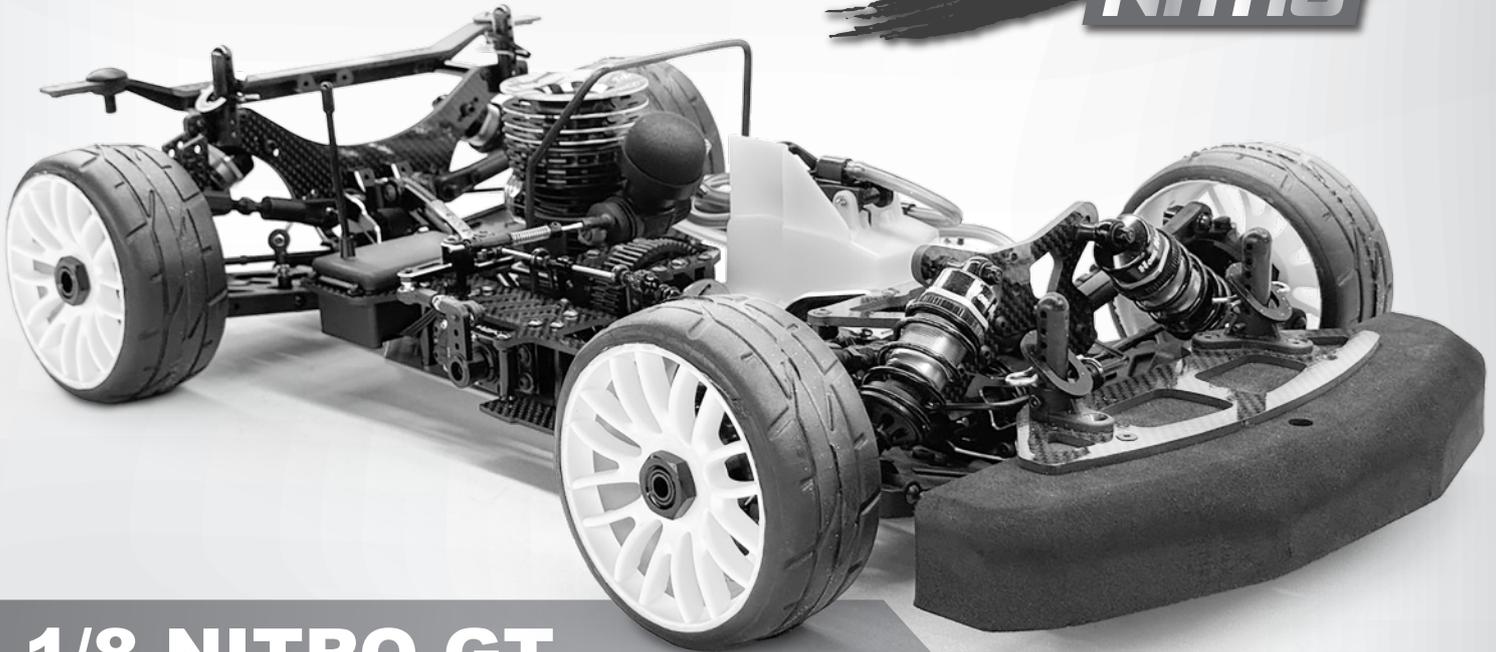




X3 GT '25

NITRO



1/8 NITRO GT CHAMPION EVOLUTION EDITION

INSTRUCTION MANUAL

Accessories

- Carbon Front Bumper
- Carbon Low Profile Rear Shock Stay
- Complete CVA Driveshaft
- New 150cc Fuel Tank
- 7075 CNC Chassis Brace (F/R)
- 7075 CNC Lightweight Chassis
- Adjustable GT Clutch Set
- Brake Caliper Set
- 7075 CNC Suspension Bracket (FF/FR)
- 16mm Large Shock Absorber
- 4mm Carbon Fiber Front Shock Tower
- Whole New M0.8 2-Speed Drive System
- New Adjustable Anti-roll Bar Set
- Adjustable Clutch-bell Alum. Nickel
- Rear Body Fasten Set
- Aluminum Clutch Gear
- High Hardened Steel Shock Spring
- Front And Rear Sealed Differential
- Aluminum Angle Adjustable C-Hub
- Carbon Radio Plate
- CNC Machined Hardened 13 Tooth Bevel Pinion Gear
- CNC Machined Hardened 44 Tooth Bevel Gear
- 3.5m Carbon Fiber Center Upper Plate
- Aluminum 7075 CNC Bulkhead (F/R)

THIS IS NOT A TOY !

NOT ALLOWED FOR CHILDREN UNDER 16 YEARS OLD.

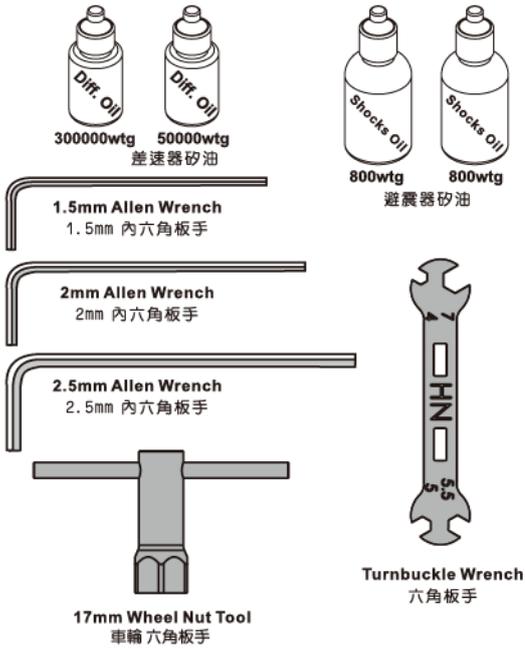
INSTRUCTIONS FOR ENGINE / MOTOR, ELECTRONICS / RADIO MUST BE READ BEFORE USE.

ACTUAL KIT MAY DIFFER FROM PICTURE.
ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

mit
MADE IN TAIWAN

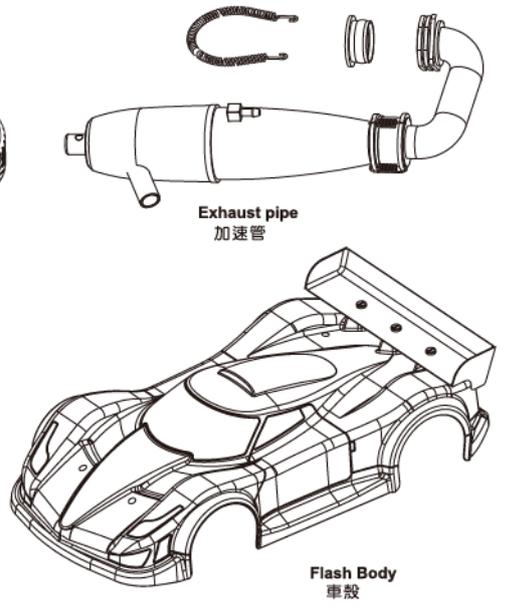
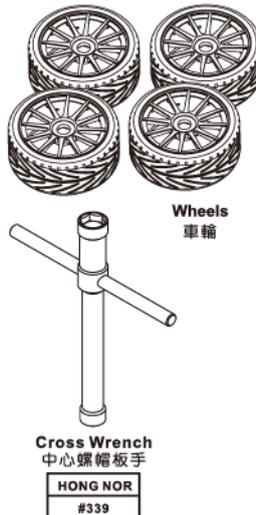
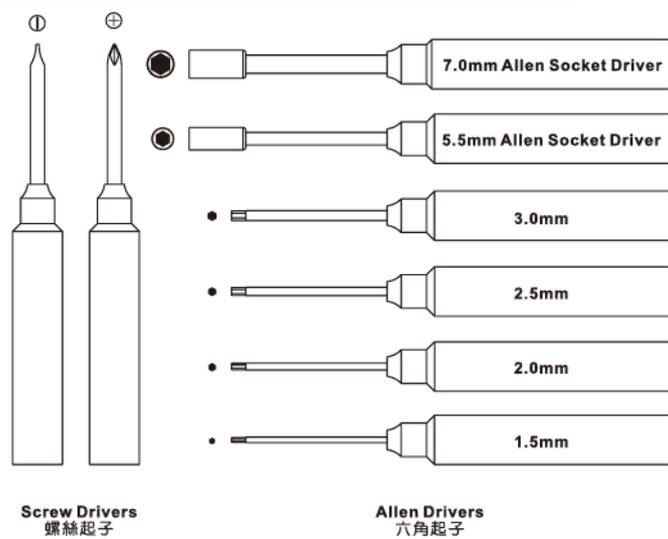
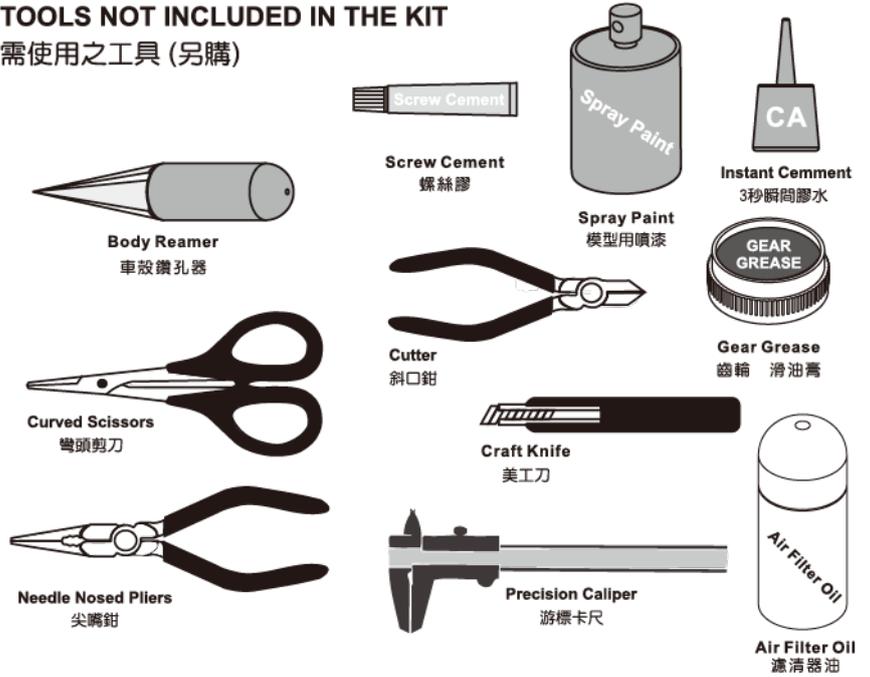
INCLUDED ITEMS

附帶用品



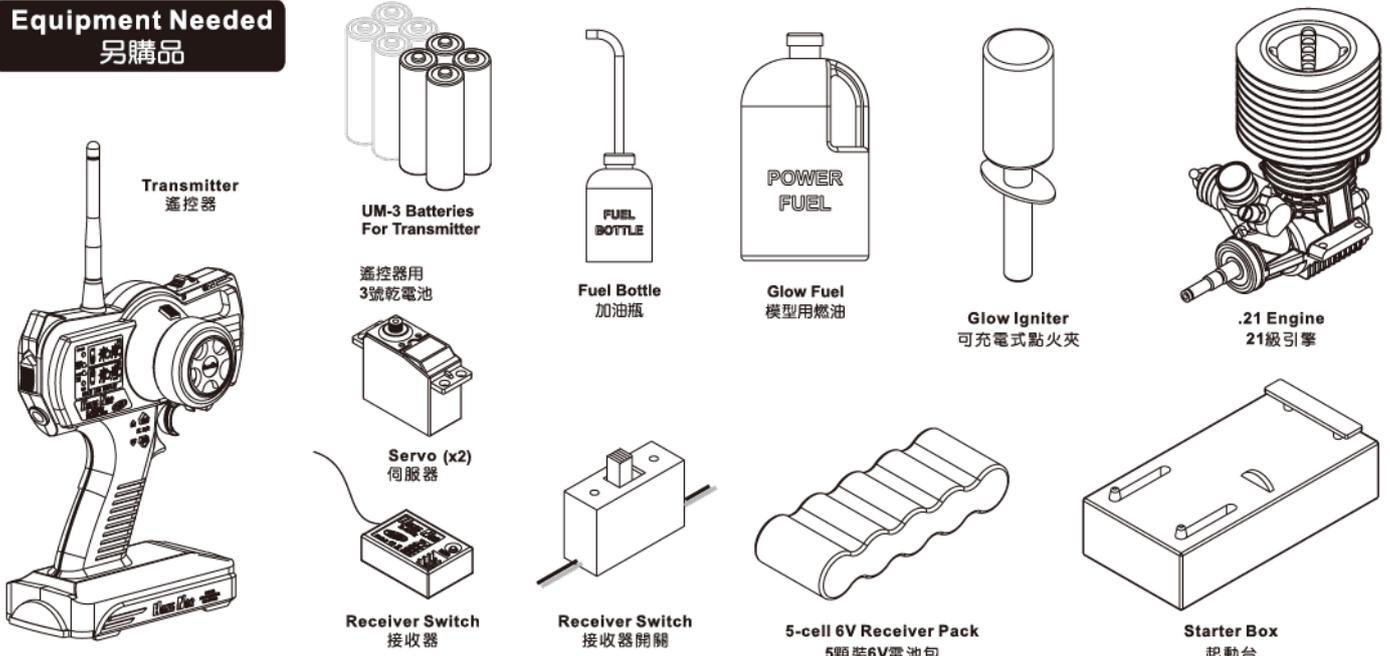
TOOLS NOT INCLUDED IN THE KIT

需使用之工具 (另購)



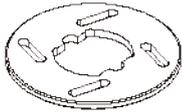
Equipment Needed

另購品



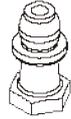
PARTS REFERENCE 零件圖1

X3-24
SPL CNC Brake Disc 31mm



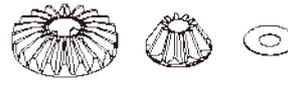
1pcs

X1-31
Shock Ball End Post / One-piece / Top



4pcs

X3-03
Diff. Gear 10Tx4, 20Tx2, 0.15mmx4

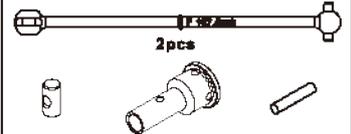


2pcs

4pcs

4pcs

X3-04
Front wheel CVD Shaft Set, 107.5mm



2pcs

2pcs

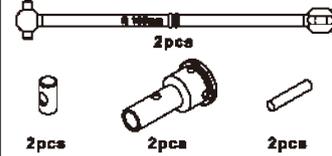
2pcs

X3-04A
Front Wheel CVD Shaft, 107.5mm



2pcs

X3-05
Rear Wheel CVD Shaft Set, 105mm



2pcs

2pcs

2pcs

X3-05A
Rear Wheel CVD Shaft, 105mm



2pcs

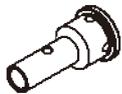
X3-06
Drive Shaft Insert / 2.8x12.8 Pin



4pcs

4pcs

X3-07
CVD Wheel Axle



2pcs

X3-13
3.5 x 45.8 Rear Upright Shaft



2pcs

X3-14
Steering King Pin



4pcs

X3-16
Servo Saver Post



2pcs

X3-17
Alum. Servo Saver Tube



1pcs

X3-18-BK
Servo Saver Adjuster, 12 x 1.7 O-Ring



1pcs

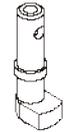
1pcs

X3-21
Servo Saver Screw



4pcs

X3-26
Brake Cam



2pcs

X3-26
Brake Pad Spring



4pcs

X3-28
Brake Rod Spring



2pcs

X3-31
7x8.6mm Ball & Socket



4pcs

X3-32
7x12mm Ball & Socket



4pcs

X3-33
Hex 4mm Ball & Socket



2pcs

X3-34
2.5x11.8 Pins



10pcs

X3-35
2.5x12.8 Pin



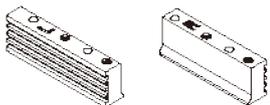
10pcs

X3-36
Brake Linkage Rod 1.8 x 95mm



1pcs

X3-37
Engine Mount L&R (Black)



1pcs

1pcs

X3-38
Diff Gasket 31x20x0.3



3pcs

X3-39
4x8mm Engine Mount Screw



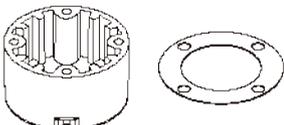
4pcs

X3-40
4x10mm Set Screw, Round Head



4pcs

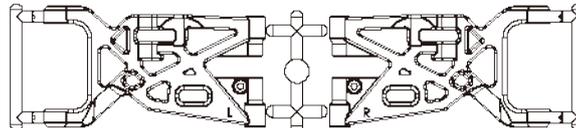
X3-43
Diff. Case (F&R)



1pcs

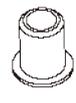
1pcs

X3-45
Front Lower Arms L&R



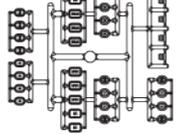
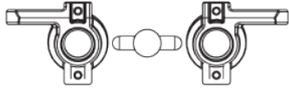
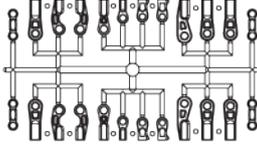
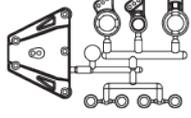
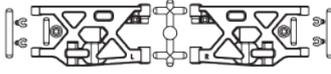
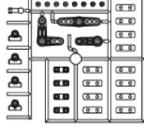
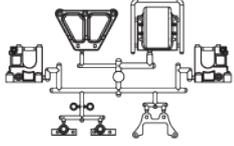
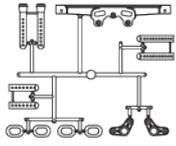
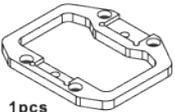
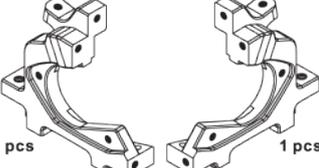
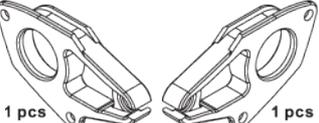
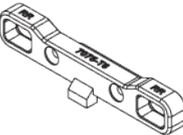
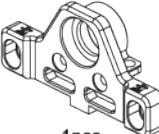
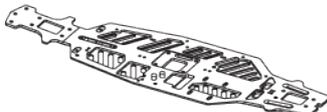
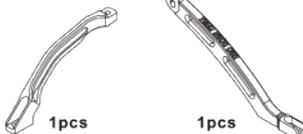
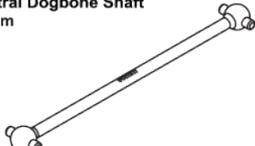
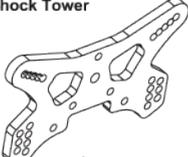
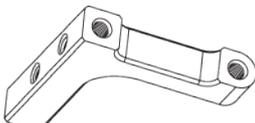
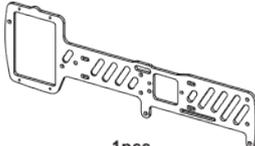
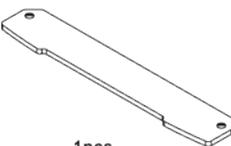
1pcs

X3-48B
Front Arm Bushing

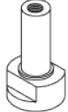
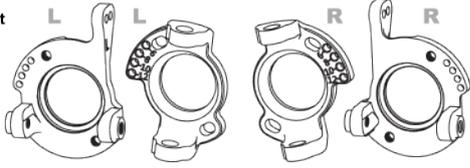
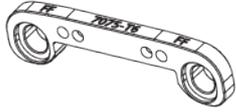
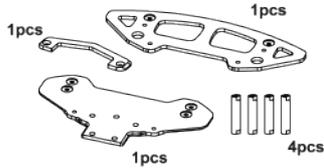
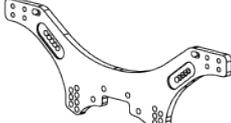
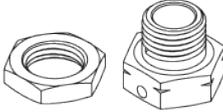
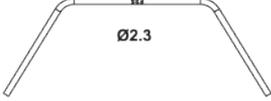
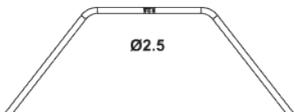
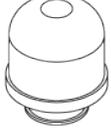
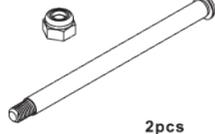
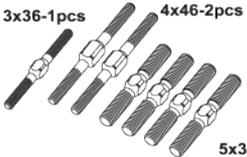
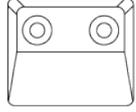
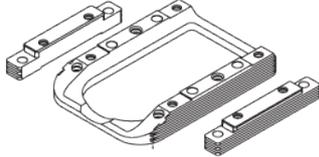


4pcs

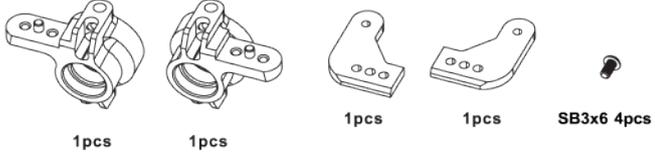
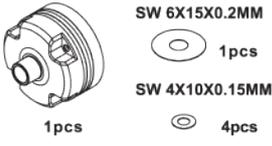
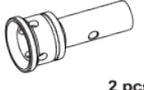
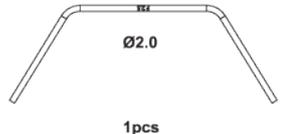
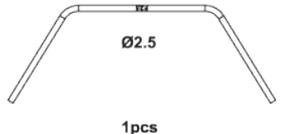
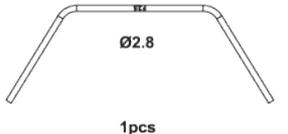
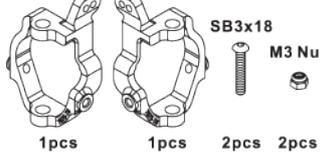
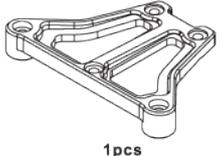
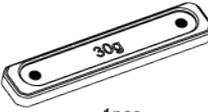
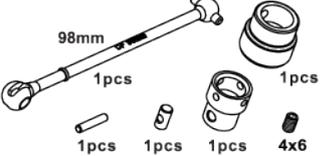
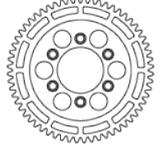
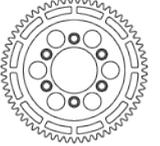
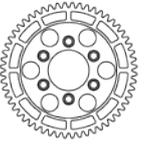
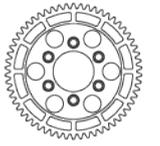
PARTS REFERENCE 零件圖2

<p>X3-46 Suspension Eccentric Bushing</p>  <p>1pcs</p>	<p>X3-47 Steering Knuckle Arm L,R</p>  <p>1pcs</p>	<p>X3-50 Plastic Rod End</p>  <p>1pcs</p>	<p>X3-51 Servo Saver Set/Front Top Deck</p>  <p>1pcs</p>
<p>X3-53 Rear Lower Arms L&R</p>  <p>1pcs</p>	<p>X3-59 Throttle/Steering Level Set</p>  <p>1pcs</p>	<p>X3-61 8x14 Ball Bearing</p>  <p>4pcs</p>	<p>X3-62 13x20 Ball Bearing</p>  <p>4pcs</p>
<p>X3-83 Center Diff Holder Part</p>  <p>1pcs</p>	<p>X3-84 Body Mount</p>  <p>1pcs</p>	<p>X3.6-07 4x68mm Arms Shaft</p>  <p>2pcs</p>	<p>X3GT-05A Metal Rear Brake Disc (SMALL)</p>  <p>1pcs</p>
<p>X3GT-11 Servo Saver Spring - Hard</p>  <p>1pcs</p>	<p>X3GT-16 3.5mm C/F Diff Set</p>  <p>1pcs 2 pcs SB3x8 2 pcs</p>	<p>X3GT-18C 3mm Carbon front shock end plate</p>  <p>1 pcs 1 pcs</p>	<p>X3GT-18D 3mm Carbon Rear shock end plate</p>  <p>1 pcs 1 pcs</p>
<p>X3GT-18E 3mm Washer</p>  <p>1 pcs 1 pcs</p>	<p>X3GT-29 CNC DIFF. CASE L,R</p>  <p>1 pcs 1 pcs</p>	<p>X3GT-30 CNC Bearingblock L,R</p>  <p>1 pcs 1 pcs</p>	<p>X3GT-34 CNC 7075 Suspension Bracket,RR</p>  <p>1pcs</p>
<p>X3GT-40 Cup Joint For Planet Gear</p>  <p>2pcs</p>	<p>X3GT-45 CNC 7075 Suspension Bracket,FR(+6°)</p>  <p>1pcs</p>	<p>X3GT-46 CNC 7075 Suspension Bracket,RF(+2°)</p>  <p>1pcs</p>	<p>X3GT-86 A7075 4mm Main Chassis</p>  <p>1pcs</p>
<p>X3GT-611 Adjustable Clutch-bell Alum. Nickel</p>  <p>1pcs</p>	<p>X3GT-62 CNC 7075 CHASSIS BRACE (Front/Rear)</p>  <p>1pcs 1pcs 1pcs</p>	<p>3x12 3x10 3mm</p>  <p>4pcs 5pcs</p>	<p>X3GT-63 Central Dogbone Shaft 98mm</p>  <p>1pcs</p>
<p>X3GT-64A Front Shock Tower</p>  <p>1pcs</p>	<p>X3GT-65 Steering Servo Mount</p>  <p>2pcs</p>	<p>X3GT-87 Upper Deck</p>  <p>1pcs</p>	<p>X3GT-67 Battery Plate</p>  <p>1pcs</p>

PARTS REFERENCE 零件圖3

<p>X3GT-68 Linkage Arm Post</p>  <p>1pcs</p>	<p>X3GT-69 Linkage arm for throttle and Brake</p>  <p>1pcs</p>	<p>X3GT-71 Adjustable Caster Set</p>  <p>1 pcs 1 pcs 1 pcs 1 pcs</p> <p>4x8 4 pcs 2 pcs</p>	
<p>X3GT-72 Throttle and Brake Servo Mount</p>  <p>2pcs</p>	<p>X3GT-73 Handle</p>  <p>1pcs</p>	<p>X5-53 150cc Fuel Tank</p>  <p>1pcs</p>	<p>X3GT-77 Alum. Front Arm Mount(-3°)</p>  <p>1pcs</p>
<p>X3GT-78 Carbon Front Bumper Set</p>  <p>1pcs 1pcs 1pcs 4pcs</p>	<p>X3GT-79 4mm Carbon Low Profile Rear Shock Stay</p>  <p>1pcs</p>	<p>X3S-04 Diff. Cap Joint (Lightweight)</p>  <p>2pcs</p>	<p>X3S-15 17mm Wheel Hub + 1.9mm</p>  <p>2pcs</p>
<p>X3S-44 Alum Servo Saver Set</p>  <p>1pcs SNN3 2pcs 2pcs 2pcs 1pcs 2pcs</p>	<p>X3S-49 Alum Rear Wheel Hub, Carbon Plate(GT)</p>  <p>1pcs 1pcs 4pcs SB3x6 8pcs</p>	<p>X3S-56A Spirl Bevel Gear 44T</p>  <p>1pcs</p>	
<p>X3S-56B Spirl Bevel Gear 13T</p>  <p>1pcs</p>	<p>X3S-52 Adjustable Anti-roll Bar Set</p>  <p>4pcs 2pcs 2pcs 2pcs 2pcs</p>	<p>X3S-53 2.3 Front Anti-roll Bar 2.3mm</p>  <p>1pcs</p>	
<p>X3S-54 2.5 Rear Anti-roll Bar 2.5mm</p>  <p>1pcs</p>	<p>#334 1/10 Air Filter with foam</p>  <p>2pcs</p>	<p>#355 Brake Pad</p>  <p>2pcs</p>	<p>#387C-BK 16mm shock cap (Black Anodize)</p>  <p>4pcs</p>
<p>#429B 62T 1st Spur Gear</p>  <p>1 pcs</p>	<p>#429D 58T 2nd Spur Gear</p>  <p>1 pcs</p>	<p>#429F Clutch Gear (1st) 18T</p>  <p>1 pcs</p>	<p>#429H Clutch Gear (2nd) 23T</p>  <p>1 pcs</p>
<p>X3S-16 Rear Upright 3.5mm</p>  <p>2pcs</p> <p>OPT</p>	<p>X3S-18 Titanium TurnBuckle</p>  <p>3x36-1pcs 4x46-2pcs 5x35-4pcs</p> <p>OPT</p>	<p>X3S-21 Alum. CNC Rear Chassis Skid Plate</p>  <p>1pcs</p> <p>4x18 2pcs</p> <p>OPT</p>	<p>X3S-35 CNC 7075 Engine Mount</p>  <p>OPT</p>

PARTS REFERENCE 零件圖4

<p>X3S-33 Front Wheel Hub Set OPT</p>  <p>1pcs 1pcs 1pcs 1pcs SB3x6 4pcs</p>	<p>X3S-41 Aluminum Diff Case Set OPT</p>  <p>1pcs SW 6X15X0.2MM 1pcs SW 4X10X0.15MM 4pcs</p>	<p>X3S-45 7075 Alum CVD Wheel Axle OPT</p>  <p>2 pcs</p>	
<p>X3S-53 2.0 Front Anti-roll Bar 2.0mm OPT</p>  <p>Ø2.0 1pcs</p>	<p>X3S-53 2.5 Front Anti-roll Bar 2.5mm OPT</p>  <p>Ø2.5 1pcs</p>	<p>X3S-53 2.8 Front Anti-roll Bar 2.8mm OPT</p>  <p>Ø2.8 1pcs</p>	<p>X3S-54 2.3 Rear Anti-roll Bar 2.3mm OPT</p>  <p>Ø2.3 1pcs</p>
<p>X3S-54 2.8 Rear Anti-roll Bar 2.8mm OPT</p>  <p>Ø2.8 1pcs</p>	<p>X3S-54 3.0 Rear Anti-roll Bar 3.0mm OPT</p>  <p>Ø3.0 1pcs</p>	<p>X3GT-08 CNC C Hub, 0 Degree OPT</p>  <p>1pcs 1pcs SB3x18 M3 Nut 2pcs 2pcs</p>	<p>X3GT-09S 16mm Shock Spring-Soft OPT</p>  <p>4pcs</p>
<p>X3GT-10S 16mm Shock Spring-Hard OPT</p>  <p>4pcs</p>	<p>X3GT-19 CNC 7075 Front Top Deck OPT</p>  <p>1pcs</p>	<p>X3GT-70 Counterweight,30g OPT</p>  <p>1pcs</p>	<p>X3.6-15 Central Uni Shaft,CVD OPT</p>  <p>98mm 1pcs 1pcs 1pcs 4x6 1pcs</p>
<p>#429A 60T 1st Spur Gear OPT</p>  <p>1pcs</p>	<p>#4280 61T 1st Spur Gear OPT</p>  <p>1pcs</p>	<p>#429C 56T 2nd Spur Gear OPT</p>  <p>1pcs</p>	<p>#428P 57T 2nd Spur Gear OPT</p>  <p>1pcs</p>
<p>#429E Clutch Gear (1st) 17T OPT</p>  <p>1pcs</p>	<p>#428Q Clutch Gear (1st) 19T OPT</p>  <p>1pcs</p>	<p>#429G Clutch Gear (2nd) 22T OPT</p>  <p>1pcs</p>	<p>#428R Clutch Gear (2nd) 24T OPT</p>  <p>1pcs</p>
<p>#434 Lightweight Ball End Post OPT</p>  <p>4 pcs</p>	<p>#435 8mm Lightweight Cap Joint for Brake OPT</p>  <p>2 pcs</p>	<p>#440 Aluminum Shock Body Seal Retainer OPT</p>  <p>4 pcs</p>	

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



1:1 True-To-Scale
1:1原寸圖



Time
時間



Pay attention here
注意事項

1 ASSEMBLY OF THE FRONT AND REAR DIFF.

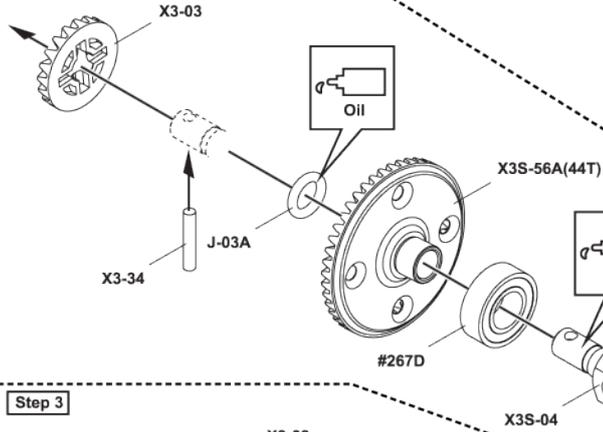
前後差速齒輪組合

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

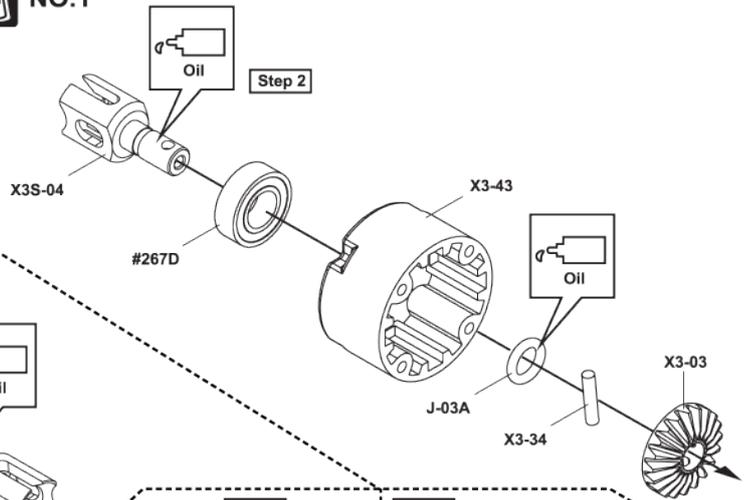


x2

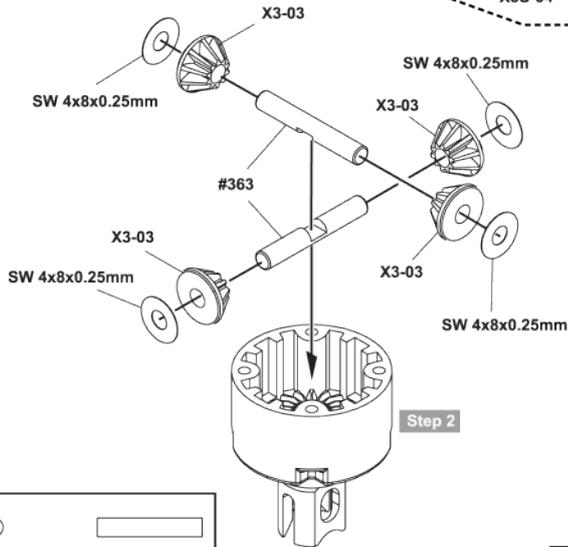
Step 1



Step 2



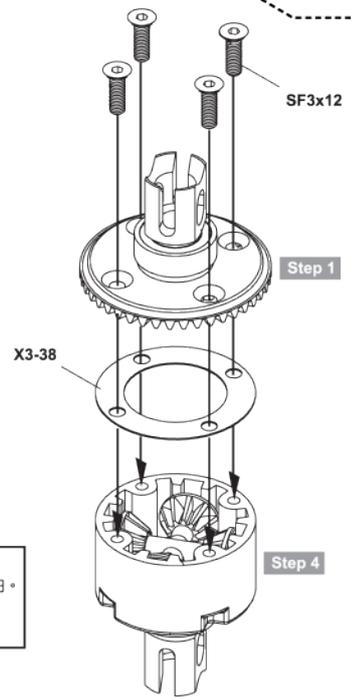
Step 3



Step 4



Step 5



- Use the Diff. Oil #500000 for front and #50000 for rear.
前差速器請使用 #500000 差速油，後差速器請使用 #50000 差速油。
- Use White Oil pen mark front diff. case and rear diff. case.
使用白色油漆筆標記前差速殼與後差速殼。

X3-34
2.5x11.8mm Pinx4
滾針

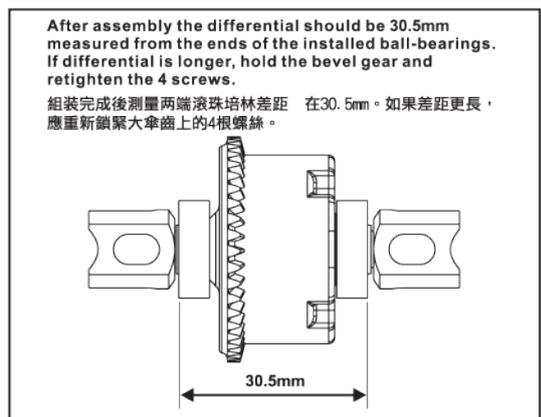
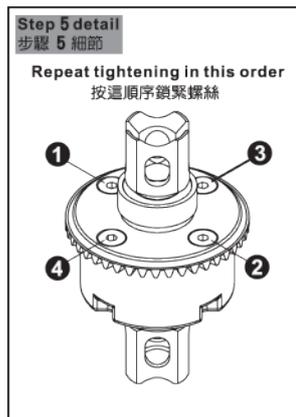
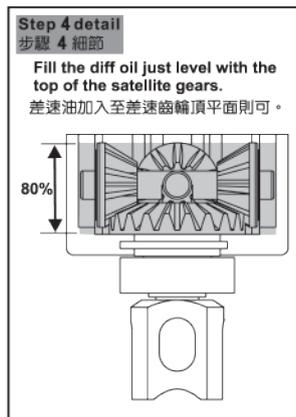
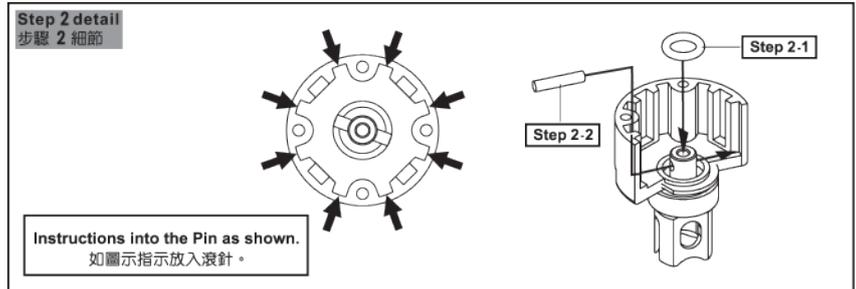
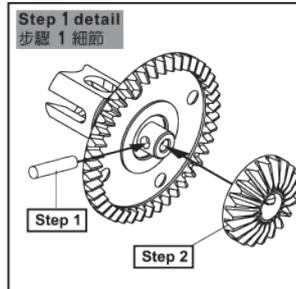
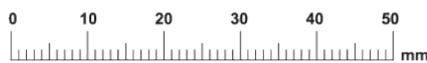
J-03A
P6 O-Ringx4
P6 O環

#267D
8x16x5mm
Ball Bearingx4
培林

SW 4x8x0.25
4x8x0.25mm
Washerx8
墊片

#363
4mm Alim. Cross Pinx4
4mm 鋁十字軸心

SF3x12mm
Flat Head Hex Screwx8
皿頭內六角螺絲

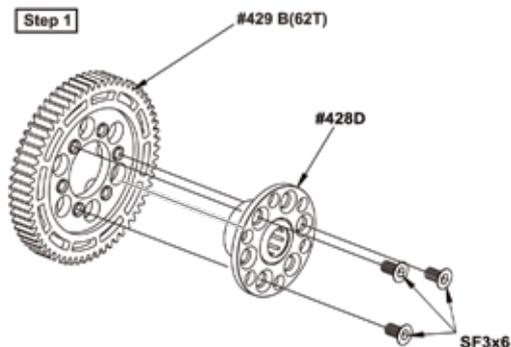


2 ASSEMBLY OF THE 2-SPEED TRANSMISSION 二段變速器組合

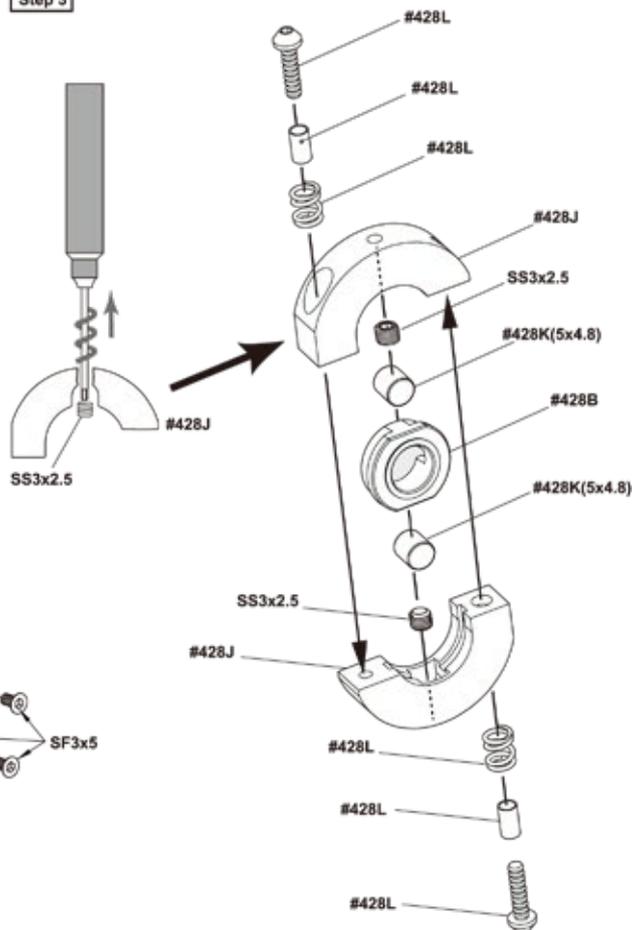


NO.5

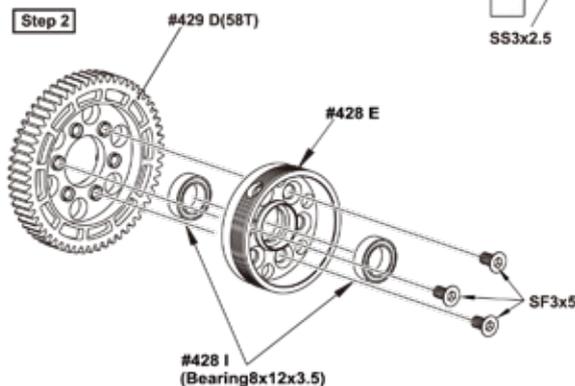
Step 1



Step 3



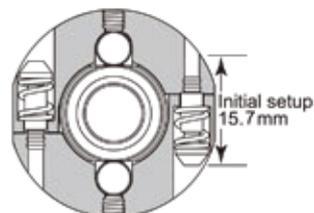
Step 2



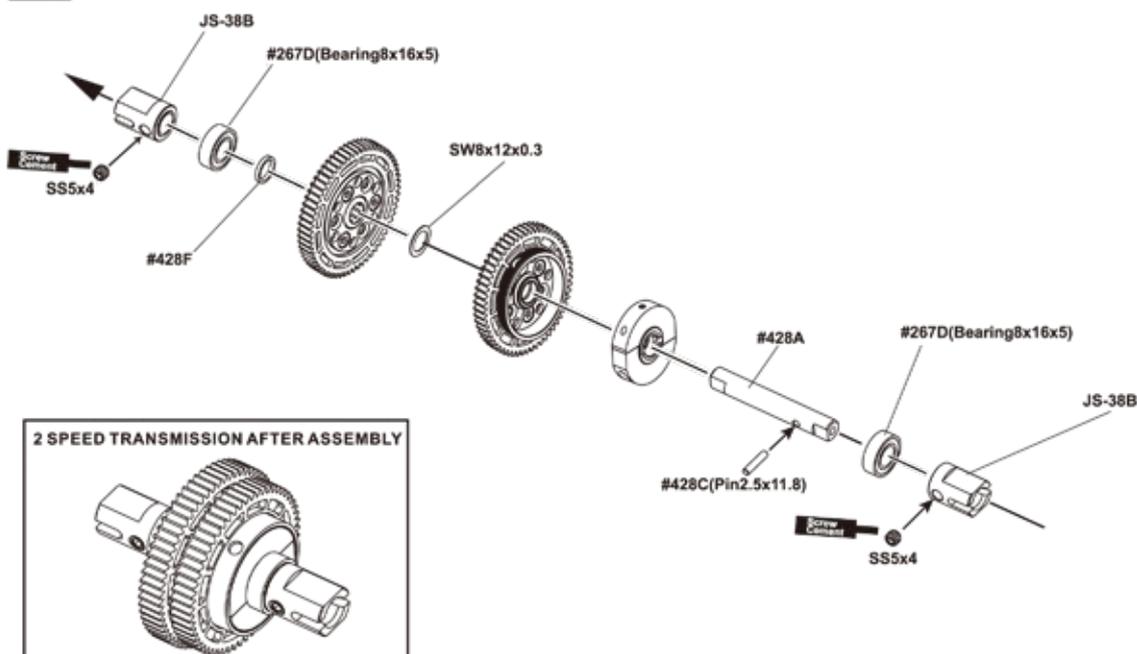
Step 4

Step detail
步驟細節

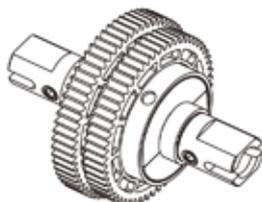
Please set the 2 speed screw distance like instruction in 15.7mm, shorter the distance will make 2 speed shift slower, longer the distance will make 2 speed shift early.
請將二段變速器的調整螺絲初始距離依圖示設在 15.7mm，此距離越短變速時間越晚，此距離越長變速時間越早。



Step 5



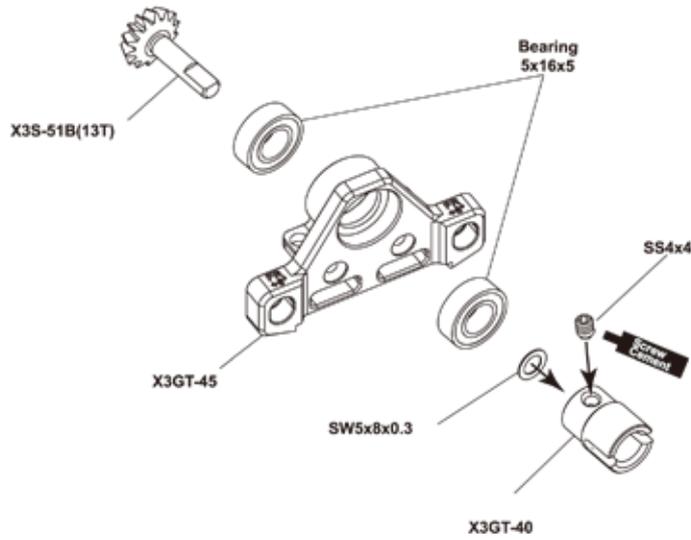
2 SPEED TRANSMISSION AFTER ASSEMBLY



- | | | | | | | | | | |
|--|---|--|--|-------------------------------------|--------------------------------------|---|------------------------------------|----------------------------------|---------------------------------|
| | | | | | | | | | |
| #428L
Clutch Shoes Screwx2
離合片螺絲 | SF3x6mm
Flat Head Hex Screwx3
皿頭內六角螺絲 | 8x12x3.5mm
Ball Bearingx2
培林 | SS3x2.5mm
Set Screwx2
止付螺絲 | 5x4.8mm
Roll Pinx2
圓柱顆粒 | SS5x4mm
Set Screwx2
止付螺絲 | #267D
8x16x5mm
Ball Bearingx2
培林 | 8x10x1.5mm
Spacerx1
隔環 | SW8x12x0.3
Shimx1
墊片 | 2.5x11.8mm
Pinx1
鋼針 |

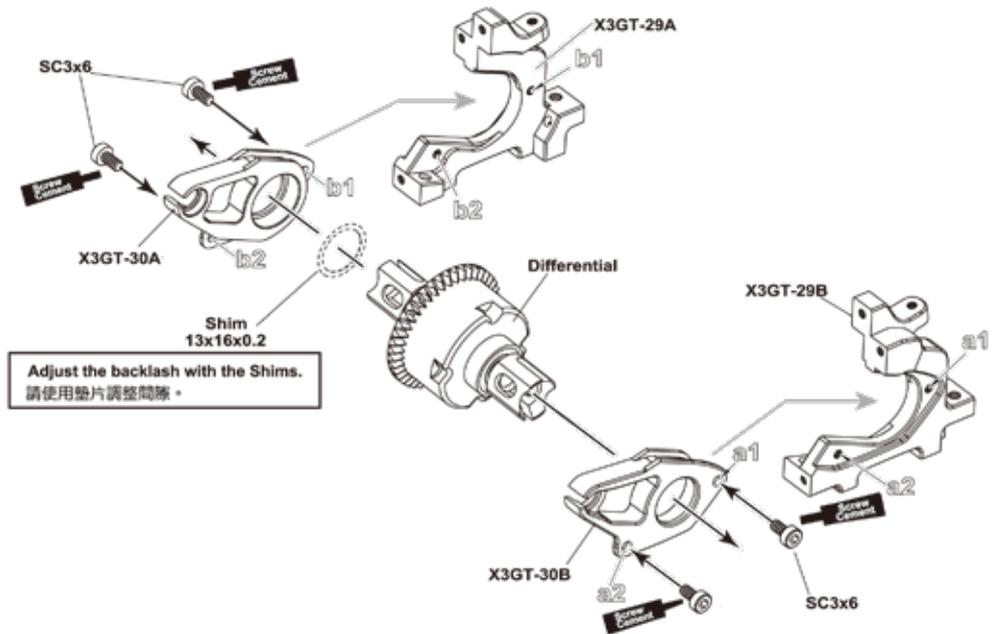
3 ASSEMBLY OF THE FRONT PINION GEAR
前小傘齒組合

BAG NO.2



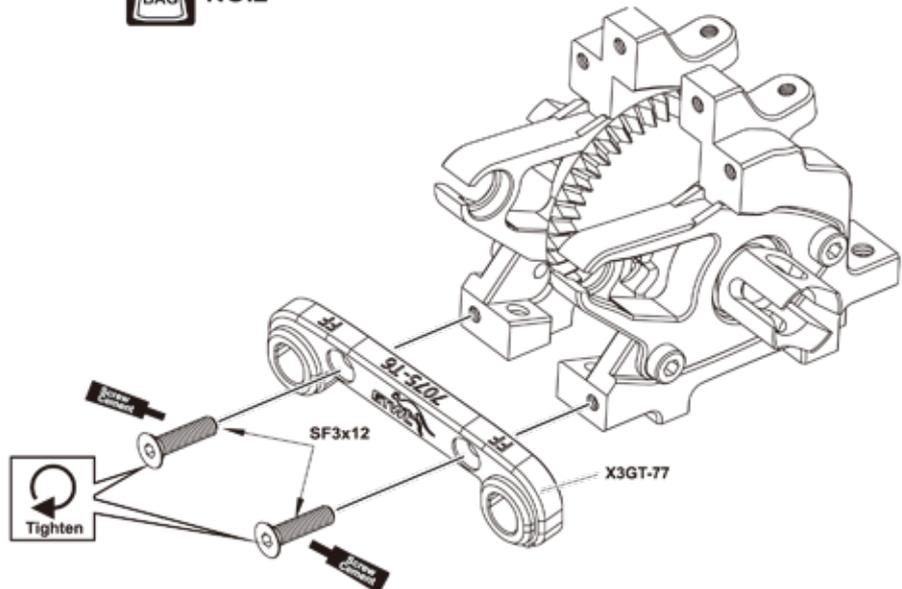
4 ASSEMBLY OF THE FRONT DIFFERENTIAL INTO GEAR CASE
前差速器與齒輪箱組合

BAG NO.2



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

BAG NO.2

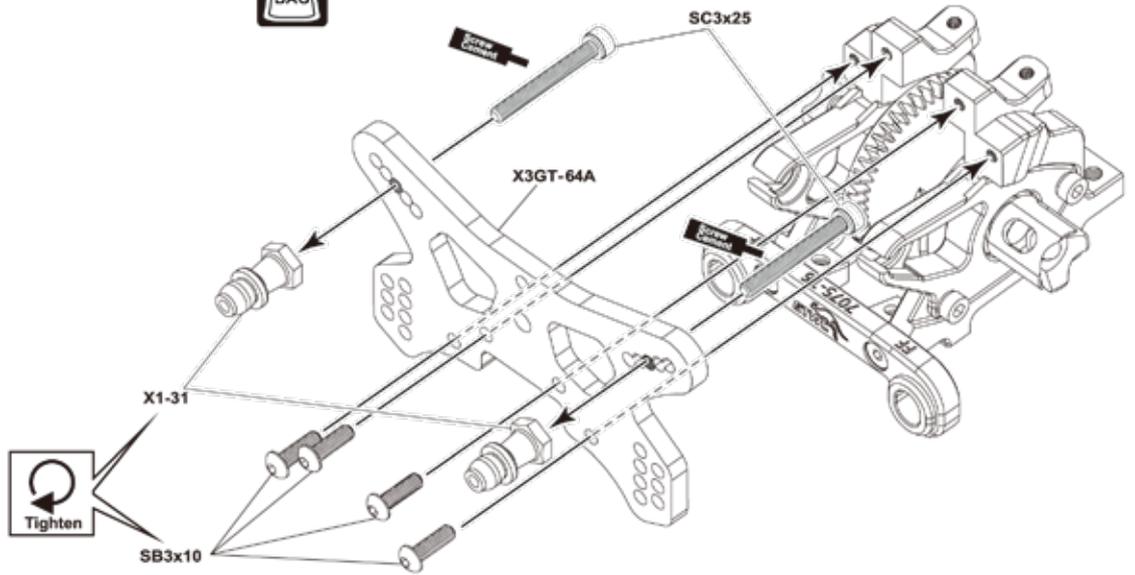
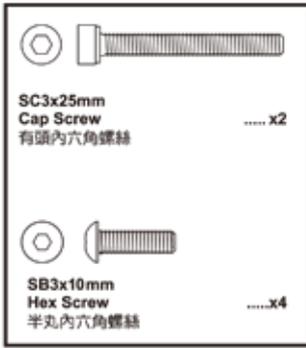


6 ASSEMBLY OF THE FRONT SHOCK STAY NO.2

前油壓架組合



NO.2

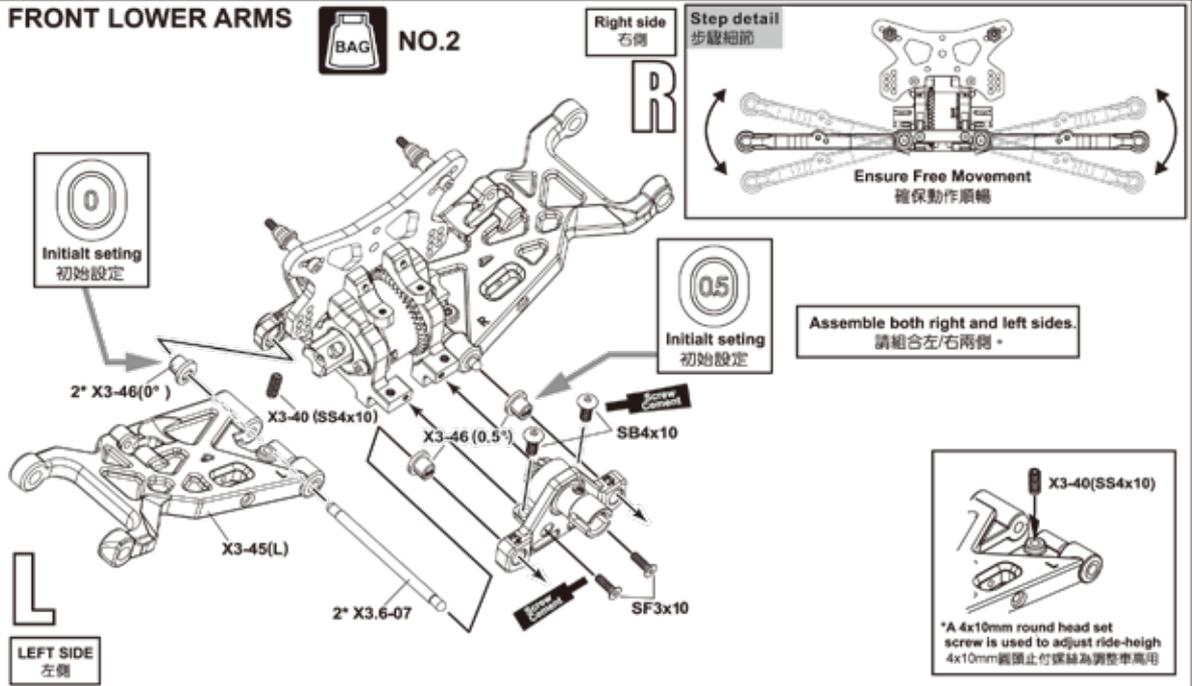


7 ASSEMBLY OF THE FRONT LOWER ARMS NO.2

前下擺臂組合



NO.2

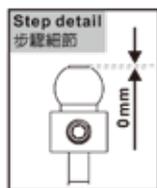
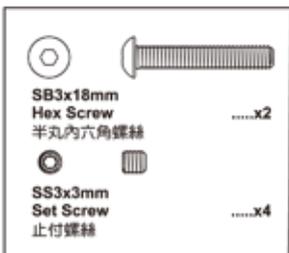
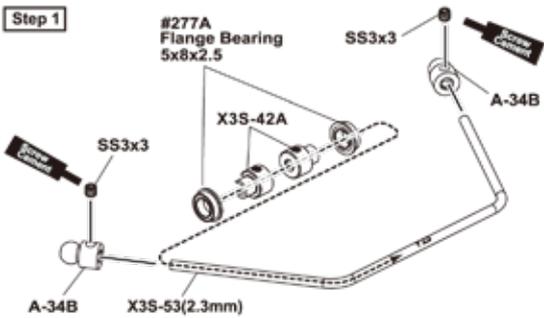


8 ASSEMBLY OF THE FRONT STABILIZER NO.2

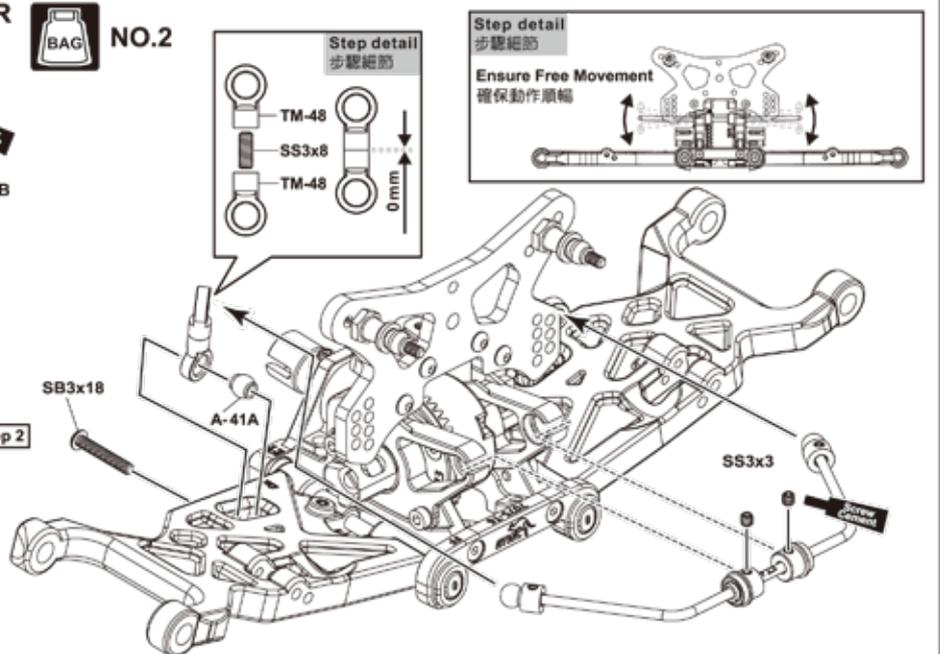
前平衡桿組合



NO.2



Step 2



9 ADJUSTABLE CASTER SET

後傾角可調組件

Adjustable Caster Set installation, as shown in the figure
(Take 10-degree caster angle on the right side as an example)

後傾角可調組件, 如圖示組裝 (用右側後傾角10度為例)

R : X3GT-71C + X3GT-71D 右側
↓
L : X3GT-71A + X3GT-71B 左側

1.> Put the Caster block(X3GT-71D) on the Carrier base(X3GT-71C).

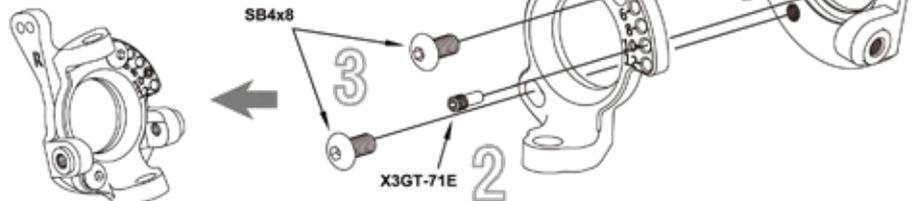
放置後傾角件(X3GT-71D)到C型座(X3GT-71C)

2.> Insert the set screw pin(X3GT-71E) into the desired caster angle hole, and do not over tighten.

放置止付軸(X3GT-71E)到預想的後傾角孔中, 不要鎖過緊

3.> Fix the carrier base and the caster block with 2-screw SB4x8.

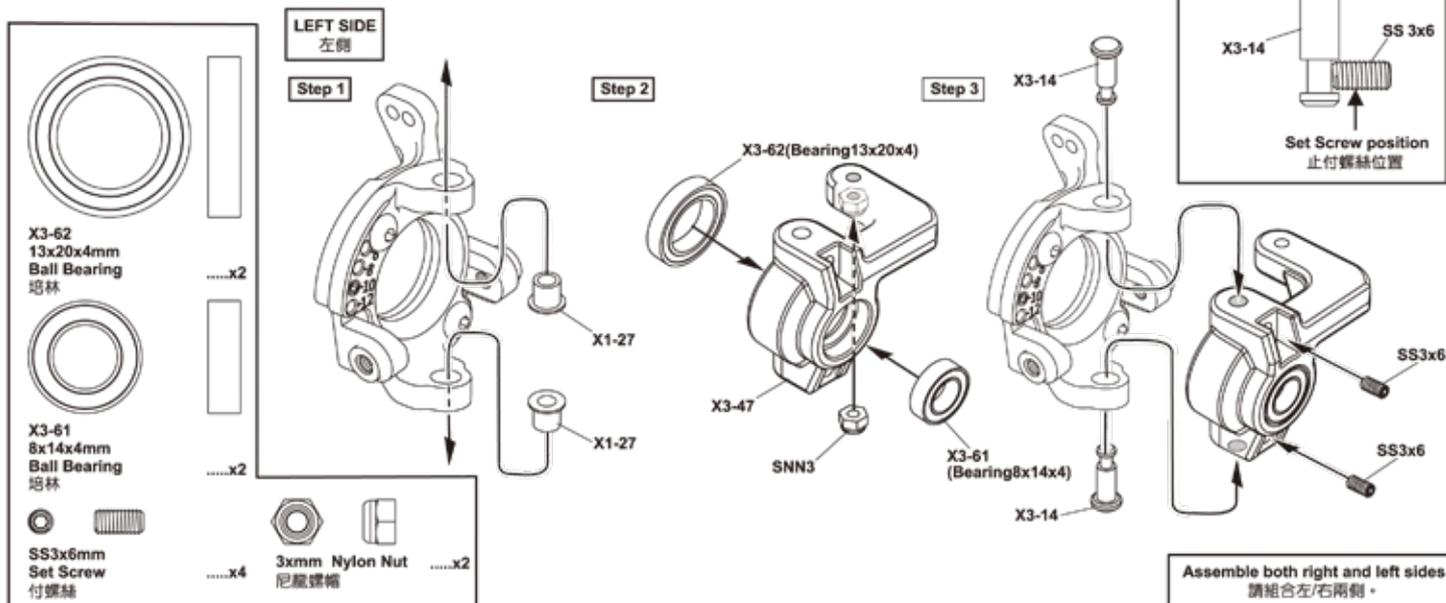
用2支螺絲 SB4x8 將後傾角件(X3GT-71D)和C型座(X3GT-71C)固定



10 ASSEMBLY OF THE FRONT KNUCKLE ARMS

轉向座組合

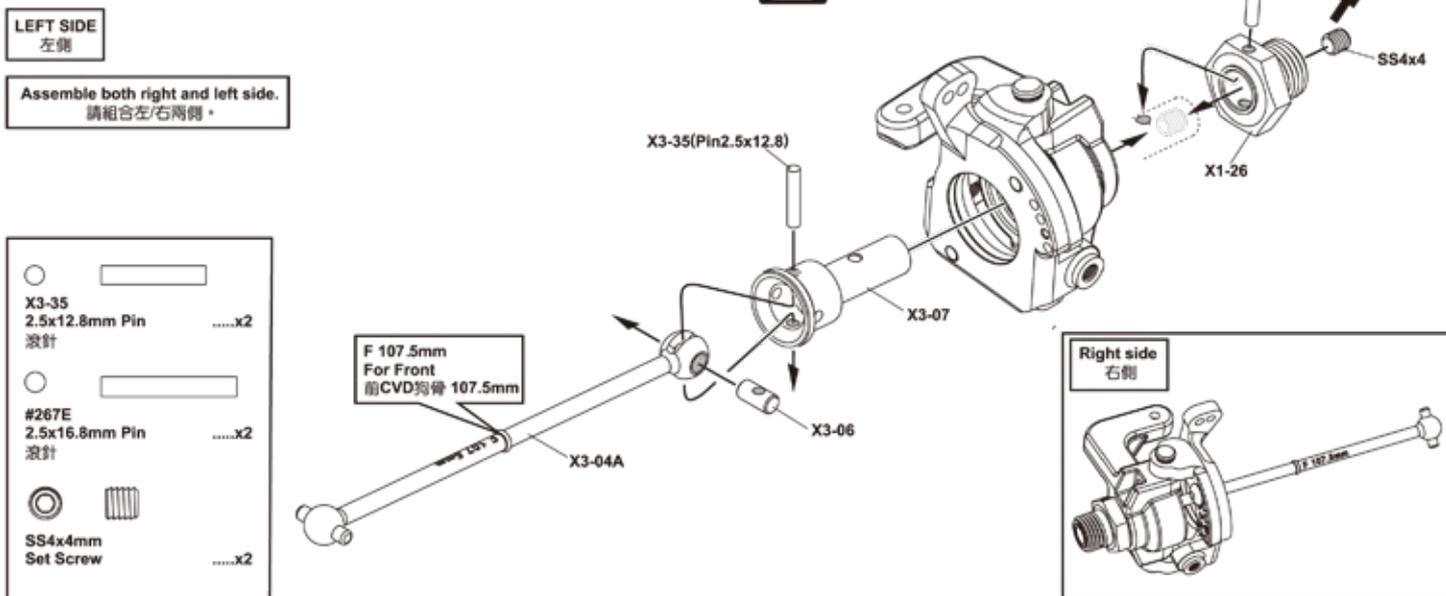
BAG NO.2



11 ASSEMBLY OF THE FRONT CVD INTO KNUCKLE ARMS

轉向座與CVD傳動軸組合

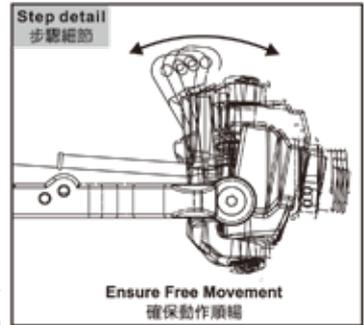
BAG NO.2



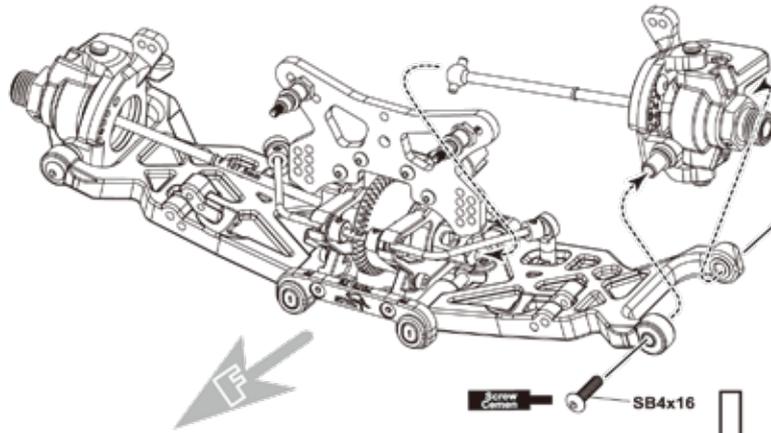
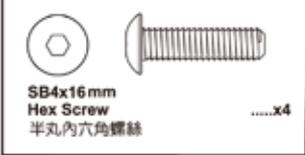
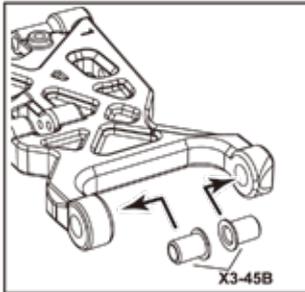
12 ASSEMBLY OF THE KNUCKLE ARMS ONTO FRONT LOWER ARMS
組合前轉向座至下擺臂

BAG NO.2

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



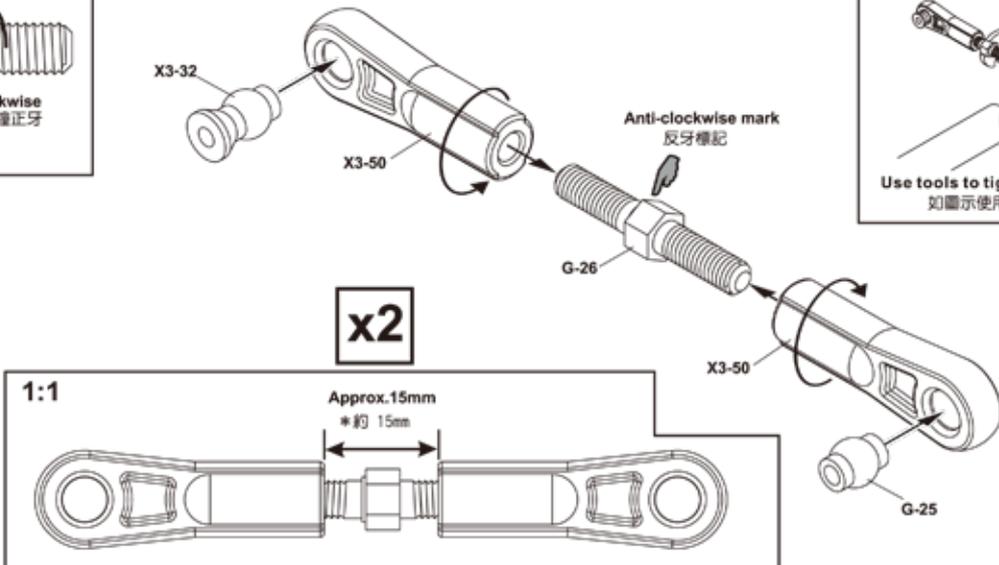
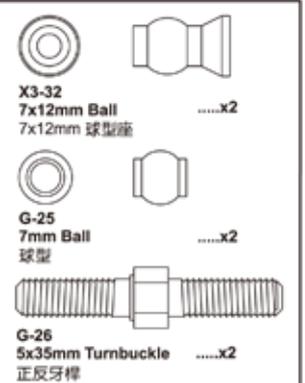
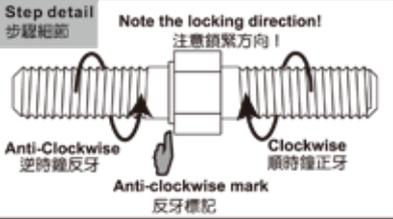
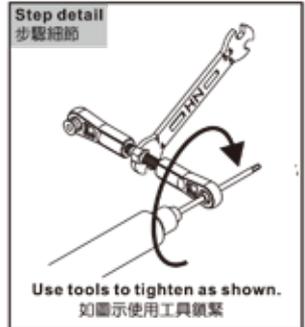
R Right side
右側



L LEFT SIDE
左側

13 ASSEMBLY OF THE FRONT UPPER ARMS
前上拉桿組合

BAG NO.2



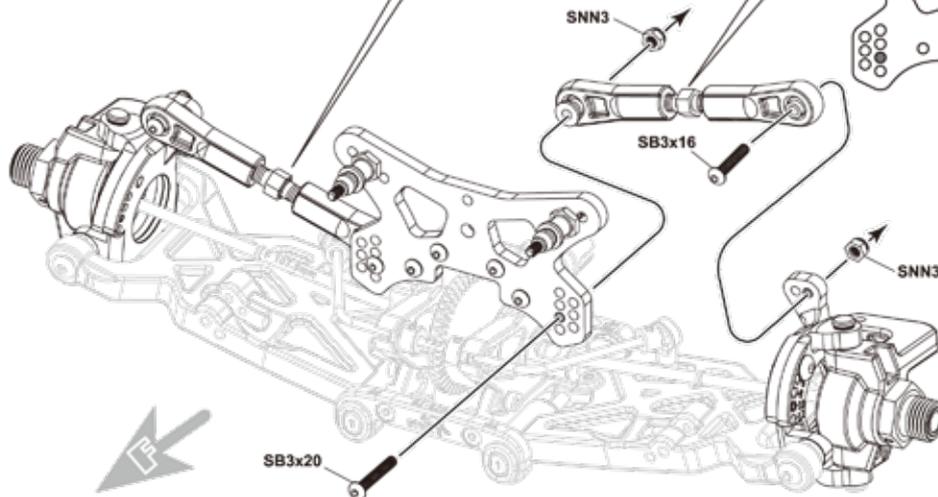
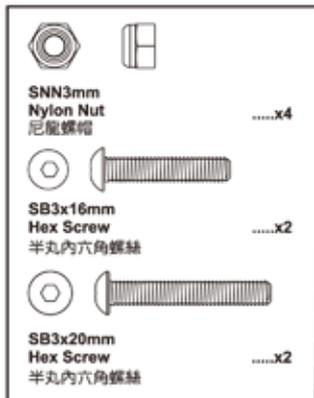
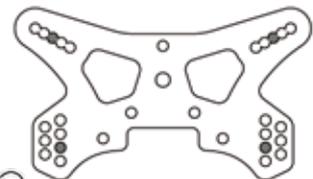
14 ASSEMBLY OF THE FRONT UPPER ARMS
前上拉桿組合

BAG NO.2

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

R Right side
右側

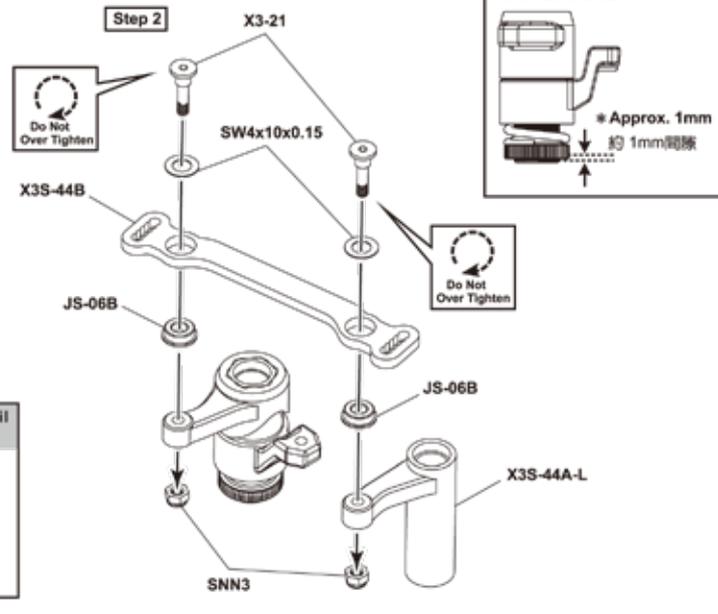
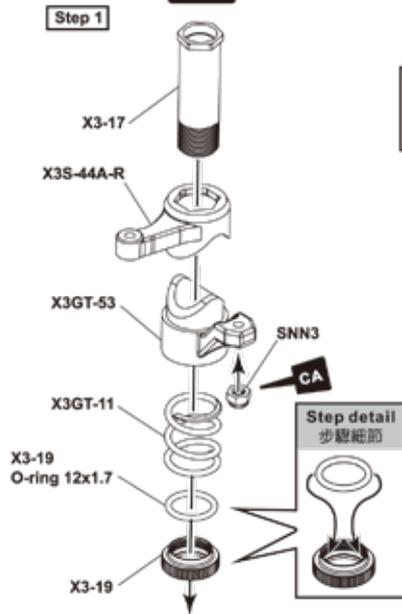
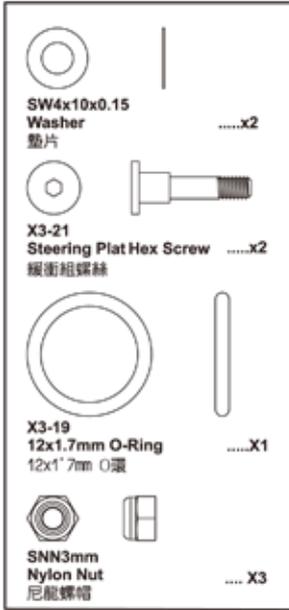
Face the anti-clockwise mark to the gear case and make opposite direction for easy adjustment.
反牙標記朝向齒輪箱並做相反的調整。



L LEFT SIDE
左側

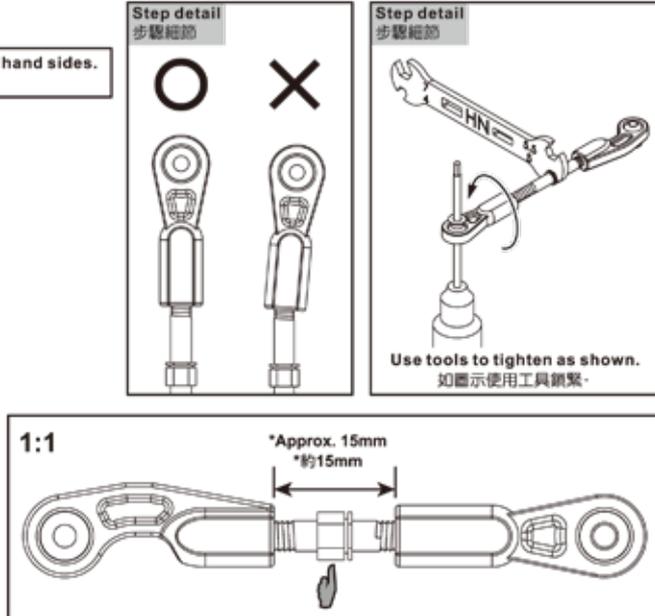
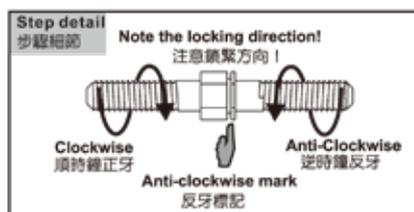
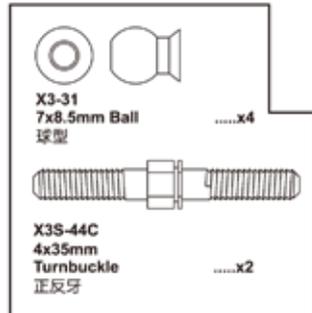
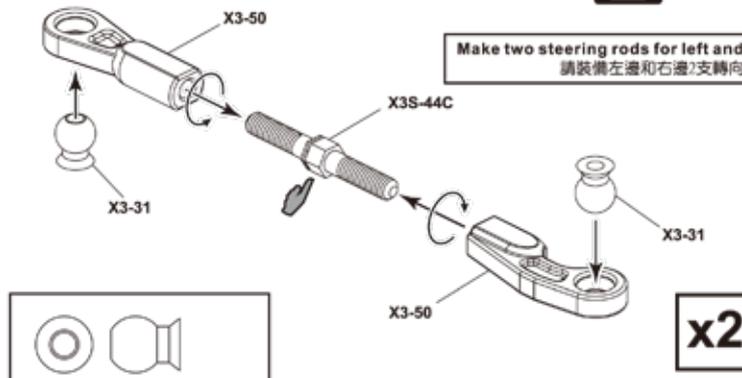
15 ASSEMBLY OF THE SERVO SAVER 緩衝組組合

BAG NO.3



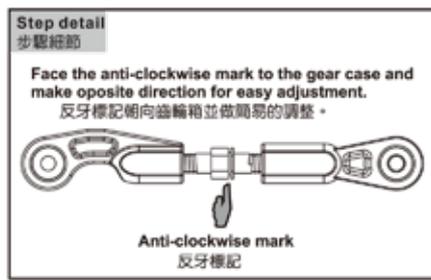
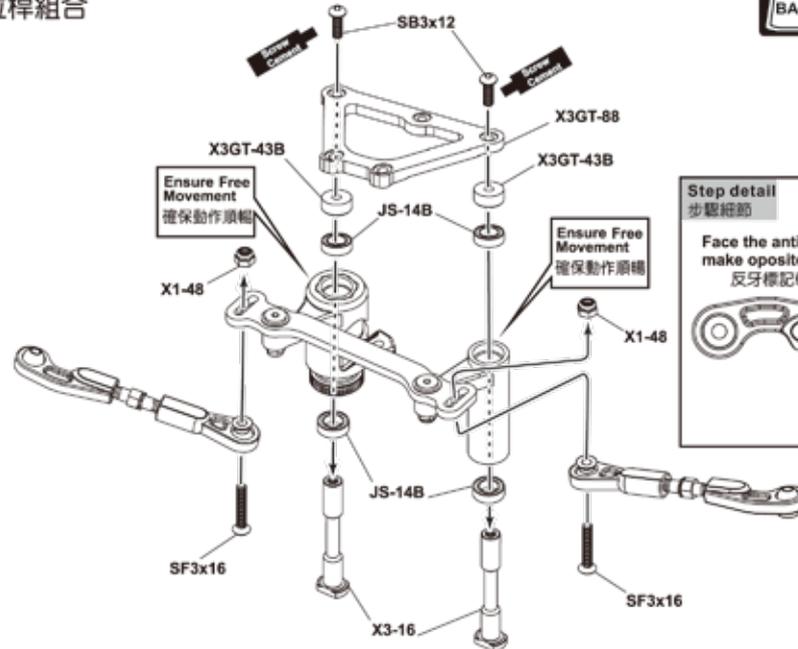
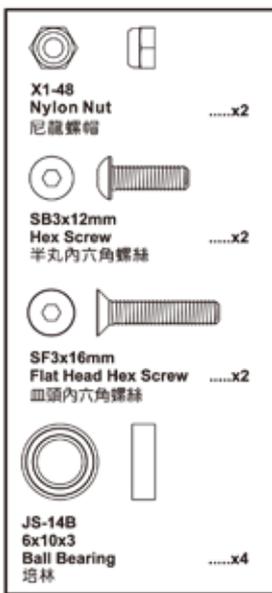
16 ASSEMBLY OF THE STEERING TIE-ROD 轉向拉組合

BAG NO.2 NO.3



17 ASSEMBLY OF THE FRONT PLATE AND STEERING TIE-ROD ONTO SERVO SAVER 緩衝組與前三角板 and 轉向拉桿組合

BAG NO.3

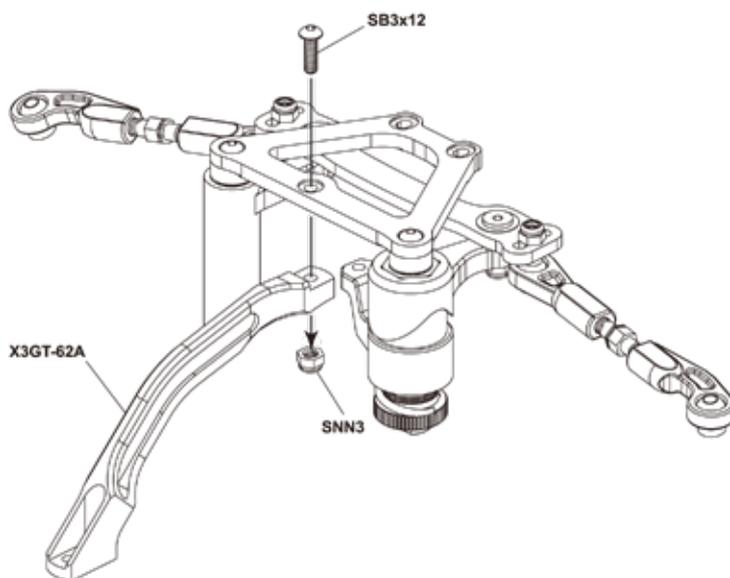


18 ASSEMBLY OF THE FRONT CHASSIS BRACE

中央補強桿與緩衝組組合



NO.3

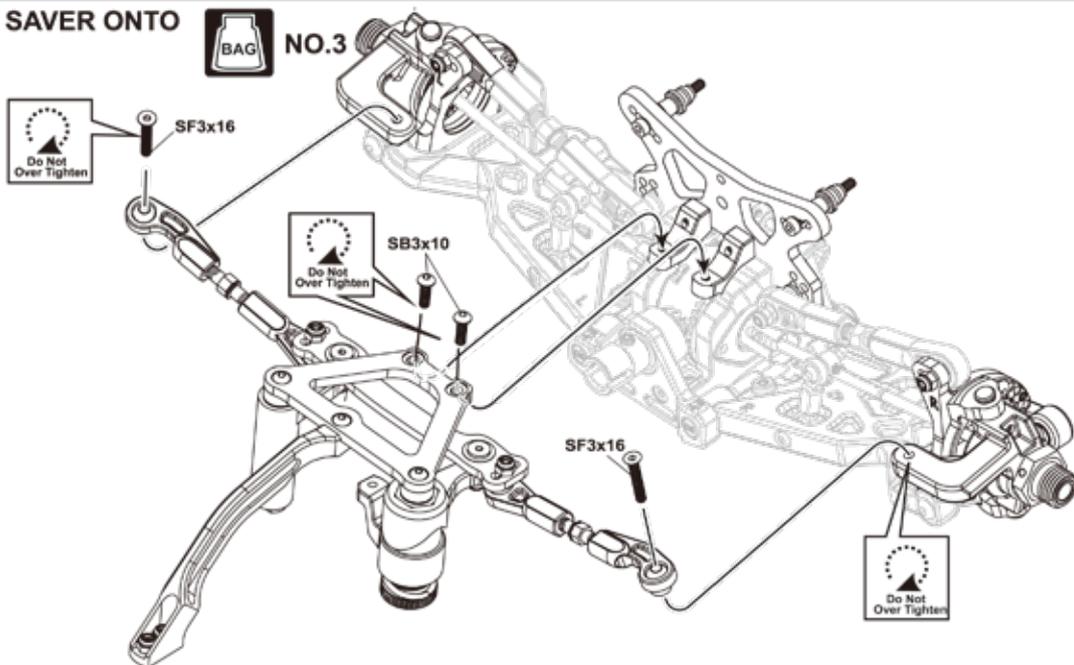


19 ASSEMBLY OF THE SERVO SAVER ONTO THE FRONT GEAR BOX

組合緩衝組至前齒輪箱



NO.3

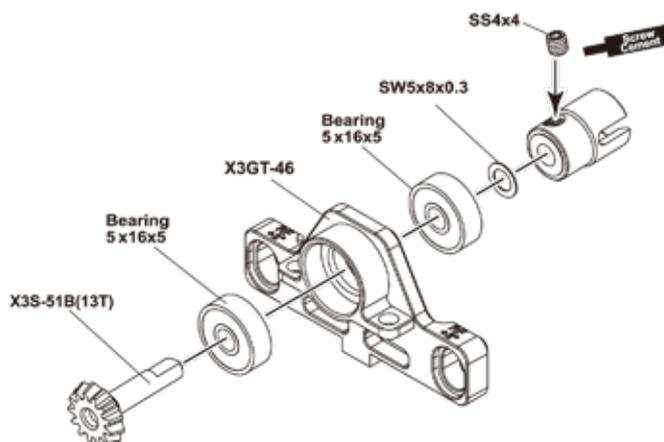


20 ASSEMBLY OF THE REAR PINION GEAR AND CVD SHAFT

後小傘齒與CVD傳動軸組合



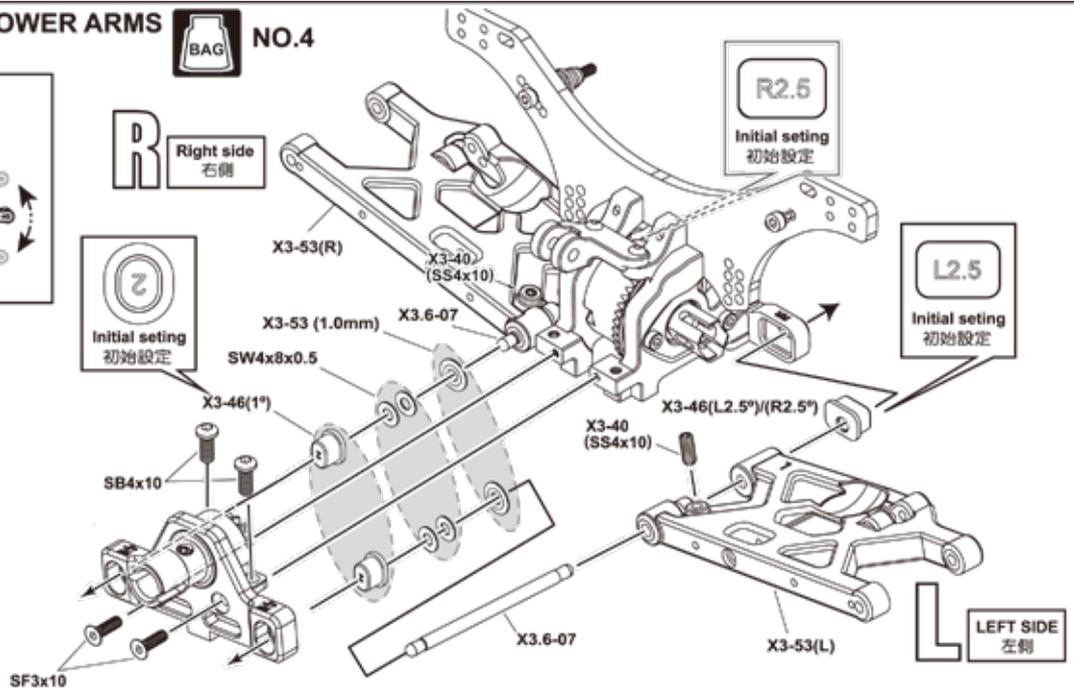
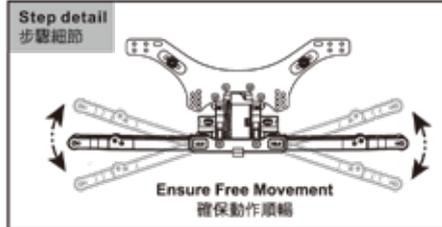
NO.4



24 ASSEMBLY OF THE REAR LOWER ARMS

後下擺臂組合

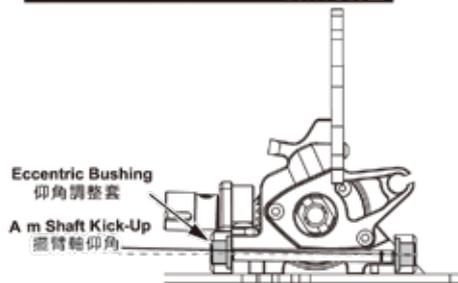
BAG NO.4



25 REAR KICK-UP (RF) & REAR TOE-IN (RR) SETTING

後仰角與後內束角調整

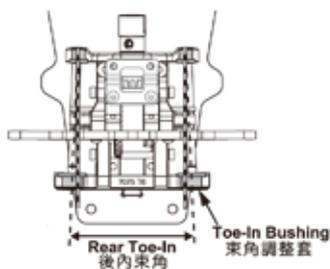
REAR KICK-UP SETTING 後仰角調整



Rear Kick-Up 後仰角	Characteristics 特性
Less Rear Kick-Up 較少的後仰角	<ul style="list-style-type: none"> Absorb road shock less. Applicable flat surface. 吸收較少的路面衝擊。 適用於較平坦的路面。
More Rear Kick-Up 較多的後仰角	<ul style="list-style-type: none"> Absorb road shock more. Applicable uneven surface. 吸收較多的路面衝擊。 適用於較不平的路面。

RF	Rear Kick-Up 後仰角
3.3	2.8°
3	2.5°
2.5	2°
2	1.5°
Z (Reverse) (反面)	1°
0.2 (Reverse) (反面)	0.5°
0 (Reverse) (反面)	0°

REAR TOE-IN SETTING 後內束角調整



Rear Toe-In 後內束角	Characteristics 特性
Less Rear Toe-In 較少的後內束角	<ul style="list-style-type: none"> Reduced Grip. Oversteer tendency. Linear acceleration over the instability. 抓地力減少。 轉向過度傾向。 直線加速較不穩定性。
More Rear Toe-In 較多的後內束角	<ul style="list-style-type: none"> Increased grip. Understeer tendencies. Linear acceleration than the stability. 抓地力增加。 轉向不足傾向。 直線加速較穩定性。

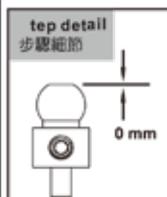
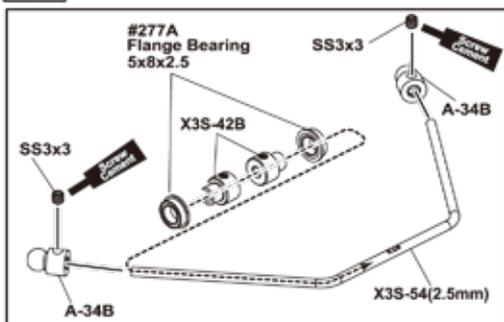
RR	Rear Toe-In 後內束角
L3.5 R3.5	3.5°
L3.3 R3.3	3.3°
L3 R3	3°
L2.5 R2.5	2.5°
L2 R2	2°

26 ASSEMBLY OF THE REAR STABILIZER

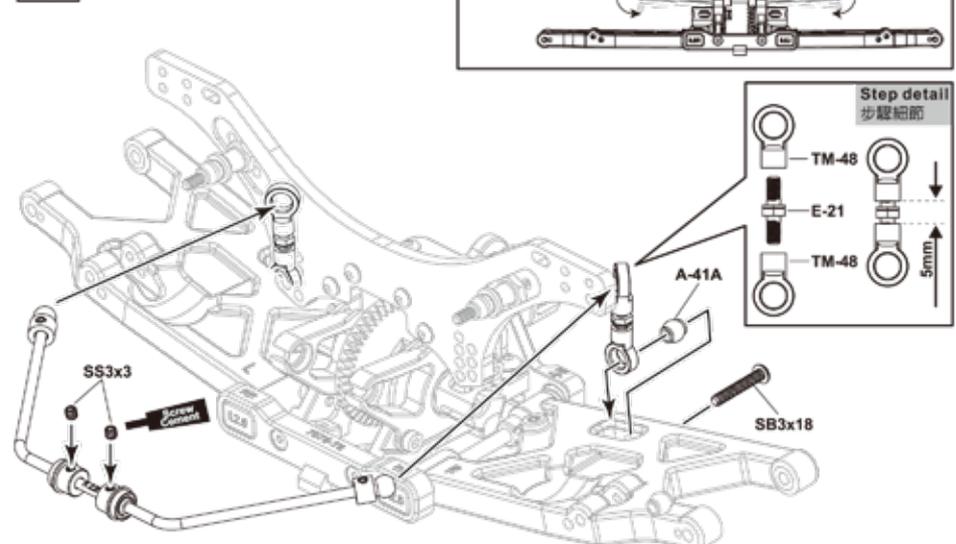
後平衡桿組合

BAG NO.4

Step 1



Step 2



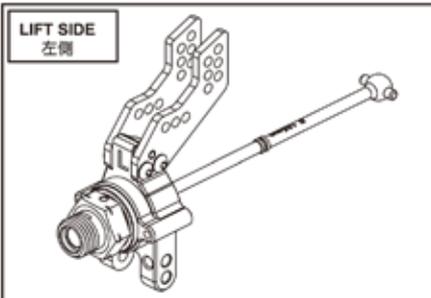
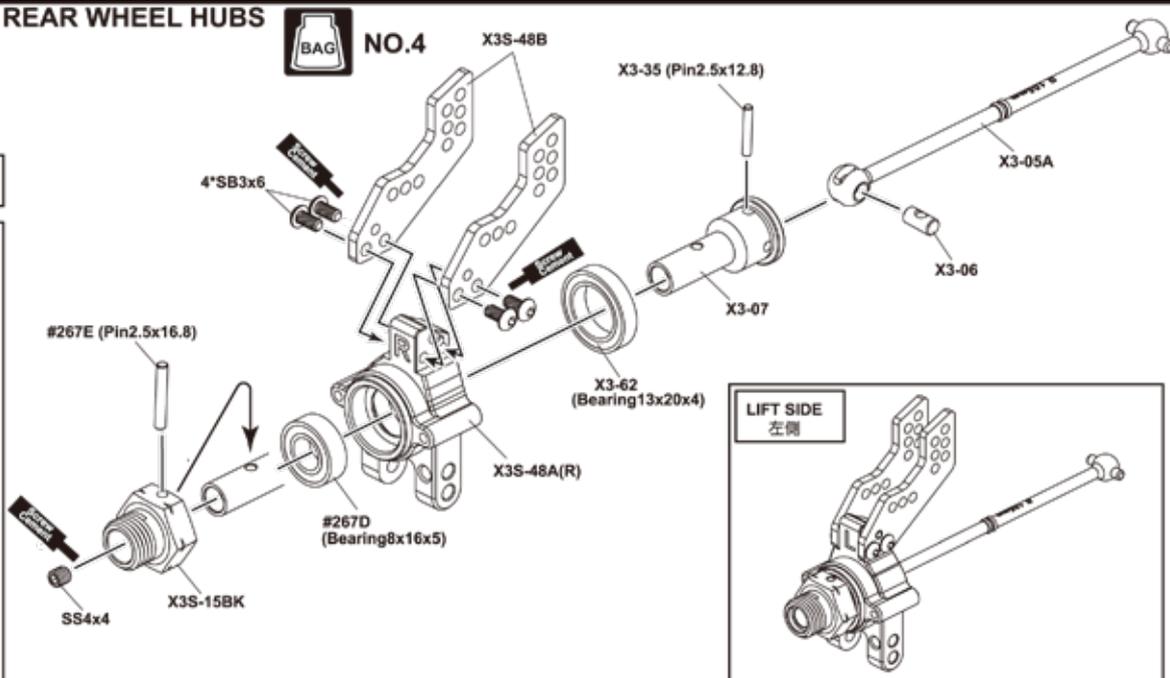
27 ASSEMBLY OF THE REAR WHEEL HUBS 後輪座組合



NO.4

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

- X3-35
2.5x12.8mm Pinx2
滾針
- #267E Pin"/> #267E
2.5x16.8mm Pinx2
滾針
- 4x4mm
Set Screwx2
- SB3x6mm
Hex Screwx8
半孔內六角螺絲



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

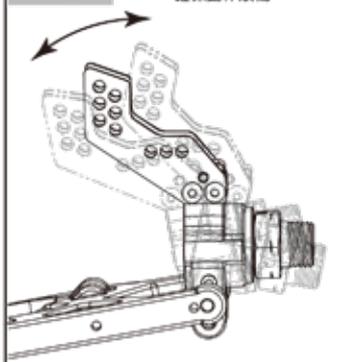


NO.4

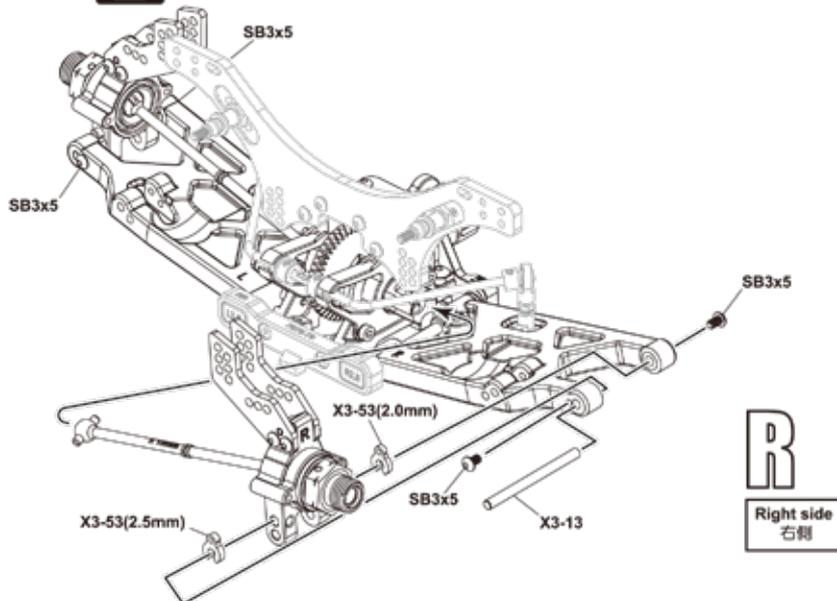
Assemble both right and left sides.
請組合左/右兩側。

Step detail
步驟細節

Ensure Free Movement
確保動作順暢



LEFT SIDE
左側



RIGHT SIDE
右側

- SB3x5mm
Hex Screwx4
半孔內六角螺絲

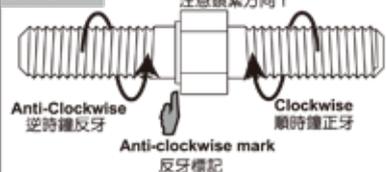
29 ASSEMBLY OF THE REAR UPPER ARMS 後上擺臂組合



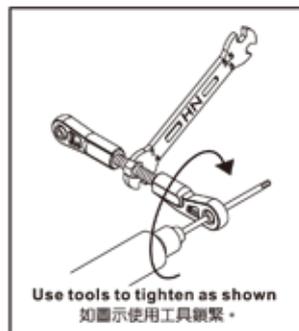
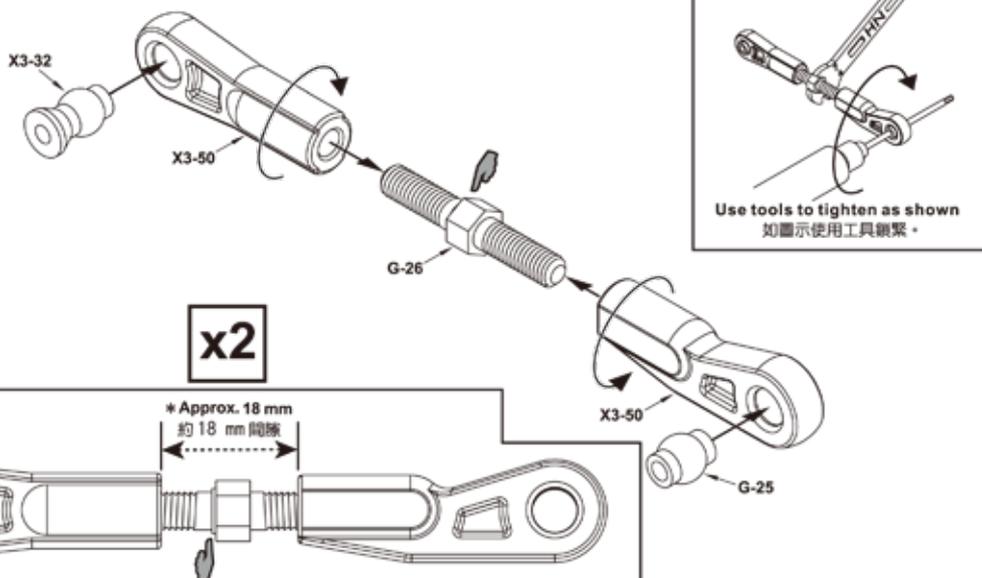
NO.4

Step detail
步驟細節

Note the locking direction!
注意鎖緊方向!



- X3-32
7x12mm Ballx2
7x12mm 球型座
- G-25
7mm Ballx2
球型
- G-26
5x35mm Turnbucklex2
正反牙桿



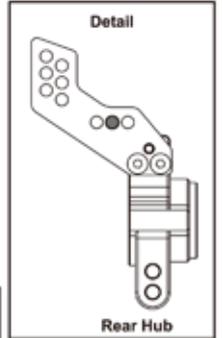
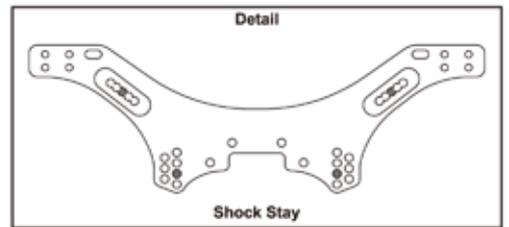
Use tools to tighten as shown
如圖示使用工具鎖緊。

30 ASSEMBLY OF THE REAR UPPER ARMS

後懸吊系統組合

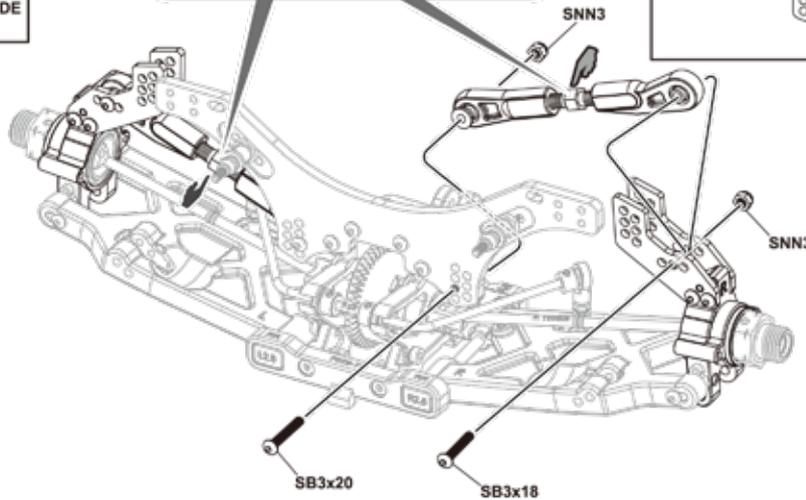


Face the anti-clockwise mark to the gear case and make opposite direction for easy adjustment.
反牙標記朝向齒輪箱並做相反的調整。



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

- SNN3mm Nylon Nut 尼龍螺帽x4
- SB3x18mm Hex Screw 半孔內六角螺絲x2
- 3x20mm Hex Screw 半孔內六角螺絲x2

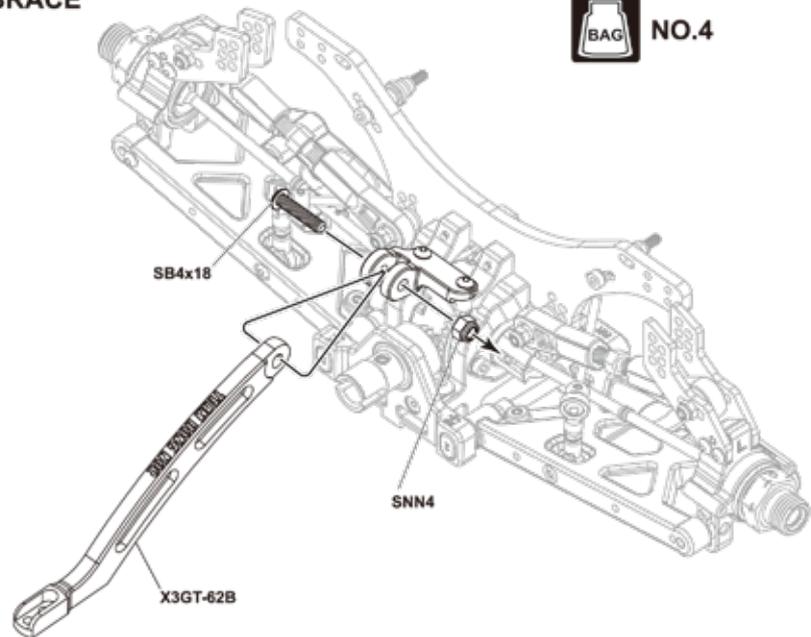


31 ASSEMBLY OF THE REAR CENTER BRACE

後中央補強桿組合

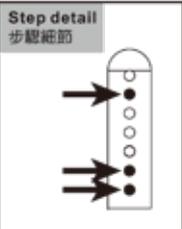


- SNN4mm Nylon Nut 尼龍螺帽x1
- SB4x18mm Hex Screw 半孔內六角螺絲x1

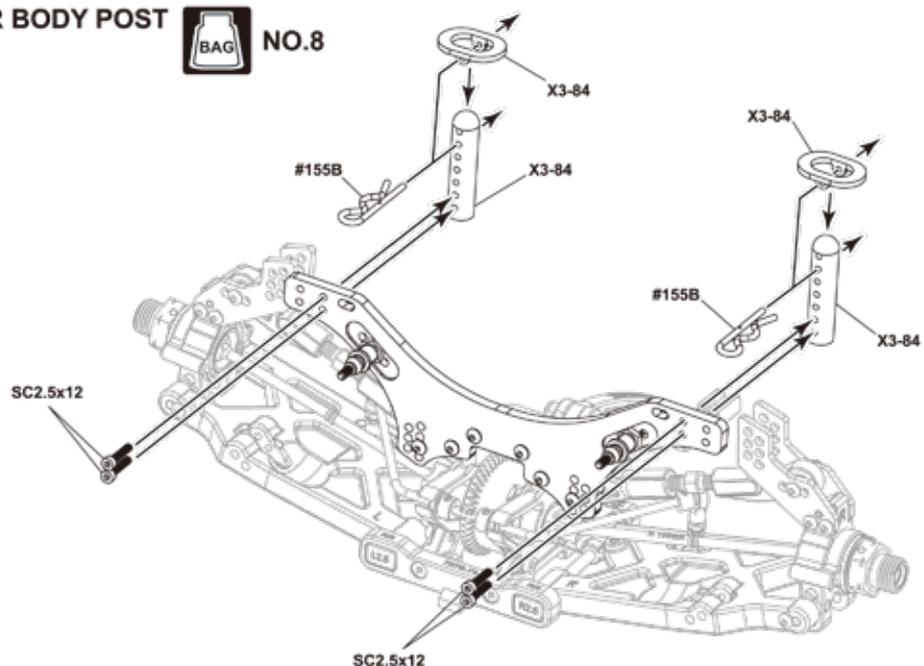


32 ASSEMBLY OF THE REAR BODY POST

後車殼柱組合

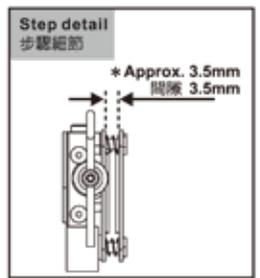


- #155B Body Clips 車殼插銷x2
- SC2.5x12mm Cap Screw 有頭內六角螺絲x4



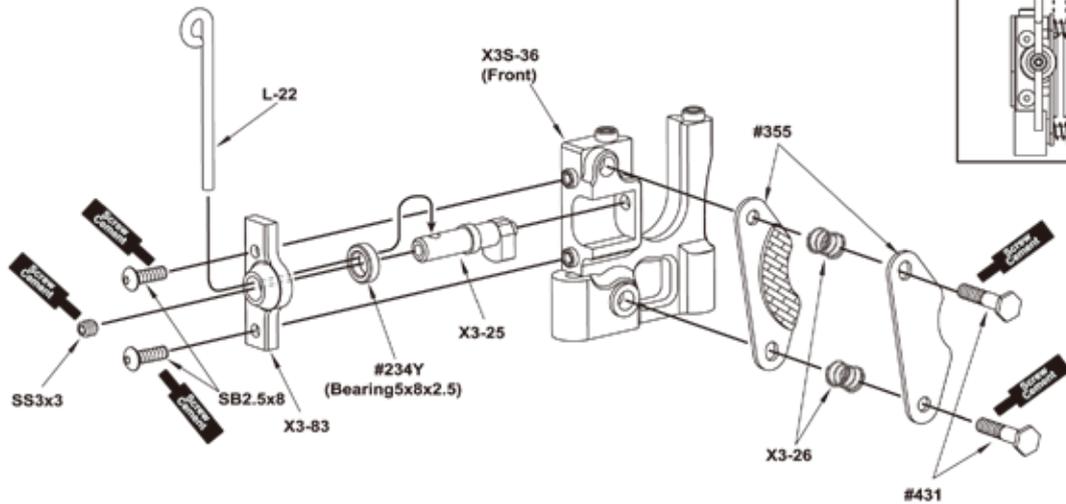
33 ASSEMBLY OF THE FRONT 2-SPEED TRANSMISSION MOUNT 前兩段變速座組合

BAG NO.5



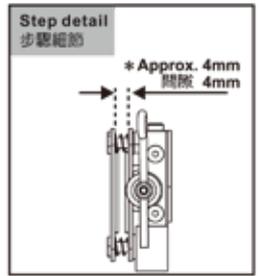
FRONT SIDE
前側

-  SS3x3mm Set Screwx1
止付螺絲
-  #234Y 5x8x2.5mm Ball Bearingx1
培林
-  SB2.5x8mm Hex Screwx2
半丸內六角螺絲
-  #431 Brake Boltx2
煞車夾片螺栓



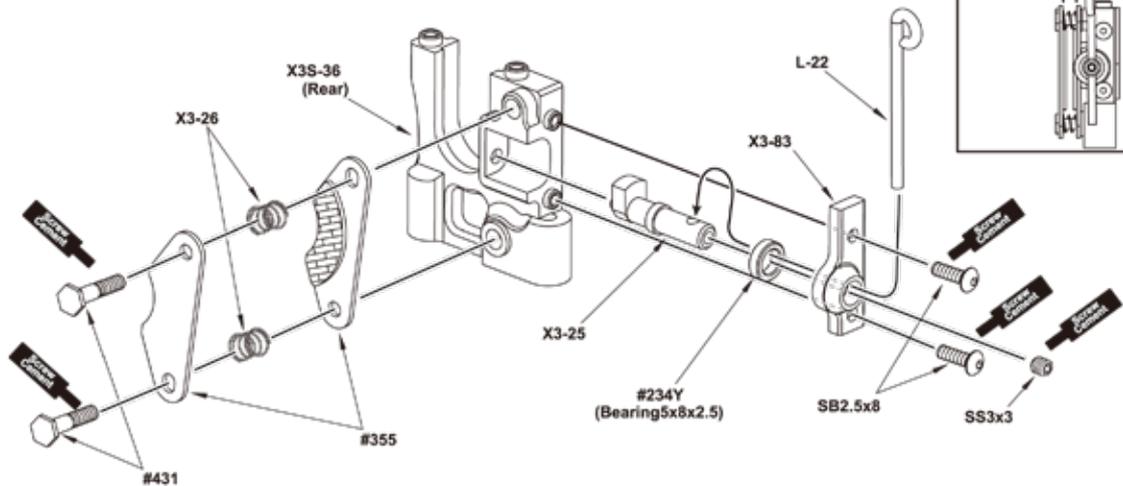
34 ASSEMBLY OF THE REAR 2-SPEED TRANSMISSION MOUNT 後兩段變速座組合

BAG NO.5



REAR SIDE
後側

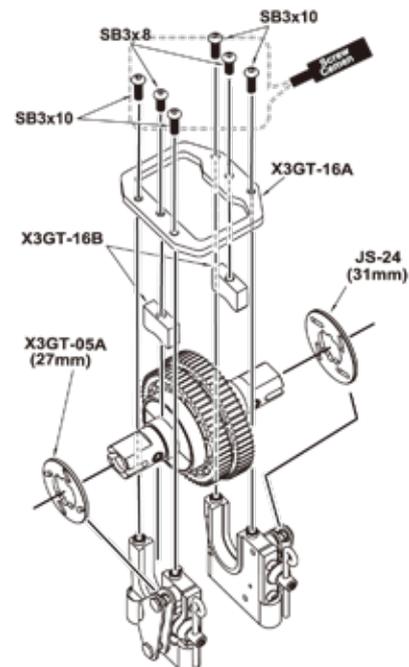
-  SS3x3mm Set Screwx1
止付螺絲
-  #234Y 5x8x2.5mm Ball Bearingx1
培林
-  SB2.5x8mm Hex Screwx2
半丸內六角螺絲
-  #431 Brake Boltx2
煞車夾片螺栓



35 ASSEMBLY OF THE 2-SPEED TRANSMISSION MOUNT 兩段變速座組合

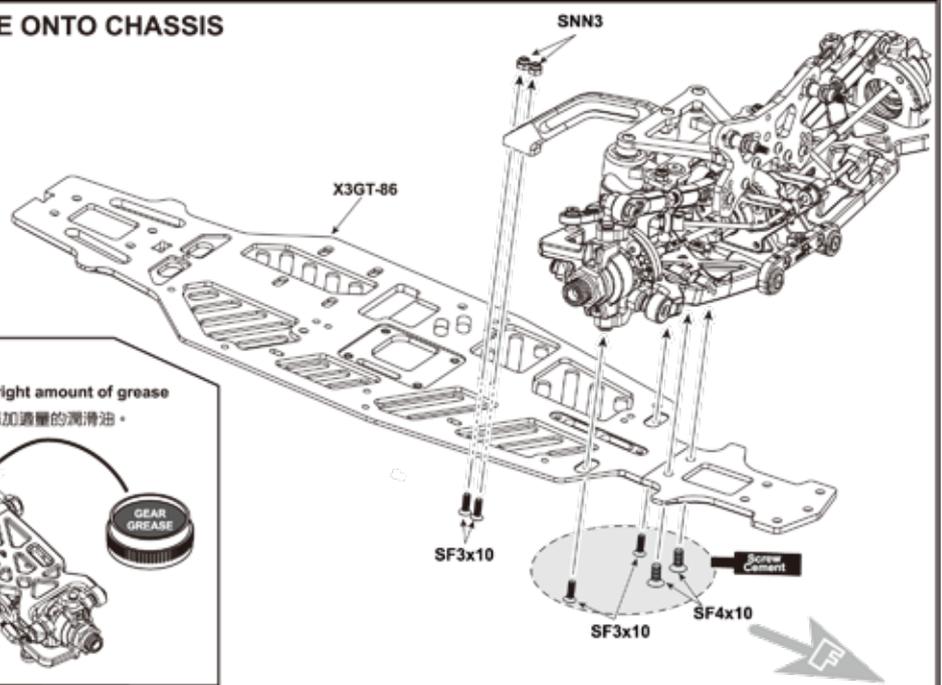
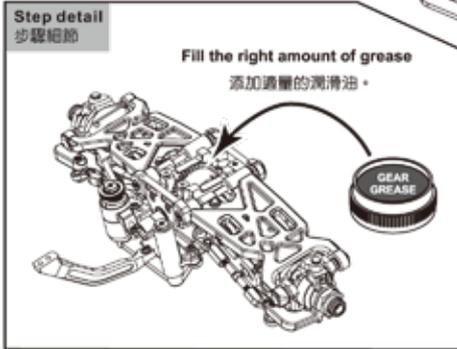
BAG NO.5

-  SB3x8mm Hex Screwx2
半丸內六角螺絲
-  SB3x10mm Hex Screwx4
半丸內六角螺絲



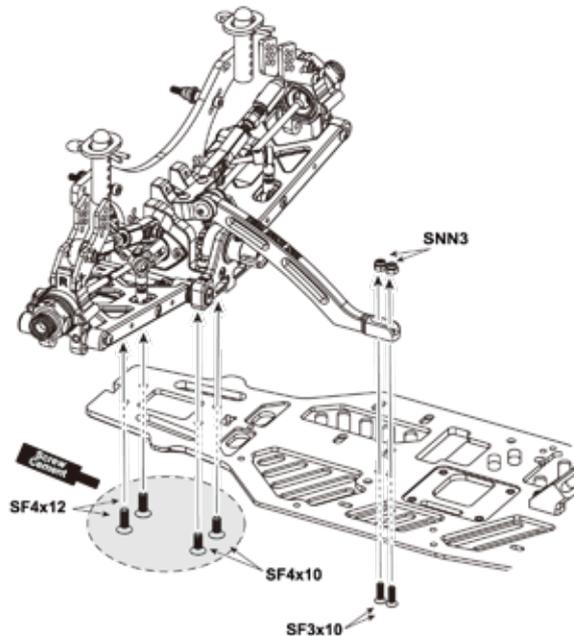
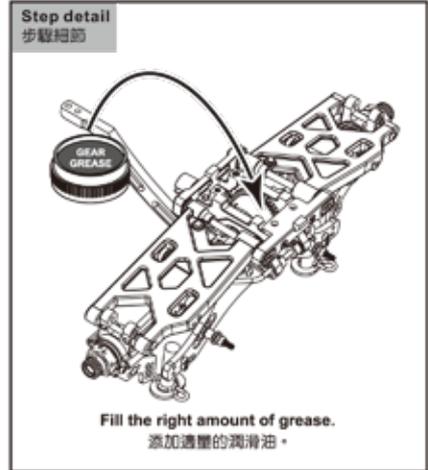
36 ASSEMBLY OF THE FRONT GEAR CASE ONTO CHASSIS
 組合前齒輪箱至底盤

-  SF3x10mm Flat Head Hex Screwx4
血頭內六角螺絲
-  SF4x10mm Flat Head Hex Screwx2
血頭內六角螺絲
-  SNN3mm Nylon Nutx2
尼龍螺帽



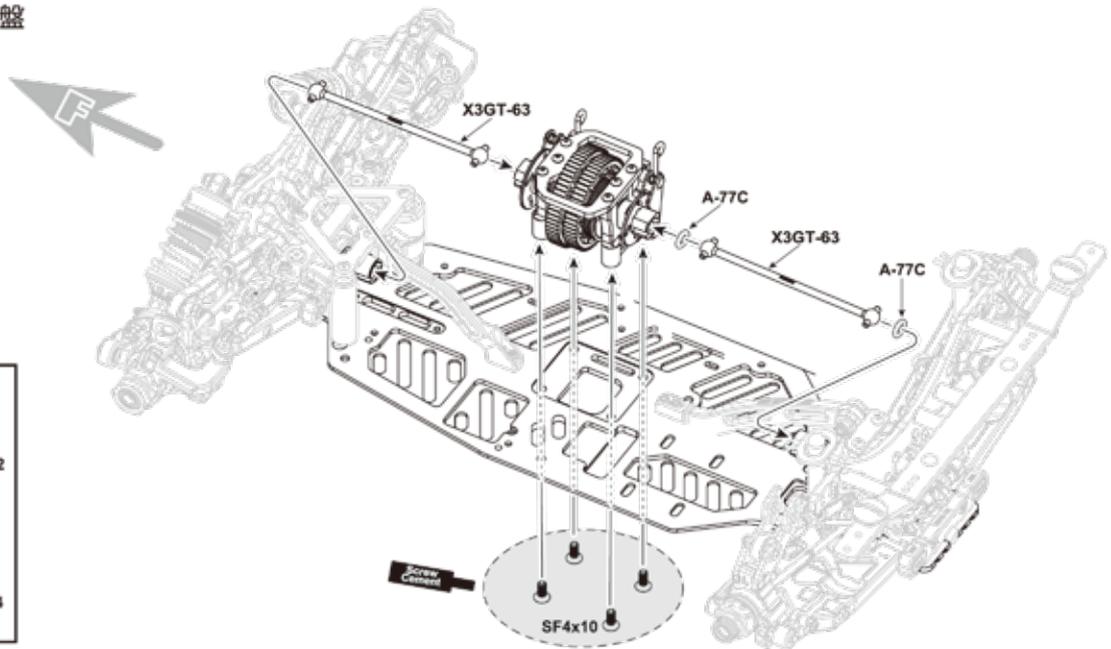
37 ASSEMBLY OF THE REAR GEAR CASE ONTO CHASSIS
 組合後齒輪箱至底盤

-  SF3x10mm Flat Head Hex Screwx2
血頭內六角螺絲
-  SF4x10mm Flat Head Hex Screwx2
血頭內六角螺絲
-  SF4x12mm Flat Head Hex Screwx2
血頭內六角螺絲
-  SNN3mm Nylon Nutx2
尼龍螺帽



38 ASSEMBLY OF THE TWO-SPEED TRANSMISSION MOUNT ONTO CHASSIS
 組合兩段變速座至底盤

-  A-77C O-ring, p5x2
P5 O型環
-  SF4x10mm Flat Head Hex Screwx4
血頭內六角螺絲

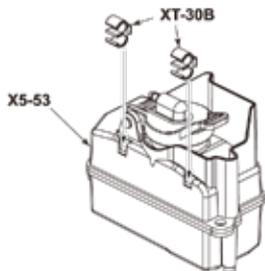


39 ASSEMBLY OF THE FUEL TANK ONTO CHASSIS
 組合油箱至底盤

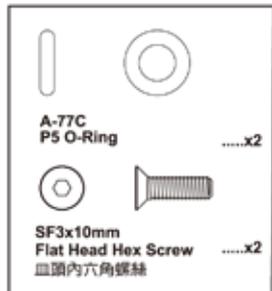
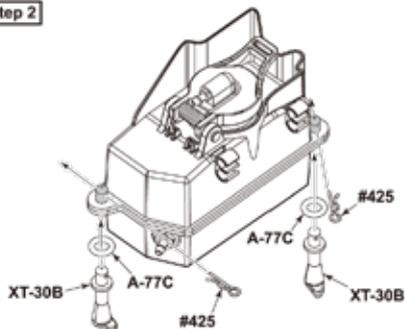


NO.7

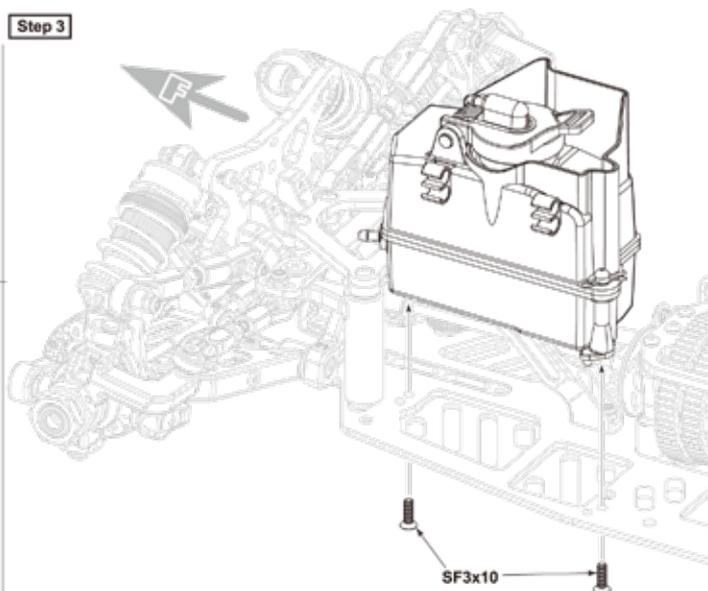
Step 1



Step 2



Step 3

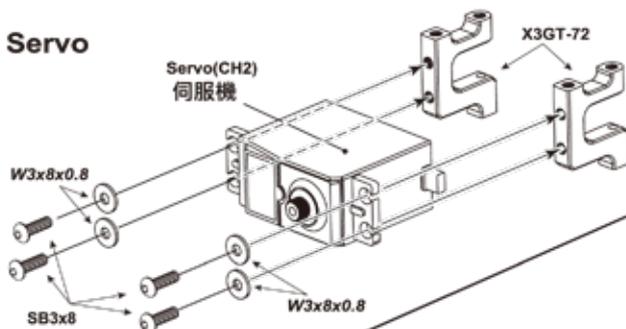


40 ASSEMBLY OF THROTTLE & STEERING SERVO
 轉向伺服機與油門伺服機組合

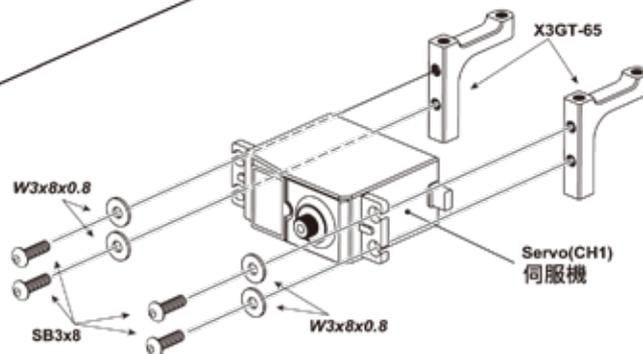


NO.10

Throttle Servo



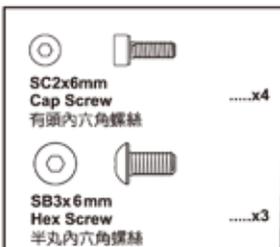
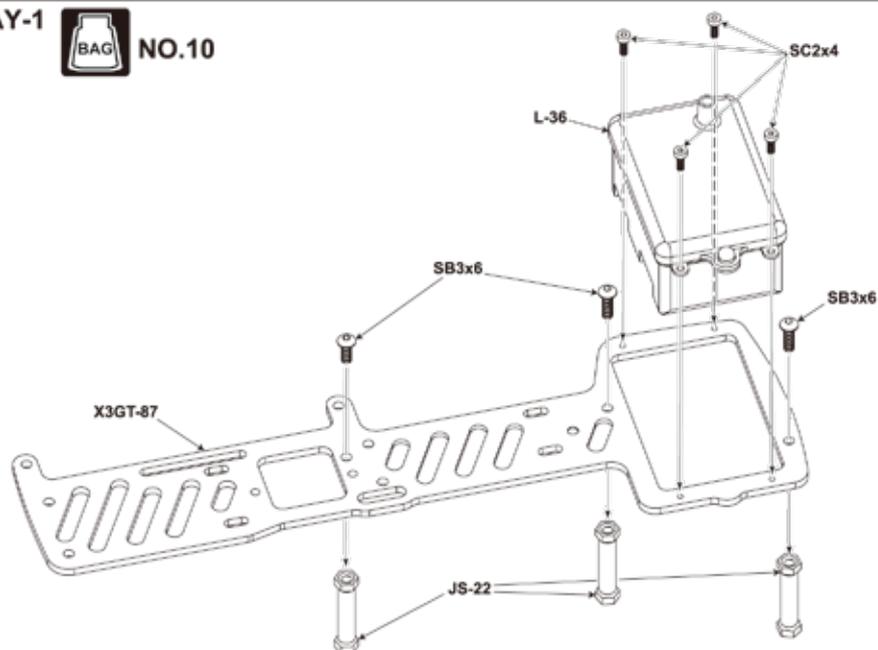
Steering Servo



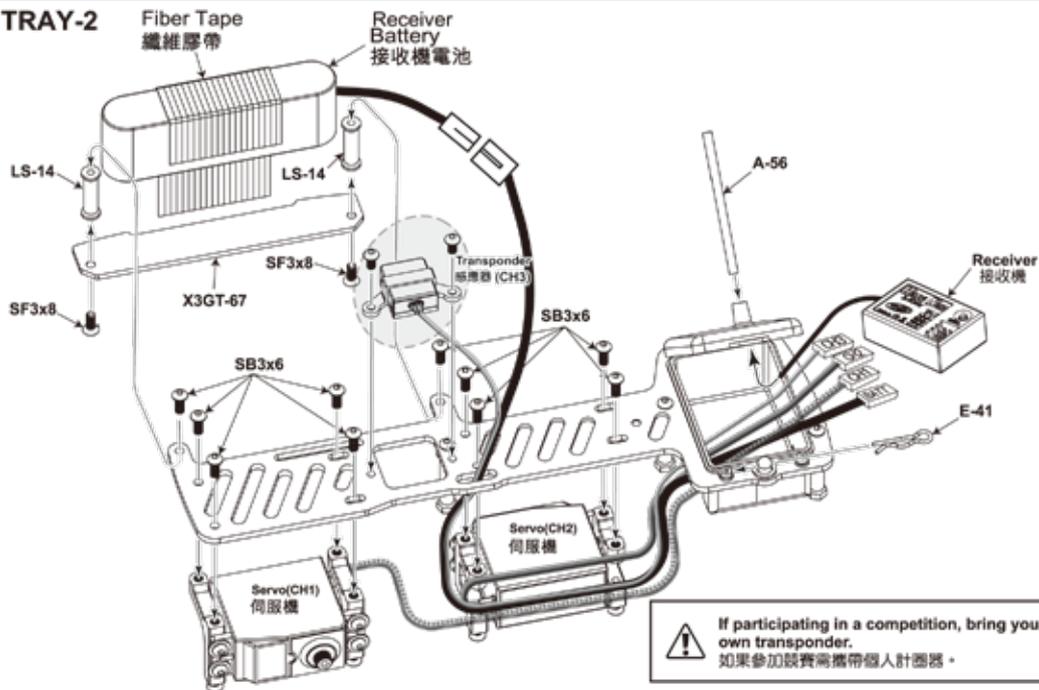
41 ASSEMBLY OF THE RADIO TRAY-1
 二樓版組合之一



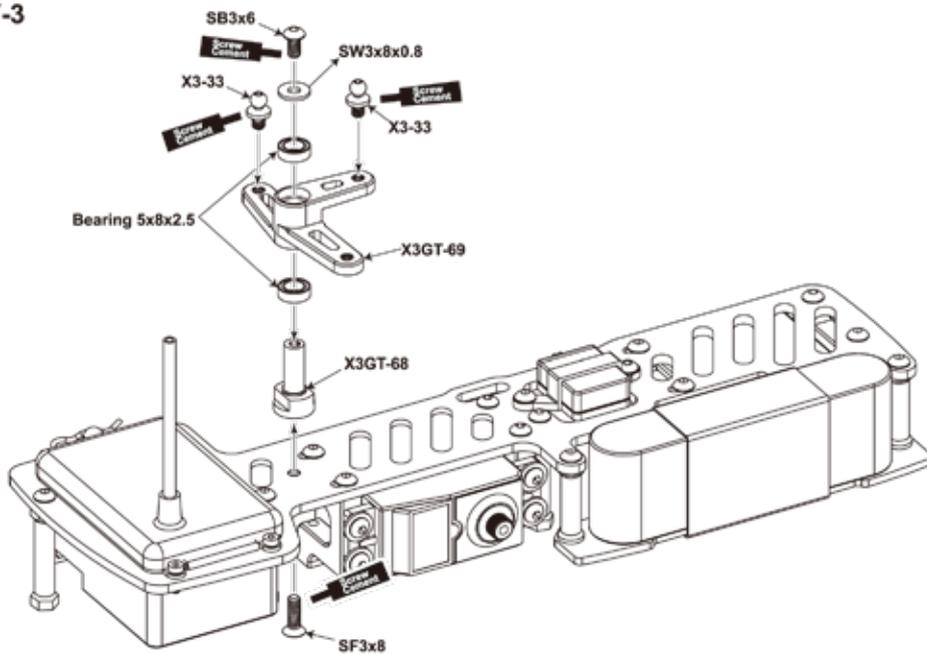
NO.10



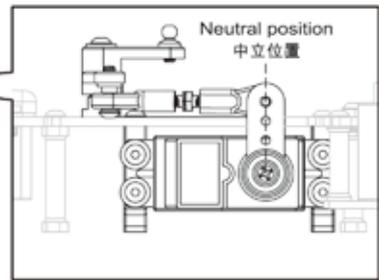
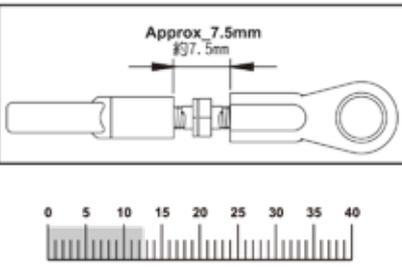
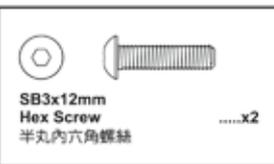
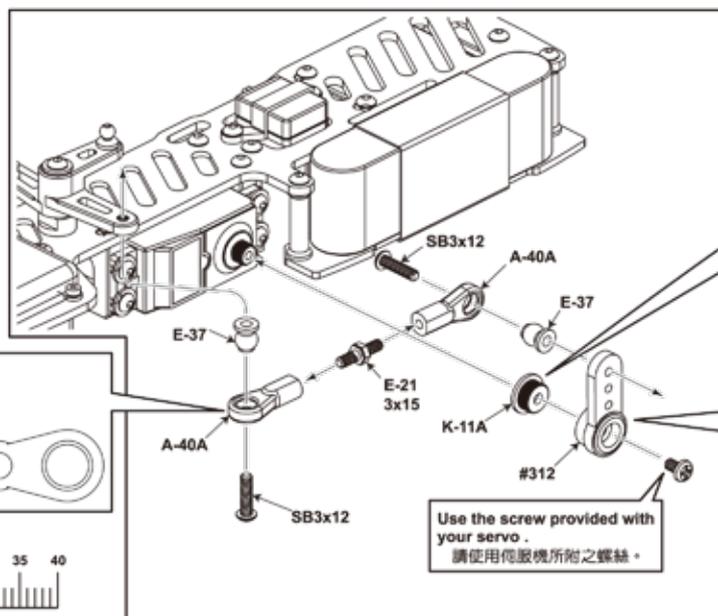
42 ASSEMBLY OF THE RADIO TRAY-2 二樓版組合之二



43 ASSEMBLY OF THE RADIO TRAY-3 二樓版組合之三



44 ASSEMBLY OF THE RADIO TRAY-4 二樓版組合之四



45 ASSEMBLY OF THE RADIO TRAY-5
二樓版組合之五

0 5 10 15 20 25 30 35 40

Approx. 18mm
約 18mm

X3-50 L-26 3x36 SB3x12 E-37 A-41A #312 K-11A

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

Neutral position
中立位置

Servo (CH1)

Sanwa/Airtronics JR Futaba

Choose the right servo horn adapter for your servo.
請選擇適用的伺服機轉接套。

SB3x12mm Hex Screw
半孔內六角螺絲x2

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

Step detail
步驟細節

Tighten

SF3x8mm Flat Head Hex Screw
扁頭內六角螺絲x7

SB3x15mm Hex Screw
半孔內六角螺絲x1

SF3x8

Servo Connector

47 ASSEMBLY OF THE REAR BODY FASTEN SET
車殼架組合



STEP 1

X3GT-24A

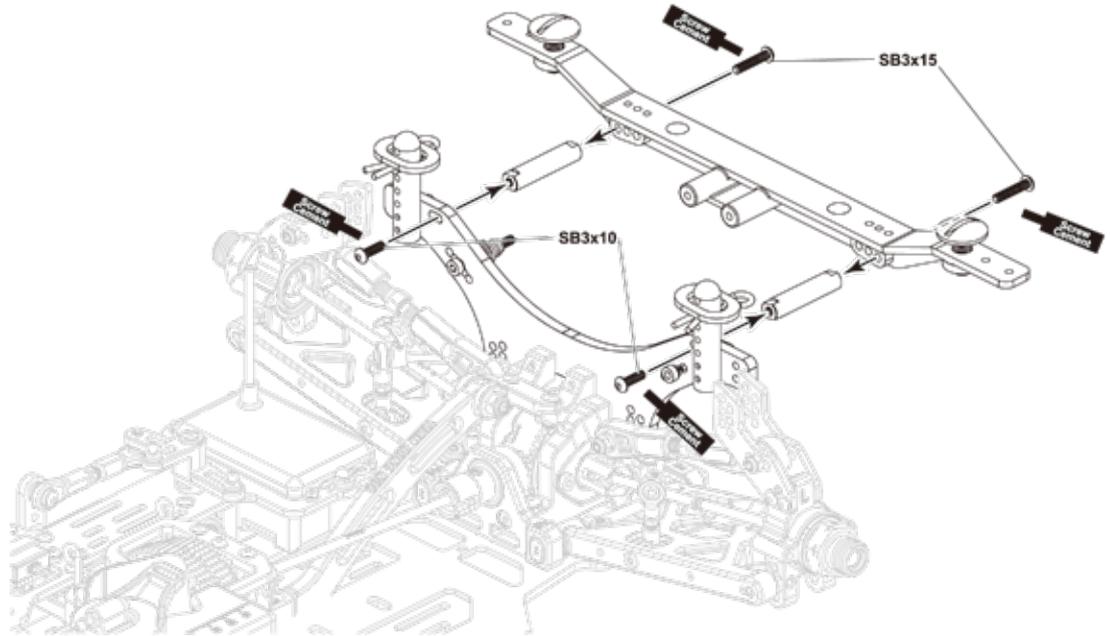
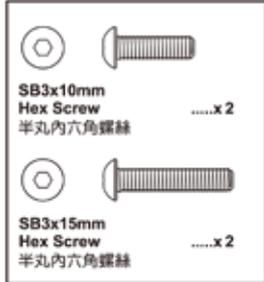
STEP 2

X3GT-24B

X3GT-24B

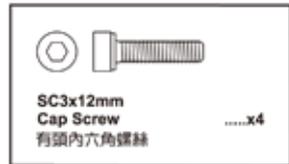
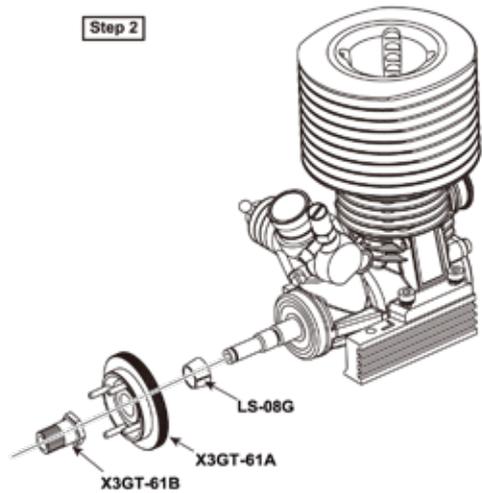
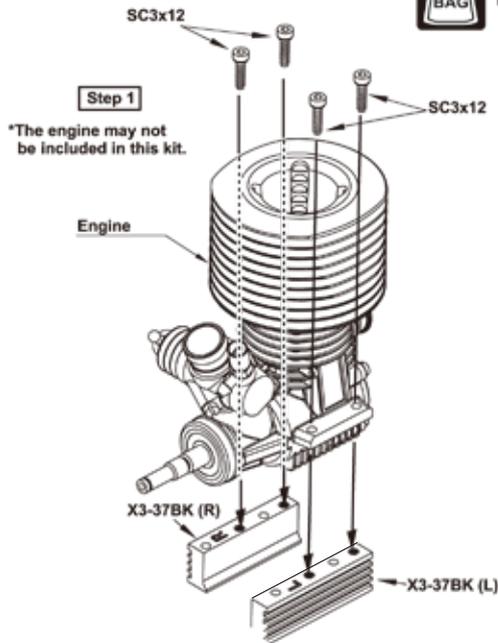
48 ASSEMBLY OF THE REAR BODY BRACE AND SHOCK TOWER

車殼架與油壓架組合



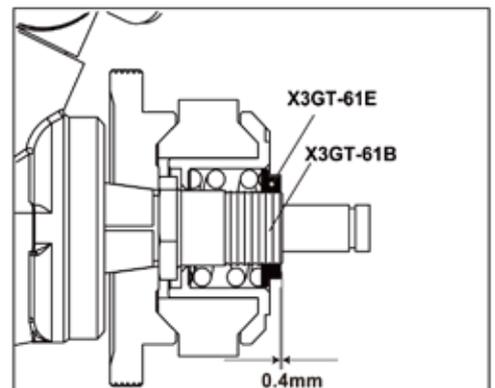
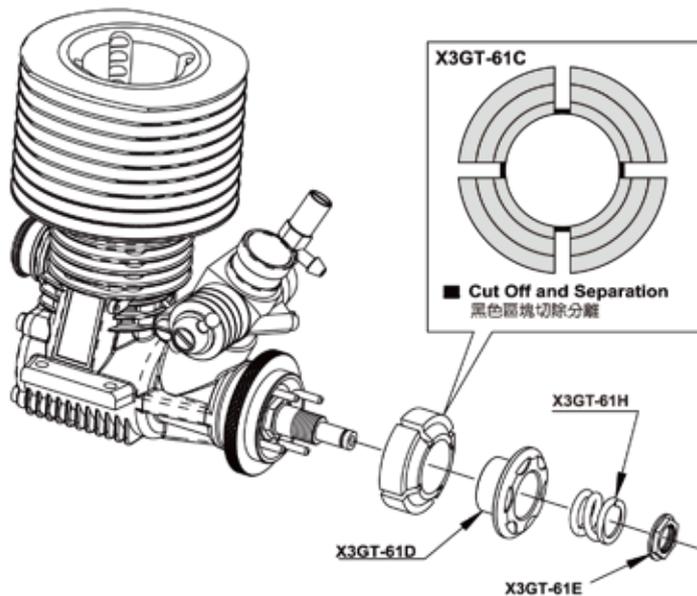
49 ASSEMBLY OF THE ENGINE MOUNT AND FLYWHEEL

組合引擎座與飛輪



50 ASSEMBLY OF THE CLUTCH

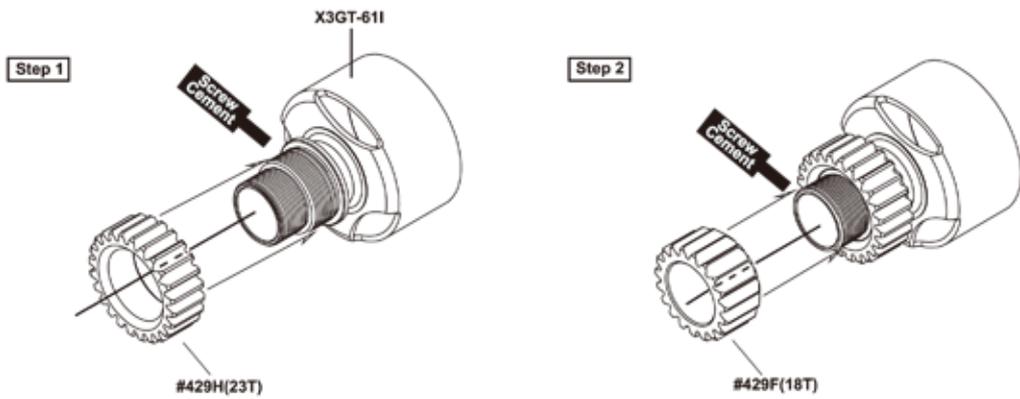
組合離合器



*Screw in the adjuster nut(X3GT-61E) to a distance of 0.4mm from the pilot nut(X3GT-61B).

* 將調節螺母(X3GT-61E)旋緊到中心螺母(X3GT-61B)距離為0.4mm。

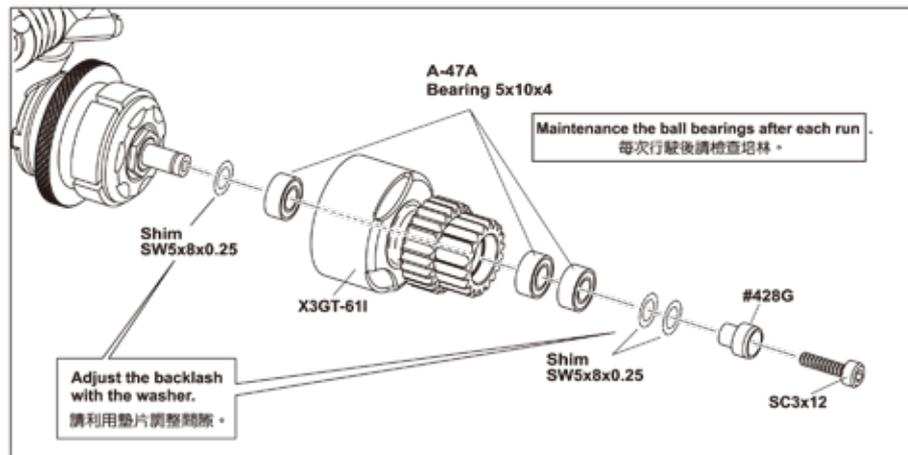
51 ASSEMBLY OF THE CLUTCH BELL
組合離合器罩



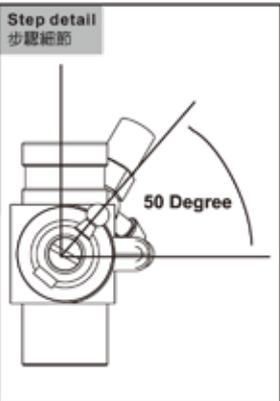
52 ASSEMBLY OF THE CLUTCH BELL
組合離合器罩



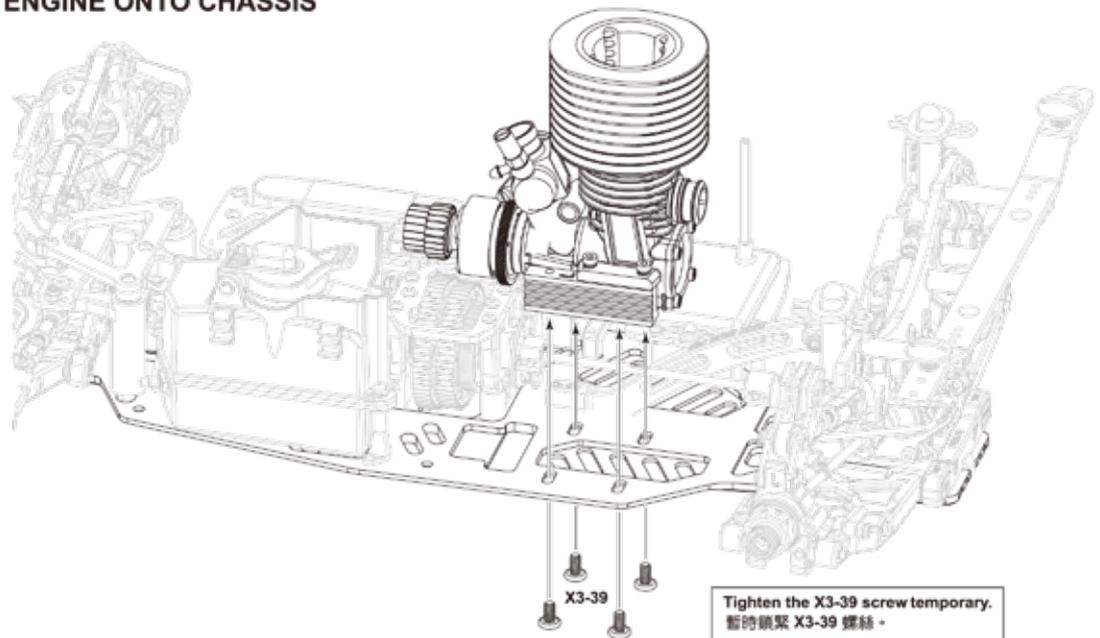
-  SC3x12mm Cap Screwx1
有頭內六角螺絲
-  SW5x8x0.25mm Washerx3
墊片
-  A-47A 5x10x4mm Ballbearingsx3
培林



53 ASSEMBLY OF THE ENGINE ONTO CHASSIS
組合引擎至底盤



-  X3-39 4x8mm Engine Mount Screwx4
內六角引擎座螺絲

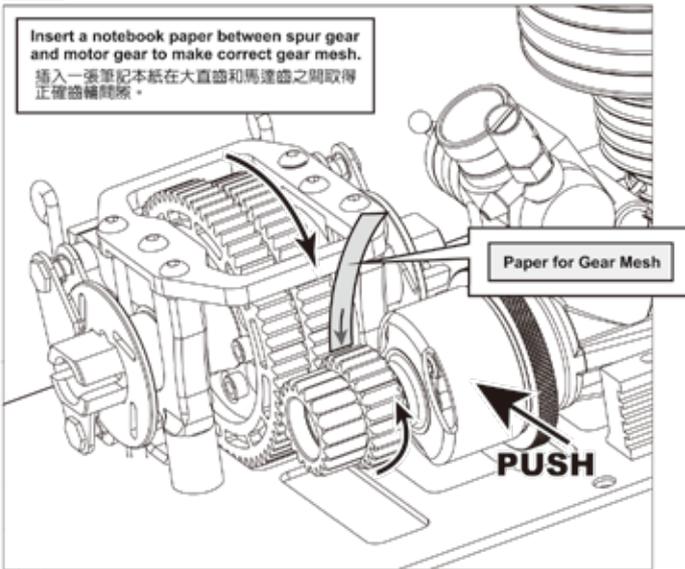


54 ADJUST ENGINE AND SPUR GEAR MAINTENANCE
調整引擎與大直齒距離

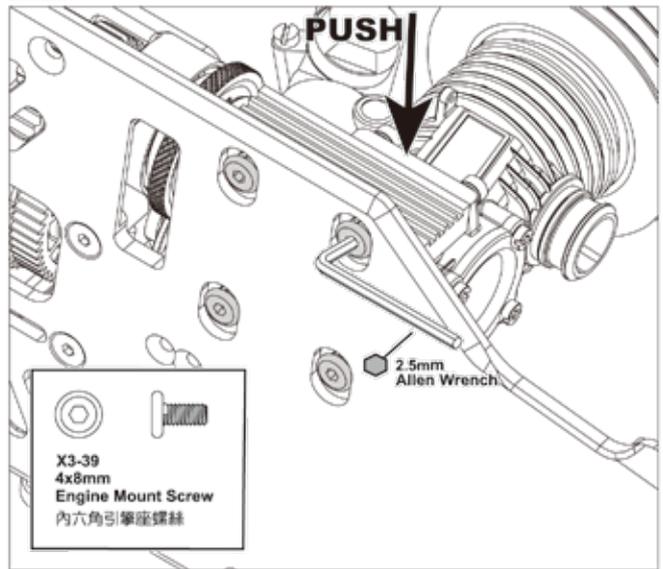
EXTREMELY IMPORTANT 非常重要

Step 1

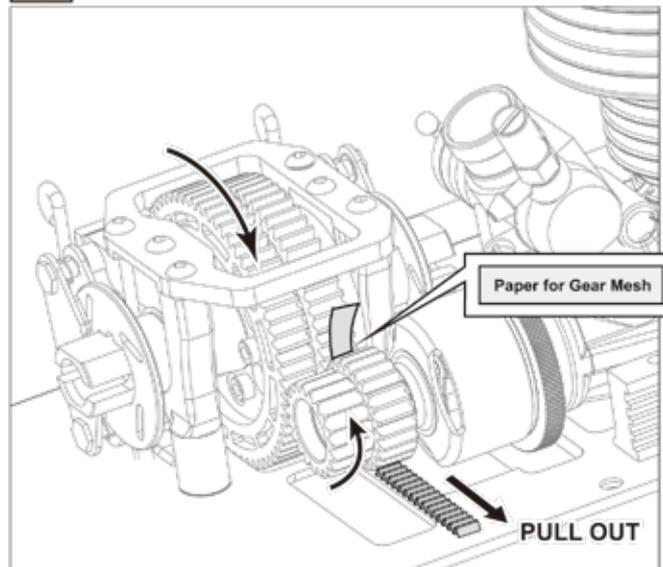
Insert a notebook paper between spur gear and motor gear to make correct gear mesh.
插入一張筆記本紙在大直齒和馬達齒之間取得正確齒輪間隙。



Step 2



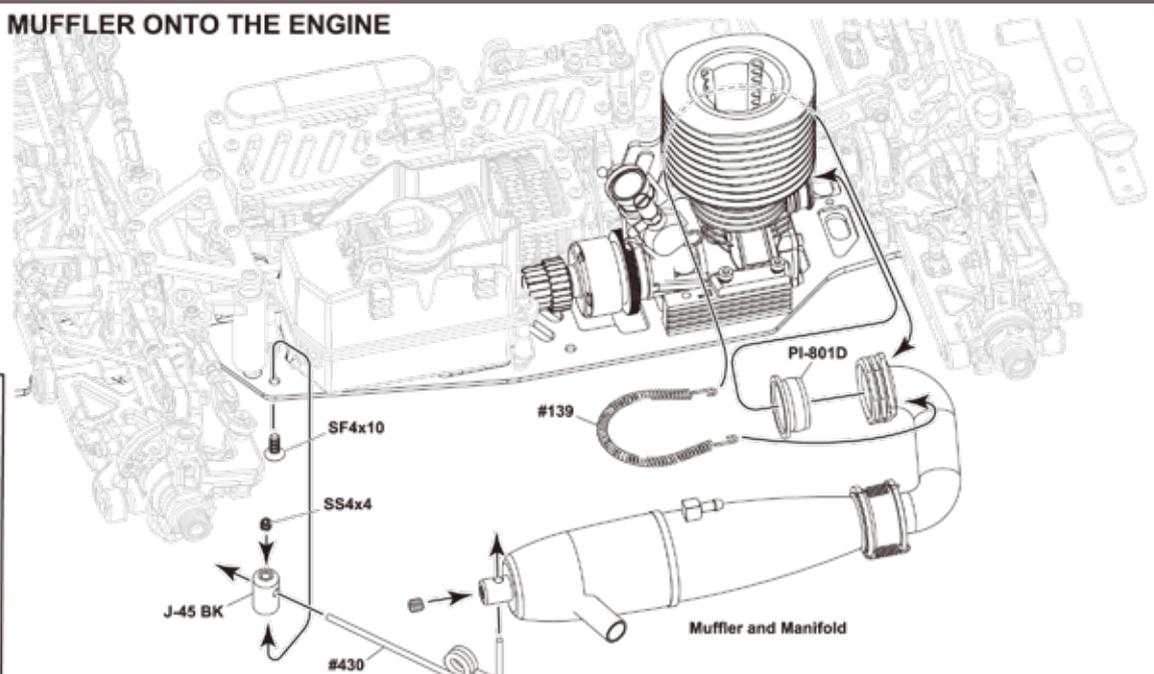
Step 3



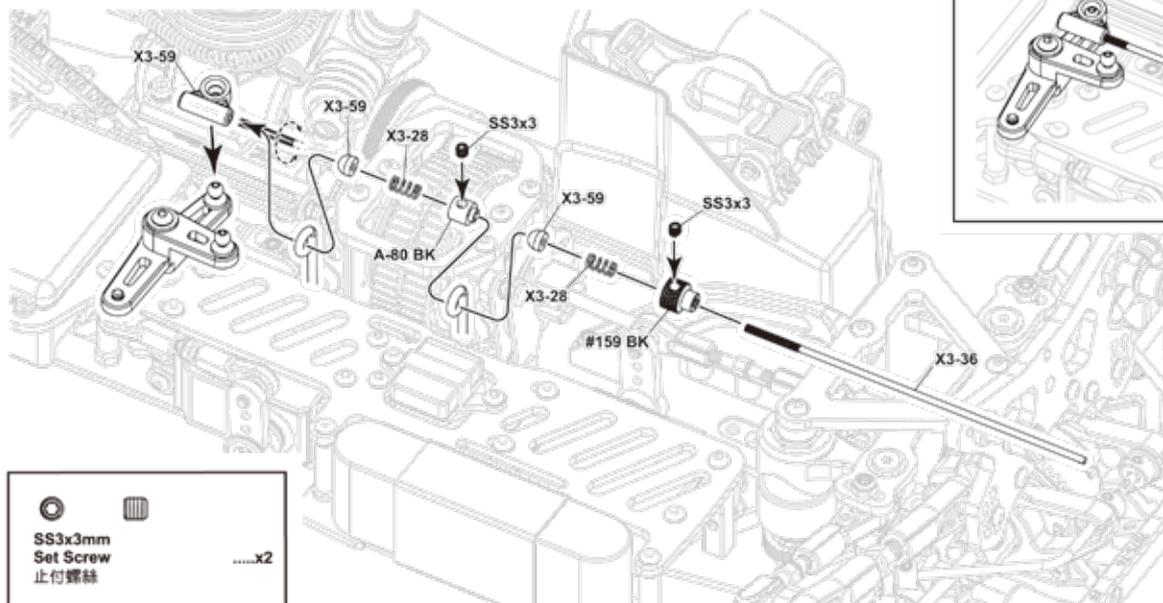
- Adjust the engine mount position to get proper gear mesh.
調整引擎座位置取得齒輪間隙。
- To get a perfect gear mesh, place a piece of notebook paper between the gears and tighten the engine mount screws.
要取得完美的齒輪間隙，需放置一張筆記本紙在齒輪之間並鎖緊引擎座螺絲。
- If the gear mesh is not correct the spur gear will be damaged.
如果齒輪間隙不正確會導致大直齒損壞。

55 ASSEMBLY OF THE MUFFLER ONTO THE ENGINE
排氣管與引擎組合

- | | | |
|--|--|---------|
| | SF4x10mm
Flat Head Screw
皿頭內六角螺絲 |x1 |
| | SS4x4mm
Set Screw
止付螺絲 |x2 |

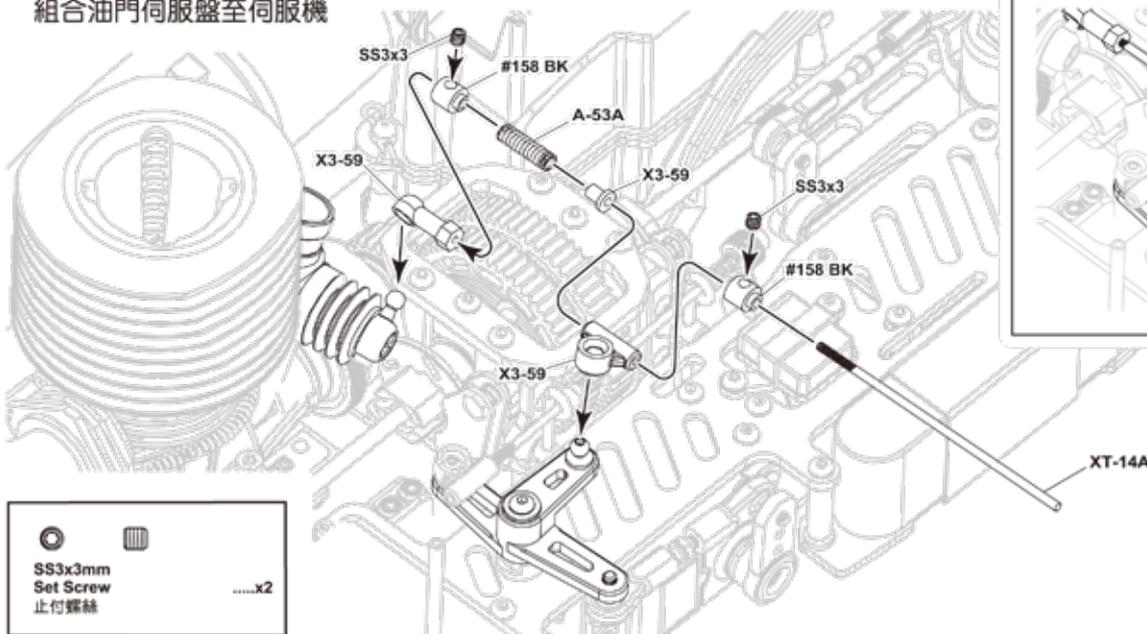


56 ASSEMBLY OF THE BRAKE LINKAGE 組合剎車調整組



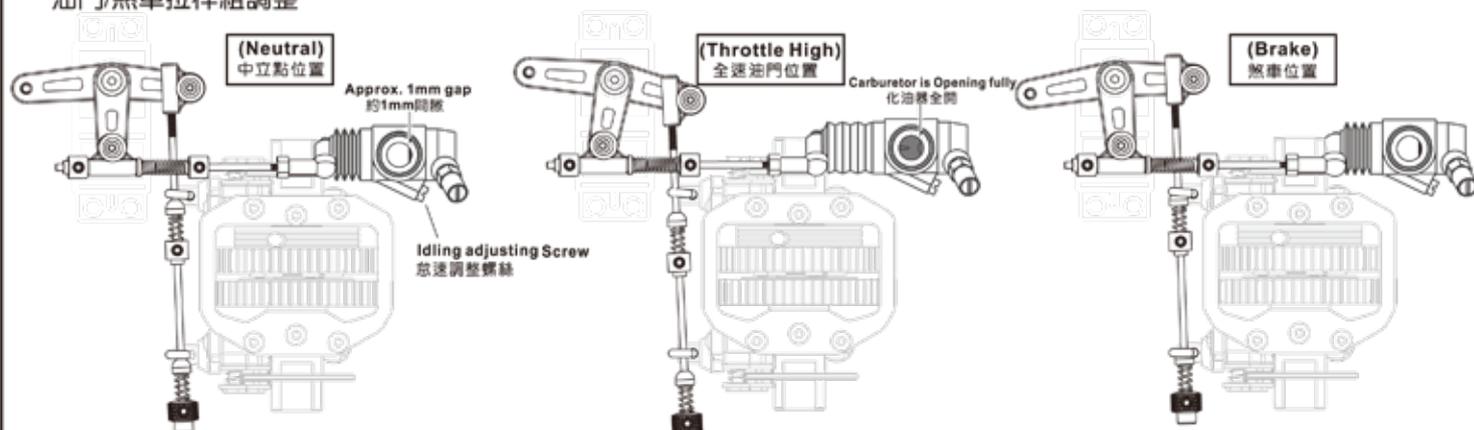
SS3x3mm
Set Screw
止付螺絲x2

57 ASSEMBLY OF THE THROTTLE LINKAGE ONTO SERVO 組合油門伺服盤至伺服機



SS3x3mm
Set Screw
止付螺絲x2

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



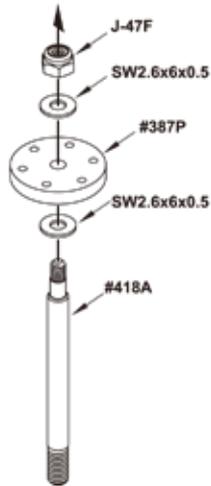
- * Turn on the Transmitter then Receiver and set the Engine Control Servo Trim at the neutral position.
- * Adjust the idling adjusting screw on the Carburetor to be open approx. 1mm gap.
- * Adjust both of the #158 Engine Control and Brake linkage accordingly.
- * Adjust the Engine while it is not running.
- * 開啟遙控器和接收機的電源並且調整何脫機片在中立位置
- * 調整怠速螺絲使化油器開口約1mm間隙。
- * 調整 #158 鉸鏈與油門滑座約0mm間隙且油門 / 煞車拉桿在中立位置

- * 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 to the correct position.
- * 將遙控器油門開放在全速位置。
- * 如果化油器開啟不足或過度,請改變油門滑座和何脫片的安裝孔位,使化油器開啟至全開位置。若是遙控器有油門行程調整功能也可使用調整全速油門的正確位置

- * Adjust #158R 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 and #158 to Change the front or Rear Brake.
- * 調整彈簧鉸鏈使煞車動作滑順。
- * 如果煞車不足或過度,請適度調整#158鉸鏈位置,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 調整鉸鏈 改變前 / 後煞車力度

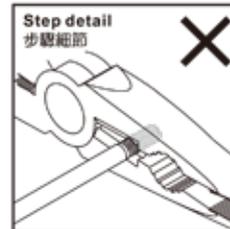
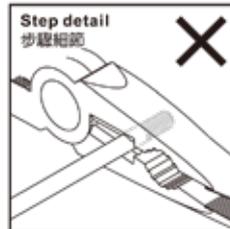
59 ASSEMBLY OF THE SHOCK SHAFTS
組合避震器

BAG NO.9 x4



Step detail
步驟細節

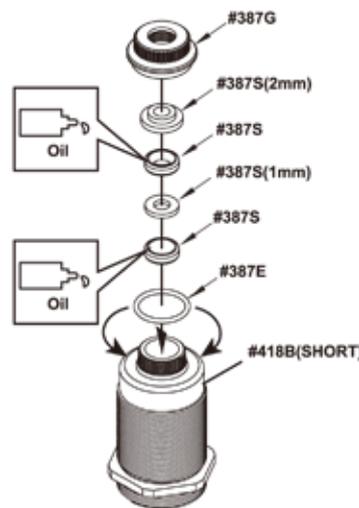
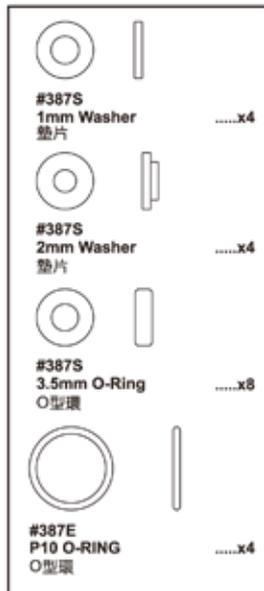
- Hold the shock rod at its thread with side needle nosed pliers. 使用尖嘴鉗夾住避震軸心螺紋頂部。
- Be careful not to damage the shock shaft. 小心不要夾傷避震軸心。



60 ASSEMBLY OF THE SHOCK O-RING
組合避震器

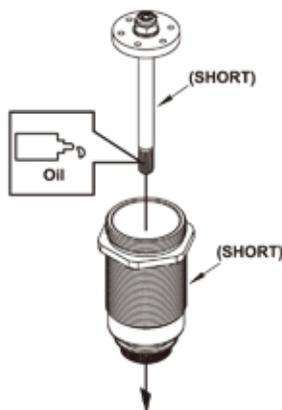
BAG NO.9

x4



61 ASSEMBLY OF THE SHOCK SHAFTS INTO SHOCK BODIES
組合避震器

x4



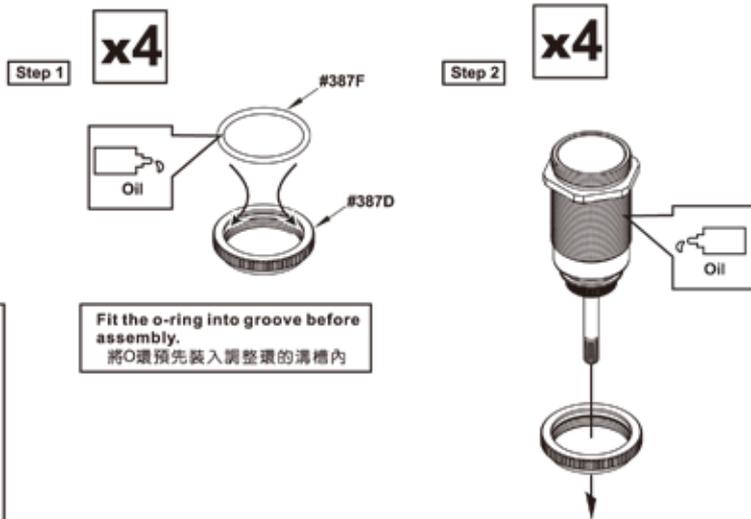
⚠ EXTREMELY IMPORTANT 非常重要

Do not push the shock shaft straight down. O-ring can be damaged. 組裝時避震軸心不可直接穿過避震筒底部；O型環可能會受損。

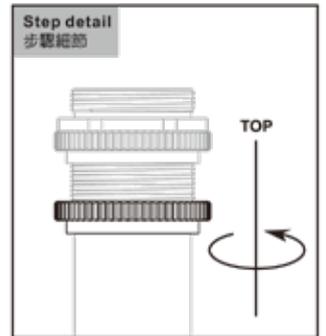
Slowly twist the shock shaft down to the bottom. 組裝時避震軸心應該旋轉穿過避震筒底部。

62 ASSEMBLY OF THE SHOCK ADJUST RING
組合避震器

BAG NO.9

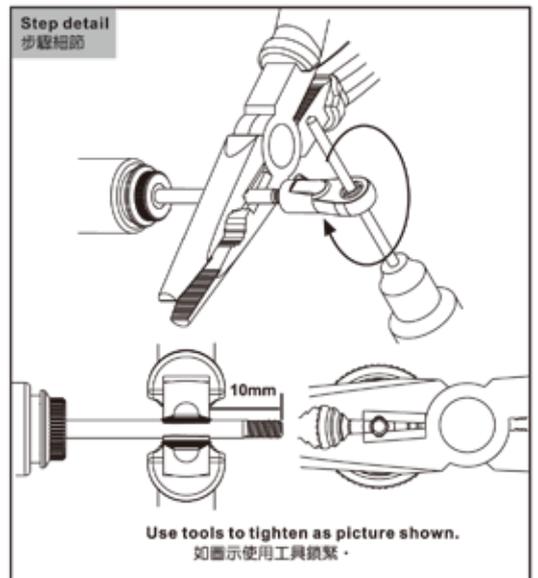
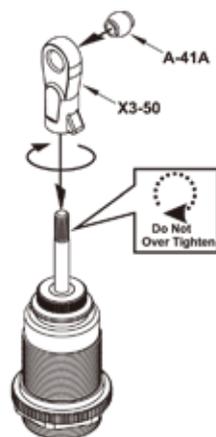
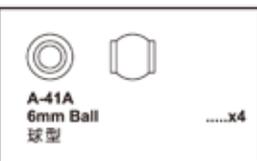
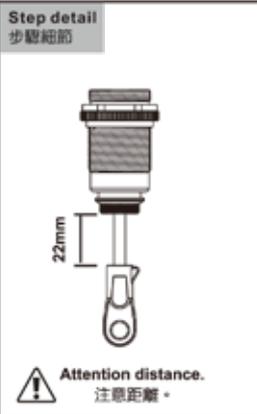


Fit the o-ring into groove before assembly.
將O環預先裝入調整環的清槽內



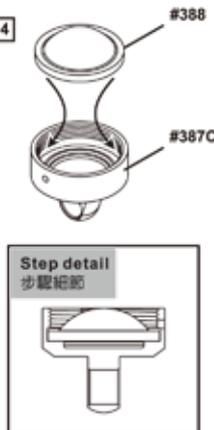
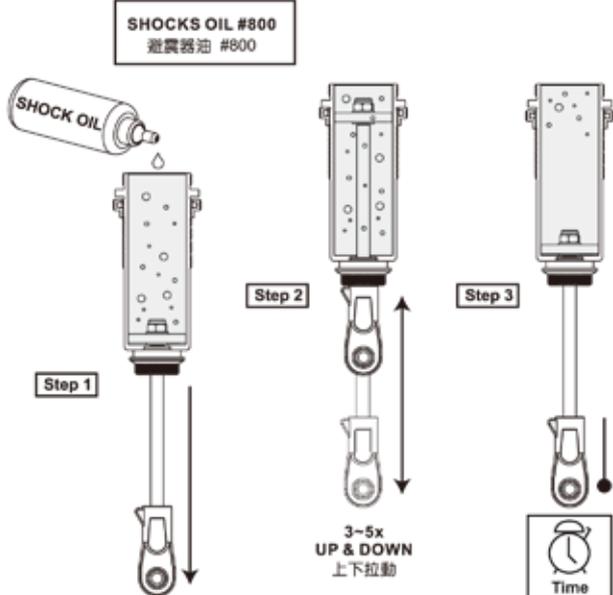
63 ASSEMBLY OF THE SHOCK BALL END
組合避震器

BAG NO.9 x4



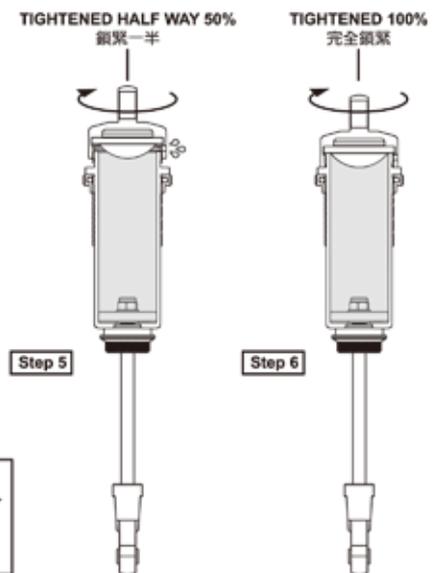
64 SETTING THE SHOCK
設置避震器

BAG NO.9 x4



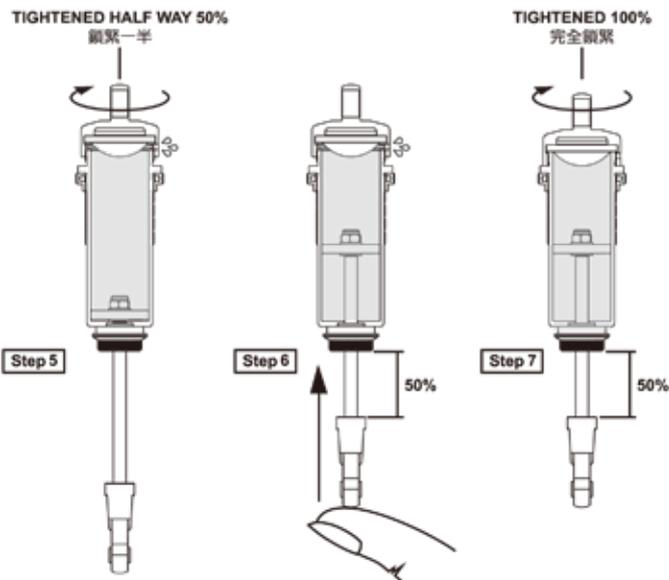
- Leave the filled shock vertically for several minutes with the shock shaft fully extended.
將避震軸心下拉到底垂直放置幾分鐘。
- The remaining air bubbles will release.
剩餘空氣泡會消散。

REBOUND TO 100% (HIGH REBOUND)
設置避震器反彈到 100% (高反彈)



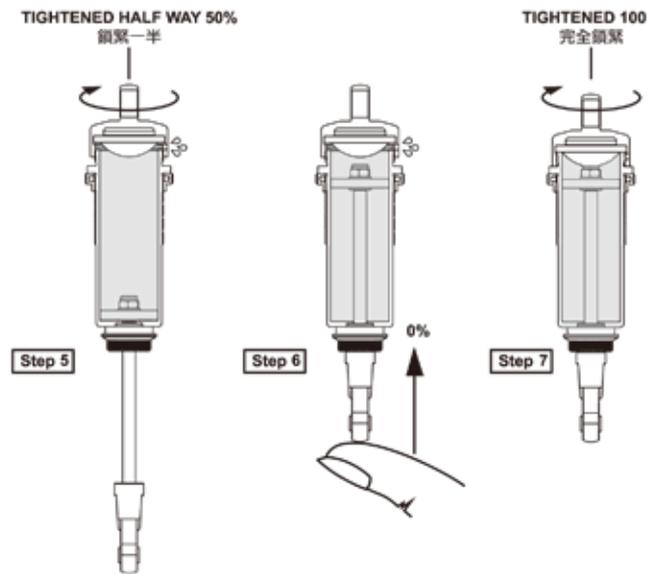
65 SETTING THE SHOCK REBOUND TO 50% (MEDIUM REBOUND)

設置避震器反彈到 50% 適中反彈



SETTING THE SHOCK REBOUND TO 0% (LOW REBOUND)

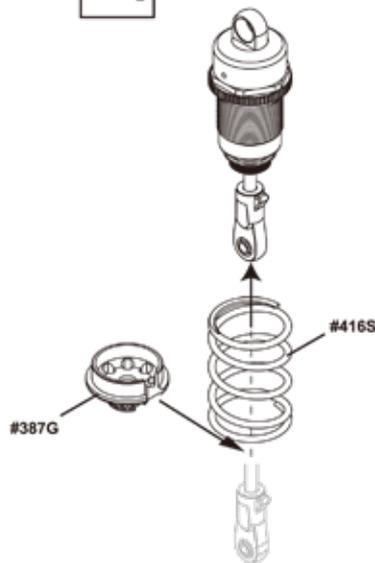
設置避震器反彈到 0% (低反彈)



66 ASSEMBLY OF THE SHOCKS SPRING

組合避震器彈簧

BAG NO.9 x4



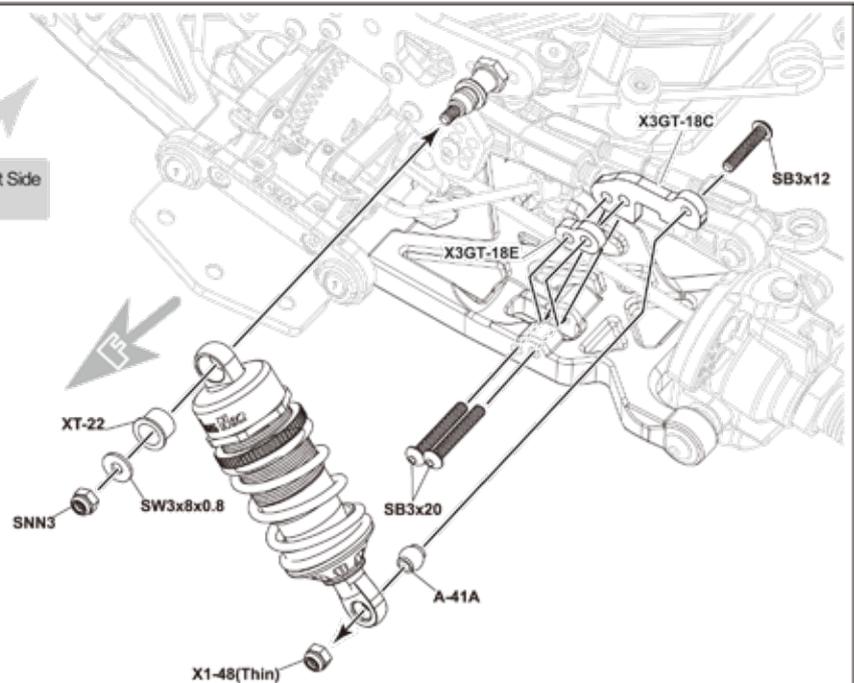
67 ASSEMBLY OF THE SHOCKS INTO THE FRONT SHOCK STAY

組合避震器至前油壓架

BAG NO.2 NO.9

- | | | | | |
|--|-------------|------------------|---------|---------|
| | X1-48 | Nylon Nut (Thin) | 薄尼龍螺帽 |x2 |
| | SNN3mm | Nylon Nut | 尼龍螺帽 |x2 |
| | SW3x8x0.8mm | Washer | 墊片 |x2 |
| | SB3x12mm | Hex Screw | 半孔內六角螺絲 |x2 |
| | SB3x20mm | Hex Screw | 半孔內六角螺絲 |x4 |

Do The Same Thing On The Right Side
右側同樣操作

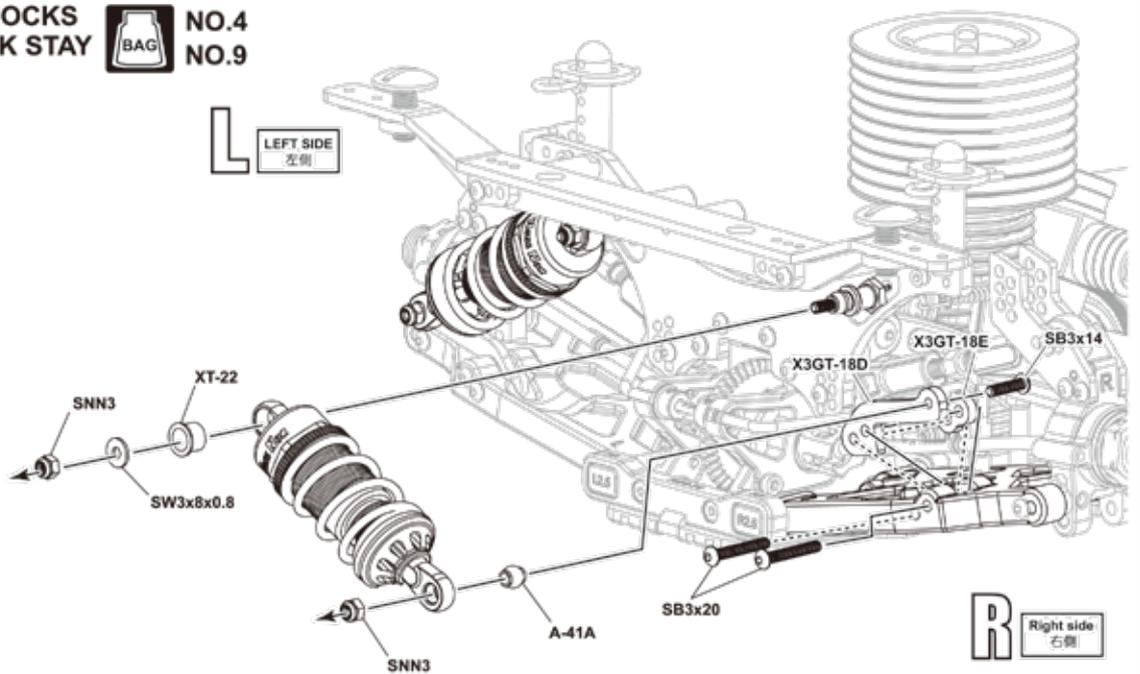


68 ASSEMBLY OF THE SHOCKS INTO THE REAR SHOCK STAY
組合避震器至後油壓架



NO.4
NO.9

- | | | |
|--|-------------------------------|---------|
| | SNN3mm Nylon Nut
尼龍螺帽 |x4 |
| | SW3x6x0.8mm Washer
墊片 |x2 |
| | SB3x14mm Hex Screw
半孔內六角螺絲 |x2 |
| | SB3x20mm Hex Screw
半孔內六角螺絲 |x4 |

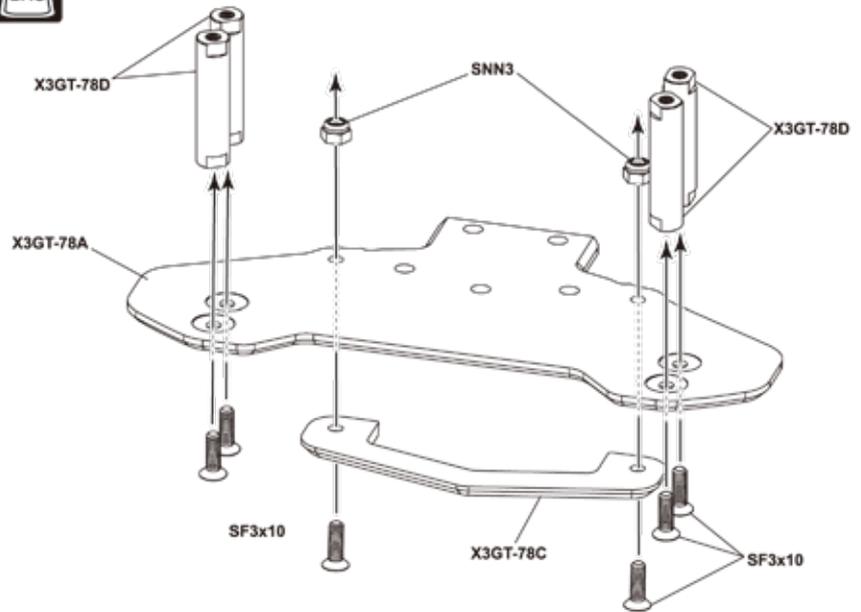


69 ASSEMBLY OF THE FRONT BUMPER
前防撞板組合



NO.8

- | | | |
|--|---|---------|
| | SNN3mm Nylon Nut
尼龍螺帽 |x2 |
| | SF3x10mm Flat Head Hex Screw
圓頭內六角螺絲 |x6 |



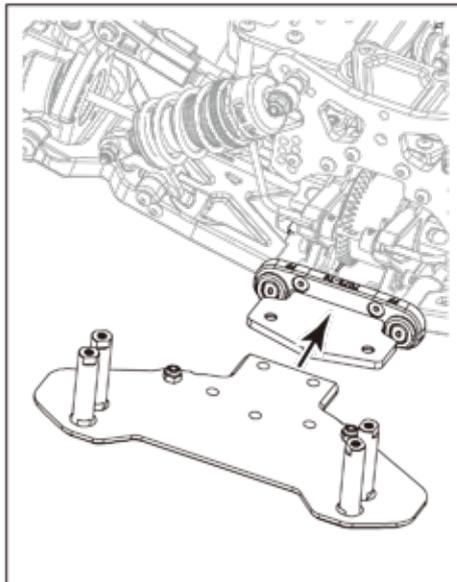
70 ASSEMBLY OF THE FRONT BUMPER
前防撞板組合



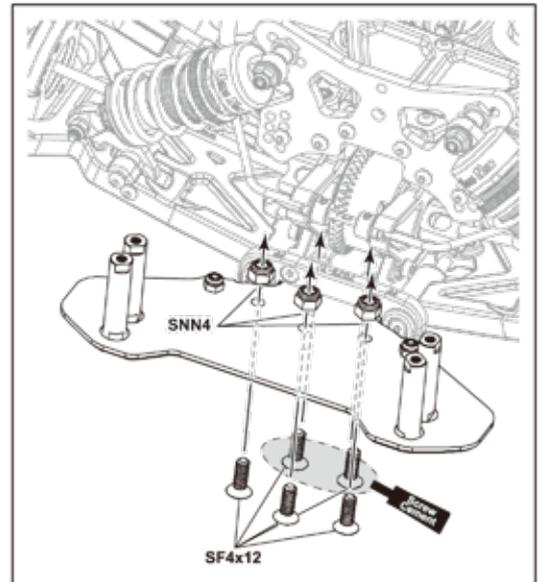
NO.8

- | | | |
|--|---|---------|
| | SNN4mm Nylon Nut
尼龍螺帽 |x3 |
| | SF4x12mm Flat Head Hex Screw
圓頭內六角螺絲 |x5 |

Step 1



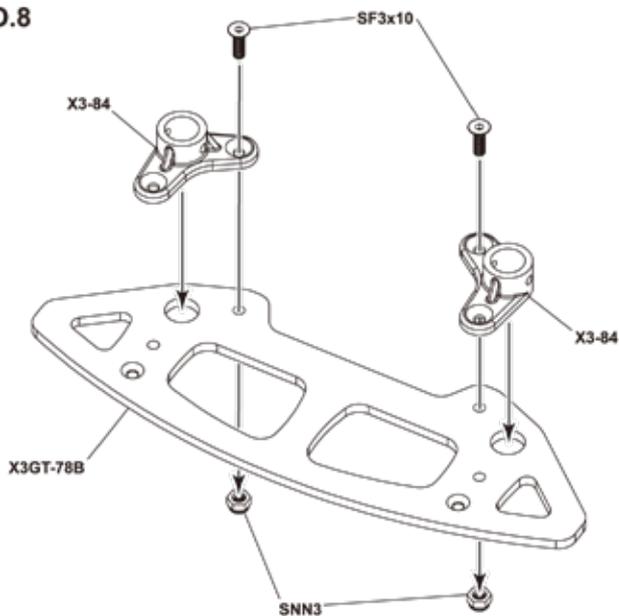
Step 2



71 ASSEMBLY OF THE FRONT BUMPER
前防撞板組合



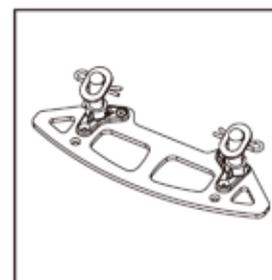
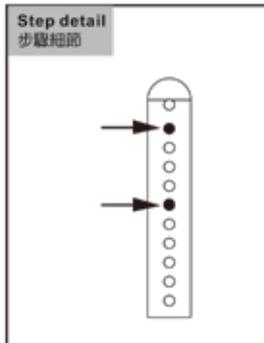
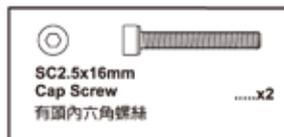
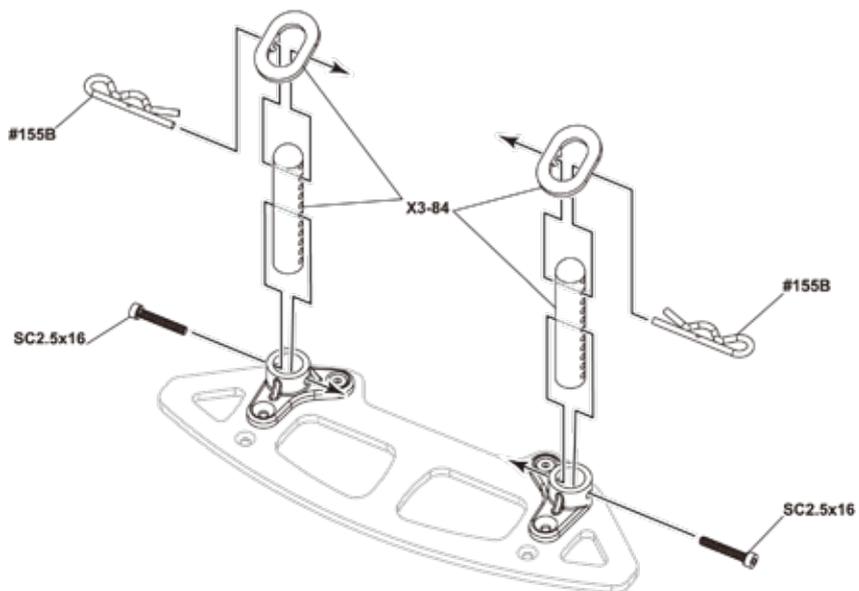
NO.8



72 ASSEMBLY OF THE FRONT BUMPER
前防撞板組合



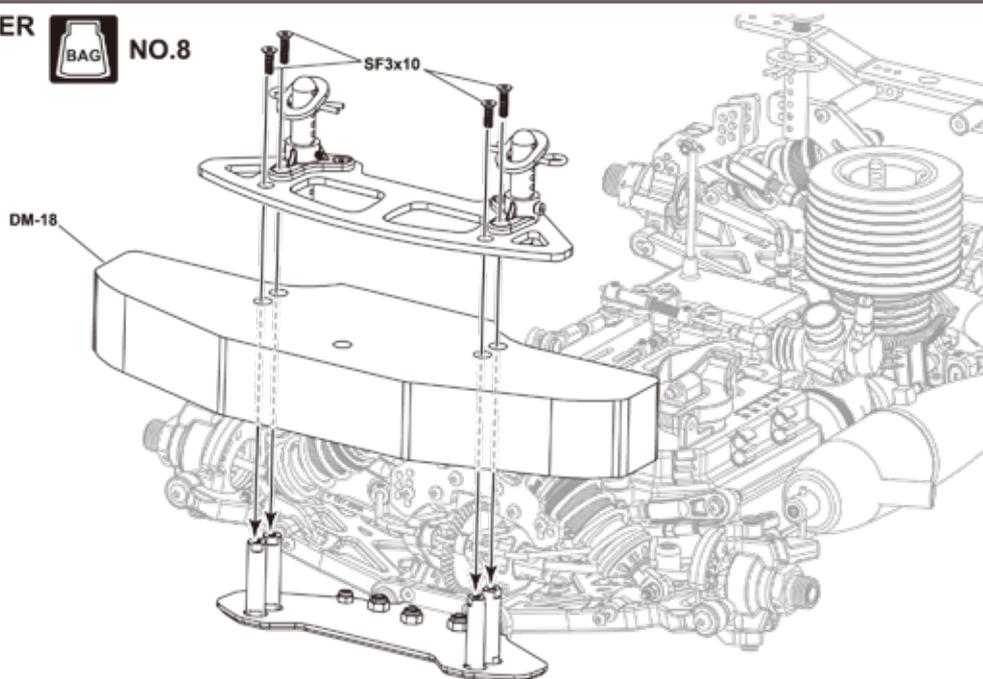
NO.8



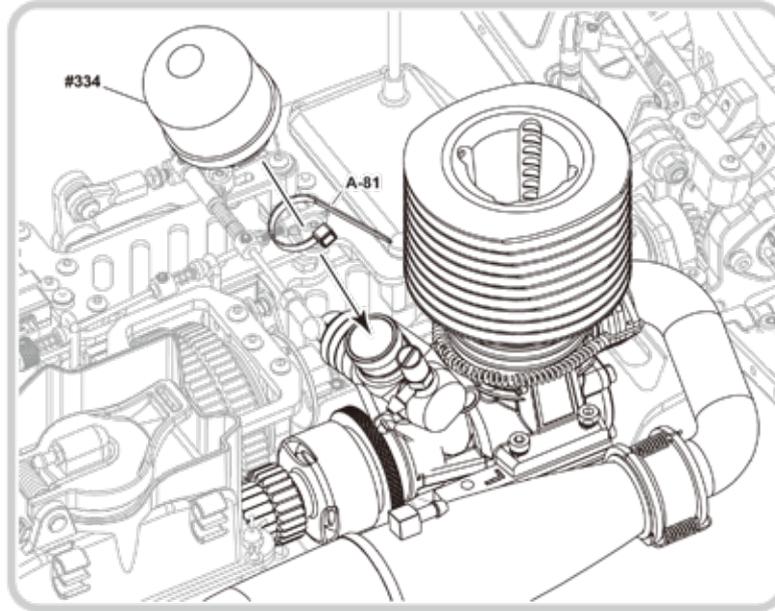
73 ASSEMBLY OF THE FRONT BUMPER
前防撞板組合



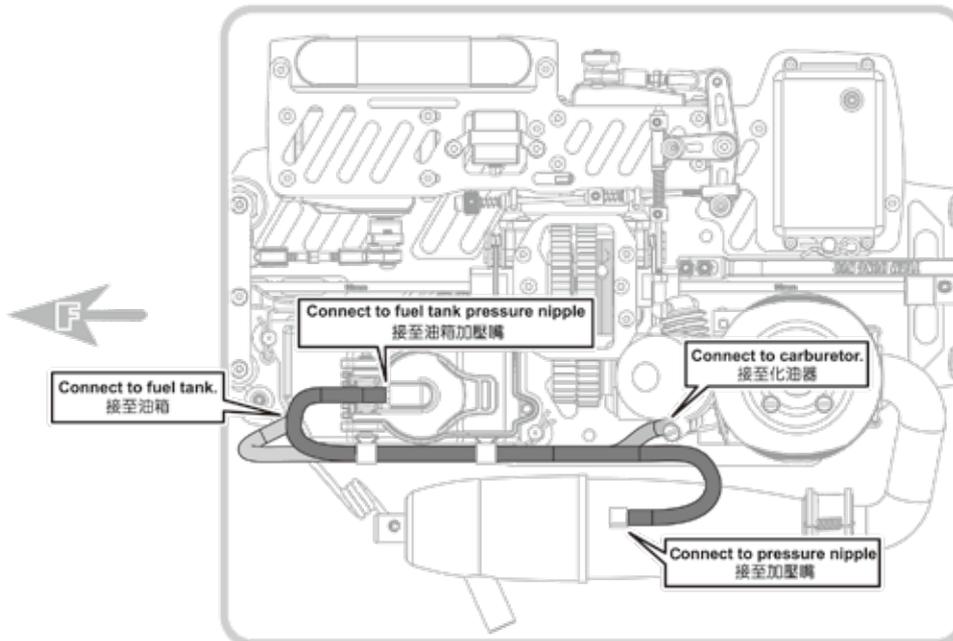
NO.8



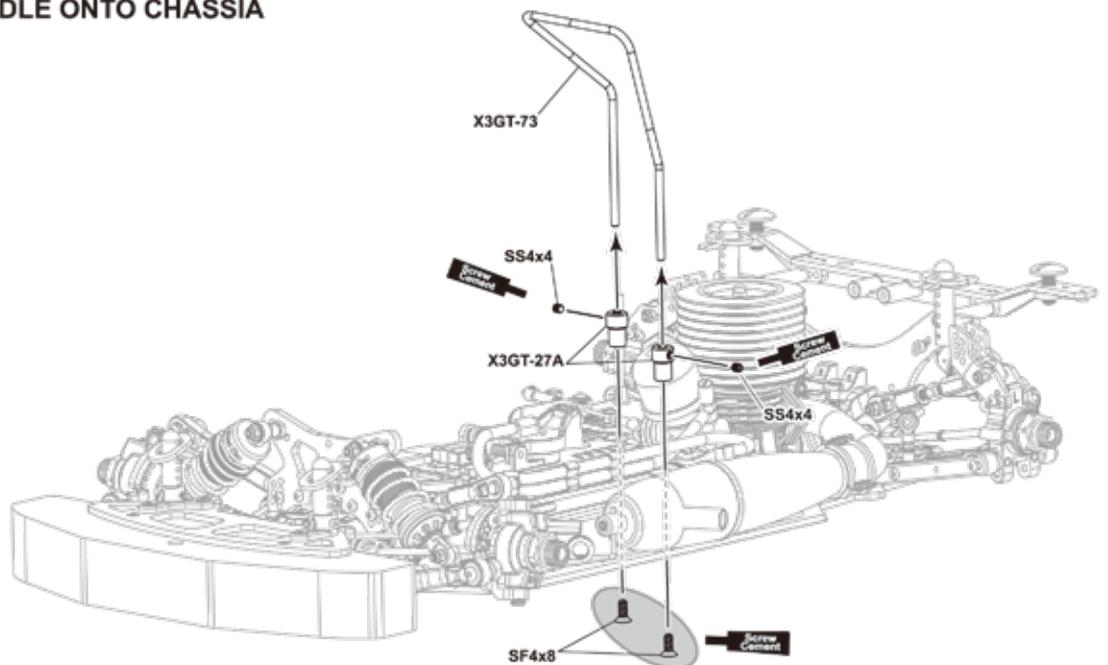
74 ASSEMBLY OF THE AIR FILTER ONTO ENGINE
 組合空氣過濾器至引擎



75 ASSEMBLY OF THE FUEL TUBE
 油管組合

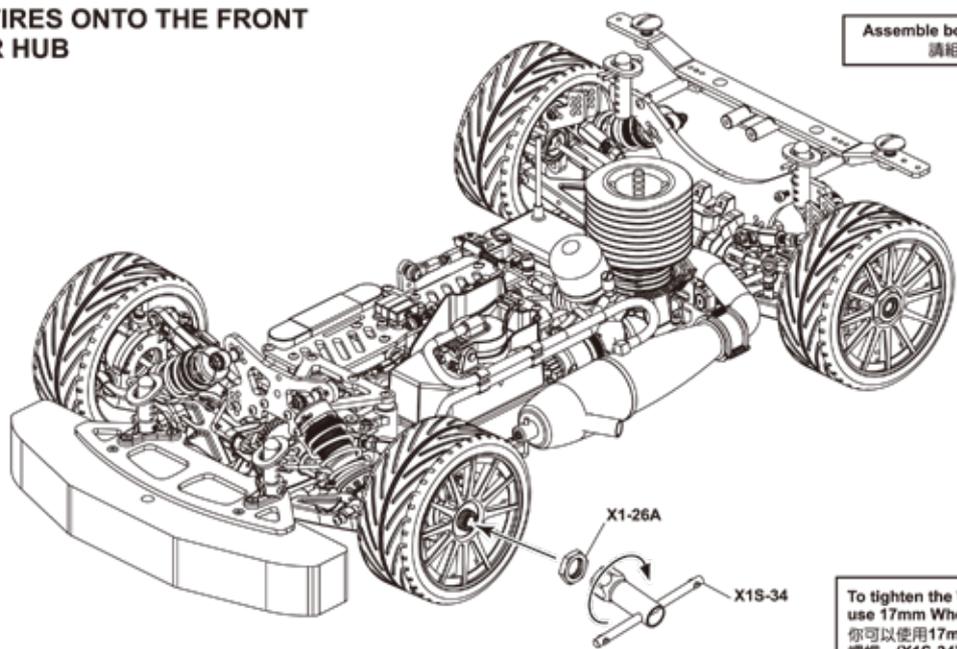


76 ASSEMBLY OF THE HANDLE ONTO CHASSIS
 提把組合到底盤



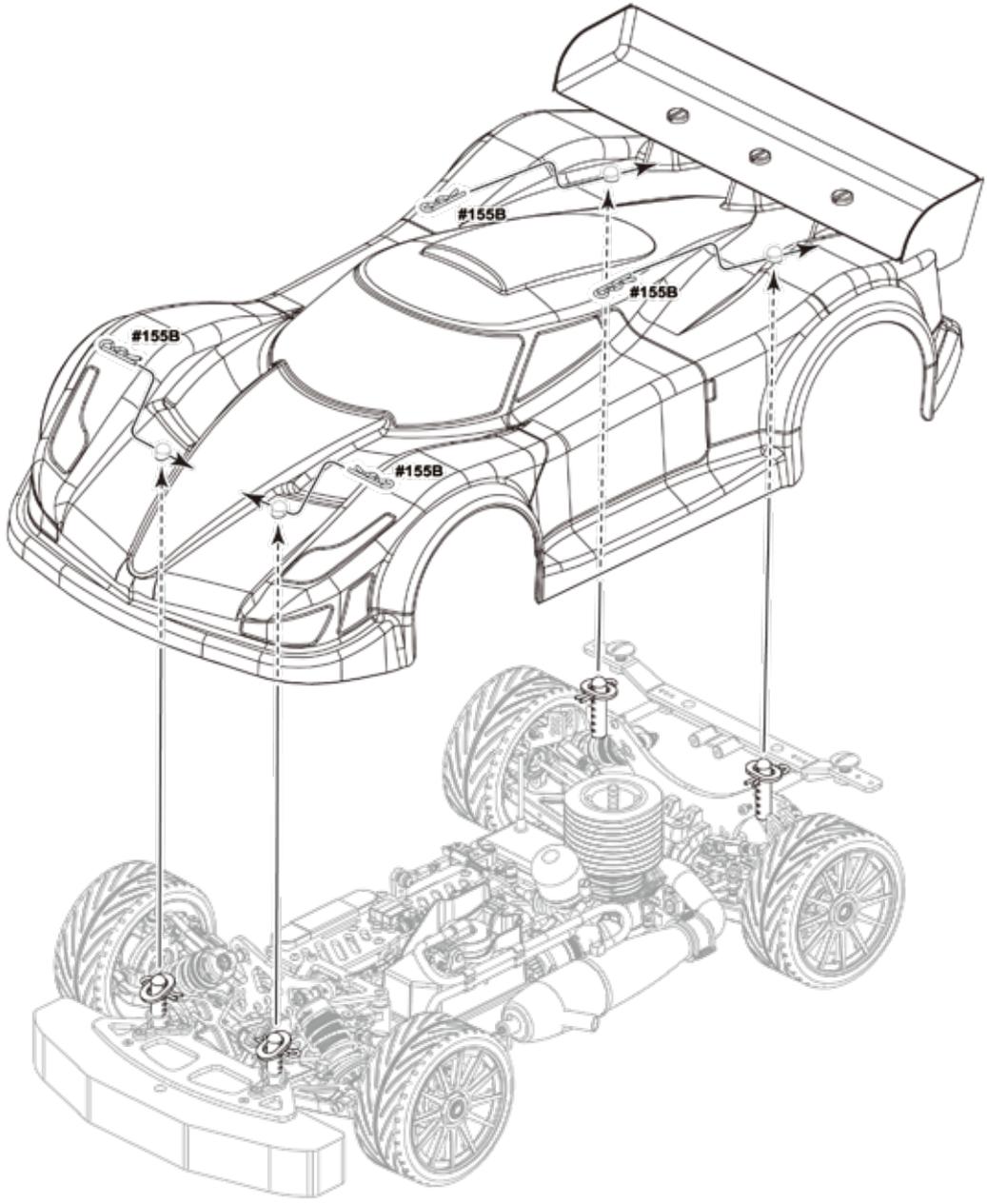
77 ASSEMBLY OF THE TIRES ONTO THE FRONT KNUCKLE AND REAR HUB
 組合輪胎至車體

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



To tighten the Wheel Nut you can also use 17mm Wheel Nut Tool.(X1S-34)
 你可以使用17mm六角套筒板手鎖緊螺帽。(X1S-34)

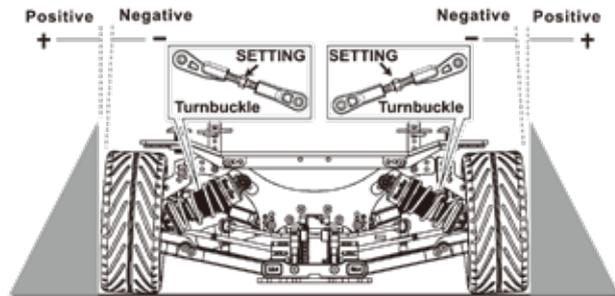
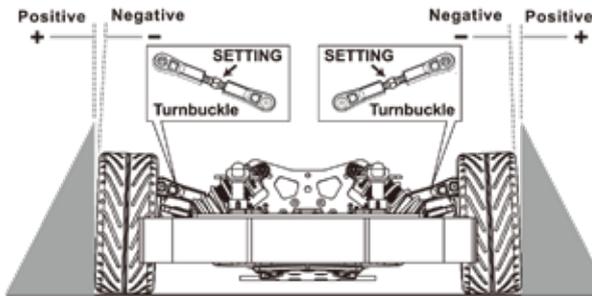
78 MOUNTING THE BODY SHELL
 安裝車殼



SETTING GUIDE

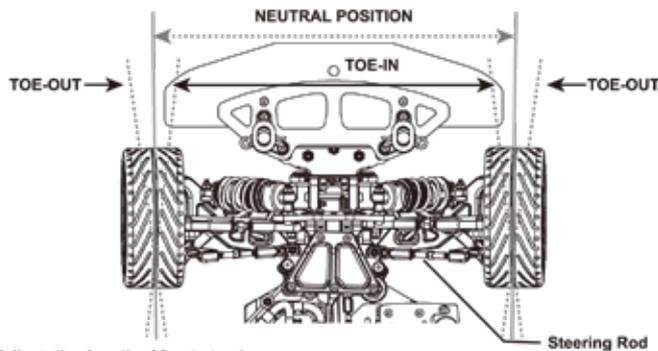
FRONT CAMBER ANGLE SETTING

REAR CAMBER ANGLE SETTING



- 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 vertical to the ground.
- Adjust the camber angle by turning the turnbuckle rod on the upper arms clockwise or anti-clockwise. (We suggest to use zero degree for the front and 1.5 degree negative for the rear.)

FRONT TOE-IN AND TOE-OUT SETTING



- Adjust the length of front steering rod to change the toe angle.
- Making the tie rod longer will make front tires toed in.
- Response will be slower and may over steer.
- Making the tie rod shorter will make front tires toed out.
- Response will be quicker and may under steer.

REAR WHEELBASE

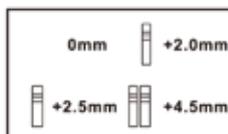
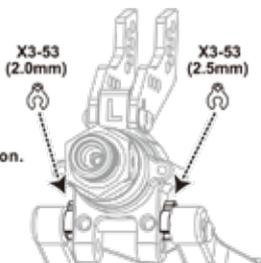
Adjust the wheelbase by using the spacers on either side of the rear wheel hub (at the bottom pin). **IMPORTANT!** Make equal adjustments on both left and right sides of the car.

Shorter wheelbase

- less spacers in front of the rear wheel hub.
- 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.

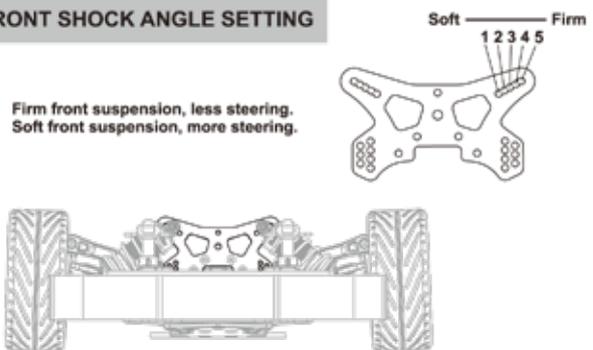
Longer wheelbase

- more spacers in front of the rear wheel hub.
- 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.



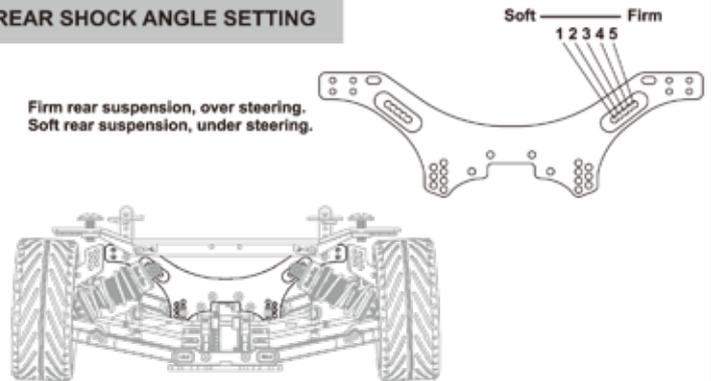
- Different shock positions will result in firmer or softer response of the suspension system.
- Install the shock in an inward angle will cause softer rebound. Softer or firmer suspension system will lead to different steering response.
- Adjust the shock angle positions according to track conditions.

FRONT SHOCK ANGLE SETTING



Firm front suspension, less steering.
Soft front suspension, more steering.

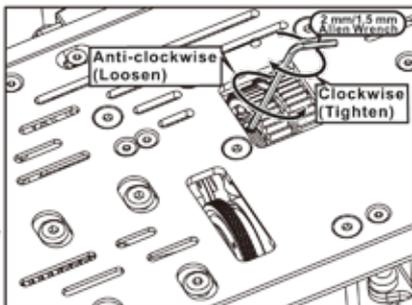
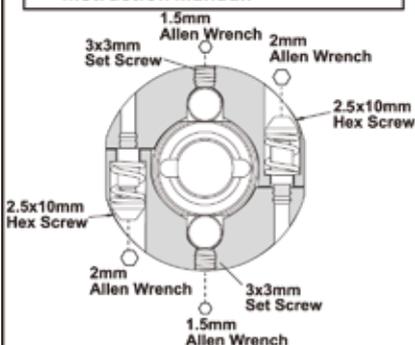
REAR SHOCK ANGLE SETTING



Firm rear suspension, over steering.
Soft rear suspension, under steering.

ADJUSTING THE SHIFT POINT

- Adjust the engine before adjusting the clutch shift timing.
- Adjust the engine as per engine instruction manual.



* Use a 1.5mm allen wrench to adjust the 3x3mm set screw which is used to adjust the distance between the clutch shoe and clutch bell.

* Use a 2mm allen wrench to adjust the 2.5x10mm hex screw will be change the shift timing of the clutch shoe.

SHIFT UP TIMING ADJUSTMENT

- Once the engine adjustments have been completed, proceed to the adjustment of the clutch shoe shift timing. (Using a 2mm allen wrench to adjust the clutch shoe on either side.)

Note: Clockwise-----Shift timing will become slower.
Anticlockwise---Shift timing will become quicker.

- Adjust the clutch shift timing for your track conditions. As you tighten (Clockwise) the 2.5x10mm screw, the shift timing will become slower. As you loosen (Anti-clockwise) the 2.5x10mm screw, the shift timing will become quicker.
- Set the shift timing to the track conditions while the car is running.

2 SPEED GEAR RATION COMBINATIONS

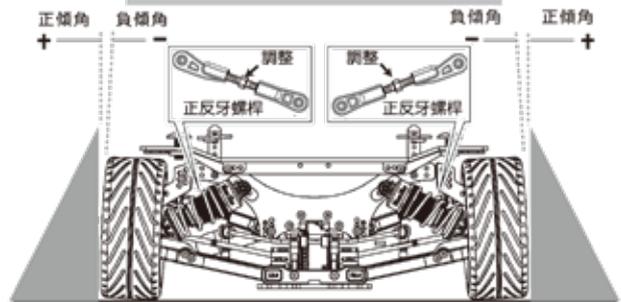
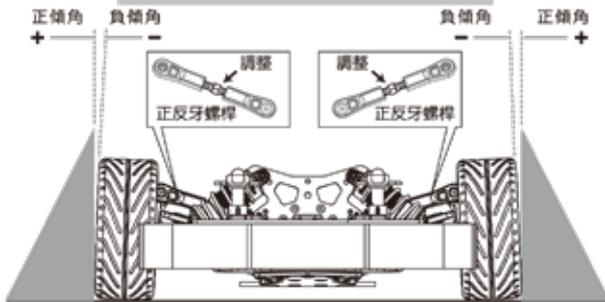
2 speed transmission allows the car to have more punch out of the corners and higher top speed. We offer many different pinion and spur gear combinations which can be used for different tracks.

Spur Gear	Clutch Gear (3 tooth different)			Torque ↑ Speed ↓
	17T-22T	18T-23T	19T-24T	
62T-58T	←————→			↑ ↓
61T-57T				
60T-56T				

輪胎角度設定

前胎傾角調整

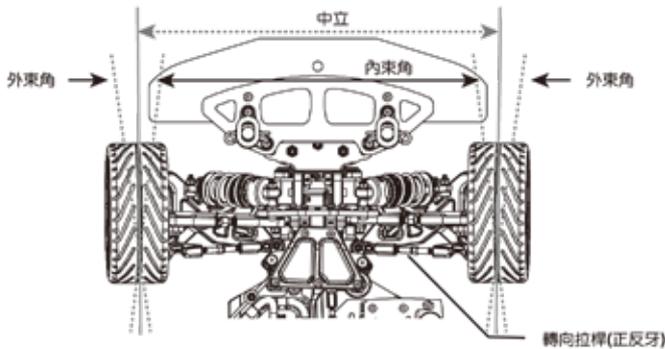
後胎傾角調整



- 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)。
- 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。

(我們建議前轉為0度,後轉為負1.5度。)

前輪內束角/外束角 調整

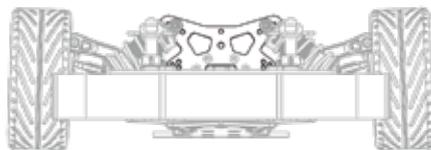


改變前輪轉向拉桿之長度可以改變前輪“內束角”與“外束角”。

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。

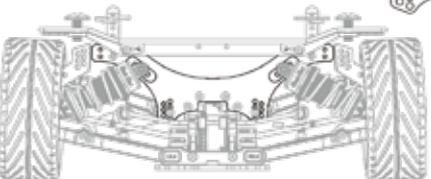
前油壓避震器角度調整

前輪硬-轉向不足
前輪軟-轉向過度

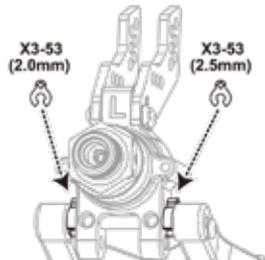
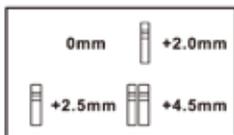


後油壓避震器角度調整

後輪硬-轉向過度
後輪軟-轉向不足



後輪軸距



- 透過使用在後輪座的插托來調整軸距。
- 重要事項：後輪座左右邊的插托必需相同。

短軸距

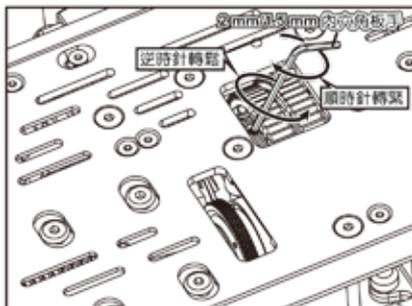
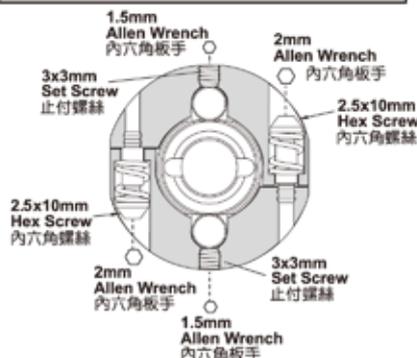
- 在後輪座的前方減少插托。
- 在加速時增加重心向後移動。
- 油門開啟時增加抓地力。
- 油門關閉時轉向會變彎角較靈敏。
- 油門開啟時出彎有輕微的轉向不足。
- 增加轉向反應。
- 對於緊急彎與技術性跑過有較好操控性。

長軸距

- 在後輪座的前方增加插托。
- 減少加速度時重心向後移動。
- 增加行車穩定性。
- 最初換控反應緩慢(油門關閉時)。
- 改善油門開啟時的出彎性。
- 在不良起伏及凹凸路面有較好操控性。
- 在較寬及高速彎角跑過有較好的控制性。

調整二段變速離合器片開啟時間

- 先調整引擎再調整離合器開啟時間。
- 請依據引擎說明書調整引擎。



- * 使用 2mm 六角板手調整 2.5x10mm 螺絲可以調整離合器片換檔開啟時間。
- * 使用 1.5mm 六角板手調整 3x3mm 止付螺絲可以調整離合器片與鉗車的距離。

調整離合器片開啟時間

1. 當引擎調整適當之後才可進行調整二段變速的換檔開啟時間。(使用2mm內六角板手來調整, 並且必需兩邊同時調整相同。)

注意：順時針---鎖緊 2.5x10mm 內六角螺絲---凸輪開啟時間變慢
反時針---鬆開 2.5x10mm 內六角螺絲---凸輪開啟時間變快

2. 調整時必須使車子在正常行駛中進行, 並根據場地狀況進行調整工作。如此反覆調整直至滿意為止。

二段變速齒輪比

- 二段變速可以使車輪擁有更多的扭力和更高的速度。
- 我們提供不同的齒輪齒輪和大直齒輪的組合, 來配合不同的場地。

大直齒輪組	磅齒輪組 (3齒不同)			扭力 ↓ 速度
	17T-22T	18T-23T	19T-24T	
62T-58T				
61T-57T				
60T-56T				



SET-UP SHEET

AIR TEMP _____ F° °
 LAPS _____
 BEST LAP TIME _____ in LAP
 TRACK SIZE
 OPEN MEDIUM TIGHT
 TRACK TRACTION
 HIGH MEDIUM LOW

DIFFERENTIAL OIL

FRONT	REAR
<input type="checkbox"/> STD	<input type="checkbox"/> STD
wt. _____	wt. _____

DIFFERENTIAL CASE

<input type="checkbox"/> PLASTIC	<input type="checkbox"/> ALUM
----------------------------------	-------------------------------

CLUTCH



SHOE _____
 SPRING _____
 mm _____

GEARING

SPUR GEAR	T & _____	T
PINION GEAR	T & _____	T

TIRES

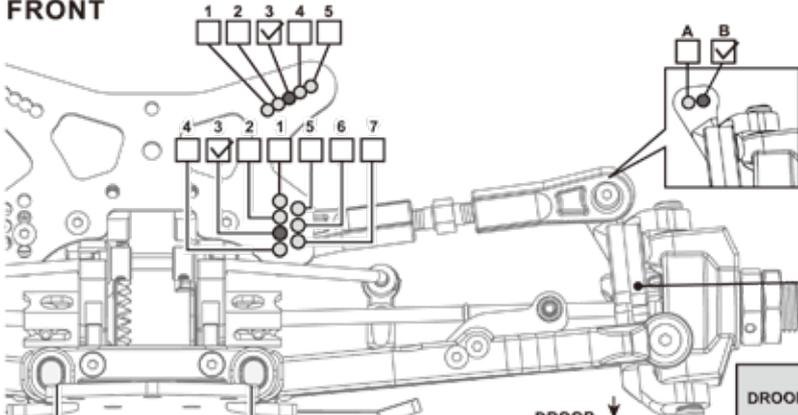
FRONT TYPE _____
 COMPOUND _____
 INSERT FOAM _____

REAR TYPE _____
 COMPOUND _____
 INSERT FOAM _____

ENGINE

TYPE _____
 PORT _____
 PLUG _____
 NORMAL TURBO
 HEAD CLEARANCE _____
 PIPE _____
 FUEL BRAND _____

FRONT



CASTER BLOCK

<input type="checkbox"/> 6°	<input type="checkbox"/> 8°
<input checked="" type="checkbox"/> 10°	<input type="checkbox"/> 12°

DROOP 4 mm

INSERT NR. **0**

STEERING BAR

A B C

X3S-44 (OPT)

1
 2
 3
 4
 5

RIDE HEIGHT _____ mm

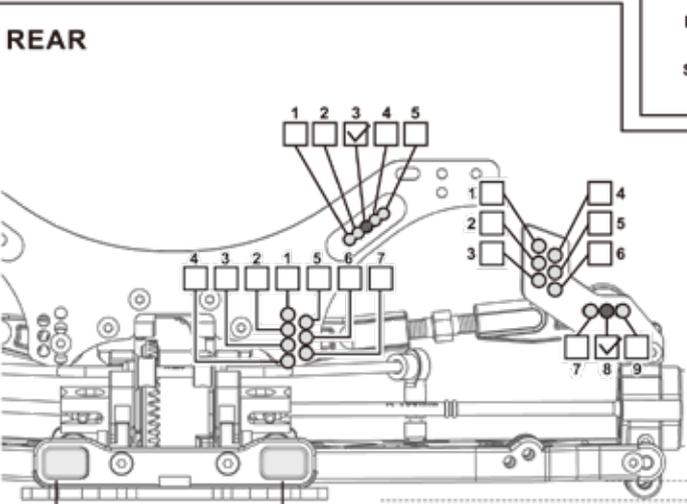
SWAY BAR 2.3 mm

CAMBER ANGLE -2 °

TOE ANGLE +1 °

INSERT NR. **0.5**

REAR



DROOP 8 mm

INSERT NR. **2.5**

WHEELBASE SHIMS

<input type="checkbox"/> 0mm	<input checked="" type="checkbox"/> 2mm
<input type="checkbox"/> 2.5mm	<input type="checkbox"/> 4.5mm

SHOCK FRONT

SHOCK LENGTH _____ mm

OIL wt. **800**

PISTON **1.4** mm

SPRING **2.3**

SHOCK LENGTH _____ mm

RIDE HEIGHT _____ mm

SWAY BAR 2.5 mm

CAMBER ANGLE -2.5 °

INSERT NR. **2**

SHOCK REAR

SHOCK LENGTH _____ mm

OIL wt. **800**

PISTON **1.4** mm

SPRING **2.3**

SHOCK LENGTH _____ mm



SET-UP SHEET

AIR TEMP _____ F° °
 LAPS _____
 BEST LAP TIME _____ in LAP
 TRACK SIZE
 OPEN MEDIUM TIGHT
 TRACK TRACTION
 HIGH MEDIUM LOW

DIFFERENTIAL OIL

FRONT	REAR
<input type="checkbox"/> STD	<input type="checkbox"/> STD
wt. _____	wt. _____

DIFFERENTIAL CASE

<input type="checkbox"/> PLASTIC	<input type="checkbox"/> ALUM
----------------------------------	-------------------------------

CLUTCH



SHOE _____
 SPRING _____
 mm _____

GEARING

SPUR GEAR	T & _____	T _____
PINION GEAR	T & _____	T _____

TIRES

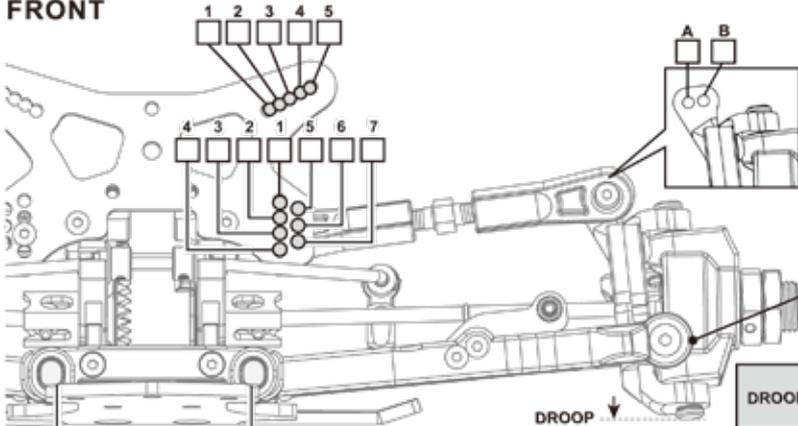
FRONT TYPE _____
 COMPOUND _____
 INSERT FOAM _____

REAR TYPE _____
 COMPOUND _____
 INSERT FOAM _____

ENGINE

TYPE _____
 PORT _____
 PLUG _____
 NORMAL TURBO
 HEAD CLEARANCE _____
 PIPE _____
 FUEL BRAND _____

FRONT



CASTER BLOCK

<input type="checkbox"/> 6°	<input type="checkbox"/> 8°
<input type="checkbox"/> 10°	<input type="checkbox"/> 12°

DROOP _____ mm

INSERT NR. _____

STEERING BAR

A B C

X3S-44 (OPT)

1 2 3 4 5

RIDE HEIGHT _____ mm

SWAY BAR _____ mm

CAMBER ANGLE _____ °

TOE ANGLE _____ °

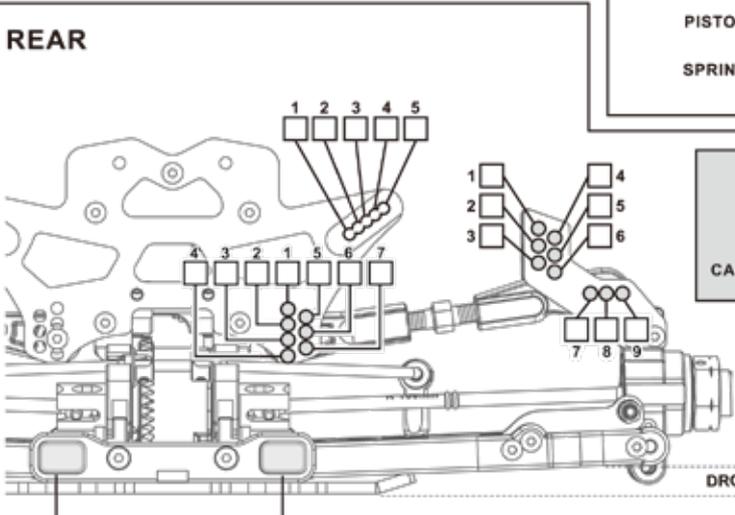
SHOCK FRONT

SHOCK LENGTH _____ mm
 OIL wt. _____
 PISTON _____ mm
 SPRING _____



SHOCK LENGTH _____

REAR



RIDE HEIGHT _____ mm

SWAY BAR _____ mm

CAMBER ANGLE _____ °

DROOP _____ mm

INSERT NR. _____

SHOCK REAR

SHOCK LENGTH _____ mm
 OIL wt. _____
 PISTON _____ mm
 SPRING _____



SHOCK LENGTH _____

WHEELBASE SHIMS

<input type="checkbox"/> 0mm	<input type="checkbox"/> 2mm
<input type="checkbox"/> 2.5mm	<input type="checkbox"/> 4.5mm

X3-GTS KIT GTWC Edition Part List

Item	Description	Qn'ty	Item	Description	Qn'ty
A-34B	Stabilizer Ball End	2	X3GT-18E	3mm 8 Shape Spacer	2
A-41A	6mm Ball	6	X3GT-24	Rear Body Fasten Set	1 set
A-47A	Bearing 5x10x4	2	X3GT-29	Alum. Differential Holder	1 set
DM-18	Foam Bumper	1	X3GT-30	Alum. Differential Bearing Mount	1 set
E-37	6mm Ball & Socket	6	X3GT-34	Alum. Rear Toe-in Mount	1
G-25	7mm Ball	6	X3GT-40	Cup Joint for Planet Gear	2
G-26	5x35 Turnbuckle	2	X3GT-45	CNC 7075 Suspension Bracket, FR (+6°)	1
J-03A	P-6 O-Ring	2	X3GT-46	CNC 7075 Suspension Bracket, RF (+2°)	1
J-20	Diff Bevel Gear Shim 13x16x0.2mm	4	X3GT-53	Steering Servo Saver, Alum.	1
J-45-BK	Muffler Stay Post (Black)	1	X3GT-61A	Adjustable GT Clutch Flywheel 34mm	1
JS-14B	6x10 Ball Bearing	4	X3GT-61B	Center Clutch Nut	1
JS-24	SPL CNC Brake Disk	1	X3GT-61C	Adjustable GT Clutch Shoe, Black	1
JS-38B	8mm Cap Joint for Brake	2	X3GT-61D	Adjustable GT Clutch Ring	1
L-22	Brake Lever	1	X3GT-61E	Preload Spring Nut for Adjustable Clutch System	1
L-26	3x36mm Turnbuckle	2	X3GT-61I	Adjustable Clutch-bell Alum. Nickel	1
X1-26-BK	17mm Wheel Hub	2	X3GT-62A	CNC 7075 Chassis Brace (Front)	1
X1-27	Knuckle Arm Bushing	4	X3GT-62B	CNC 7075 Chassis Brace (Rear)	1
X1-31	Shock Ball End Post / one-piece / Top	1 set	X3GT-63	Center Drive Shaft, 98mm	1
X3-03	Diff. Gear 10Tx4, 20Tx2	1 set	X3GT-64A	Carbon 4mm Microsoft Front Shock Tower	1
X3-04A	Front CVD Drive Shaft 107.5mm	2	X3GT-65	Alum. Steering Servo Mount	2
X3-05A	Rear CVD Drive Shaft 105mm	2	X3GT-67	Carbon Radio Plate	1
X3-06	Drive Shaft Insert / 2.5x12.8 Pin	4	X3GT-67	Carbon Radio Plate Battery Holder	1
X3-07	CVD Wheel Axle	2	X3GT-68	Alum. Throttle Bell Crank Post	1
X3-13	3.5x45.8 Rear Hub Shaft	2	X3GT-69	Alum. Throttle Bell Crank	1
X3-14	Steering King Pin	4	X3GT-71	Alum. Angle Adjustable C-Hub Set	1 set
X3-45B	Front Arm Bushing	4	X3GT-71E	Fixing Pin	2
X3-16	Servo Saver Post	2	X3GT-72	Alum. Throttle Servo Mount	2
X3-17	Alum. Servo Saver Tube	1	X5-53	150cc Fuel Tank	1
X3-19	Servo Saver Adjuster Oring	1 set	XT-30B	Fuel Tank Post	1 set
X3-21	Servo Saver Screws	2	X3GT-77	Alum. Front Arm Mount (-3°)	1
X3-25	Brake Cam	2	X3GT-78	Carbon Front Bumper	1 set
X3-26	Brake Spring	4	X3GT-79	4mm Carbon Low Profile Rear Shock Stay	1
X3-28	Brake Rod Spring	2	X3-6-07	4x67.6mm Arms Shaft	2
X3-31	7x8.5mm Ball & Socket	4	XT-14A	Brake Rod, 2x68mm	3
X3-32	7x12mm Ball & Socket	4	XT-22	Plastic Shock Parts Set	1 set
X3-33	Hex 4mm Ball & Socket	2	#155B	Body Clips	4
X3-34	2.5x11.8 Pins	10	#234Y	Ball Bearing 5x8x2.5	1
X3-35	2.5x12.8 Pins	10	#267D	8x16 Ball Bearing	8
X3-36	Brake Link 1.8x95mm	1	#267E	2.5x16.8 Pin	4
X3-37-BK	Engine Mount L,R (black)	1 set	#277A	5x8 Flange Bearing	2
X3-38	Diff Gasket 31x20x0.3	3	#334	1/10 Air Filter With Foam	2
X3-39	4x8mm Engine Mount Screws	4	#355	SPL Brake Pad For 1/8 Cars	2
X3-43	Diff. Case (F&R)	1	#363	Alum. Diff Cross Pin (Hard-Coated)	6
X3-45	Front Lower Arms L,R	1 set	#387C-BK	16mm Shock Cap (Laser Etched)	4
X3-46	Suspension Bracket Inserts	1 set	#387D-BK	16mm Shock Spring Adjuster, Black	4
X3-47	Steering Knuckle Arm L,R	1 set	#387E	10x1mm O-Ring	4
X3-50	Plastic Rod End	1 set	#387F	19x1.5mm O-Ring	4
X3-53	Rear Lower Arms L,R	1 set	#387G	Plastic Shock Spring Holder	1 set
X3-59	Throttle/Steerig Level Set	1 set	#387P	16mm Shock Piston	1 set
X3-61	8x14 Ball Bearing	4	#387S	Repair Kit for #387	1 set
X3-62	13x20 Ball Bearing	4	#388	16mm Pressure Top (Orange)	4
X3-83	Front Top Deck/Cen. Top	1	#416S	16mm GT Shock Spring Set, 2.3mm	1 set
X3-84	Body Post	1	#418A	Shock Shaft, Front, 45mm	2
X3S-04	Diff. Cap Joint (Lightweight)	2	#418B	16mm Front Shock Body	2
X3GT-89	CNC Chassis Brace Mount	1	#428A	2-Speed Light Weight Shaft	1
X3S-15-BK	17mm Wheel Hub+1.9mm, Black	2	#428B	Clutch Shoe Carrier	1
X3S-36	CNC Center Diff Brace (AL)	1 set	#428C	2.5mmx11.8mm Pins (round head)	10
X3S-37A	5X16 Bearing	2	#428D	1st Spur Gear Holder	1
X3S-42A	Swaybar Inserts (2) From 2-2.5mm	2	#428E	2nd Spur Gear Holder	1
X3S-42B	Swaybar Inserts (2) From 2.5-3mm	2	#428F	8x10x1.5mm AL. Bush	1
X3S-44	Alum. Servo Saver Set	1 set	#428G	Clutch Bushing (extend)	1
X3S-56A	Spiral Bevel Gear 44T	1	#428I	8x12x3.5 Ball Bearing	2
X3S-56B	Spiral Bevel Gear 13T	1	#428J	Clutch Shoe (2nd)	2
X3S-52	Adjustable Anti-roll Bar Set	1 set	#428K	2nd Ball (pin 5x4.8)	2
X3S-53 2.3	Front Anti-roll Bar 2.3mm	1	#428L	2nd Spring	2
X3S-54 2.5	Rear Anti-roll Bar 2.5mm	1	#429B	62T 1st Spur Gear	1
X3GT-05A	SP Brake Disk, Small	1	#429D	58T 2nd Spur Gear	1
X3GT-11	Servo Saver Spring - Hard	1	#429F	Clutch Gear(1st) 18T	1
X3GT-16	3.5mm C/F Diff Set	1 set	#429H	Clutch Gear(2nd) 23T	1
X3GT-18C	3mm Microfiber Front Shock End Plate	2	#430	Extended Exhaust Tube Fix Rod	1
X3GT-18D	3mm Microfiber Rear Shock End Plate	2	#431	Brake Caliper Screw	4

X3-GTS KIT GTWC Edition 零件表

編號	品名	數量	編號	品名	數量
A-34B	防傾桿球型	2	X3GT-18E	3mm 8字形墊片	2
A-41A	6mm 球型	6	X3GT-24	後車殼固定架組	1 set
A-47A	5x10x4mm 培林	2	X3GT-29	CNC 鋁合金差速器固定座	1 set
DM-18	海綿防撞板-V2	1	X3GT-30	CNC 鋁合金差速器培林座	1 set
E-37	6mm 球型座	6	X3GT-34	CNC 後Toe-in固定座	1
G-25	7mm 球型	6	X3GT-40	小車接杯	2
G-26	5x35mm 正反牙(黑)	2	X3GT-45	CNC 前下擺臂固定座(後+6°)	1
J-03A	P6 O環	2	X3GT-46	CNC 後上反角固定座(+2°)	1
J-20	13x16x0.2 墊片(鋼)	4	X3GT-53	鋁合金緩衝組搖臂	1
J-45-BK	排氣管固定鉗座(黑)	1	X3GT-61A	飛輪(黑)	1
JS-14B	6x10 培林	4	X3GT-61B	中心螺帽	1
JS-24	CNC 煞車碟31mm	1	X3GT-61C	離合器片	1
JS-38B	8mm 剎車接杯	2	X3GT-61D	離合器固定座	1
L-22	煞車桿	1	X3GT-61E	彈簧調整螺帽	1
L-26	3x36mm 正反牙	2	X3GT-61I	鋁合金二段離合器罩	1
X1-26-BK	17mm 六角軸座(黑)	2	X3GT-62A	CNC 7075中央前補強桿(黑)	1
X1-27	轉向襯套	4	X3GT-62B	CNC 7075中央後補強桿(黑)	1
X1-31	一體式避震器上支座	1 set	X3GT-63	中央傳動軸98mm	1
X3-03	差速傘齒(粉末) 10Tx4, 20Tx2	1 set	X3GT-64A	破繭前油壓架4mm	1
X3-04A	前CVD傳動軸, 107.5mm	2	X3GT-65	鋁合金轉向伺服器座	2
X3-05A	後CVD傳動軸, 105mm	2	X3GT-67	破繭二樓板	1
X3-06	CVD 結合軸 / 2.5 x 12.8 滾針	4	X3GT-67	破繭二樓板電池底座	1
X3-07	CVD 輪軸	2	X3GT-68	鋁合金油門連動板支柱	1
X3-13	3.5mm x 45.8mm 後輪座軸心	2	X3GT-69	鋁合金油門伺服器連動板	1
X3-14	轉向座大瓦銷	4	X3GT-71	CNC可調式C型座	1 set
X3-45B	擺臂襯套	4	X3GT-71E	固定銷	2
X3-16	緩衝組支柱	2	X3GT-72	鋁合金油門伺服器座	2
X3-17	緩衝組鉗管	1	X5-53	150cc油箱	1
X3-19	緩衝組調整O環 / 12 x 1.7 O環	1 set	XT-30B	油箱柱模	1 set
X3-21	緩衝組彈簧調整螺絲	2	X3GT-77	CNC前下擺臂固定座(前)-3°	1
X3-25	煞車凸輪	2	X3GT-78	破繭前防撞板	1 set
X3-26	煞車夾片彈簧	4	X3GT-79	破繭低重心後油壓架 4mm	1
X3-28	煞車伺服器彈簧	2	X3-6-07	4x67.6mm 圓頭避震器	2
X3-31	7x8.5mm 球型座	4	XT-14A	剎車伺服器1.8x68mm	3
X3-32	7x12mm 球型座	4	XT-22	避震器型零件	1 set
X3-33	4mm 內六角球型座	2	#155B	車殼插銷	4
X3-34	2.5x11.8 滾針	10	#234Y	5x8x2.5 培林	1
X3-35	2.5x12.8 滾針	10	#267D	8x16 培林	8
X3-36	煞車伺服器 1.8x95mm	1	#267E	2.5 x 16.8 滾針	4
X3-37-BK	引擎座 L,R (黑)	1 set	#277A	5x8x2.5 凸緣培林	2
X3-38	差速器防漏墊片 31x20x0.3	3	#334	1/10空氣濾清器組	2
X3-39	4x8mm 引擎座螺絲	4	#355	特殊煞車夾片	2
X3-43	差速殼	1	#363	鋁合金4mm十字軸	6
X3-45	前下擺臂塑膠模 (L,R)	1 set	#387C-BK	16mm避震器上蓋(黑)	4
X3-46	傾角調整套	1 set	#387D-BK	16mm避震器調整環(黑)	4
X3-47	轉向座塑膠模 (L,R)	1 set	#387E	10x1mm O環	4
X3-50	拉桿球頭塑膠模	1 set	#387F	19x1.5mm O環	4
X3-53	後下擺臂塑膠模 (L,R)	1 set	#387G	彈簧止座塑膠模	1 set
X3-59	伺服器片塑膠模	1 set	#387P	16mm避震器活塞模	1 set
X3-61	8x14 培林	4	#387S	16mm避震器修理包	1 set
X3-62	13x20 培林	4	#388	16mm避震器用氣室(棕色)	4
X3-83	三角板/中差上蓋模	1	#416S	16mm GT避震器彈簧組, 2.3mm	1 set
X3-84	車殼柱模	1	#418A	前避震軸心, 45mm	2
X3S-04	輕量差速接杯	2	#418B	16mm外牙筒身(前)	2
X3GT-89	後補強桿固定座(黑)	1	#428A	輕量二段軸心	1
X3S-15-BK	加寬1.9mm六角軸座(黑)	2	#428B	離合器片固定座	1
X3S-36	CNC鋁合金中差座	1 set	#428C	2.5x11.8(圓頭)滾針	10
X3S-37A	5x16 培林	2	#428D	單向大齒座(一段用)	1
X3S-42A	防傾桿軸端 (2-2.5mm)	2	#428E	培林大齒座(二段用)	1
X3S-42B	防傾桿軸端 (2.5-3mm)	2	#428F	8x10x1.5mm 鉗套	1
X3S-44	鋁合金緩衝組	1 set	#428G	離合器襯套(加長)	1
X3S-56A	渦型大傘齒 44T	1	#428I	8x12x3.5培林	2
X3S-56B	渦型小傘齒 13T	1	#428J	二段離合器片	2
X3S-52	防傾桿球頭組	1 set	#428K	二段鋼珠 (pin 5x4.8)	2
X3S-53 2.3	前防傾桿 2.3mm	1	#428L	二段彈簧	2
X3S-54 2.5	後防傾桿 2.5mm	1	#429B	62T大齒(一段用)	1
X3GT-05A	CNC煞車碟 27mm	1	#429D	58T大齒(二段用)	1
X3GT-11	緩衝組彈簧(硬)	1	#429F	碗公齒(1st) 18T	1
X3GT-16	3.5mm破繭中差板	1 set	#429H	碗公齒(2nd) 23T	1
X3GT-18C	3mm破繭前避震下支座	2	#430	彈簧式排氣管固定桿 (77mm)	1
X3GT-18D	3mm破繭後避震下支座	2	#431	煞車夾片螺絲	4

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