜口鉗



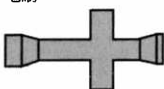
Curved Scissors  
彎頭剪刀



Precision Caliper  
游標卡尺



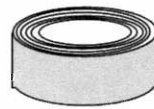
Brush  
毛刷



Cross Wrench  
六角起子



Instant Cement  
3秒瞬間膠水



Masking Tape  
紙膠帶



Paints  
模型用油漆

INCLUDED WITH KIT

套件內裝備



1.5mm Allen Wrench

1.5mm 內六角扳手

2mm Allen Wrench

2mm 內六角扳手

2.5mm Allen Wrench

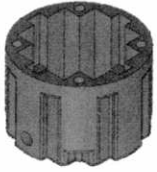
2.5mm 內六角扳手

4mm'5mm Allen Wrench

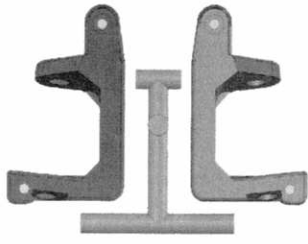
4mm'5mm 六角扳手

PLASTIC PARTS FOR USE 使用塑膠品

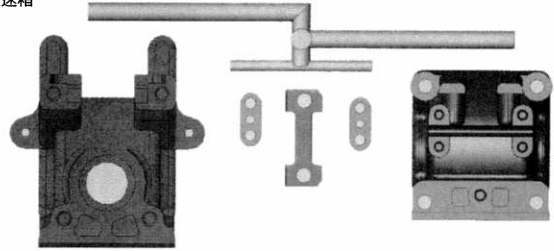
X1-38  
DIFF. CASE  
差速器殼



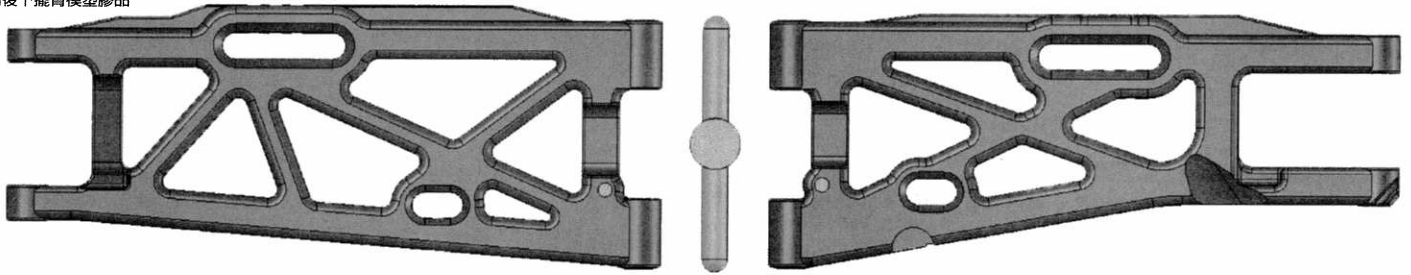
X1-36  
FRONT C HUB  
C型座



X1-33  
FRONT AND REAR GEAR BOX  
差速箱



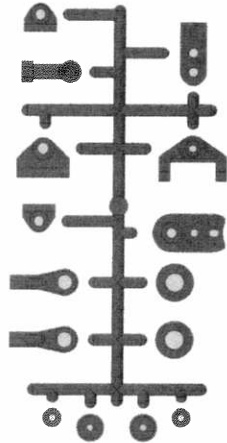
X1-35  
FRONT AND REAR LOWER ARM  
前後下擺臂模塑膠品



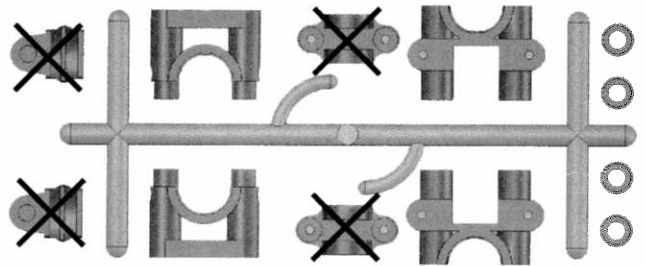
XT-17  
FRONT UPPER ARM  
前上擺臂模塑膠品



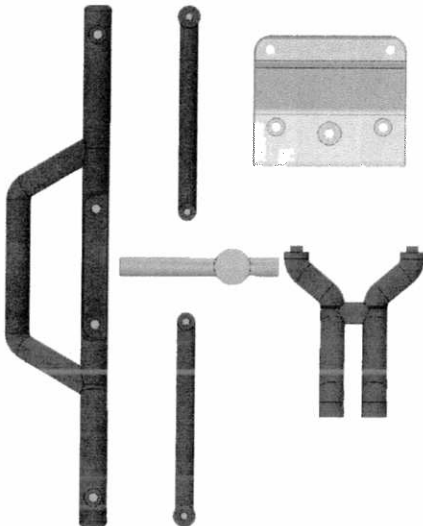
A-80B  
Throttle Linkage Plastic  
油門拉桿模塑膠品



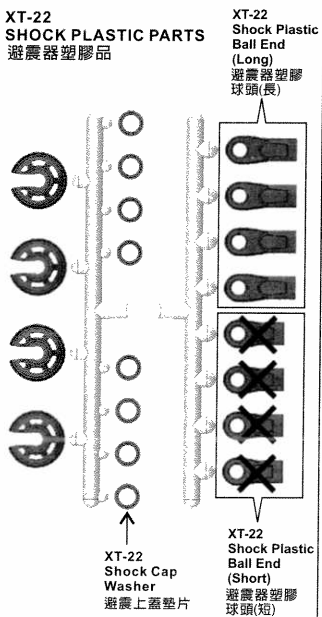
J-36  
CENTER DIFF. MOUNT PLASTIC PARTS  
中差座模塑膠品



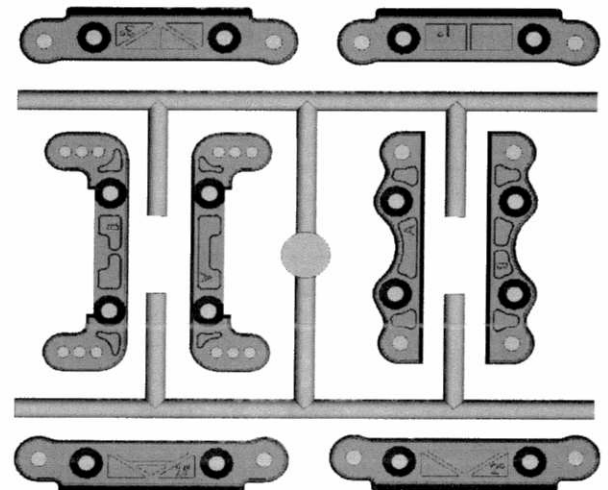
XT-19  
BUMPER  
防撞板模塑膠品



XT-22  
SHOCK PLASTIC PARTS  
避震器模塑膠品

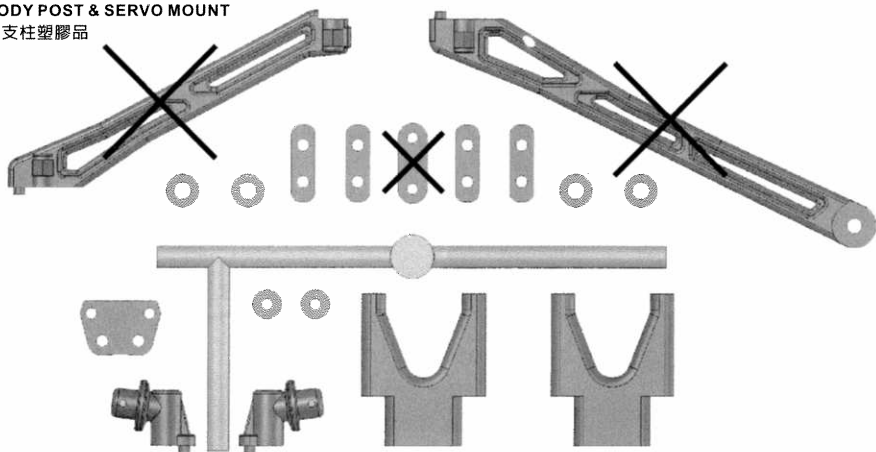


X1-34  
ARM HOLDER  
擺臂固定座模塑膠品

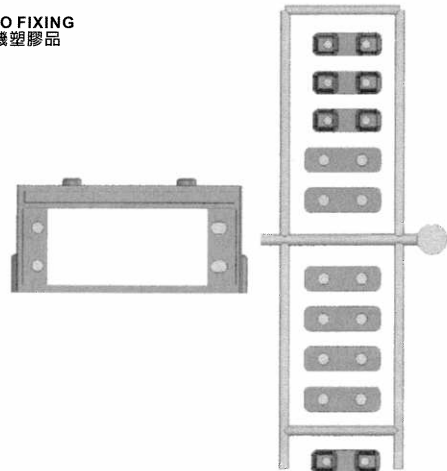


PLASTIC PARTS FOR USE 使用塑膠品

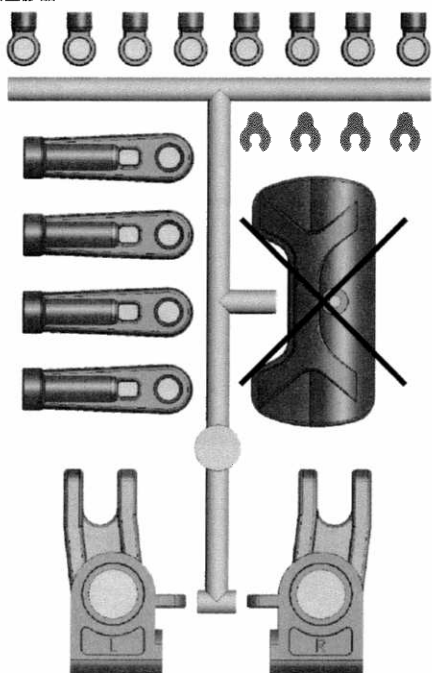
XT-20  
BODY POST & SERVO MOUNT  
中支柱塑膠品



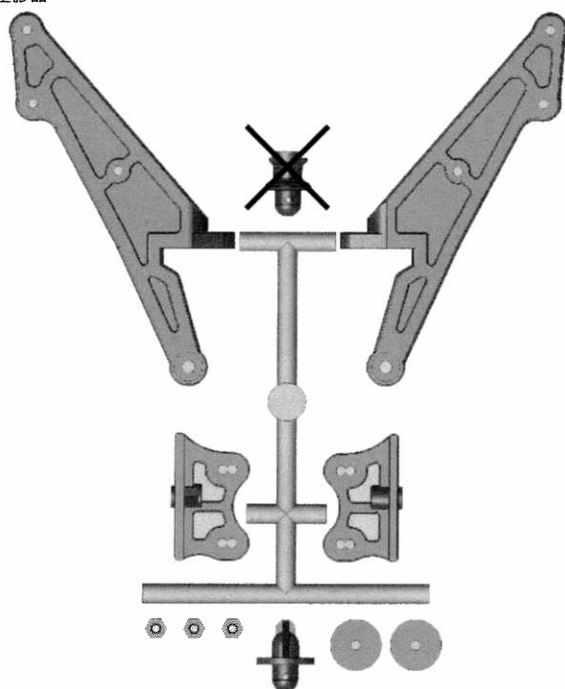
C-27  
SERVO FIXING  
伺服機塑膠品



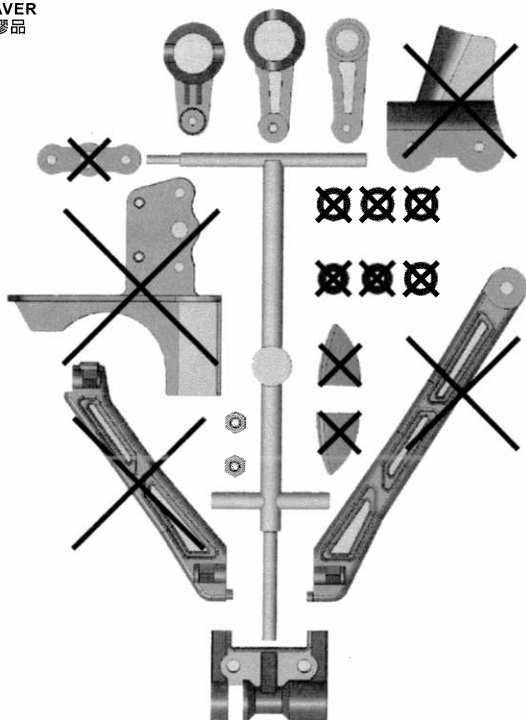
X1-40  
REAR UPPER RIGHT/FRONT BUMPER  
後上拉桿及防撞板塑膠品



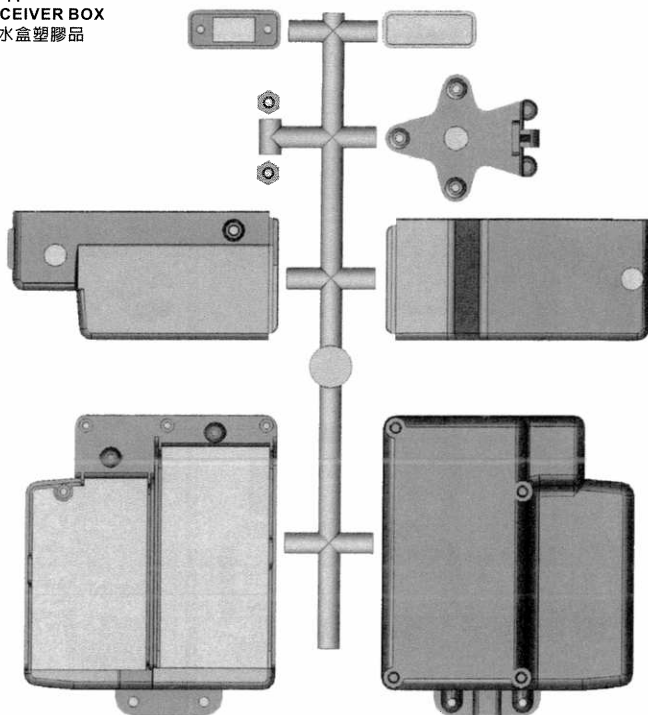
X1-42  
WIN STAY  
定風翼塑膠品



X1-39  
SERVO SAVER  
緩衝組塑膠品



X1-41  
RECEIVER BOX  
防水盒塑膠品



# 重要！操作前請先閱讀

遙控車在操作上雖好玩且容易，但如果想玩的更安全和更不一樣的體驗，請遵守以列幾點。另外，由於此模型車的時速超過40-50公里，如果不小心使用，可能會傷及他人。

## 1. 哪兒是適合操作的場地呢？

- ◎任何乾燥的空地。勿在水池或濕地。
- ◎勿在大街上，因為它可能會被行駛中的車輛輾過或碰撞而導致有所損傷。
- ◎勿在空間狹窄的地方操作；因為它的速度很快很容易碰撞物件。
- ◎勿駕駛於人群或動物旁；如您是非專業人士操作，他們都可能發生危險。
- ◎由於當它被啟動後會發出很大聲響，在操作前請先考慮其周圍的環境。
- ◎勿在晚上操作模型車，因可能視線不佳而導致它發生碰撞。
- ◎勿在室內操作；因為發動引擎後所排出的廢氣對人體有害。

## 2. 燃油

- ◎它是有害身心的
- ◎它是易燃的
- ◎別讓它從油瓶溢出
- ◎勿將其他非專業燃油放入引擎中。

## 3. 第一次發動引擎

注意！  
在您發動引擎前請先確認以下幾點：

- ◎將主油針設定在3圈位置（富油狀態）。
- ◎別獨自一人組裝，請找位有經驗的朋友幫忙一起完成。
- ◎裝滿油箱試著別溢出油箱於容器上。
- ◎遲些將模型車放置地面上，避免一開始它亂跑。
- ◎發動引擎前，請先確認無線電設備是否已連結。
- ◎發動引擎前，請先打開遙控發射機和接收器的電源，並檢查各項連結桿。
- ◎需要安裝空氣濾清器在化油器上，使其不被弄髒。

## 4. 磨合引擎

- ◎閱讀引擎製造商說明書。
- 5. 緊急停止正發動中的引擎
- ◎移除空氣濾器和堵住化油器的引入口。
- ◎握緊油管直到引擎停止。
- ◎用破布等填塞物，堵住廢氣排放口。

## 6. 操作後之收藏動作

- ◎移除油箱和油管中的燃油。
- ◎關閉模型車上的無線電。
- ◎滴入少許保養油於引擎中，以免它生鏽。
- ◎用去污布擦去底盤上的油污。

## 7. 叮嚀注意事項

- ◎此模型車並非一般玩具，操作時至少二人，一為操作者，一為監督者。
- ◎溫度過高的零件－如排氣管、引擎等，勿用手觸碰，以免燙傷。
- ◎運轉中的零件－如車輪、齒輪和引擎等，勿用動手去調整。
- ◎無線電－在操作前先檢查電池的電量，當電量不足時，將不能完全控制油門及剎車或行進方向。此刻請立即停駛，並換上新電池。如果不立即改善，將導致人體受傷或車子受損；我們極力建議裝配“防暴走”裝置在你的車上。
- ◎燃料油－勿讓油溢出瓶口；因為它的成份中含有甲醇和甲烷皆為易燃物且一旦吸入是有害健康的。

油品應當置放於低溫且通風的地方，並貼上”小心使用”的標籤。

- ◎車子上的油箱－在操作後，別存留油於油箱中，如不慎流出會破壞引擎。
- ◎平時不操作模型車時，必要將關閉車上電源，然後關閉遙控器。
- ◎如果車子因無法控制以致損壞，將導致不在保證之內。

忽略閱讀磨合引擎的相關說明，將會失去保證條款。

# IMPORTANT-READ THIS BEFORE RUNNING

Running nitro kit is fun and easy, but to make this a safe and good experience you must observe a few rules. This kit is extremely fast, easily over 40MPH, and can seriously injure someone if you are not careful.

## 1. Where to run car?

- ⊙ Any running area you choose must be dry. Do not run car near any water or wet dirt.
- ⊙ Do not run on public streets. It is very easy to have the car run over or damaged by hitting the curb.
- ⊙ Do not operate the car in tight confined places. The car is very fast and will easily hit something.
- ⊙ Do not run near people or animals. The car is very fast and could easily hit someone if you are not an expert driver.
- ⊙ Do to noise, you will want to consider the surrounding area when operating the car.
- ⊙ Do not operate the car at night. You will not be able to drive it without hitting something.
- ⊙ Do not operate the car indoors. Engine exhaust is not healthy.

## 2. Glow Fuel

- ⊙ Glow fuel is poisonous!
- ⊙ Glow fuel is flammable!
- ⊙ Do not leave in fuel bottle with lid off at any time.
- ⊙ Do use any fuel other than glow fuel in this engine.

## 3. First Time Starting the Engine

### Caution!

**When starting engine make sure the following is observed.**

- ⊙ Set engine Master needle to 3 turns (rich setting)
- ⊙ Do not do this alone, get an experienced friend to help at first.
- ⊙ Fill fuel tank, try not to spill fuel. Do not spill fuel on receiver.
- ⊙ Hold car off the ground, so it will not runaway when first starts.
- ⊙ Turn on Radio and check the linkage before starting engine.
- ⊙ Turn on car receiver battery switch.
- ⊙ Always have an air filter on the carburetor to keep dirt out.

## 4. Engine Break-in

- ⊙ See section.

## 5. Emergency Stopping Engine When Running

- ⊙ Remove air filter and cover carb. intake.
- ⊙ Squeeze fuel line and hold until engine stops.
- ⊙ With a rag, cover exhaust outlet.

## 6. Storing Car After Running

- ⊙ Remove fuel from tank and fuel lines
- ⊙ Turn off radio in car
- ⊙ Put a few drops of after run in engine to keep it from rusting.
- ⊙ Clear oil and dirt from chassis with a degreaser.

## 7. Precautions

- ⊙ This kit is not a toy. Always run car with a second person as a spotter and pitman.
- ⊙ Hot Parts-The pipe, manifold, engine and head are very hot and will cause burns.
- ⊙ Rotating Parts-Keep hands away from the drive train, wheels and engine is running.
- ⊙ Radio-Check battery life before running the car. If radio does not have full control of the car with steering and/or throttle/brake, do not run until corrected. Failure to correct this will result in possible injury and damage to the car or property. We strongly recommend using a Failsafe.
- ⊙ Glow fuel-Do not leave the glow fuel unattended with the lid off. Fuel contains Methanol and Nitro Methane and is flammable and poisonous.

**Store fuel in cool ventilated location. Refer to the glow fuel label for additional precautions.**

- ⊙ Fuel tank in the car-Never store fuel in car tank, it will ruin the engine if left in tank.
- ⊙ Always turn off the car before turning off radio.
- ⊙ DAMAGE DUE CAR RUN AWAY IS NOT A WARRANTY ISSUE .

**IF YOU DO NOT BREAK-IN ENGINE CORRECTLY, AT LOW-MID RPM, YOU WILL BREAK THE CONNECTING ROD!**

**FAILURE TO READ AND FOLLOW BREAK-IN ENGINE INSTRUCTIONS WILL VOID WARRANTY!**

# OPERATING YOUR MODEL SAFELY 安全的操作說明

## 操作前 Before Running

Your radio control model can move at high speed and therefore can cause injury to people or damage property. It is your responsibility to operate your model safely.

你所駕駛的遙控模型車的速度是很快，因此很容易會導致人或財物的損失，所以操作者需負責其安全性。

For radio equipment, refer to the manual included with the radio.

無線電設備，包含了模型車上的接收器和遙控器。

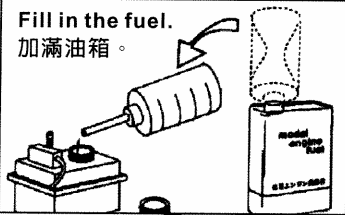
Check that all screws and nuts are tight.

確認所有的螺絲是否已全部鎖緊。

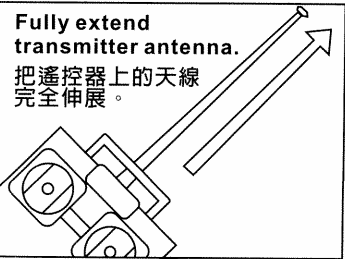
If the model begins to operate by itself, there is someone else on your frequency. Do not try to operate your model under these conditions for it may go out of control.

如果一開始模型車不受你所控制時，可能是受到另一個頻率干擾到，在這種情況下，請別一再嘗試去控制你的模型車，以免它失控。

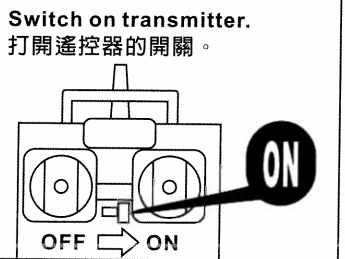
Fill in the fuel.  
加滿油箱。



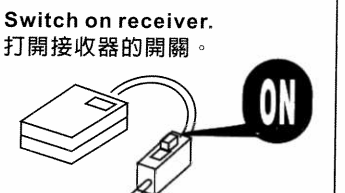
Fully extend transmitter antenna.  
把遙控器上的天線完全伸展。



Switch on transmitter.  
打開遙控器的開關。



Switch on receiver.  
打開接收器的開關。

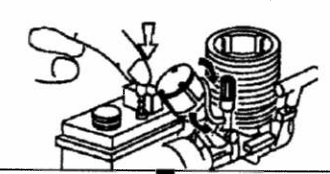


## 啟動引擎 Engine Start-Up

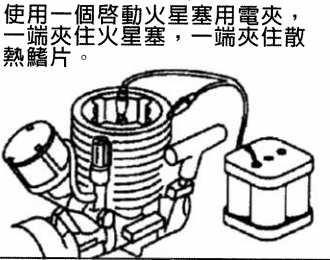
For engine use, refer to the manual included with the engine.  
閱讀其引擎說明書。



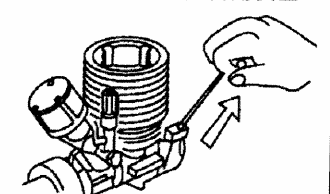
To prime the engine with fuel, press down the primer button.  
首先，裝填引擎燃料，再按下進油幫浦（如果有此裝備）。



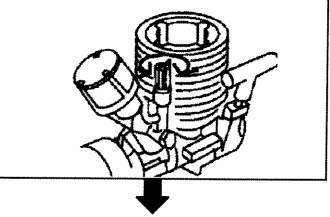
Attach one clip to the glow plug's end and the other clip to one of the cylinder cooling fins.  
使用一個啟動火星塞用電夾，一端夾住火星塞，一端夾住散熱片。



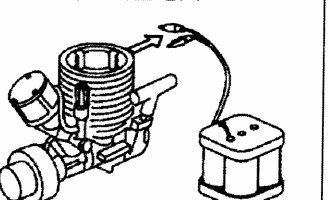
Quickly pull the starter rope (to start the engine).  
快速拉動引擎的手拉啟動裝置。



Adjust by screwing the needle little by little.  
以順時針方向逐漸地微調油針。

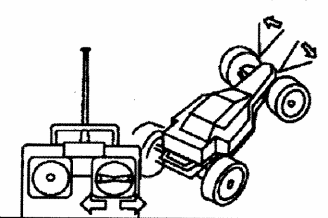


Remove the clips from the engine.  
移去起動火星塞電夾。

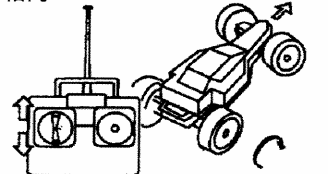


## 操作時 While Running

Check that the model turns in proportion to the amount you move the steering control of the transmitter.  
試跑遙控車的行進方向是否和你操作的遙控器左右方向相同。

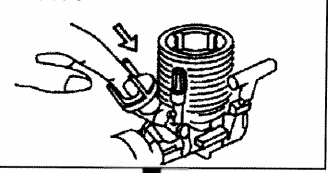


Check that the speed of the model changes in proportion to the amount you move the speed control of the transmitter.  
試跑遙控車的行進方向是否和你操作的遙控器前後方向相同。

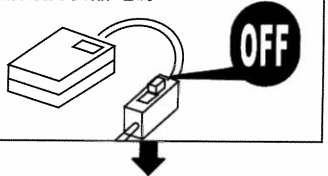


## 操作後 After Running

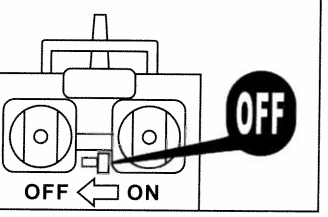
By pushing with your fingers the air cleaner, interrupt the engine  
用手指壓下空氣濾清器，可以中斷引擎。



Switch off receiver.  
關閉接收器電源



Switch off transmitter.  
關閉遙控器的電源。



Proper maintenance extends the life of the model.  
正確的保養可延長模型車的壽命。

Use genuine parts.  
使用原廠零件。

## 安全注意事項 Cautions for Safety

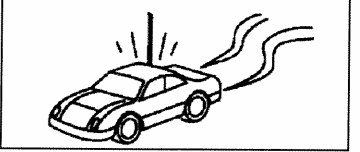
Do not run your model through water. This may cause rust or electrical problems.

勿駕駛遙控車接近水池或溼地。此行為會導致引發電子零件故障！



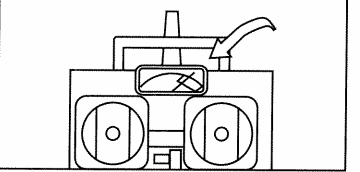
If model does not operate correctly stop it and find the cause.

如果遙控車有不正確表現，請停止操作，並立即檢查原因。



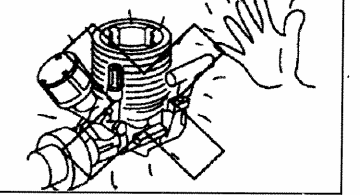
Check the batteries.

確認發射機電力是否充足。

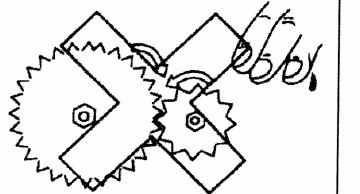


After each run, the model is hot. Beware of getting burned.

每次行駛都將導致引擎在高溫中，請勿用手觸摸引擎，以免燙傷。

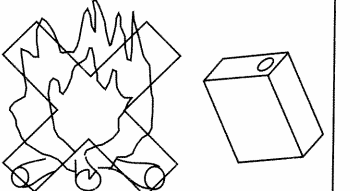


Keep hands and tools away from moving parts.  
勿用手碰觸運轉中的零件。



Never throw burning, gleaming or smouldering things into fuel cans even if these happen to be empty.

This is very dangerous to life!!  
各種油類需要遠離火源。



# 1 ASSEMBLY OF THE FRONT AND REAR DIFF. 前後差速齒輪組合

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

**Step 1**

- J-03B 2.5x13.8mm Pin 滾針 .....X2
- 4x4mm Set Screw 止付螺絲 .....X1
- J-03A P6 O-Ring P6 O環 .....X2
- #267D 8x16mm Ball bearing 培林 .....X2

**Step 2**

- X1-13 Diff. Gear (Large) 差速齒(大)
- J-03A P6 O-Ring P6 O環
- X1-17 43T Large Bevel Gear 43T大齒齒
- J-03B 2.5x13.8mm Pin 滾針
- #267D 8x16mm Ball bearing 培林
- X1-14 Cap Joint 差速接杯

# 2 ASSEMBLY OF THE FRONT AND REAR DIFF. 前後差速齒輪組合

**Step 1**

- A-77G 4x10mm Washer 墊片 .....X4
- 3x12mm Flat Head Hex Screw 皿頭內六角螺絲 .....X4
- #363 4mm Alum. Cross Pin 4mm 鋁十字軸心 .....X2

**Step 2**

- 3x12mm Flat Head Hex Screw 皿頭內六角螺絲
- J-03C Diff. Gasket 差速器墊片

\*Put the Diff. Oil #5000 for front and for rear.  
\*Fill the Diff. case to approx. 80% with the Diff. Oil  
\*前後差速器請使用#5000差速油注滿80%即可

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

**Step 1**

- J-03B 2.5x13.8mm Pin 滾針 .....X2
- 4x4mm Set Screw 止付螺絲 .....X1
- J-03A P6 O-Ring P6 O環 .....X2
- #267D 8x16mm Ball bearing 培林 .....X2

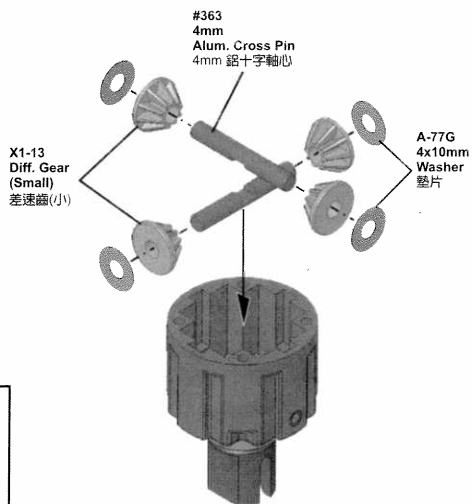
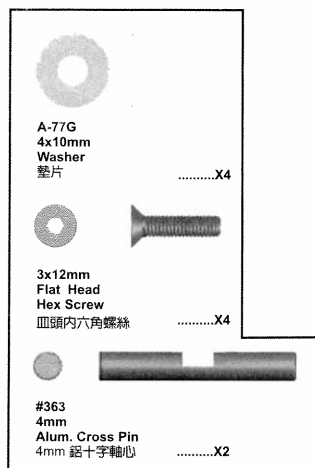
**Step 2**

- X1-13 Diff. Gear (Large) 差速齒(大)
- J-03A P6 O-Ring P6 O環
- XT-07 62T Spur Gear 62T大直齒
- J-03B 2.5x13.8mm Pin 滾針
- #267D 8x16mm Ball bearing 培林
- X1-15 Break Cap Joint 差速接杯

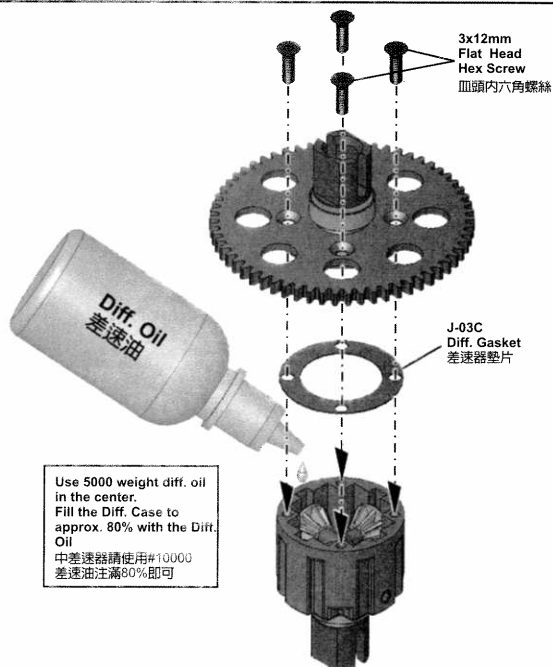


#### 4 ASSEMBLY OF THE CENTER DIFF. 中央差速齒輪組合

Step 1

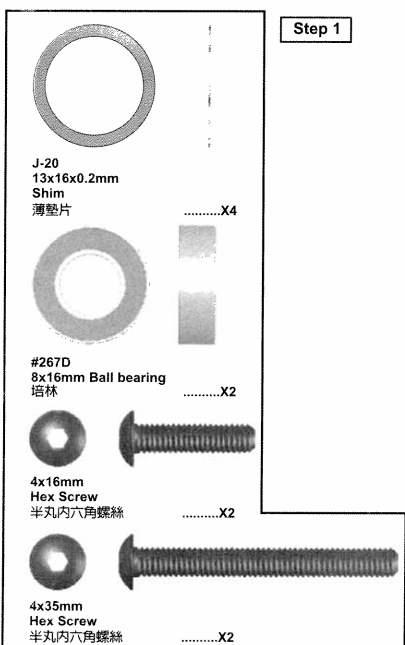


Step 2

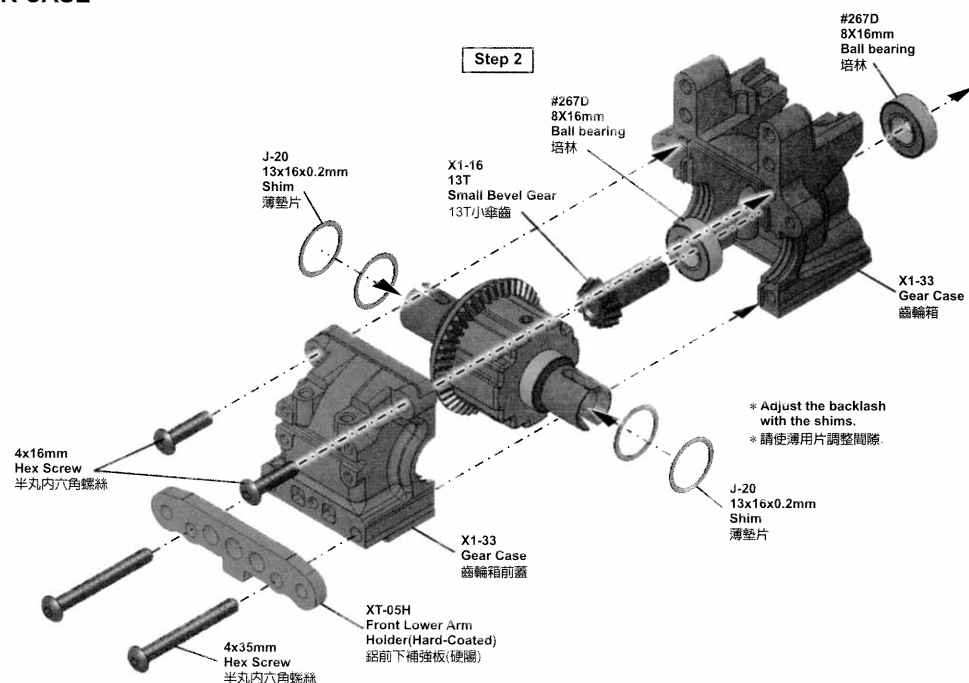


#### 5 ASSEMBLY OF THE FRONT GEAR CASE 前齒輪箱組合

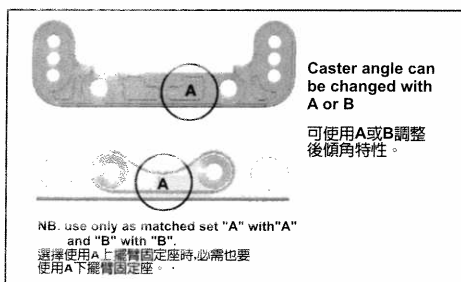
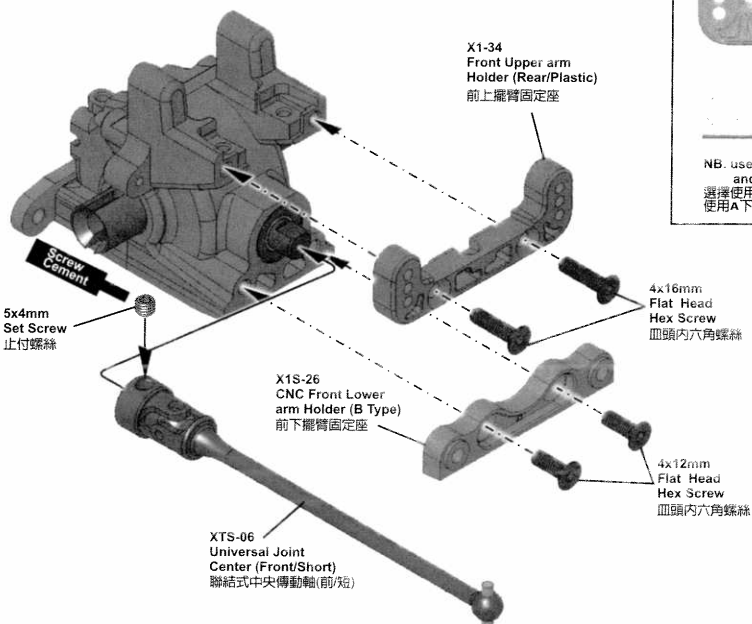
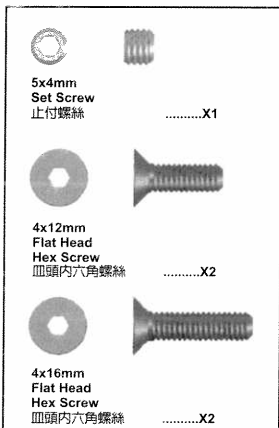
Step 1



Step 2

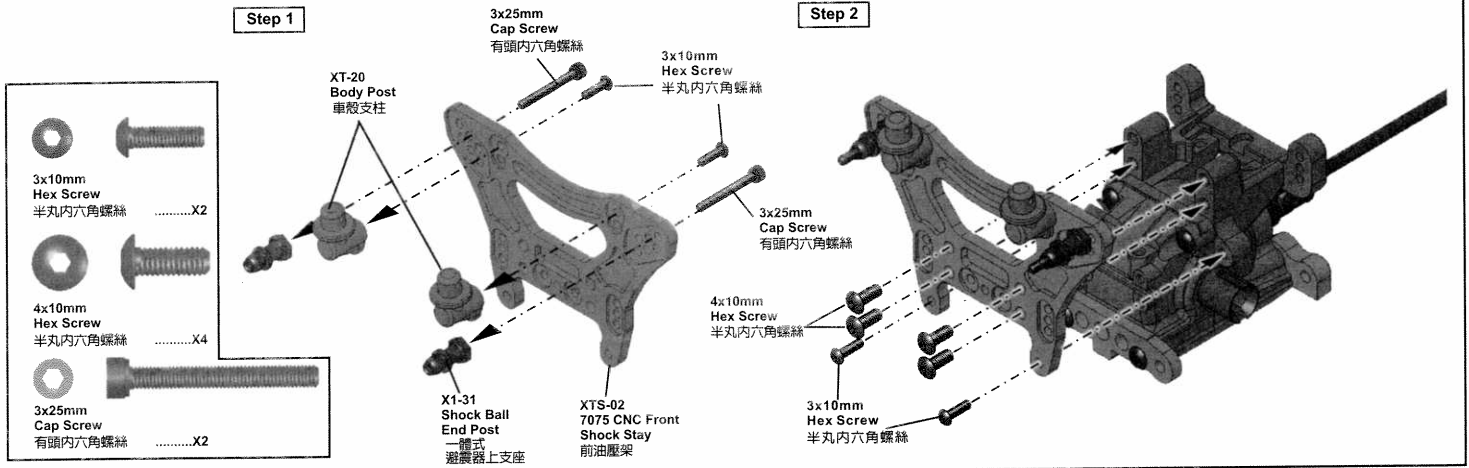


#### 6 ASSEMBLY OF THE FRONT ARMS HOLDER 前擺臂固定座組合

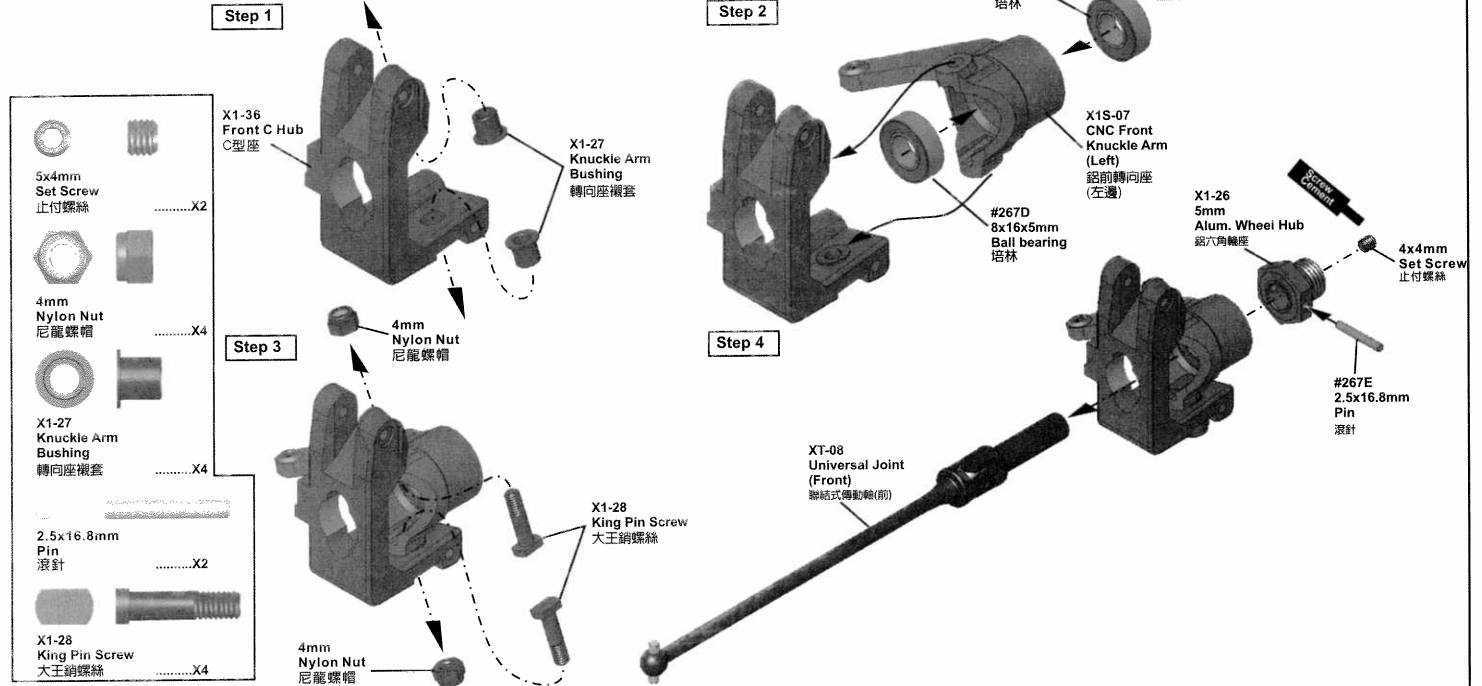


	Steering Characteristics 轉向特性
<p>(A) Caster (High/22 Degree) 後傾角 (大/22度)</p>	Steering response becomes milder. 轉向反應較為中性
<p>(B) Caster (Low/20 Degree) 後傾角 (小/20度)</p>	Steering response becomes quicker. 轉向反應較為快速

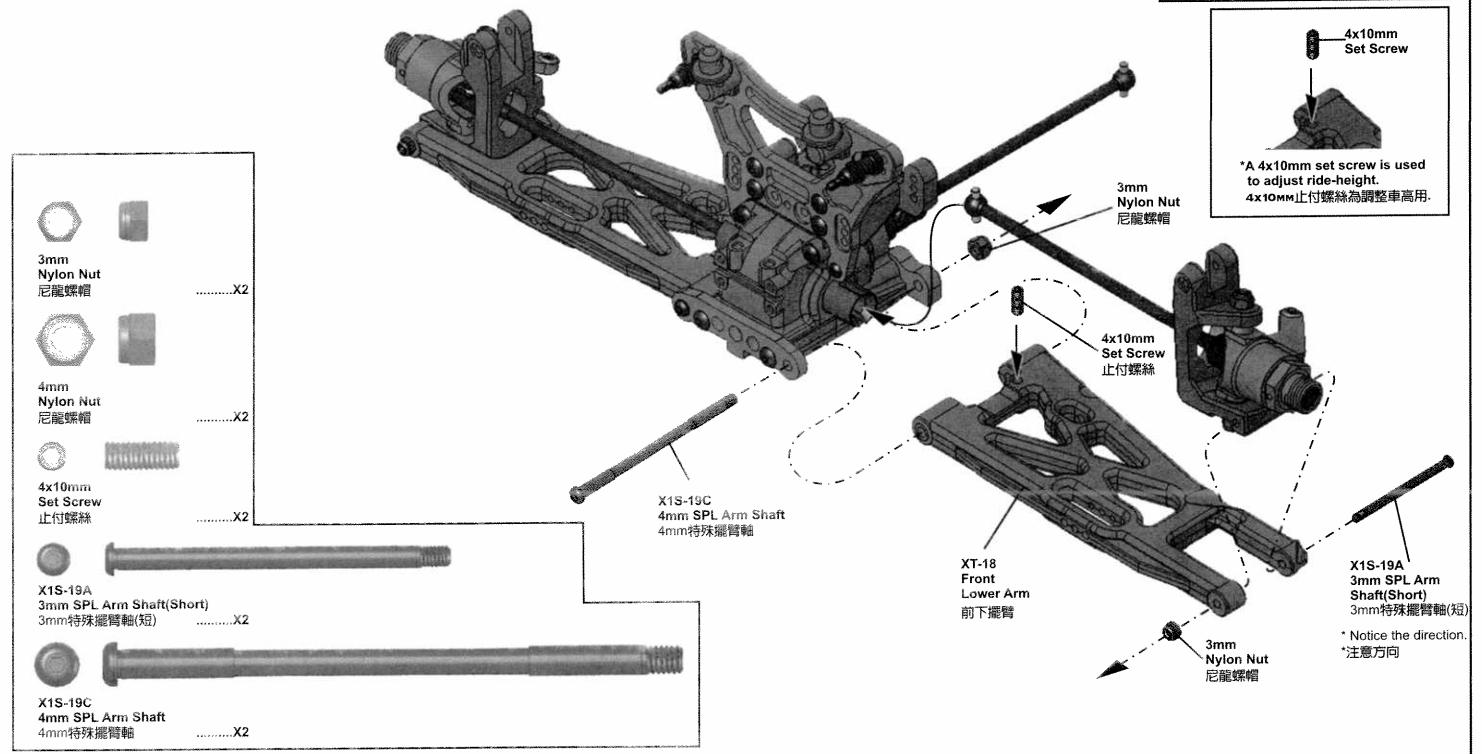
## 7 ASSEMBLY OF THE FRONT SHOCK STAY 前油壓架組合



## 8 ASSEMBLY OF THE KNUCKLE ARMS 轉向座組合

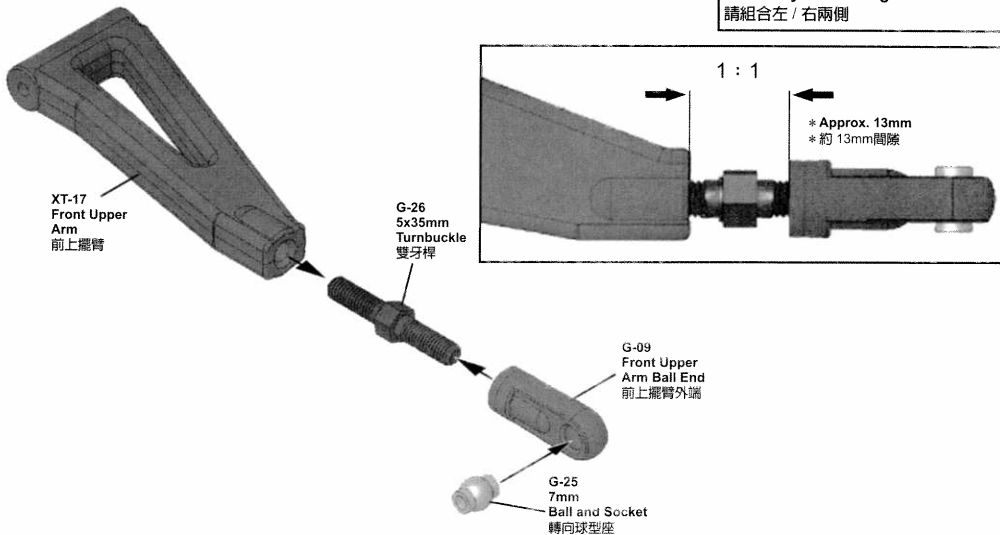
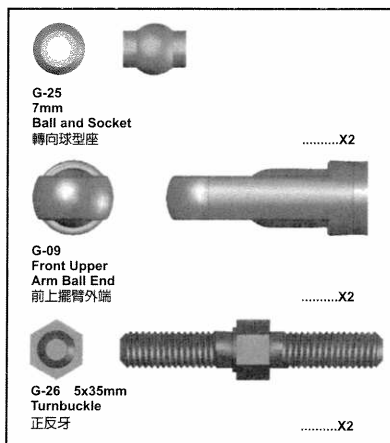


## 9 ASSEMBLY OF THE FRONT SUSPENSION ARMS 前懸吊系統組合



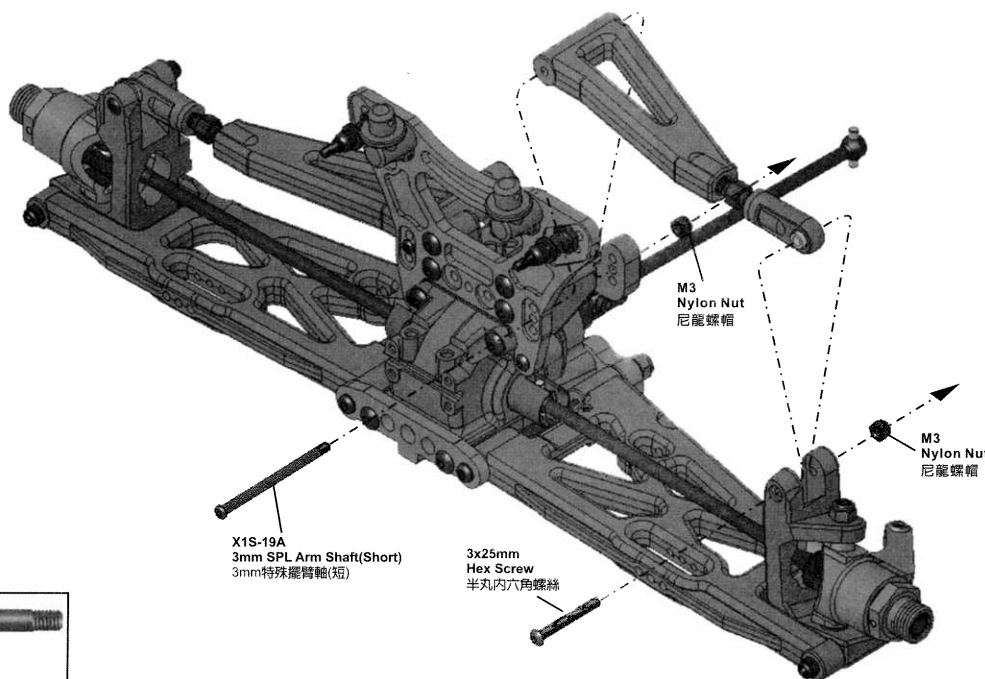
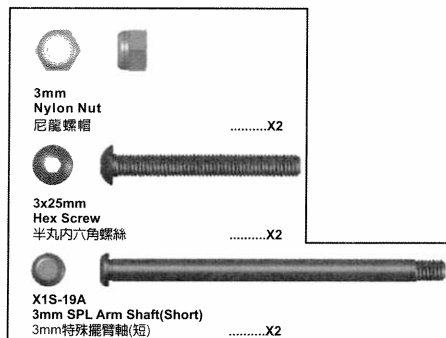
## 10 ASSEMBLY OF THE FRONT UPPER ARMS 前上擺臂組合

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



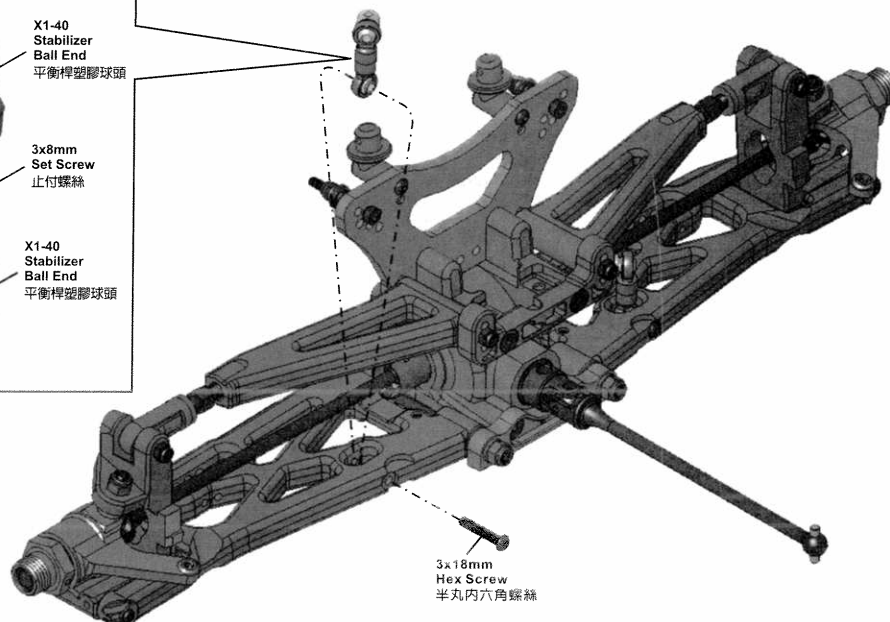
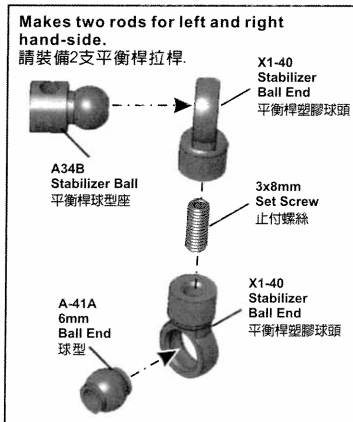
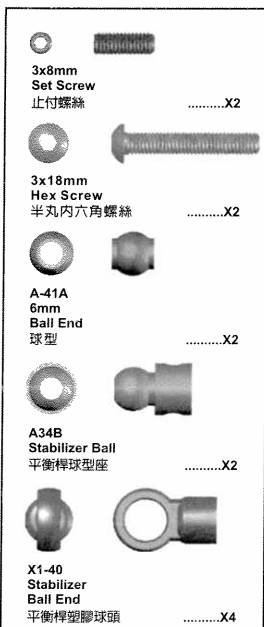
## 11 ASSEMBLY OF THE FRONT SUSPENSION ARMS 前懸吊系統組合

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

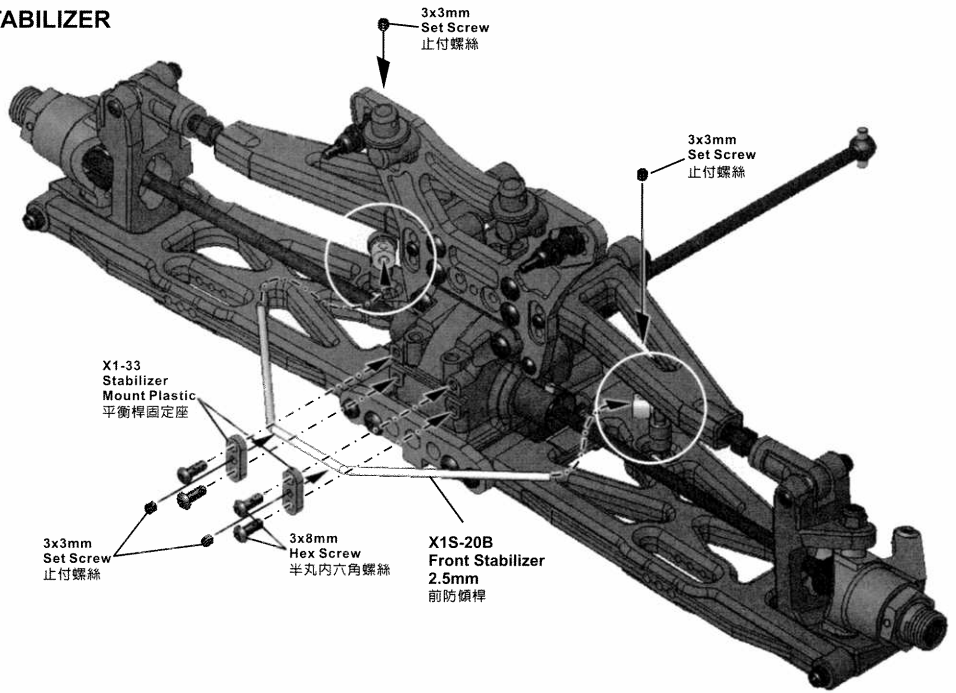


## 12 ASSEMBLY OF THE FRONT STABILIZER 前平衡桿組合

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

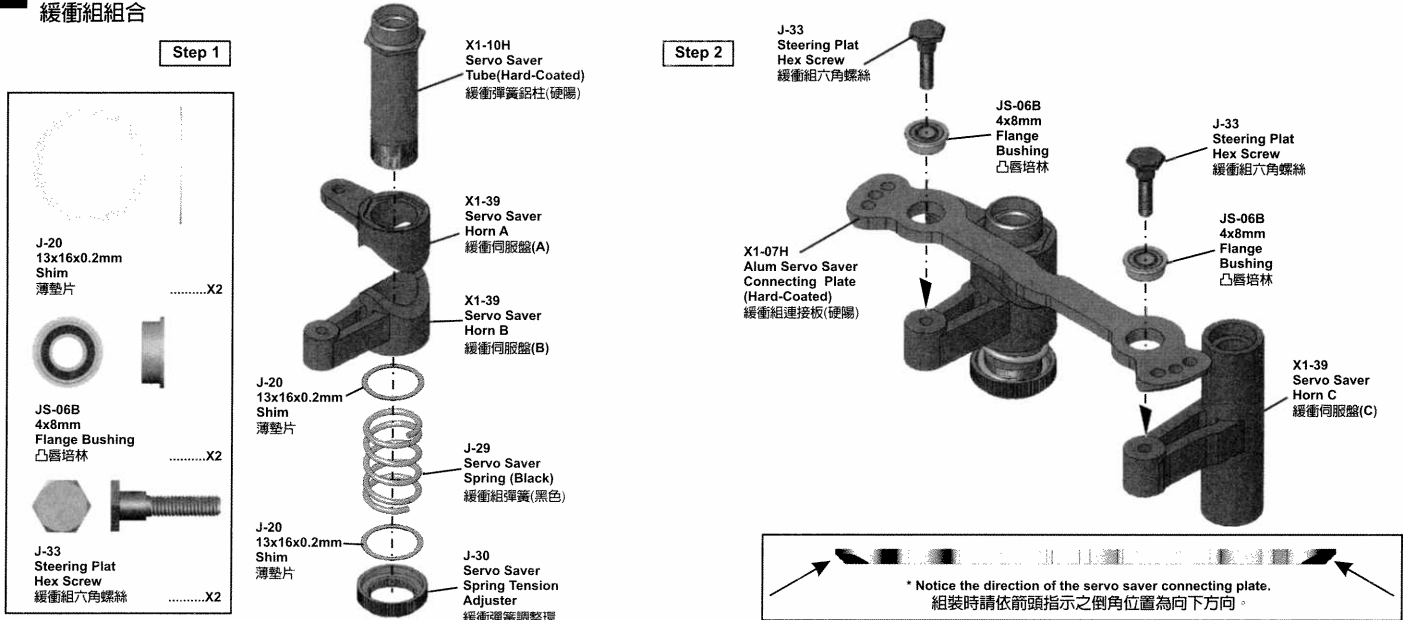


### 13 ASSEMBLY OF THE FRONT STABILIZER 前平衡桿組合

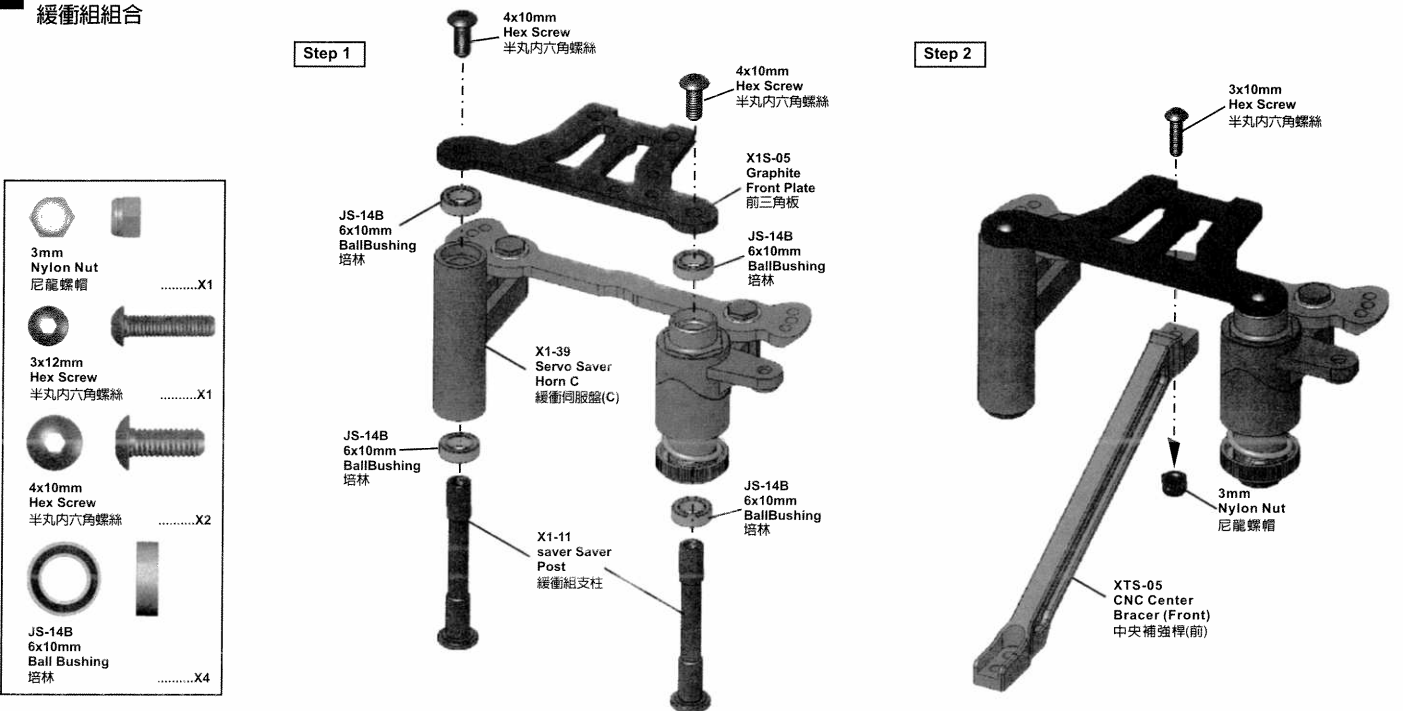


- 3x3mm Set Screw 止付螺絲 .....X4
- 3x8mm Hex Screw 半丸內六角螺絲 .....X4

### 14 ASSEMBLY OF THE SERVO SAVER 緩衝組組合



### 15 ASSEMBLY OF THE SERVO SAVER 緩衝組組合



- 3mm Nylon Nut 尼龍螺帽 .....X1
- 3x12mm Hex Screw 半丸內六角螺絲 .....X1
- 4x10mm Hex Screw 半丸內六角螺絲 .....X2
- JS-14B 6x10mm Ball Bushing 培林 .....X4

## 16 ASSEMBLY OF THE STEERING TIE-ROD 轉向拉桿組合

**Step 1**

Makes two steering rods for left and right hand-side.  
請裝備2支轉向拉桿。

**Step 2**

Assembly both right and left side  
請組合左 / 右兩側

## 17 ASSEMBLY OF THE AND THE SERVO SAVER 轉向拉桿組合

**Step 1**

Makes two servo saver rods for left and right hand-side.  
請裝備2支轉向拉桿。

**Step 2**

Assembly both right and left side  
請組合左 / 右兩側

## 18 ASSEMBLY OF THE REAR GEAR CASE 後齒輪箱組合

**Step 1**

Makes two gear case covers for left and right hand-side.  
請裝備2支齒輪箱前蓋。

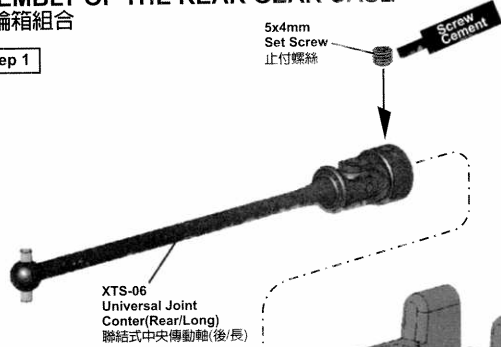
**Step 2**

Assembly both right and left side  
請組合左 / 右兩側

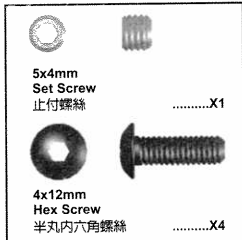
## 19 ASSEMBLY OF THE REAR GEAR CASE

後齒輪箱組合

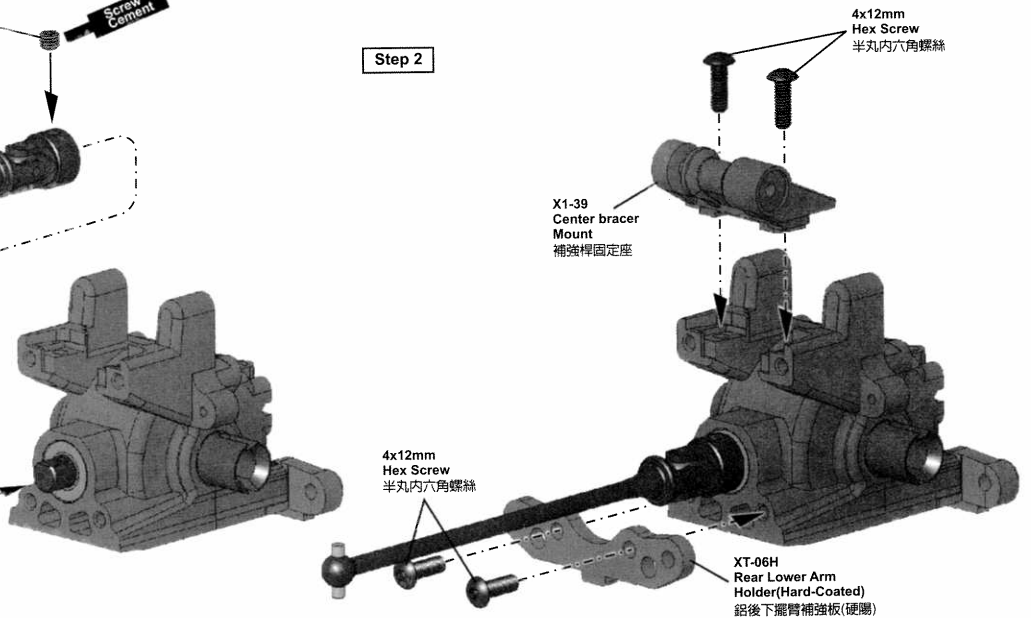
Step 1



XTS-06  
Universal Joint  
Center(Rear/Long)  
聯結式中央傳動軸(後/長)



Step 2



X1-39  
Center bracer  
Mount  
補強桿固定座

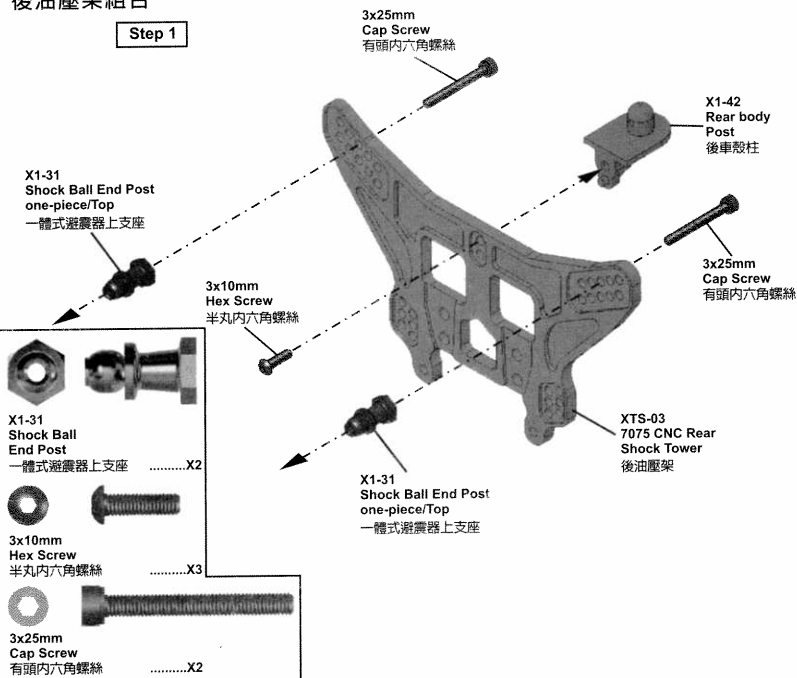
4x12mm  
Hex Screw  
半丸內六角螺絲

XT-06H  
Rear Lower Arm  
Holder(Hard-Coated)  
鋁後下擺臂補強板(硬噴)

## 20 ASSEMBLY OF THE REAR SHOCK STAY

後油壓架組合

Step 1



X1-31  
Shock Ball End Post  
one-piece/Top  
一體式避震器上支座

3x10mm  
Hex Screw  
半丸內六角螺絲

3x25mm  
Cap Screw  
有頭內六角螺絲

X1-42  
Rear body  
Post  
後車殼柱

3x25mm  
Cap Screw  
有頭內六角螺絲

XTS-03  
7075 CNC Rear  
Shock Tower  
後油壓架

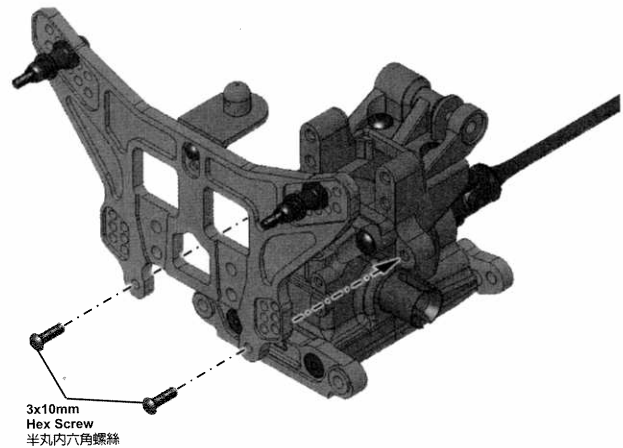
X1-31  
Shock Ball End Post  
one-piece/Top  
一體式避震器上支座

X1-31  
Shock Ball  
End Post  
一體式避震器上支座 .....X2

3x10mm  
Hex Screw  
半丸內六角螺絲 .....X3

3x25mm  
Cap Screw  
有頭內六角螺絲 .....X2

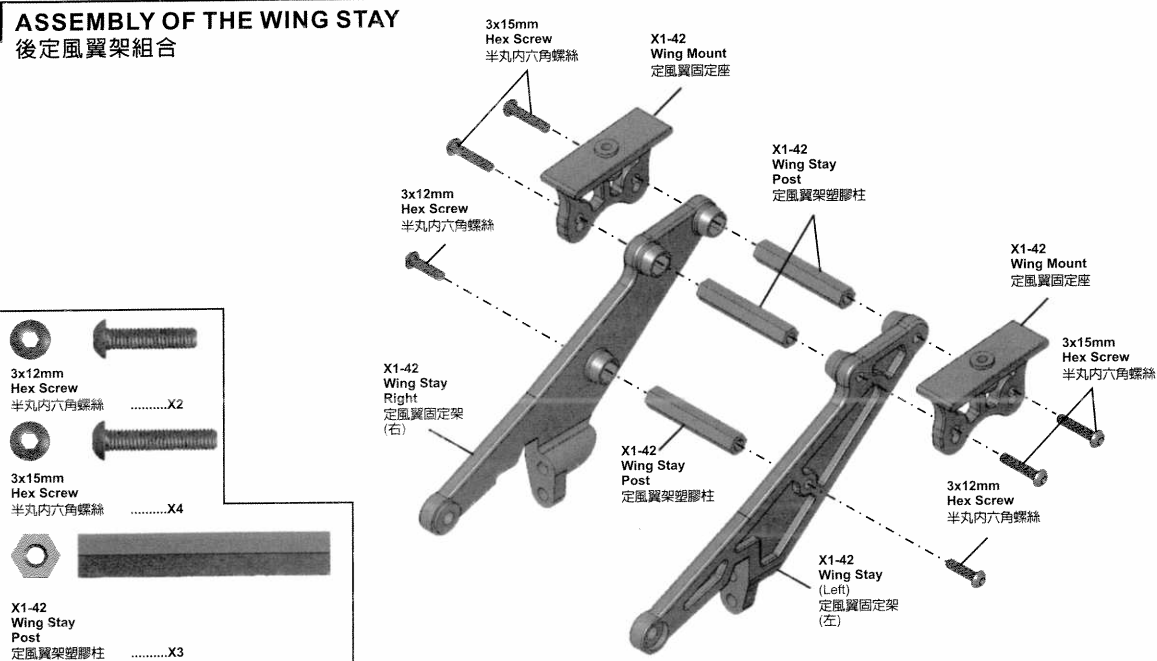
Step 2



3x10mm  
Hex Screw  
半丸內六角螺絲

## 21 ASSEMBLY OF THE WING STAY

後定風翼架組合



3x15mm  
Hex Screw  
半丸內六角螺絲

X1-42  
Wing Mount  
定風翼固定座

3x12mm  
Hex Screw  
半丸內六角螺絲

X1-42  
Wing Stay  
Post  
定風翼架塑膠柱

X1-42  
Wing Mount  
定風翼固定座

3x15mm  
Hex Screw  
半丸內六角螺絲

X1-42  
Wing Stay  
Right  
定風翼固定架  
(右)

X1-42  
Wing Stay  
Post  
定風翼架塑膠柱

3x12mm  
Hex Screw  
半丸內六角螺絲

X1-42  
Wing Stay  
(Left)  
定風翼固定架  
(左)

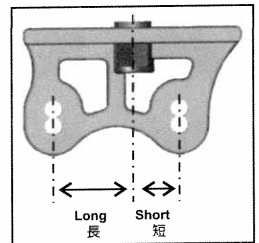
3x12mm  
Hex Screw  
半丸內六角螺絲 .....X2

3x15mm  
Hex Screw  
半丸內六角螺絲 .....X4

X1-42  
Wing Stay  
Post  
定風翼架塑膠柱 .....X3

X1-42  
Wing Stay  
Post  
定風翼架塑膠柱 .....X3

X1-42  
Wing Stay  
Post  
定風翼架塑膠柱 .....X3

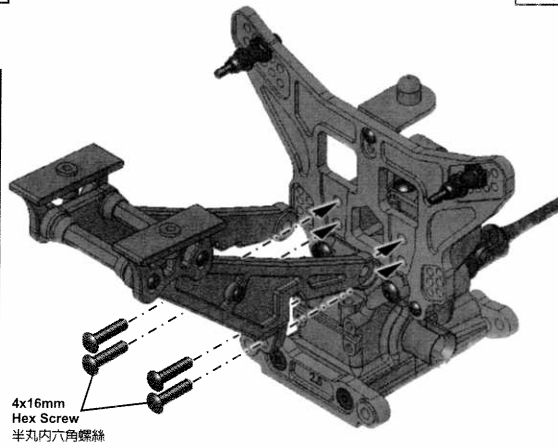
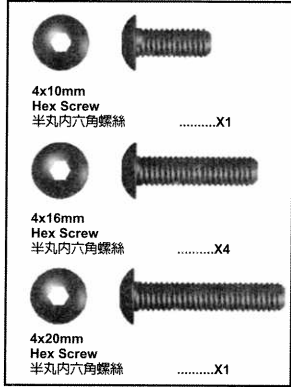


Long  
長

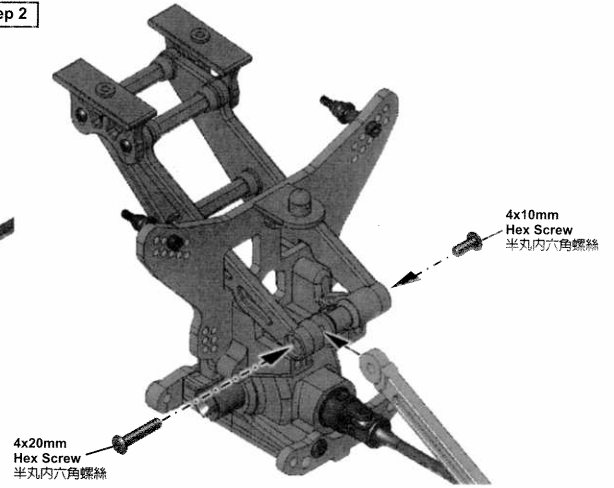
Short  
短

## 22 ASSEMBLY OF THE WING STAY 後定風翼架組合

Step 1



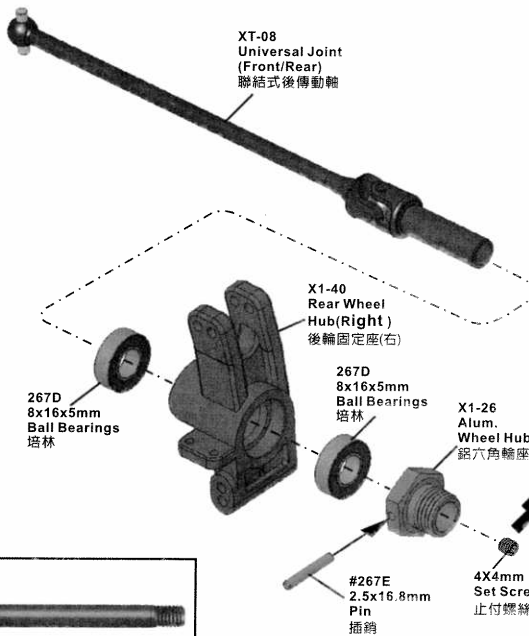
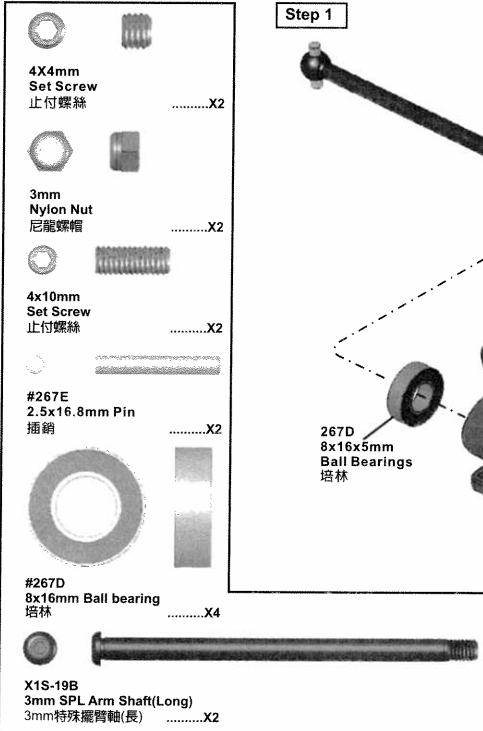
Step 2



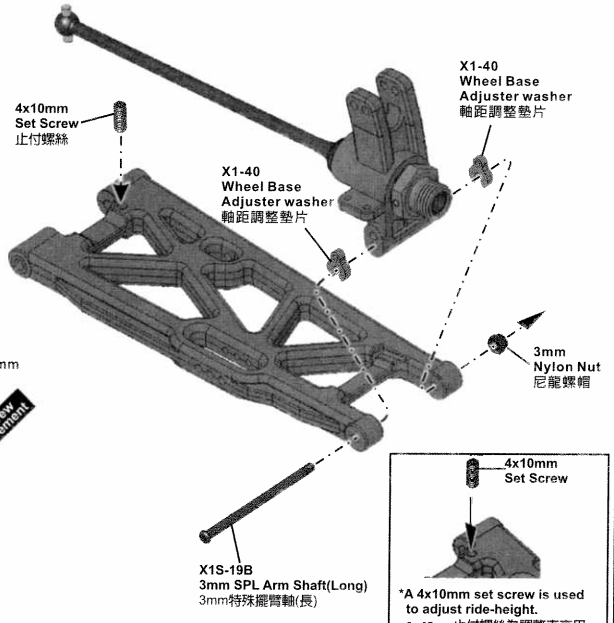
## 23 ASSEMBLY OF THE REAR WHEEL HUBS 後輪座組合

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

Step 1

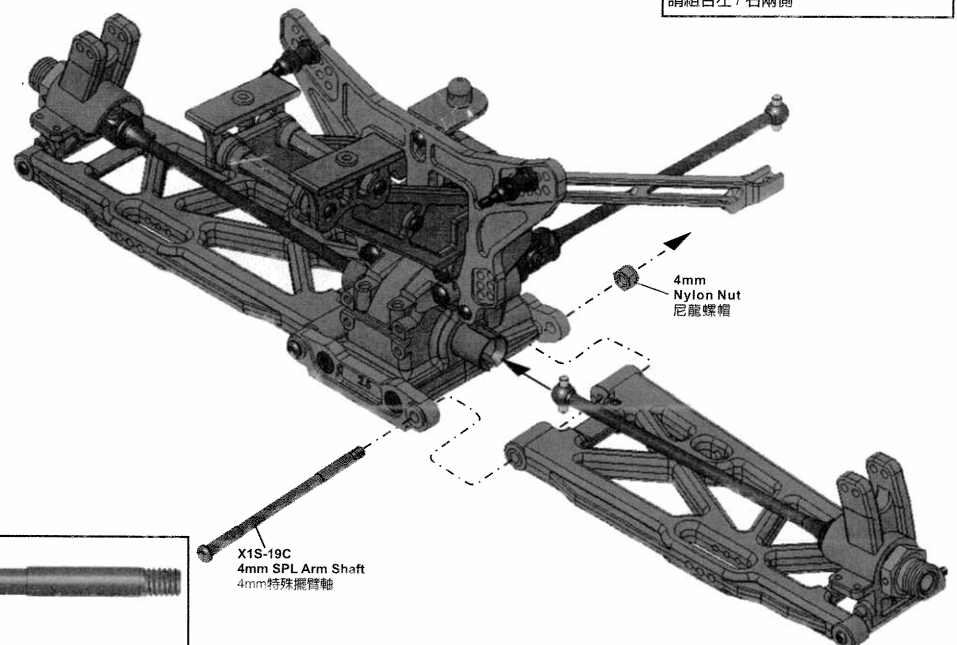
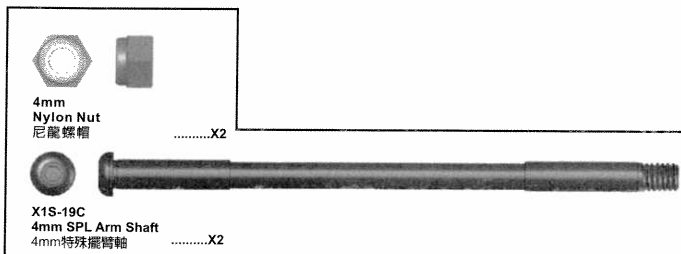


Step 2



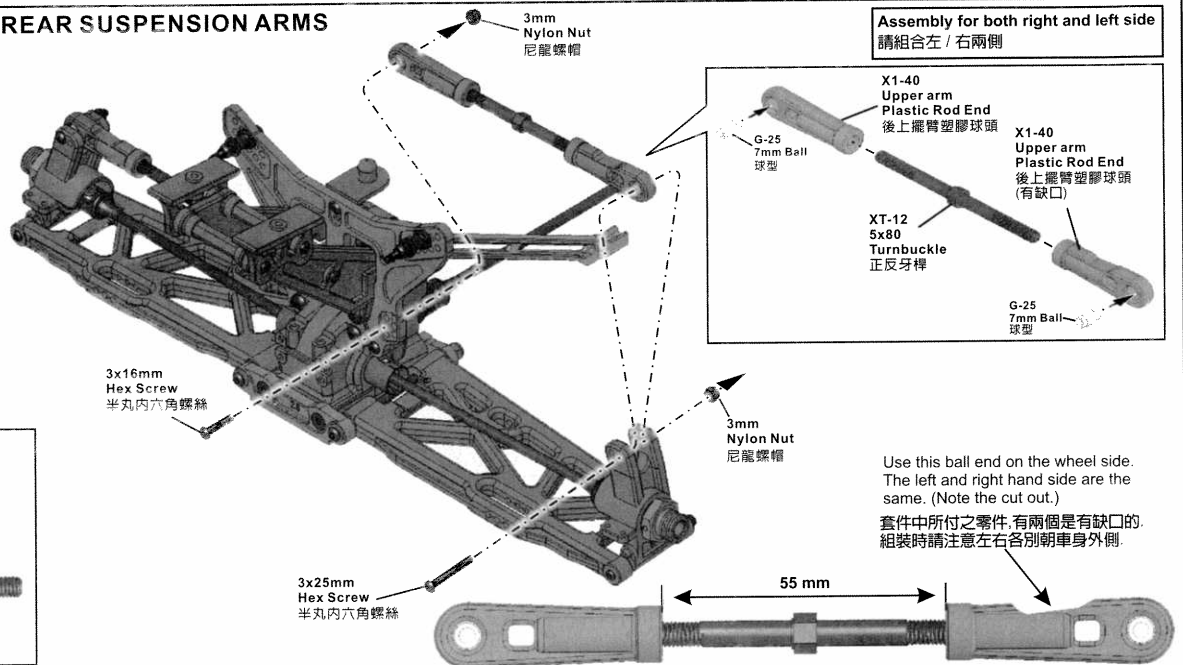
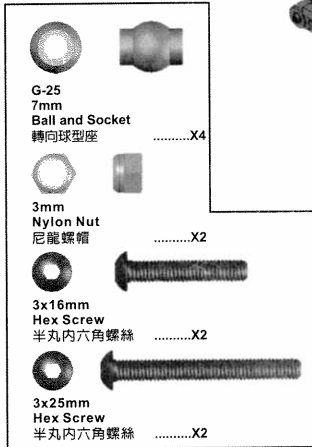
## 24 ASSEMBLY OF THE REAR SUSPENSION ARMS 後懸吊系統組合

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



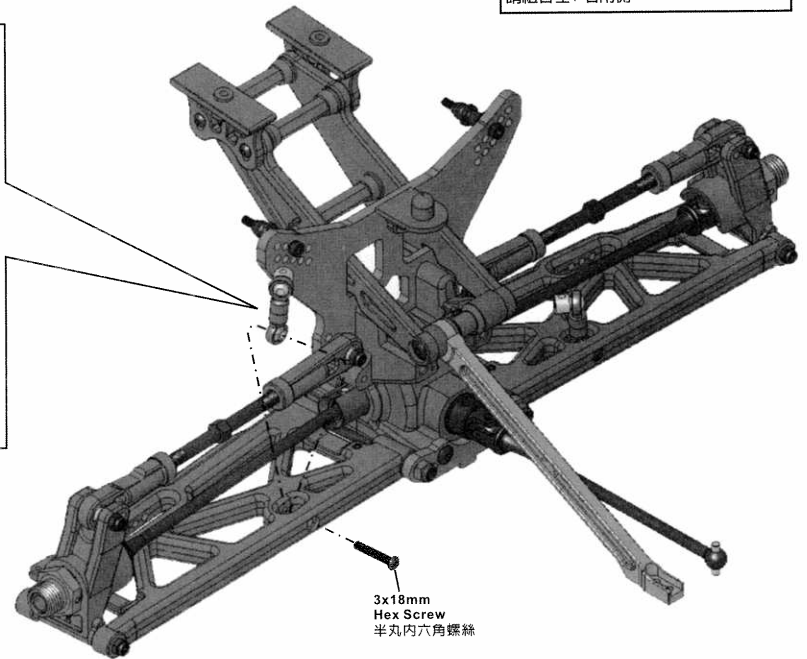
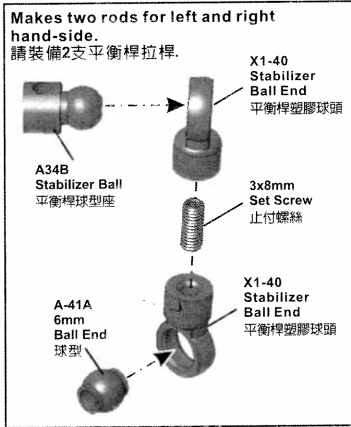
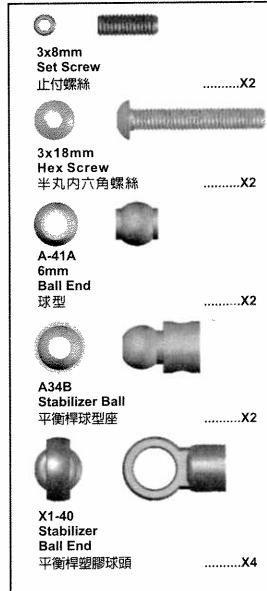
## 25 ASSEMBLY OF THE REAR SUSPENSION ARMS 後懸吊系統組合

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

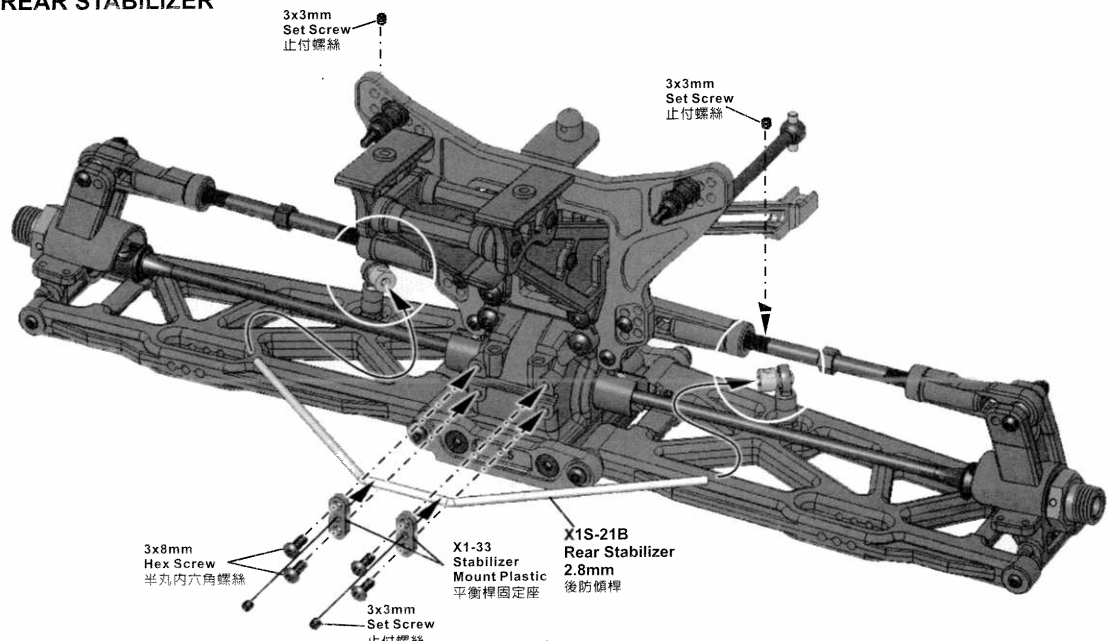


## 26 ASSEMBLY OF THE REAR STABILIZER 後平衡桿組合

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



## 27 ASSEMBLY OF THE REAR STABILIZER 後平衡桿組合

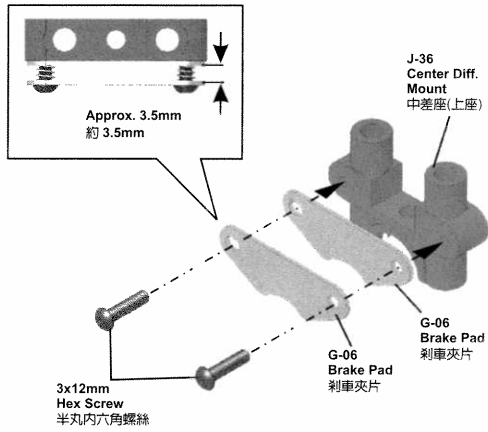




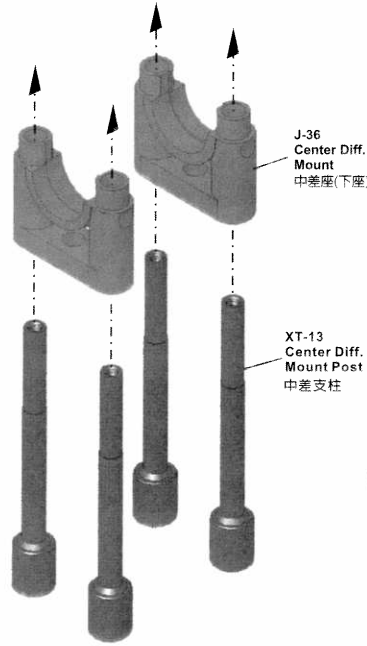
# 28 ASSEMBLY OF THE CENTER DIFF. MOUNT

## 中央差速與中差座組合

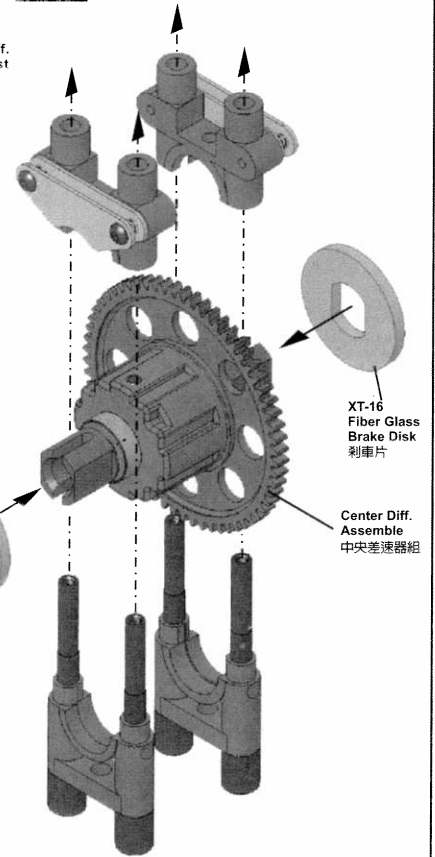
Step 1



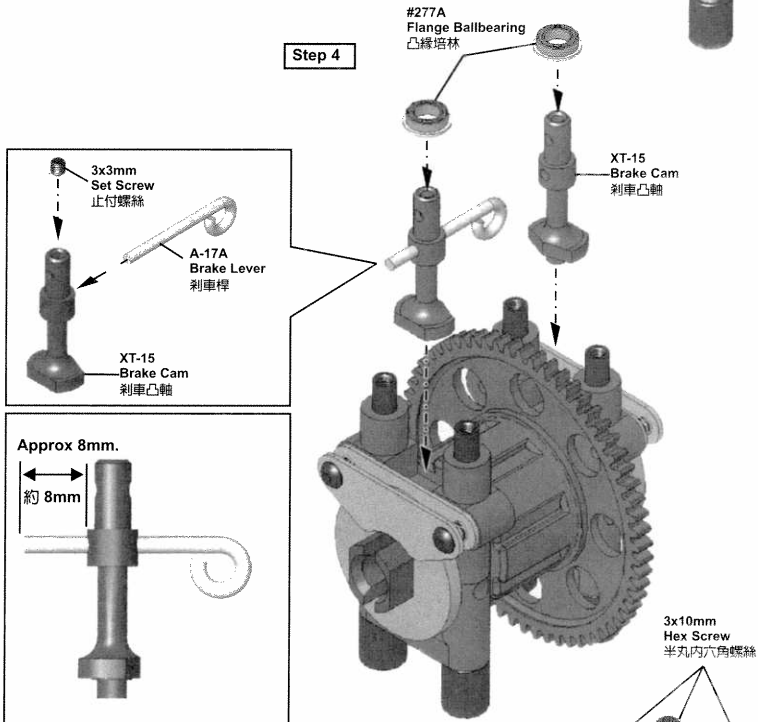
Step 2



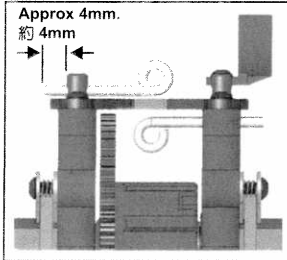
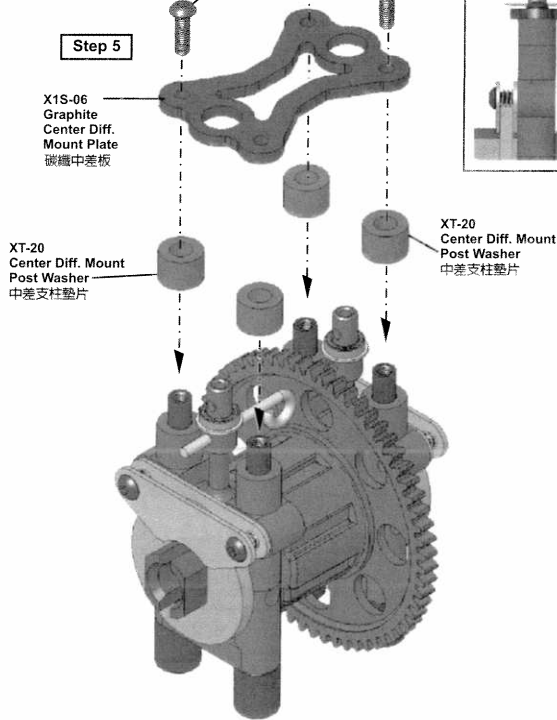
Step 3



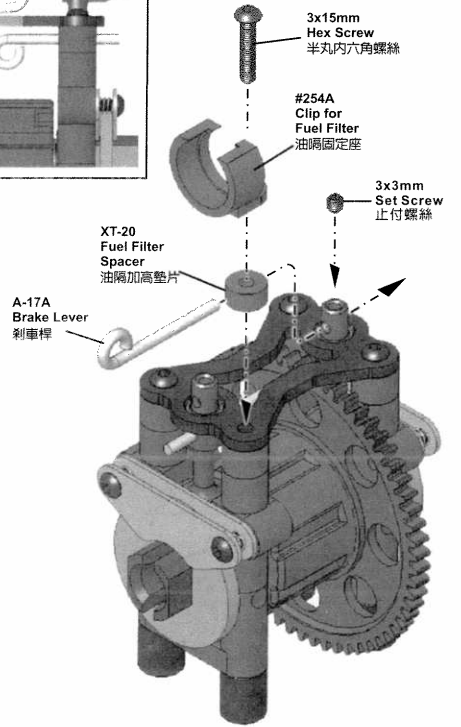
Step 4



Step 5

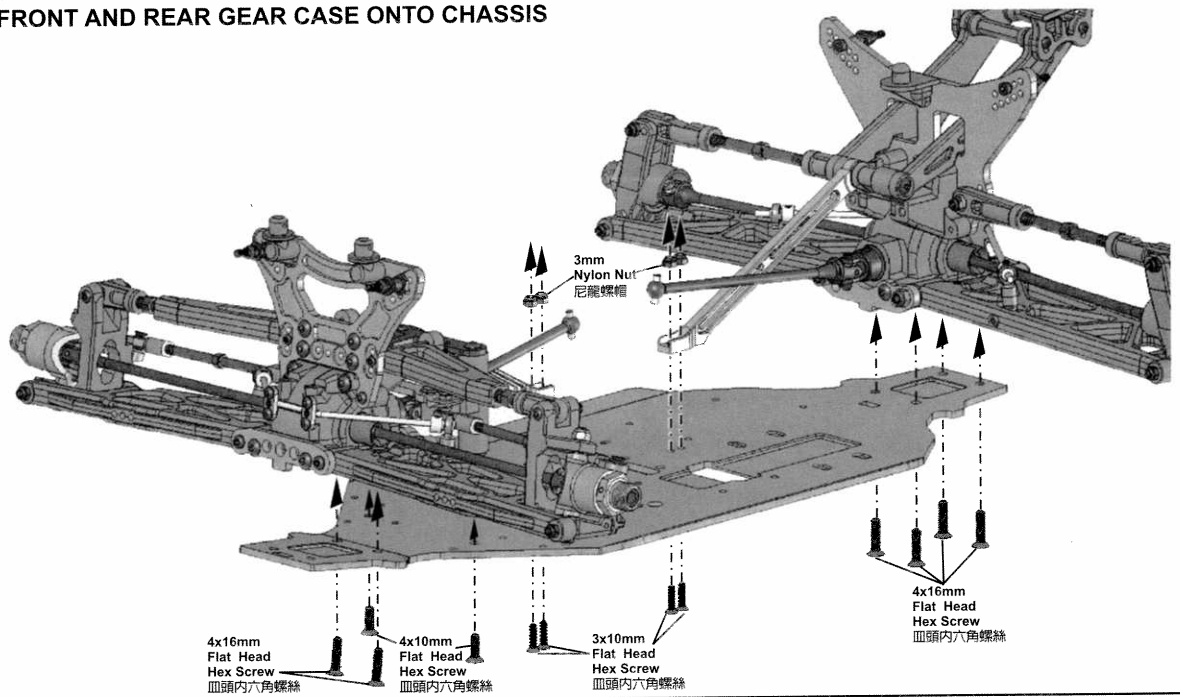
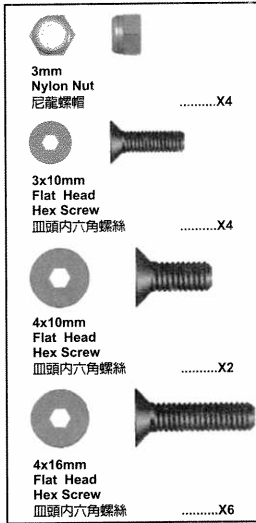


Step 6

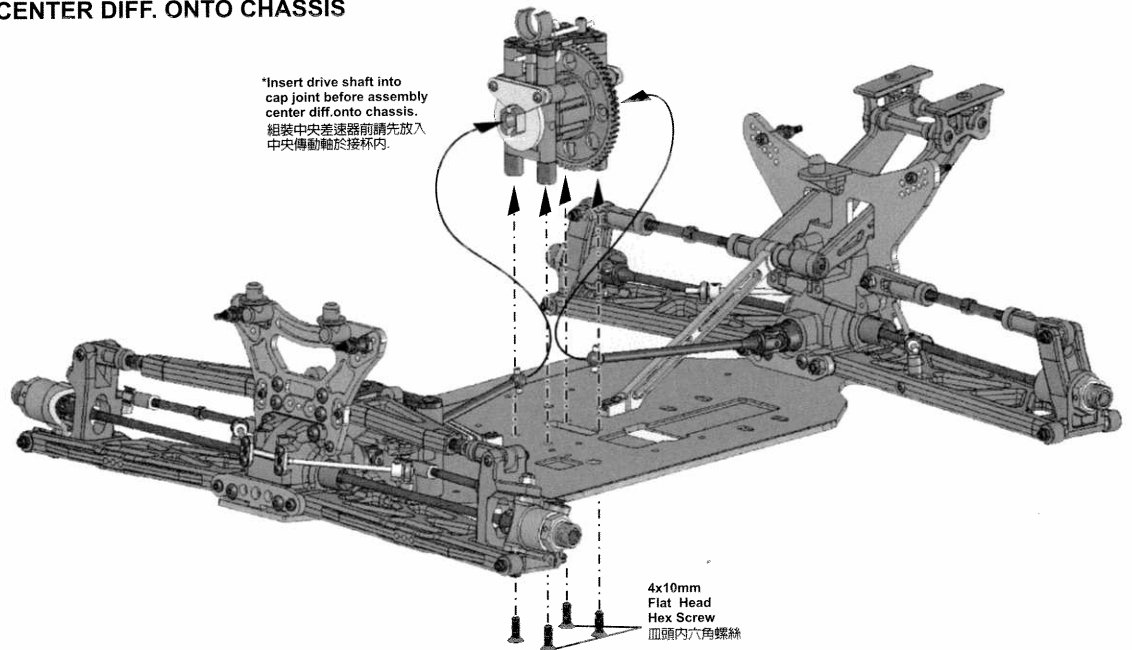


- 3x3mm Set Screw 止付螺絲 .....X2
- #277A 5x8mm Flange Bushing 凸緣培林 .....X2
- 3x10mm Hex Screw 半孔內六角螺絲 .....X3
- 3x12mm Hex Screw 半孔內六角螺絲 .....X3

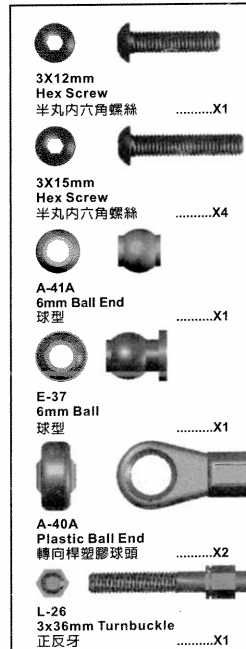
## 29 ASSEMBLY OF THE FRONT AND REAR GEAR CASE ONTO CHASSIS 組合前後齒輪箱至底盤



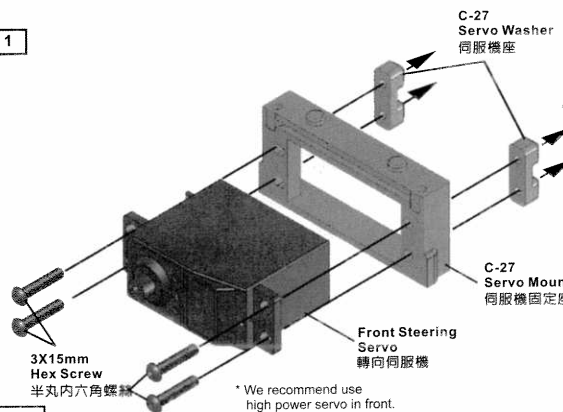
## 30 ASSEMBLY OF THE CENTER DIFF. ONTO CHASSIS 中差座與底盤組合



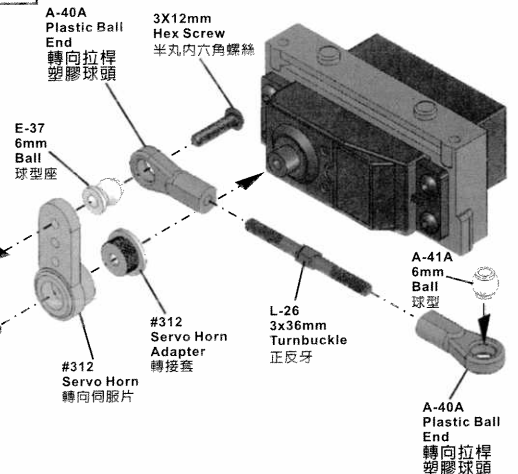
## 31 ASSEMBLY OF THE STEERING SERVO AND STEERING ROD 轉向伺服機與轉向拉桿組合



Step 1

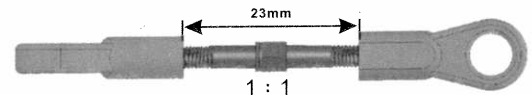
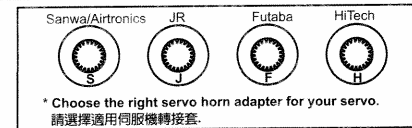


Step 2



\* We recommend use high power servo in front.  
\*建議使用大扭力轉向伺服機。

Use the screw provided with your servo.  
請取用自伺服機所付螺絲。



### 32 ASSEMBLY OF THE RADIO TRAY 二樓板組合

**Step 1**

**Step 2**

**Step 3**

**Adjust XT-20 Servo Washer in accordance with use of servo.**

	A
Futaba	1mm
Sanwa	2mm
KO	1mm
JR	.....

請依據使用伺服機，來使用XT-20調整墊片。

**Parts List:**

- 3X8mm Hex Screw 半丸內六角螺絲 .....X10
- 3x12mm Hex Screw 半丸內六角螺絲 .....X2
- 3x15mm Hex Screw 半丸內六角螺絲 .....X2
- X1-41 Radio Tray Post (Plastic) 二樓板塑膠柱 .....X2

### 33 ASSEMBLY OF THE RADIO TRAY AND RECEIVER BOX 二樓板與防水盒組合

**Step 1**

**Step 2**

**Step 3**

**Parts List:**

- 2X8mm Screw 半丸十字螺絲 .....X4
- 3x10mm Hex Screw 半丸內六角螺絲 .....X2

**Notes:**

- \*Connect the switch wire to receiver. 組裝時請將開關電源線接至接收機。
- \*Use the screw provide with your switch 使用開關所附螺絲
- \*Put the servo wire into receiver box and connect to receiver. 伺服機接頭放入防水盒內並接上接收機。
- Use the original battery case or rechargeable hump pack battery. 請使用標準電池盒或者充電式鋁罐電池。 電池盒電源線請接至開關。

### 34 ASSEMBLY OF THE RADIO TRAY ONTO CHASSIS 組合二樓板至底盤

**Parts List:**

- 3x10mm Flat Head Hex Screw 皿頭內六角螺絲 .....X12
- 3x12mm Hex Screw 半丸內六角螺絲 .....X1

**Adjust the position of steering servo horn and L-26 in order to set the angle 90 degree here when the neutral.**

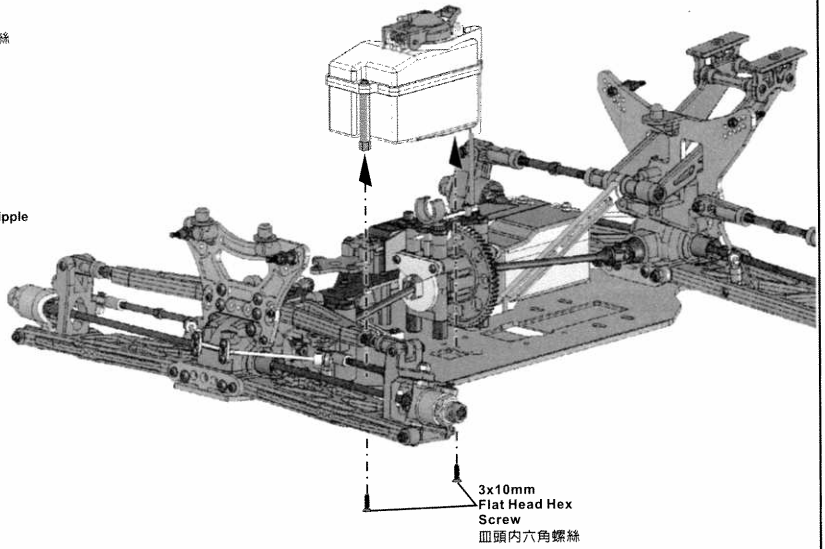
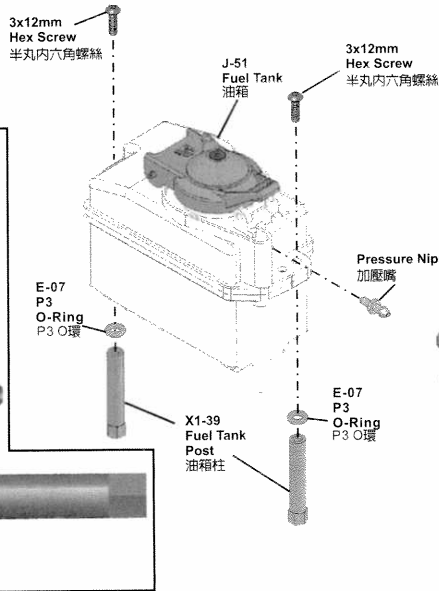
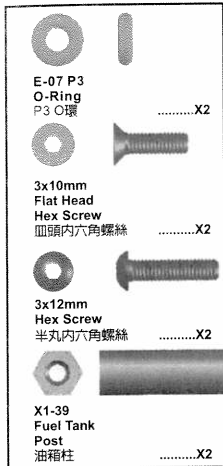
當轉向中立位置時，調整伺服片與L-26轉向拉桿成90度。

### 35 ASSEMBLY OF THE FUEL TANK

#### 油箱組合

Step 1

Step 2



### 36 ASSEMBLY OF THE CLUTCH

#### 組合離合器

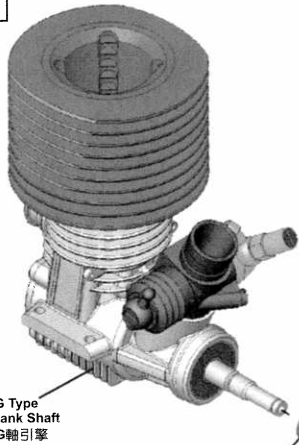
Step 1

Step 2

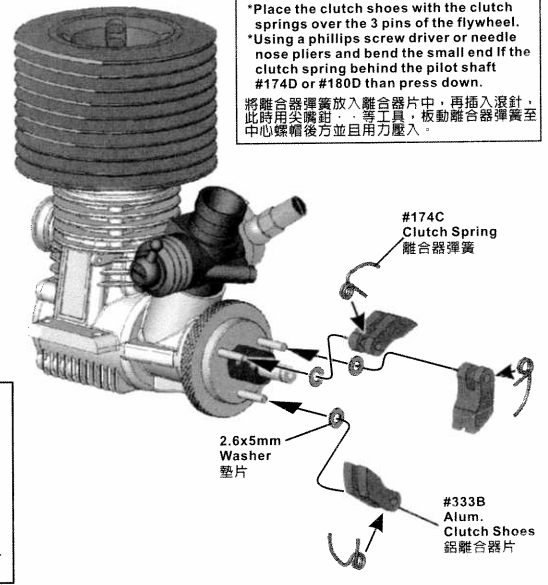
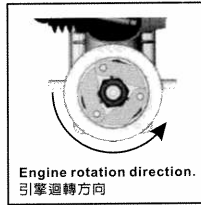
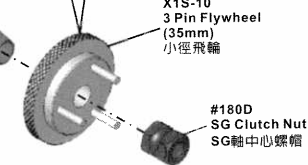
\* Only use this #174D pilot shaft for threaded crank shaft engine.  
\* 全牙曲軸引擎請使#174D中心螺帽。

\* Place the clutch shoes with the clutch springs over the 3 pins of the flywheel.  
\* Using a phillips screw driver or needle nose pliers and bend the small end if the clutch spring behind the pilot shaft #174D or #180D than press down.

將離合器彈簧放入離合器片中，再插入滾針，此時用尖嘴鉗、鑷子，扳動離合器彈簧至中心螺帽後方並且用力壓入。



Fit the flywheel using a pair of the plier and cross wrench.  
請使用夾鉗及套筒板手將中心螺帽鎖緊。

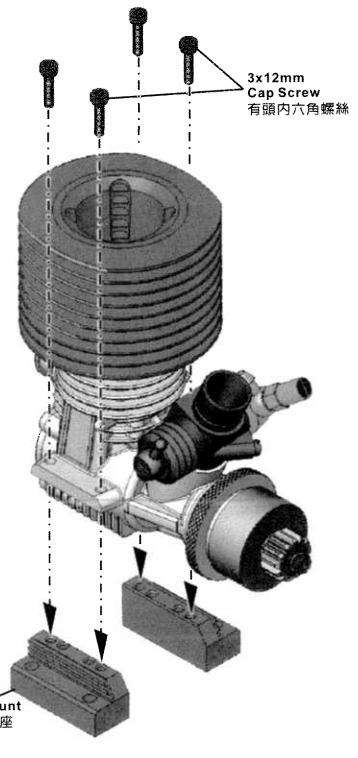
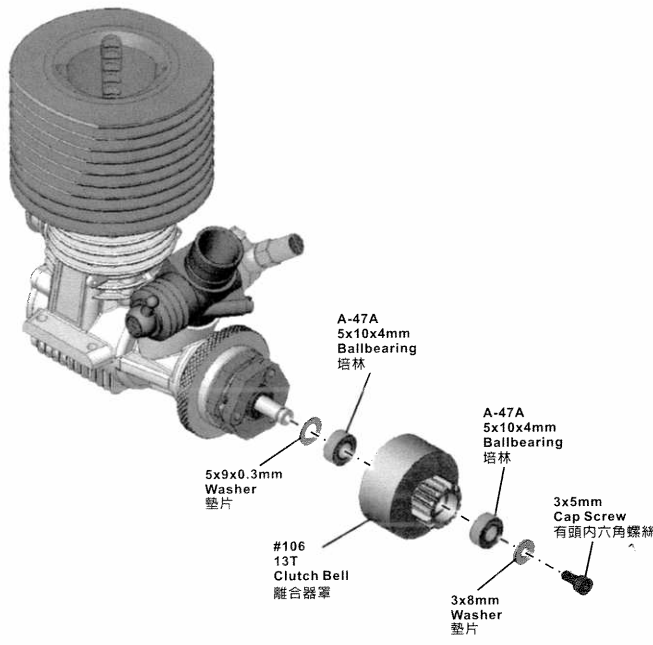
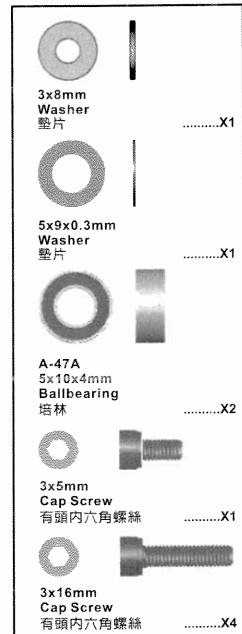


### 37 ASSEMBLY OF THE CLUTCH AND ENGINE MOUNT

#### 組合離合器

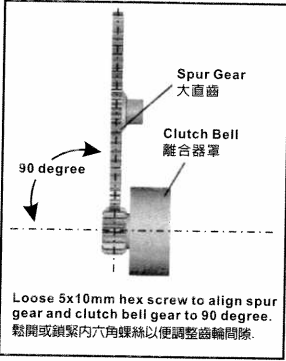
Step 1

Step 2

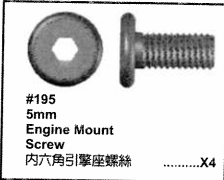
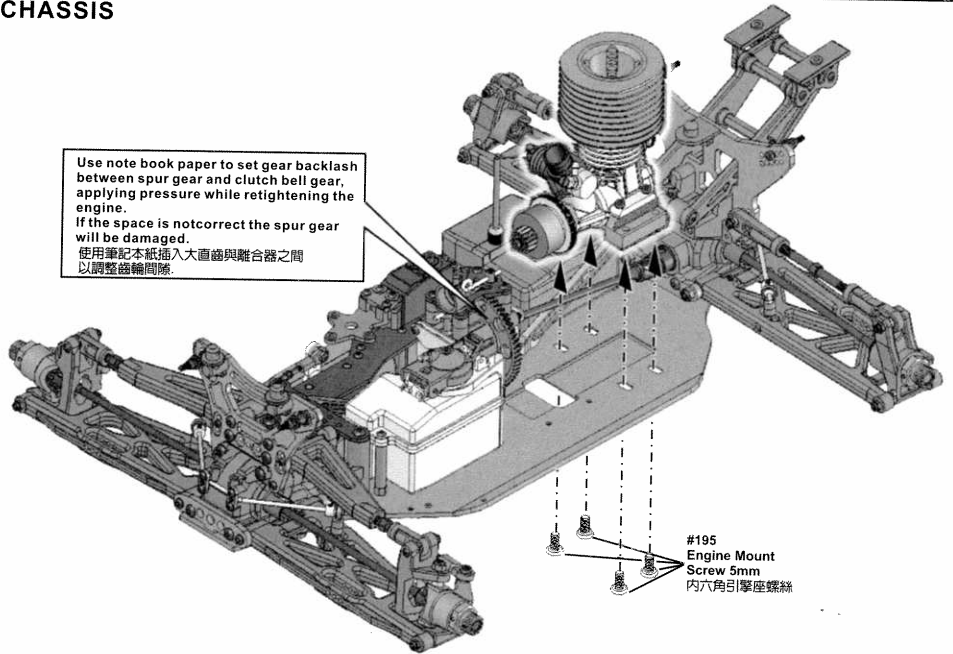


### 38 ASSEMBLY OF THE ENGINE ONTO CHASSIS

引擎組合至底盤



Use note book paper to set gear backlash between spur gear and clutch bell gear, applying pressure while retightening the engine.  
If the space is not correct the spur gear will be damaged.  
使用筆記本紙插入大直齒與離合器之間以調整齒輪間隙。

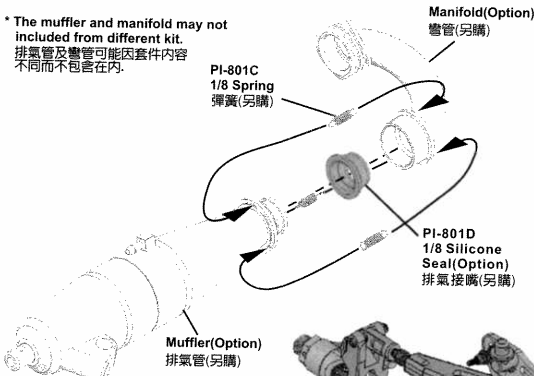


### 39 ASSEMBLY OF THE MANIFOLD AND MUFFLER

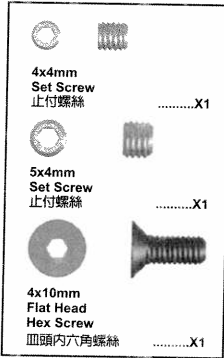
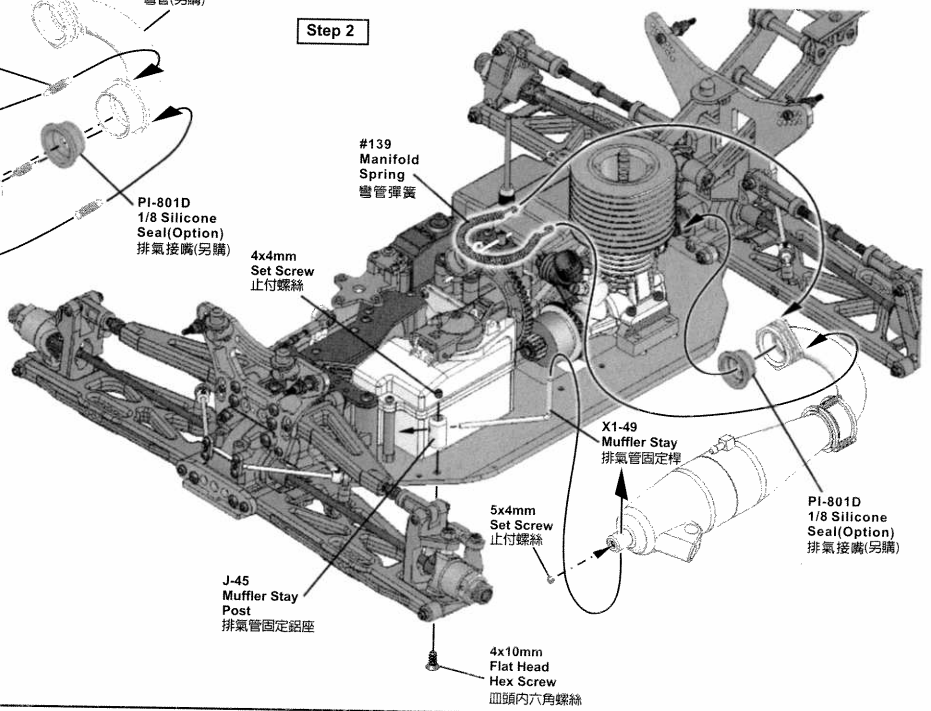
排氣管與彎管組合

Step 1

The muffler and manifold may not be included from different kit.  
排氣管及彎管可能因套件內容不同而不包含在內。



Step 2

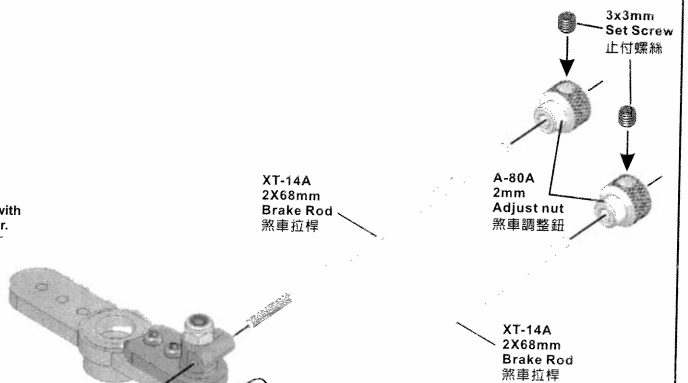
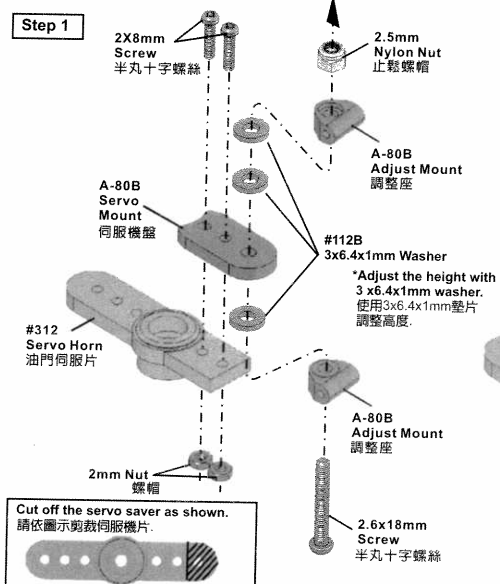
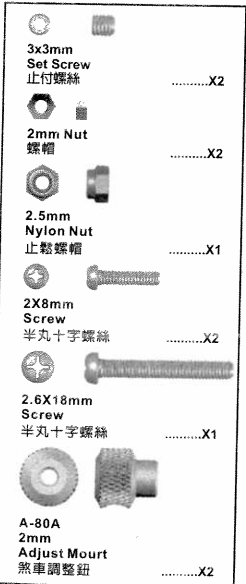


### 40 ASSEMBLY OF THE THROTTLE LINKAGE

油門伺服盤與煞車調整組組合

Step 1

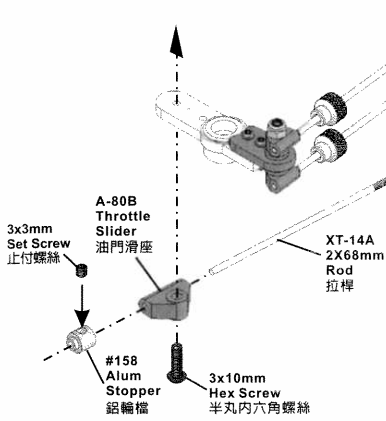
Step 2



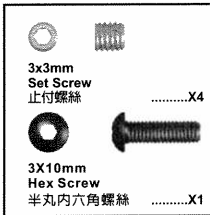
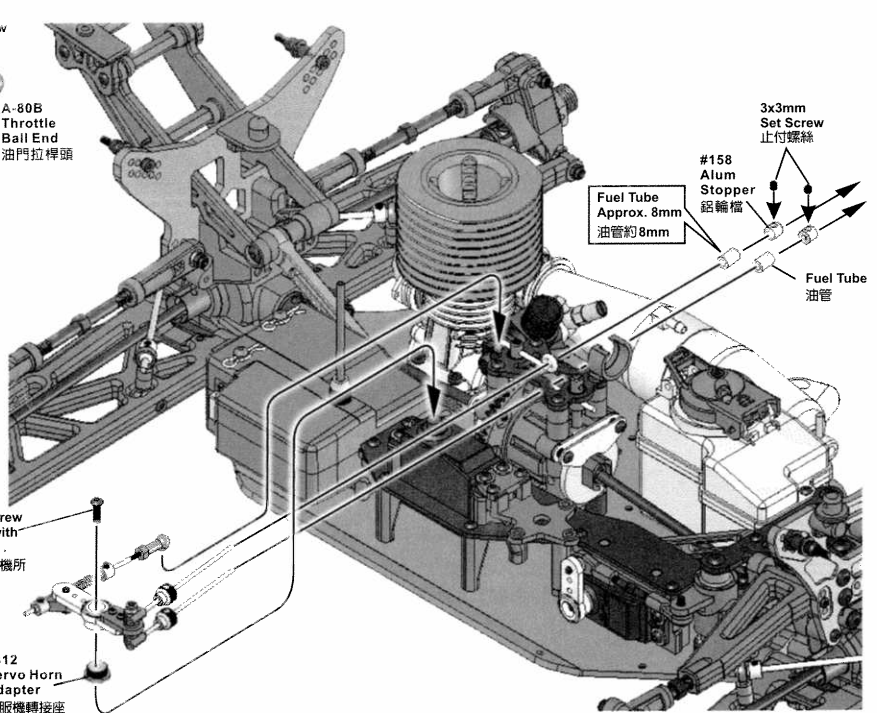
## 41 ASSEMBLY OF THE THROTTLE LINKAGES (Type A)

油門伺服盤與煞車調整組組合 (Type A)

Step 1



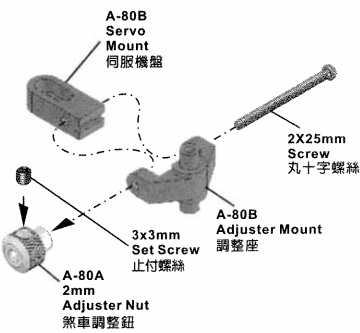
Step 2



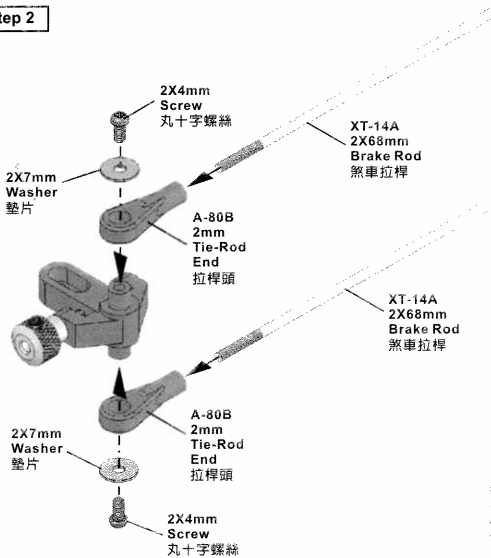
## 42 ASSEMBLY OF THE THROTTLE LINKAGE (Type B)

油門伺服盤與煞車調整組組合 (Type B)

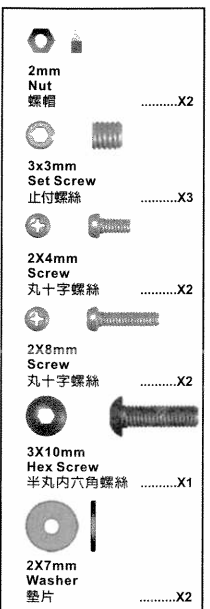
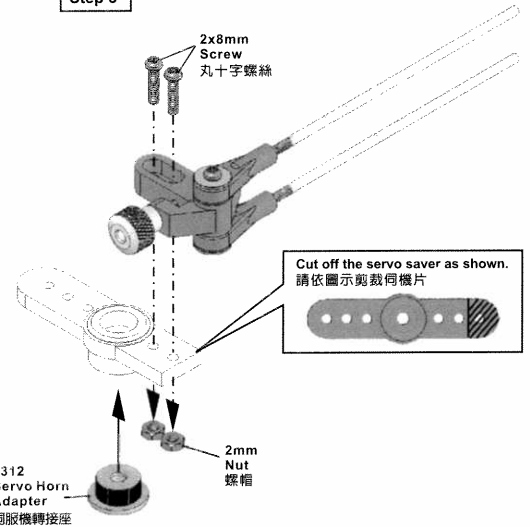
Step 1



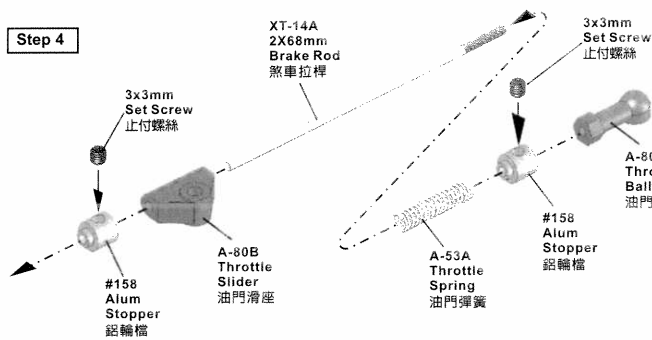
Step 2



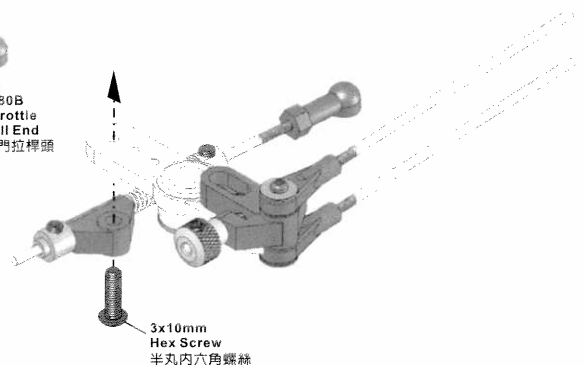
Step 3



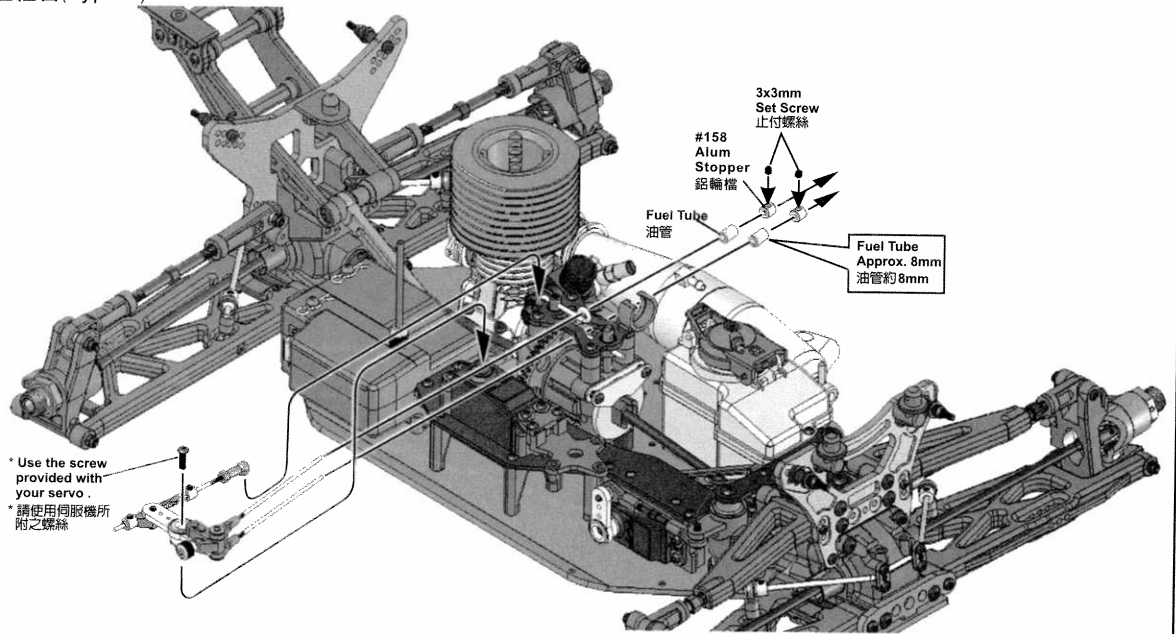
Step 4



Step 5

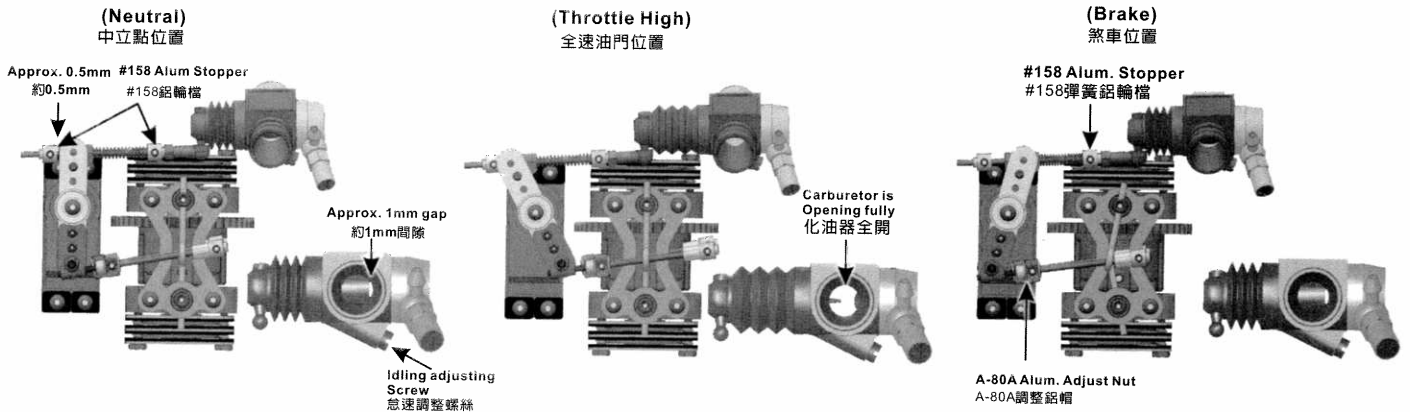


### 43 ASSEMBLY OF THE THROTTLE LINKAGES (Type B) 油門伺服盤與煞車調整組組合 (Type B)



\* Use the screw provided with your servo.  
\* 請使用伺服機所附之螺絲。

### 44 ADJUSTING THE ENGINE CONTROL LINKAGES 油門 / 煞車拉桿組調整



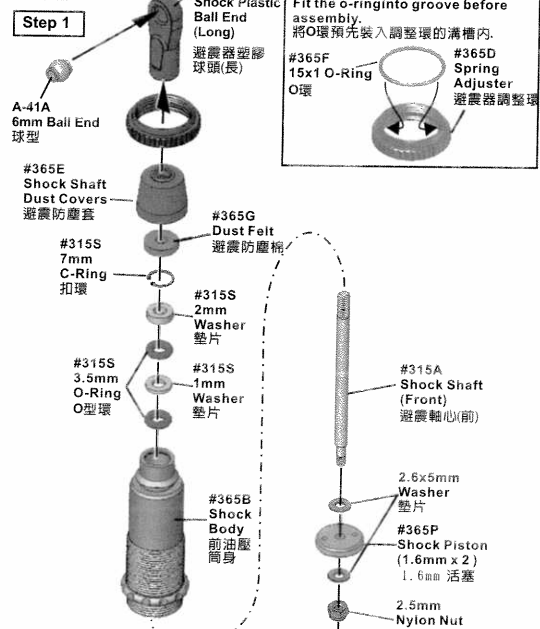
- \* Turn on the Transmitter then Receiver and set the Engine Control Servo Trim to the neutral position.
- \* Adjust the idling adjusting screw on the Carburetor to be open approx. 1mm gap.
- \* Adjust both of the #158 Engine Control and Brake linkage accordingly.
- \* Adjust the Engine while it is not running.
- \* 開啓遙控器和接收機的電源並且調整伺服機片在中立位置
- \* 調整怠速螺絲使化油器開口約1mm間隙。
- \* 調整 #158 鋁輪檔與油門滑座約0.5mm間隙且油門 / 煞車拉桿在中立位置
- \* 調整引擎怠速中，車子不可行走。

- \* Adjust the Servo-Horn mounting position for the Carburetor to be full open.
- \* Change the pivot mounting position on the servo horn in case the Carburetor is not opening fully or if it is opening excessively. Or if available on the Transmitter, adjust the Throttle high end point.
- \* 將遙控器油門開啓在全速位置。
- \* 如果化油器開啓不足或過度請改變油門滑座和伺服片的安裝孔位使化油器開啓至全開位置。若是遙控器有油門行程調整功能也可使用調整全速油門位置。

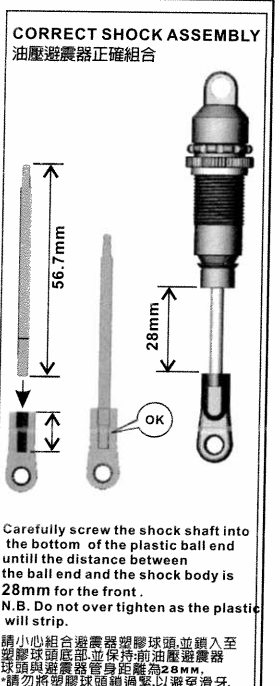
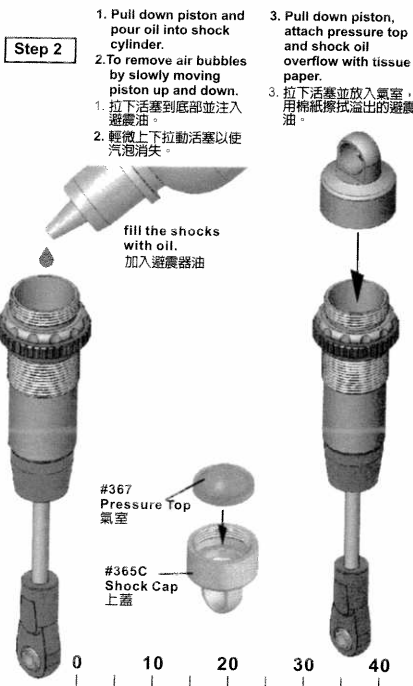
- \* Adjust #158 so the brakes work smoothly.
- \* If the brakes apply too much or not enough, adjust A80A accordingly. Or if available on the Transmitter, adjust the High-End Brake adjustment.
- \* Adjust A-80A to Change the front or Rear Brake.
- \* 調整彈簧鋁輪檔使煞車動作滑順。
- \* 如果煞車不足或過度，請調整 #158 鋁輪檔位置，或是遙控器有煞車行程調整功能，也可使用調整煞車位置。
- \* 調整 A-80A 調整螺帽，改變前 / 後煞車力度。

### 45 ASSEMBLY OF THE FRONT SHOCKS 前避震器組合 Make 2 for Shocks. 組合 2 支避震器

- 2.5mm Nylon Nut .....X2  
尼龍螺帽
- #315S 3.5mm O-Ring .....X4  
O型環
- #315S 1mm Washer...X2  
墊片
- #315S 2mm Washer...X2  
墊片
- A-41A 6mm Ball End .....X2  
球型
- 2.6x5mm Washer .....X4  
墊片



Fit the o-ring into groove before assembly.  
將O環預先裝入調整環的溝槽內。

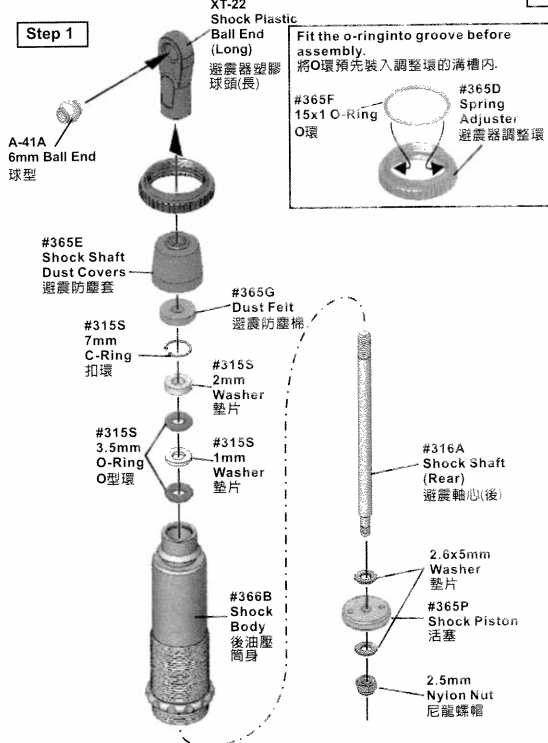
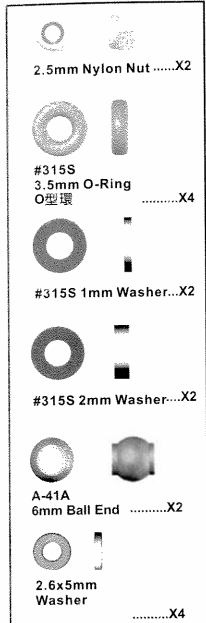


## 46 ASSEMBLY OF THE REAR SHOCKS

### 後避震器組合

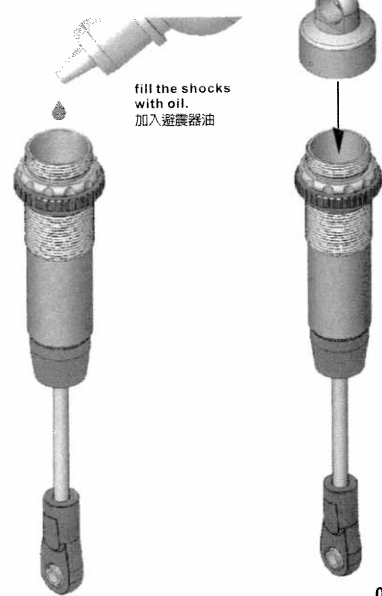
\* Make 2 for Shocks.  
組合 2 支避震器

Step 1

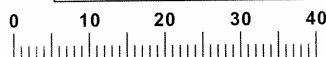
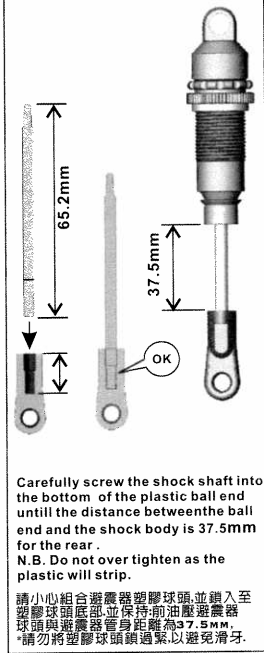


Step 2

1. Pull down piston and pour oil into shock cylinder.
2. To remove air bubbles by slowly moving piston up and down. 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. Pull down piston, attach pressure top and shock oil overflow with tissue paper. 3. 拉下活塞並放入氣室，用棉紙擦拭溢出的避震油。



### CORRECT SHOCK ASSEMBLY

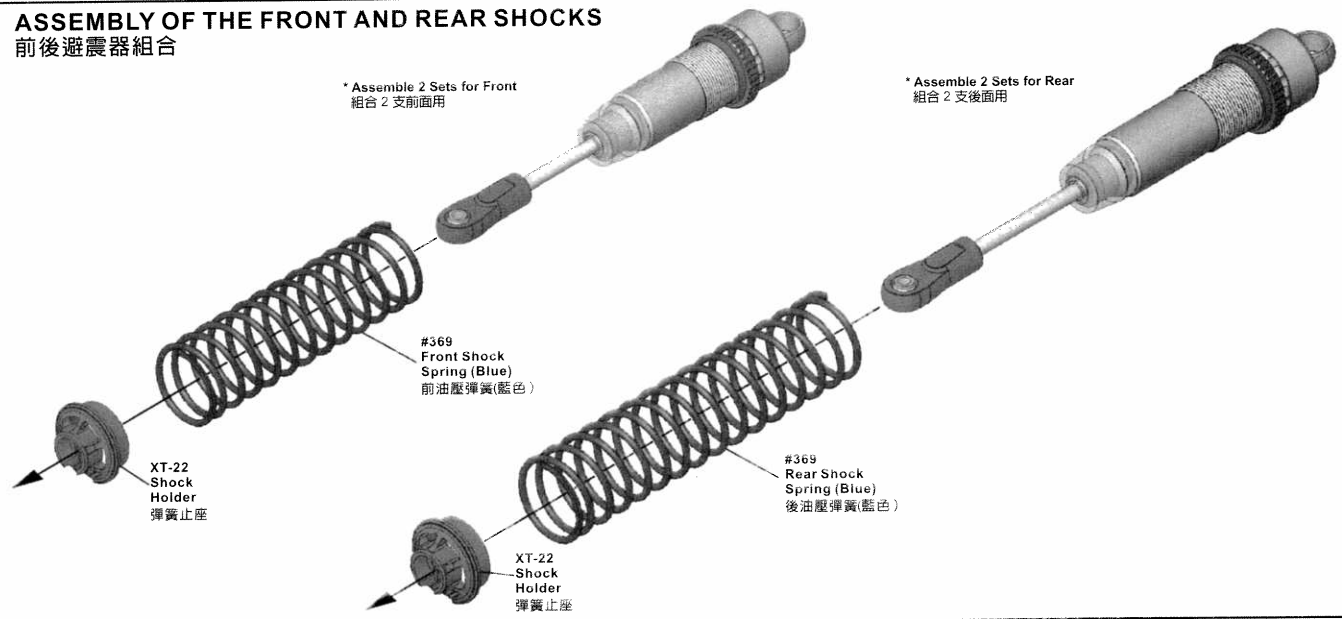


## 47 ASSEMBLY OF THE FRONT AND REAR SHOCKS

### 前後避震器組合

\* Assemble 2 Sets for Front 組合 2 支前面用

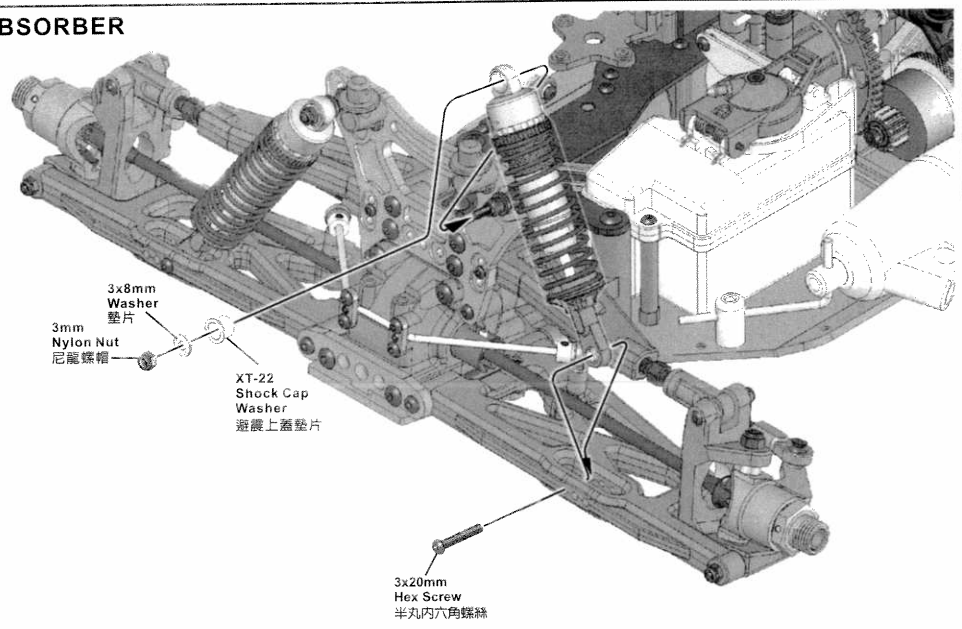
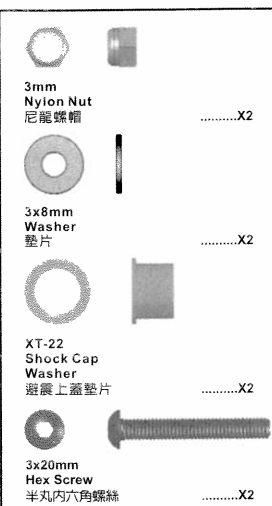
\* Assemble 2 Sets for Rear 組合 2 支後面用



## 48 ASSEMBLY OF THE FRONT SHOCK ABSORBER

### 前避震器與油壓架組合

Assembly both right and left side. 請組合左 / 右兩側

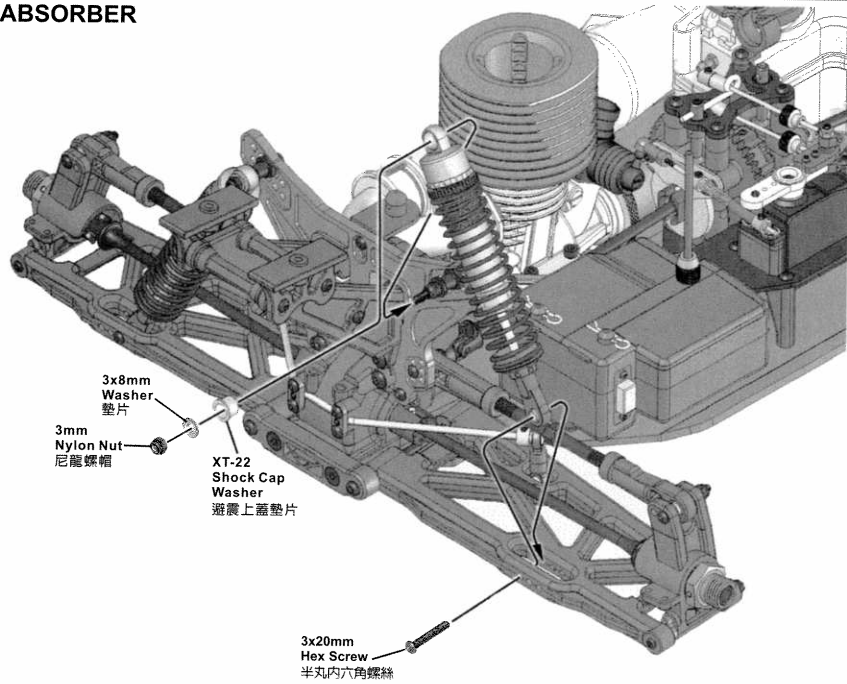
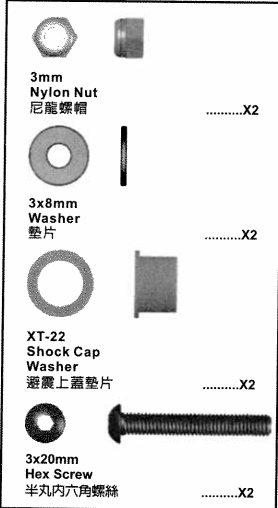




## 49 ASSEMBLY OF THE REAR SHOCK ABSORBER

後避震器與油壓架組合

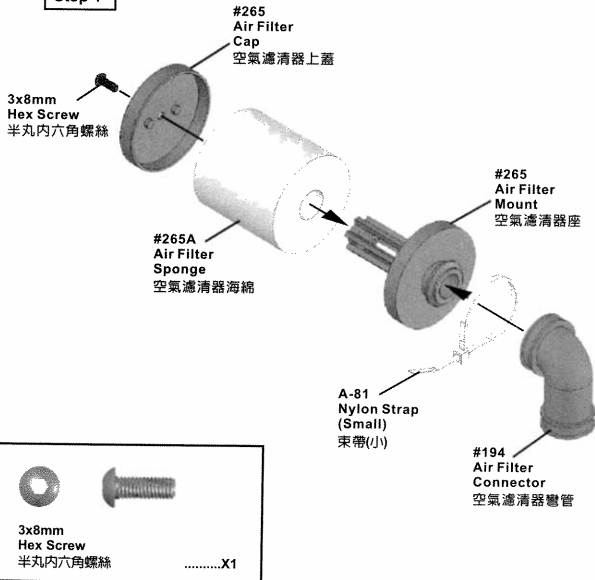
Assembly both right and left side.  
請組合左 / 右兩側



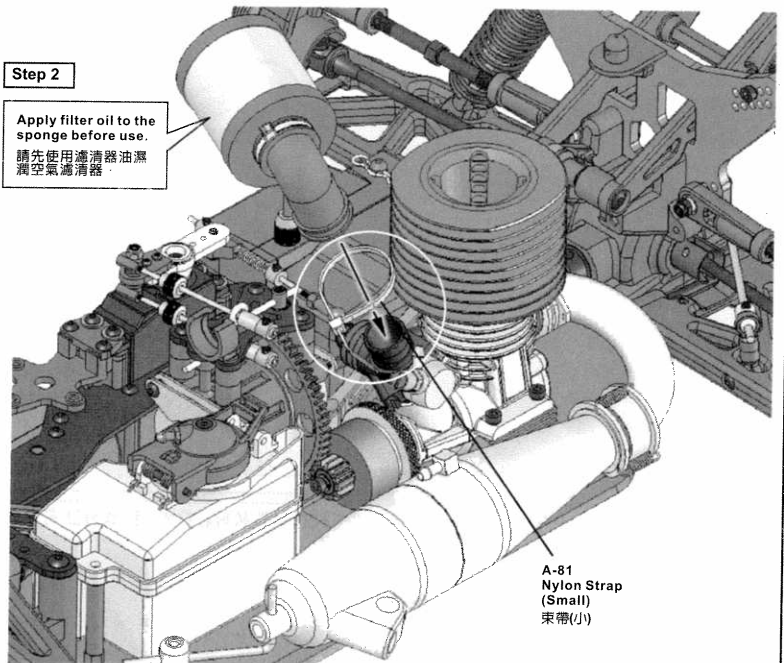
## 50 ASSEMBLY OF THE AIR FILTER

空氣濾清器組合

Step 1



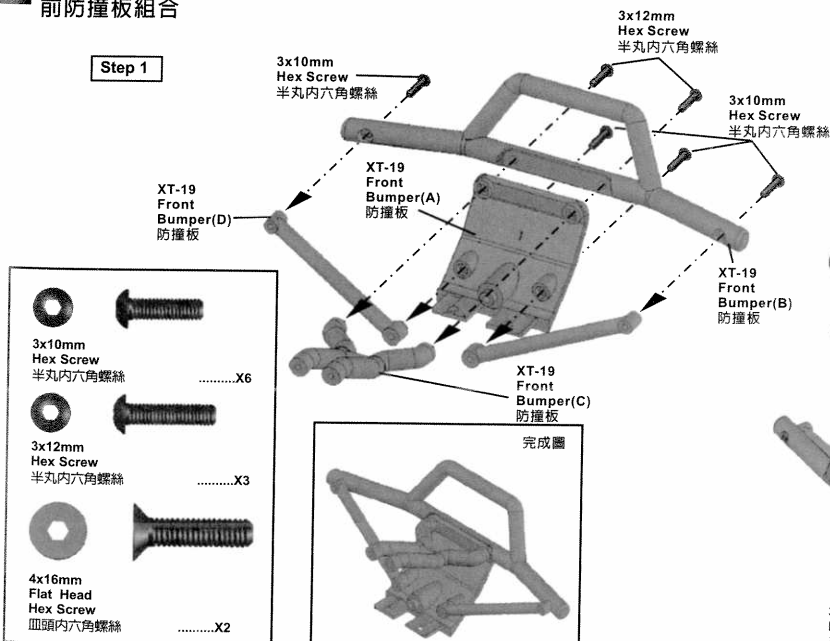
Step 2



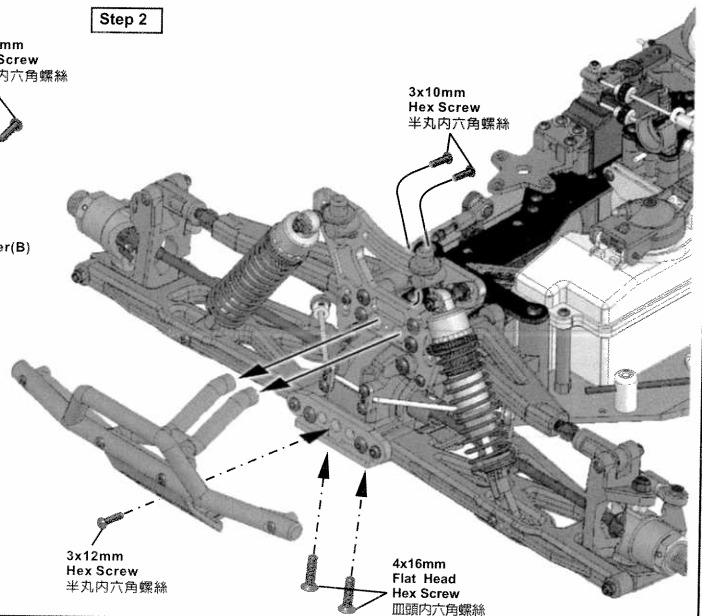
## 51 ASSEMBLY OF THE FRONT BUMPER

前防撞板組合

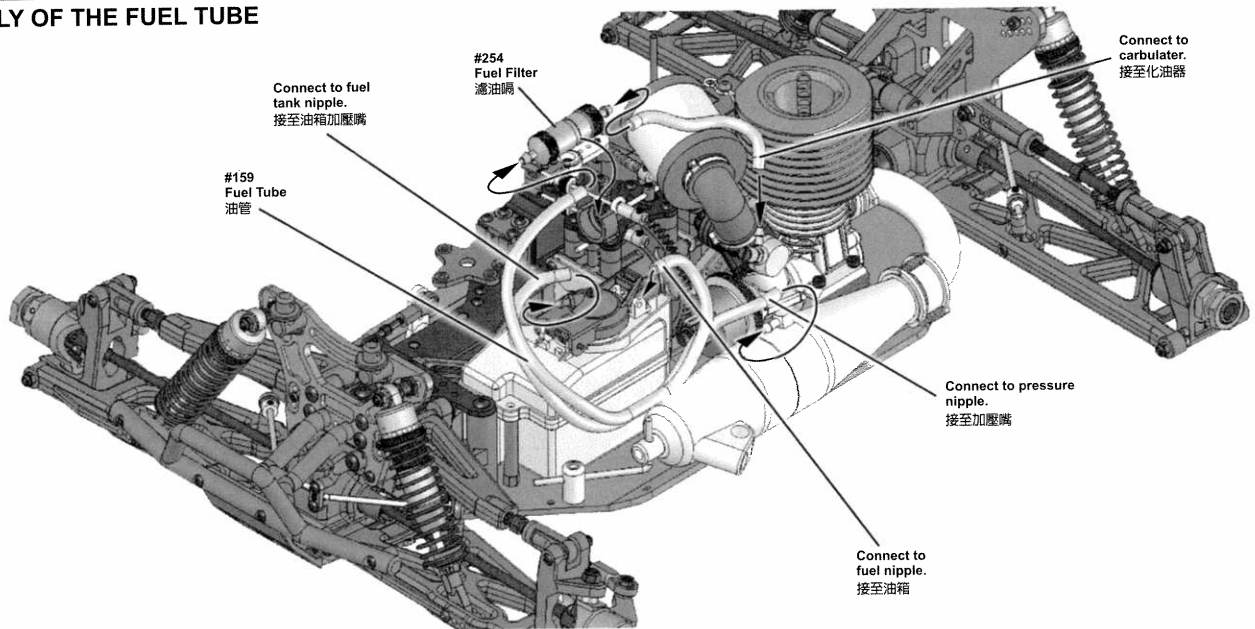
Step 1



Step 2



**52 ASSEMBLY OF THE FUEL TUBE**  
油管組合



**53 ASSEMBLY OF THE TIRES AND WHEELS**  
輪胎與輪圈組合

Step 1

Step 2

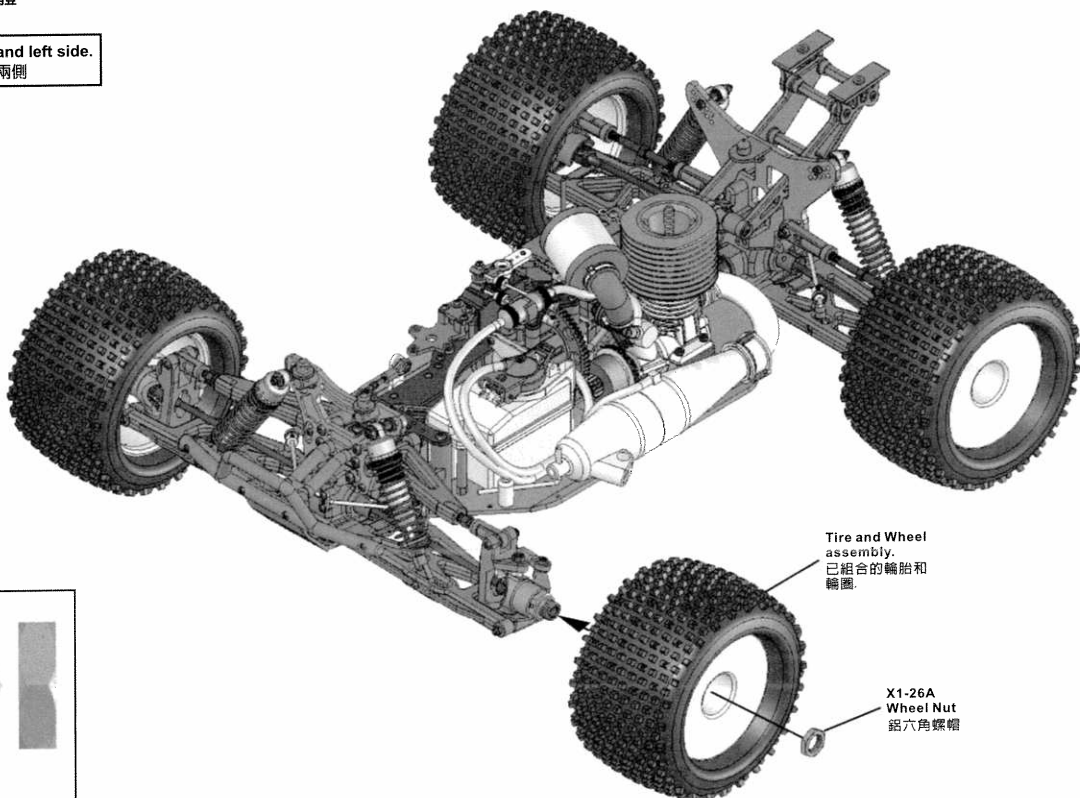
Step 3

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。



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

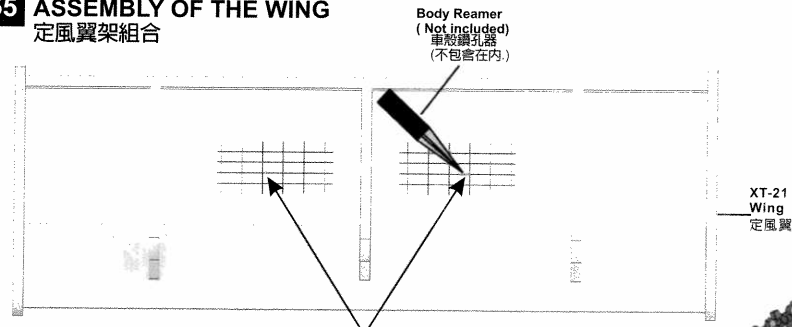
Assembly both right and left side.  
請組合左 / 右兩側



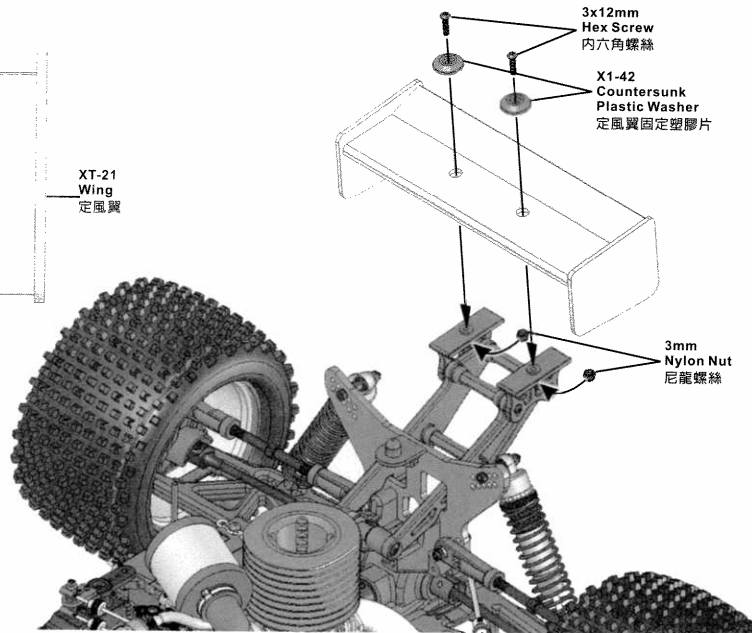
X1-26A Wheel Nut  
鋁六角螺帽 .....X4

## 55 ASSEMBLY OF THE WING

### 定風翼架組合

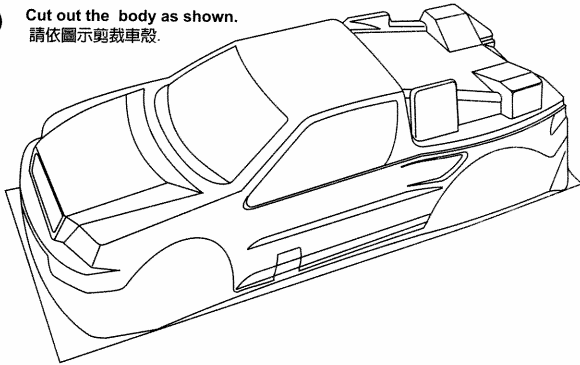


Drill two 7mm holes for mounting.  
在圖示位置使用鑽孔器鑽出7mm孔

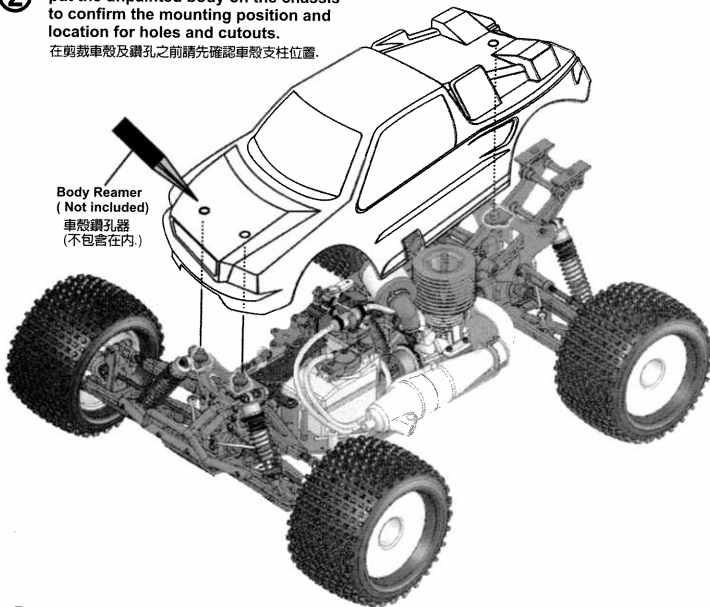


## 56 CUTTING OUT THE BODY AND PAINTING

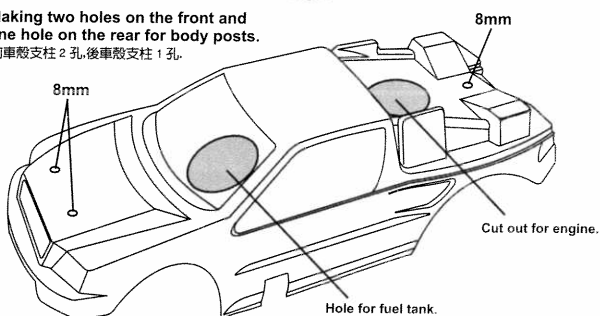
- ① Cut out the body as shown.  
請依圖示剪裁車殼。



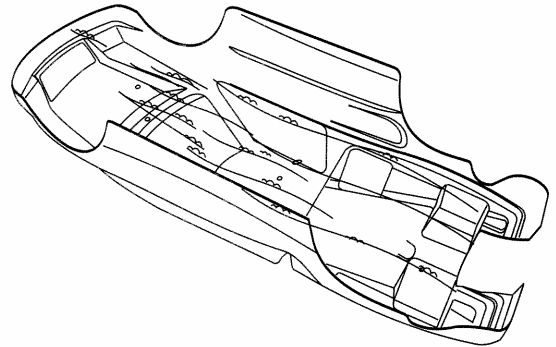
- ② Before cutting and making holes on the body, put the unpainted body on the chassis to confirm the mounting position and location for holes and cutouts.  
在剪裁車殼及鑽孔之前請先確認車殼支柱位置。



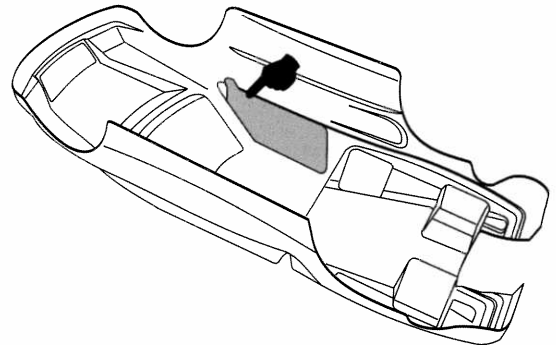
- ③ Making two holes on the front and one hole on the rear for body posts.  
前車殼支柱 2 孔, 後車殼支柱 1 孔。



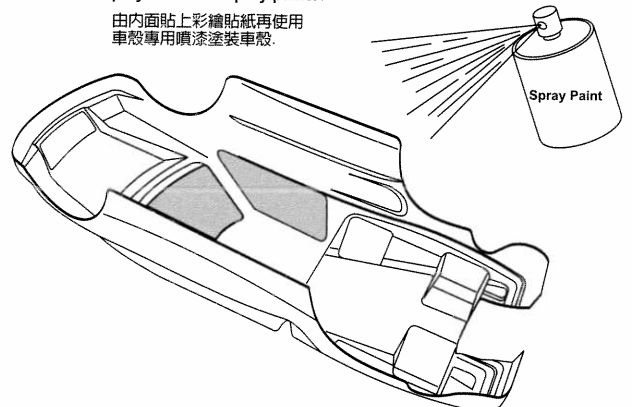
- ④ Use a neutral detergent to remove any dirt and oil.  
使用清潔劑清洗車殼內面。



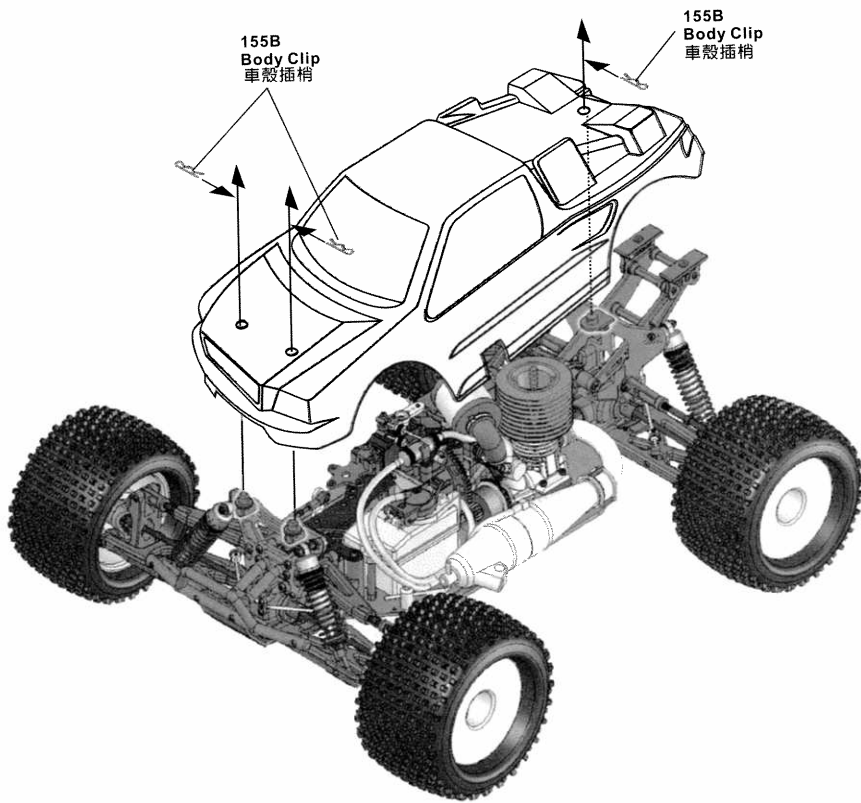
- ⑤ Mask the windows from the inside with masking tape.  
使用車窗覆蓋紙由內面貼上車窗部份。



- ⑥ Paint the body with polycarbonate spray paints.  
由內面貼上彩繪貼紙再使用車殼專用噴漆塗裝車殼。



**57 MOUNTING BODY**  
組合車殼



155B Body Clip  
車殼插梢

155B Body Clip  
車殼插梢

**58 STARTING OF THE ENGINE**  
起動引擎

**How to start the engine:**

1. Turn on transmitter and then receiver.
2. Fill fuel tank with fuel bottle.
3. Connect 1.2V glow plug starter.
4. Start engine with 12V starter.  
(Note the direction of the starter.)
5. After the engine be started, remove the 1.2V glow plug starter.

1. 先開啓發射機電源, 打開啓接收機電源.
2. 將燃油加入油箱內.
3. 接上1.2V火星塞電夾至火星塞上.
4. 使用12V起動器, 起動引擎. (注意起動器旋轉方向)
5. 引擎起動後移開1.2V火星塞電夾.

\* Follow the engine manufacturer instruction manuals regarding engine set-up, carburetor and maintenance.

\* 請依照引擎製造商的說明書以調整及保養引擎。

**12V Starter and Starter Ring (Not Included)**  
12V 起動器(不包含在內)

Starter rubber ring for car.  
(Insert starter rubber ring on the 12V starter.)  
起動器膠圈 (另購)



12V Starter  
起動器(另購)

**Glow Plug (Not Included)**  
火星塞(不包含在內)



Normal Plug  
普通火星塞



Turbo Plug

There is 2 types of glow plug available "NORMAL or Turbo" depending of the type of the engine.

請依使用的引擎選擇普通火星塞或 Turbo 火星塞.

**1.2V Glow Plug Igniter (Not Included)**  
1.2V 點火電夾(另購)

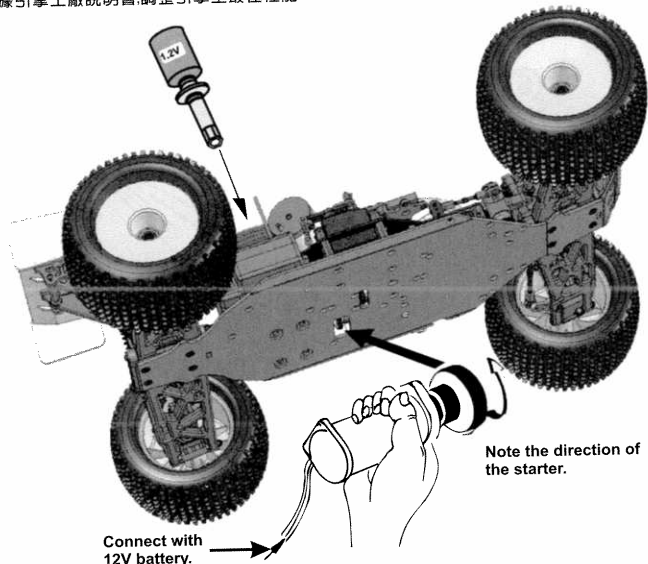
1.2V Glow Plug Igniter  
1.2V 點火電夾 (另購)



Turbo 火星塞

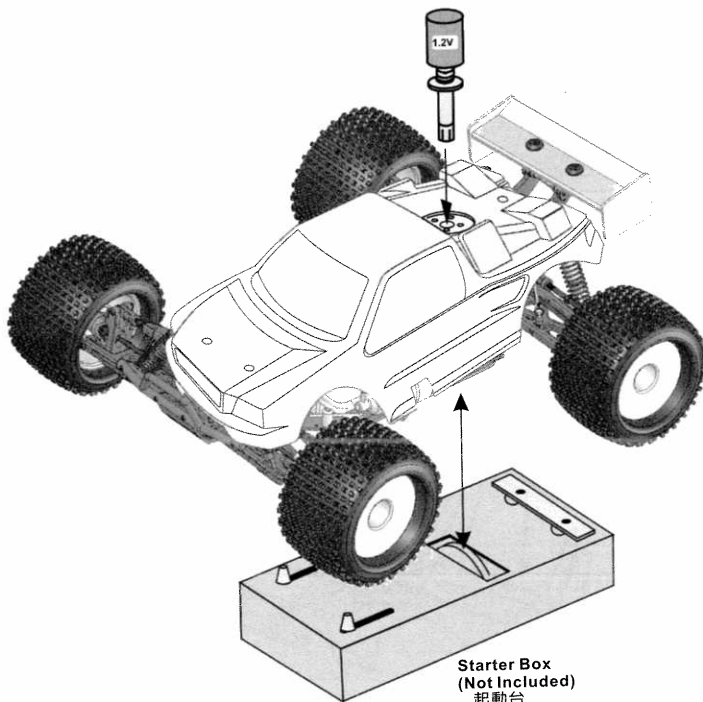
\*To start the car, attach a glow plug igniter to the glow plug, and use either an electric starter or starter box applied to the flywheel exposed through the chassis.

起動引擎請使用動台及火星塞點火電夾。  
將底座下方引擎飛輪對準起動台膠輪以起動引擎。  
依據引擎工廠說明書, 調整引擎至最佳性能。



Connect with 12V battery.

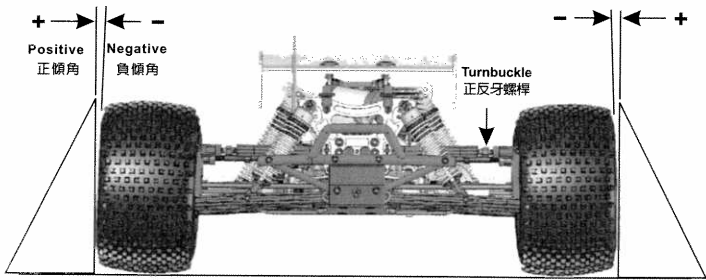
Note the direction of the starter.



Starter Box (Not Included)  
起動台

# SETTING GUIDE 輪胎角度設定

## FRONT CAMBER ANGLE SETTING 前胎輪傾角調整

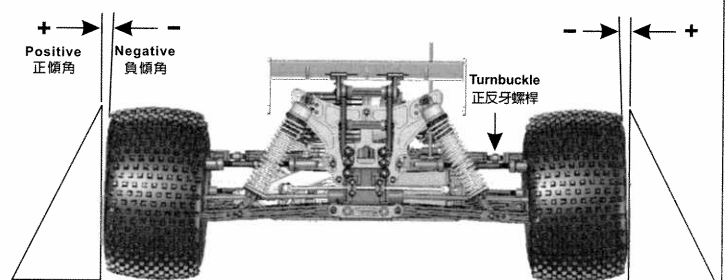


Place the model car on flat surface. Raise the chassis to its maximum clearance before the wheels leave the ground.  
Adjust the length of the front and rear upper arms so that the wheels are right angle to the ground.

The camber angle adjustment can be moving the turnbuckle rod on the upper arms, clockwise or anti-clockwise.

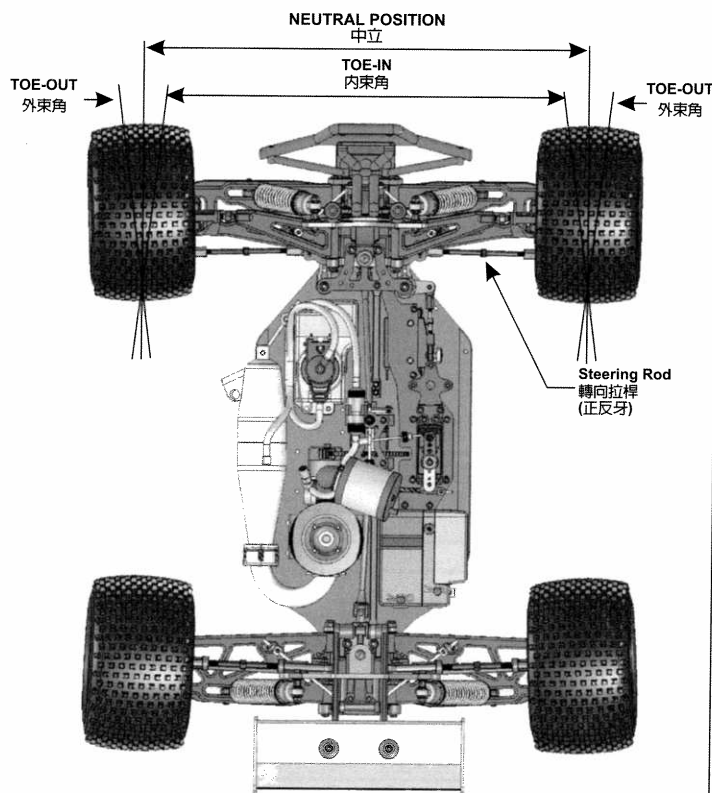
(We suggest use zero degree for the front and 1.5 negative degree for the rear.)

## 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



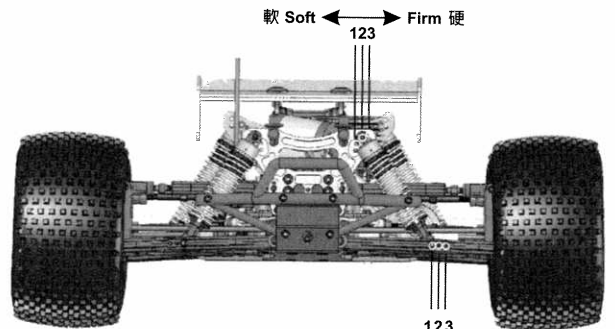
Adjust the length of front steering rod to change the toe angle. 改變前輪轉向拉桿之長度可以改變前輪"內束角"與"外束角"。

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

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

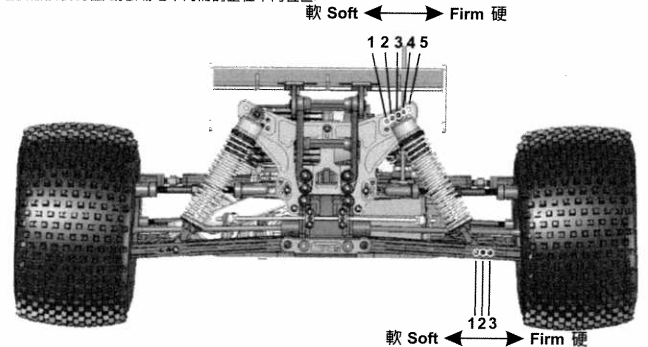
前油壓避震器會因安裝在不同位置, 而會使懸吊系統產生不同硬軟變化。前油壓避震器裝配位置愈往車體中心, 懸吊反應變軟。前輪懸吊系統軟硬不同, 會產生不同轉向特性。油壓避震器按裝孔位, 請依場地不同而調整在不同位置。



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

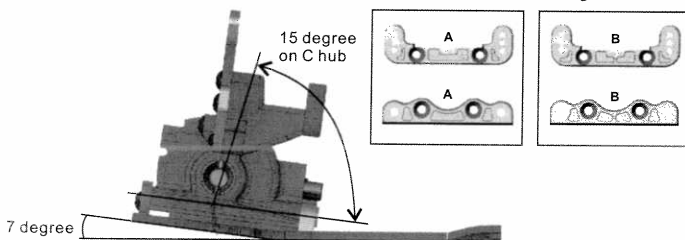
後油壓避震器會因安裝在不同位置, 而會使懸吊系統產生不同硬軟變化。後油壓避震器裝配位置愈往車體中心, 懸吊反應變軟。後輪懸吊系統軟硬不同, 會產生不同捉地力特性。油壓避震器按裝孔位, 請依場地不同而調整在不同位置。



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

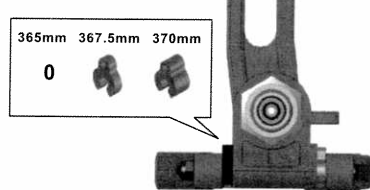
## CASTER ANGLE

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



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.

X1-Truggy PRO 零件表

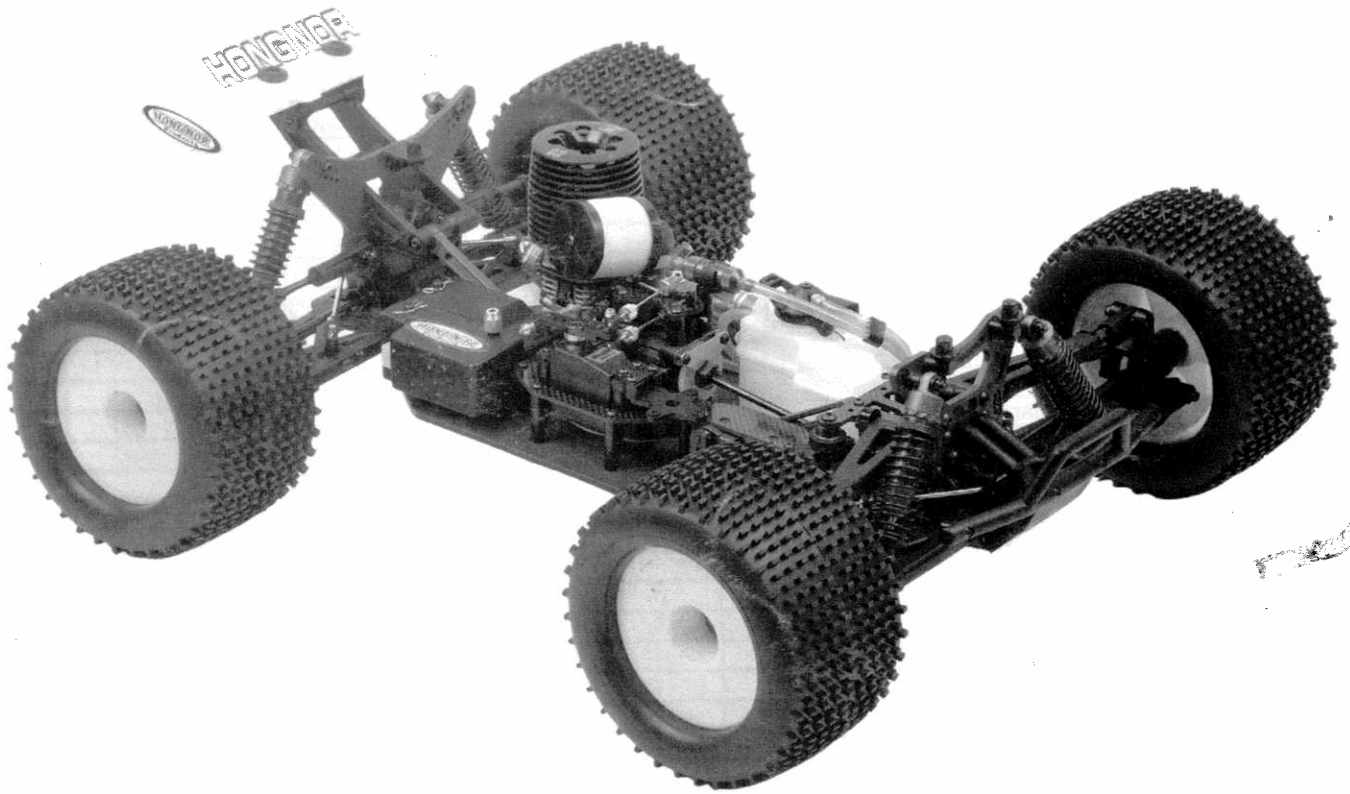
編號	品名	數量	編號	品名	數量
A-17A	剎車桿	2	X1S-10	35mm 3片式飛輪	1
A-34B	平衡桿鐵球	2	X1S-11	底重心引擎座	2
A-40A	轉向塑膠球頭	6	X1S-12	CNC 後Toe-in板-2.5°	1
A-41A	6mm球型	6	X1S-19	特殊鋼材擺臂軸3mm(短)	4
A-47A	5x10培林	2	X1S-20B	前平衡桿2.5mm	1
A-53A	油門彈簧	2	X1S-21B	後平衡桿2.8mm	1
A-56	天線管	1	X1S-22	防水盒防震海綿	1set
A-77G	4x10x0.15 墊片	4	X1S-26	鋁合金下擺臂固定座 (B)	1
A-80A	鋁調整螺帽	1	XT-05H	4mm前下補強板 7075硬陽	1
A-80B	剎車塑膠模	1	XT-06H	4mm後下補強板 7075硬陽	1
B-25	中卡胎內海棉	2	XT-07	62T 鋼大直齒	1
B-27	中卡細狗骨胎	2	XT-08	聯結式傳動軸 (前/後)	2
B-28Y	中卡平面框 28mm	4 pcs	XT-11	4x80 正反牙拉桿	2
C-27	伺服機固定座(平輪式)	1組	XT-12	5x80 正反牙拉桿	2
E-07	P3 O環	8	XT-13	中差支柱	4
E-37	6mm球型座	6	XT-14	Truggy 剎車拉桿組	1
E-41	1/10 R型插梢	10	XT-14A	剎車伺服桿 2x68mm	3
G-06	剎車夾片	4	XT-15	剎車凸軸	1
G-09	7mm擺臂外端塑膠球頭	6	XT-16	玻璃纖維剎車碟	2
G-10	7mm轉向拉桿塑膠球頭	8	XT-17	前上擺臂模	1模
G-25	7mm球形	6	XT-18	前後下擺臂模	2模
G-26	5x35mm正反牙	2	XT-19	X1-Truggy 防撞板	1組
J-03A	P6O環(橘色)	2	XT-20	中支柱/前車殼柱/伺服機固定座	1模
J-03B	2.5x13.8mm滾針	2	XT-21	定風翼	1
J-03C	差速器防漏墊片	3	XT-22	避震器塑膠件	1模
J-20	13x16x0.2mm差速器墊片	4	XT-23	X1-Truggy 車殼(透明)	1
J-29	緩衝組彈簧(黑)	1	XT-25	X1-Truggy螺絲包	1
J-30	緩衝組調整環	1	XTS-01	7075 CNC 底盤	1
J-33	緩衝組六角螺絲	2	XTS-02	7075 CNC 4mm前油壓架	1
J-34	7mm圓球(黑)	4	XTS-03	7075 CNC 4mm後油壓架	1
J-35	3mm鋁錐型墊片	4	XTS-04	碳纖二樓板	1
J-36	中差座塑膠模	1模	XTS-05	CNC中央補強桿 前後	1組
J-40	剎車夾片彈簧	4	XTS-06	聯結式中央傳動軸(前/後)	2
J-45	排氣管固定鋁座	1	#106	離合器罩(13T)	1
J-47F	M2.5尼龍帽	4	#112B	黑色墊片	8
J-51	油箱	1	#139	彎管彈簧	2
JS-06B	4x8 凸培林	2	#150	開關防塵套	1
JS-14B	6x10 培林	4	#155B	R型插梢(短)	4
L-26	3x36 正反牙	2	#158	鋁輪檔	6
PI-801C	彈簧	3	#159	油管	1
PI-801D	排氣接嘴	2	#174C-金	三片離合器彈簧 1.1mm	3
PI-802A	一體式排氣管053	1	#180D	中心螺帽(SG軸)	1
PI-806	一體式排氣管/彎管	1組	#195	5mm內六角引擎座螺絲	4
PI-806B	一體式U型彎管	1	#254	濾油隔	1
X1-07H	緩衝組連接板(硬陽)	1	#264B	7mm 飛輪銅套	1
X1-10H	緩衝組鋁管(硬陽)	1	#267D	8x16培林	8
X1-11	緩衝組支柱	2	#267E	2.5x16.8mm滾針	4
X1-13	鋁差速齒(20Tx2,10Tx4)	1組	#277A	5x8 凸培林	2
X1-14	差速接杯	2	#312	伺服片	1
X1-15	剎車接杯	2	#315A	避震器軸心(前)	2
X1-16	13T小傘齒	1	#315S	避震器修理包	1
X1-17	43T大傘齒	1	#316A	避震器軸心(後)	2
X1-26	17mm六角輪座	2	#333B	鋁合金三片離合器片(藍)	3
X1-26A	17mm六角螺帽	2	#356	空氣濾清器	1
X1-27	轉向襯套	4	#356A	濾清器海綿	2
X1-28	大王梢螺絲	4	#356B	濾清器彎管	1
X1-31	一體式避震器上支座	4	#363	鋁合金十字軸心	6
X1-33	差速箱前後蓋	1	#364	天線管固定螺帽	1
X1-34	擺臂固定座模	1模	#365	外牙避震器組(前),13mm	1 set
X1-36	C型座 L,R	1模	#365B	13mm 避震器筒身(前)	2
X1-38	差速殼	1	#365C	13mm 硬陽油壓蓋	4
X1-39	緩衝組/補強桿/油箱柱	1模	#365D	避震器調整環	4
X1-40	後輪座/後上臂/防撞板	1模	#365E	避震器防塵套(桔)	4
X1-41	防水盒塑膠模	1模	#365F	15x1 O環	4
X1-42	定風翼架塑膠模	1模	#365G	避震器防塵棉	4
X1-48	特殊M3尼龍帽	2	#365P	13mm 避震活塞(白)	4
X1-49	排氣管固定桿	1	#366	外牙避震器組(後), 13mm	1 set
X1S-05	碳纖三角板	1	#366B	13mm 避震器筒身(後)	2
X1S-06	碳纖中差板	1	#367	避震器氣室(桔)	4
X1S-07	CNC 轉向座-L,R(硬陽)	1 set	#369	避震器彈簧(藍色)硬	1組

### X1-Truggy PRO Spare Parts List

Part No.	Description	Q'TY	Part No.	Description	Q'TY
A-17A	Brake Lever	2	X1S-10	35mm 3pin Flywheel	1
A-34B	Stabilizer Ball End	2	X1S-11	Engine Mount (Lowere Type)	2
A-40A	6mm Ball End (Plastic)	6	X1S-12	CNC Rear Toe-in Plate-2.5°	1
A-41A	6mm Ball & Socket	6	X1S-19	SPL Arms Shaft (full set)	10
A-47A	Ball Bearing 5X10X4	2	X1S-20B	Front Stabilizer 2.5mm	1
A-53A	Throttle Spring	2	X1S-21B	Rear Stabilizer 2.8mm	1
A-56	Antenna Pipe	1	X1S-22	Protect Foam for Receiver Box	1set
A-77G	4x10x0.2 Washer	4	X1S-26	CNC Front Arm Holder (Lower, B Type)	1
A-80A	2mm Brake Adjust Nut	1	XT-05H	4mm Front Lower Arm Holder	1
A-80B	Throttle Linkage Plastic	1	XT-06H	4mm Rear Lower Arm Holder	1
B-25	Truck Inner Sponge / TRX Size	2 pcs	XT-07	Steel Spur Gear 62T	1
B-27	1/8 Brick Pin Tires /TRX Size	2 pcs	XT-08	Universal Joint, front or rear	2
B-28Y	17mm Dish Wheel, off-set 28mm, Yellow	4 pcs	XT-11	Turnbuckle 4x80mm	2
C-27	Servo Fixing (Lay down)	1	XT-12	Turnbuckle 5x80mm	2
E-07	P-3 O-Ring	8	XT-13	Center Diff. Mount Post	4
E-37	6mm Ball & Socket	6	XT-14	Brake Linkage System	1
E-41	Body Pin (S)	10	XT-14A	Brake Rod, 2x68mm	3
G-06	Brake Pads	4	XT-15	Brake Cam	1
G-09	Plastic Arm Ball End, 7mm	6	XT-16	Brake Disk (Fiber-Glass)	2
G-10	Steering 7mm Ball	8	XT-17	Front Upper Arms	1
G-25	7mm Ball	6	XT-18	Lower Arms F/R	2
G-26	5x35 Turnbuckle	2	XT-19	Truggy Bumper	1
J-03A	P-6 O-Ring	2	XT-20	Body Post and Servo Mount	1
J-03B	2.5x13.8 pin	2	XT-21	Truggy Wing	1
J-03C	Diff. Gaskets	3	XT-22	Plastic Shock Parts Set	1
J-20	Diff Bevel Gear Shim 13x16x0.2mm	4	XT-23	X1-Truggy Body, Clear	1
J-29	Servo Saver Spring (Black)	1	XT-25	X1-Truggy Screw Bag	1
J-30	Servo Saver Adjustment Ring	1	XTS-01	Chassis, CNC 7075	1
J-33	Steering Plate Hex Screws	2	XTS-02	CNC 7075 4mm Shock Stay F	1
J-34	7mm Balls (Black)	4	XTS-03	CNC 7075 4mm Shock Stay R	1
J-35	Alum. 3mm Tapered Washers	4	XTS-04	2.0 Graphite Radio Tray	1
J-36	Center Diff Mount	1	XTS-05	CNC 7075 Chassis Brace, F&R	2
J-40	Brake Pad Springs	8	XTS-06	Universal Joint, Center	2
J-45	Muffler Stay Post	1	#106	Clutch Bell 13T	1
J-47F	M2.5 Nut	4	#112B	1mm Washer (black)	8
J-51	Fuel Tank	1	#139	Manifold Spring	2
JS-06B	Bearing, 4x8 Flange, 2pcs	2	#150	Switch Cover	1
JS-14B	6x10 Ball Bearing	4	#155B	Body Clips	1set
L-26	3x36mm Turnbuckle	2	#158	Alum. Stopper	6 pcs
PI-801C	1/8 Spring	3	#159	Fuel Tube (45cm)	1
PI-801D	1/8 Seal, Silicone	2	#174C-go	3 pcs Clutch Spring, Gold	3 pcs
PI-802A	1/8 In-Line Pipe, 053	1	#180D	Pilot Shaft, SG	1
PI-806	1/8 In-Line Pipe Set, 053	1 set	#195	Engine Mount Screw 5mm	4
PI-806B	1/8 Manifold, Round Style	1	#254	Fuel Filter, Hard-Coated	1 pc
X1-07H	Servo Saver Connecting Plate (Hard-Coated)	1	#264B	Taper Cone 7mm Brass	1
X1-10H	Alum. Servo Saver Tube (Hard-Coated)	1	#267D	8x16 Ball Bearing	8
X1-11	Servo Saver Post	2	#267E	2.5x17 Pins	4
X1-13	Diff. Gear (small & large )	1set	#277A	5x8 Flange Bearing	2
X1-14	Cap Joint for Diff.	2	#312	Universal Servo Horn	1
X1-15	Brake Cap Joint	2	#315A	Shock Shafts (Front)	2
X1-16	Steel Bevel Gear 13T (Small)	1	#315S	Shock Repair Kit	1
X1-17	Steel Bevel Gear 43T (Large)	1	#316A	Shock Shafts (Rear)	2
X1-26	17mm Wheel Hub	2	#333B	Alum. Clutch Shoe, (Lighter) Blue	3
X1-26A	17mm Wheel Nut	2	#356	Air Filter	1
X1-27	Knuckle Arm Bushing	4	#356A	Air Filter Foam	2
X1-28	King Pin Screw	4	#356B	Air Filter Connector	1
X1-31	Shock Ball End Post/one- piece/Top	4	#363	Alum. Diff Cross Pin (Hard-Coated)	6
X1-33	Gear Case	1	#364	Antenna Pipe Fixing Nut	1
X1-34	Arms Holder, Plastic	1set	#365	Front Shock Absorber ,13mm	1 set
X1-36	Front C Hub	1set	#365B	Shock Body Front, 13mm	2
X1-38	Diff. Case (F&R)	1	#365C	Shock Cap, 13mm	4
X1-39	Plastic Servo Saver & Center Bracer	1set	#365D	Shock Spring Adjuster	4
X1-40	Rear Upper Right	1set	#365E	New Shock Shaft Dust Covers	4
X1-41	Receiver Box	1set	#365F	15x1 O-Ring	4
X1-42	Wing Stay Set	1set	#365G	Dust Felt for Shock Absorber	4
X1-48	M3 Nylon (Thin Type)	2	#365P	Shock Piston, 13mm	4
X1-49	Muffler Stay	1	#366	Rear Shock Absorber , 13mm	1 set
X1S-05	Graphite Front Plate	1	#366B	Shock Body Rear, 13mm	2
X1S-06	Graphite Center Diff. Mount Plate	1	#367	Shock Pressure Top, Orange	4
X1S-07	CNC Steering Knuckle Arm(Hard-Coated)	1set	#369	Shock Spring, Blue	4

# X1CRT PRO

COMPETITION RACER



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