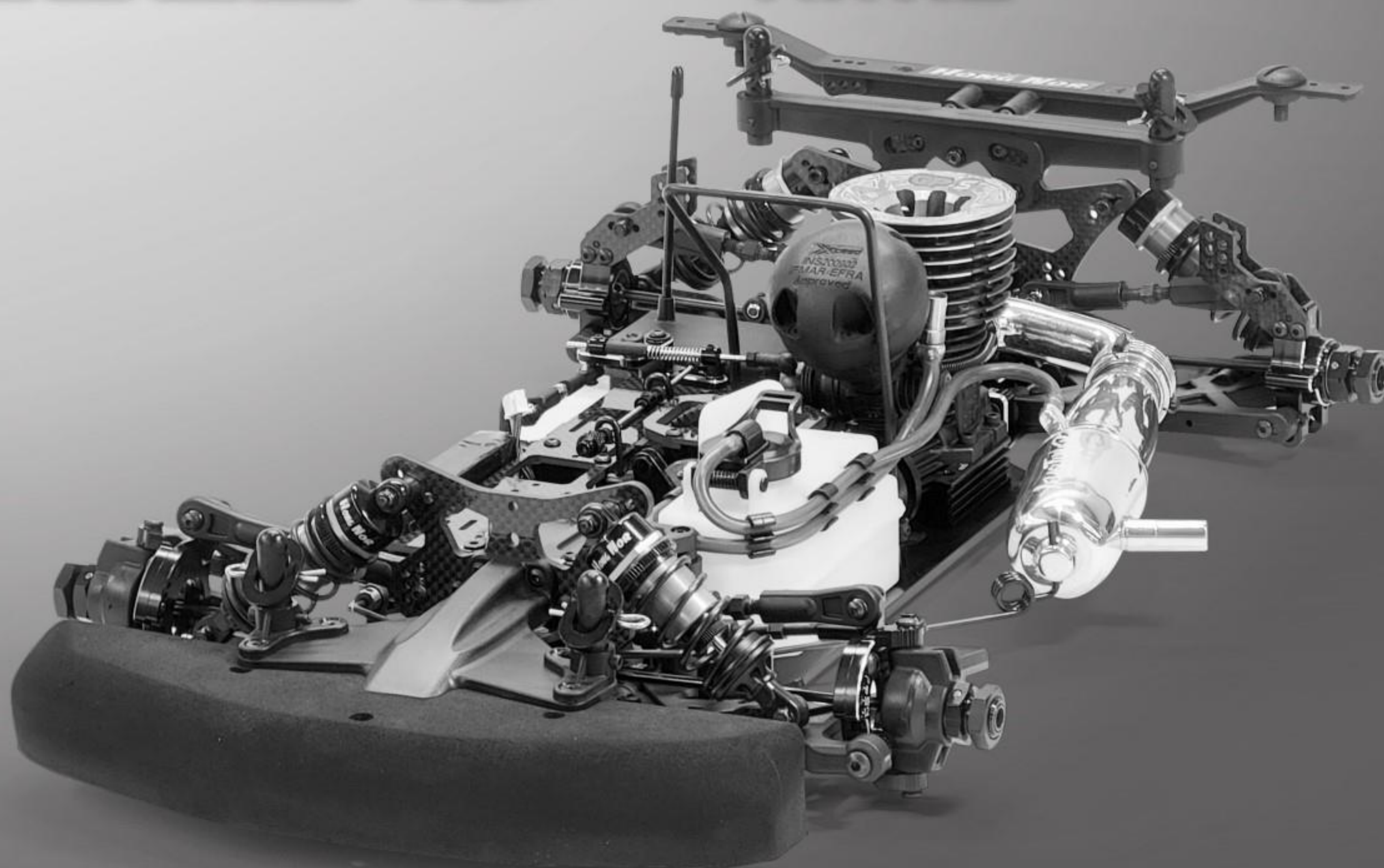


X3 GT

2023 NITRO

4WD
FOUR WHEEL DRIVE

KIT
PROFESSIONAL SPEC



1/8 NITRO GT WORLD EDITION

INSTRUCTION MANUAL

Accessories

- Complete CVA Driveshaft
- 150cc Fuel Tank With Aluminum Post
- 7075 CNC Chassis Brace (F/R)
- 7075 CNC Lightweight Chassis
- Low Profile Fuel Tank
- Adjustable GT Clutch Set
- Brake Caliper Set
- CNC Brake Disc
- 7075 CNC Suspension Bracket (FF/FR)
- 16mm Large Shock Absorber
- 4mm Carbon Fiber Shock Tower (F/R)
- Larger Anti-Collision Sponge
- Whole New M0.8 2-Speed Drive System
- 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 43 Tooth Bevel Gear
- New Handle Set
- 3.5m Carbon Fiber Center Upper Plate
- Aluminum 7075 CNC Bulkhead (F/R)

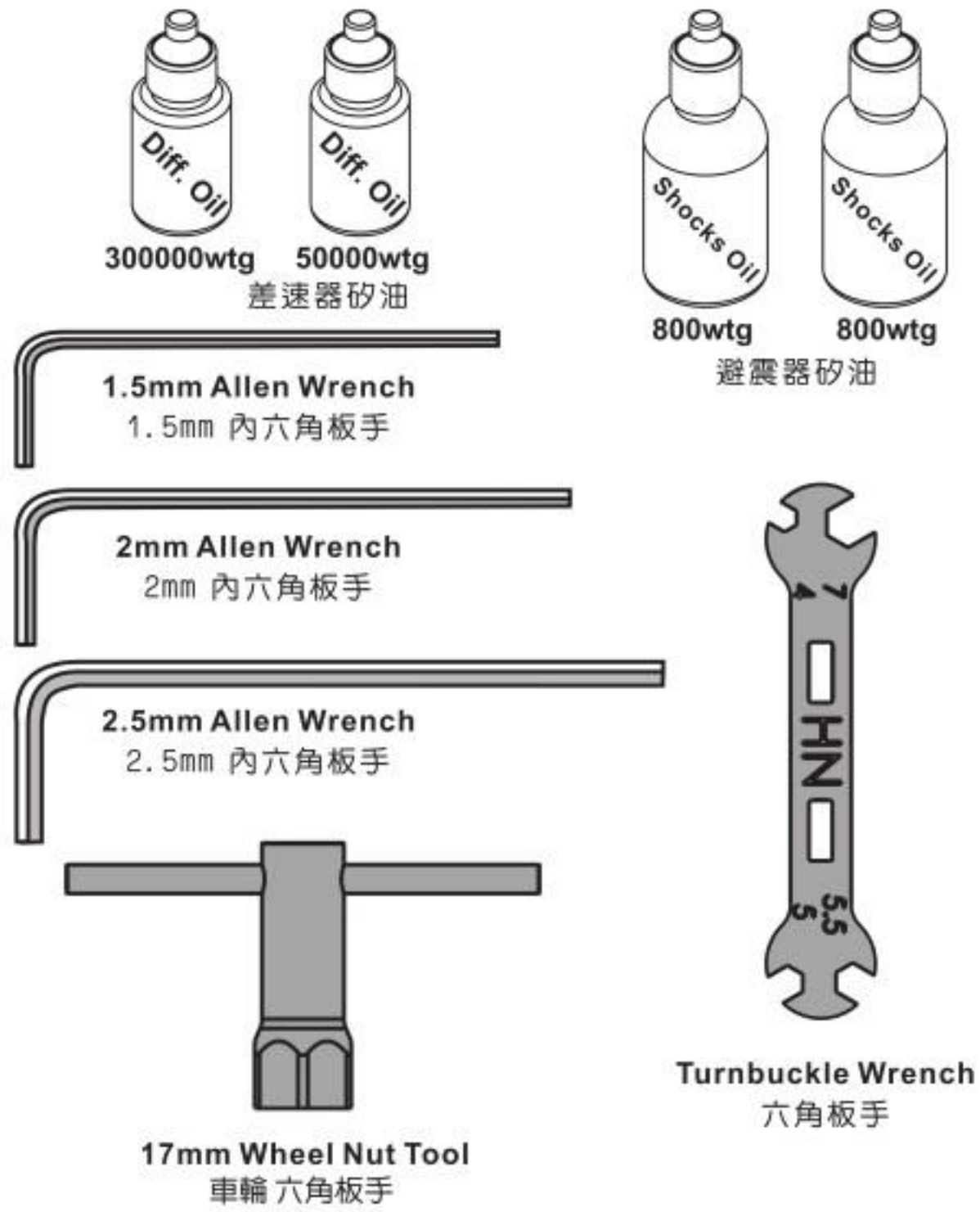
ACTUAL KIT MAY DIFFER FROM PICTURE.
ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

mit
MADE IN TAIWAN

OVERVIEW 產品概要

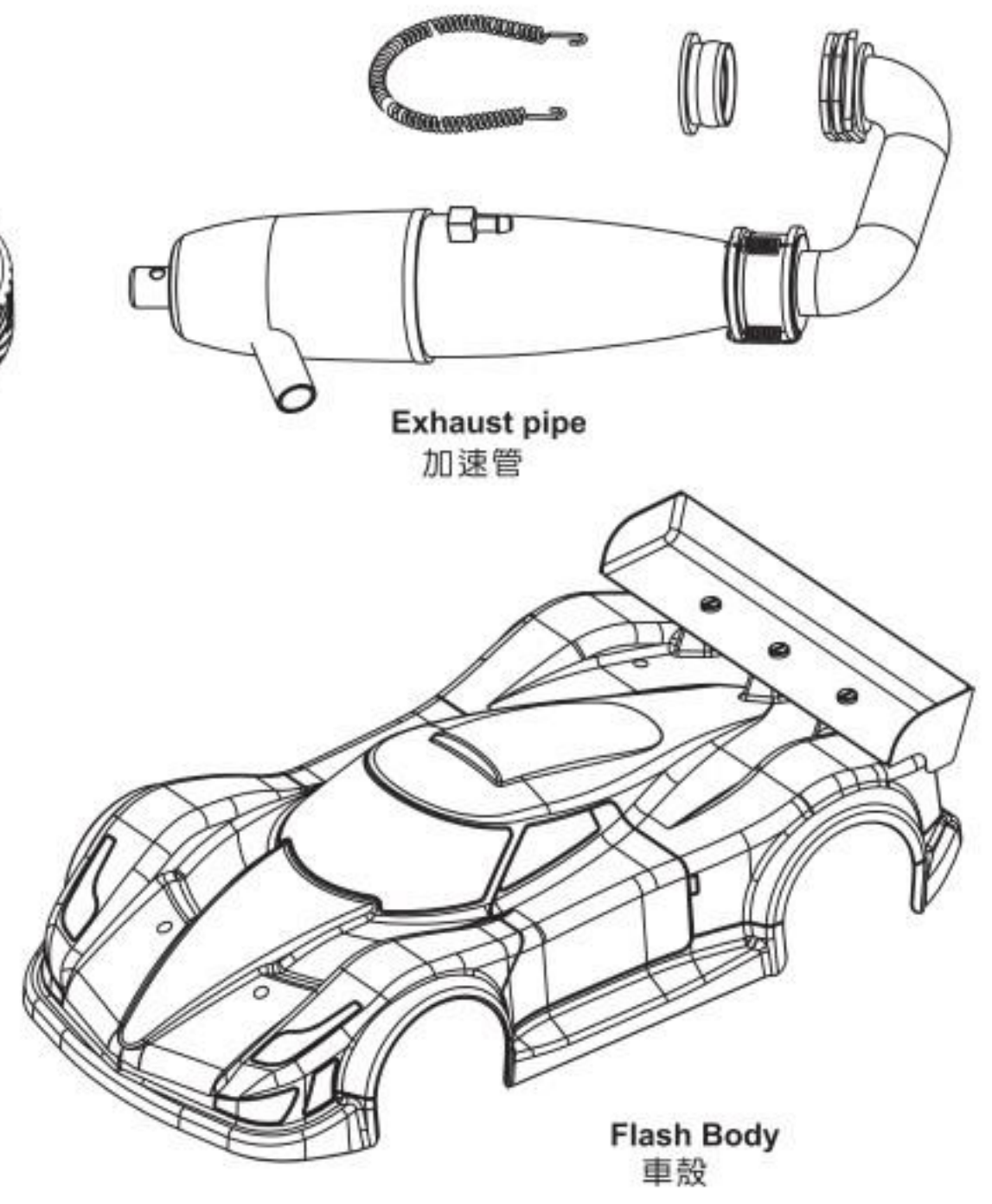
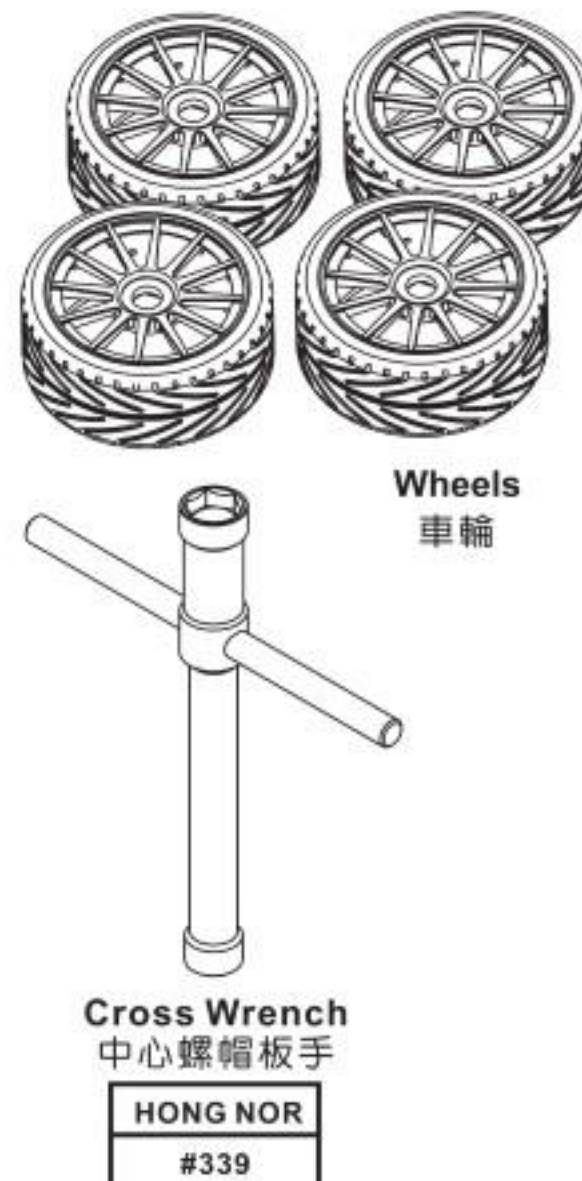
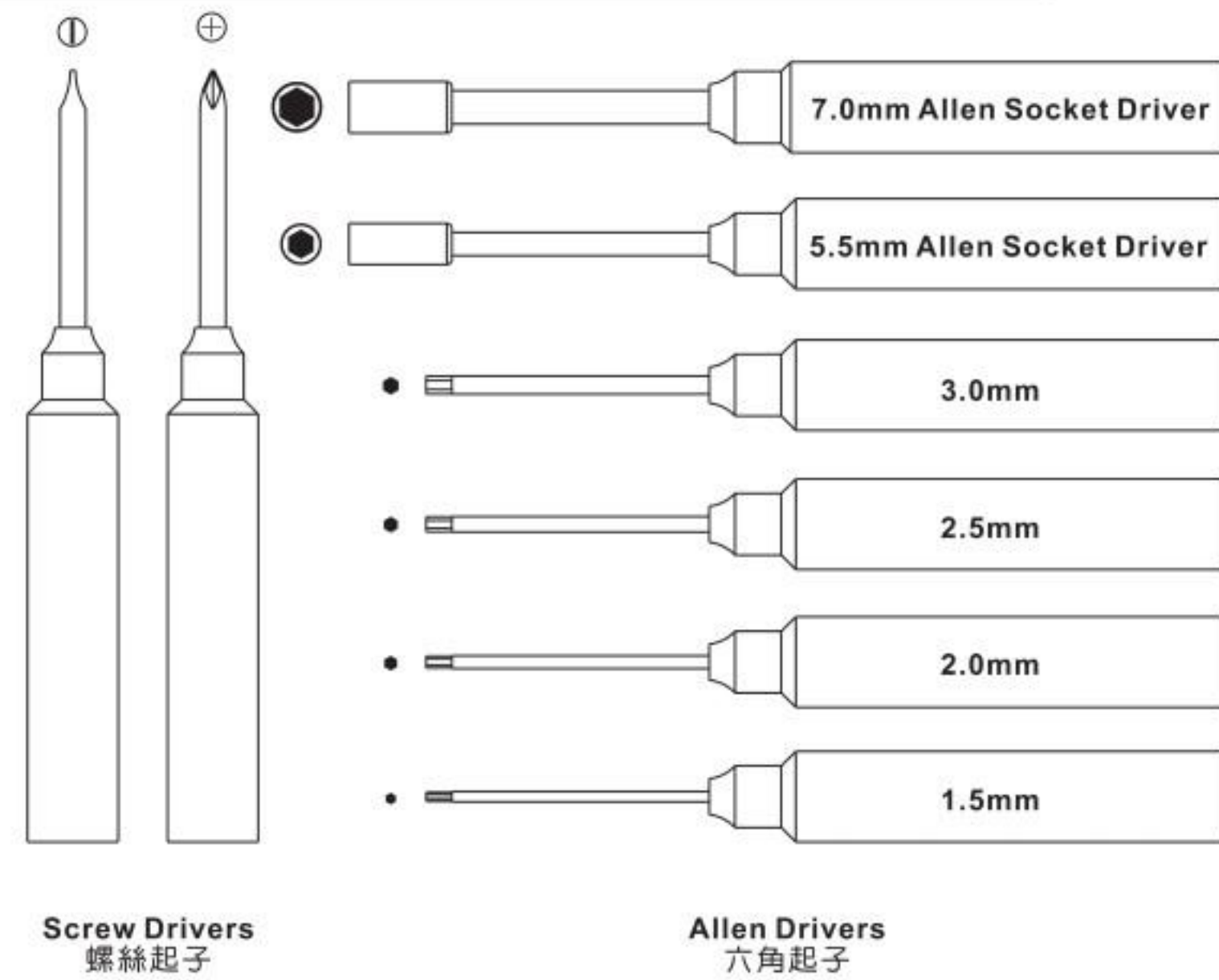
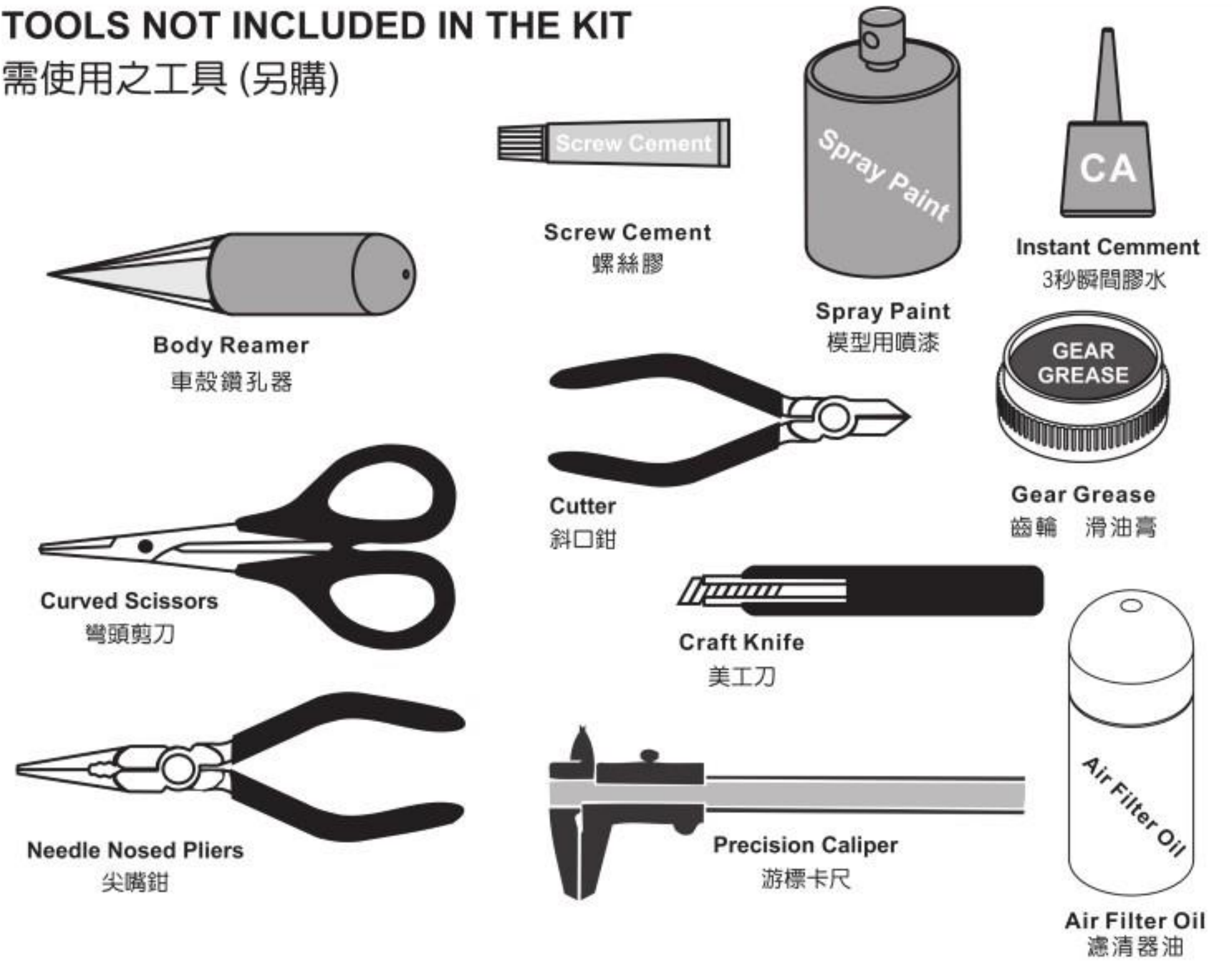
INCLUDED ITEMS

附帶用品

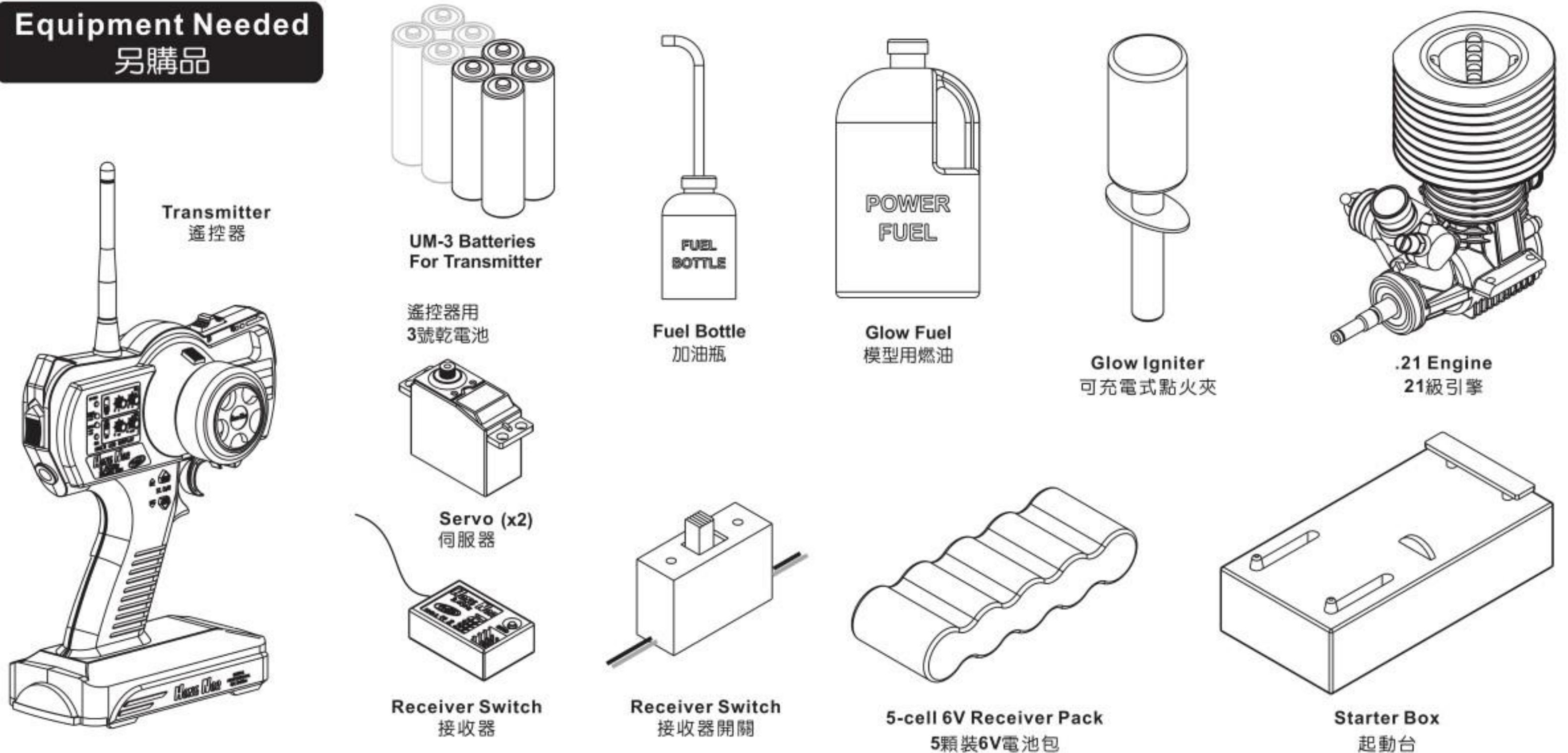


TOOLS NOT INCLUDED IN THE KIT

需使用之工具 (另購)

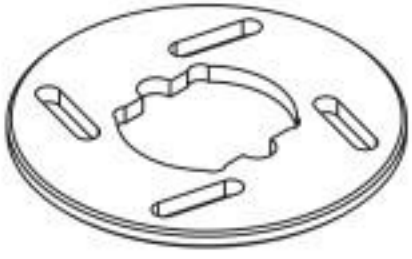


Equipment Needed 另購品



PARTS REFERENCE 零件圖1

JS-24
SPL CNC Brake Disc 31mm



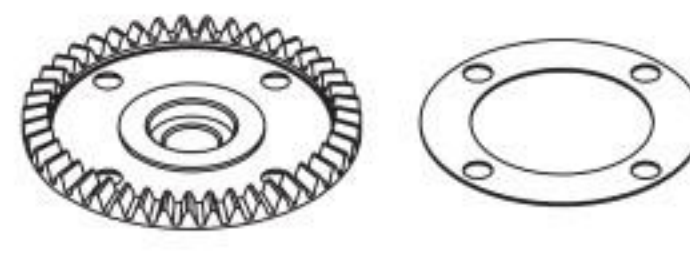
1pcs

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



4pcs

X3-01
Spiral Bevel Gear 43T



1pcs

1pcs

X3-02
Spiral Bevel Gear 13T



1pcs

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

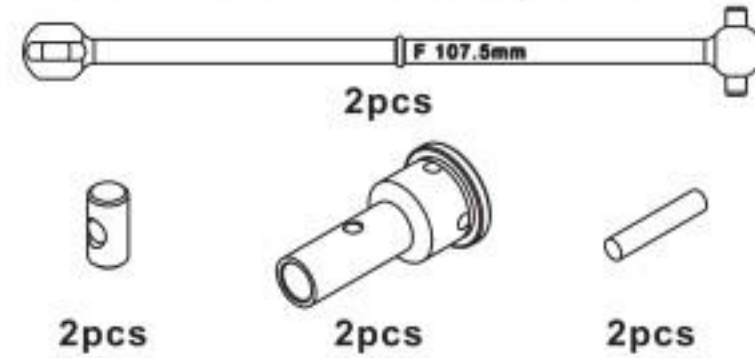


2pcs

4pcs

4pcs

X3-04
Front wheel CVD Shaft Set, 107.5mm



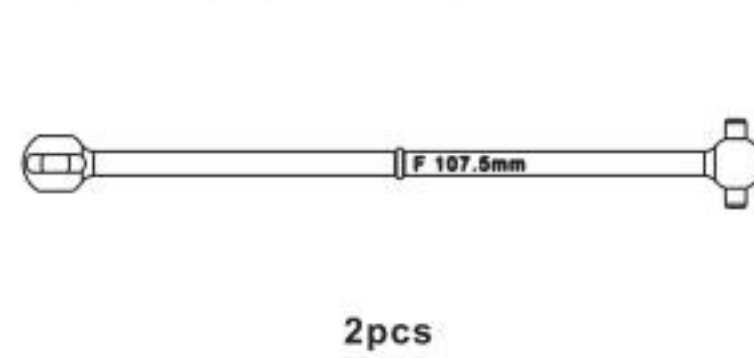
2pcs

2pcs

2pcs

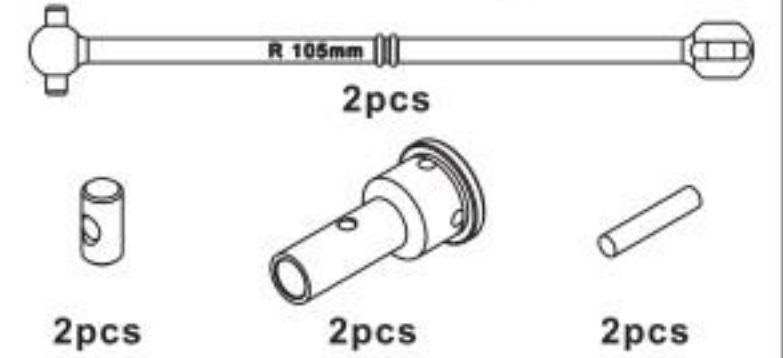
2pcs

X3-04A
Front Wheel CVD Shaft, 107.5mm



2pcs

X3-05
Rear Wheel CVD Shaft Set, 105mm



2pcs

2pcs

2pcs

2pcs

X3-05A
Rear Wheel CVD Shaft, 105mm



2pcs

X3-06
Drive Shaft Insert / 2.5 x12.8 Pin



4pcs

4pcs

X3-07
CVD Wheel Axle



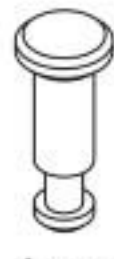
2pcs

X3-13
3.5 x 45.8 Rear Upright Shaft



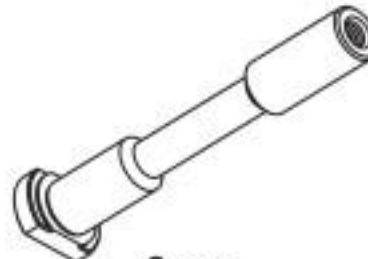
2pcs

X3-14
Steering King Pin



4pcs

X3-16
Servo Saver Post



2pcs

X3-17
Alum. Servo Saver Tube



1pcs

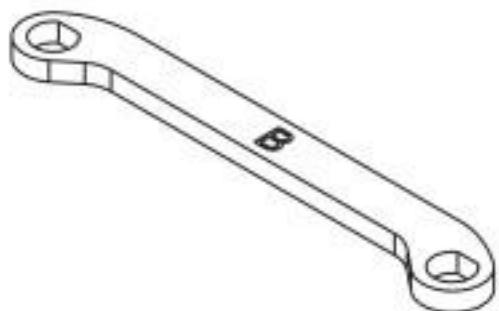
X3-19-BK
Servo Saver Adjuster, 12 x 1.7 O-Ring



1pcs

1pcs

X3-20-BK
Servo Saver Connecting Plate, BType



1pcs

X3-21
Servo Saver Screw



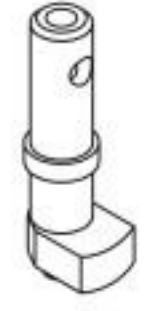
4pcs

X3-22
Servo Saver Bushing



2pcs

X3-25
Brake Cam



2pcs

X3-26
Brake Pad Spring



4pcs

X3-28
Brake Rod Spring



2pcs

X3-31
7x8.5mm 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



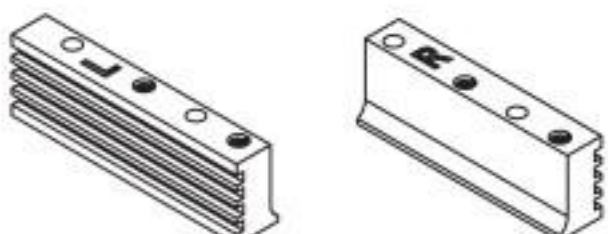
10pcs

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

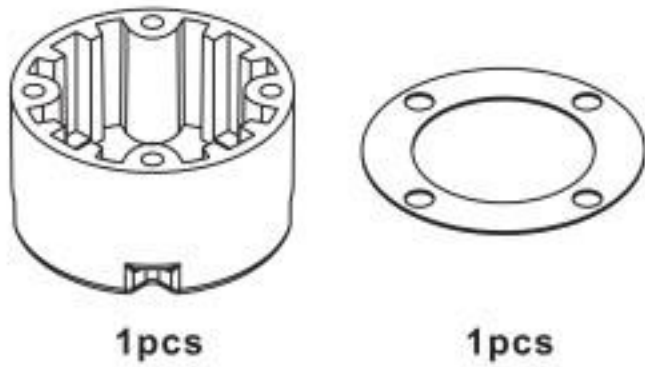
X3-40
4x10mm Set Screw, Round Head



4pcs

PARTS REFERENCE 零件圖2

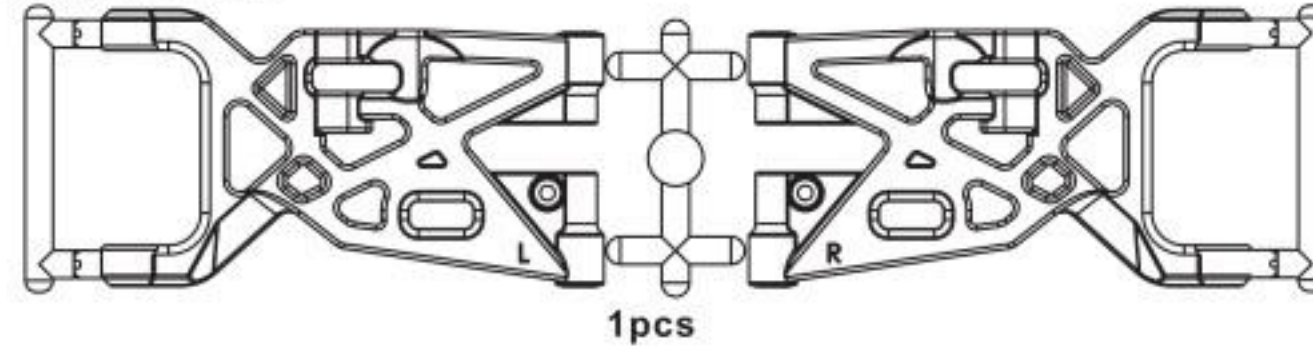
X3-43
Diff. Case (F&R)



1pcs

1pcs

X3-45
Front Lower Arms L&R



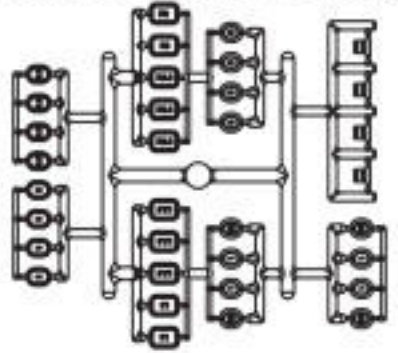
1pcs

X3-45B
Front Arm Bushing



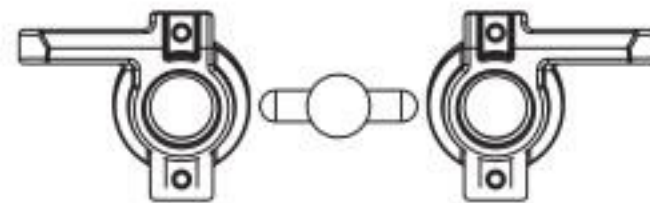
4pcs

X3-46
Suspension Eccentric Bushing



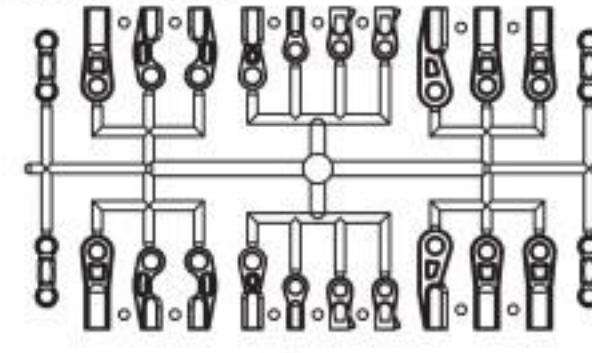
1pcs

X3-47
Steering Knuckle Arm L,R



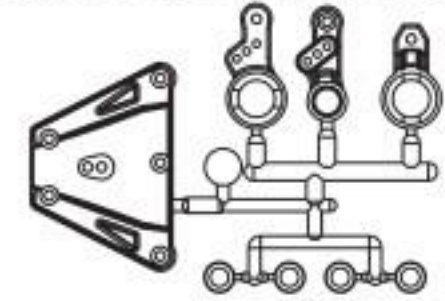
1pcs

X3-50
Plastic Rod End



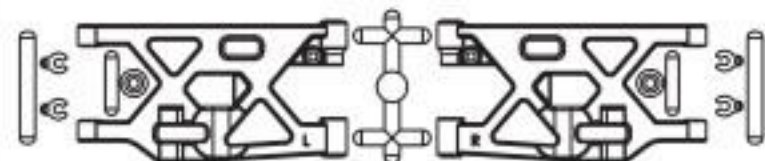
1pcs

X3-51
Servo Saver Set/Front Top Deck



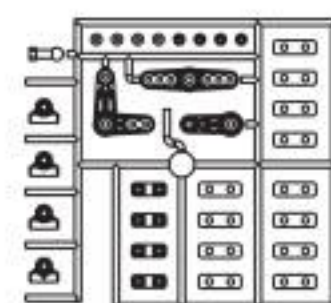
1pcs

X3-53
Rear Lower Arms L&R



1pcs

X3-59
Throttle/Steering Level Set



1pcs

X3-61
8x14 Ball Bearing



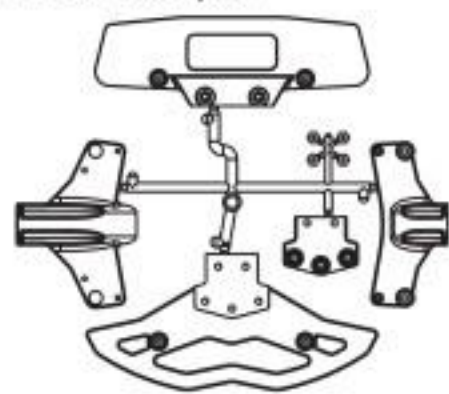
4pcs

X3-62
13x20 Ball Bearing



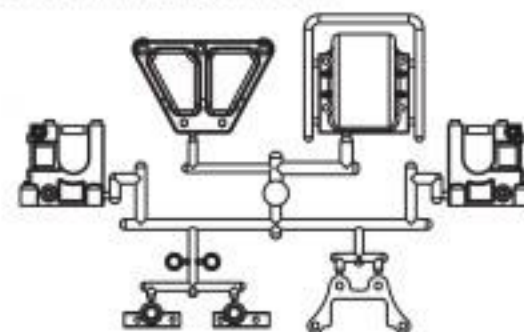
4pcs

X3-82
Front & Rear Bumper



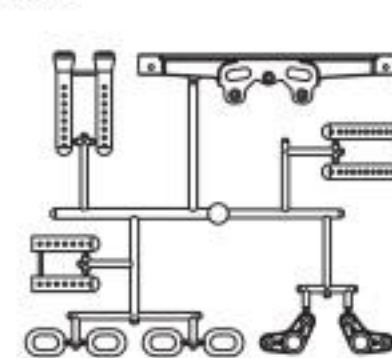
1pcs

X3-83
Center Diff Holder Part



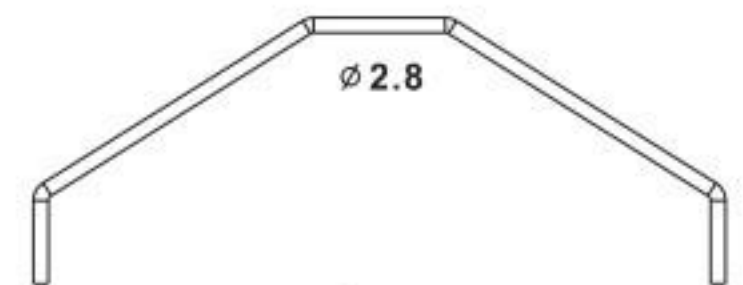
1pcs

X3-84
Body Mount



1pcs

X3-89
Rear Anti-roll Bar 2.8mm



1pcs

X3.6-07
4x68mm Arms Shaft



2pcs

X3GT-05A
Metal Rear Brake Disc (SMALL)



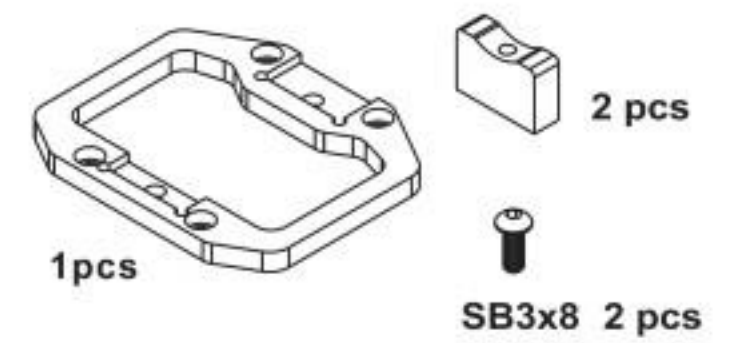
1pcs

X3GT-11
Servo Saver Spring - Hard



1pcs

X3GT-16
3.5mm C/F Diff Set

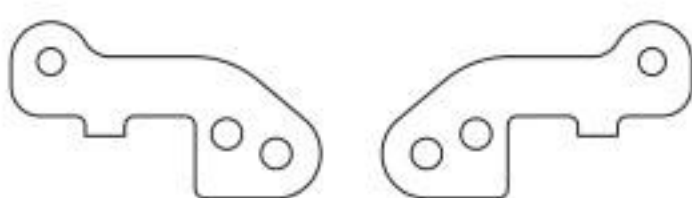


1pcs

2 pcs

SB3x8 2 pcs

X3GT-18C
3mm Carbon front shock end plate



1 pcs

1 pcs

X3GT-18D
3mm Carbon Rear shock end plate



1 pcs

1 pcs

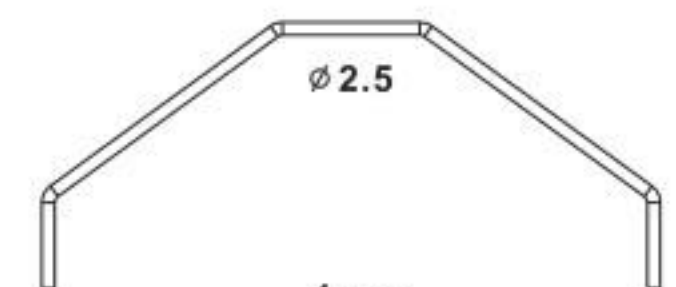
X3GT-18E
3mm Washer



1 pcs

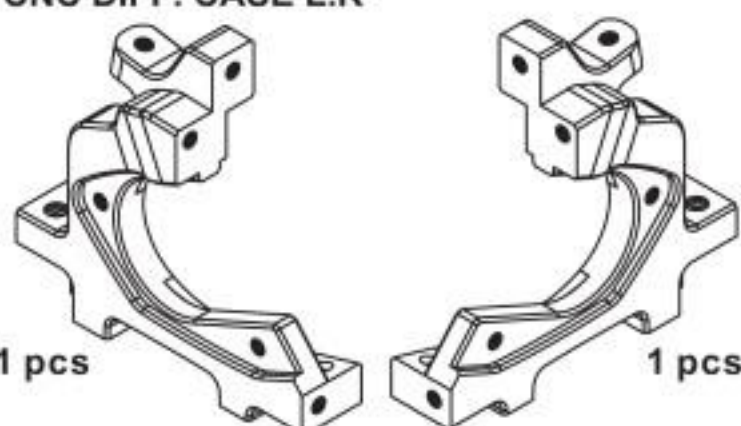
1 pcs

X3GT-22
Front Anti-roll Bar 2.5mm, Black



1pcs

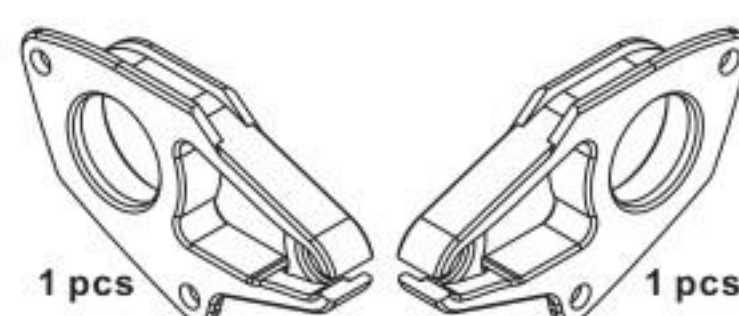
X3GT-29
CNC DIFF. CASE L,R



1 pcs

1 pcs

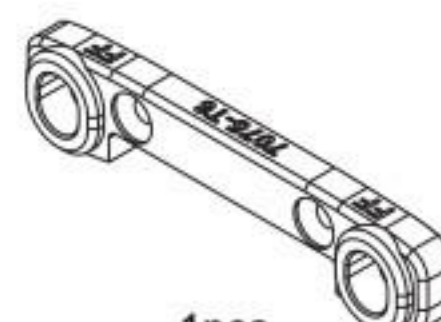
X3GT-30
CNC Bearingblock L,R



1 pcs

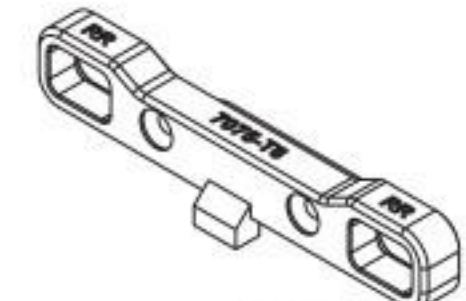
1 pcs

X3GT-31
CNC 7075 Suspension Bracket,FF



1pcs

X3GT-34
CNC 7075 Suspension Bracket,RR



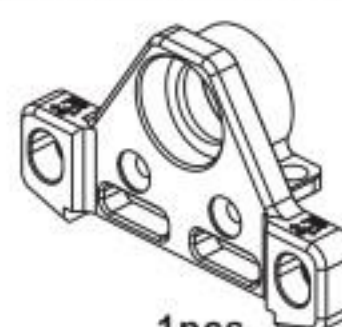
1pcs

X3GT-40
Cup Joint For Planet Gear



2pcs

X3GT-45
CNC 7075 Suspension Bracket,FR(+6°)



1pcs

X3GT-46
CNC 7075 Suspension Bracket,RF(+2°)



1pcs

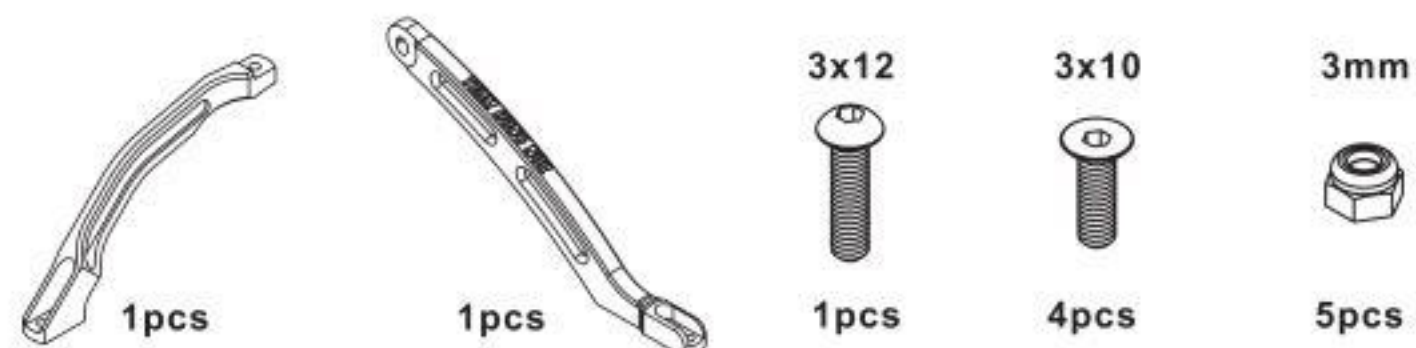
X3GT-56
A7075 Main Chassis



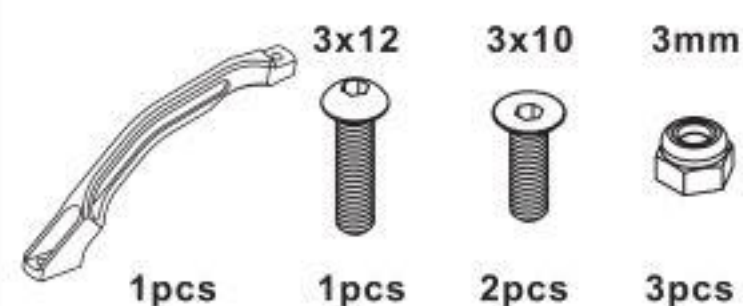
1pcs

PARTS REFERENCE 零件圖3

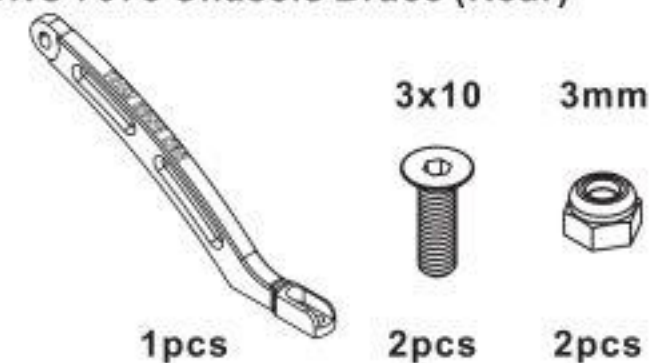
X3GT-62
CNC 7075 CHASSIS BRACE (Front/Reare)



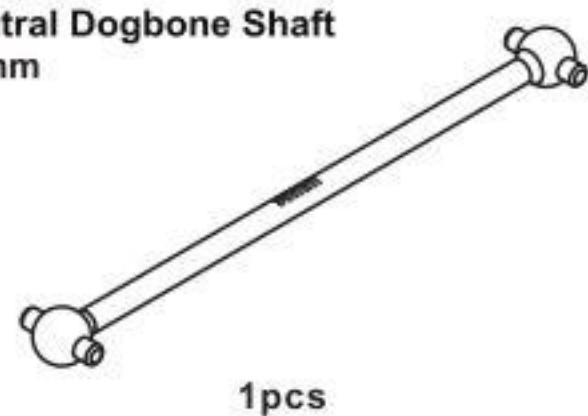
X3GT-62A
CNC 7075 Chassis Brace (Front)



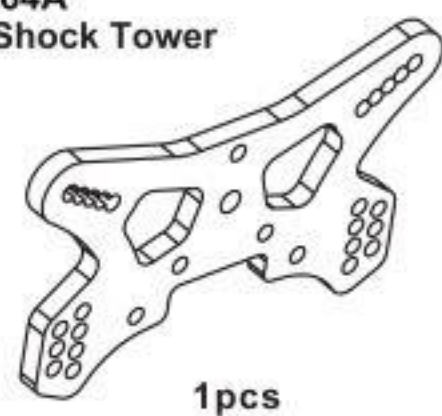
X3GT-62B
CNC 7075 Chassis Brace (Rear)



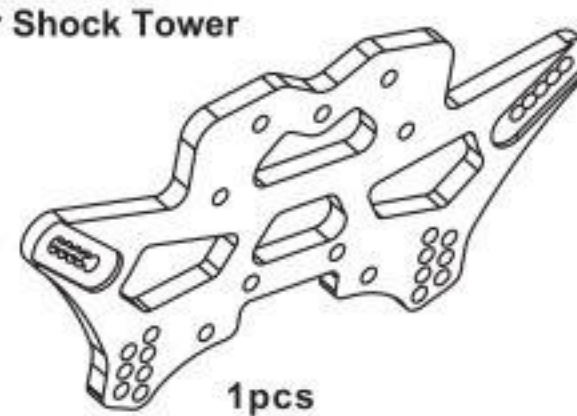
X3GT-63
Central Dogbone Shaft
98mm



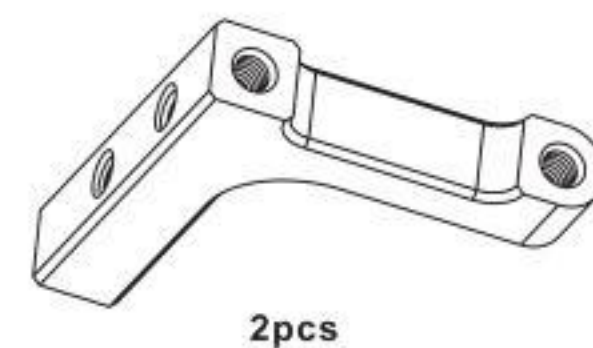
X3GT-64A
Front Shock Tower



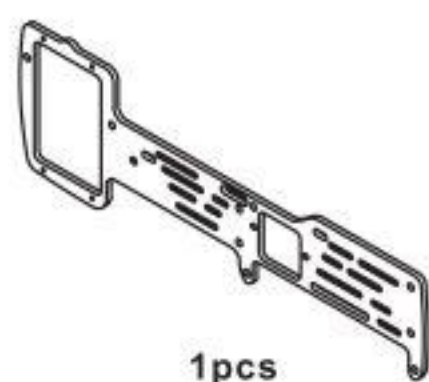
X3GT-64B
Rear Shock Tower



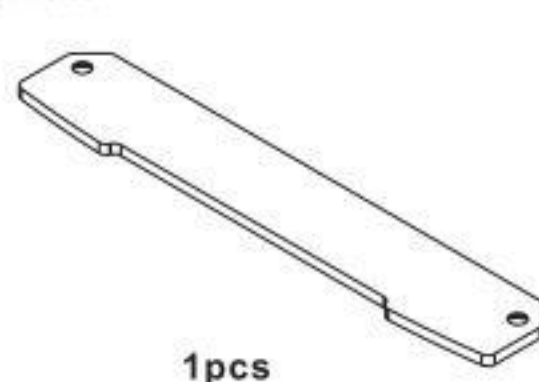
X3GT-65
Steering Servo Mount



X3GT-66
Upper Deck



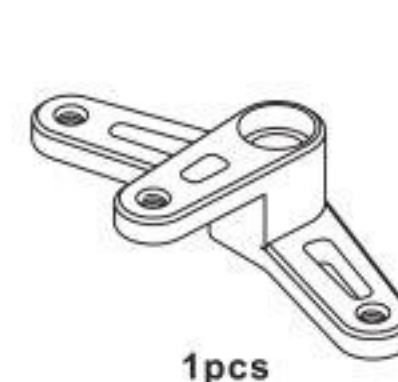
X3GT-67
Battery Plate



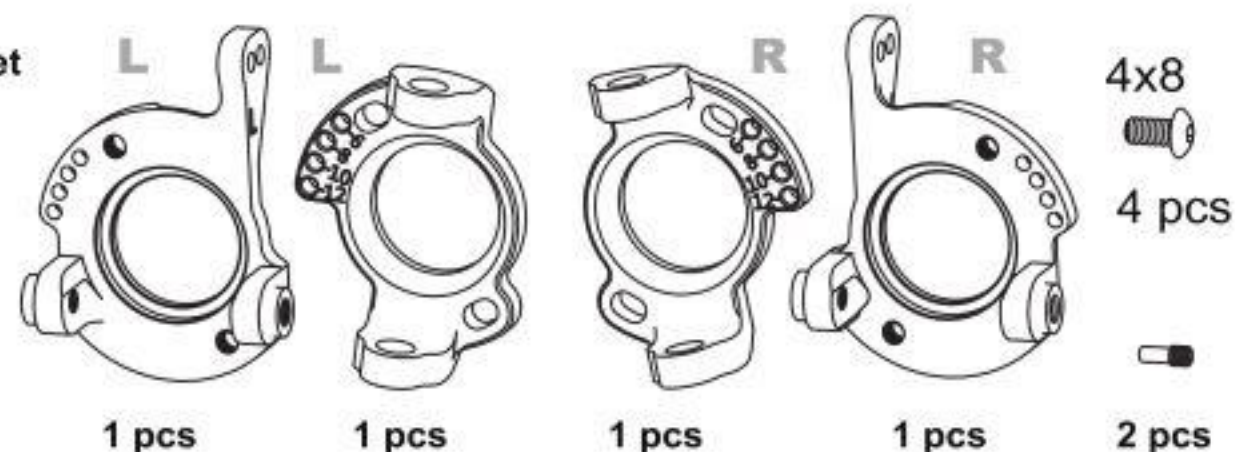
X3GT-68
Linkage Arm Post



X3GT-69
Linkage arm for throttle and Brake



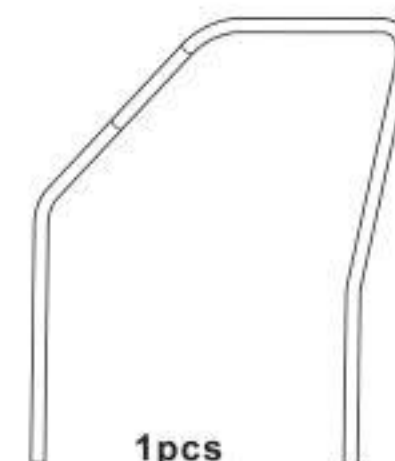
X3GT-71
Adjustable Caster Set



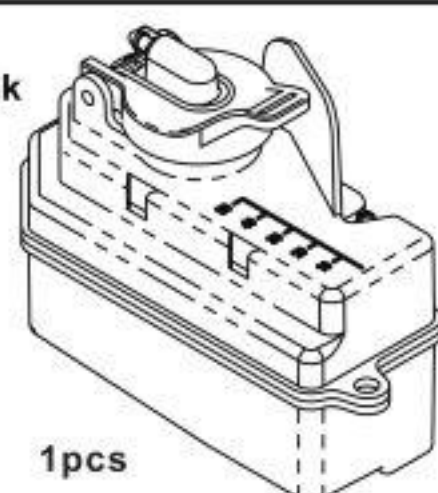
X3GT-72
Throttle and Brake Servo Mount



X3GT-73
Handle



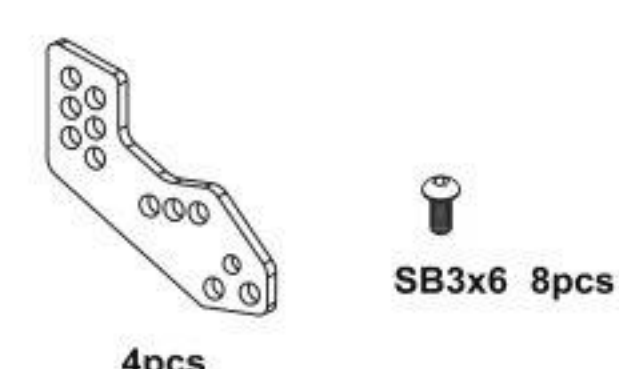
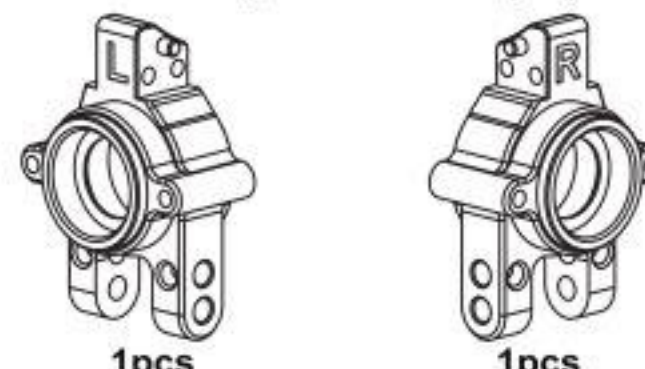
X3GT-74
150cc Fuel Tank



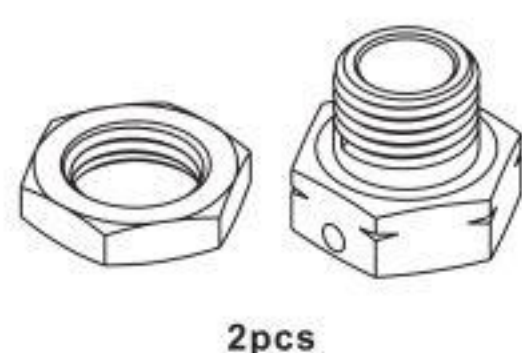
X3S-04
Diff. Cap Joint (Lightweight)



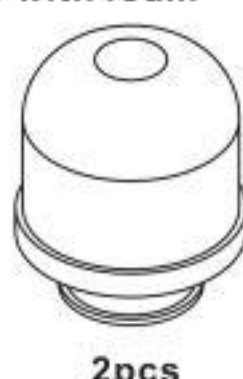
X3S-49
Alum Rear Wheel Hub, Carbon Plate(GT)



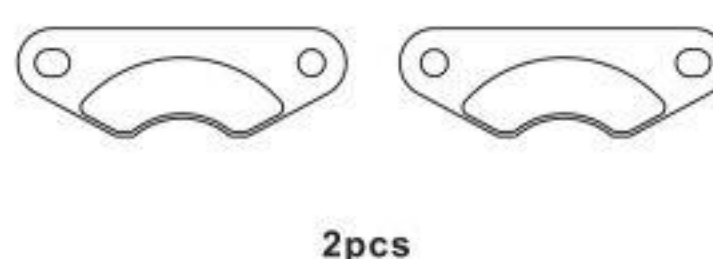
X3S-15
17mm Wheel Hub + 1.9mm



#334
1/10 Air Filter with foam



#355
Brake Pad



#387C-BK
16mm shock cap (Black Anodize)



#428O
61T 1st Spur Gear



#428P
57T 2nd Spur Gear



#428Q
Clutch Gear (1st) 19T

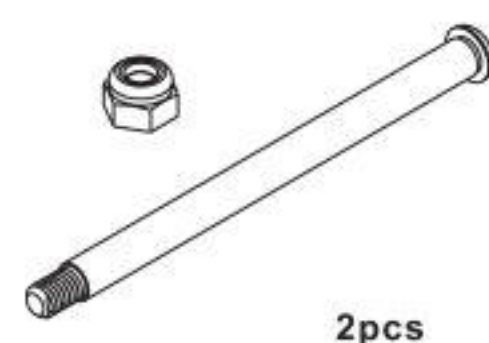


#428R
Clutch Gear (2nd) 24T



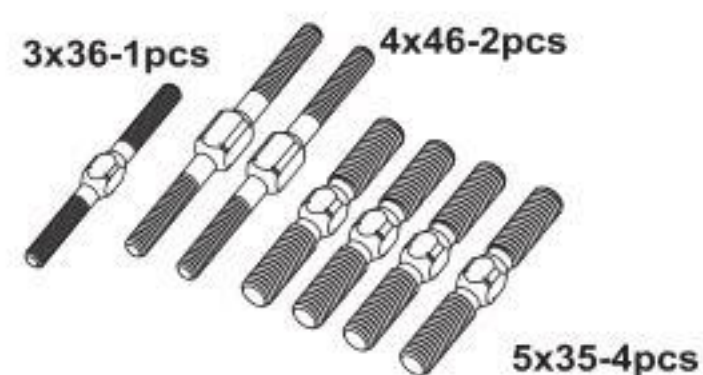
X3S-16
Rear Upright 3.5mm

OPT



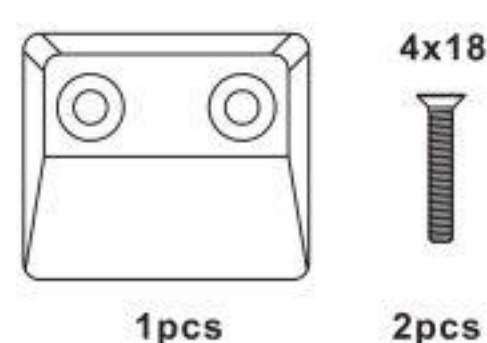
X3S-18
Titanium TurnBuckle

OPT



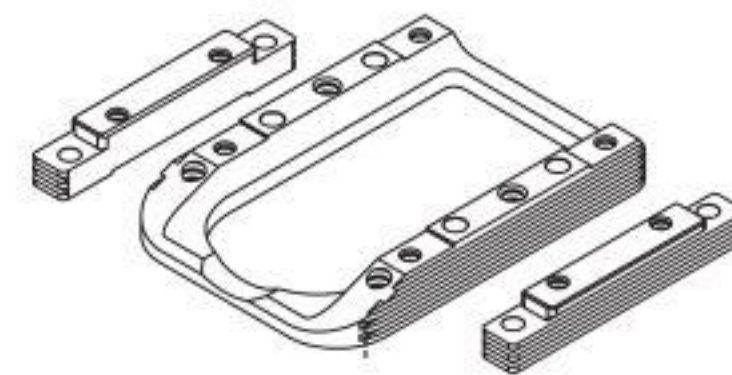
X3S-21
Alum. CNC Rear Chasis Skid Plate

OPT



X3S-35
CNC 7075 Engine Mount

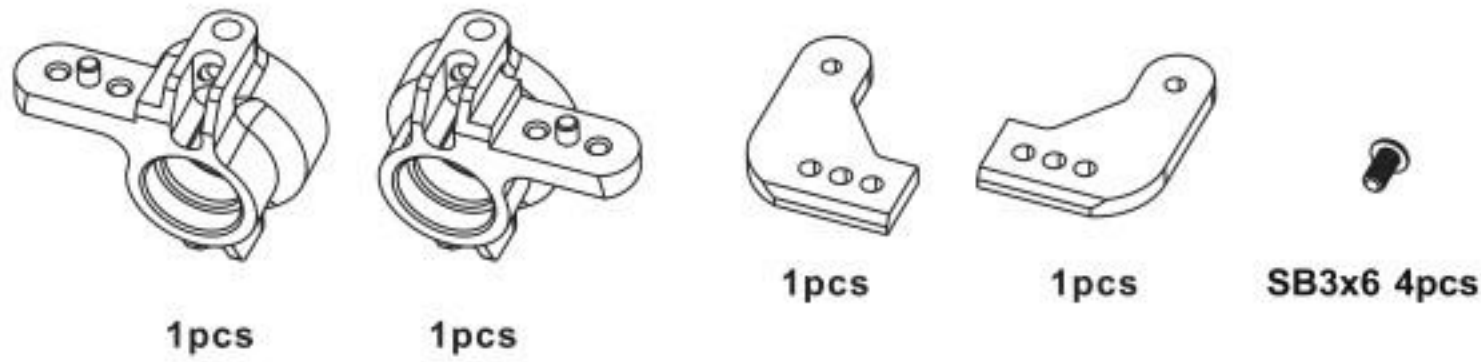
OPT



PARTS REFERENCE 零件圖4

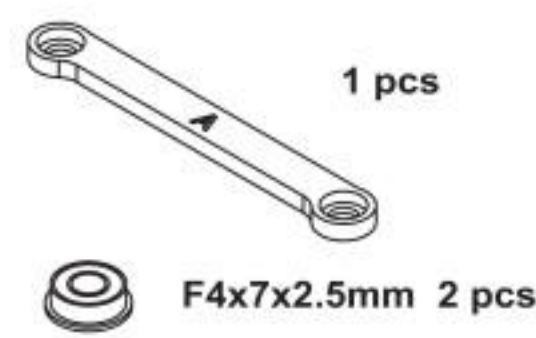
X3S-33
Front Wheel Hub Set

OPT



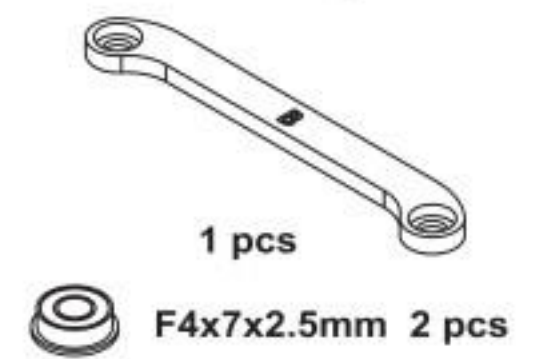
X3S-38
Carbon Fiber Ackerman , A

OPT



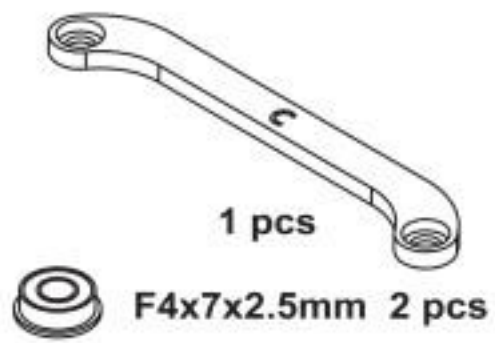
X3S-39
Carbon Fiber Ackerman , B

OPT



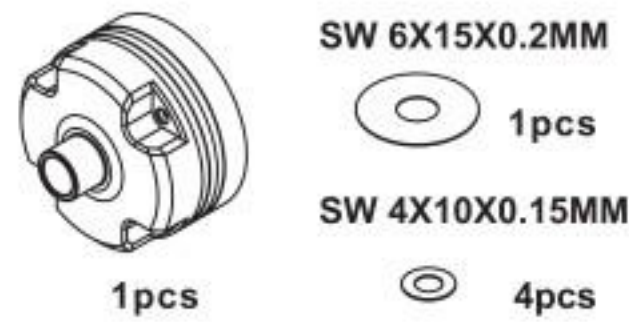
X3S-40
Carbon Fiber Ackerman , C

OPT



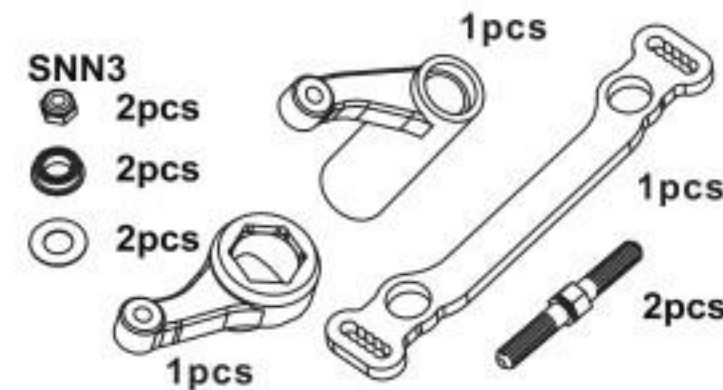
X3S-41
Aluminum Diff Case Set

OPT



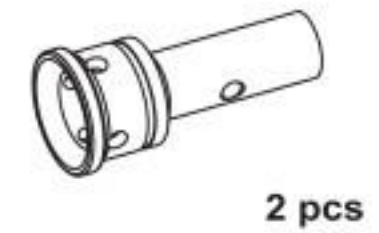
X3S-44
Alum Servo Saver Set

OPT



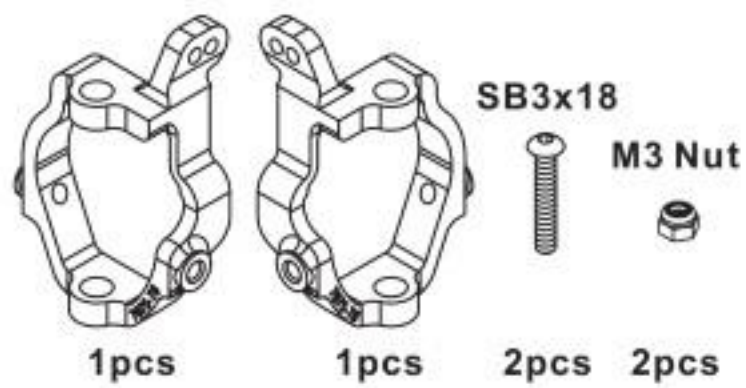
X3S-45
7075 Alum CVD Wheel Axle

OPT



X3GT-08
CNC C Hub, 0 Degree

OPT



X3GT-09S
16mm Shock Spring-Soft

OPT



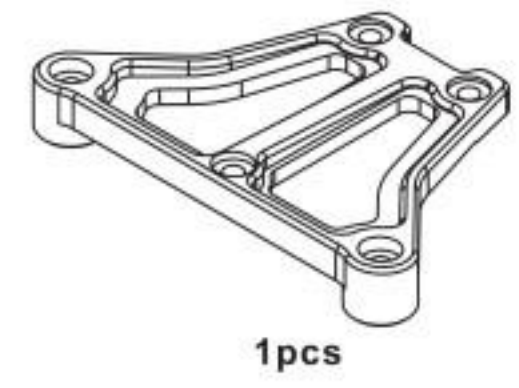
X3GT-10S
16mm Shock Spring-Hard

OPT



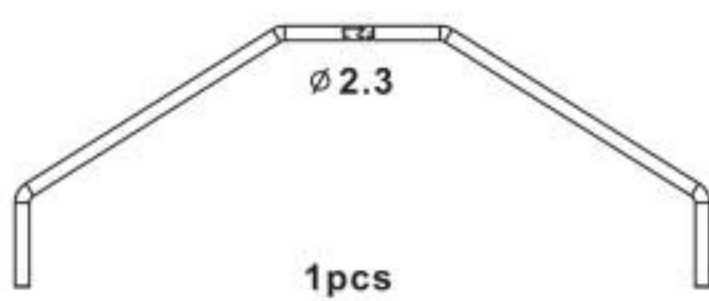
X3GT-19
CNC 7075 Front Top Deck

OPT



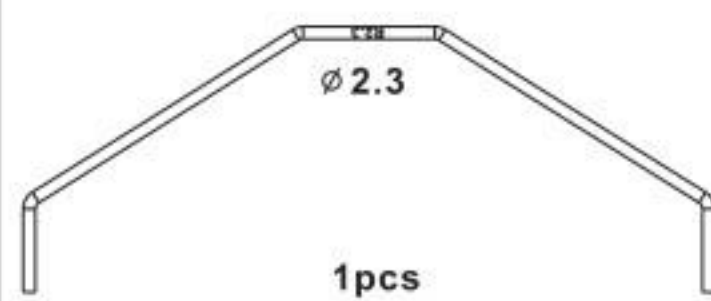
X3GT-20
Front Anti-roll Bar 2.3mm,black

OPT



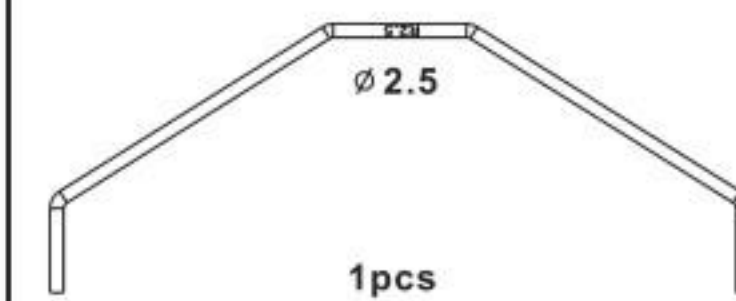
X3GT-21
Rear Anti-roll Bar 2.3mm,black

OPT



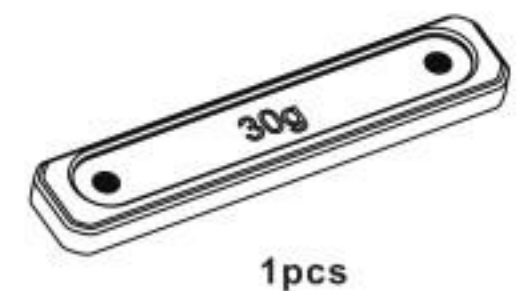
X3GT-23
Rear Anti-roll Bar 2.5mm,black

OPT



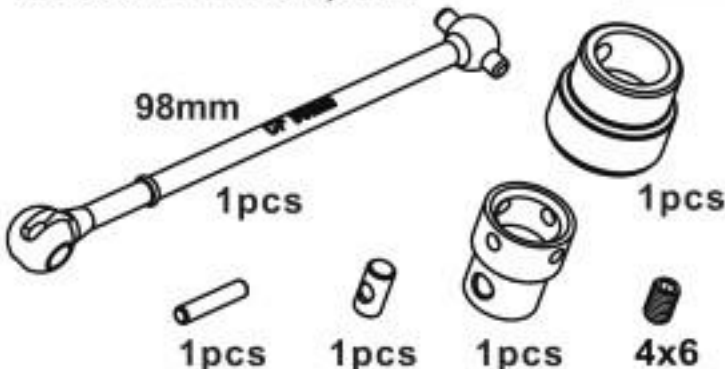
X3GT-70
Counterweight,30g

OPT



X3.6-15
Central Uni Shaft,CVD

OPT



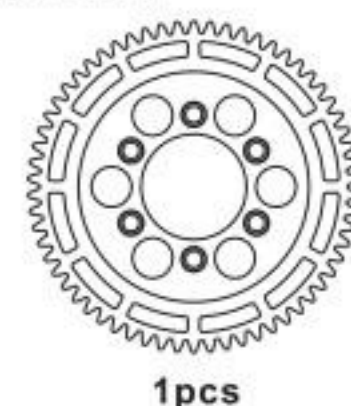
#429A
60T 1st Spur Gear

OPT



#429B
62T 1st Spur Gear

OPT



#429C
56T 2st Spur Gear

OPT



#429D
58T 2st Spur Gear

OPT



#429E
Clutch Gear (1st) 17T

OPT



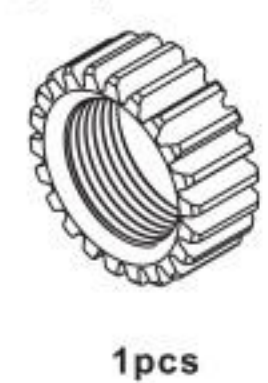
#429F
Clutch Gear (1st) 18T

OPT



#429G
Clutch Gear (2st) 22T

OPT



#429H
Clutch Gear (2st) 23T

OPT



#434
Lightweight Ball End Post

OPT



#435
8mm Lightweight Cap Joint for Brake

OPT



#440
Aluminum Shock Body Seal Retainer

OPT



SYMBOLS USED THROUGHOUT THE INSTRUCTION MANUAL

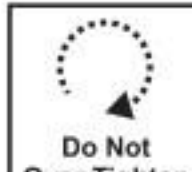
說明書附註使用標示



Parts Bag Used
使用零件包裝袋



Degrease With
Motor Spray
使用清潔噴劑



Do Not
Over Tighten
請勿鎖緊物件



Tighten
鎖緊物件



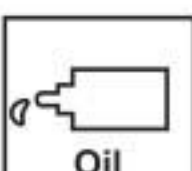
Ensure Free
Movement
確定可自由活動



Contact Adhesive
使用強力接著劑



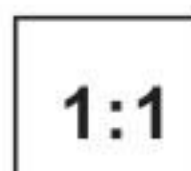
Apply Screw
Cement
使用螺絲膠



Apply Oil
塗上潤滑油



Apply Lubricant
塗上潤滑黃油



True-To-Scale
1:1原寸圖



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

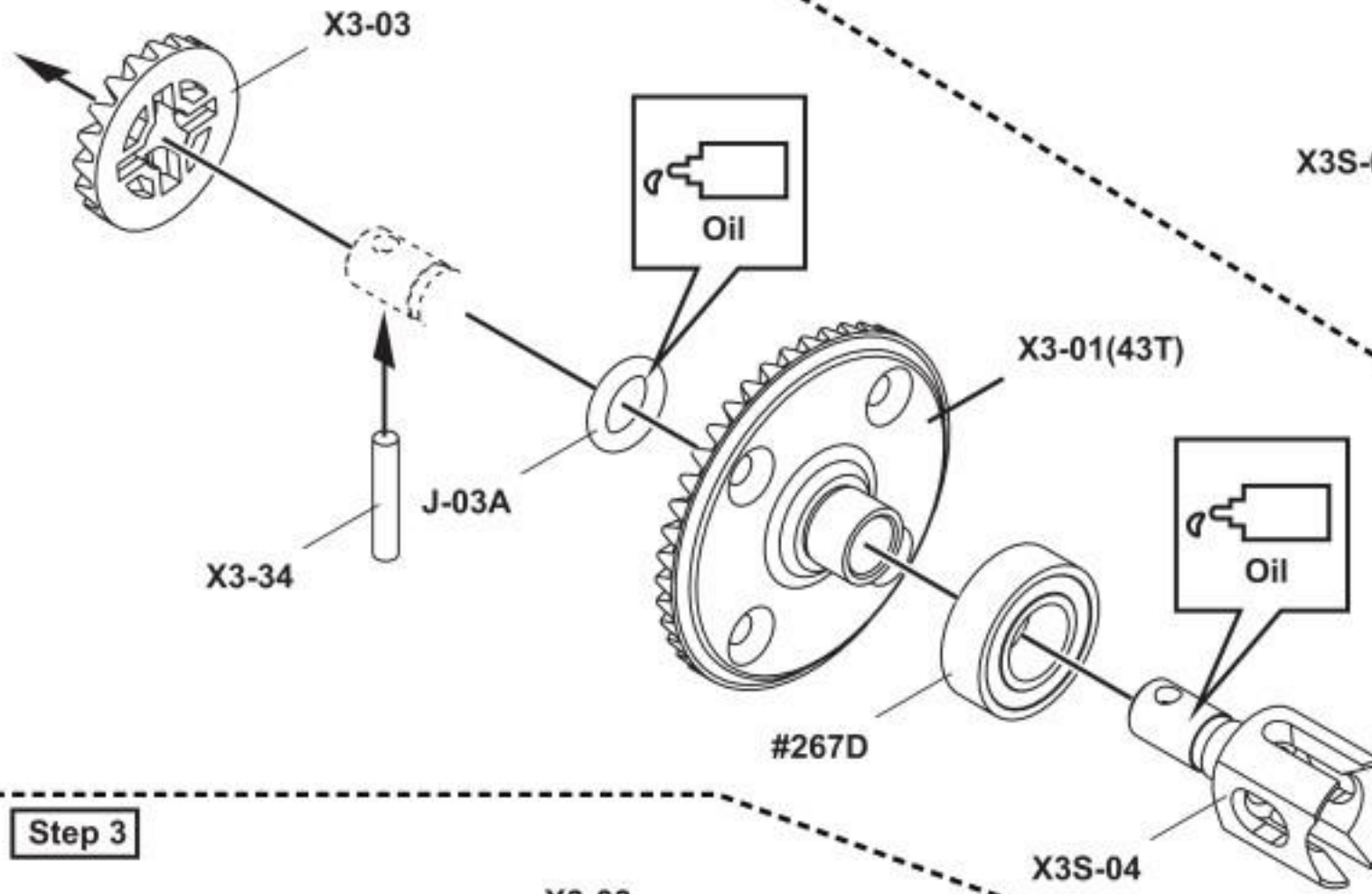
Build two differentials for front and rear.
請組合兩個差速器為前後使用。

x2

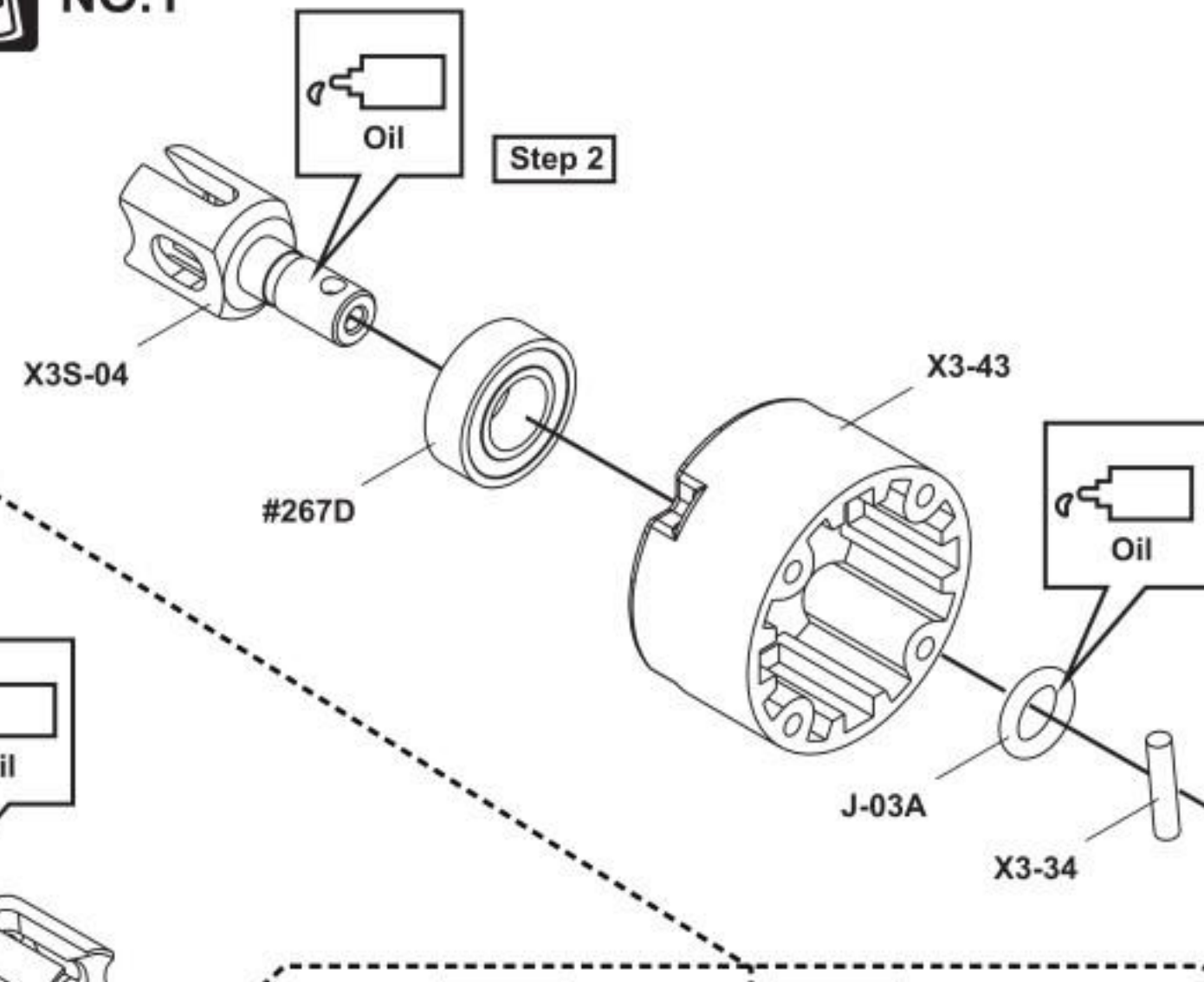


NO.1

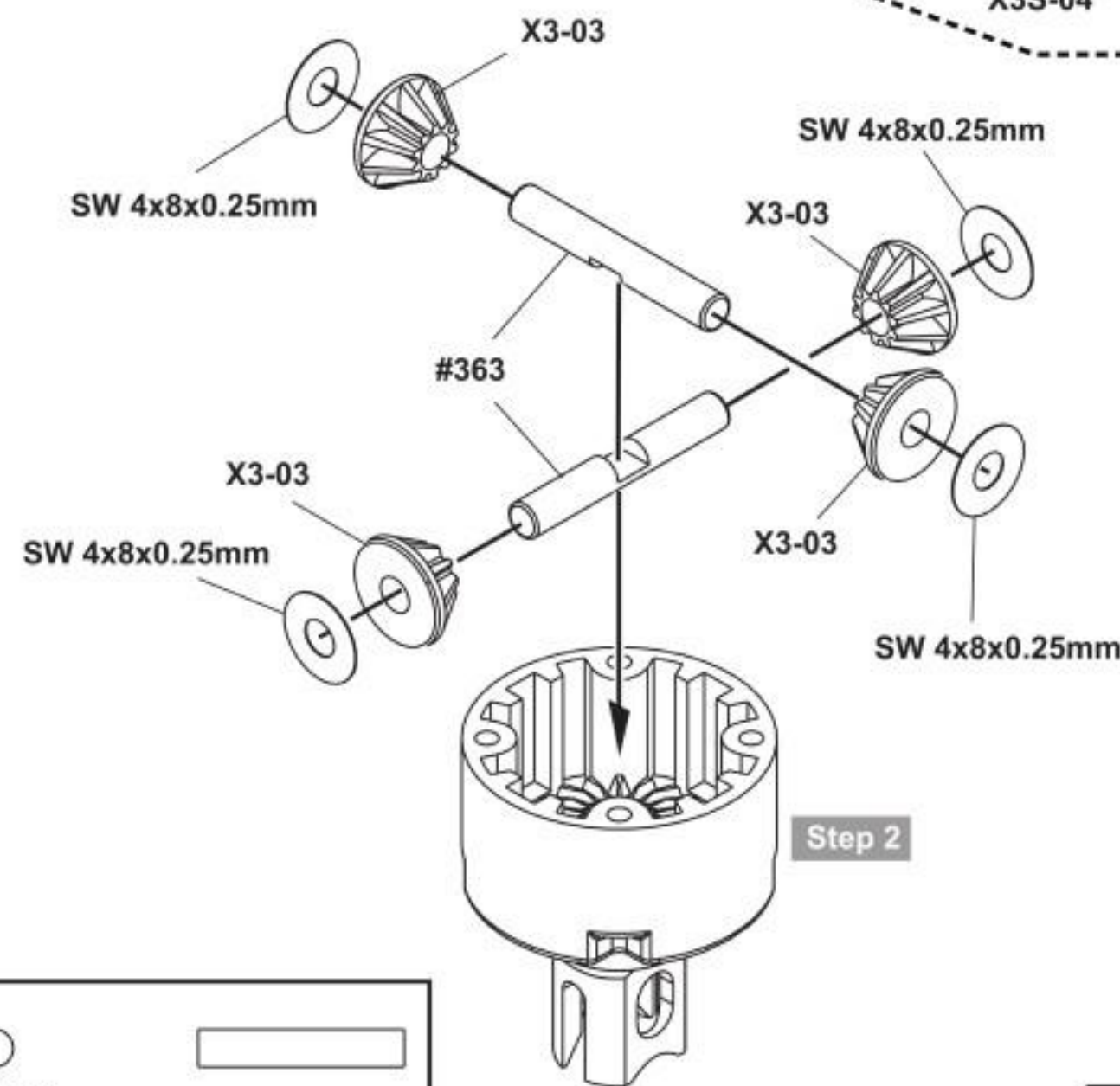
Step 1



Step 2



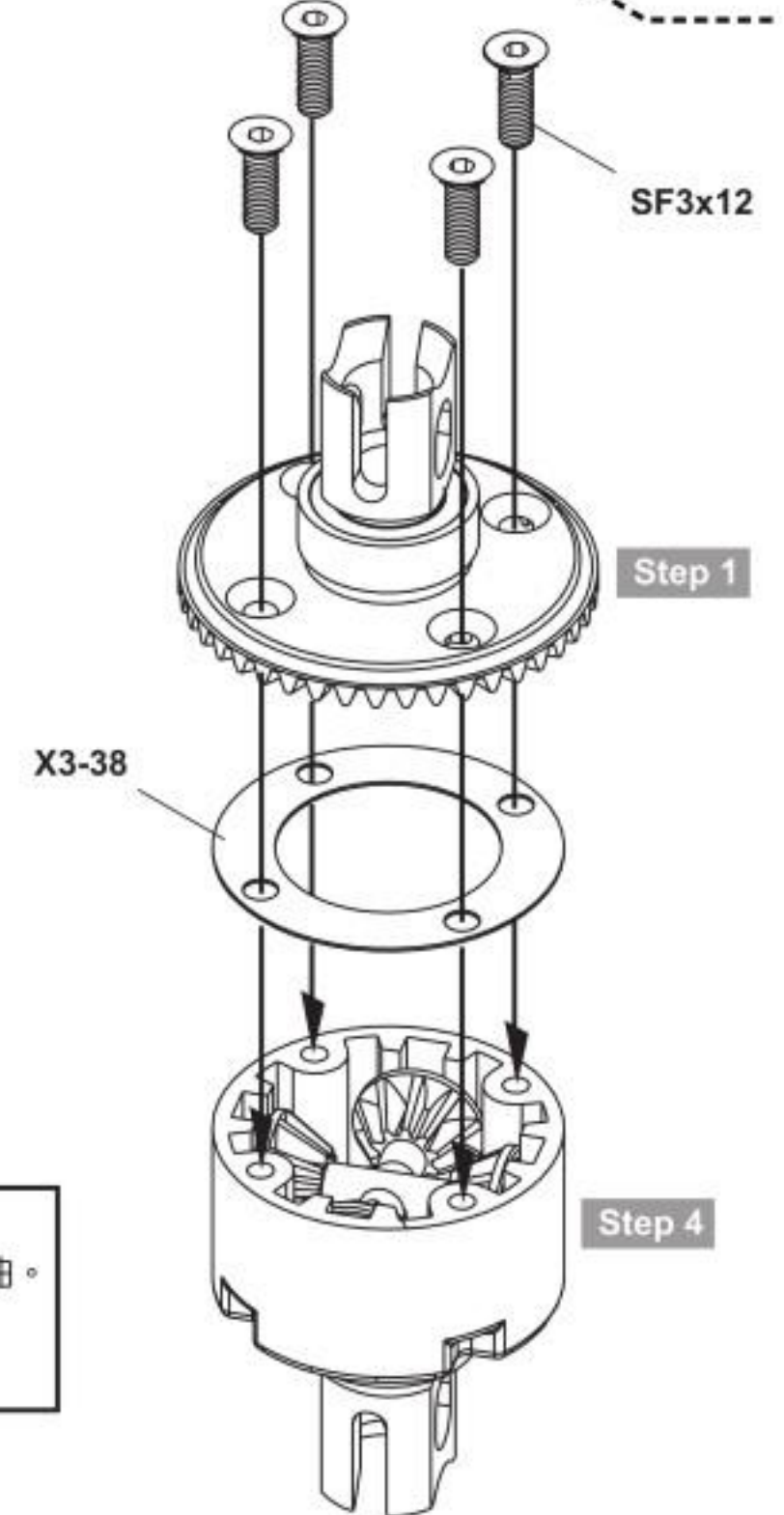
Step 3



Step 4



Step 5



- Use the Diff. Oil #300000 for front and #50000 for rear.
前差速器請使用 #300000 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 Pin
滾針

J-03A
P6 O-Ring
P6 O環

#267D
8x16x5mm
Ball Bearing
培林

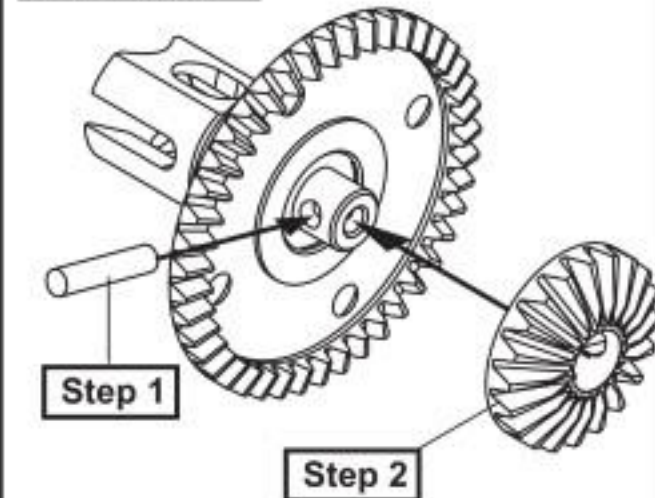
SW 4x8x0.25
4x8x0.25mm
Washer
墊片

#363
4mm Alim. Cross Pin
4mm 鋁十字軸心

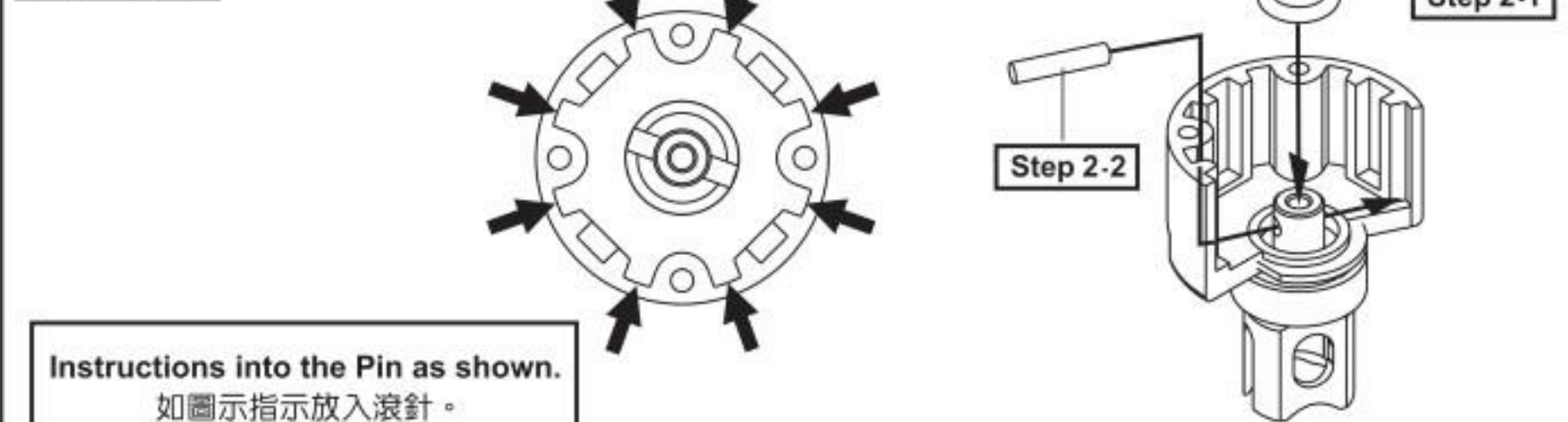
SF3x12mm
Flat Head Hex Screw
皿頭內六角螺絲

0 10 20 30 40 50 mm

Step 1 detail
步驟 1 細節

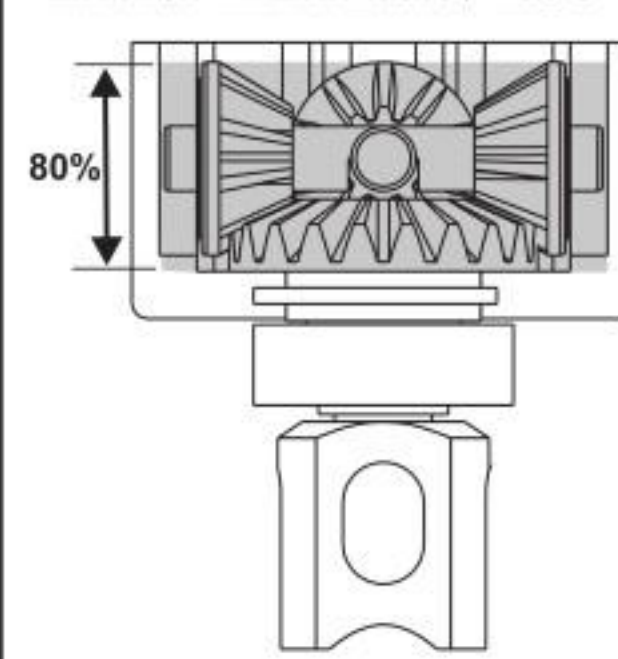


Step 2 detail
步驟 2 細節



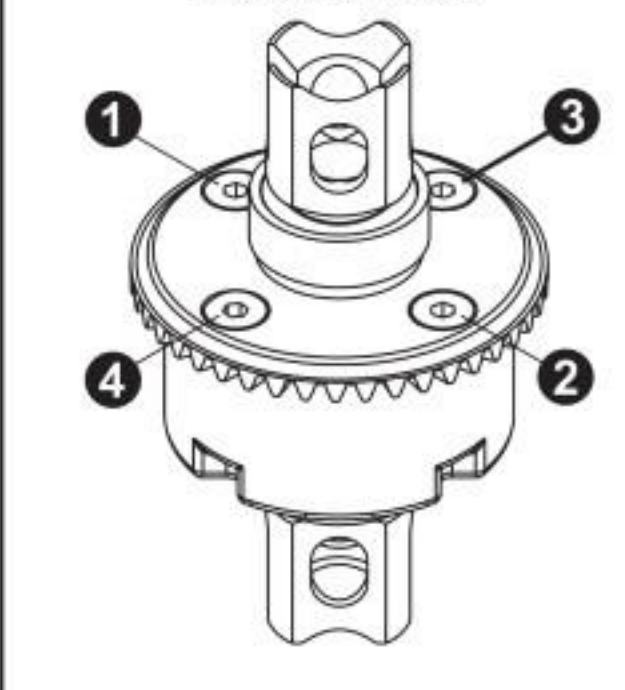
Step 4 detail
步驟 4 細節

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

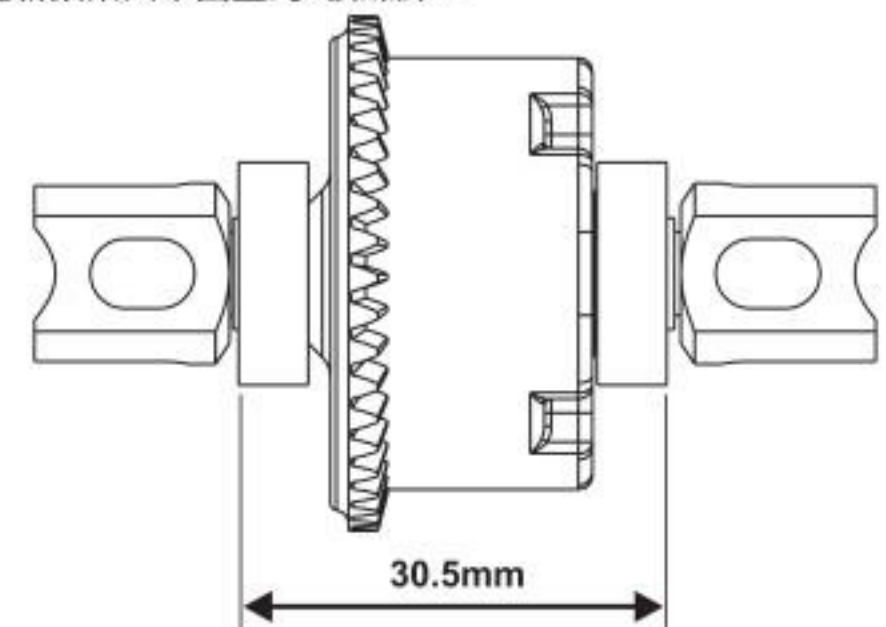


Step 5 detail
步驟 5 細節

Repeat tightening in this order
按這順序鎖緊螺絲



After assembly the differential should be 30.35mm measured from the ends of the installed ball-bearings. If differential is longer, hold the bevel gear and retighten the 4 screws.
組裝完成後測量兩端滾珠培林差距 在30.5mm。如果差距更長，應重新鎖緊大傘齒上的4根螺絲。

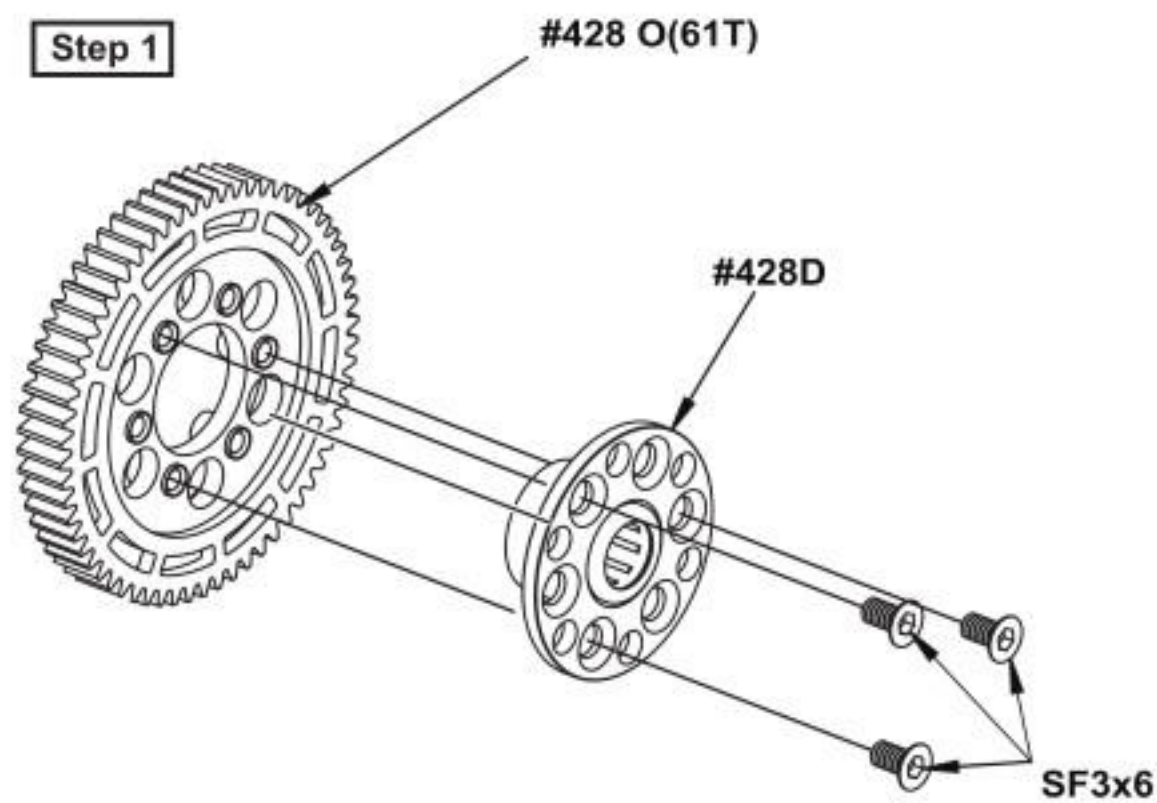


2 ASSEMBLY OF THE 2-SPEED TRANSMISSION 二段變速器組合

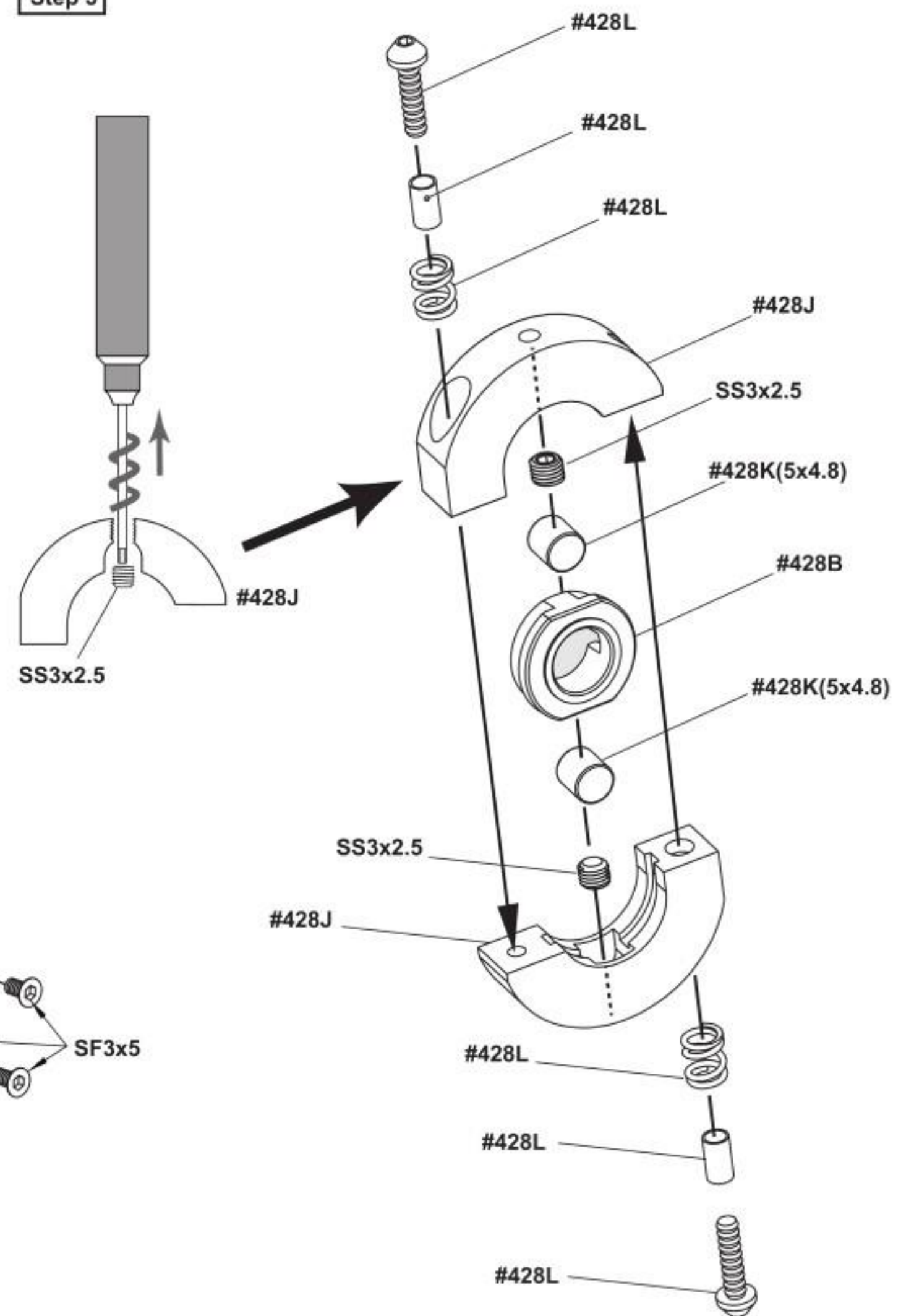


NO.5

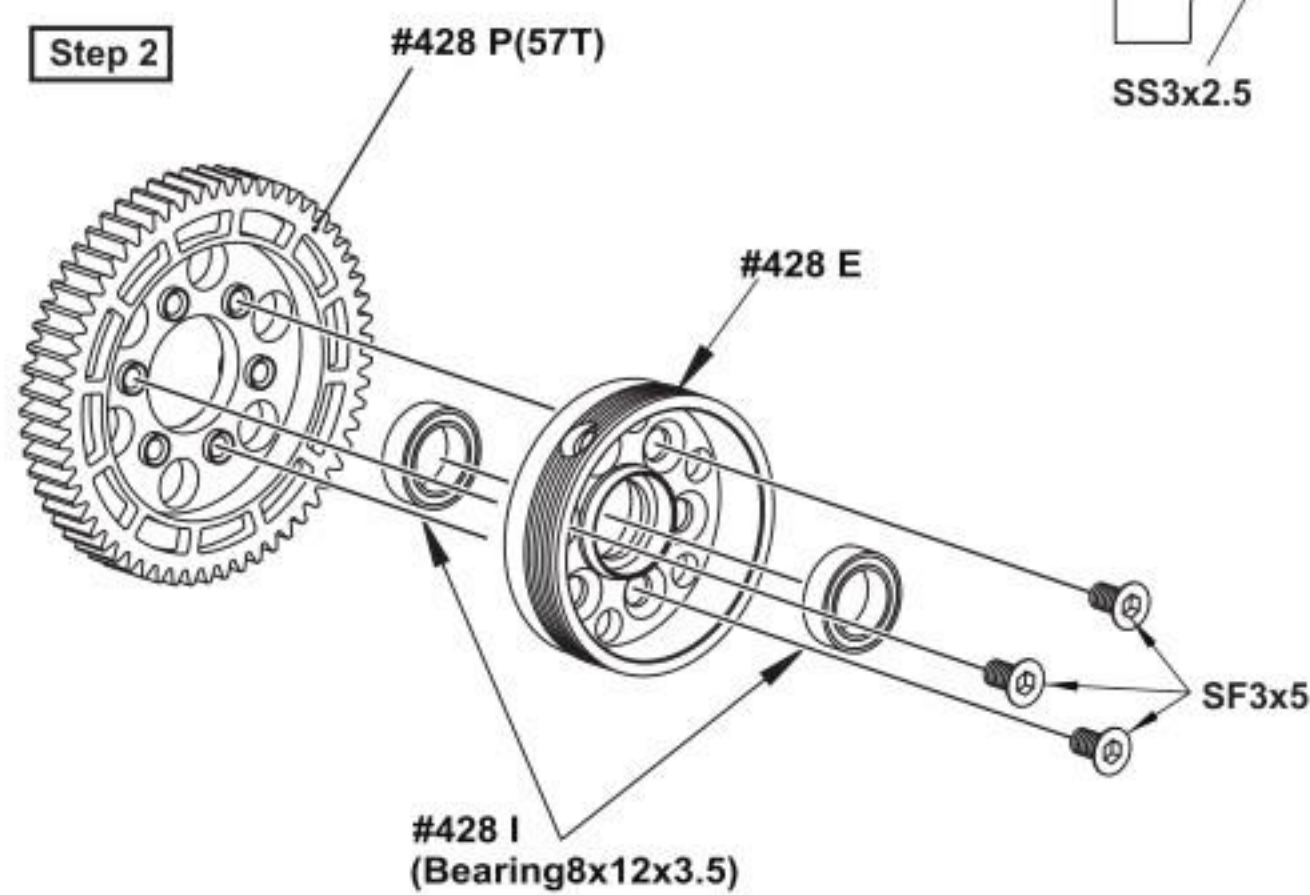
Step 1



Step 3



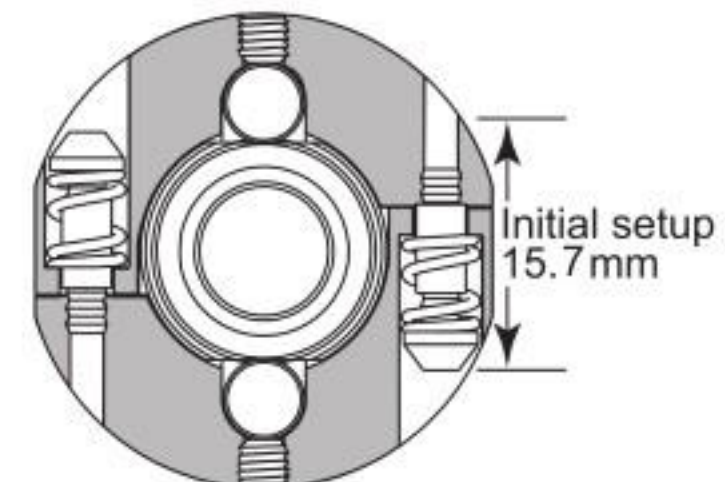
Step 2



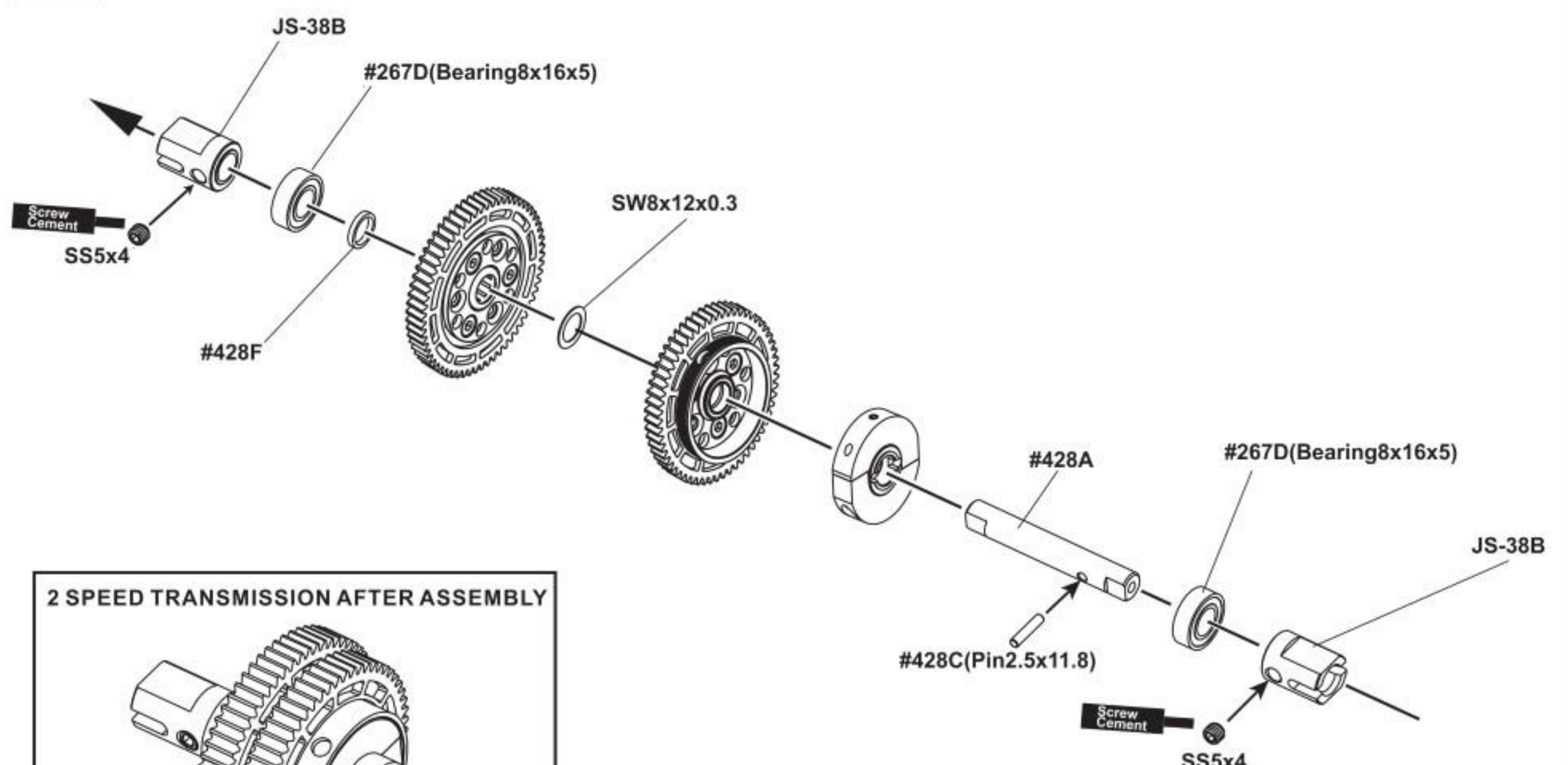
Step 4

Step detail 步驟細節

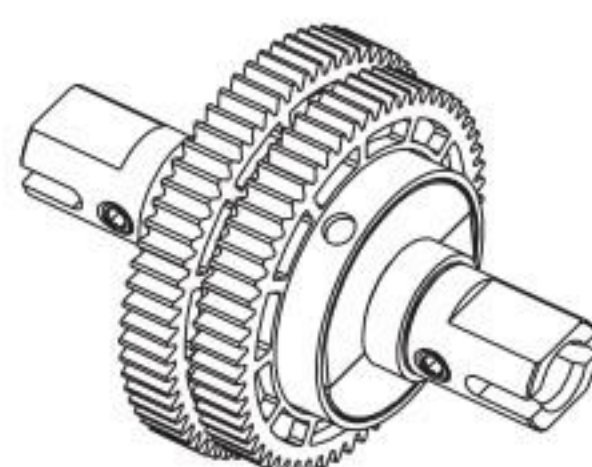
Please set the 2 speed screw distance like instruction in 15.7mm, shorter the distance will make 2 speed shift slower, longer the distance will make 2 speed shift early.
請將二段變速器的調整螺絲初始距離依圖示設在 15.7mm，此距離越短變速時間越晚，此距離越長變速時間越早。

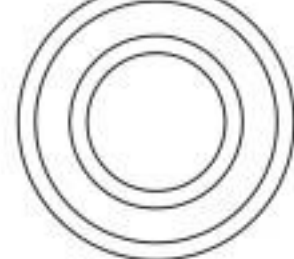
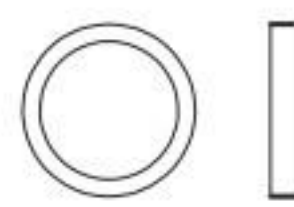


Step 5



2 SPEED TRANSMISSION AFTER ASSEMBLY

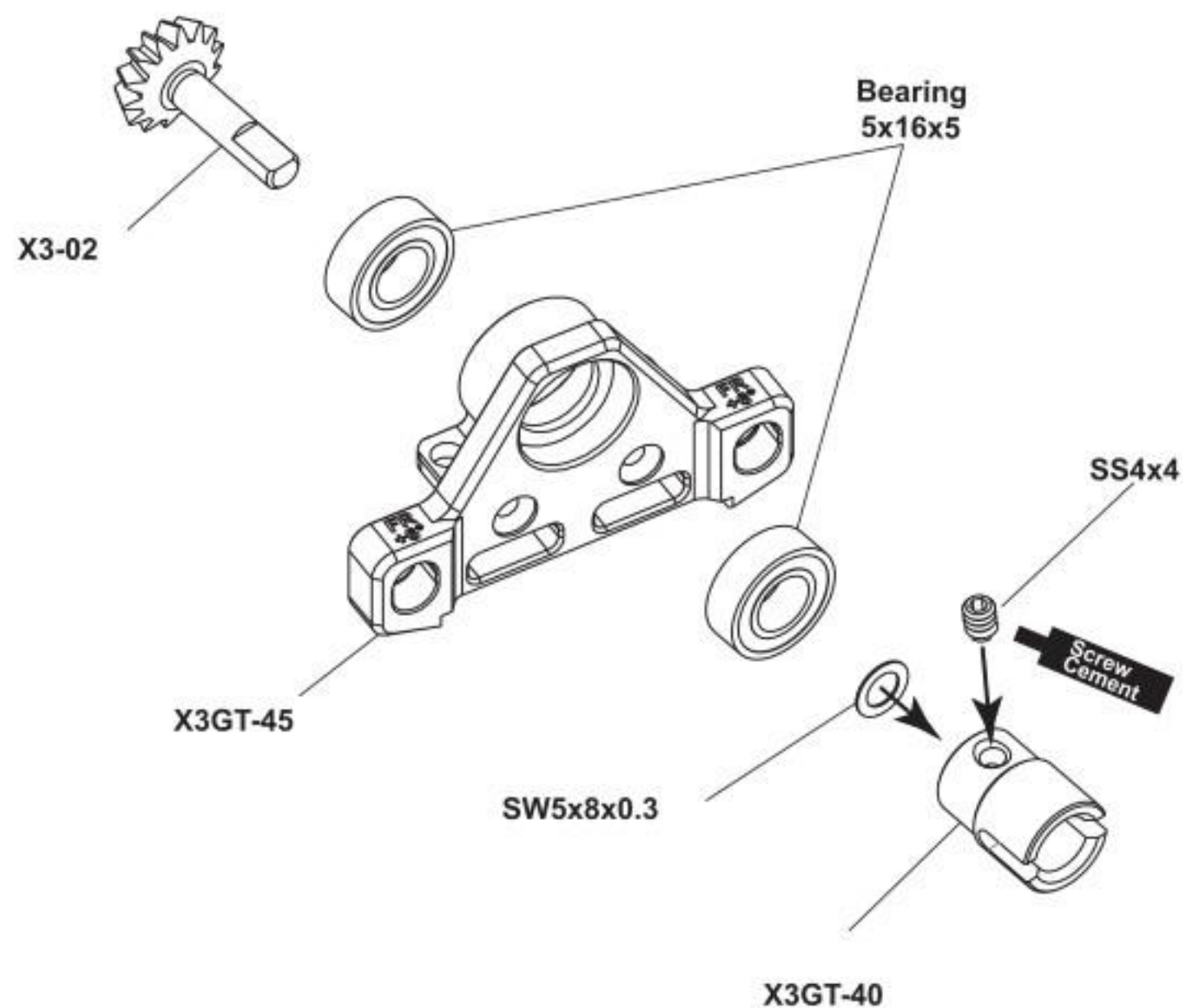


-  #428L Clutch Shoes Screwx2
離合片螺絲
-  SF3x6mm Flat Head Hex Screwx3
皿頭內六角螺絲
-  SF3x5mm Flat Head Hex Screwx3
皿頭內六角螺絲
-  8x12x3.5mm Ball Bearingx2
培林
-  SS3x2.5mm Set Screwx2
止付螺絲
-  5x4.8mm Roll Pinx2
圓柱顆粒
-  SS5x4mm Set Screwx2
止付螺絲
-  #267D 8x16x5mm Ball Bearingx2
培林
-  8x10x1.5mm Spacerx1
隔環
-  SW8x12x0.3 Shimx1
墊片
-  2.5x11.8mm Pinx1
鋼針

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



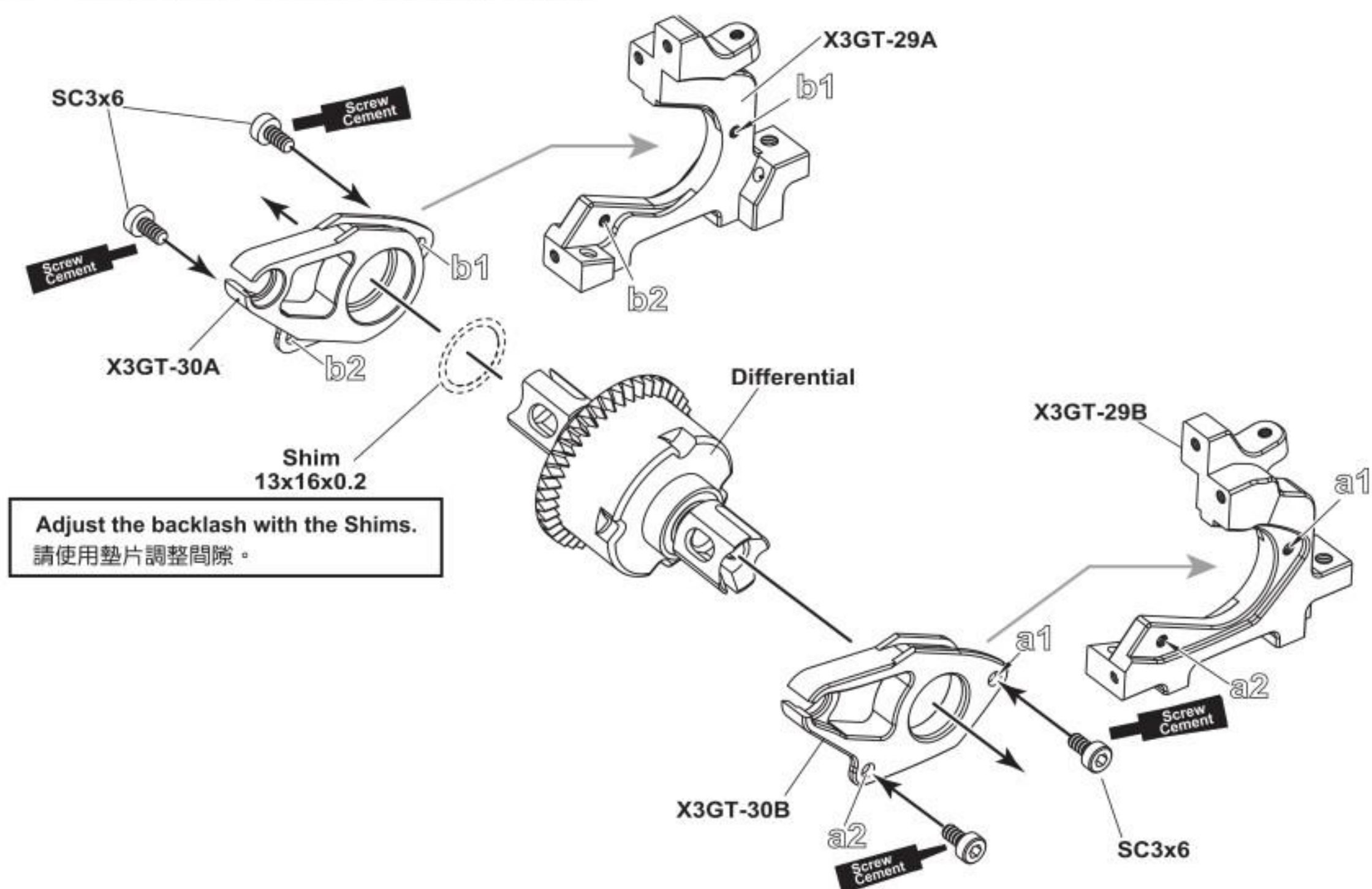
NO.2



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



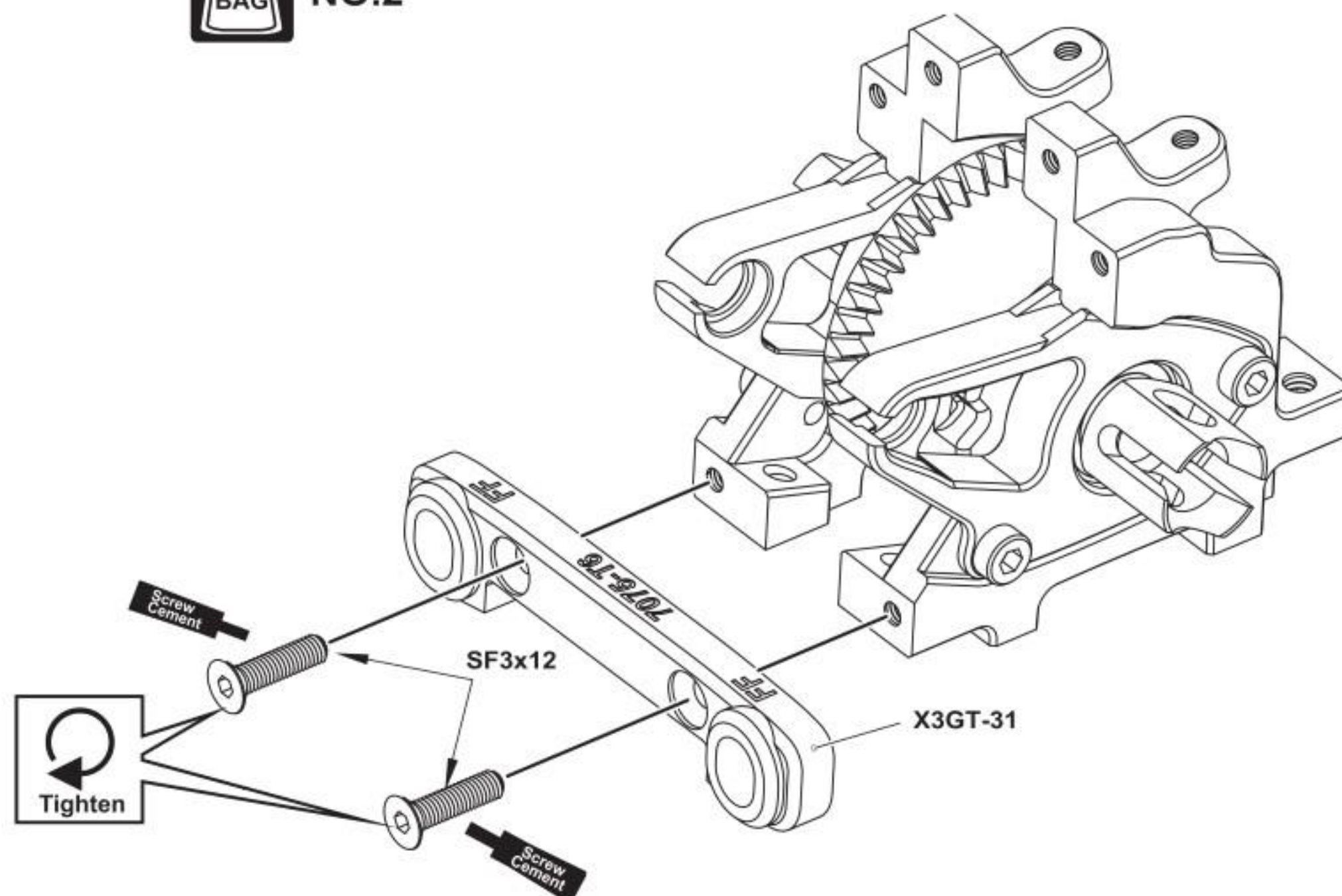
NO.2



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



NO.2

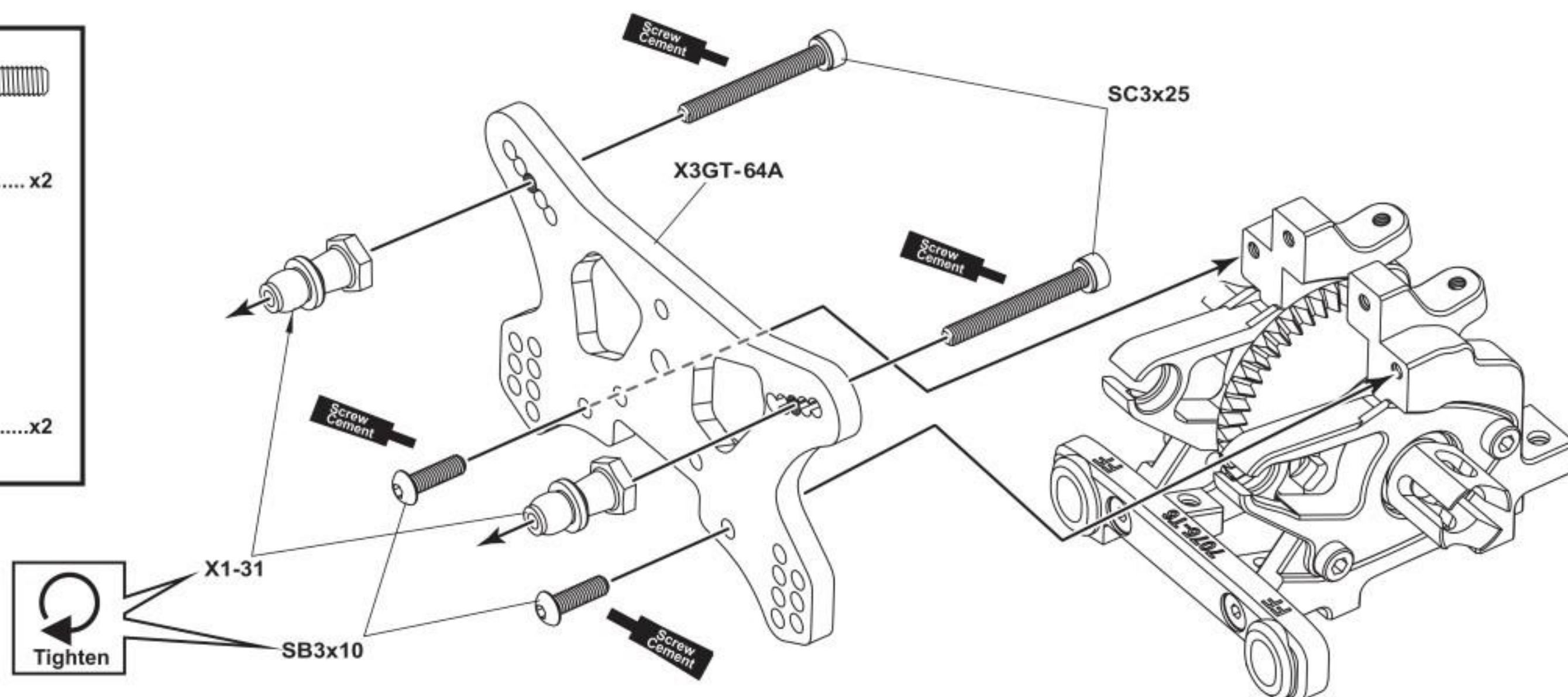
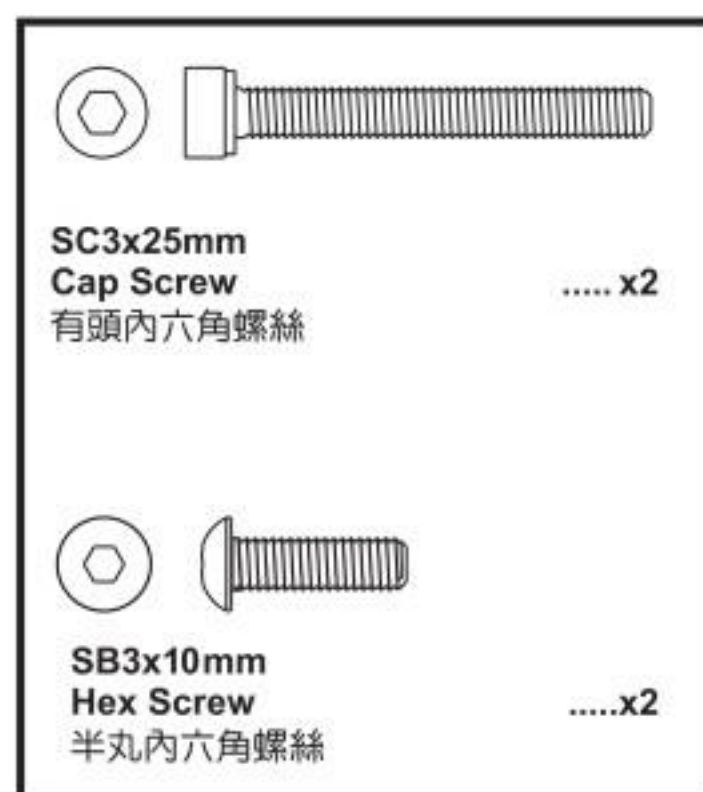


6 ASSEMBLY OF THE FRONT SHOCK STAY

前油壓架組合



NO.2



7 ASSEMBLY OF THE FRONT LOWER ARMS

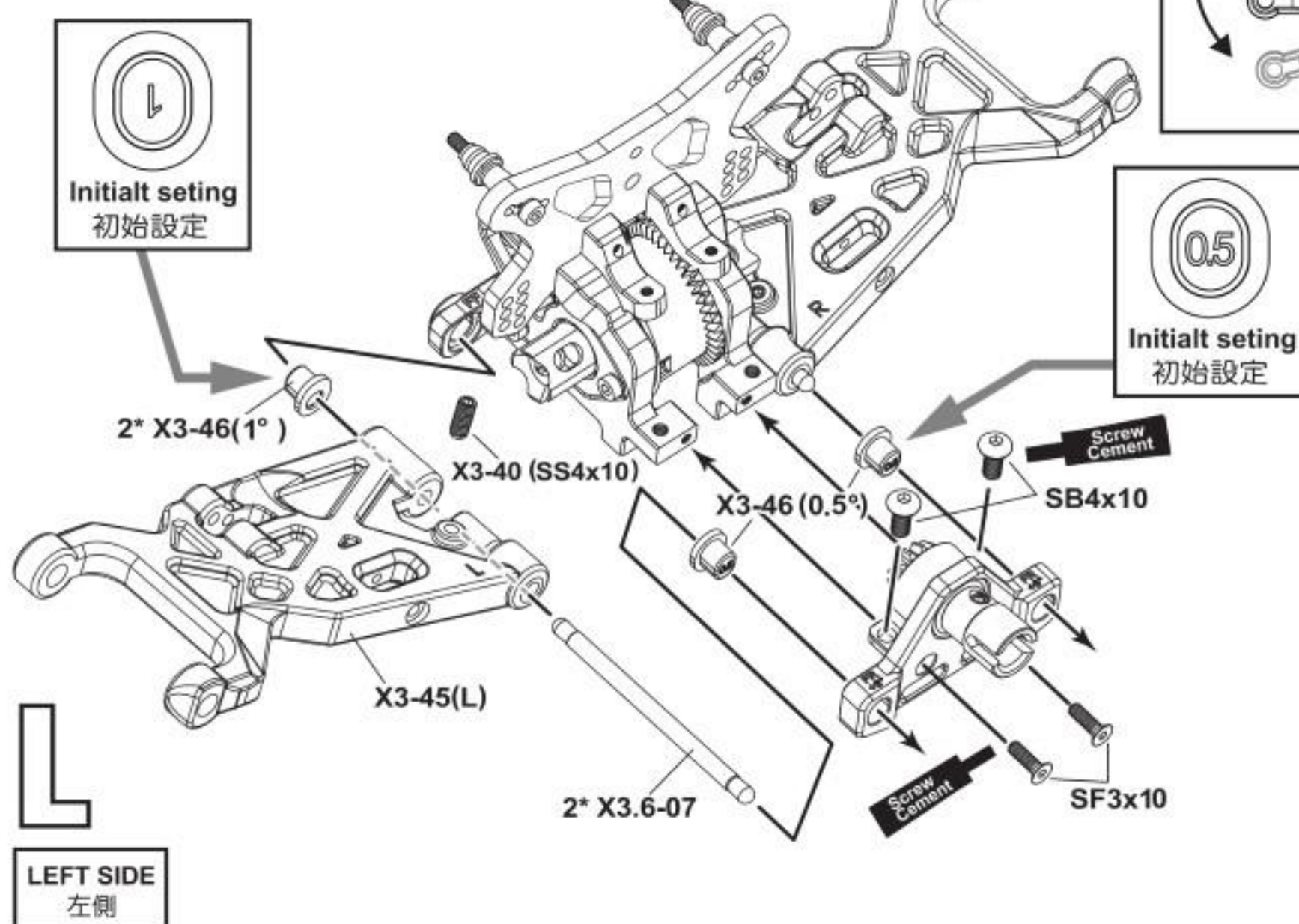
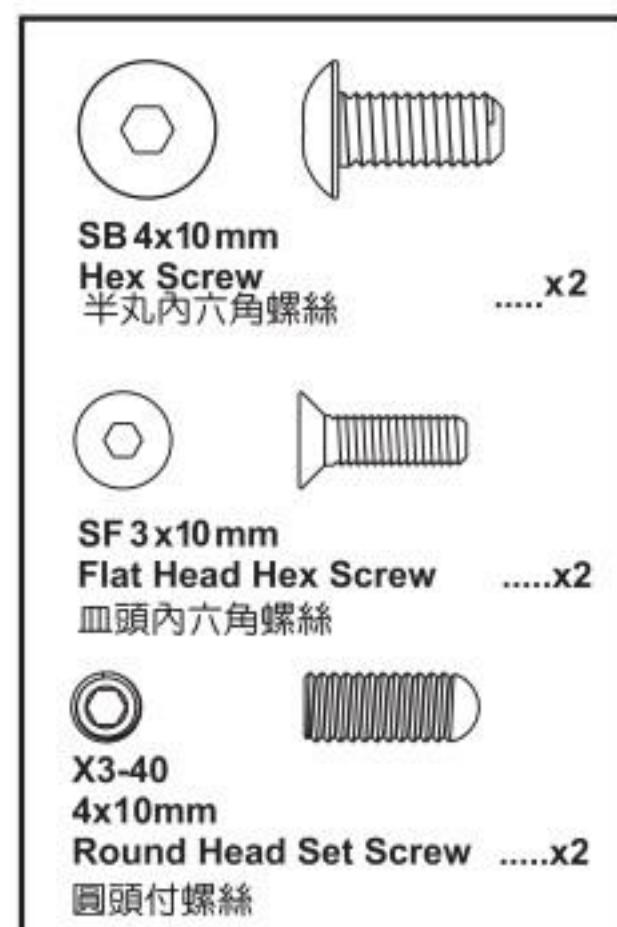
前下擺臂組合



NO.2

Right side
右側

Step detail
步驟細節



8 ASSEMBLY OF THE FRONT STABILIZER

前平衡桿組合

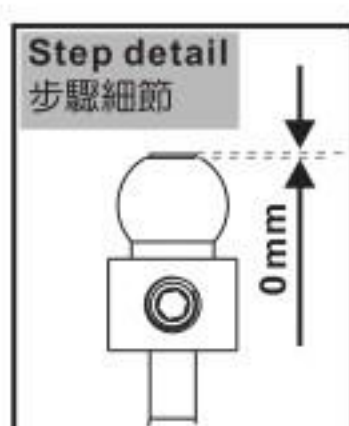
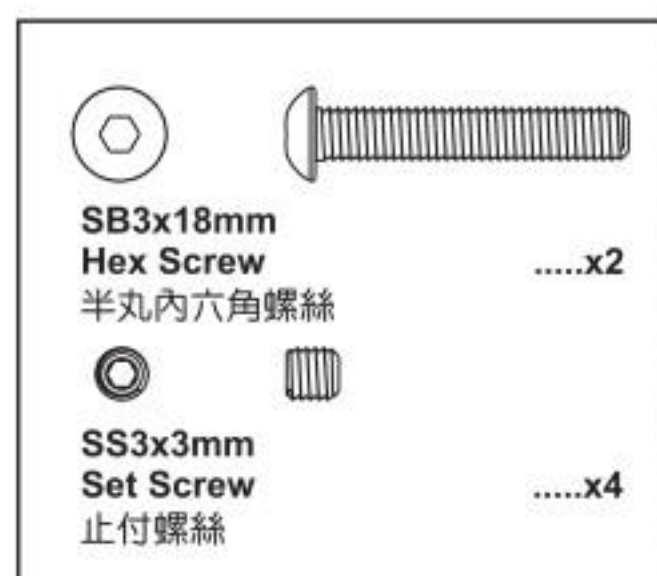
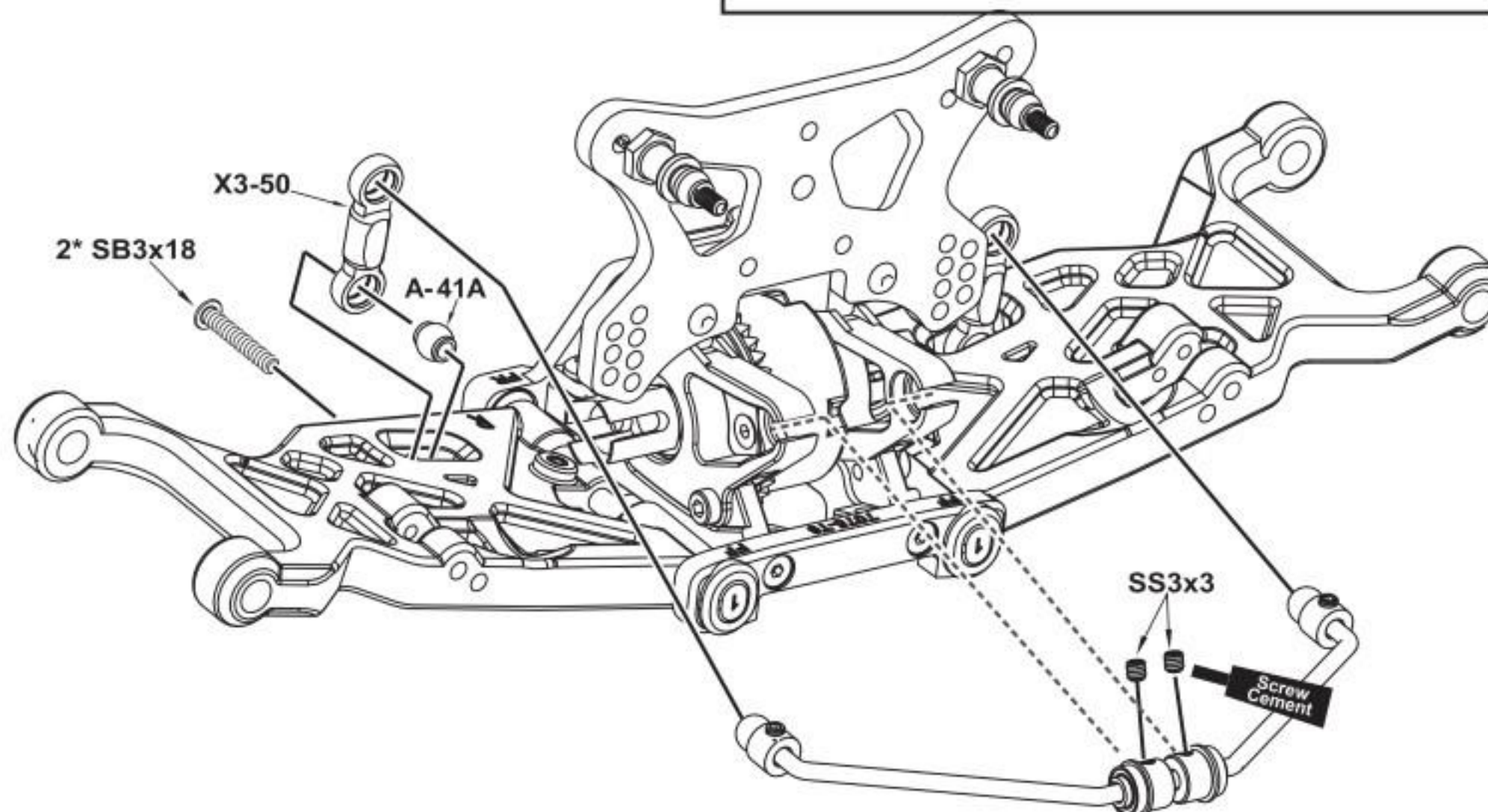
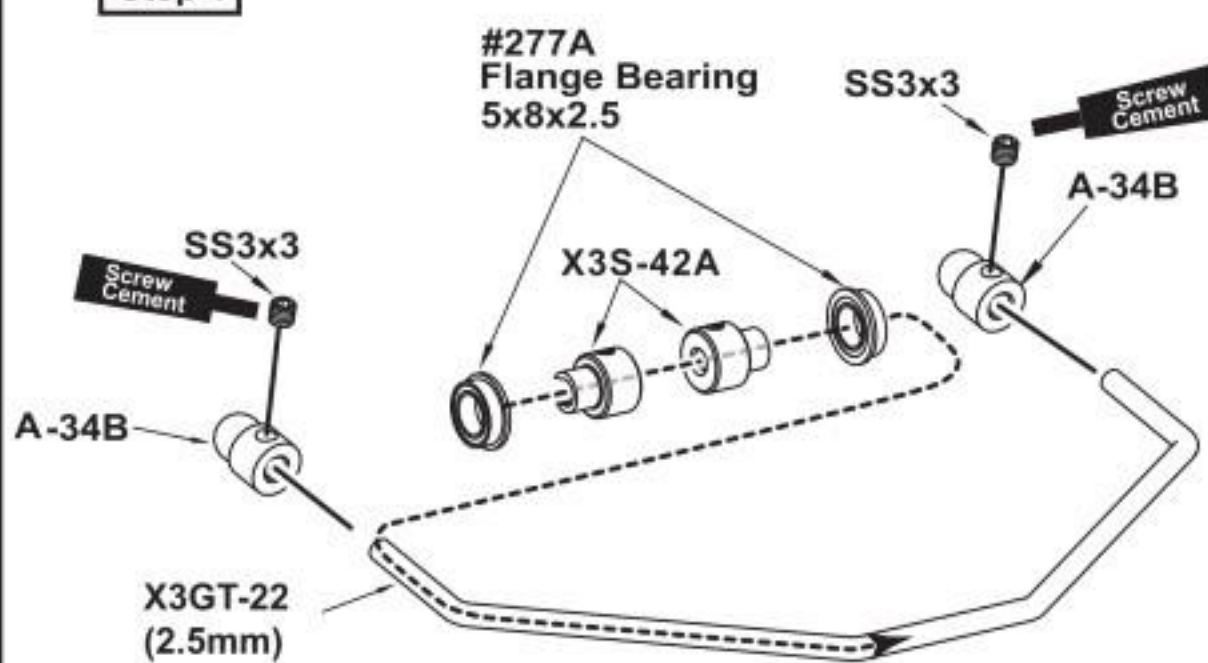
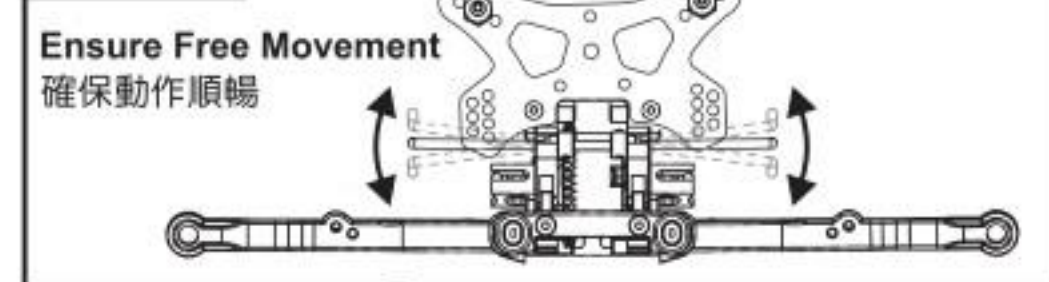


NO.2

Step 1

Step 2

Step detail
步驟細節



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)

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

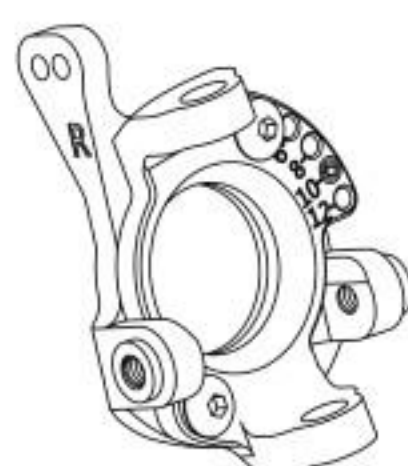
放置後傾角件(X3GT-71D)到C型座(X3GT-71C)

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



SB4x8

3

X3GT-71E

2

R : X3GT-71C + X3GT-71D 右側

L : X3GT-71A + X3GT-71B 左側

Right side
右側

X3GT-71C

X3GT-71D

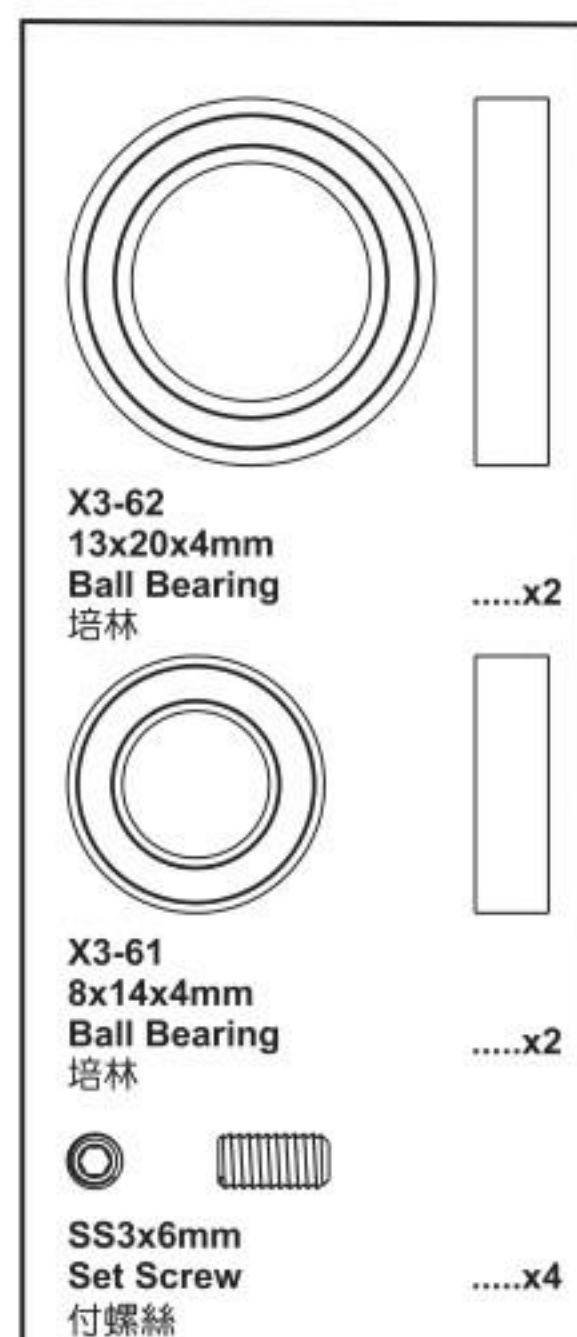
1

10 ASSEMBLY OF THE FRONT KNUCKLE ARMS

轉向座組合



NO.2

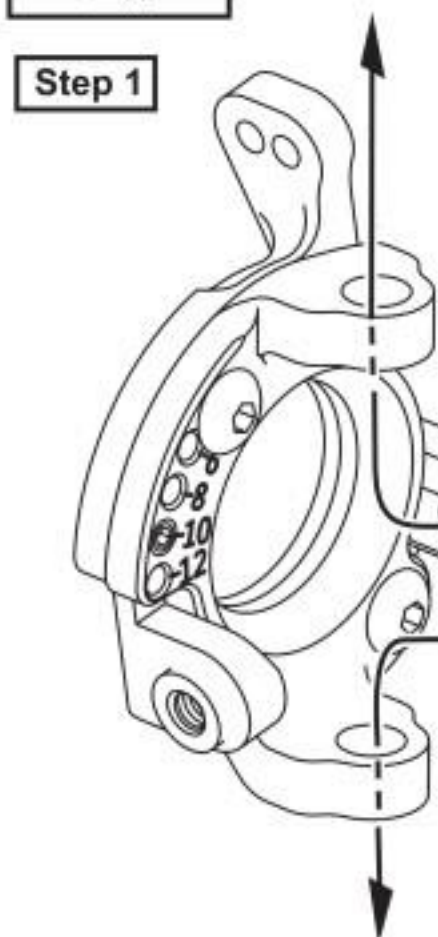


LEFT SIDE
左側

Step 1

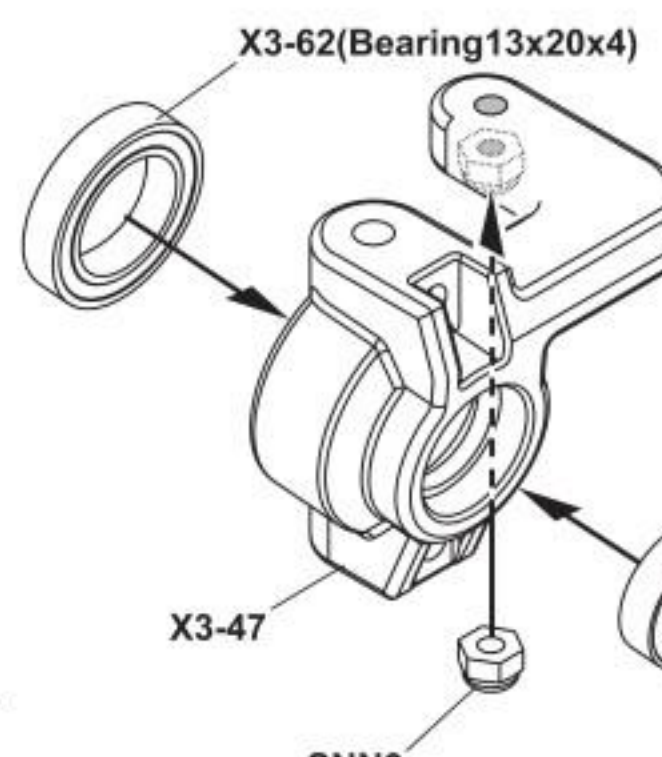
Step 2

Step 3



X1-27

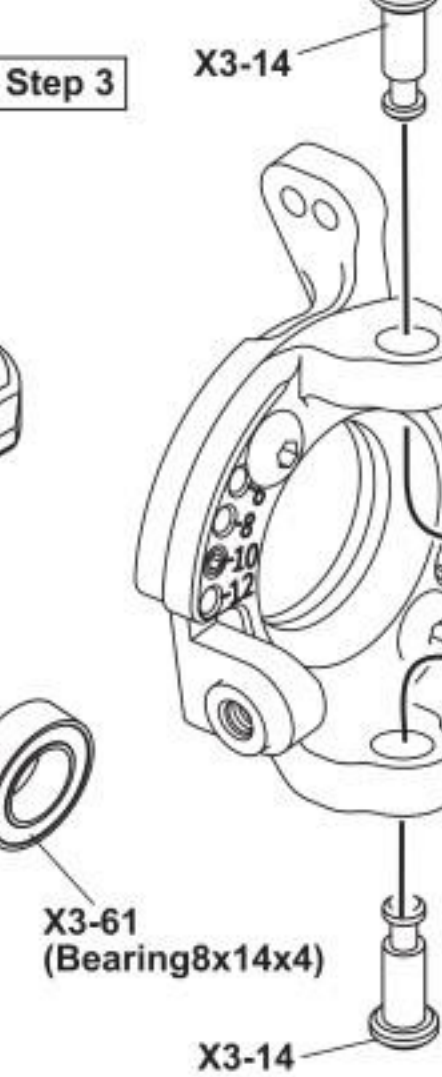
X1-27



X3-62(Bearing13x20x4)

X3-47

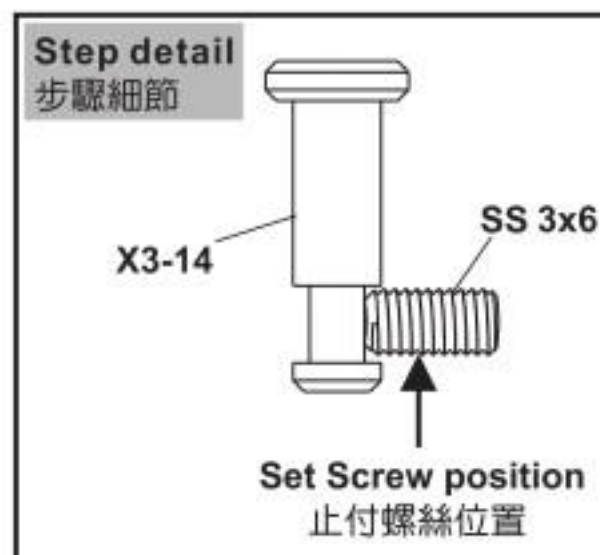
SNN3



X3-14

X3-61 (Bearing8x14x4)

X3-14



Step detail
步驟細節

X3-14

SS 3x6

Set Screw position
止付螺絲位置

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

11 ASSEMBLY OF THE FRONT CVD INTO KNUCKLE ARMS

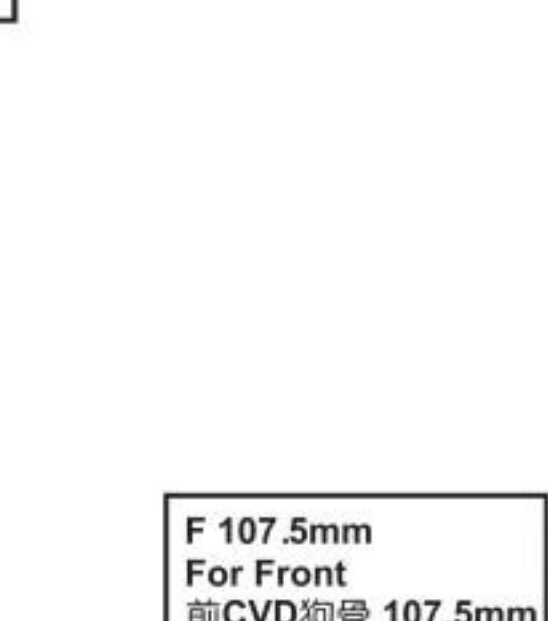
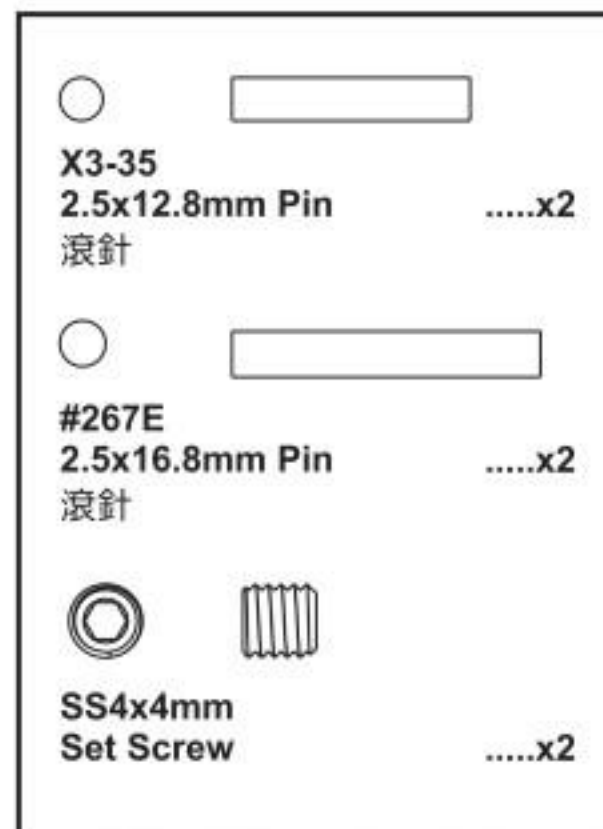
轉向座與CVD傳動軸組合



NO.2

LEFT SIDE
左側

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



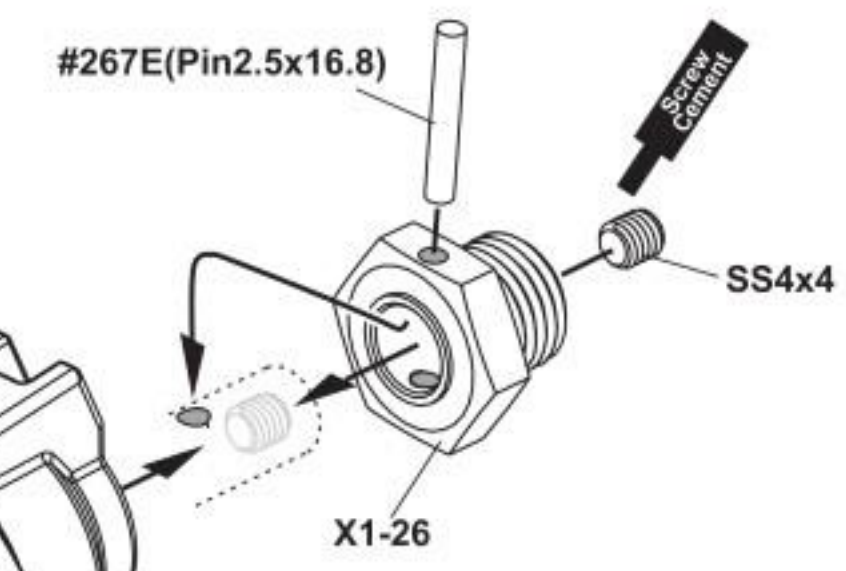
F 107.5mm
For Front
前CVD狗骨 107.5mm

X3-04A

X3-35(Pin2.5x12.8)

X3-06

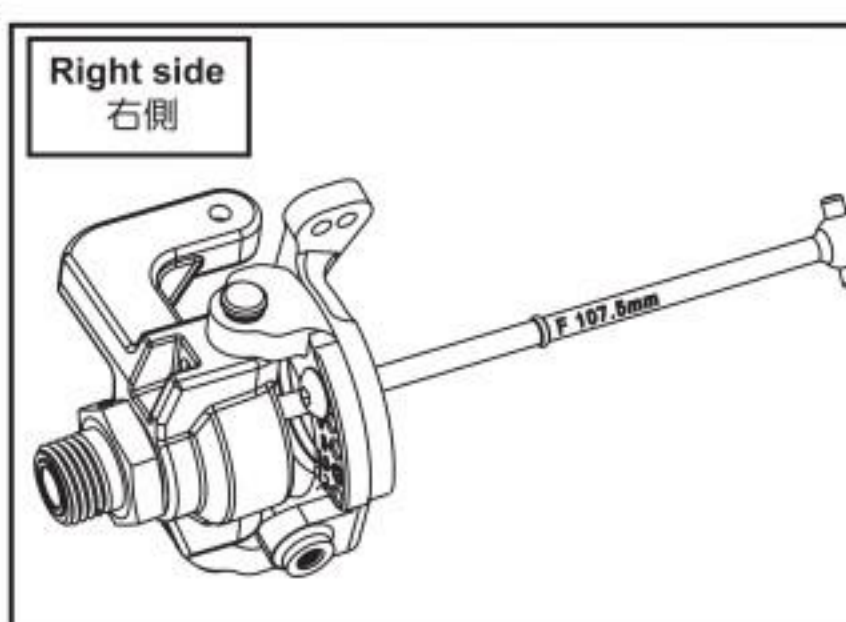
X3-07



#267E(Pin2.5x16.8)

SS4x4

X1-26



Right side
右側

12 ASSEMBLY OF THE KNUCKLE ARMS ONTO FRONT LOWER ARMS

組合前轉向座至下擺臂

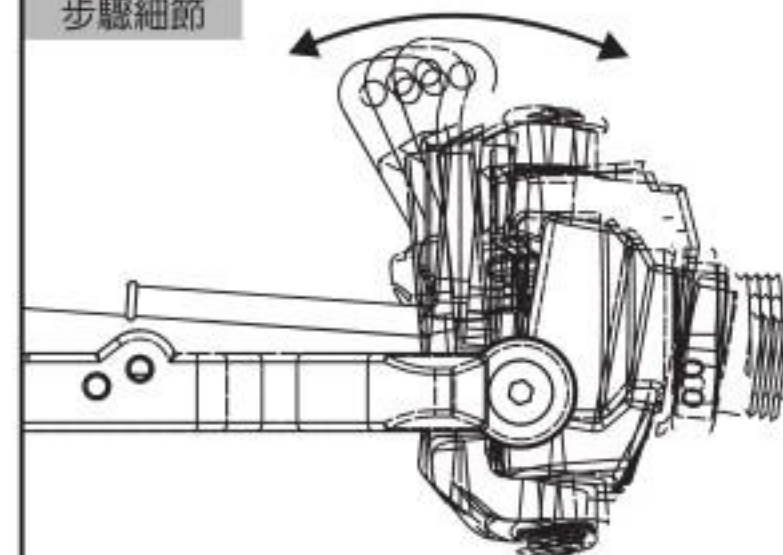


NO.2

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

Step detail

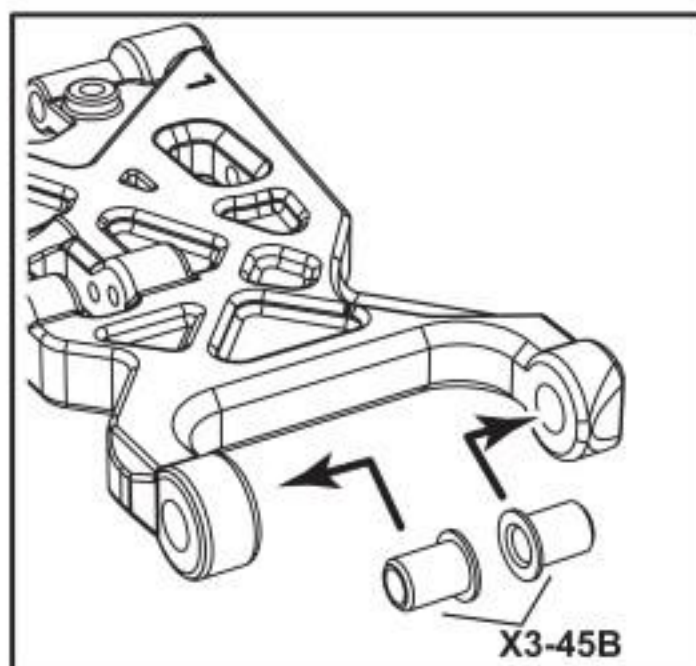
步驟細節



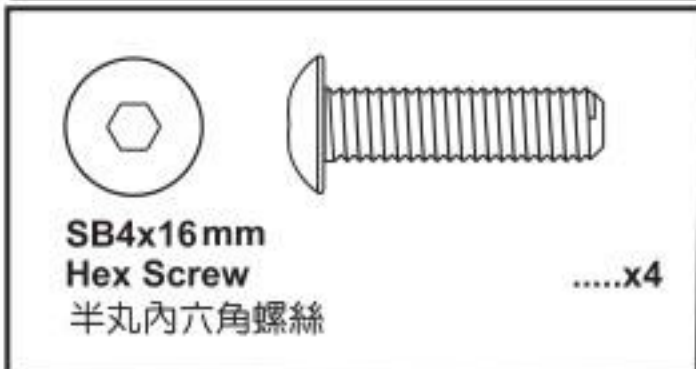
Ensure Free Movement
確保動作順暢

R

Right side
右側

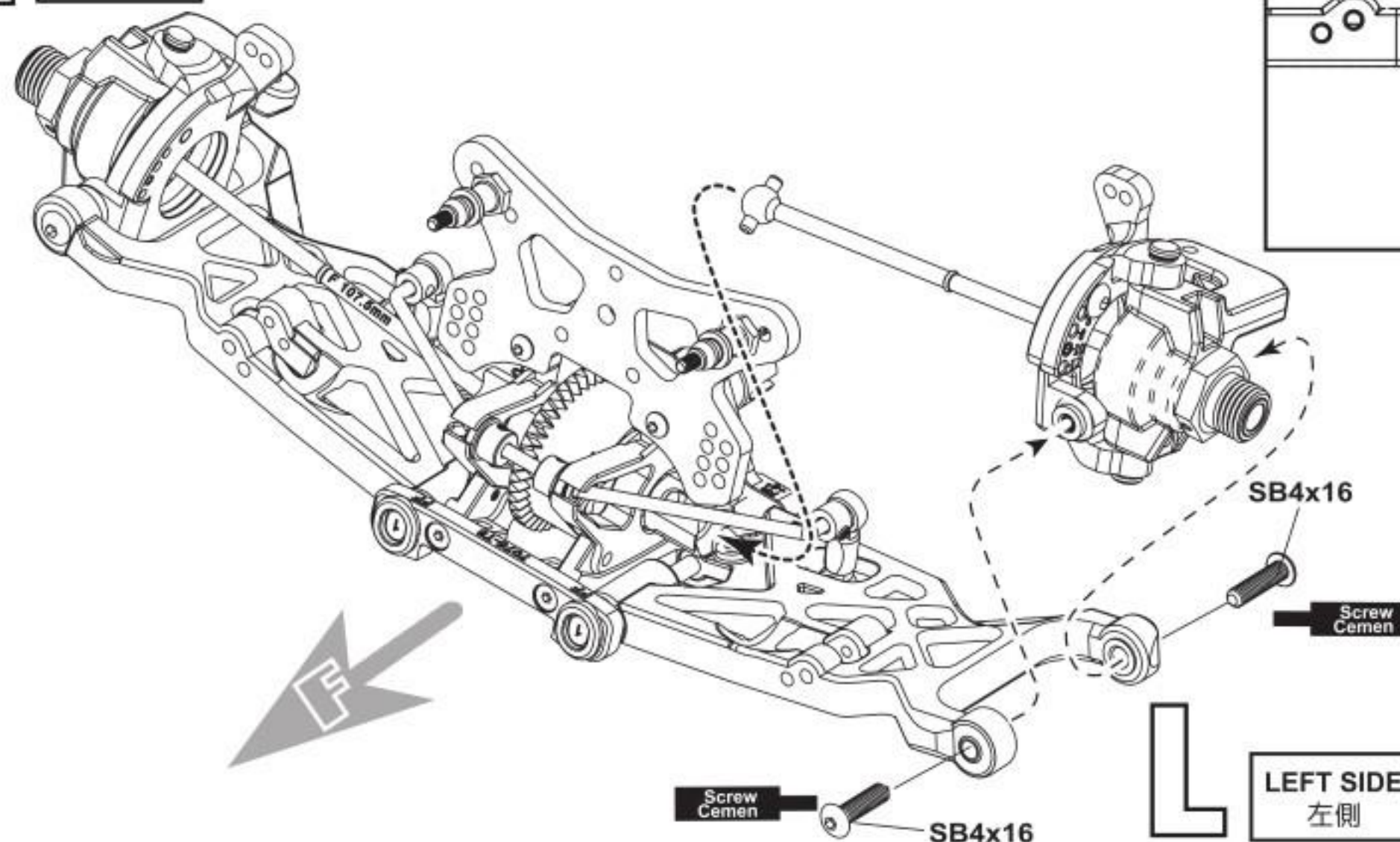


X3-45B



SB4x16mm
Hex Screw
半丸內六角螺絲

.....x4



Screw
Cement

SB4x16

L

LEFT SIDE
左側

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

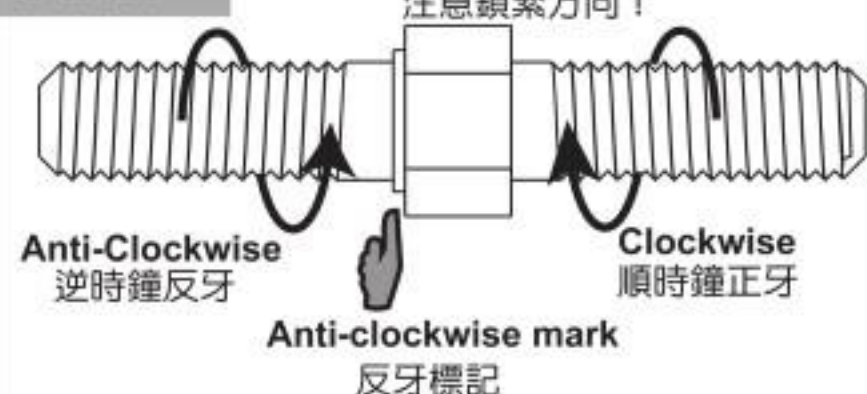


NO.2

Step detail

步驟細節

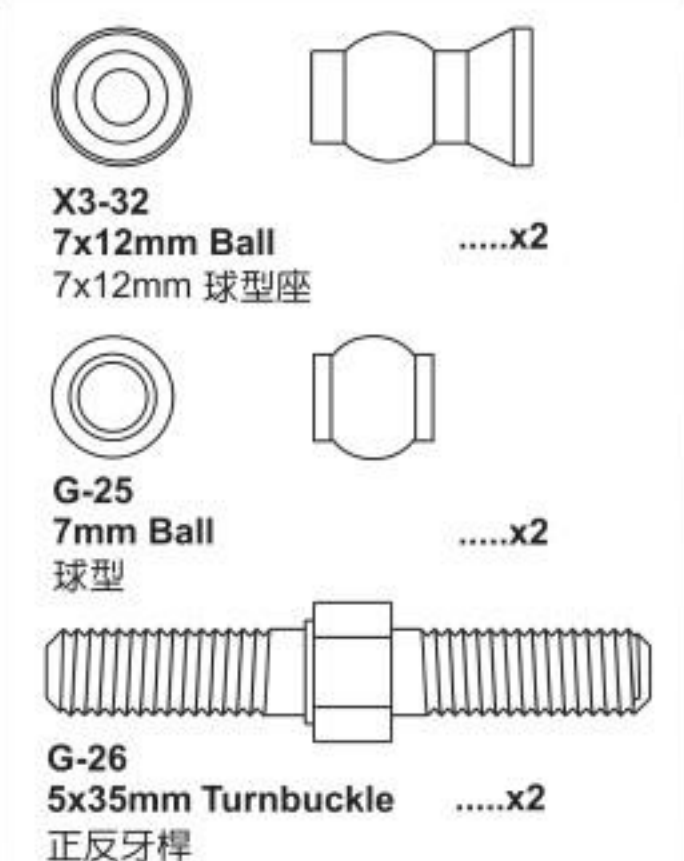
Note the locking direction!
注意鎖緊方向!



Anti-clockwise
逆時鐘反牙

Clockwise
順時鐘正牙

Anti-clockwise mark
反牙標記



X3-32
7x12mm Ball
7x12mm 球型座

.....x2

G-25
7mm Ball
球型

.....x2

G-26
5x35mm Turnbuckle
正反牙桿

.....x2

X3-32

X3-50

Anti-clockwise mark
反牙標記

G-26

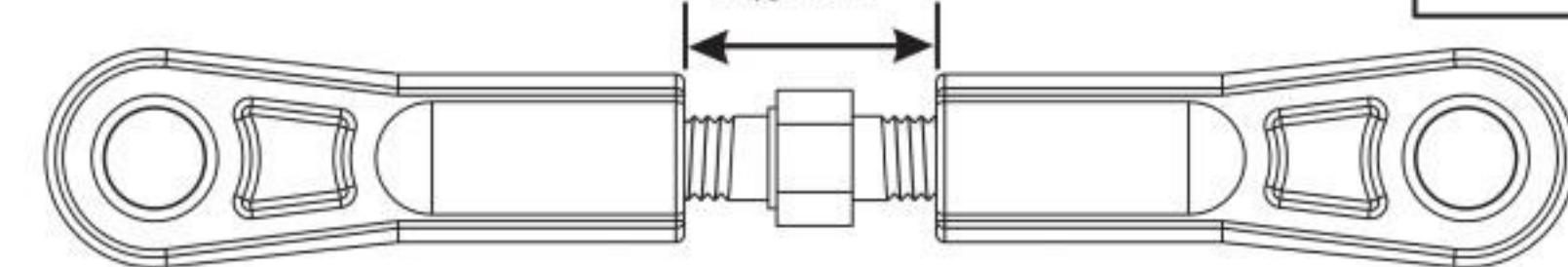
X3-50

G-25

1:1

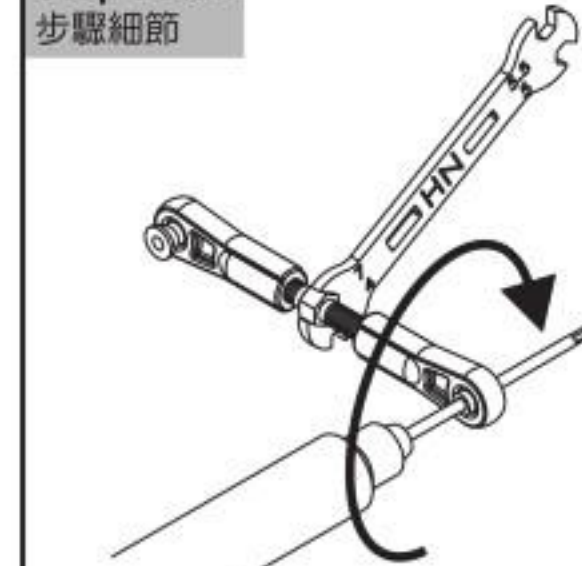
x2

Approx. 15mm
*約 15mm



Step detail

步驟細節



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

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



NO.2

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

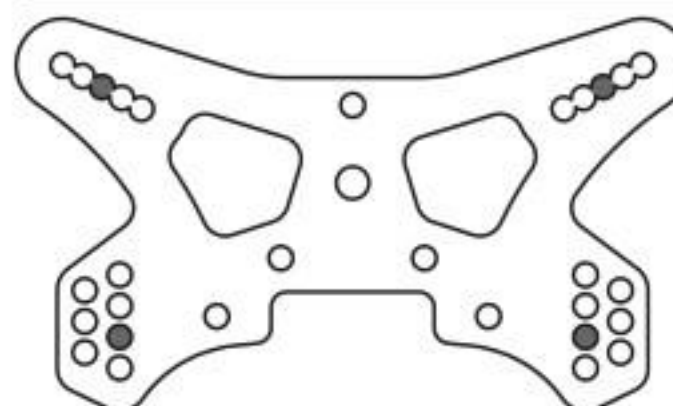
R

Right side
右側

Face the anti-clockwise mark to the gear case and
make oposite direction for easy adjustment.
反牙標記朝向齒輪箱並做簡易的調整。

SNN3

SB
3x16

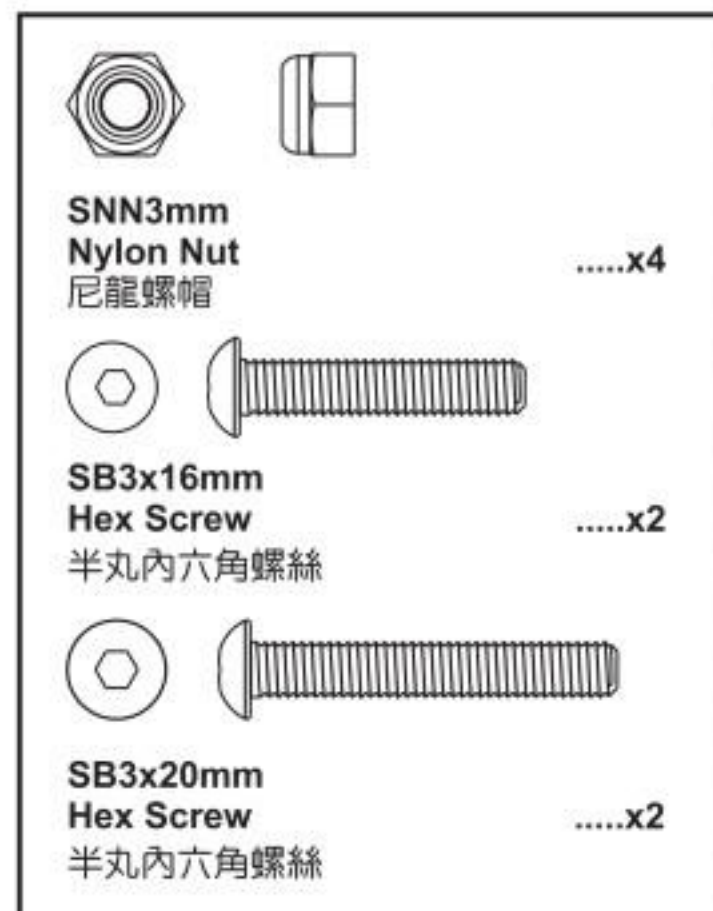


SNN3

SB3x20

L

LEFT SIDE
左側



SNN3mm
Nylon Nut
尼龍螺帽

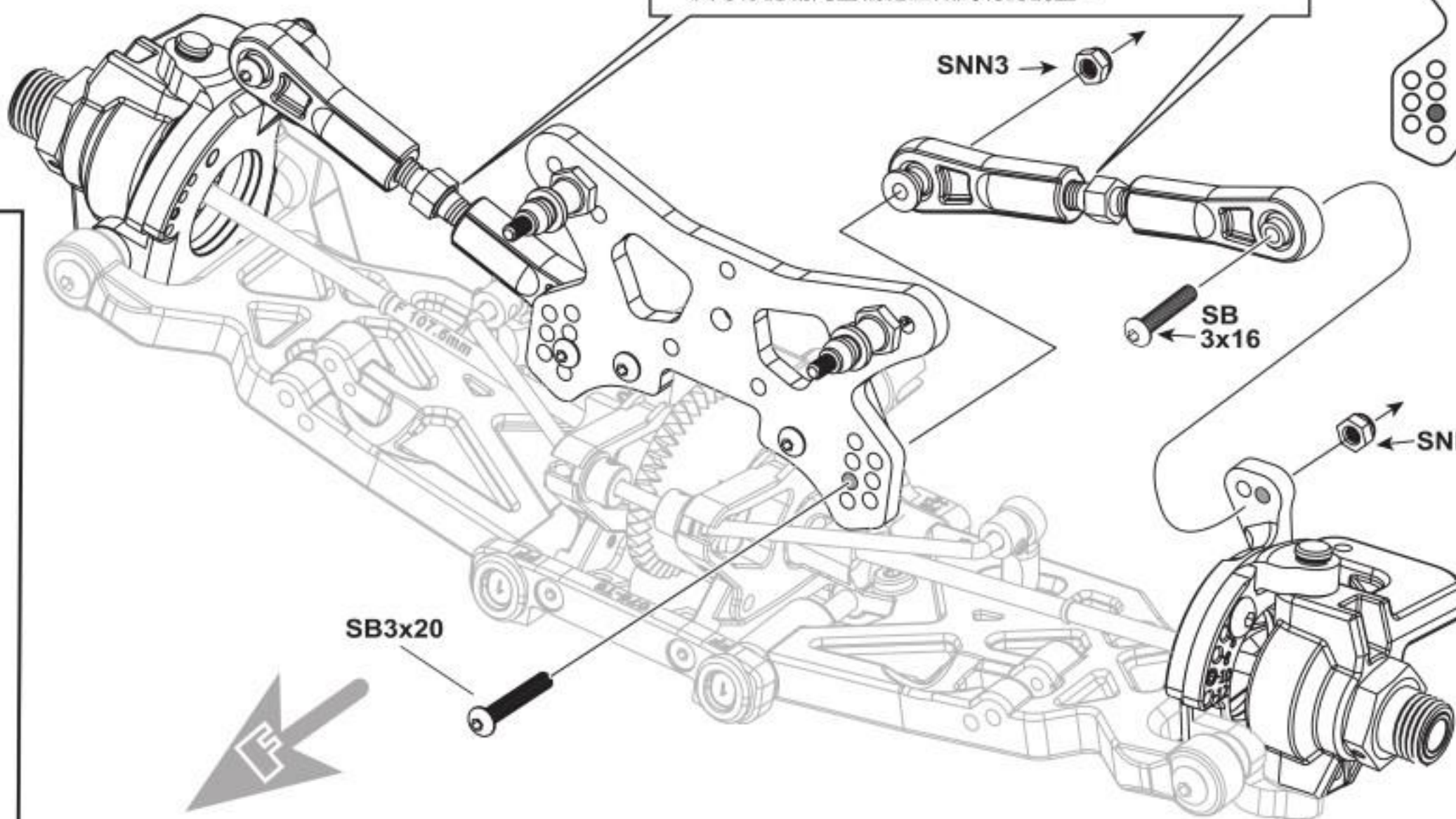
.....x4

SB3x16mm
Hex Screw
半丸內六角螺絲

.....x2

SB3x20mm
Hex Screw
半丸內六角螺絲

.....x2

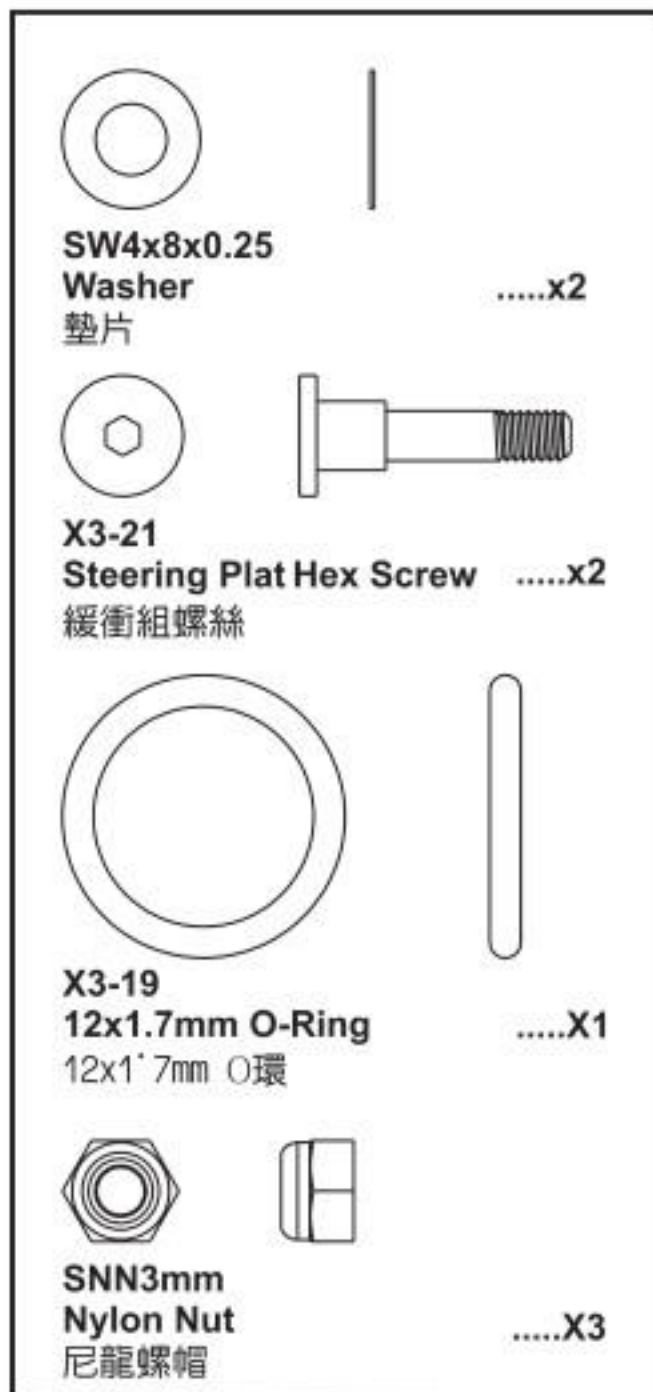


15 ASSEMBLY OF THE SERVO SAVER

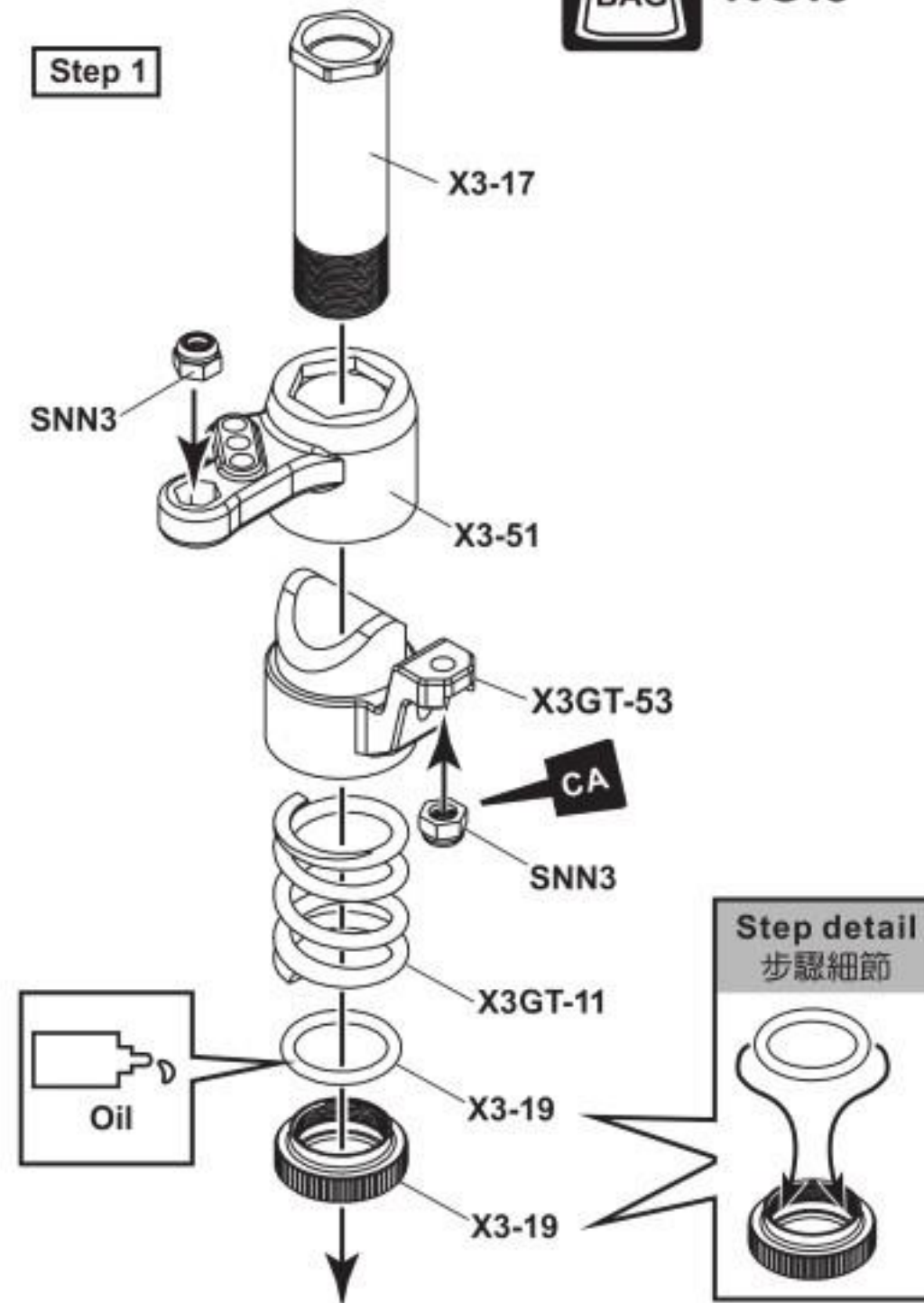
緩衝組組合



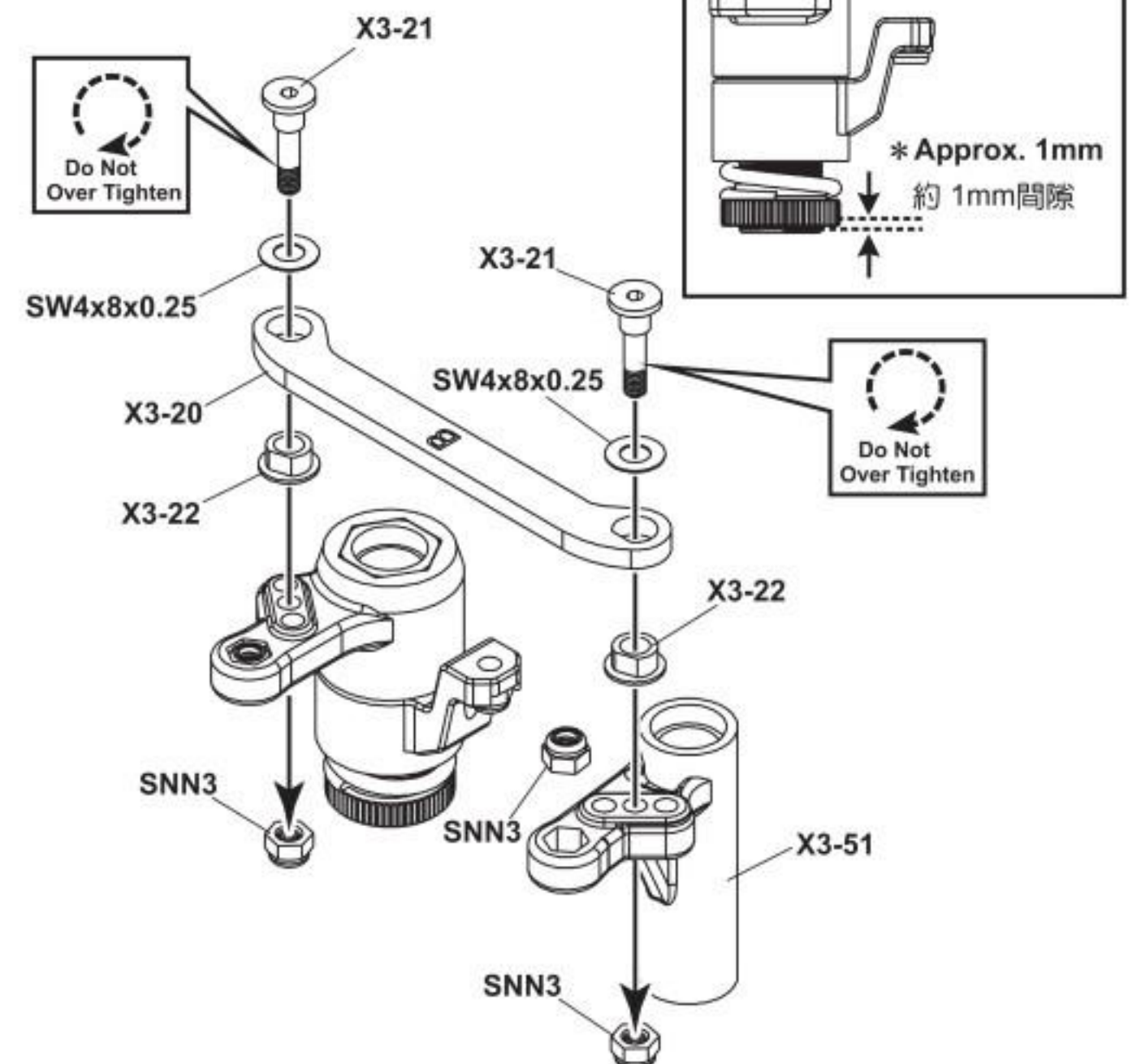
NO.3



Step 1



Step 2

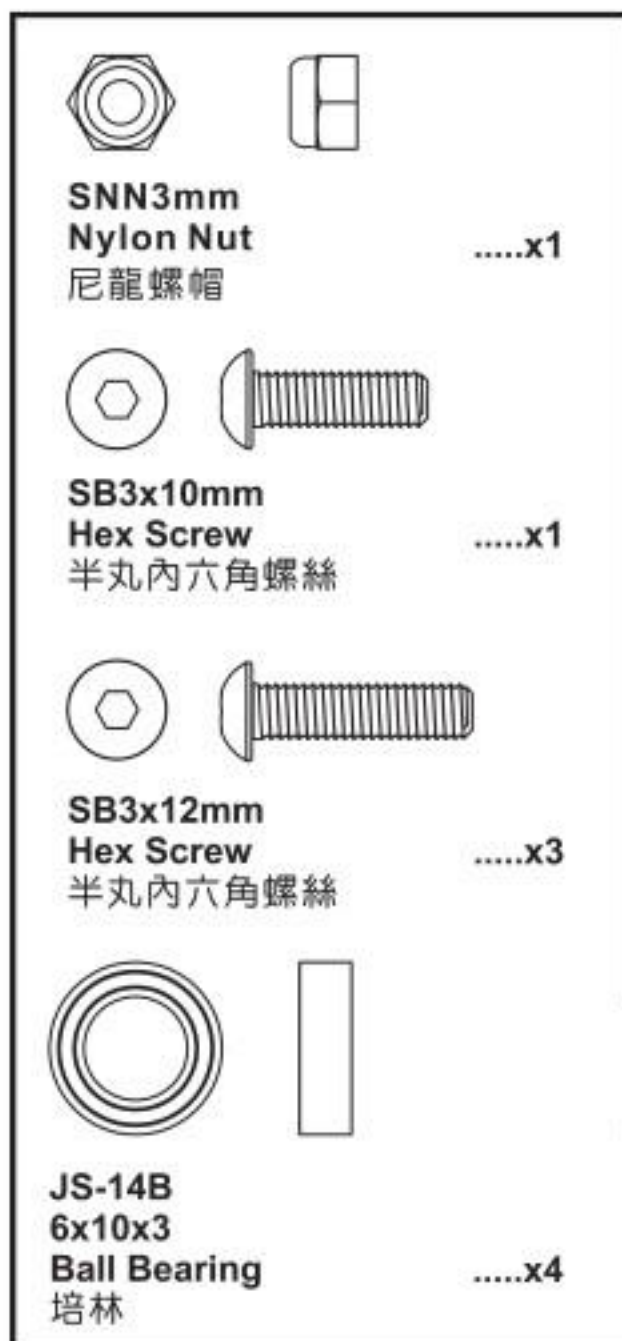


16 ASSEMBLY OF THE FRONT PLATE ONTO SERVO SAVER

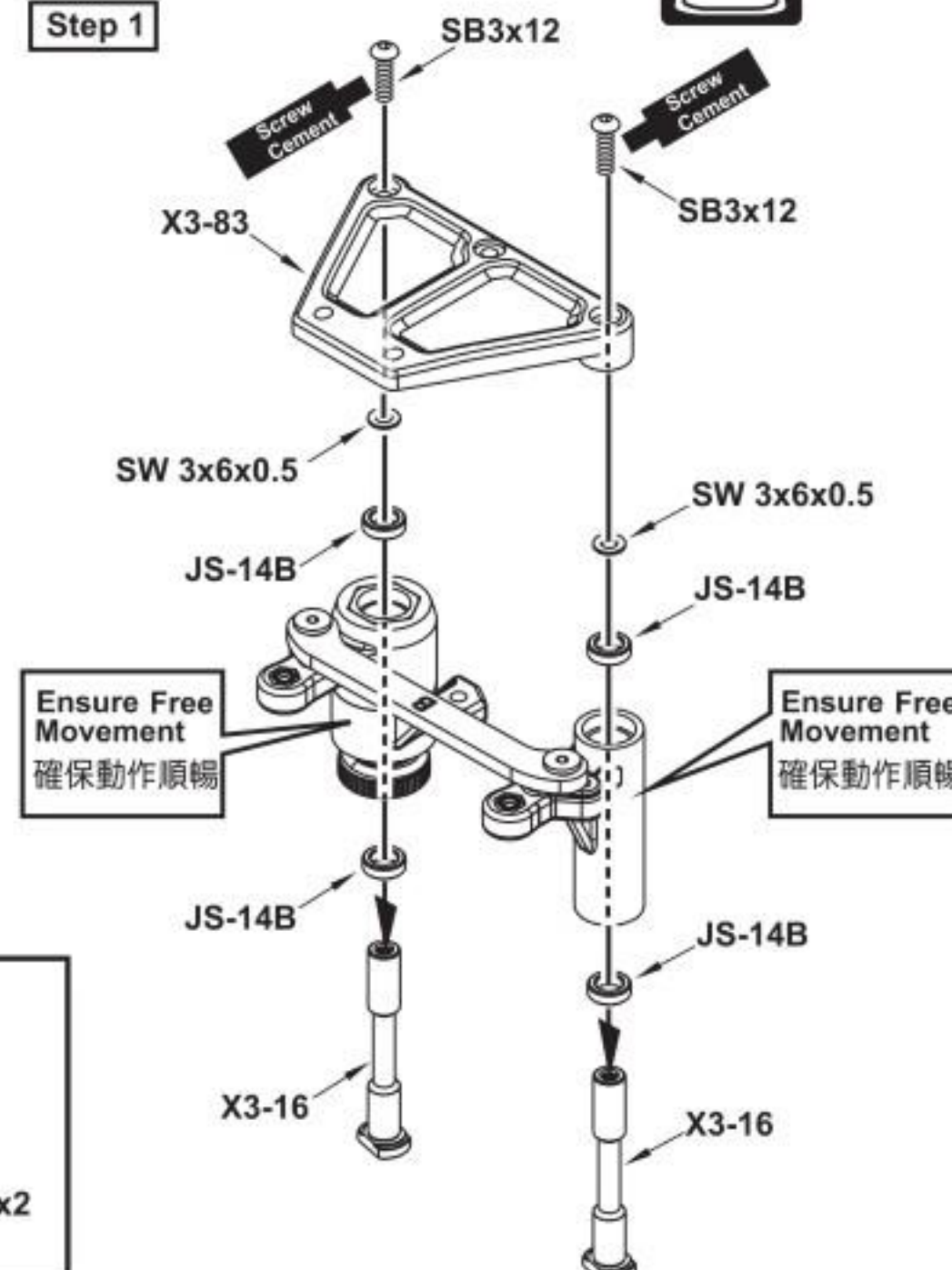
緩衝組與前三角板組合



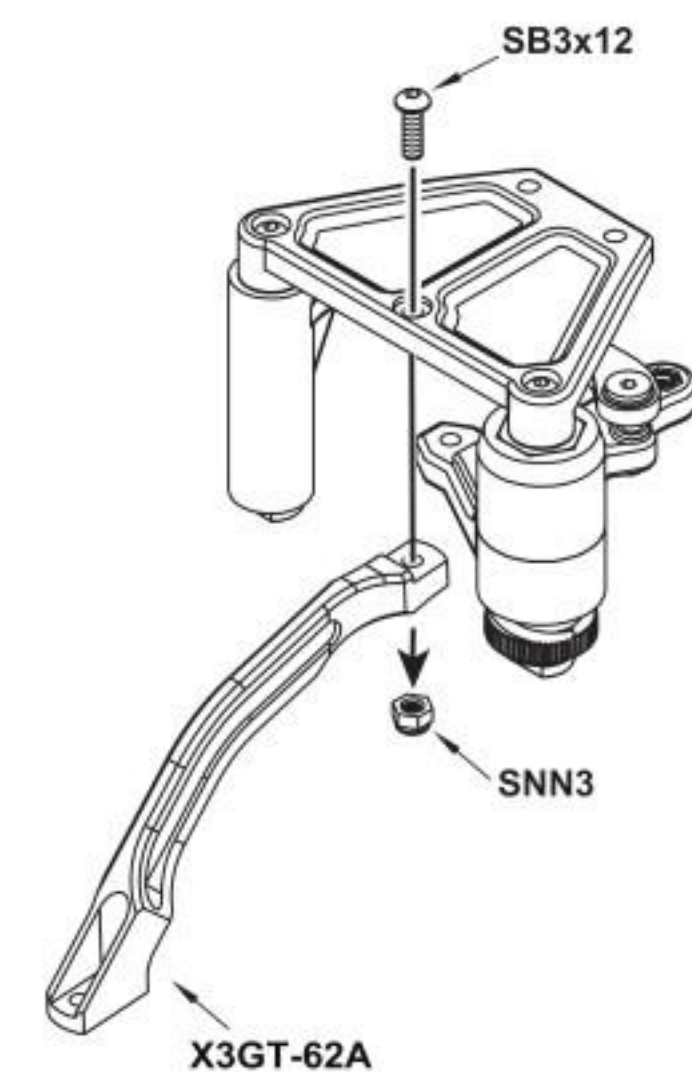
NO.3



Step 1



Step 2



17 ASSEMBLY OF THE STEERING TIE-ROD

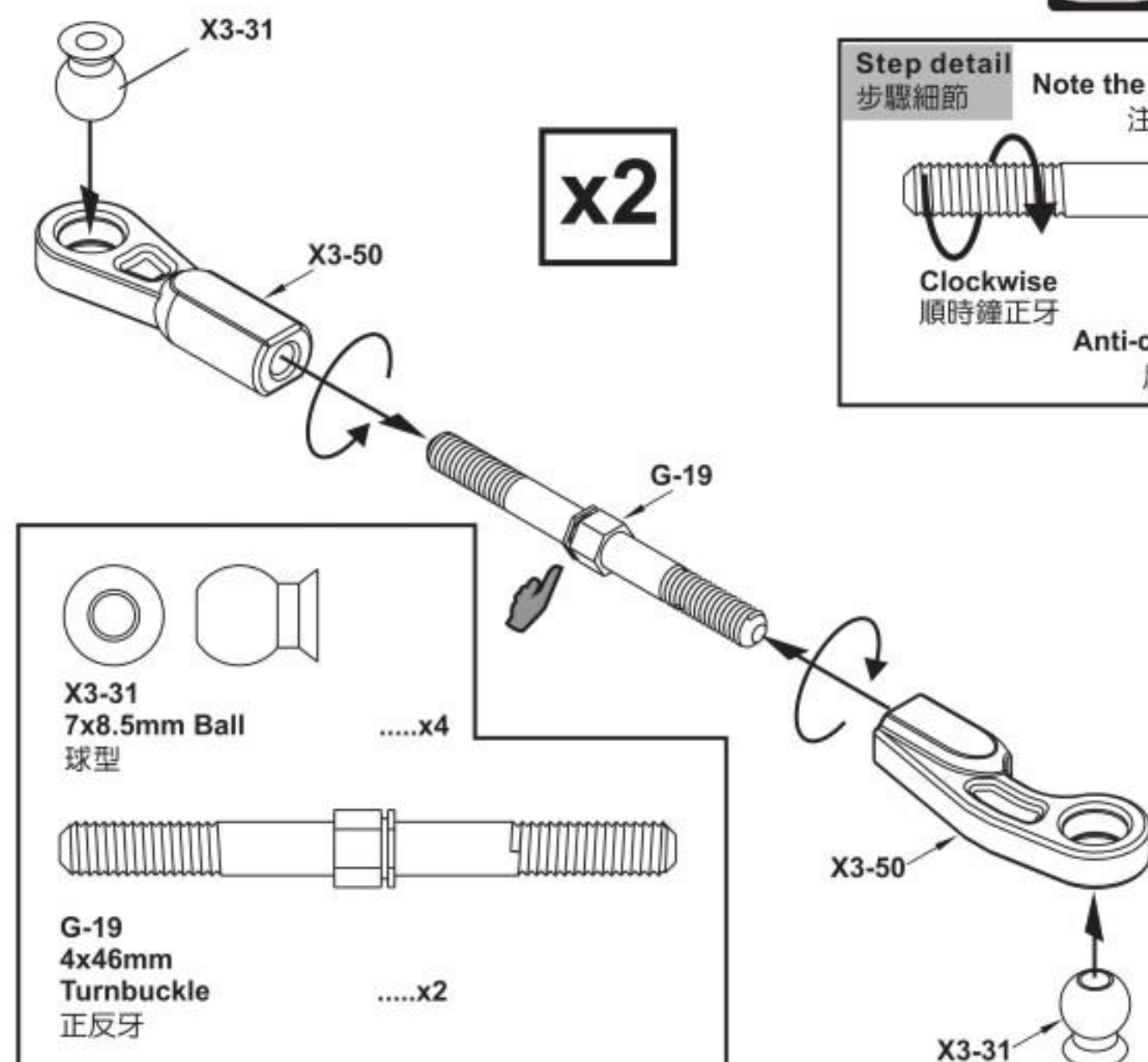
轉向拉組合



NO.2

NO.3

Make two steering rods for left and right hand sides. 請裝備左邊和右邊2支轉向拉。

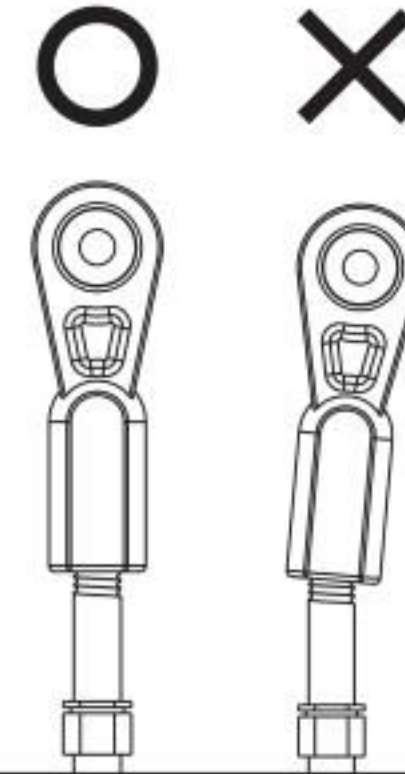


Step detail 步驟細節

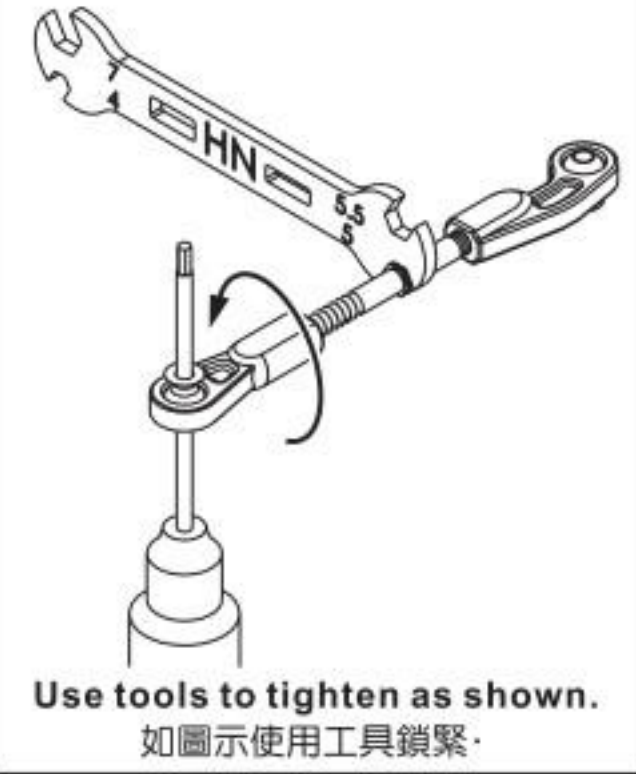
Note the locking direction! 注意鎖緊方向!



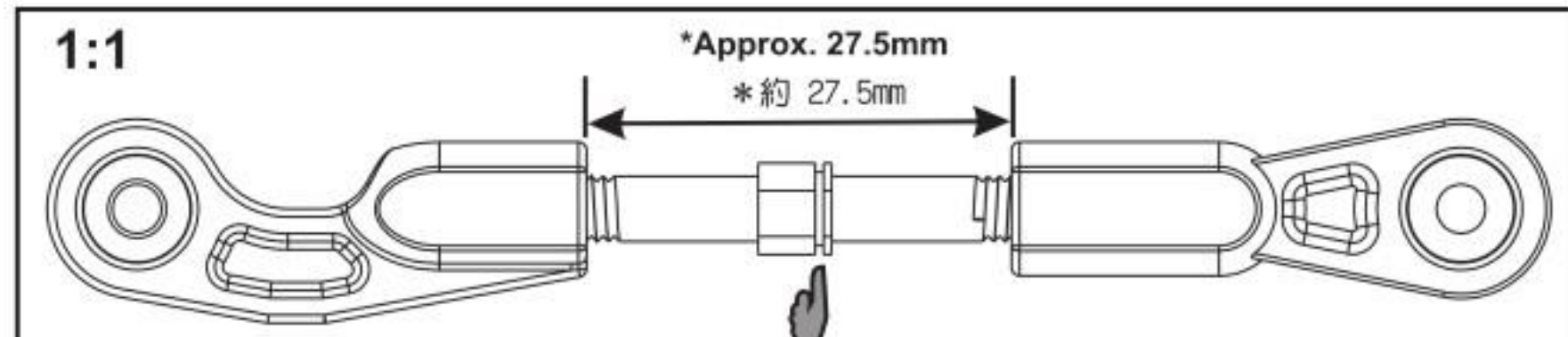
Step detail 步驟細節



Step detail 步驟細節



1:1



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

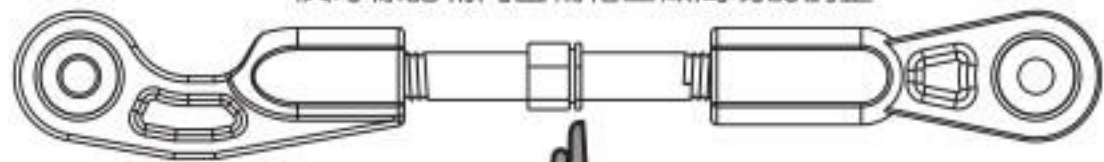


NO.3

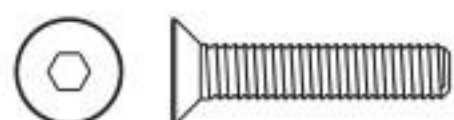
Step detail 步驟細節

Face the anti-clockwise mark to the gear case and make opposite direction for easy adjustment.

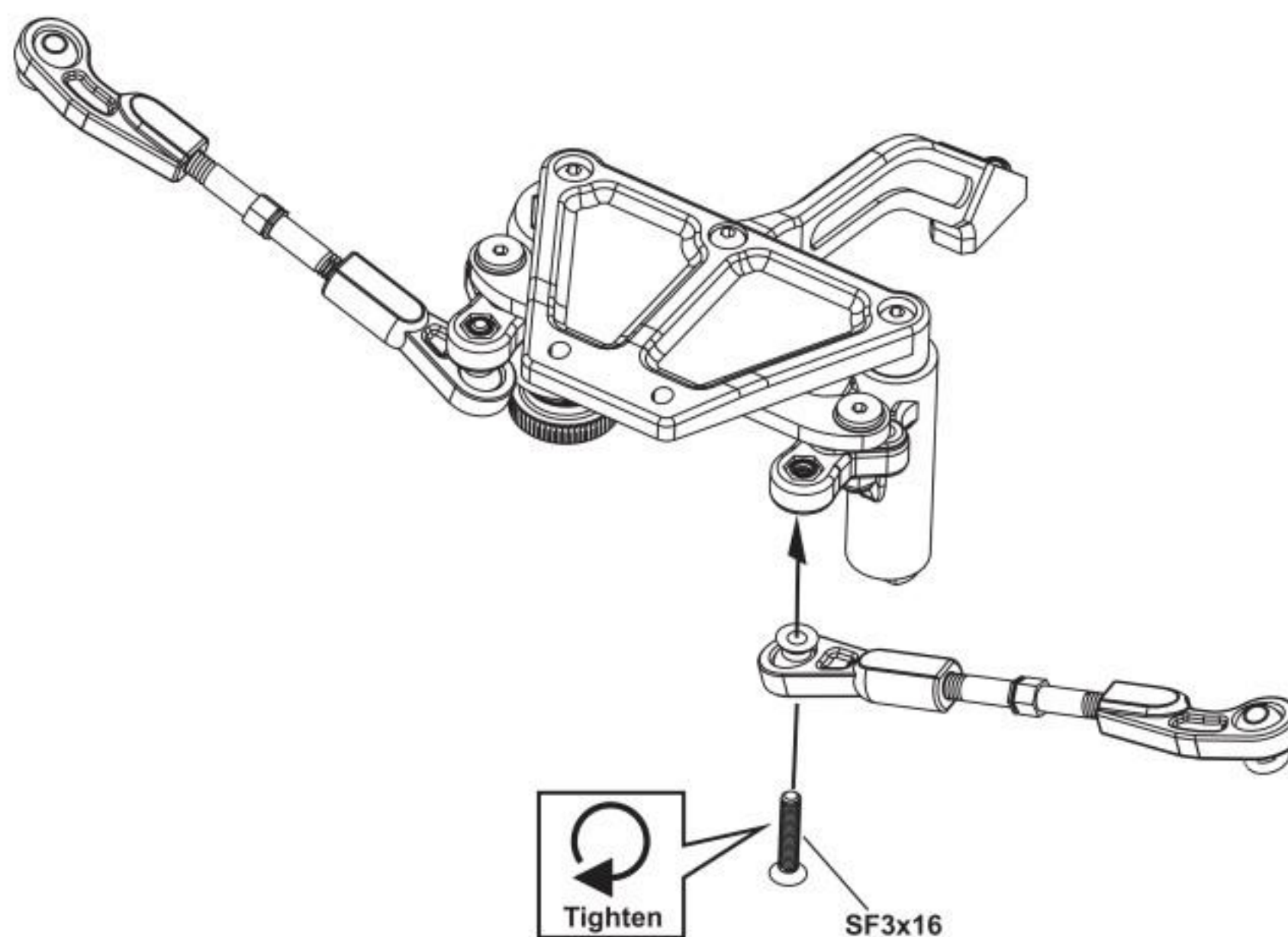
反牙標記朝向齒輪箱並做簡易的調整。



Anti-clockwise mark
反牙標記



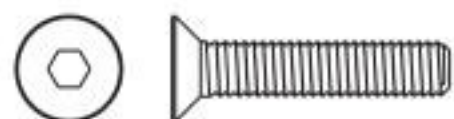
SF3x16mm
Flat Head Hex Screwx2
皿頭內六角螺絲



19 ASSEMBLY OF THE SERVO SAVER ONTO THE FRONT GEAR BOX 組合緩衝組至前齒輪箱



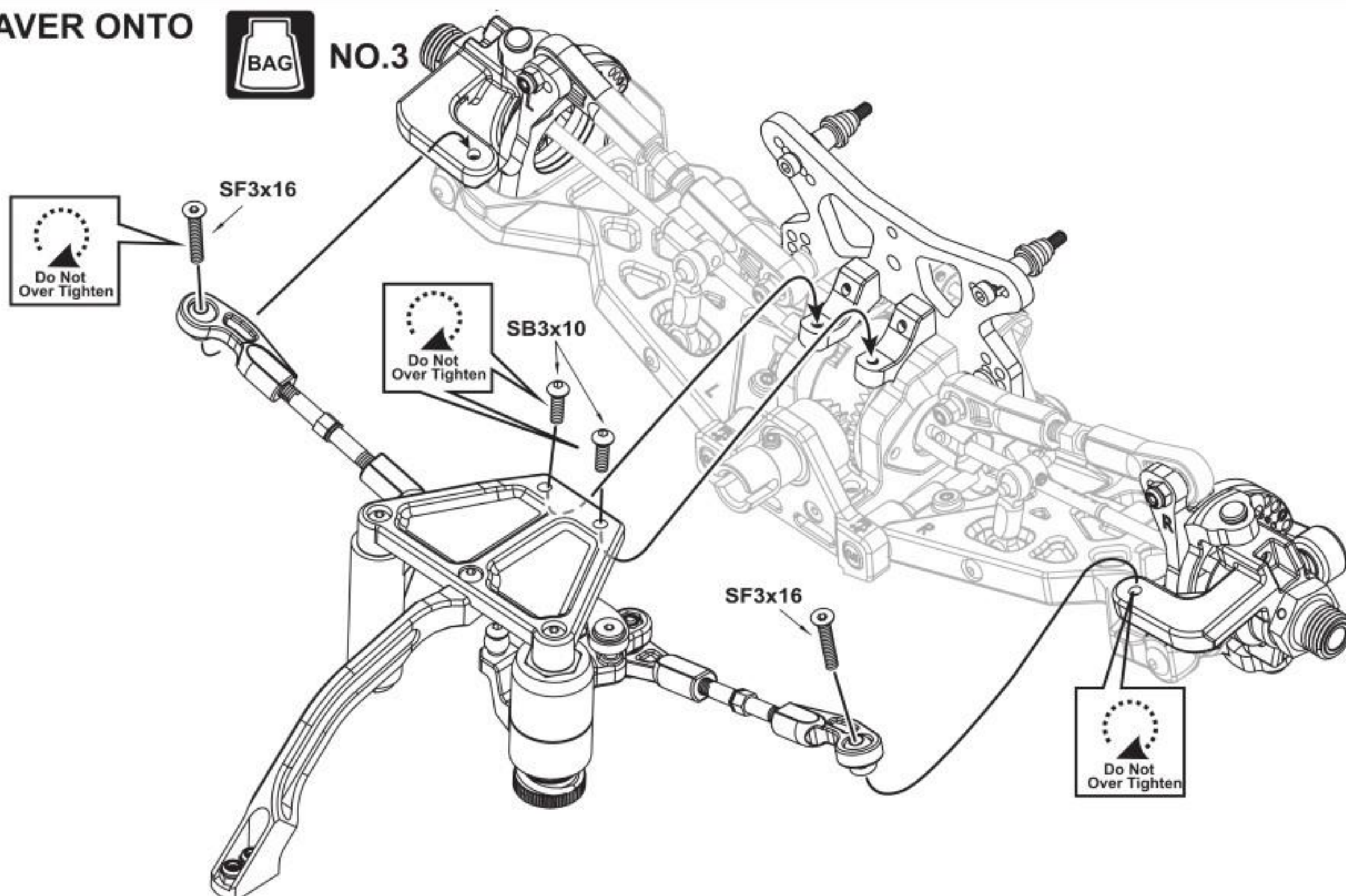
NO.3



SF3x16mm
Flat Head Hex Screwx2
皿頭內六角螺絲



SB3x10mm
Hex Screwx2
半丸內六角螺絲



20 ASSEMBLY OF THE REAR PINION GEAR AND CVD SHAFT 後小傘齒與CVD傳動軸組合



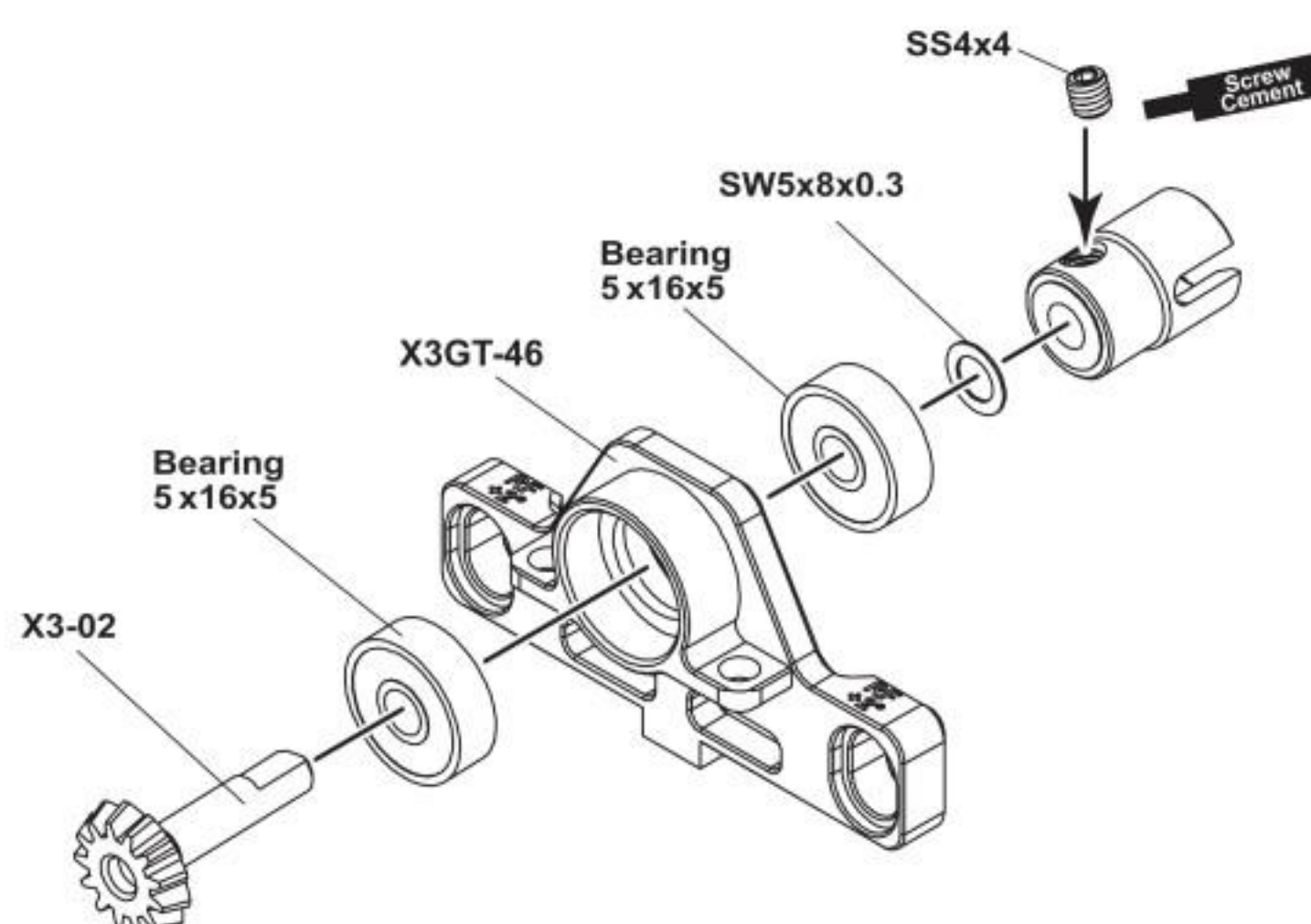
NO.4



SW5x8x0.3mm
Washerx1
墊片



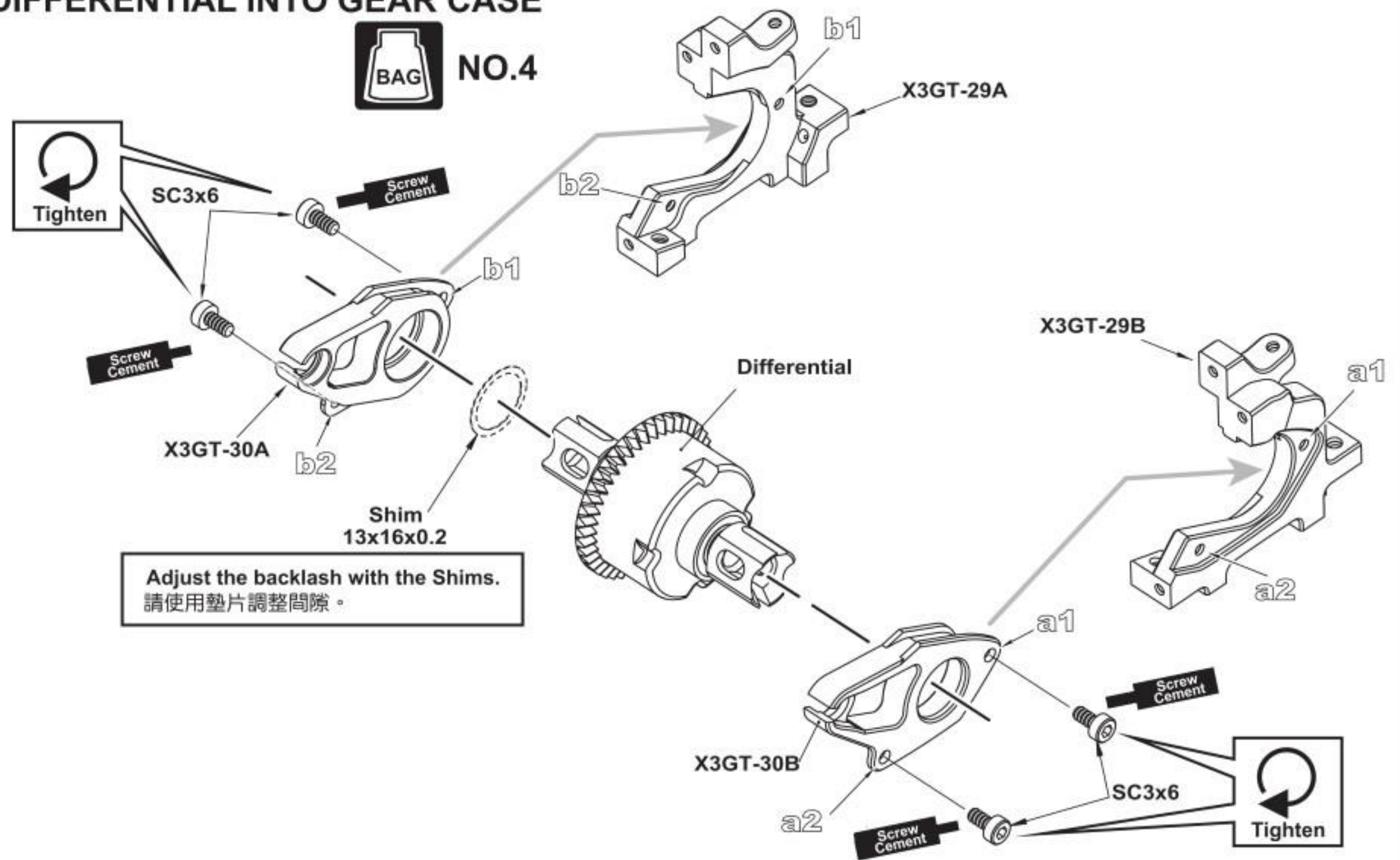
SS4x4mm
Set Screwx1
止付螺絲



21 ASSEMBLY OF THE REAR DIFFERENTIAL INTO GEAR CASE

差速器及後齒輪箱組合

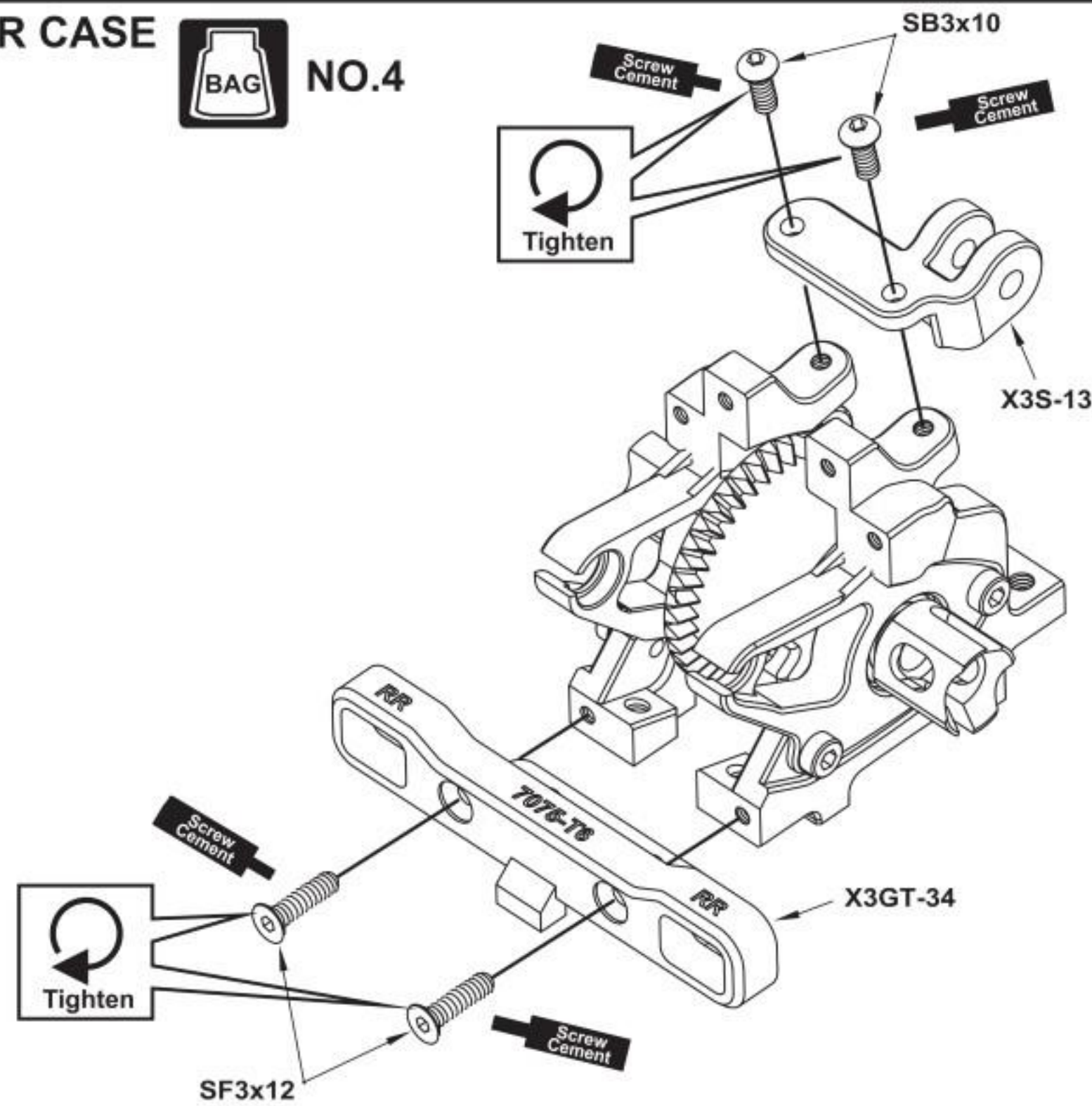
BAG NO.4



22 ASSEMBLY OF THE REAR GEAR CASE

後齒輪箱組合

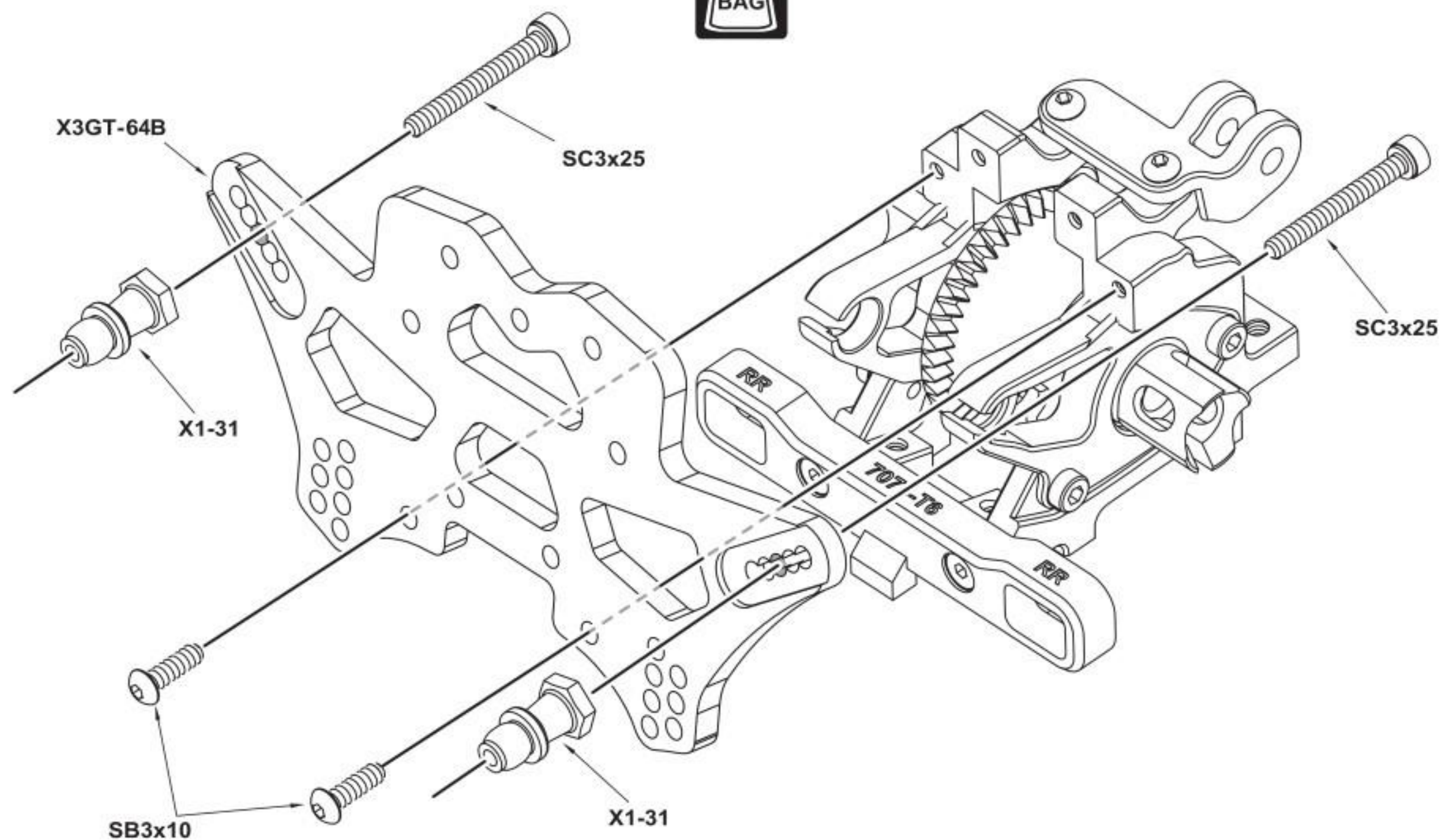
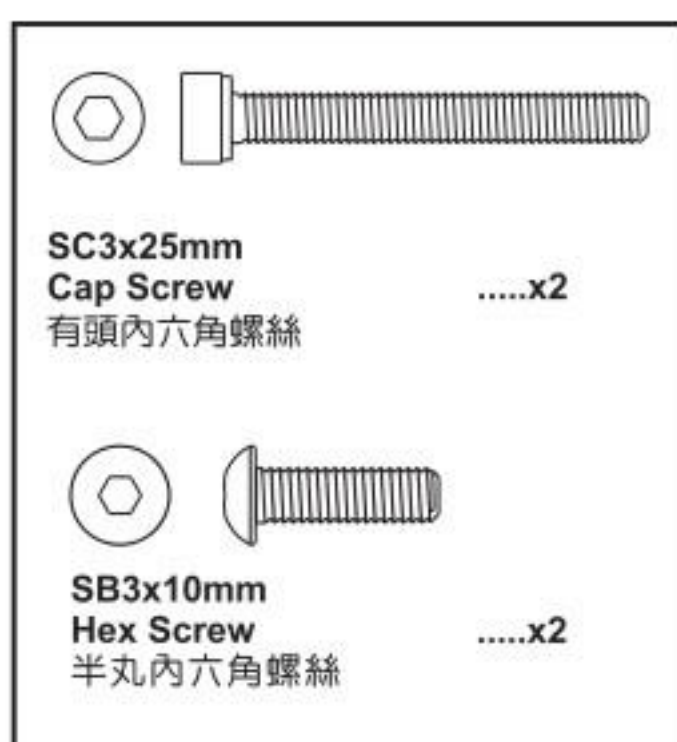
BAG NO.4



23 ASSEMBLY OF THE REAR SHOCK TOWER ONTO GEAR CASE

後油壓架與後齒輪箱組立

BAG NO.4

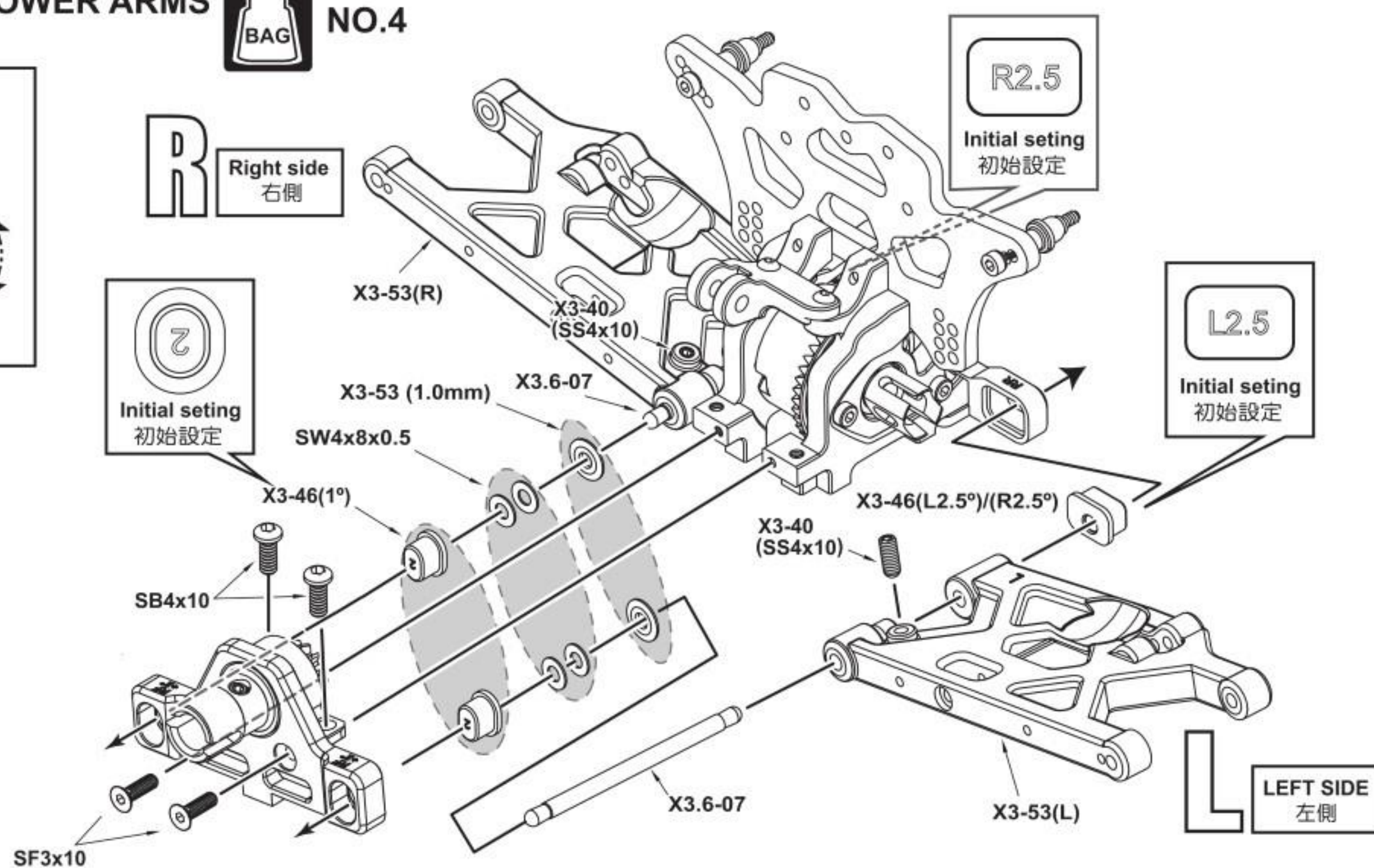


24 ASSEMBLY OF THE REAR LOWER ARMS 後下擺臂組合



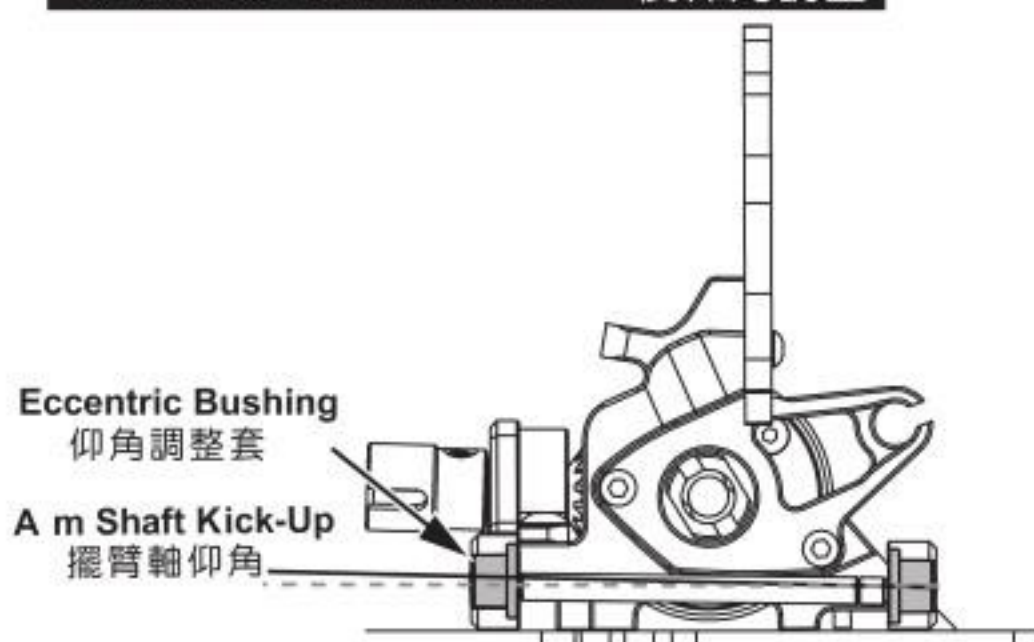
NO.4

Step detail
步驟細節

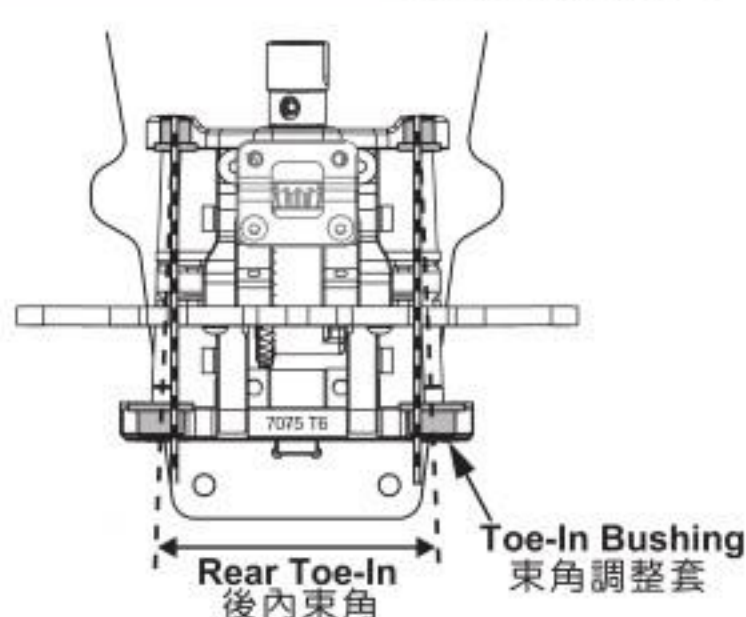


25 REAR KICK-UP (RF) & REAR TOE-IN (RR) SETTING 後仰角與後內束角調整

REAR KICK-UP SETTING 後仰角調整



REAR TOE-IN SETTING 後內束角調整



Rear Kick-Up 後仰角	Characteristics 特性
Less Rear Kick-Up 較少的後仰角	- 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	- 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°
2 (Reverse) (反置)	1°
1.5 (Reverse) (反置)	0.5°
1 (Reverse) (反置)	0°

Rear Toe-In 後內束角	Characteristics 特性
Less Rear Toe-In 較少的後內束角	- 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	- 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。

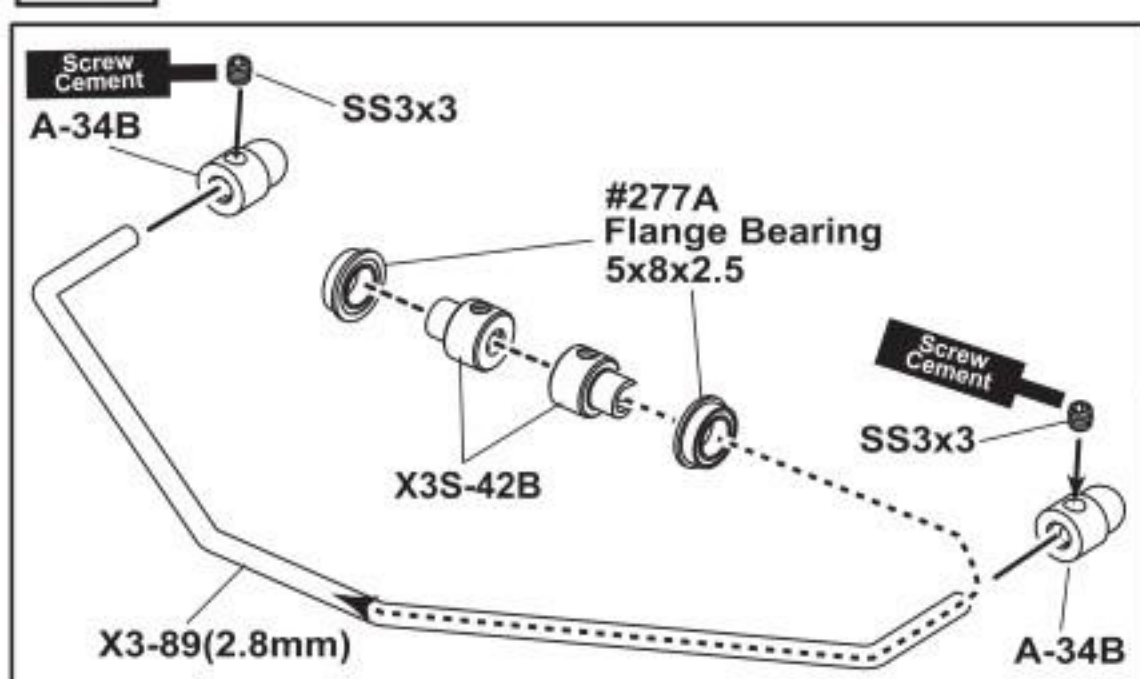
RR	Rear Toe-In 後內束角
L3.5 R3.5	3.5°
L3.3 R3.3	3.3°
L3 R3	3°
L2.5 R2.5	2.5°
L2 R2	2°

26 ASSEMBLY OF THE REAR STABILIZER 後平衡桿組合

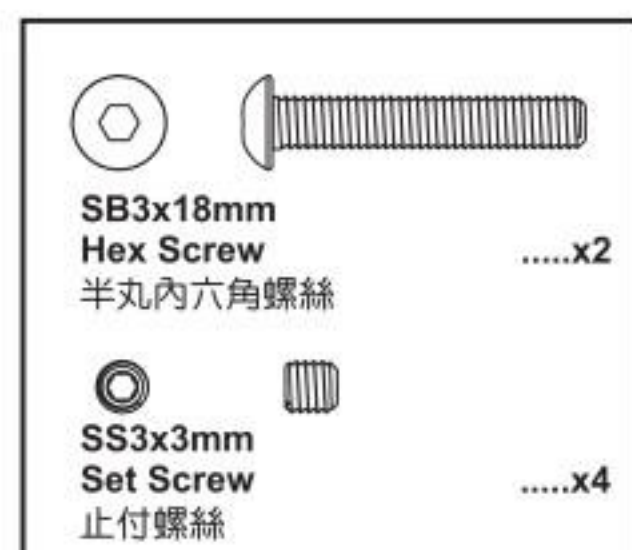
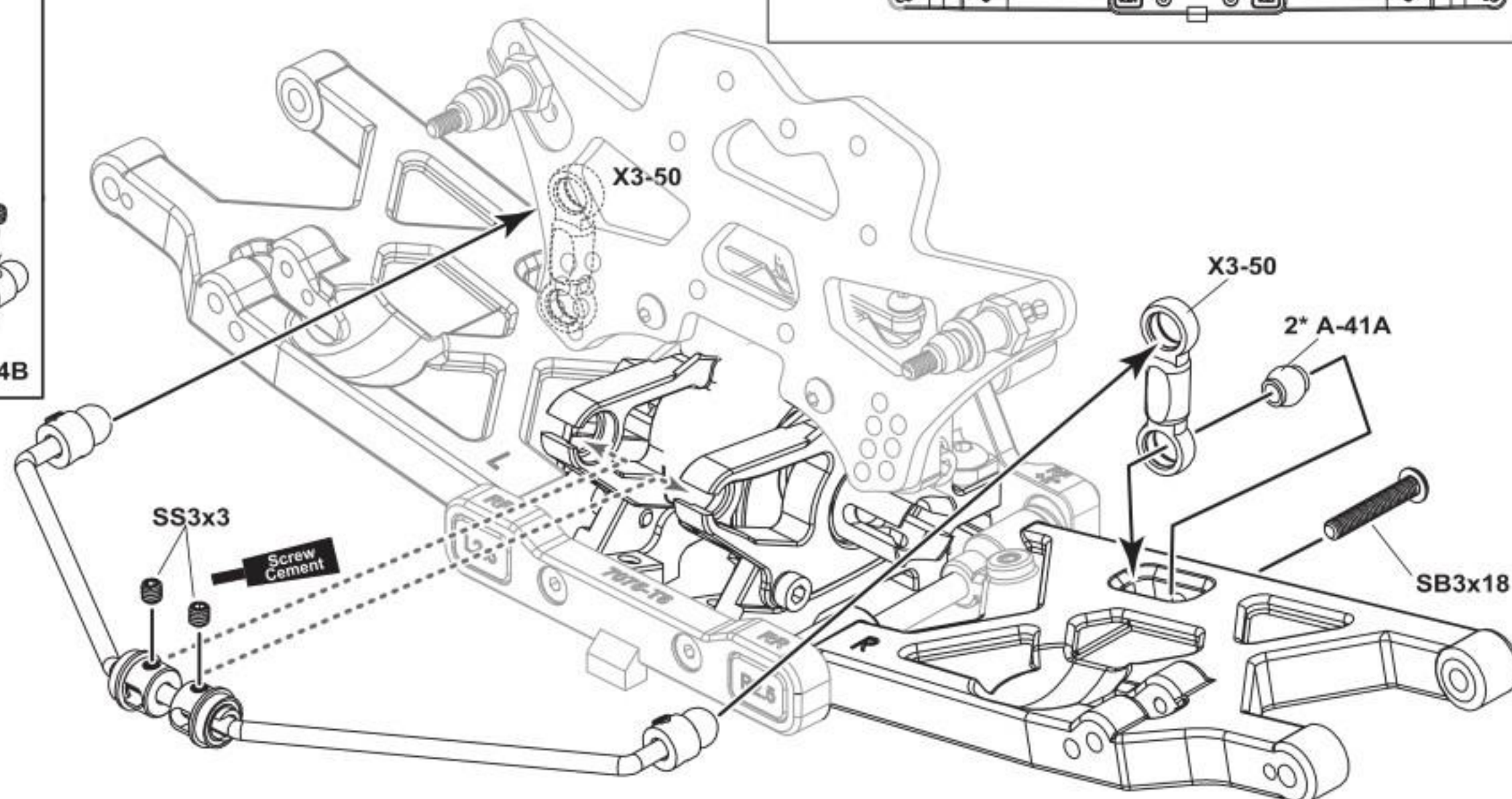


NO.4

Step 1

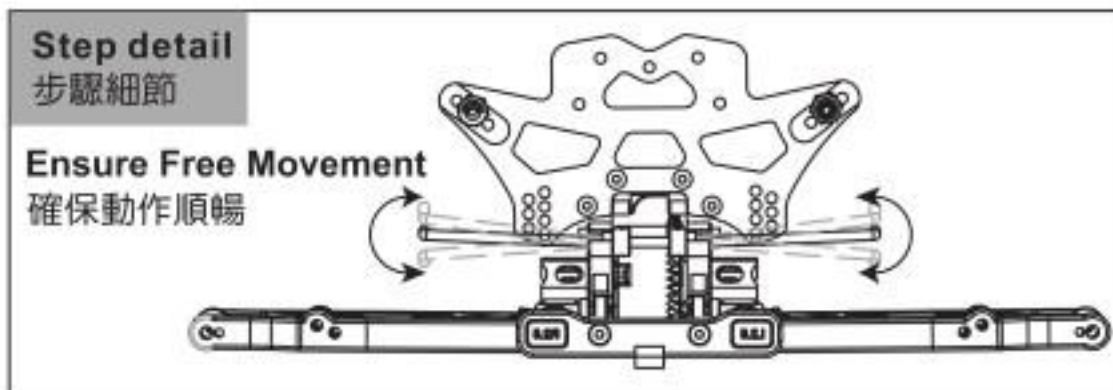


Step 2



Step detail
步驟細節

Ensure Free Movement
確保動作順暢



27 ASSEMBLY OF THE REAR WHEEL HUBS

後輪座組合



NO.4

X3S-48B

X3-35 (Pin2.5x12.8)

X3-05A

X3-06

X3-07

X3-62 (Bearing13x20x4)

X3S-48A(R)

#267D (Bearing8x16x5)

X3S-15BK

#267E (Pin2.5x16.8)

SS4x4

LIFT SIDE
左側

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

X3-35
2.5x12.8mm Pin
滾針x2

#267E
2.5x16.8mm Pin
滾針x2

4x4mm
Set Screw
.....x2

SB3x6mm
Hex Screw
半丸內六角螺絲x8

28 ASSEMBLY OF THE REAR SUSPENSION ARMS

後懸吊系統組合

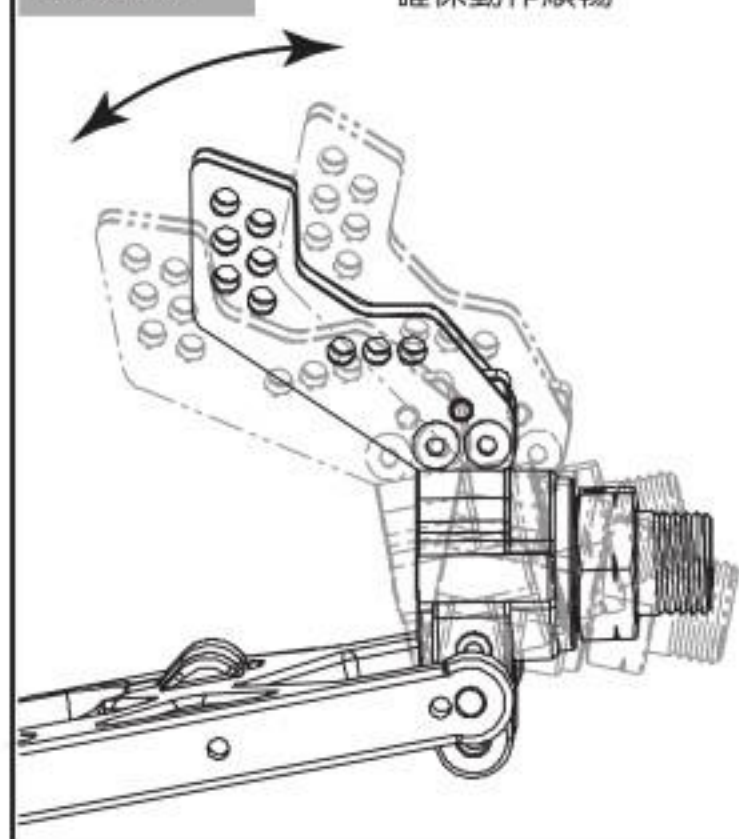


NO.4

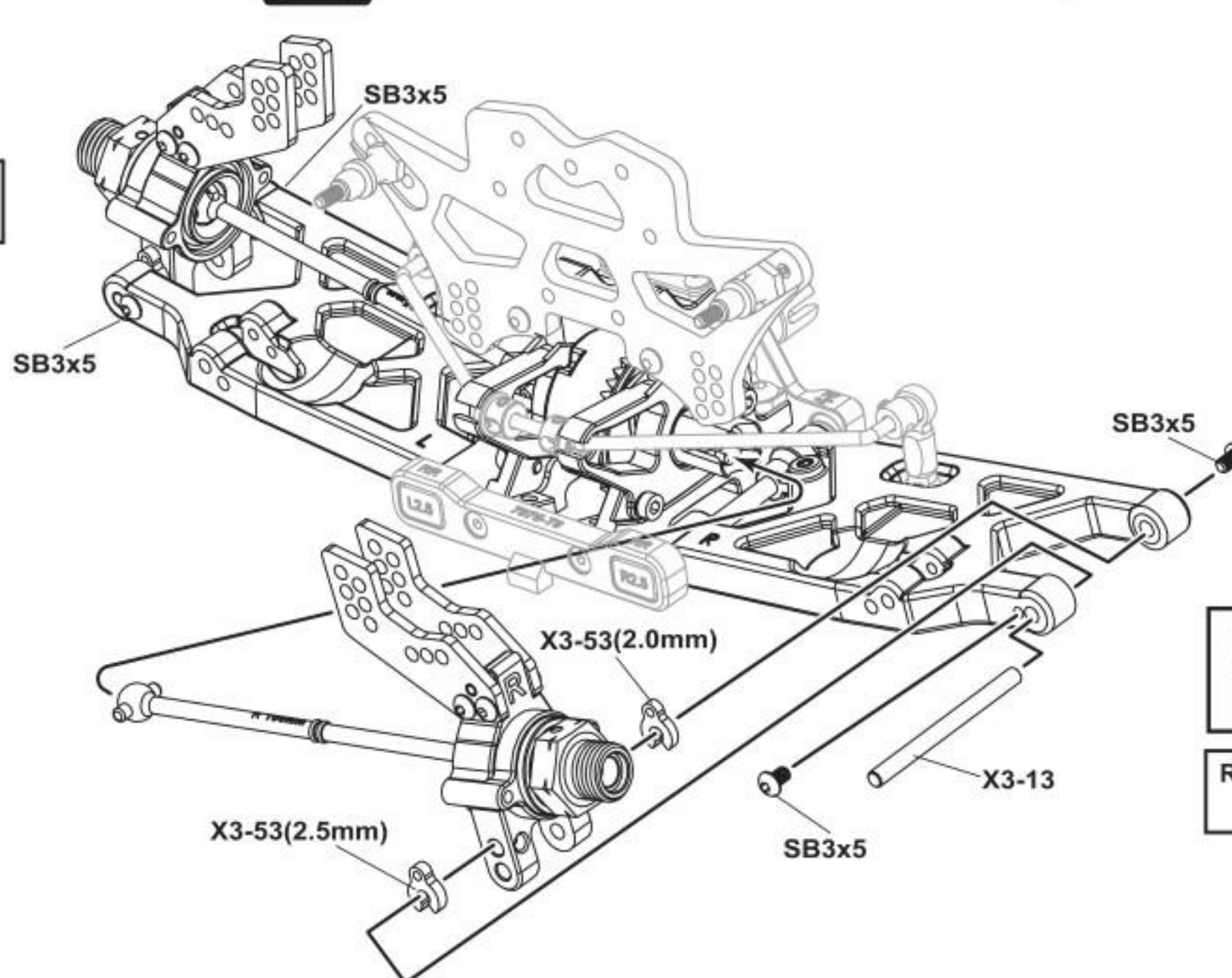
Assemble both right and left sides.
請組合左/右兩側。

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 Screw
半丸內六角螺絲x4

29 ASSEMBLY OF THE REAR UPPER ARMS

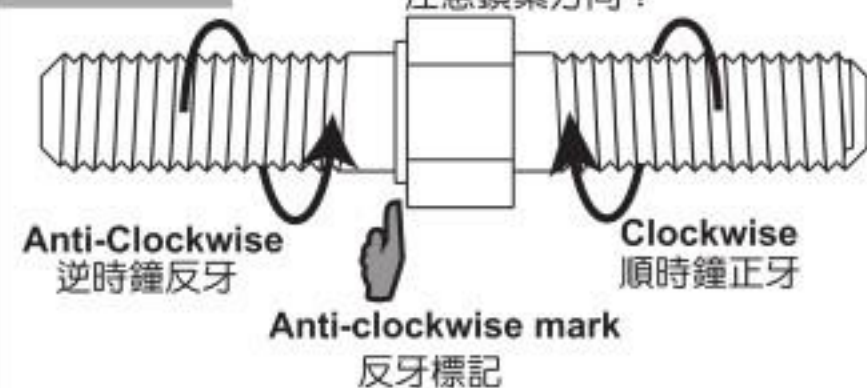
後上擺臂組合



NO.4

Step detail
步驟細節

Note the locking direction!
注意鎖緊方向!



X3-32
7x12mm Ball
7x12mm 球型座x2

G-25
7mm Ball
球型x2

G-26
5x35mm Turnbuckle
正反牙桿x2

X3-32

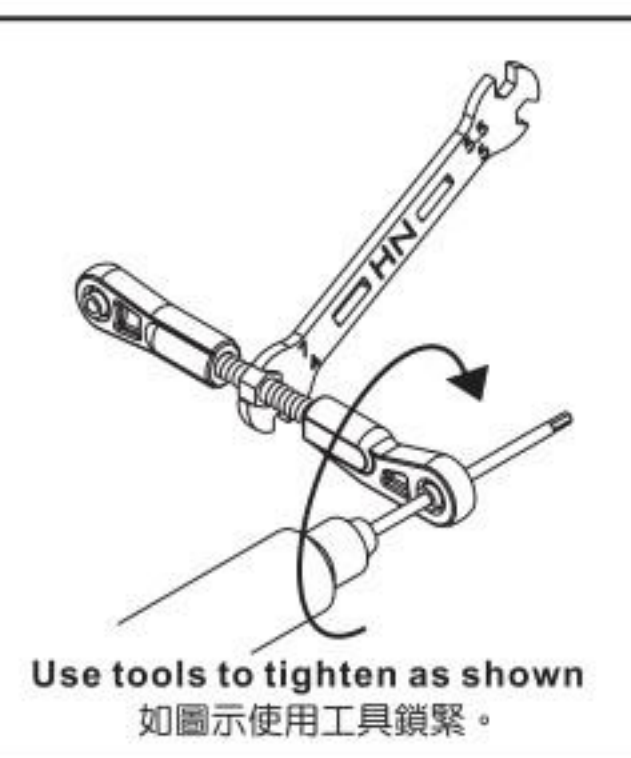
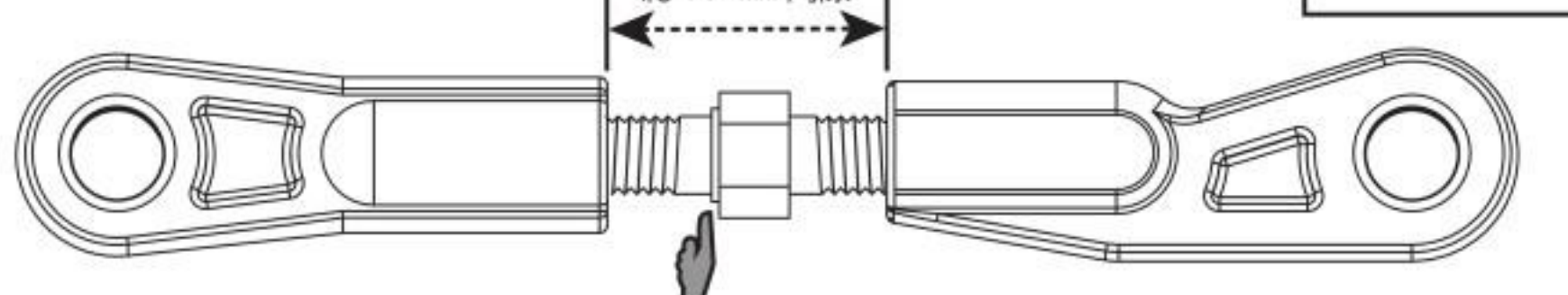
X3-50

G-26

x2

1:1

* Approx. 18 mm
約 18 mm 間隙



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

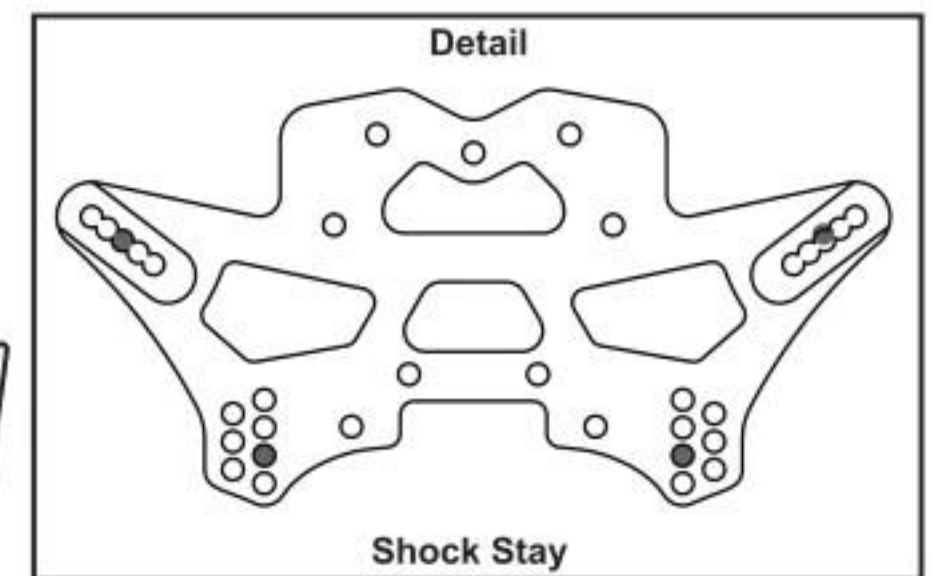


NO.4

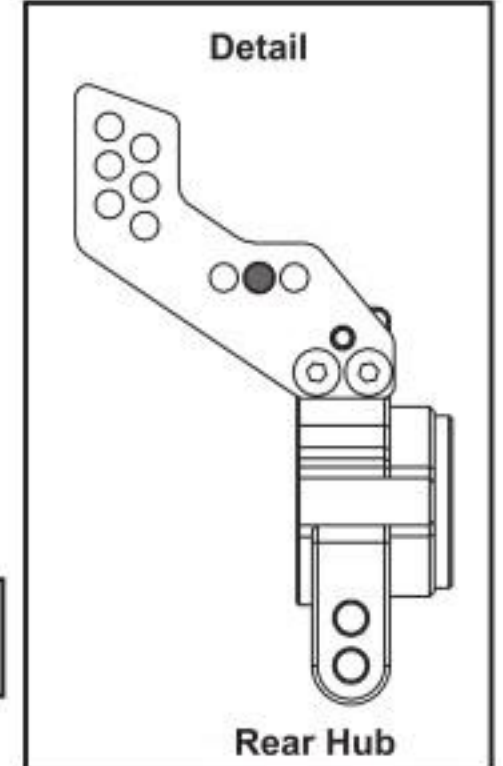
LEFT SIDE
左側

Face the anti-clockwise mark to the gear case and make oposite direction for easy adjustment.
反牙標記朝向齒輪箱並做簡易的調整。

SNN3



Shock Stay



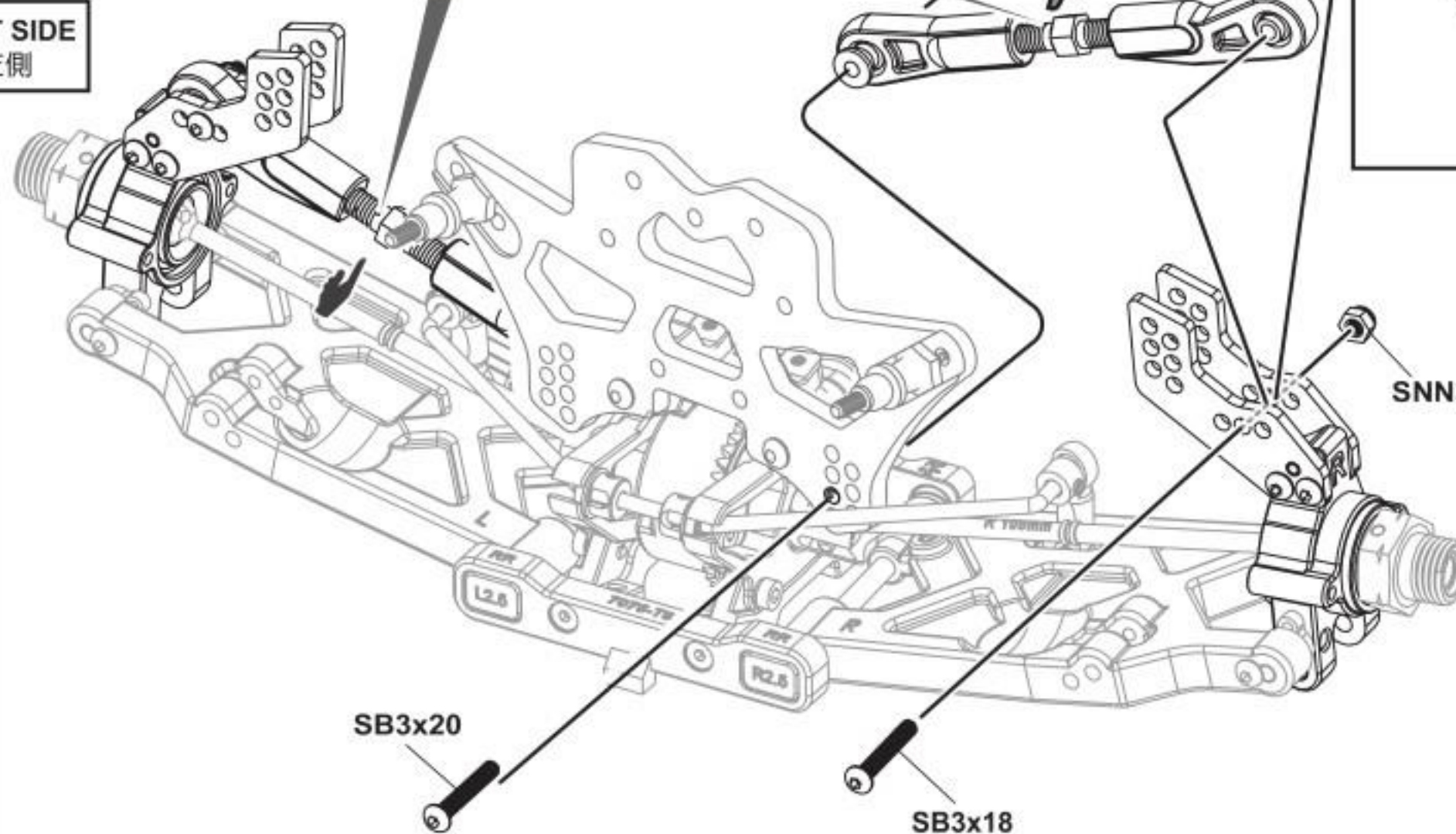
Detail

Rear Hub

R

Right side
右側

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



31 ASSEMBLY OF THE REAR CENTER BRACE

後中央補強桿組合



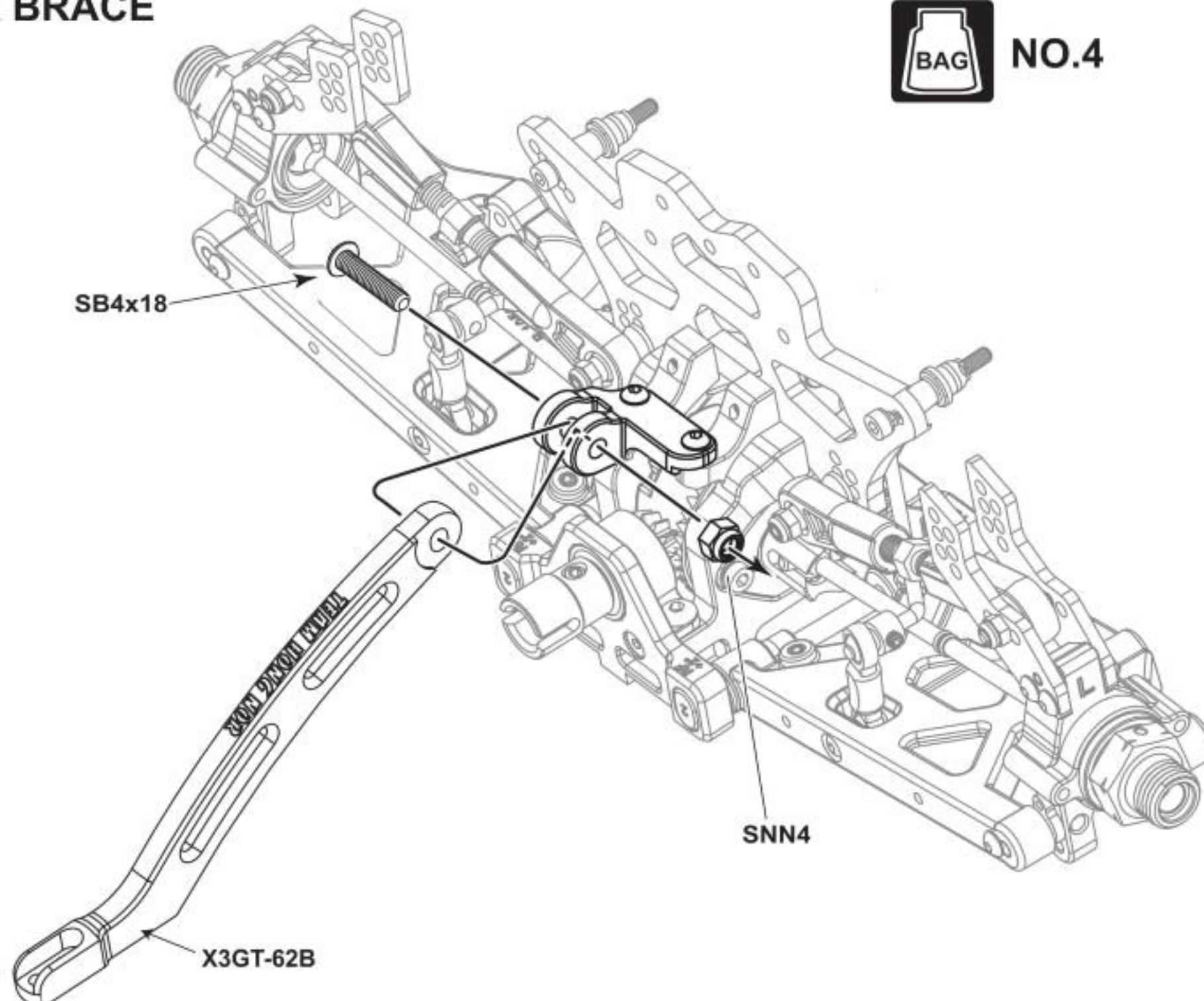
NO.4



SB4x18

SNN4

X3GT-62B



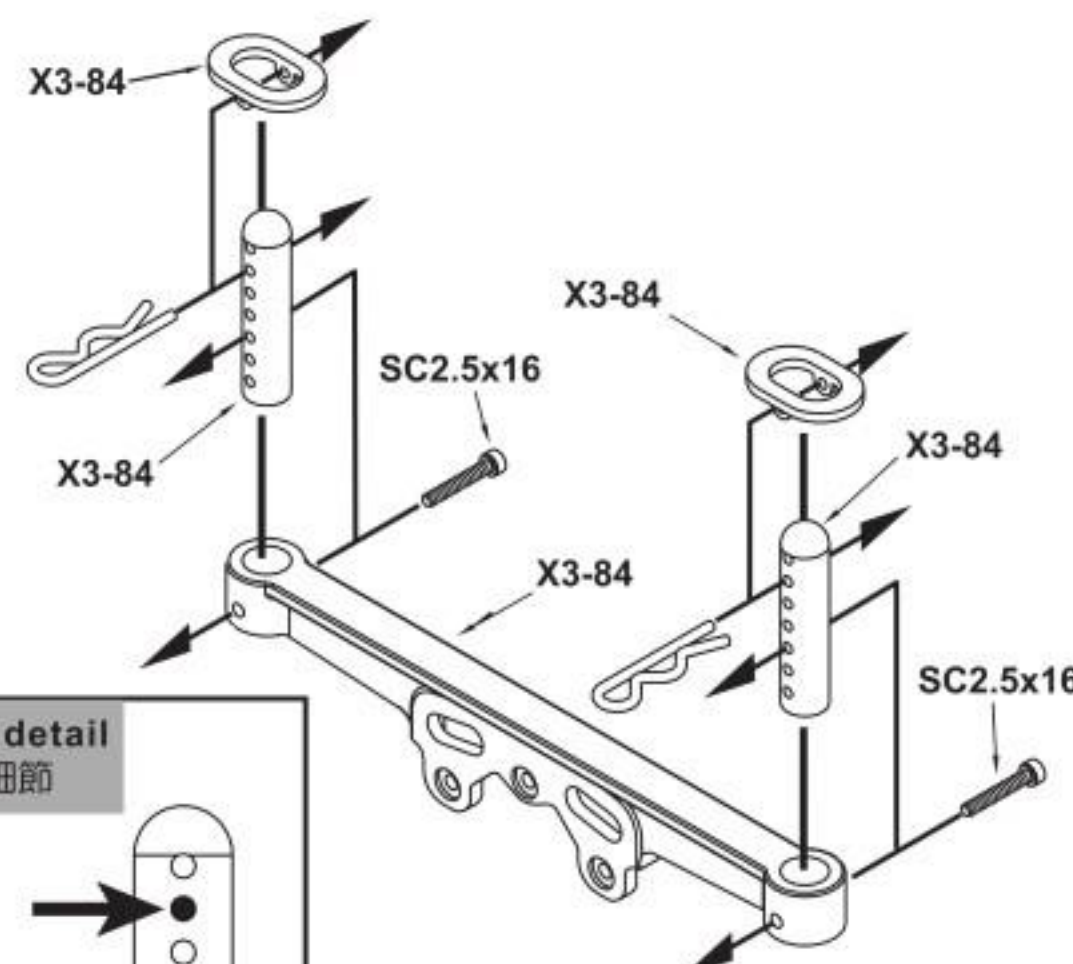
32 ASSEMBLY OF THE REAR BODY POST

後車殼柱組合

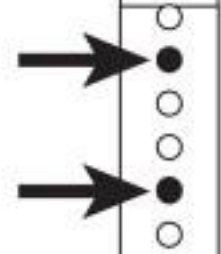


NO.8

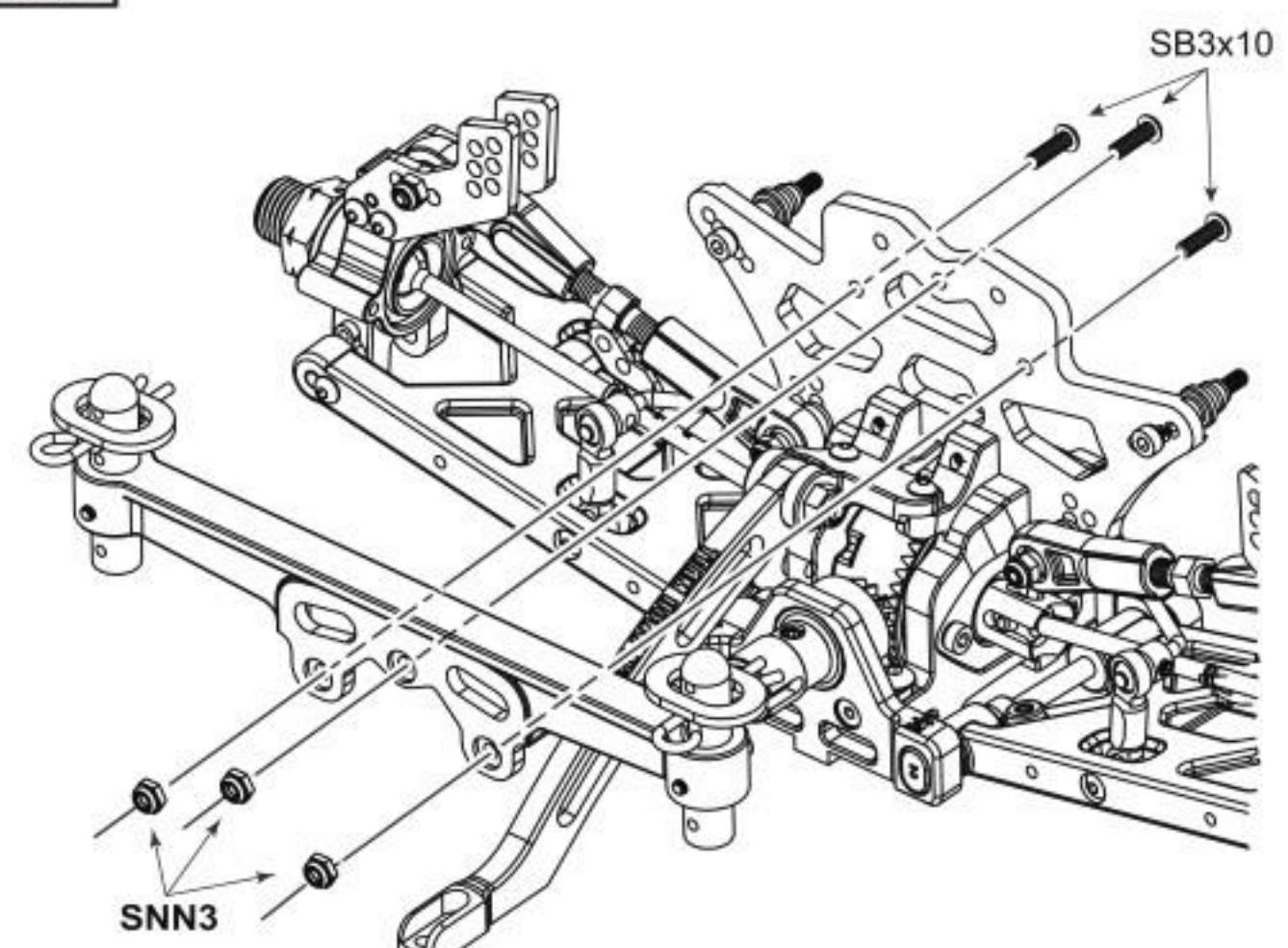
Step 1



Step detail
步驟細節



Step 2



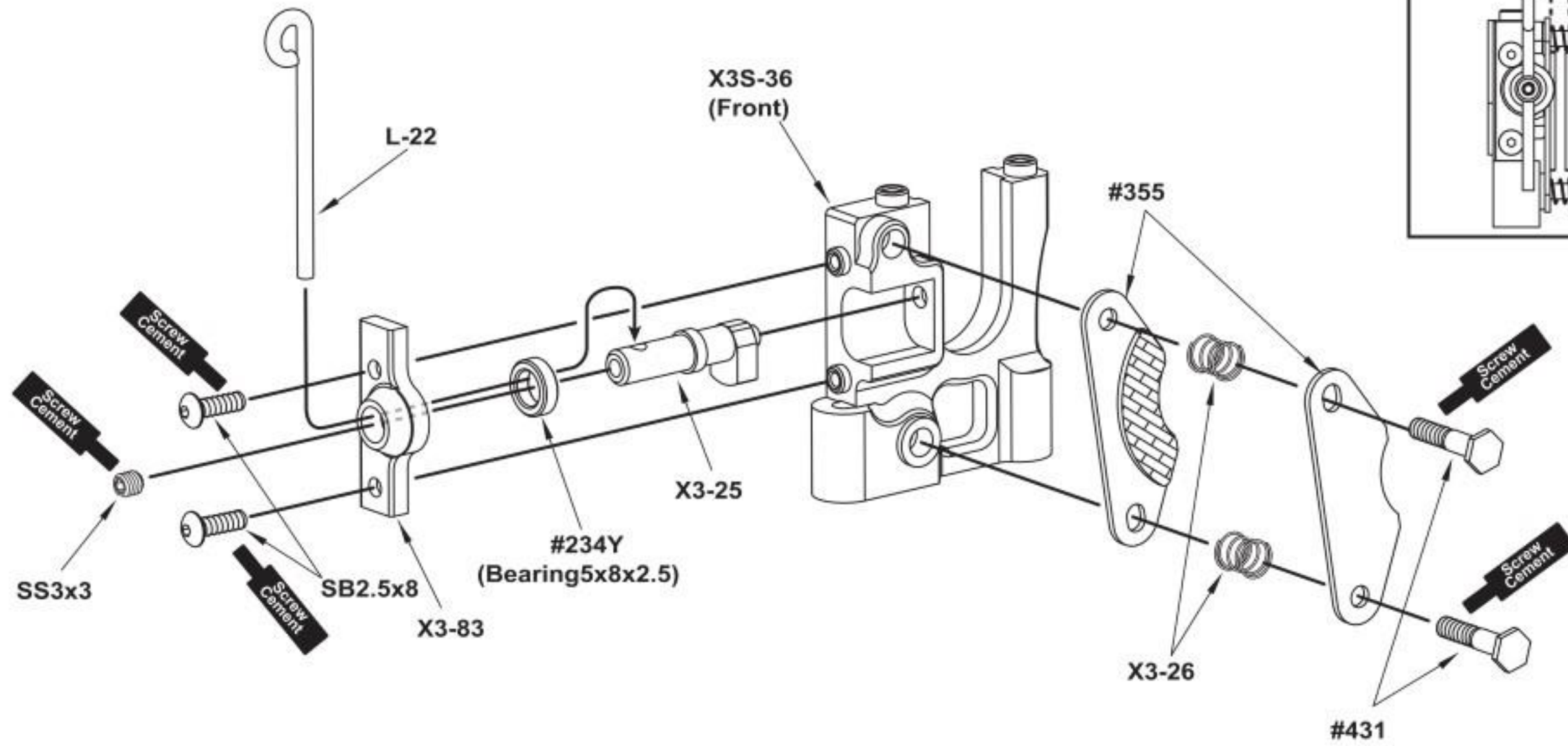
33 ASSEMBLY OF THE FRONT 2-SPEED TRANSMISSION MOUNT

前兩段變速座組合



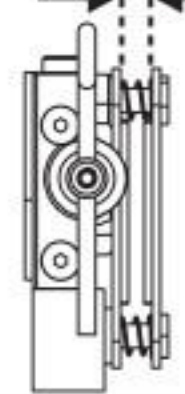
NO.5

FRONT SIDE
前側



Step detail
步驟細節

* Approx. 3.5mm
間隙 3.5mm



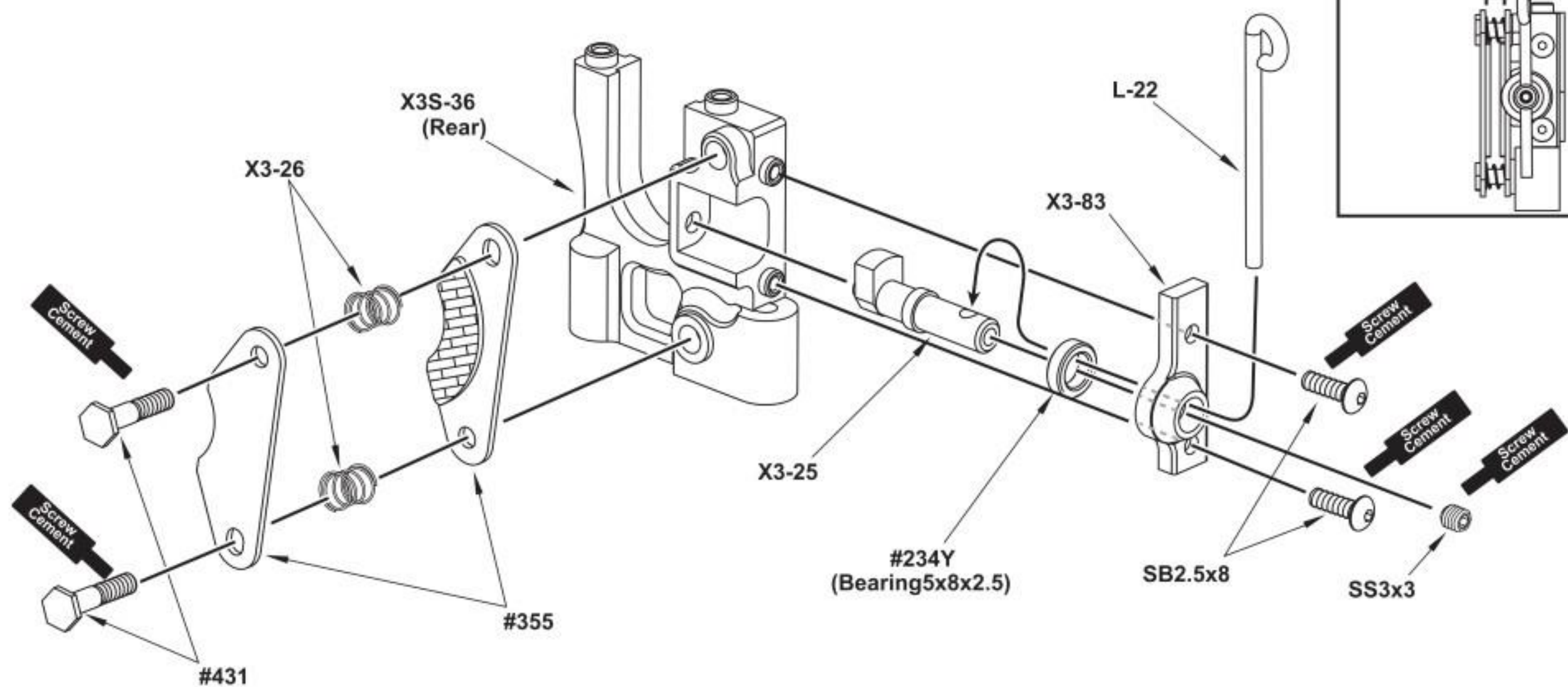
34 ASSEMBLY OF THE REAR 2-SPEED TRANSMISSION MOUNT

後兩段變速座組合



NO.5

REAR SIDE
後側



Step detail
步驟細節

* Approx. 4mm
間隙 4mm

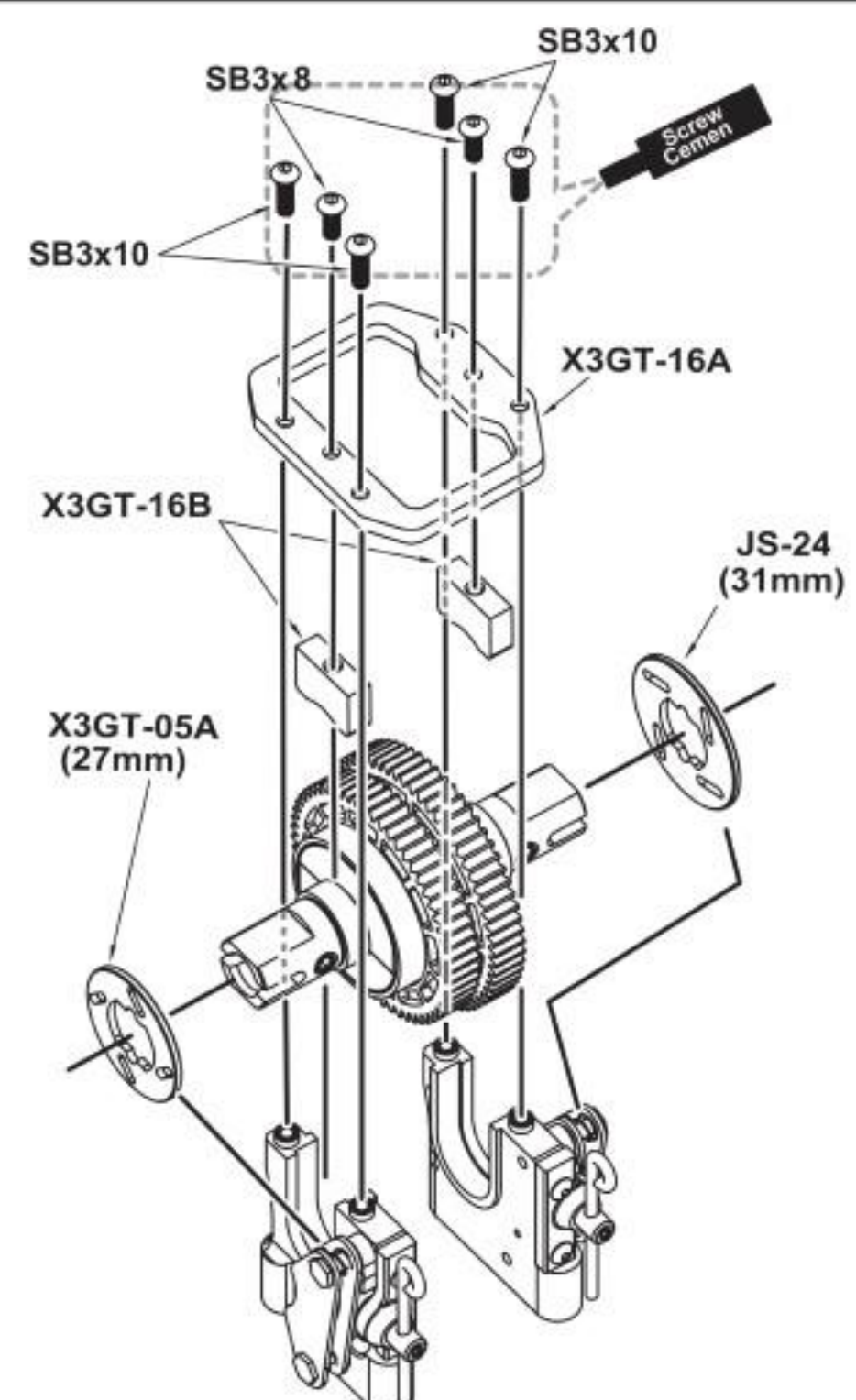


35 ASSEMBLY OF THE 2-SPEED TRANSMISSION MOUNT

兩段變速座組合

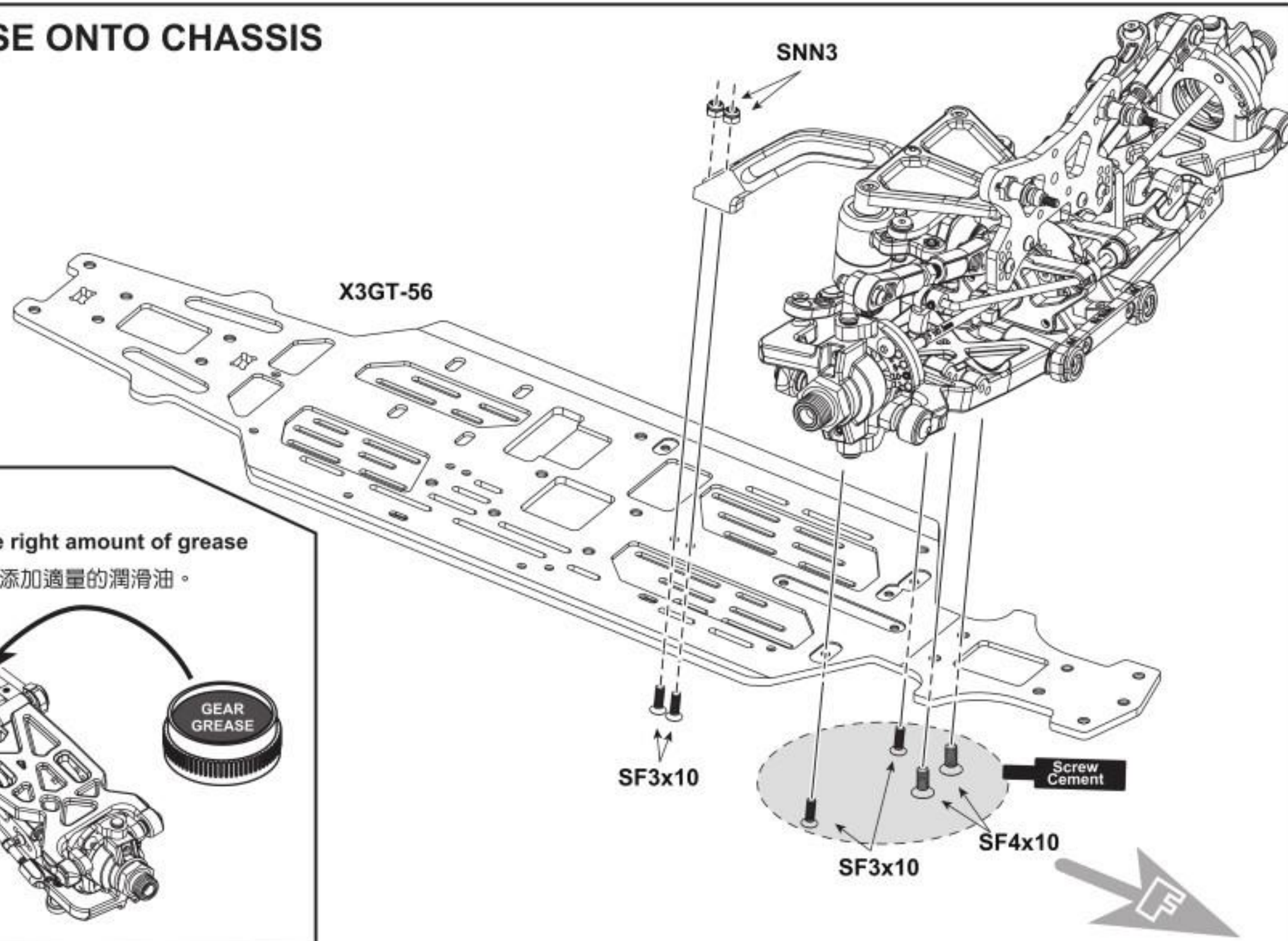
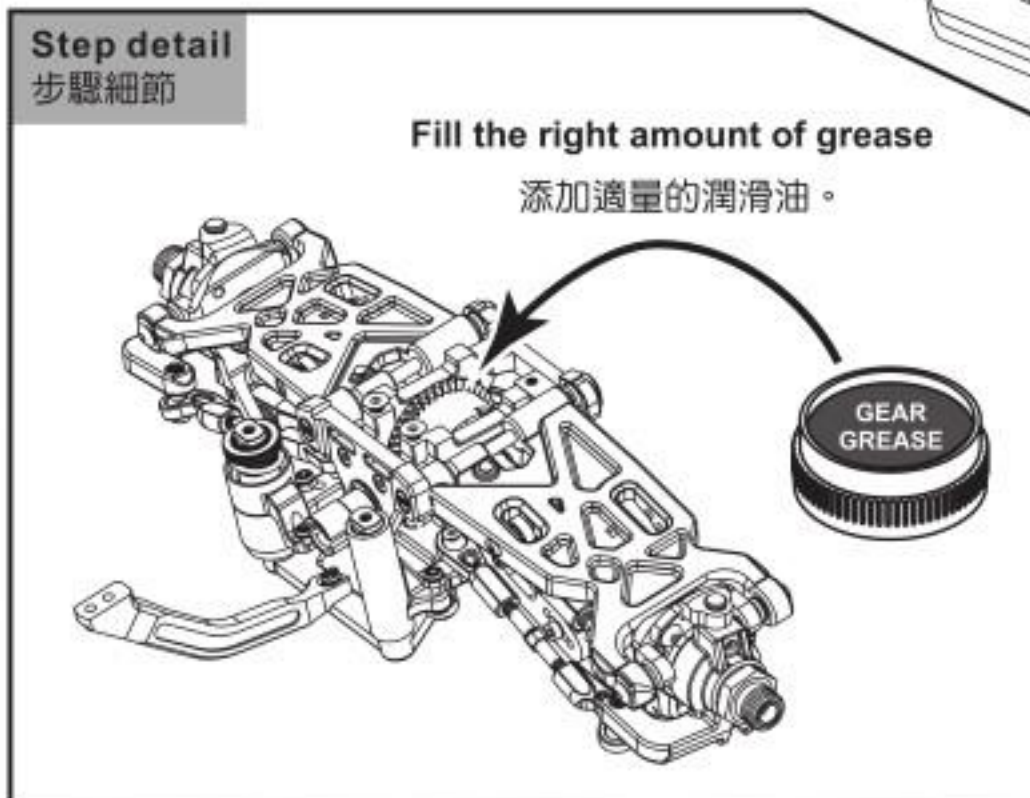


NO.5



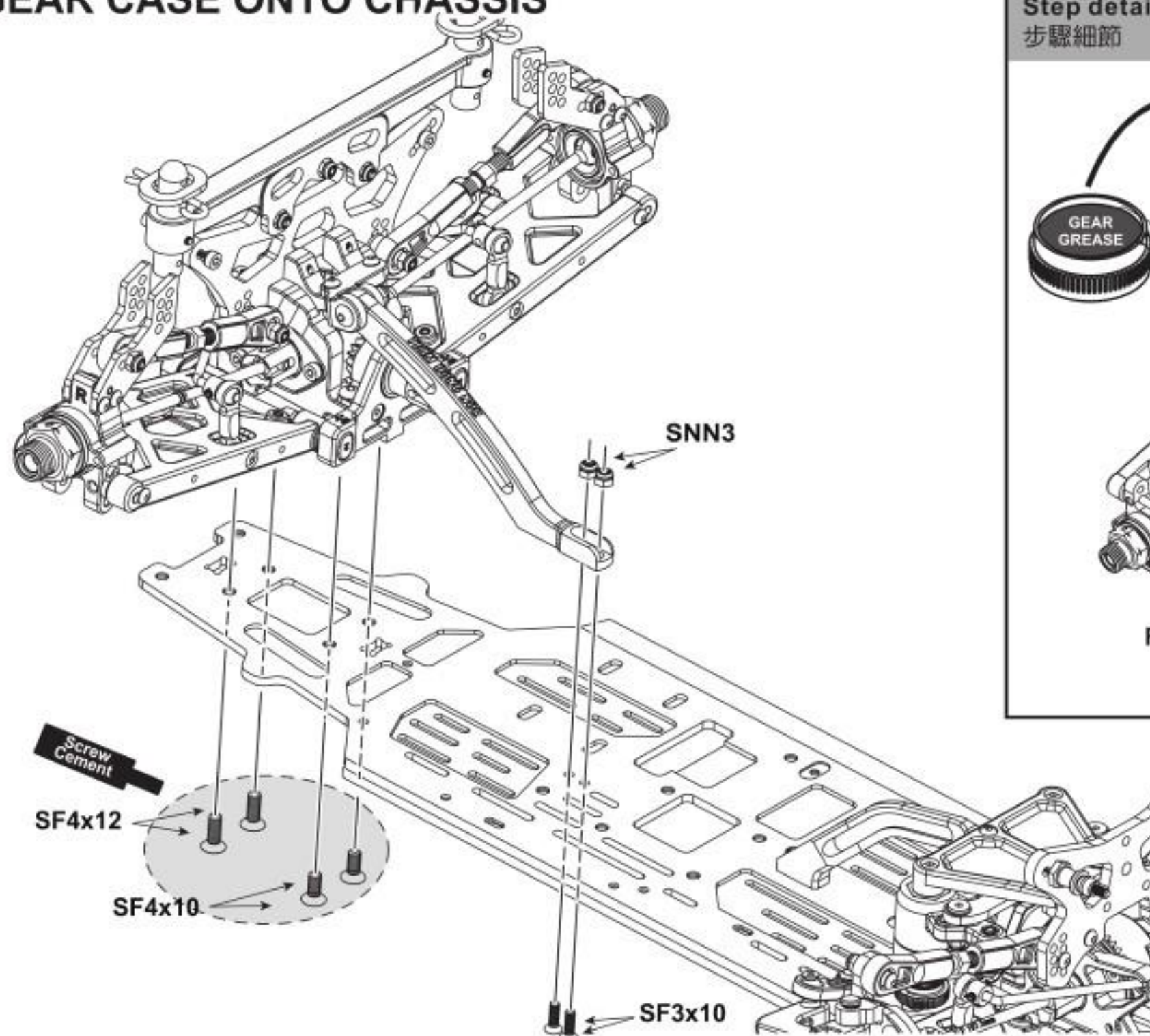
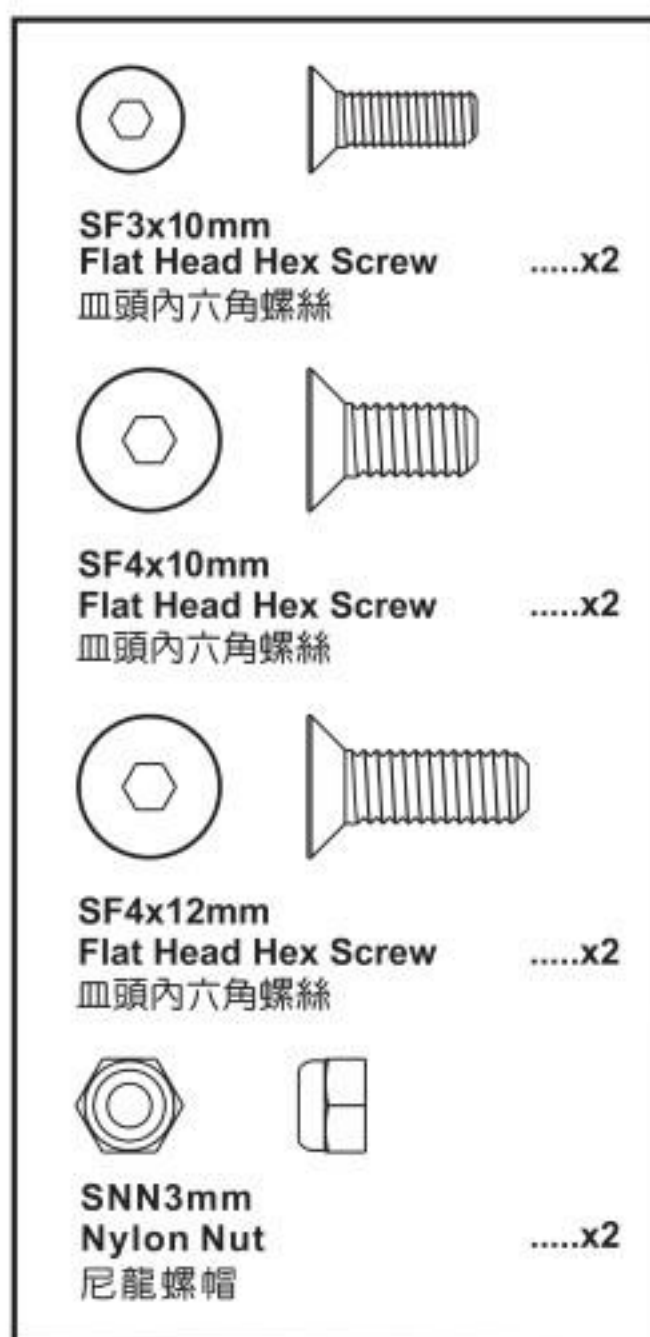
36 ASSEMBLY OF THE FRONT GEAR CASE ONTO CHASSIS

組合前齒輪箱至底盤



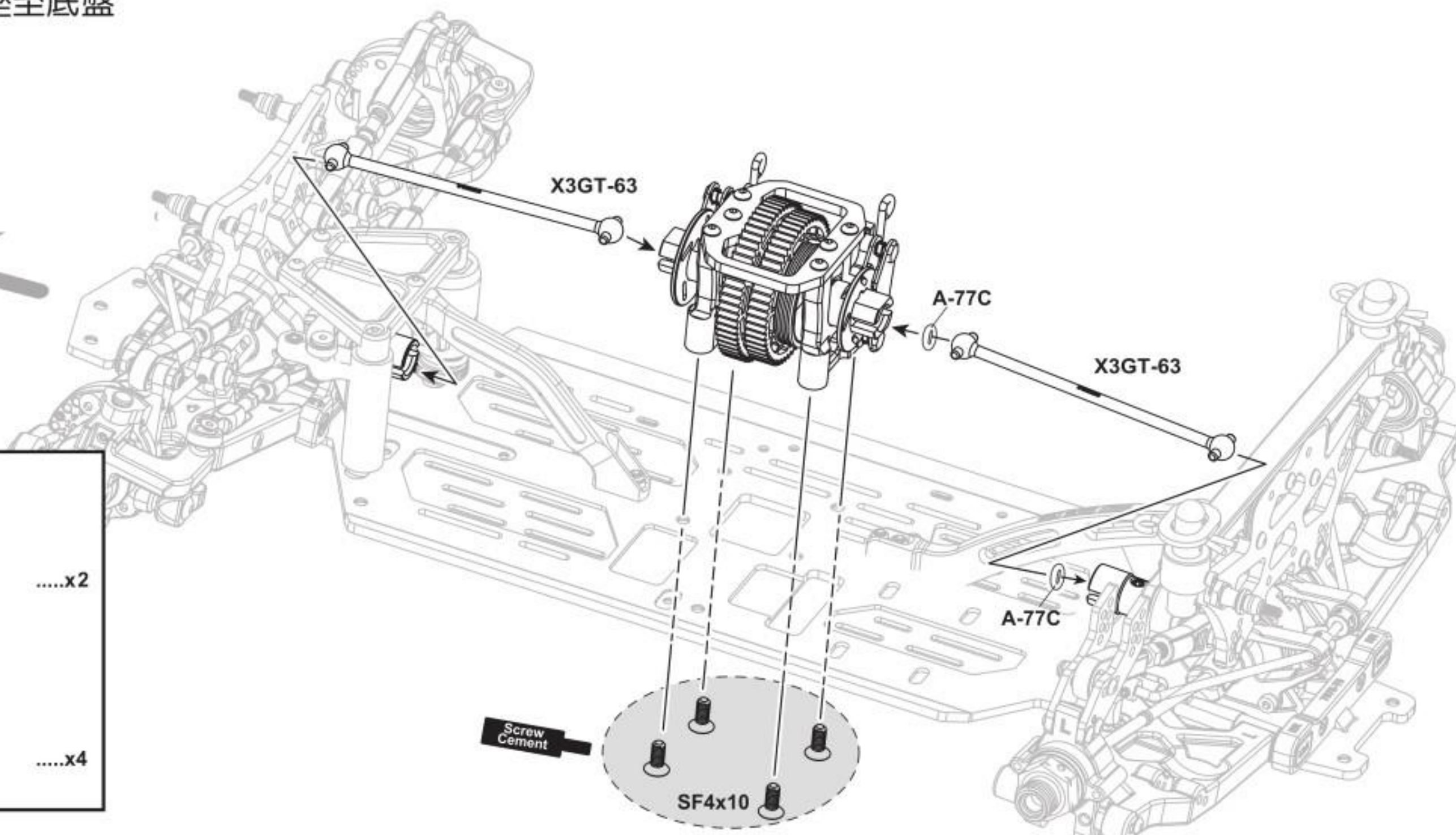
37 ASSEMBLY OF THE REAR GEAR CASE ONTO CHASSIS

組合後齒輪箱至底盤



38 ASSEMBLY OF THE TWO-SPEED TRANSMISSION MOUNT ONTO CHASSIS

組合兩段變速座至底盤



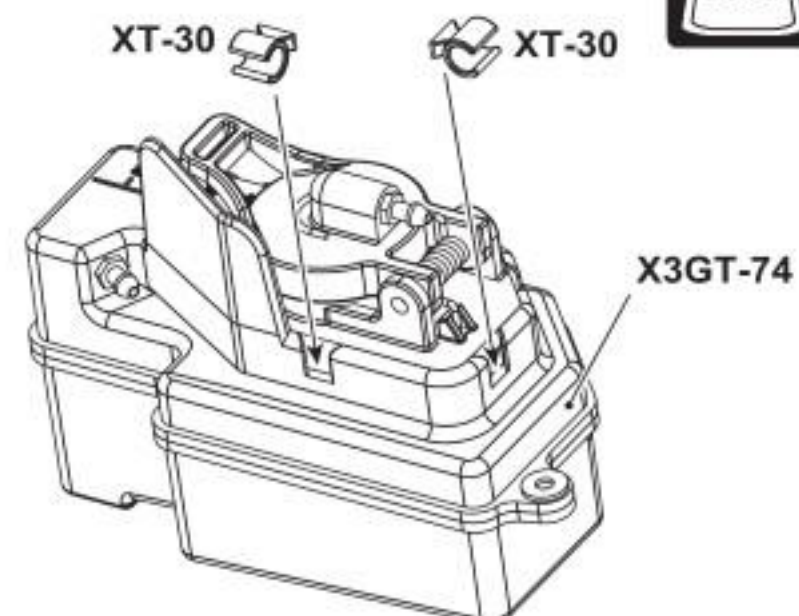
39 ASSEMBLY OF THE FUEL TANK ONTO CHASSIS

組合油箱至底盤

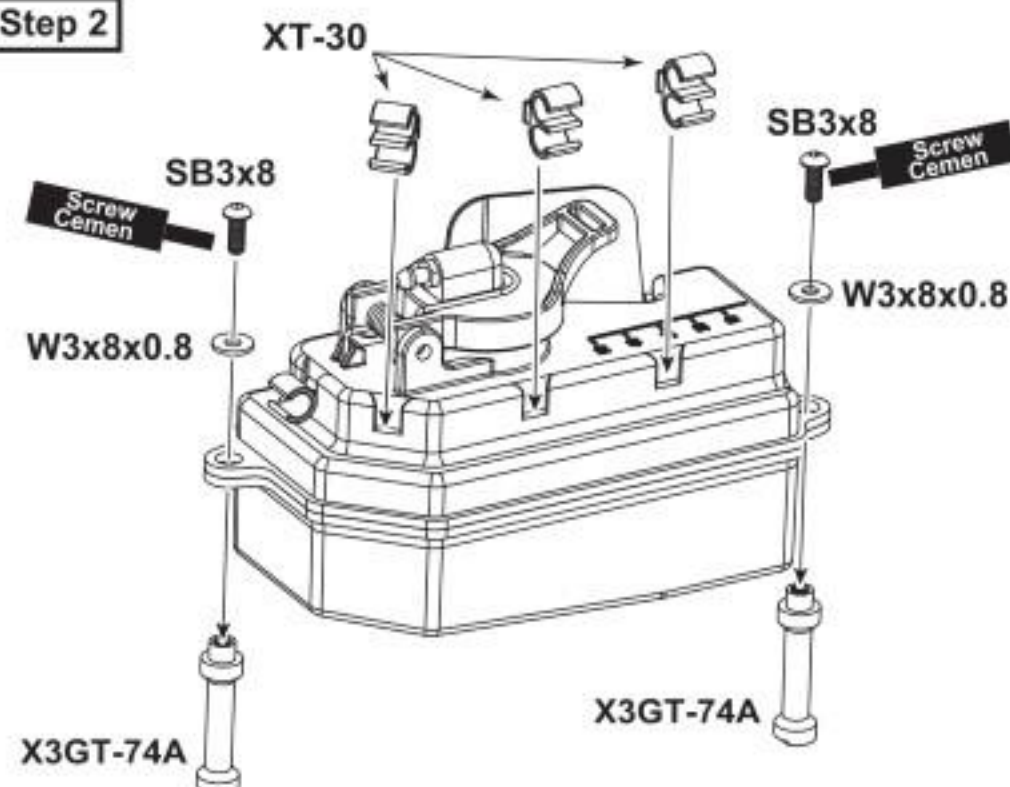


NO.7

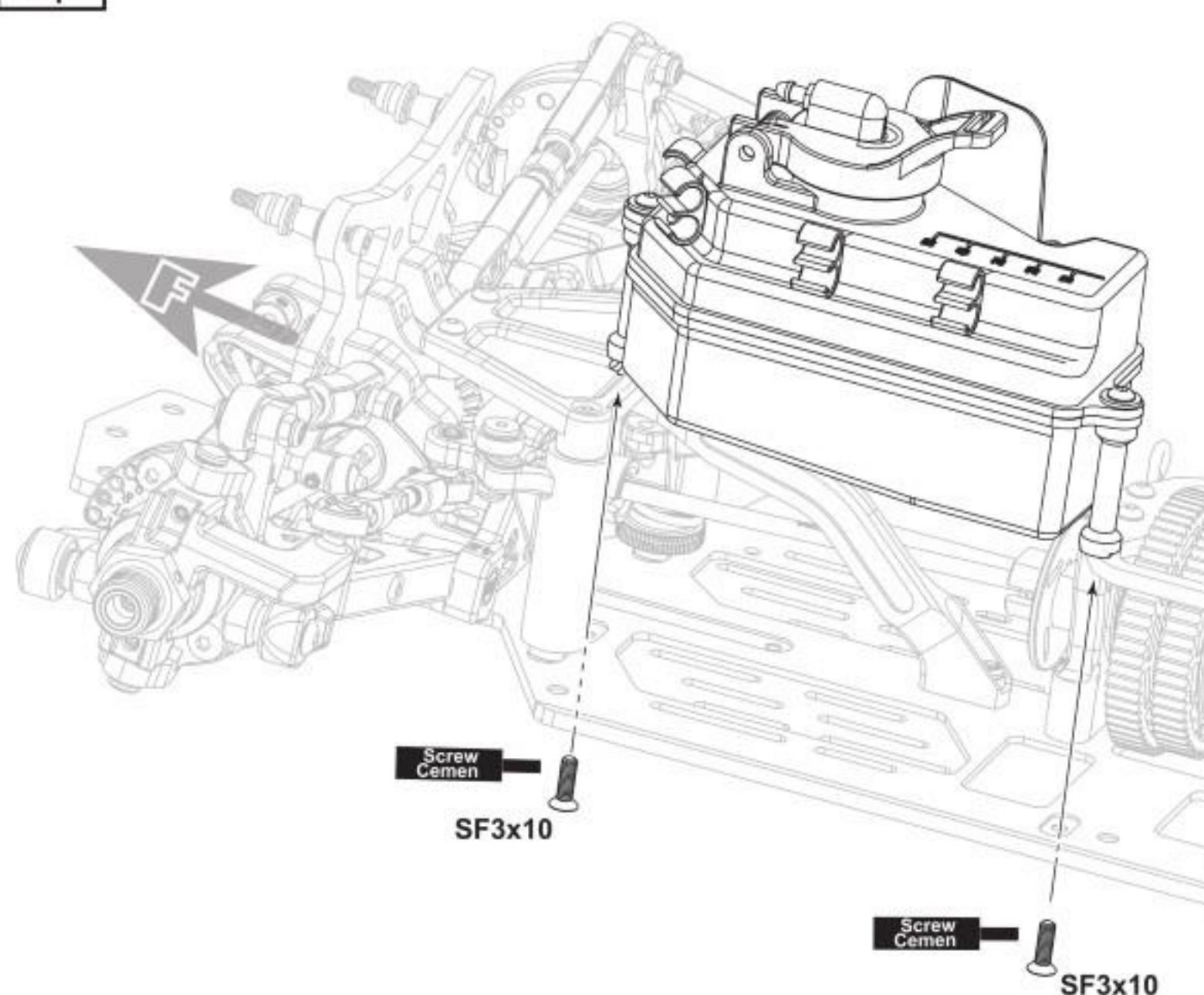
Step 1



Step 2



Step 3



SW3x8x0.8mm

Washer

墊片

.....x2



SB3x8 mm

Hex Screw

半丸內六角螺絲

.....x2



SF3x10mm

Flat Head Hex Screw

血頭內六角螺絲

.....x2

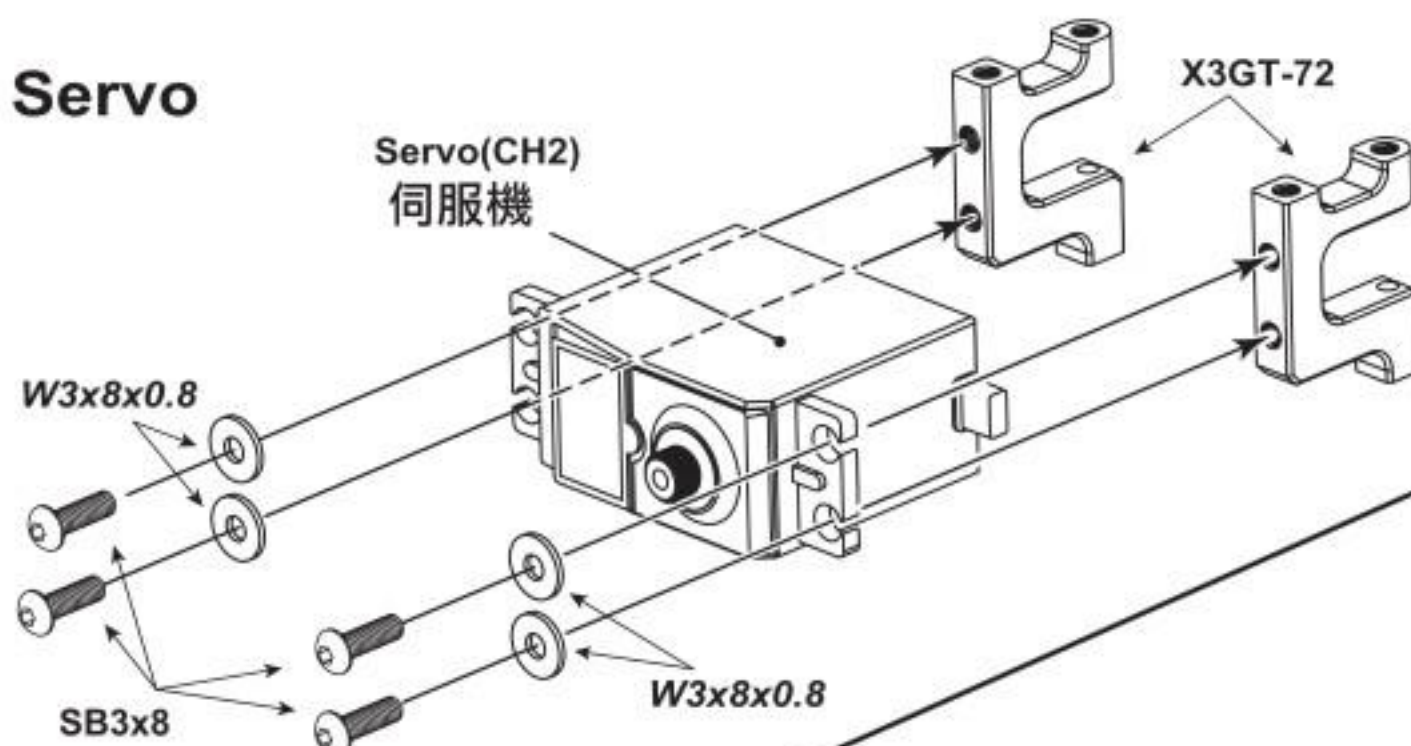
40 ASSEMBLY OF THROTTLE & STEERING SERVO

轉向伺服機與油門伺服機組合

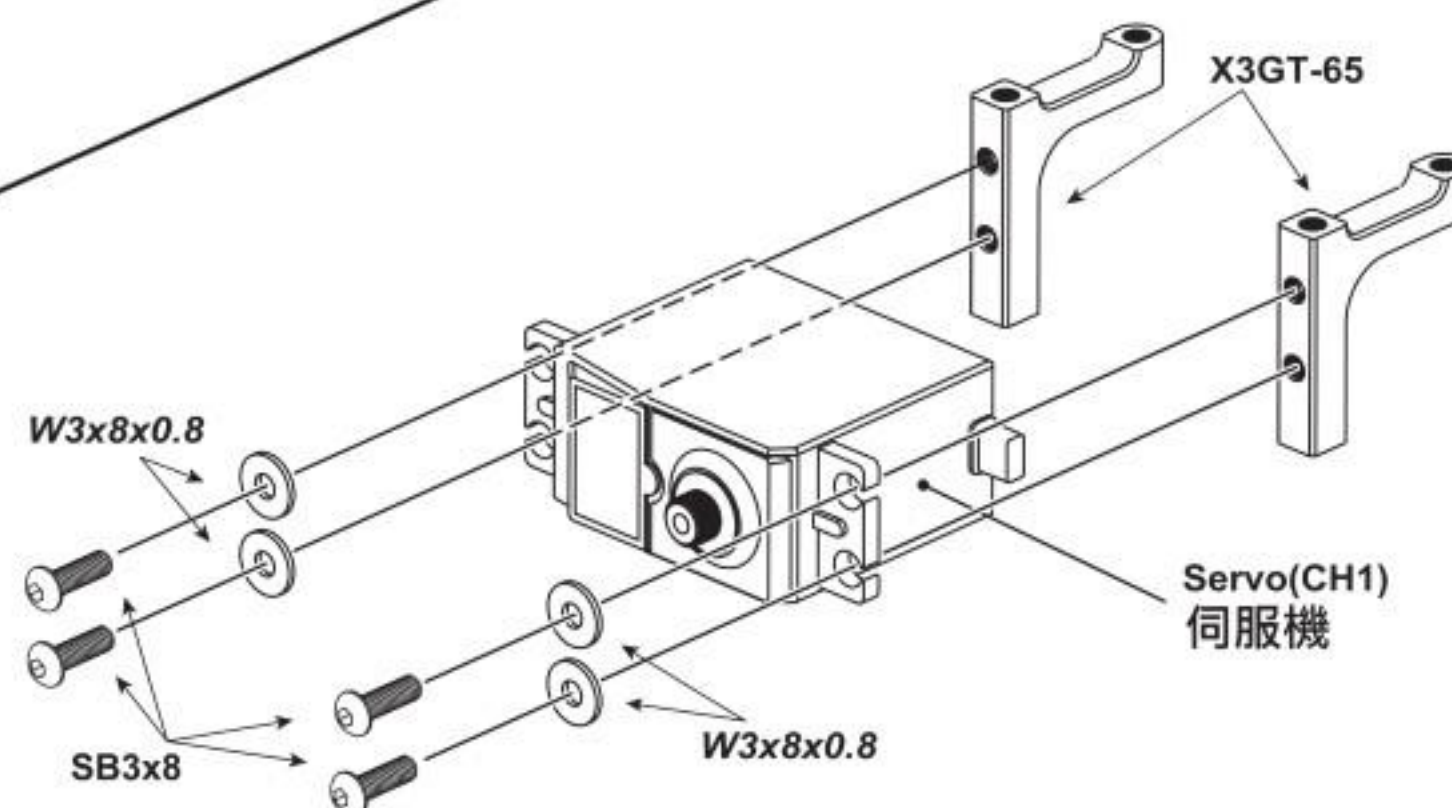


NO.10

Throttle Servo



Steering Servo



SW3x8x0.8mm

Washer

墊片

.....x8



SB3x8 mm

Hex Screw

半丸內六角螺絲

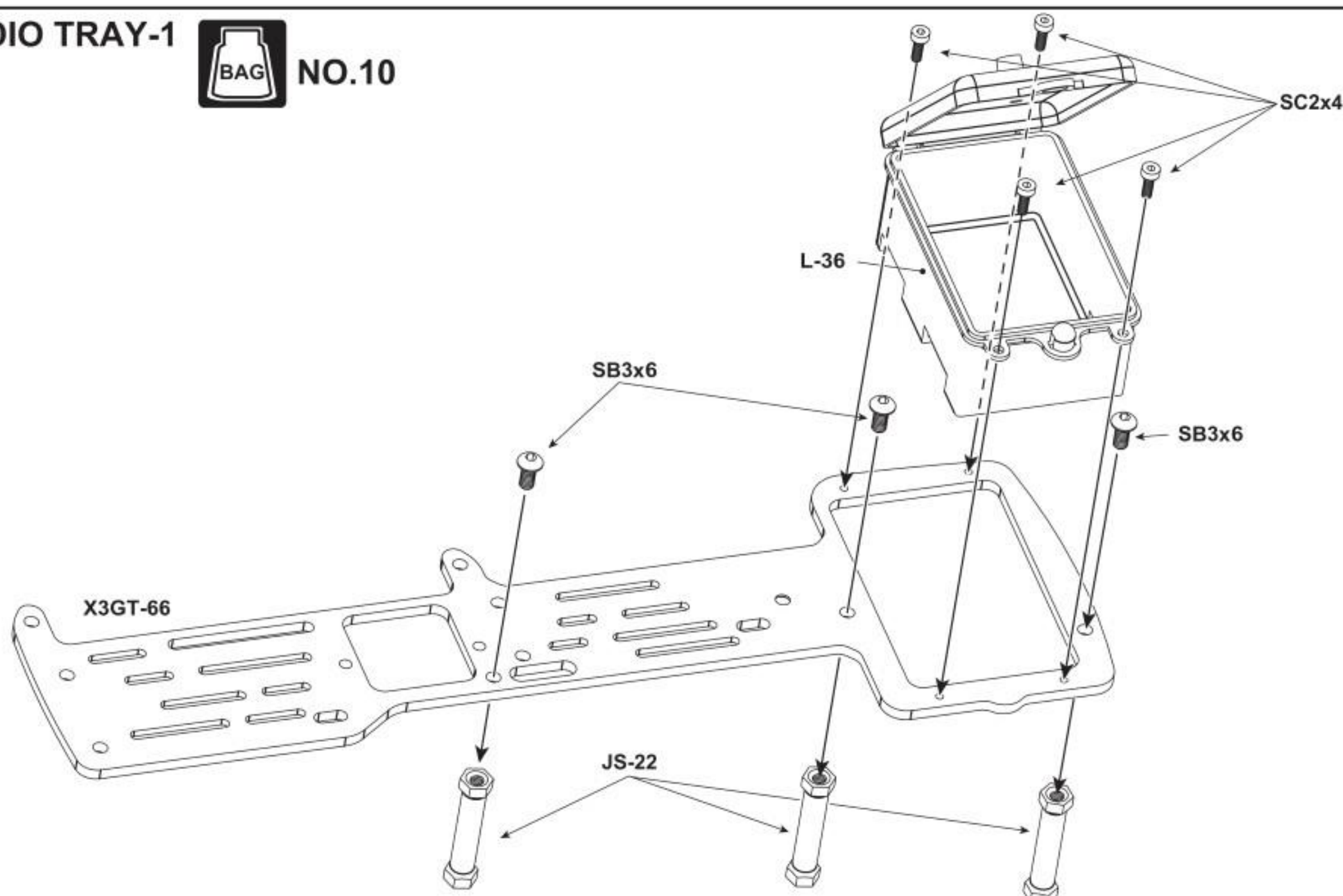
.....x8

41 ASSEMBLY OF THE RADIO TRAY-1

二樓版組合之一



NO.10



SC2x6mm

Cap Screw

有頭內六角螺絲

.....x4



SB3x6 mm

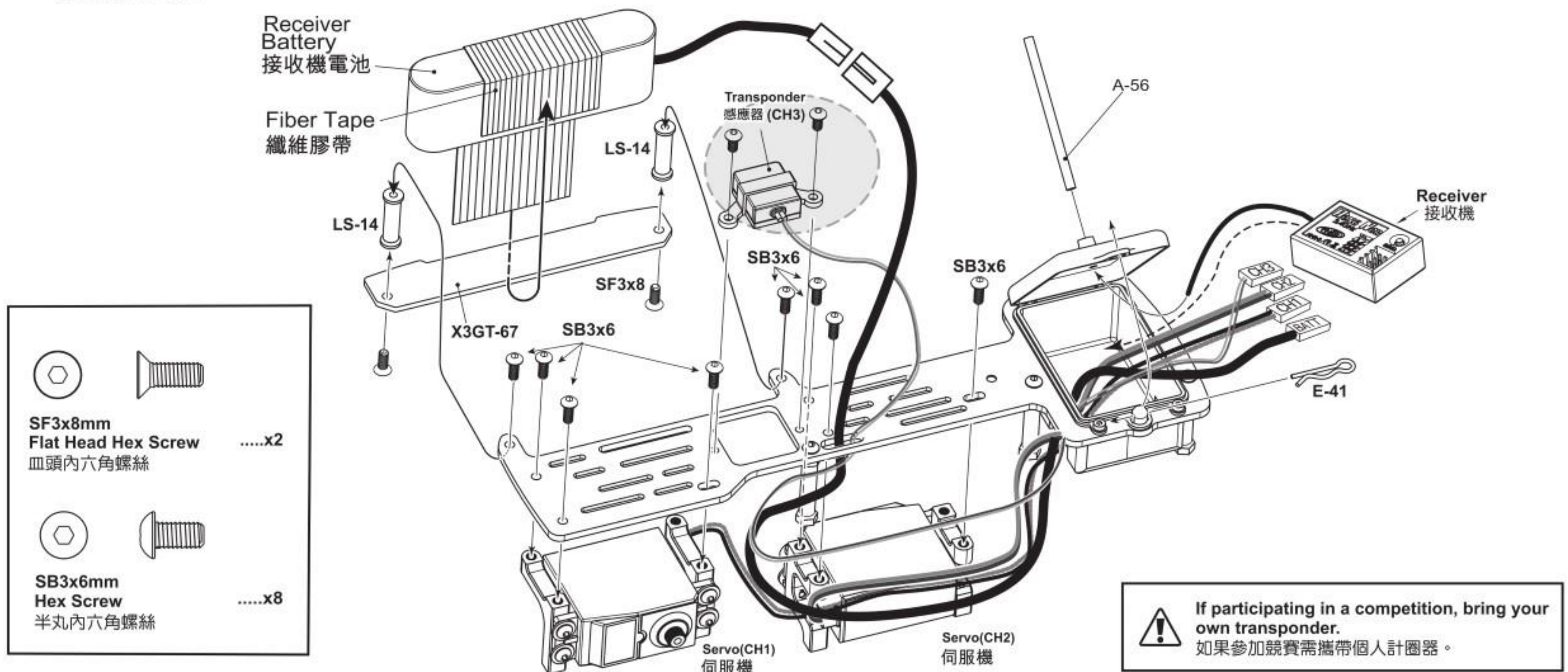
Hex Screw

半丸內六角螺絲

.....x3

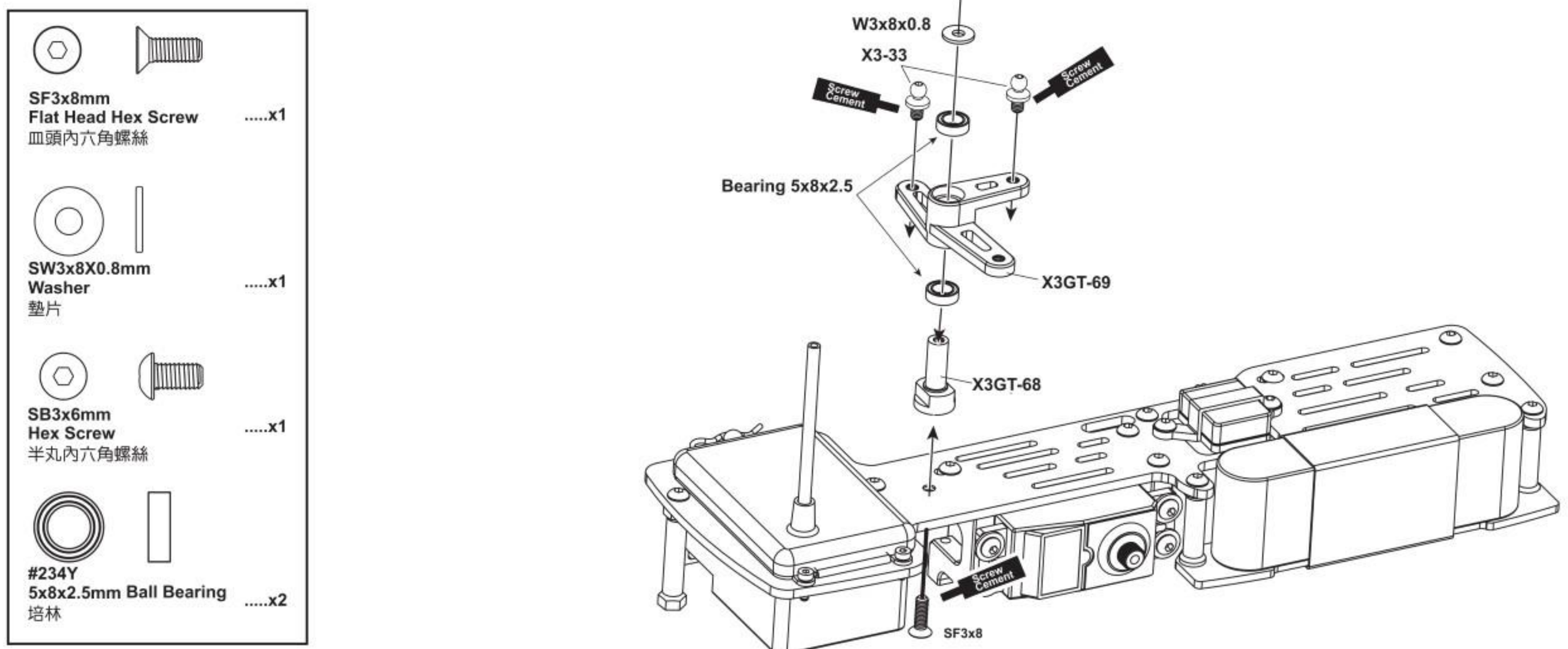
42 ASSEMBLY OF THE RADIO TRAY-2

二樓版組合之二



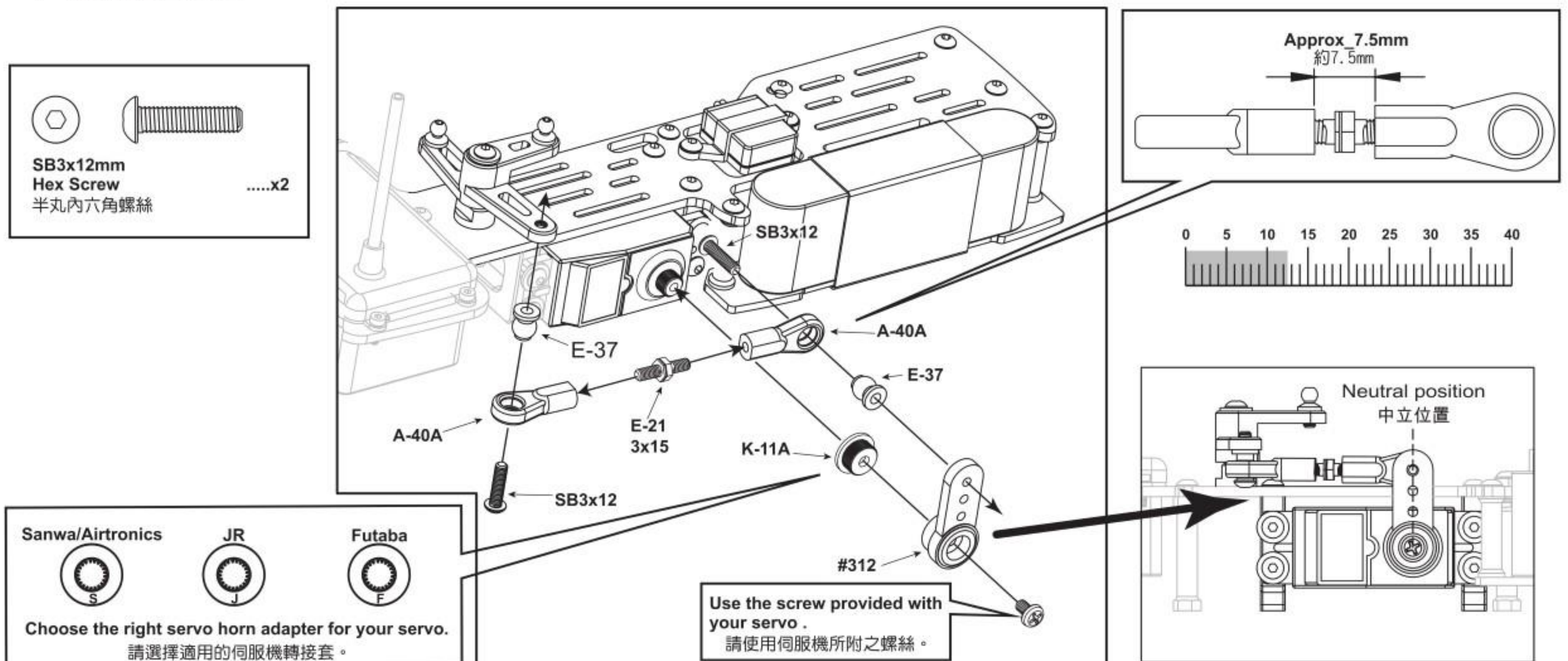
43 ASSEMBLY OF THE RADIO TRAY-3

二樓版組合之三

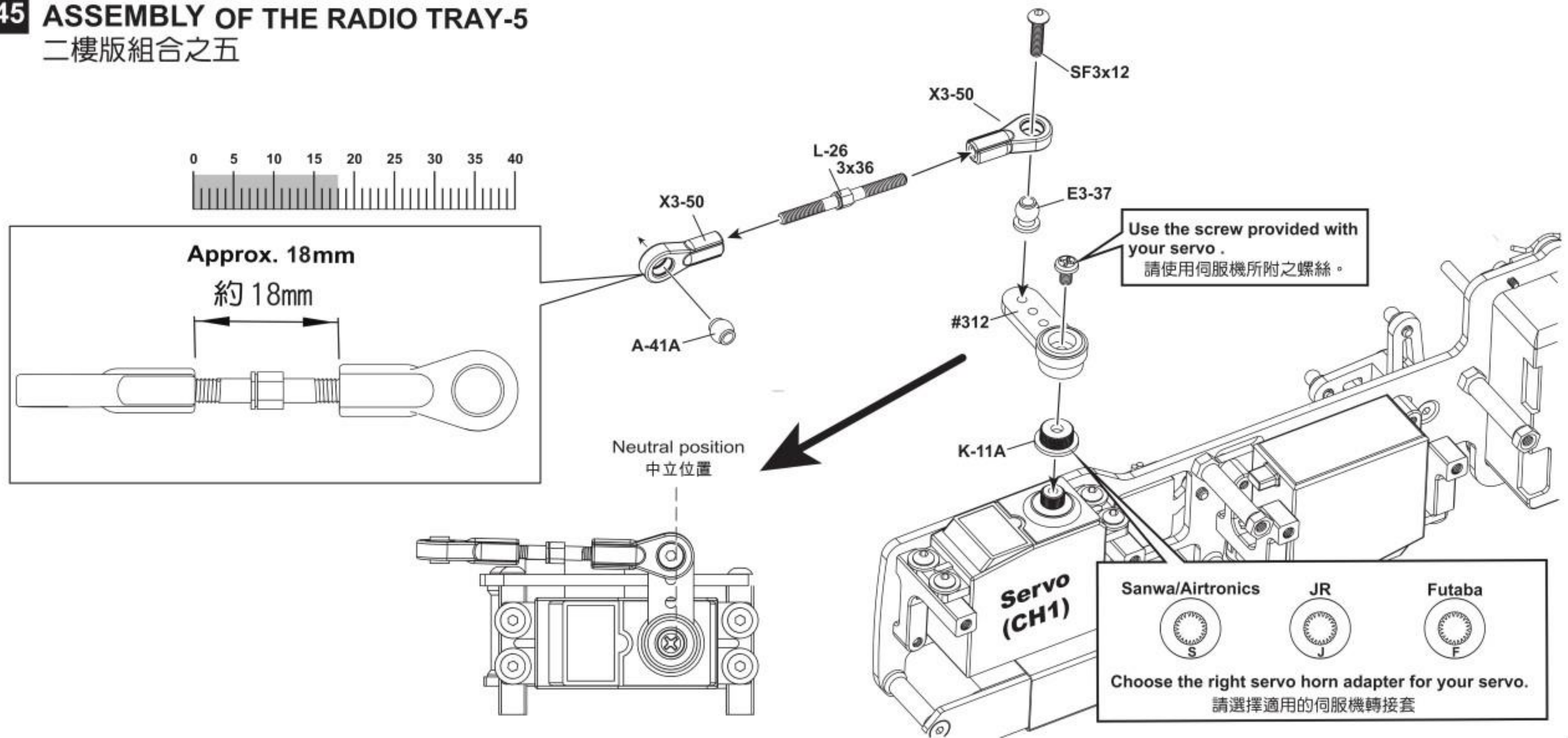


44 ASSEMBLY OF THE RADIO TRAY-4

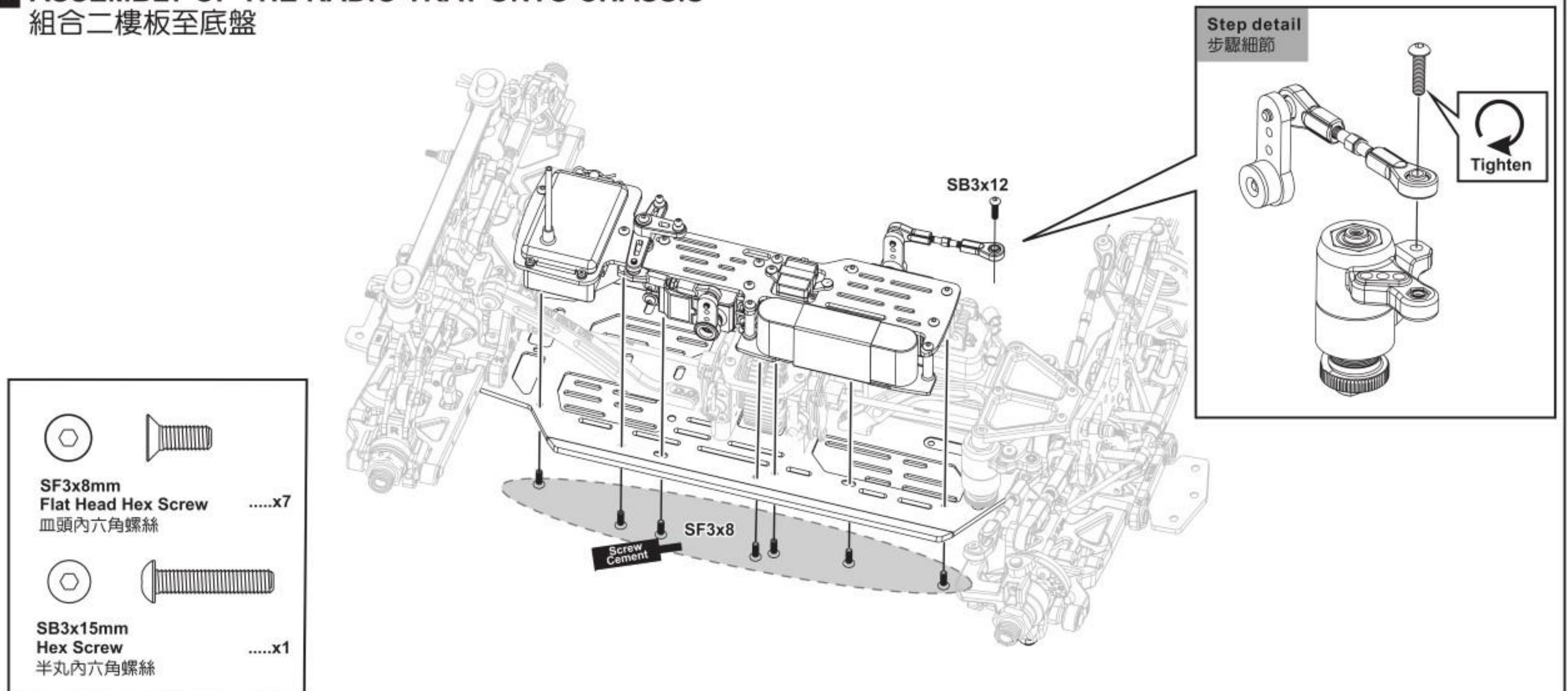
二樓版組合之四



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

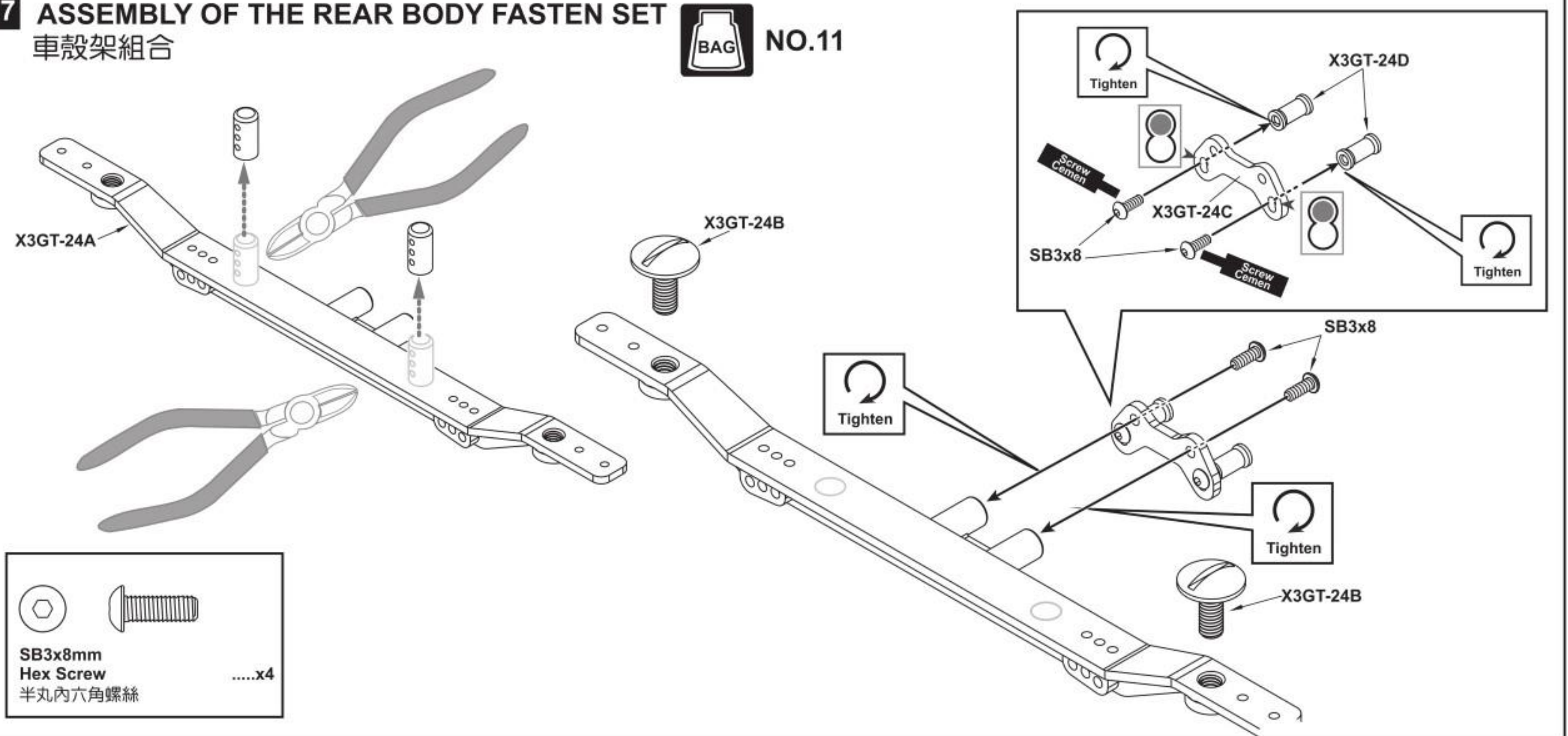


46 ASSEMBLY OF THE RADIO TRAY ONTO CHASSIS 組合二樓板至底盤

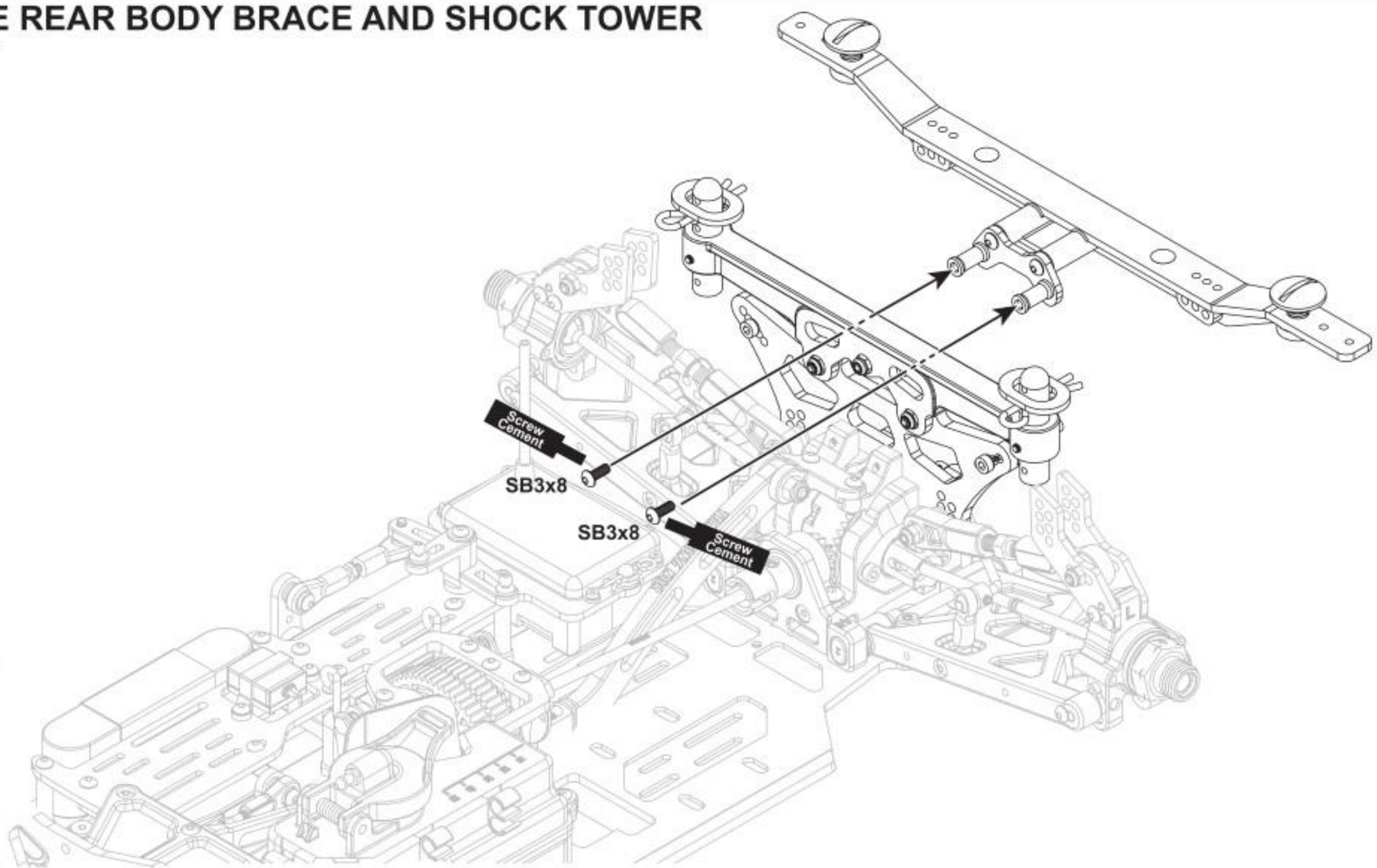


47 ASSEMBLY OF THE REAR BODY FASTEN SET 車殼架組合

BAG NO.11



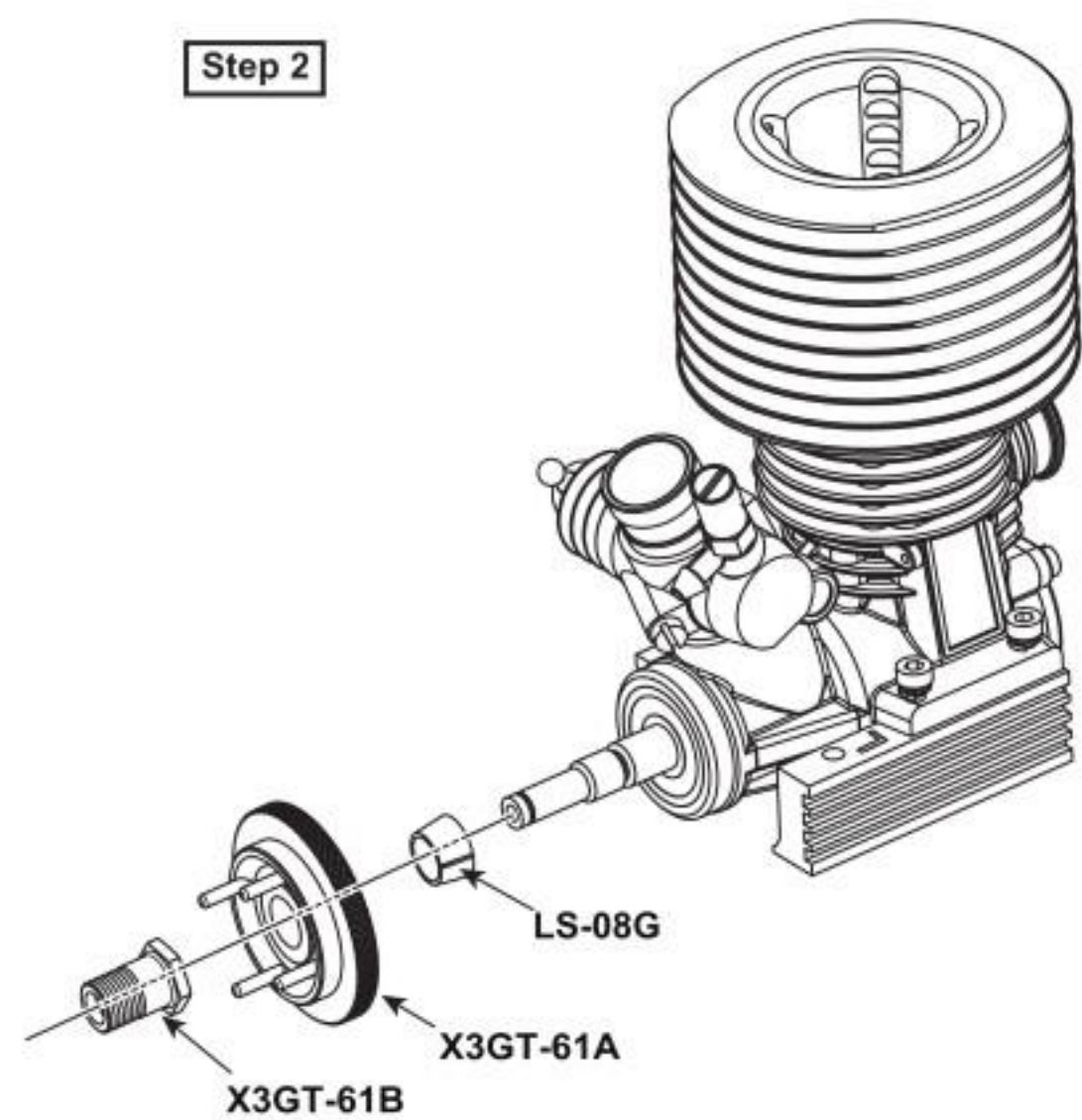
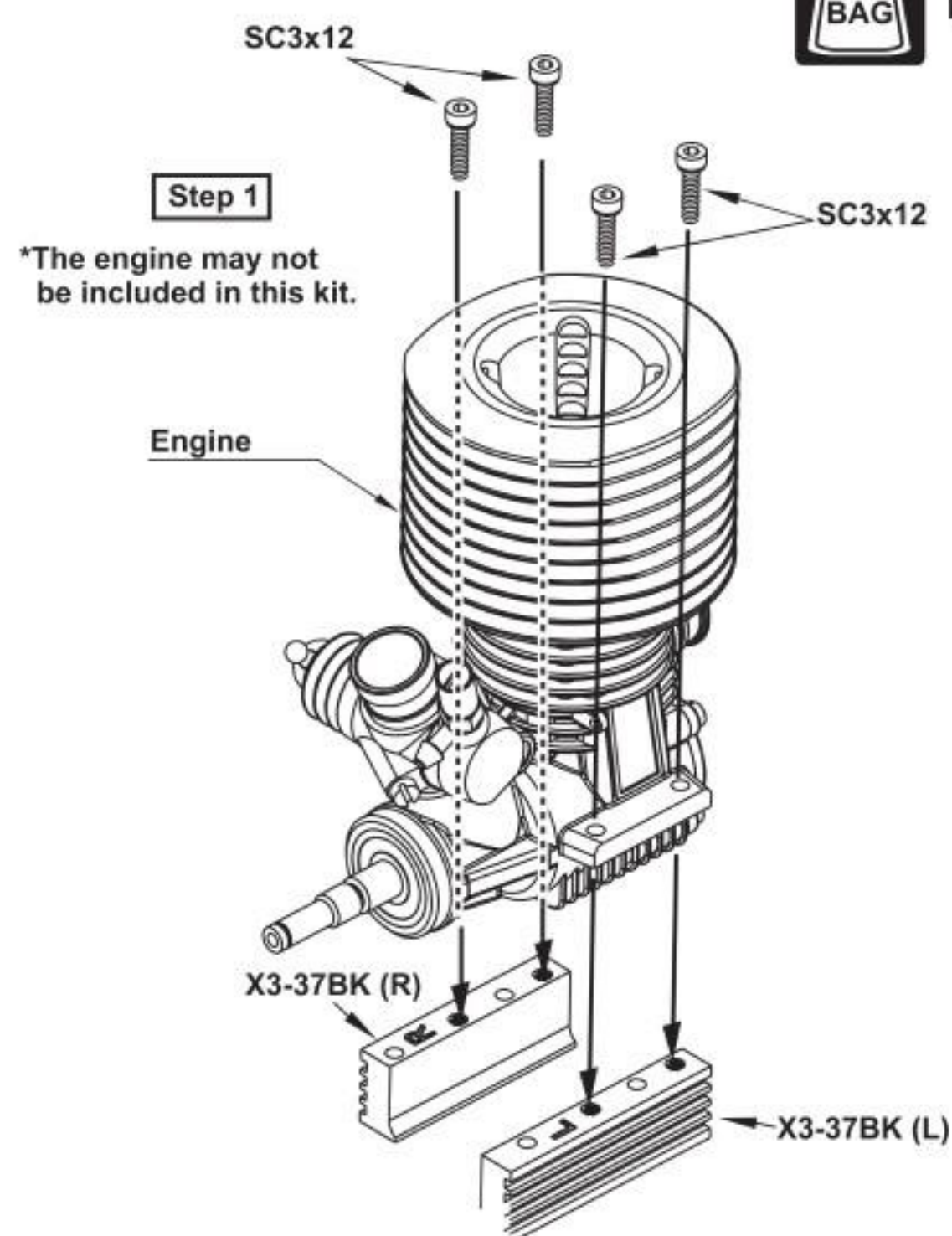
48 ASSEMBLY OF THE REAR BODY BRACE AND SHOCK TOWER 車殼架與油壓架組合



49 ASSEMBLY OF THE ENGINE MOUNT AND FLYWHEEL 組合引擎座與飛輪



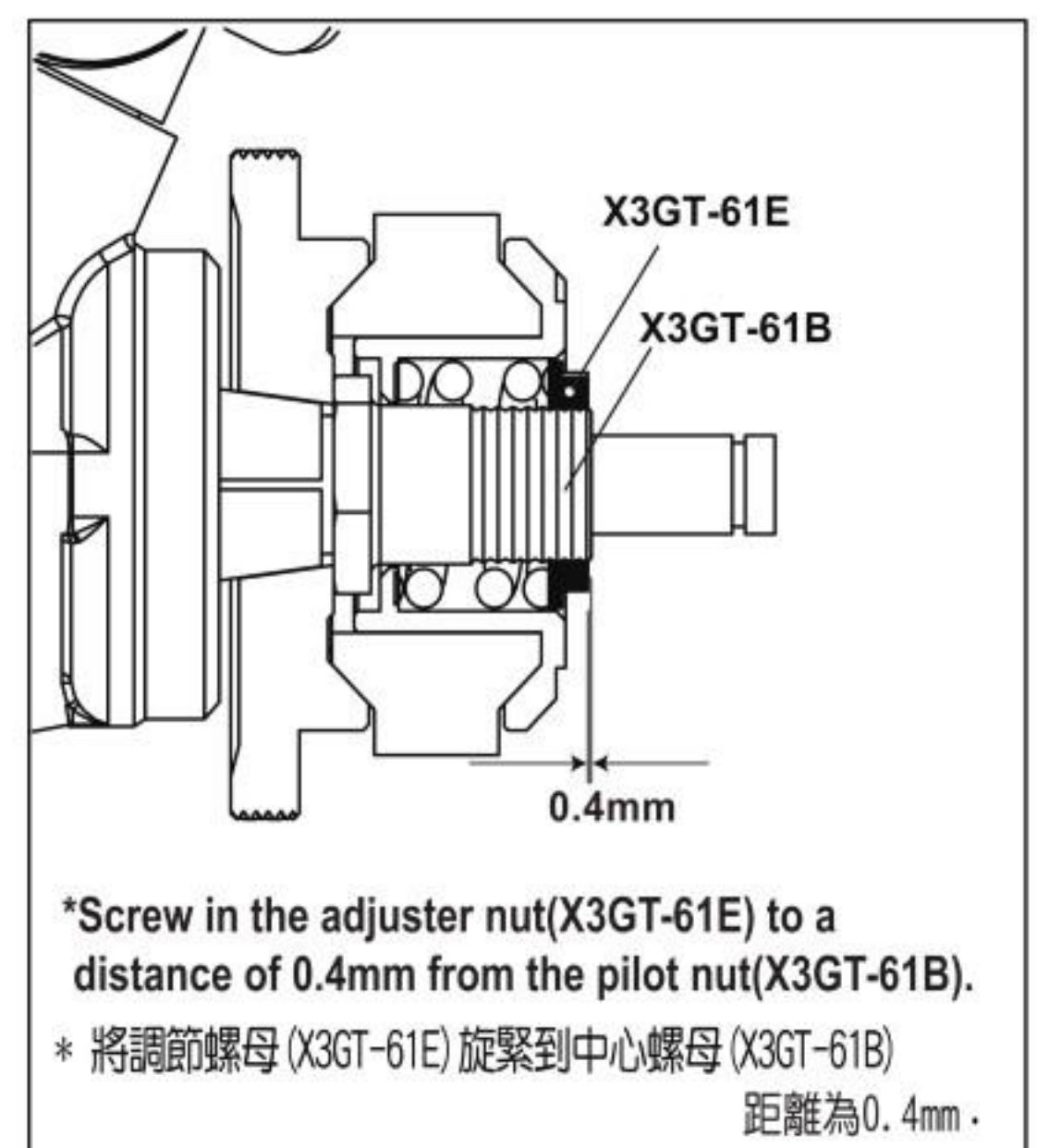
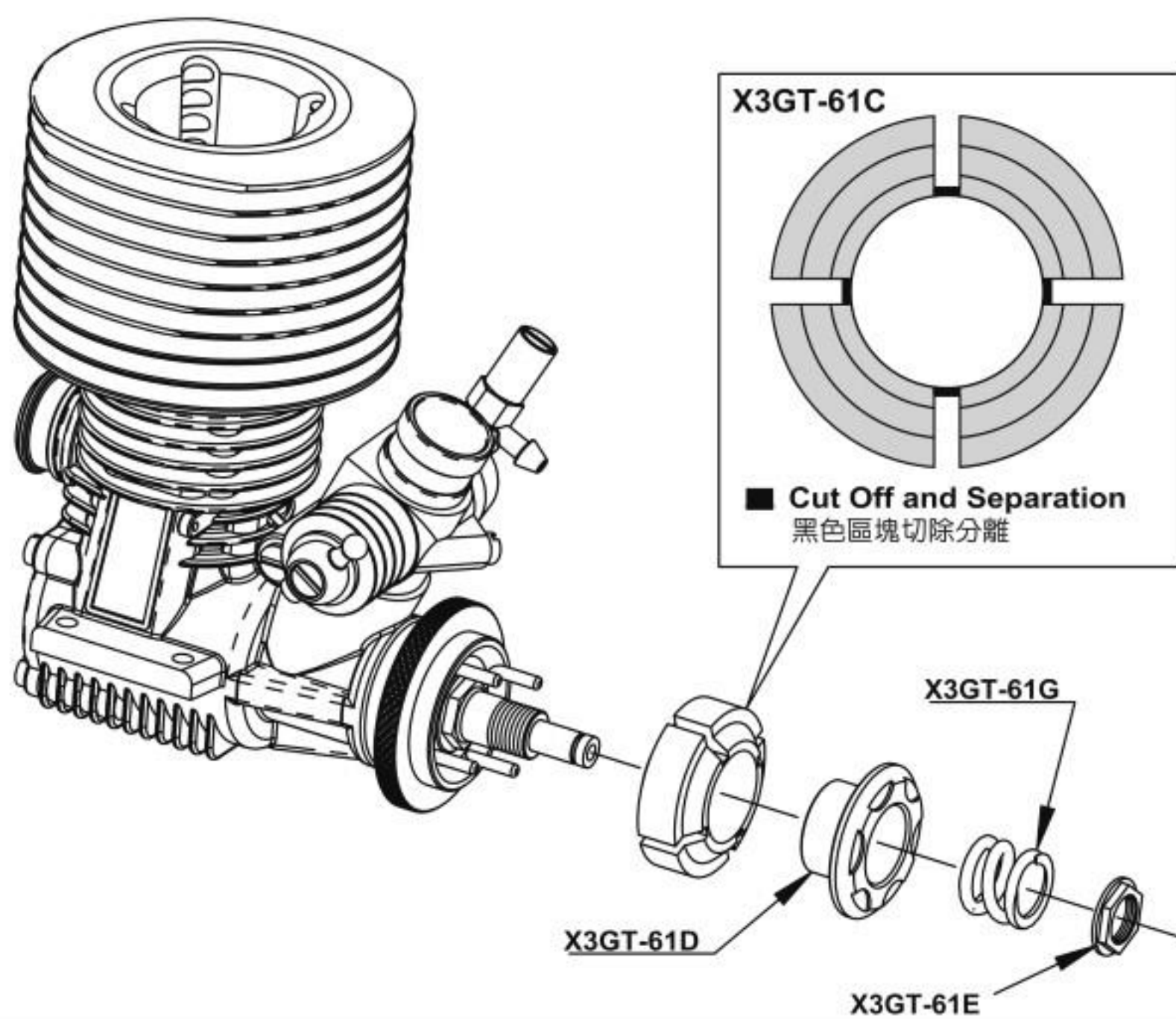
NO.6



50 ASSEMBLY OF THE CLUTCH 組合離合器



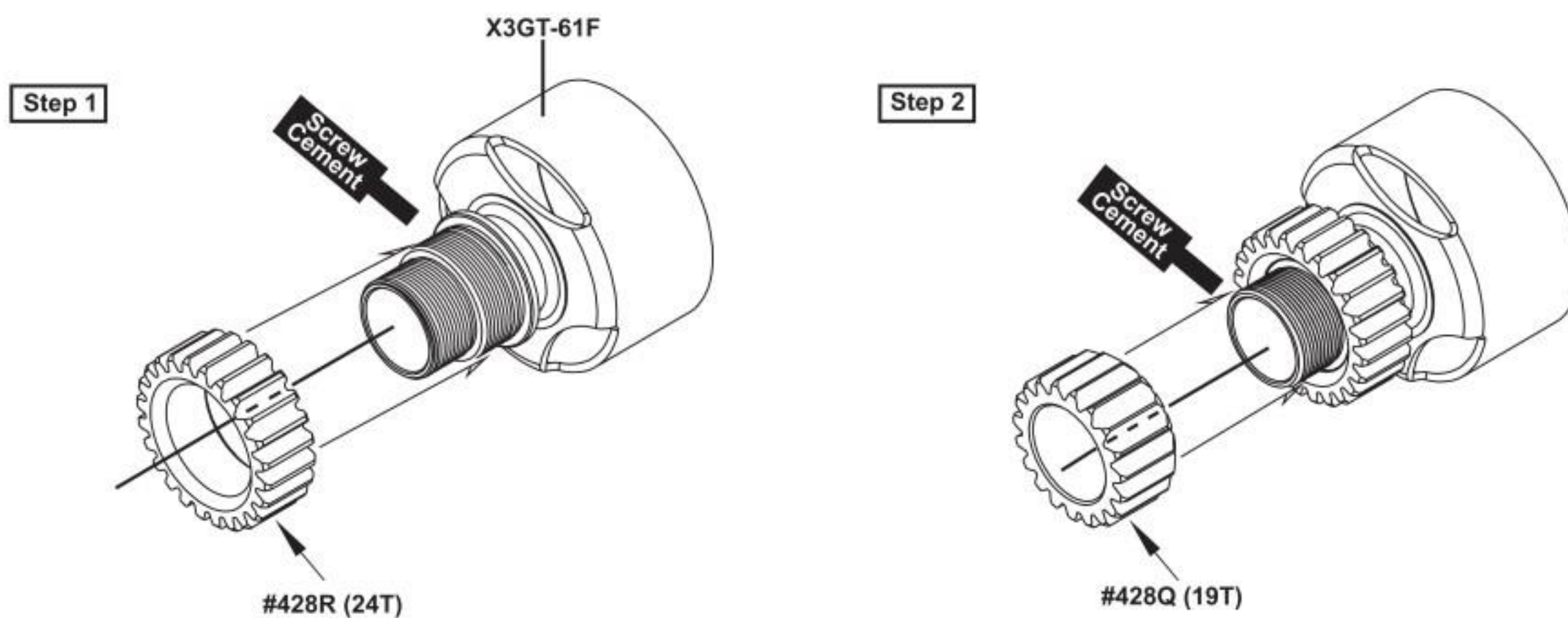
NO.6



51 ASSEMBLY OF THE CLUTCH BELL 組合離合器罩



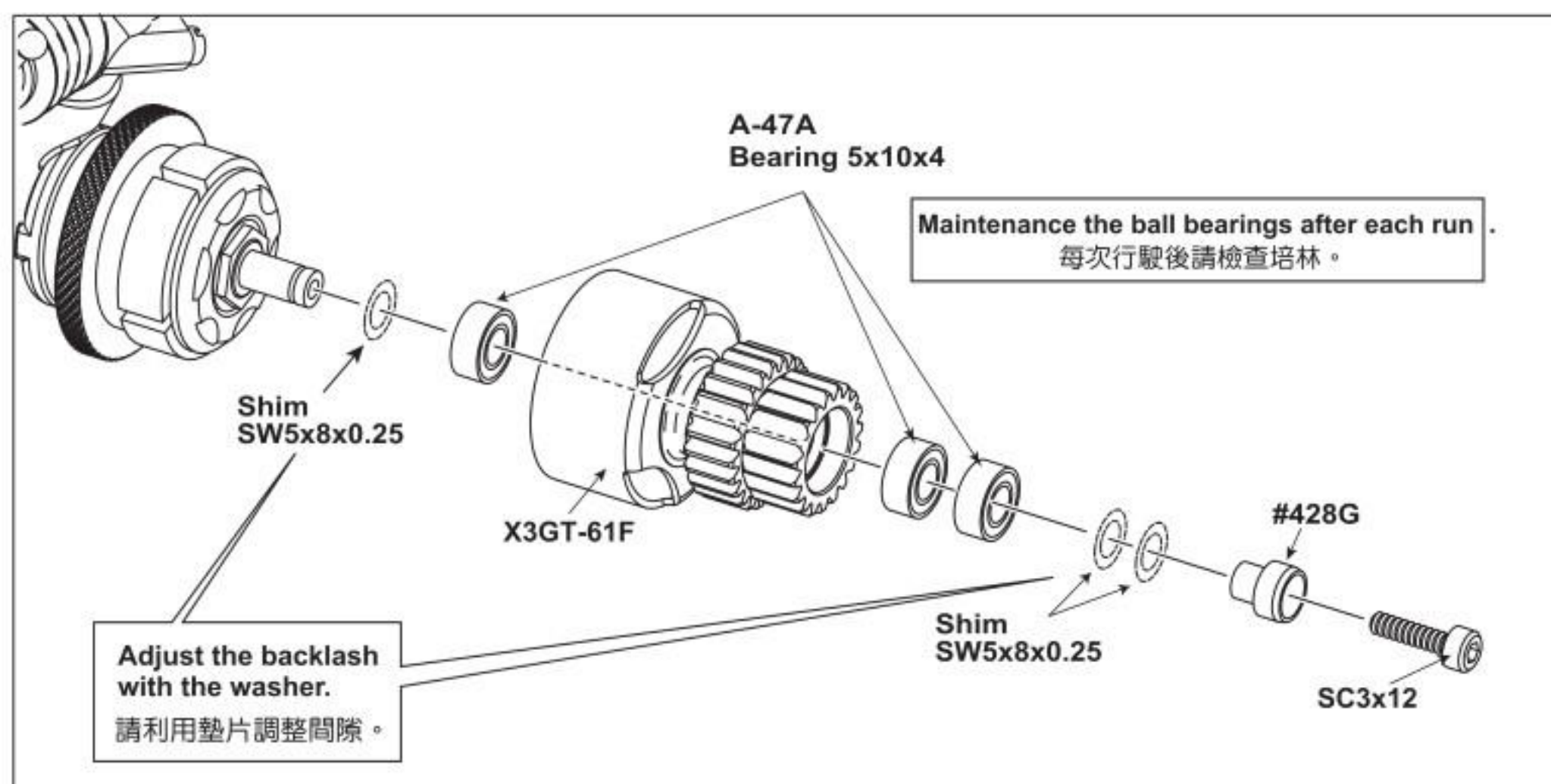
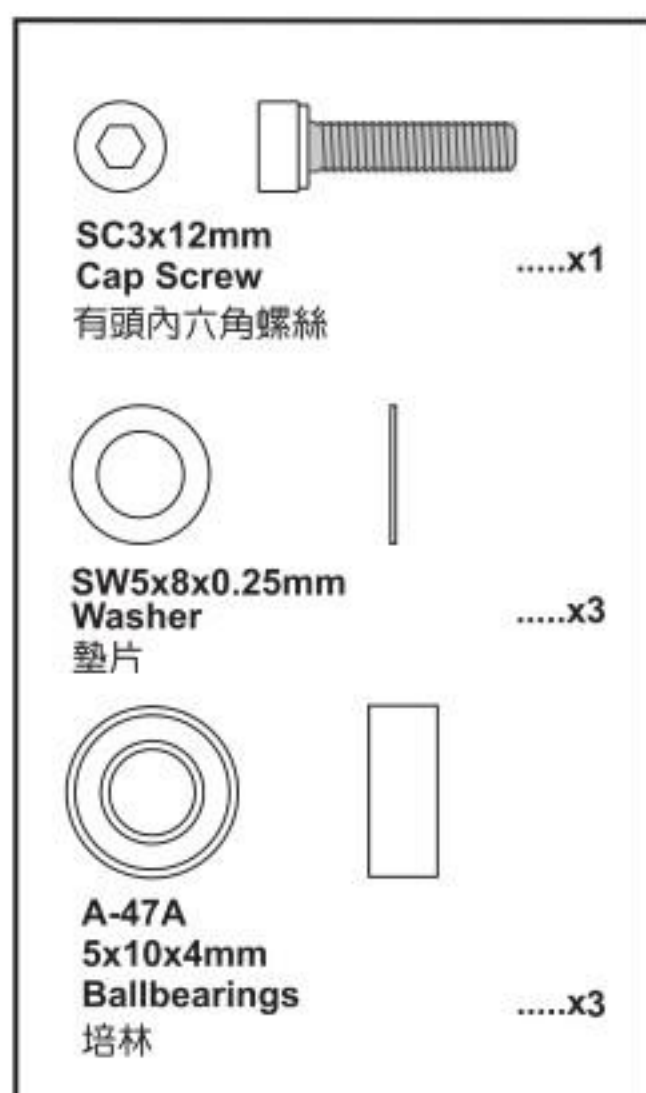
NO.6



52 ASSEMBLY OF THE CLUTCH BELL 組合離合器罩

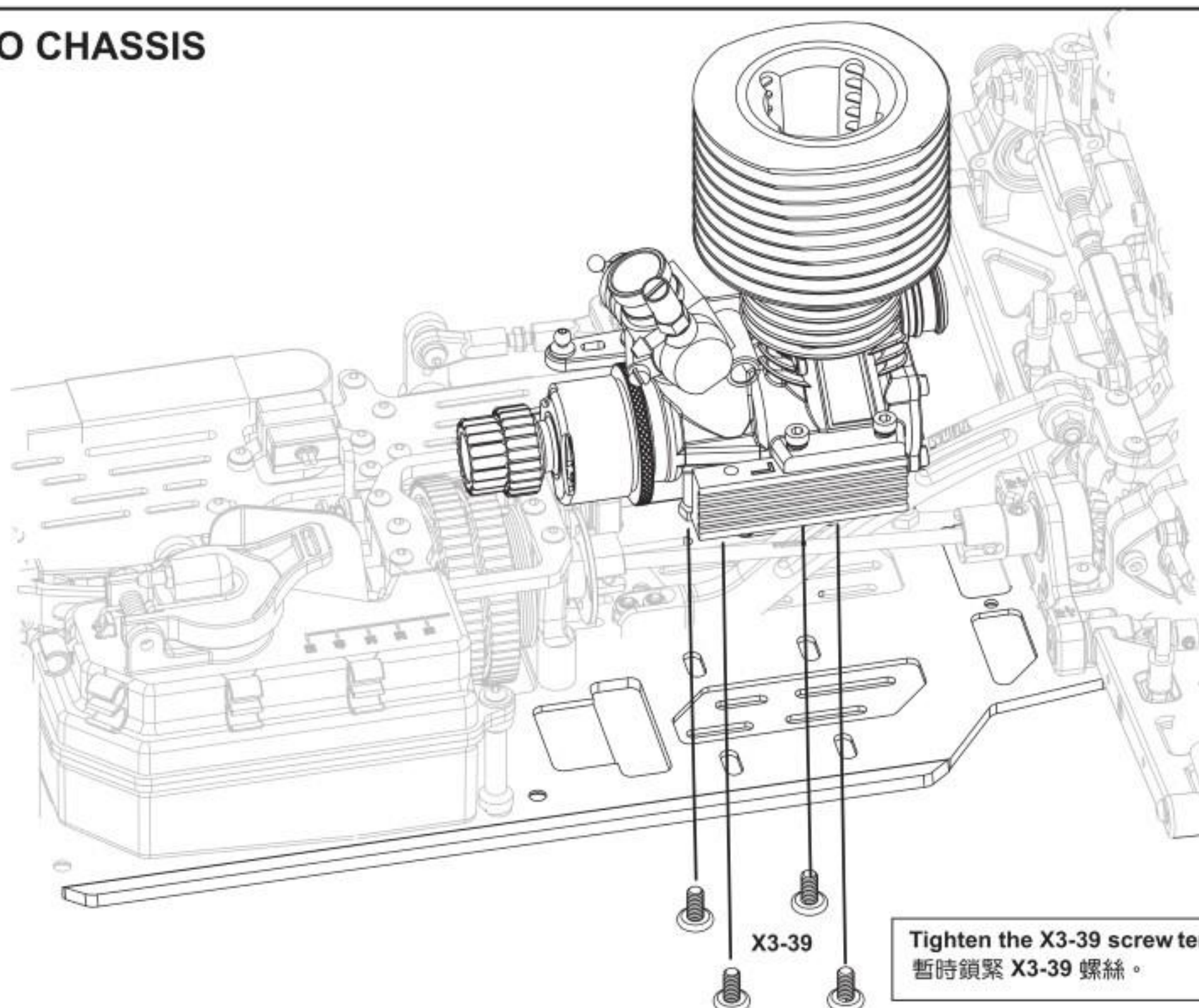
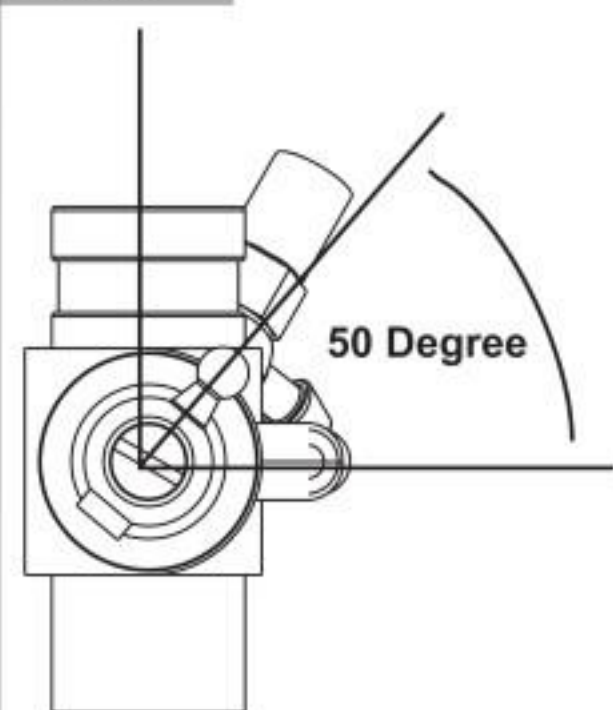


NO.6



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

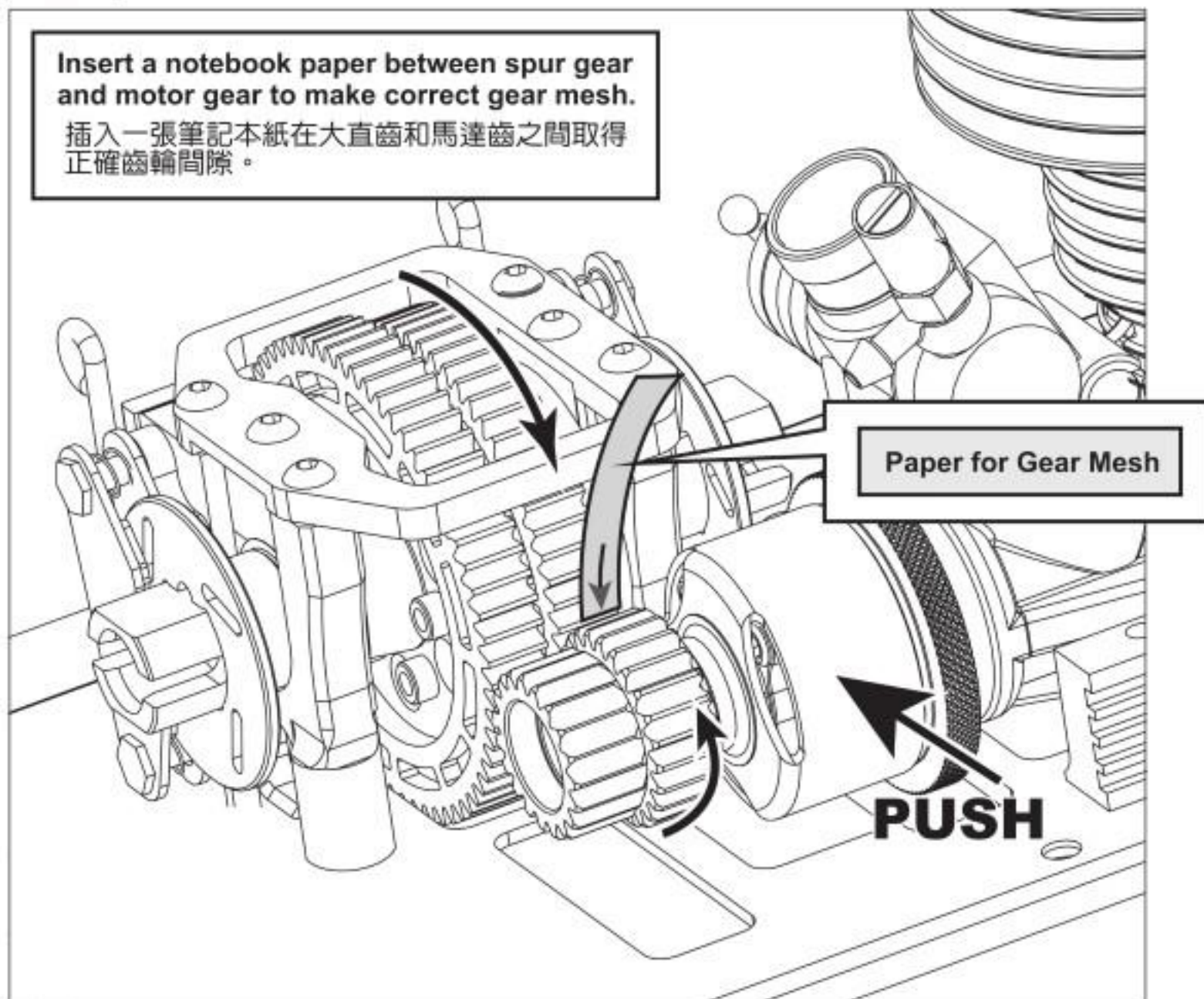
Step detail
步驟細節



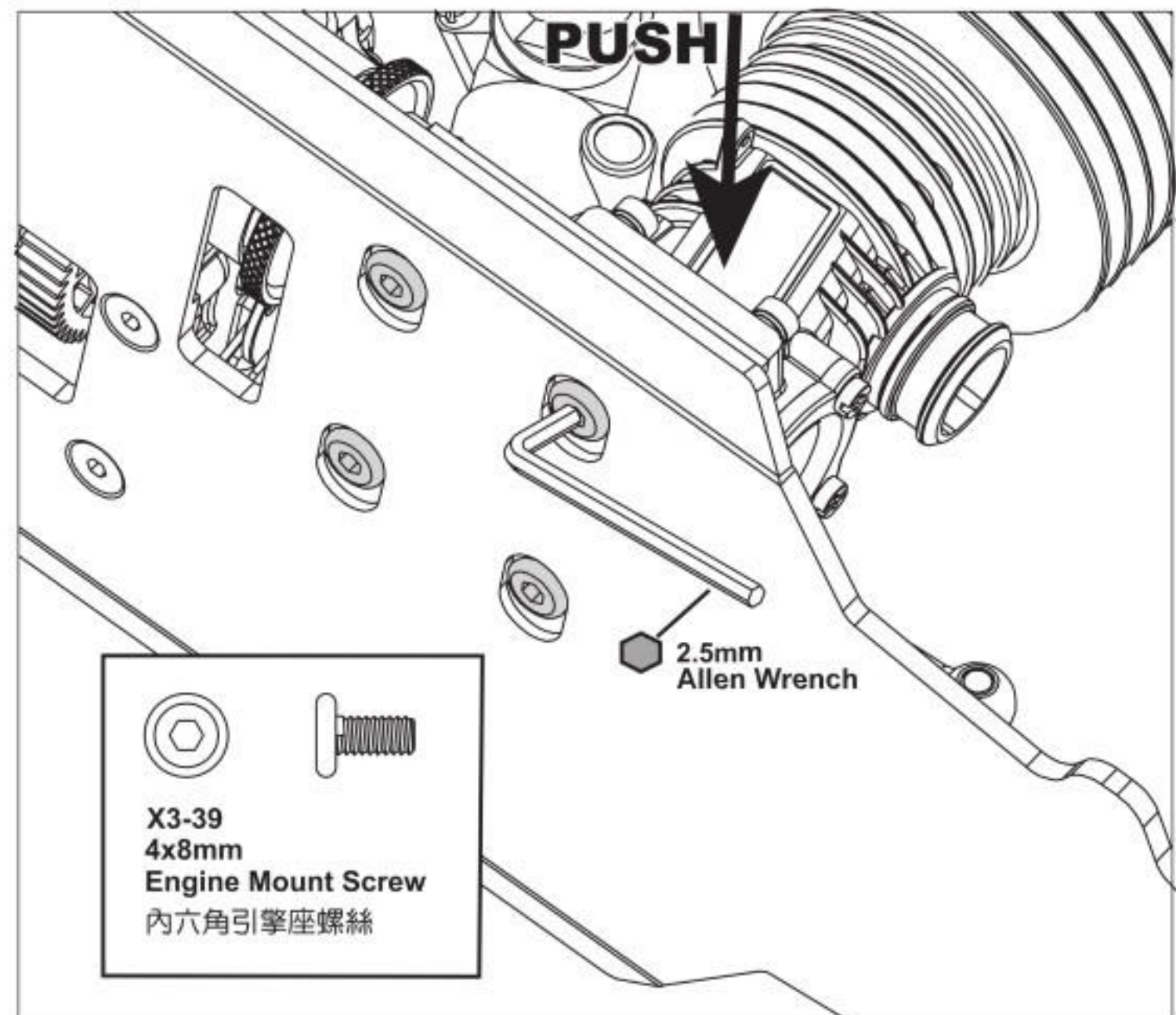
54 ADJUST ENGINE AND SPUR GEAR MAINTENANCE 調整引擎與大直齒距離

EXTREMELY IMPORTANT 非常重要

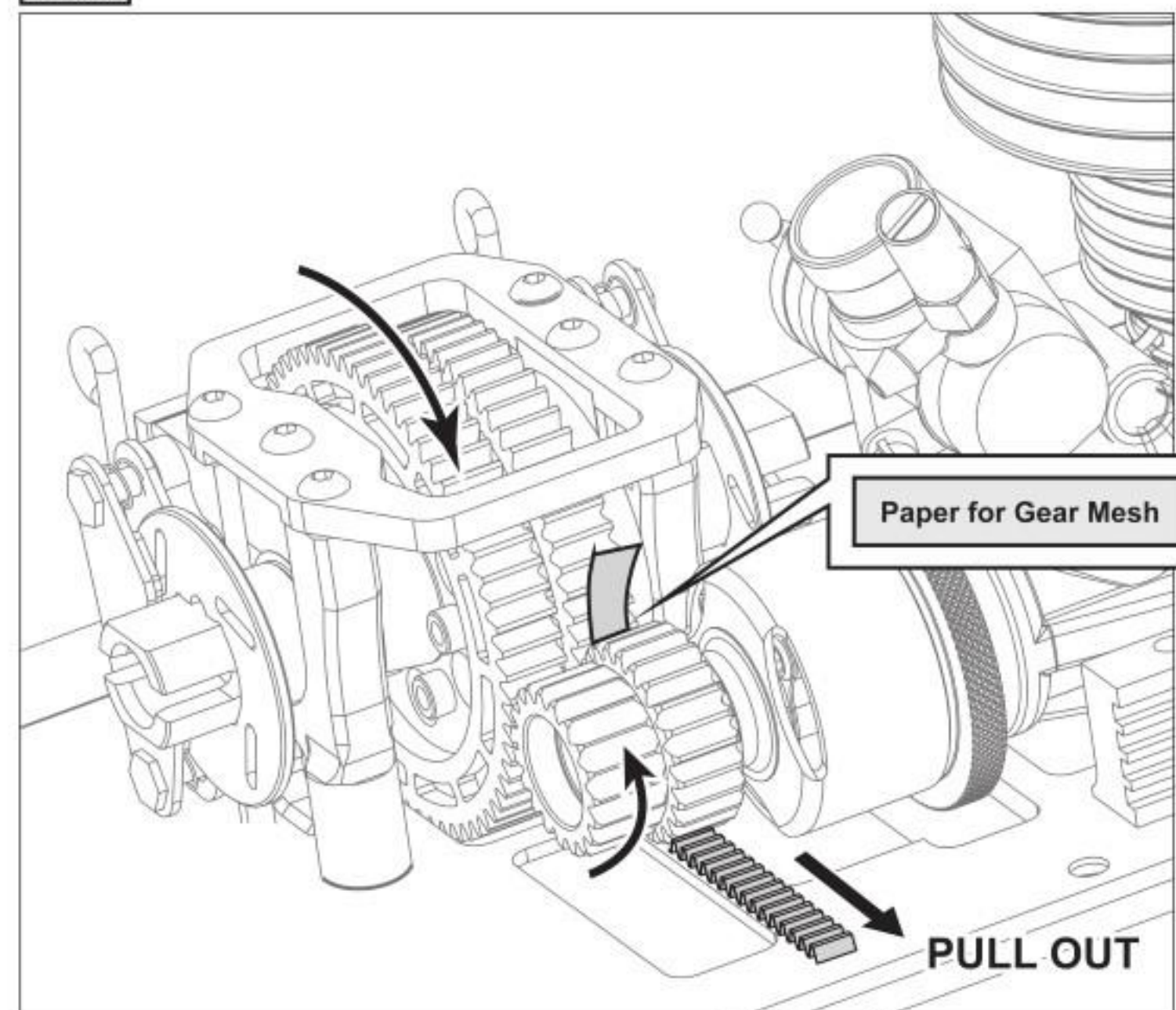
Step 1



Step 2

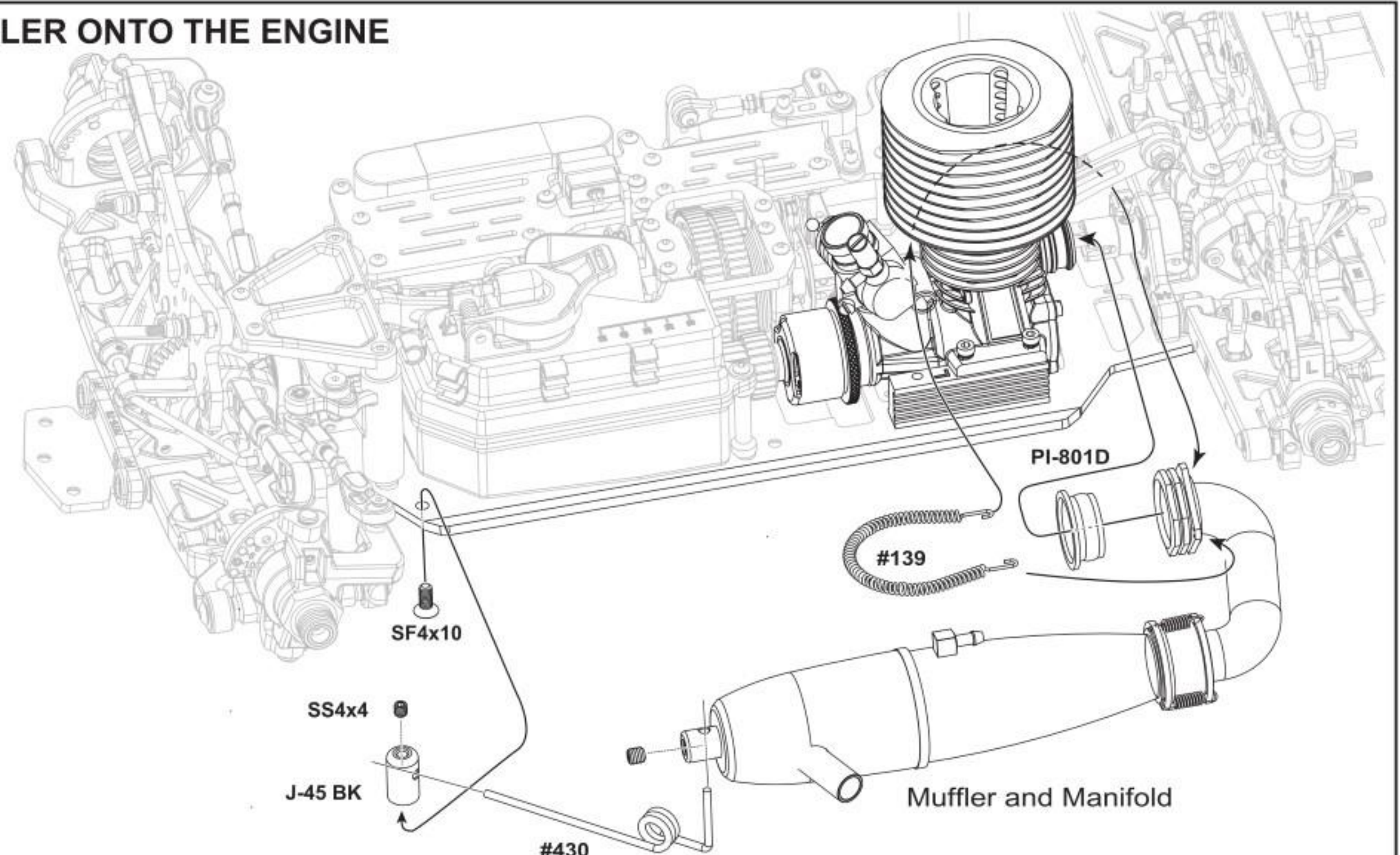
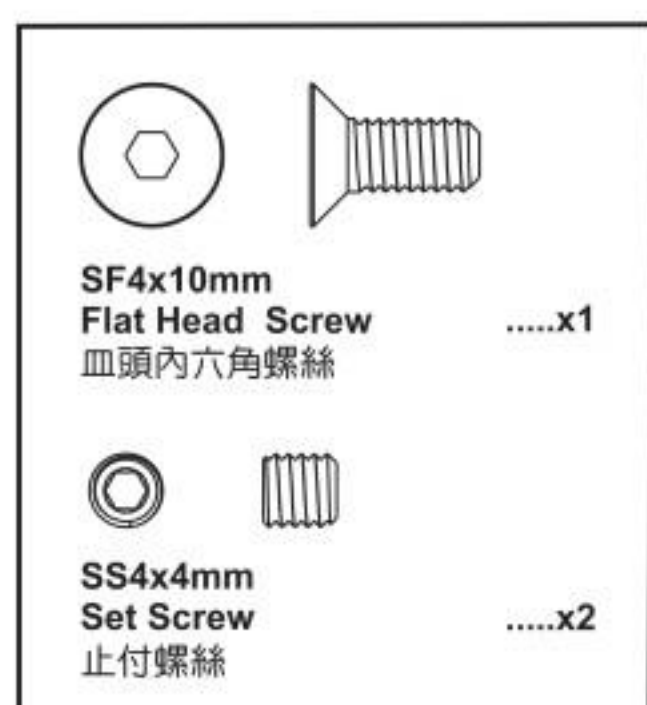


Step 3



- 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。

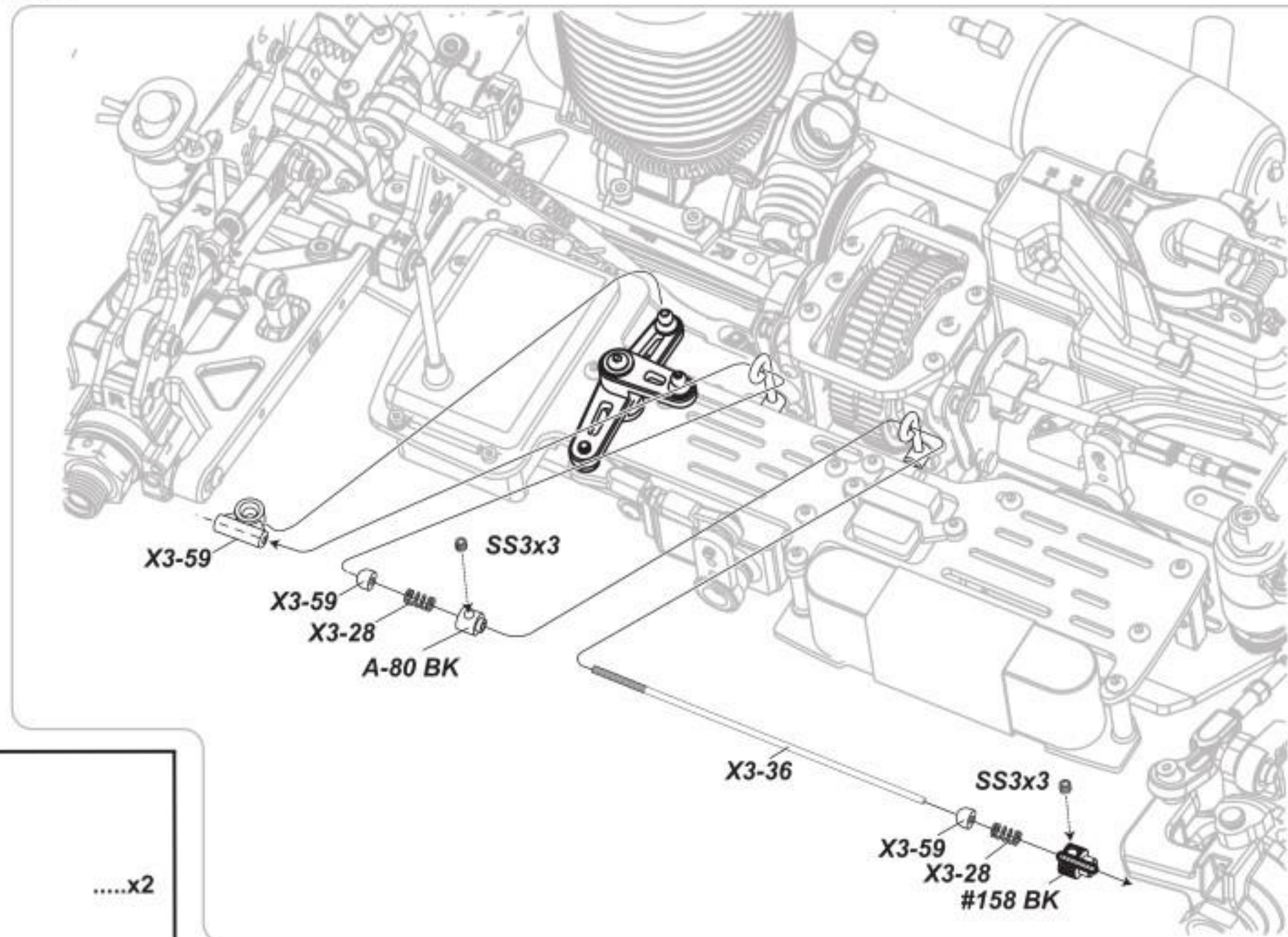
55 ASSEMBLY OF THE MUFFLER ONTO THE ENGINE 排氣管與引擎組合



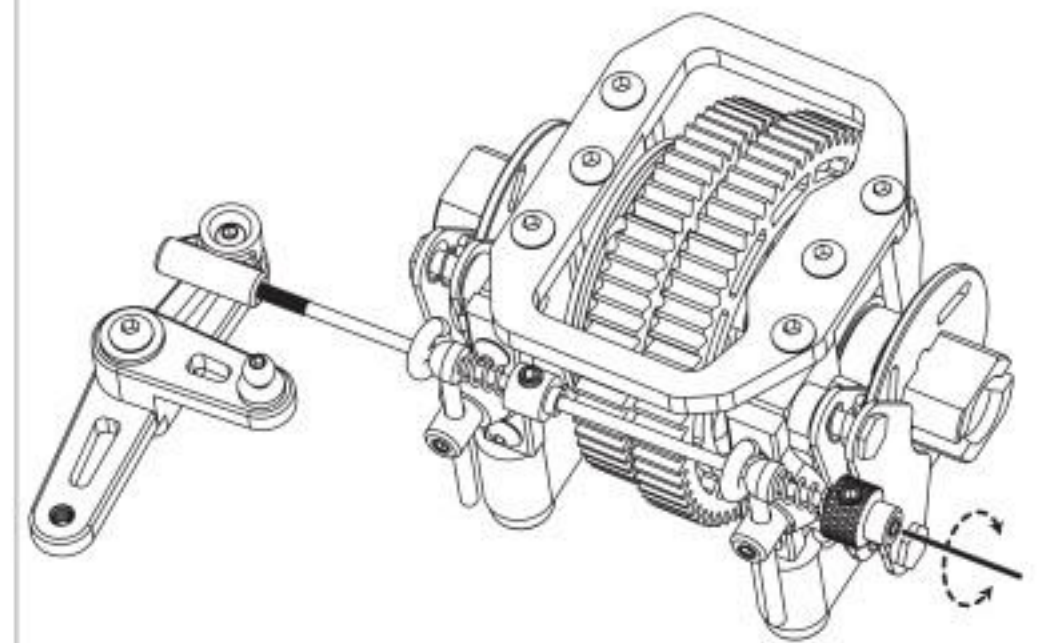
56 ASSEMBLY OF THE BRAKE LINKAGE

組合剎車調整組

Step 1

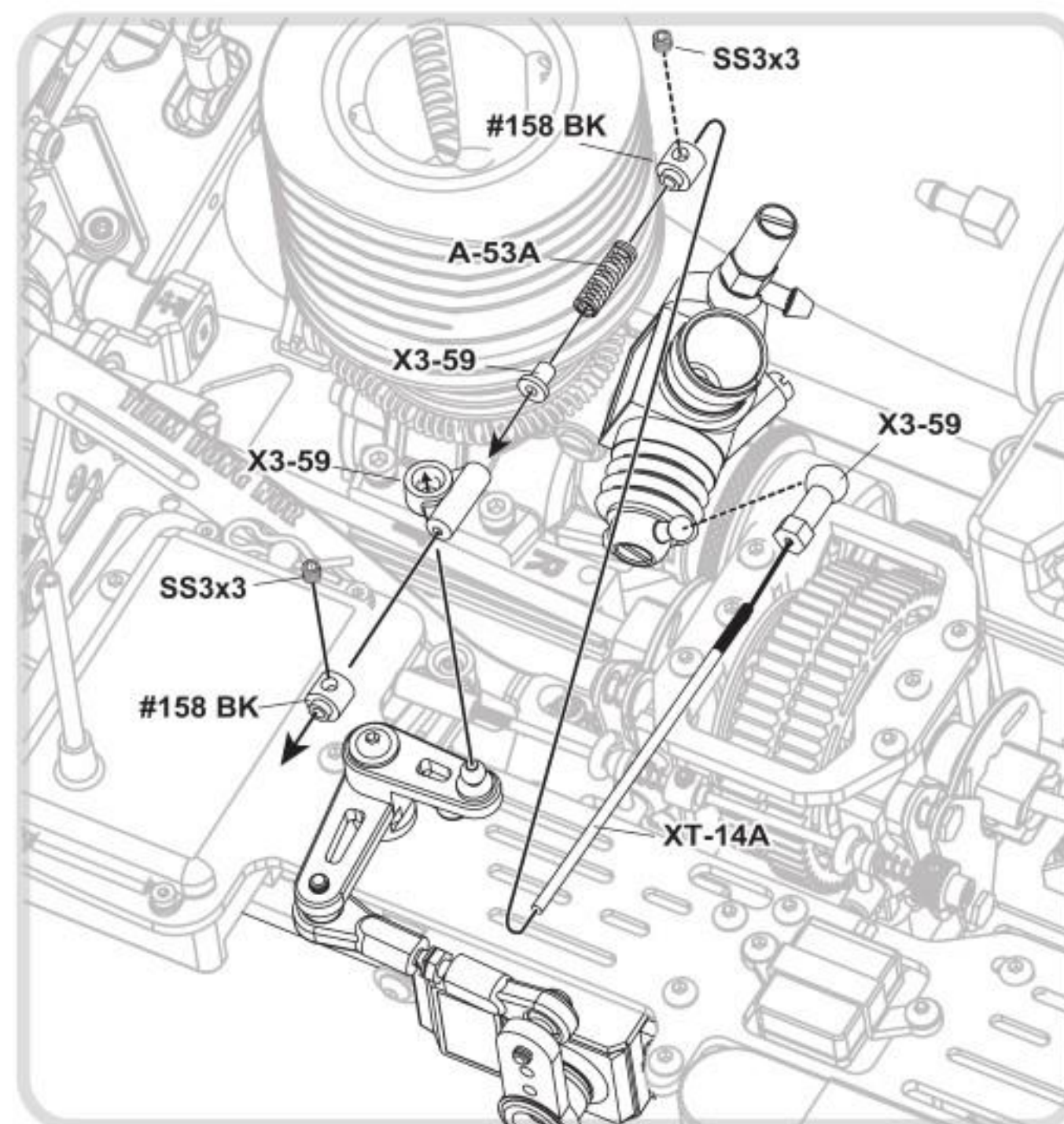


Step 2



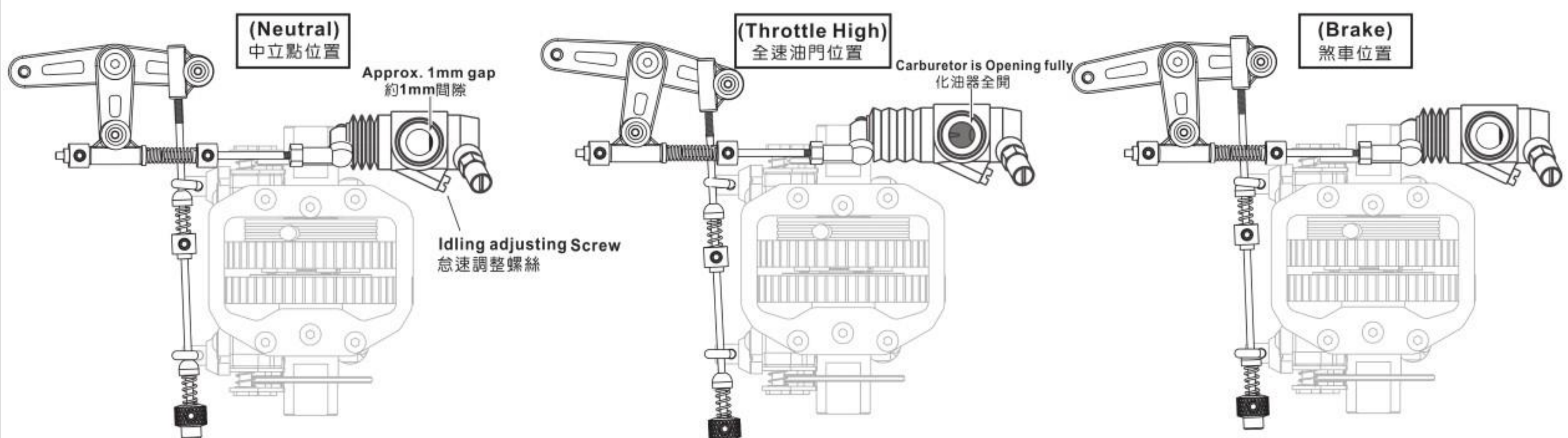
57 ASSEMBLY OF THE THROTTLE LINKAGE ONTO SERVO

組合油門伺服盤至伺服機



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伺服機片在中立位置
- * 調整怠速螺絲使化油器開口約1mm間隙。
- * 調整 #158 鋁輪檔與油門滑座約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.
- * 將遙控器油門開啟在全速位置。
- * 如果化油器開啟不足或過度，請改變油門滑座和伺服片的安裝孔位，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

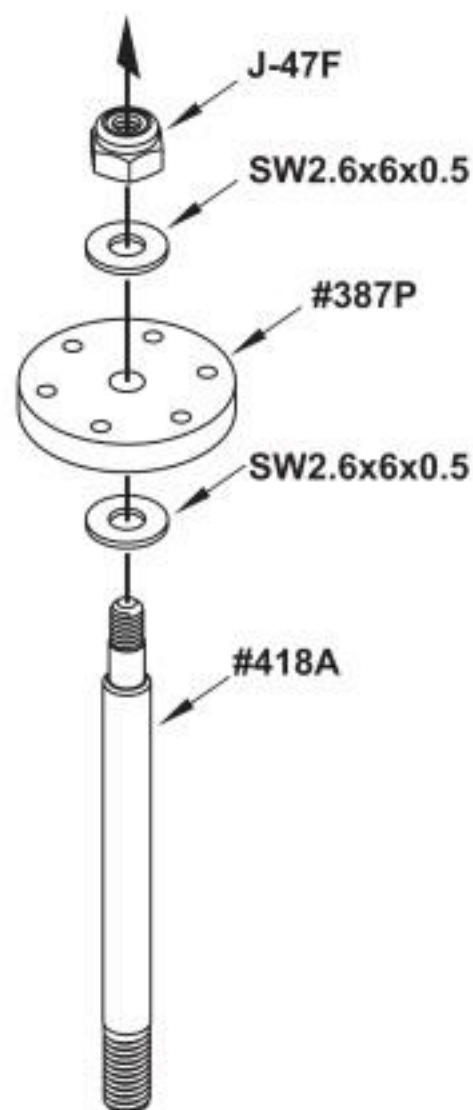
- * Adjust #158R so the brakes work smoothly.
- * If the brakes apply too much or not enough, adjust A80A accordingly. Or if available on the Transmitter, adjust the High-End Brake adjustment.
- * Adjust A-80A and #158 to Change the front or Rear Brake.
- * 調整彈簧鋁輪檔使煞車動作滑順。
- * 如果煞車不足或過度，請適度調整#158鋁輪檔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

59 ASSEMBLY OF THE SHOCK SHAFTS 組合避震器



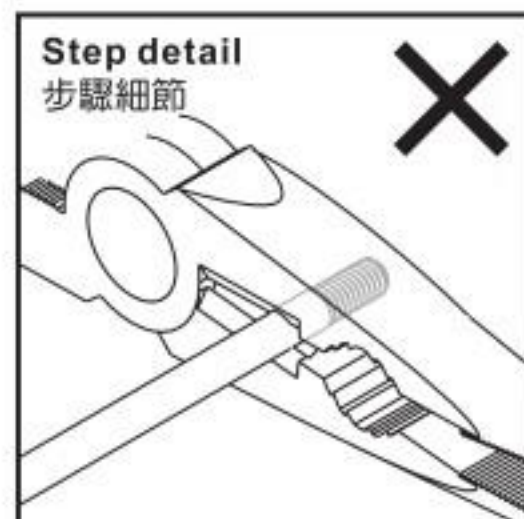
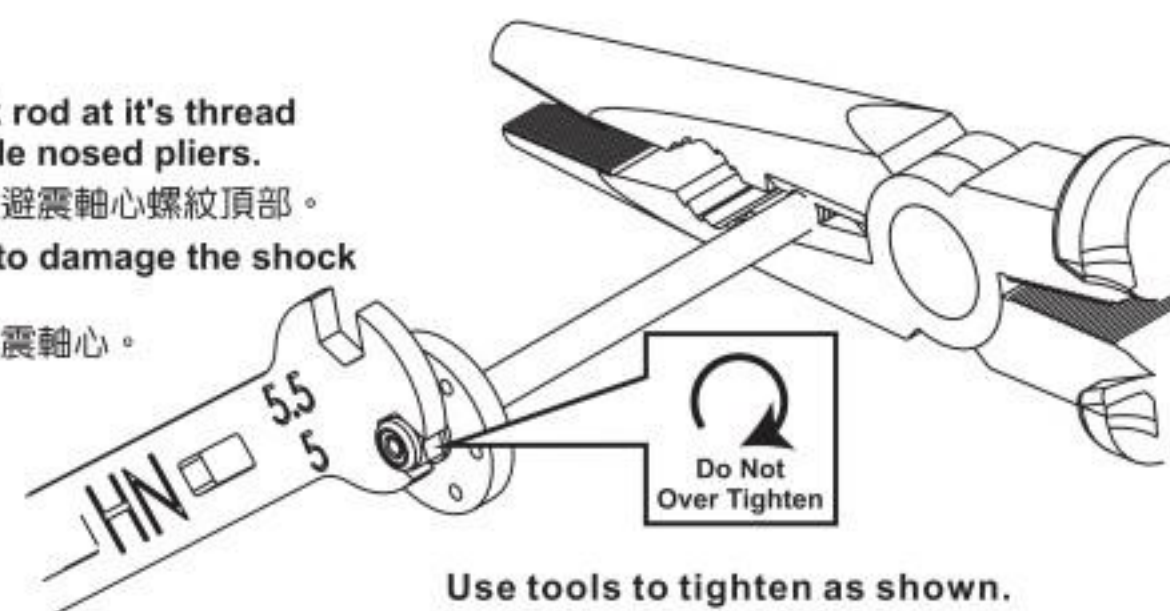
NO.9

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。

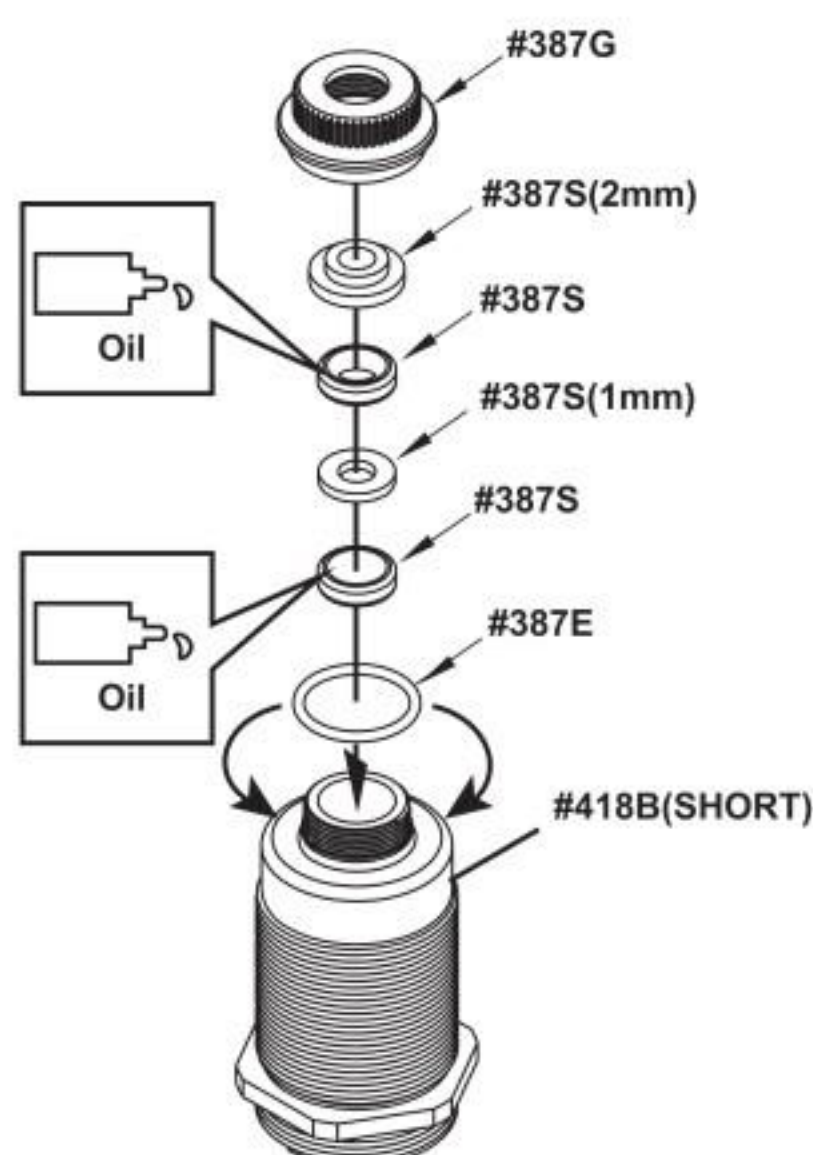


60 ASSEMBLY OF THE SHOCK O-RING 組合避震器



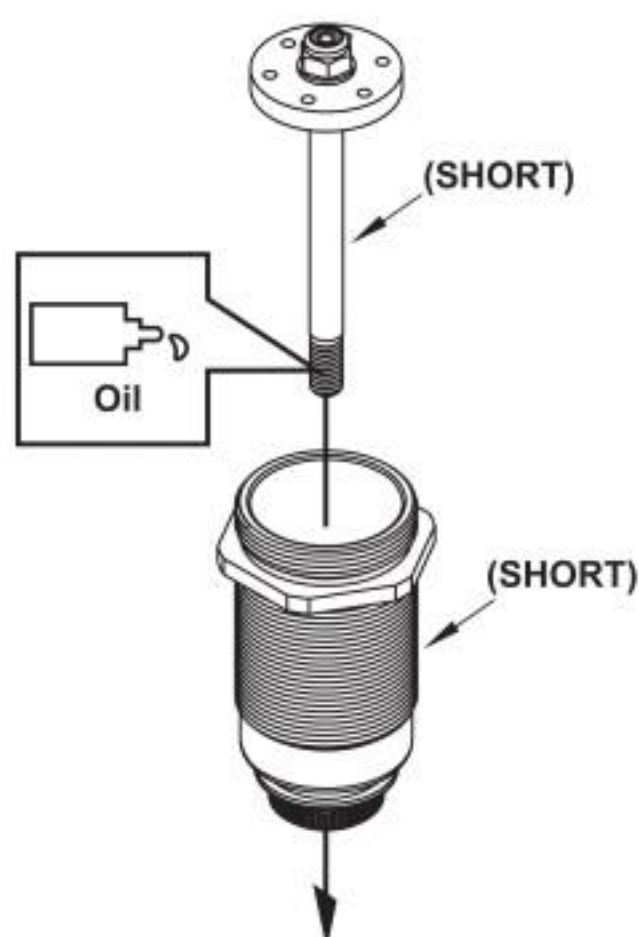
NO.9

x4



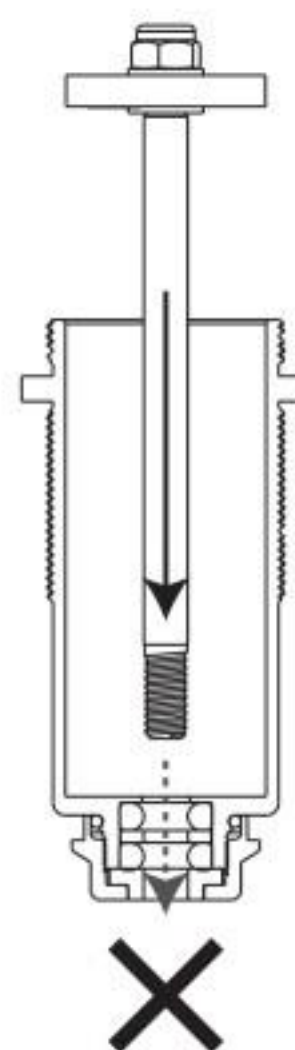
61 ASSEMBLY OF THE SHOCK SHAFTS INTO SHOCK BODIES 組合避震器

x4

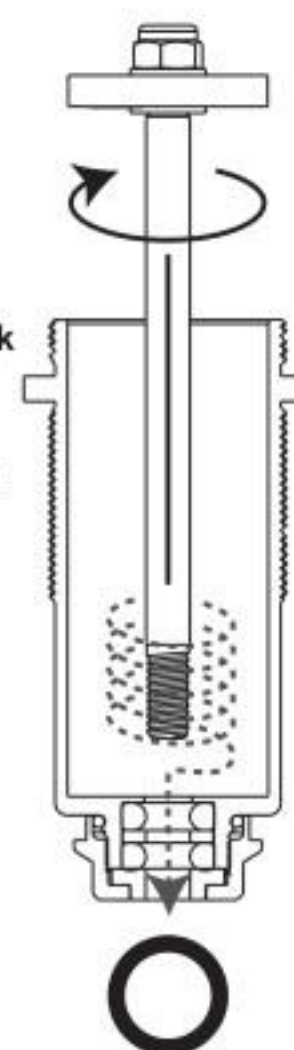


⚠ EXTREMELY IMPORTANT 非常重要

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套筒底部；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套筒底部。

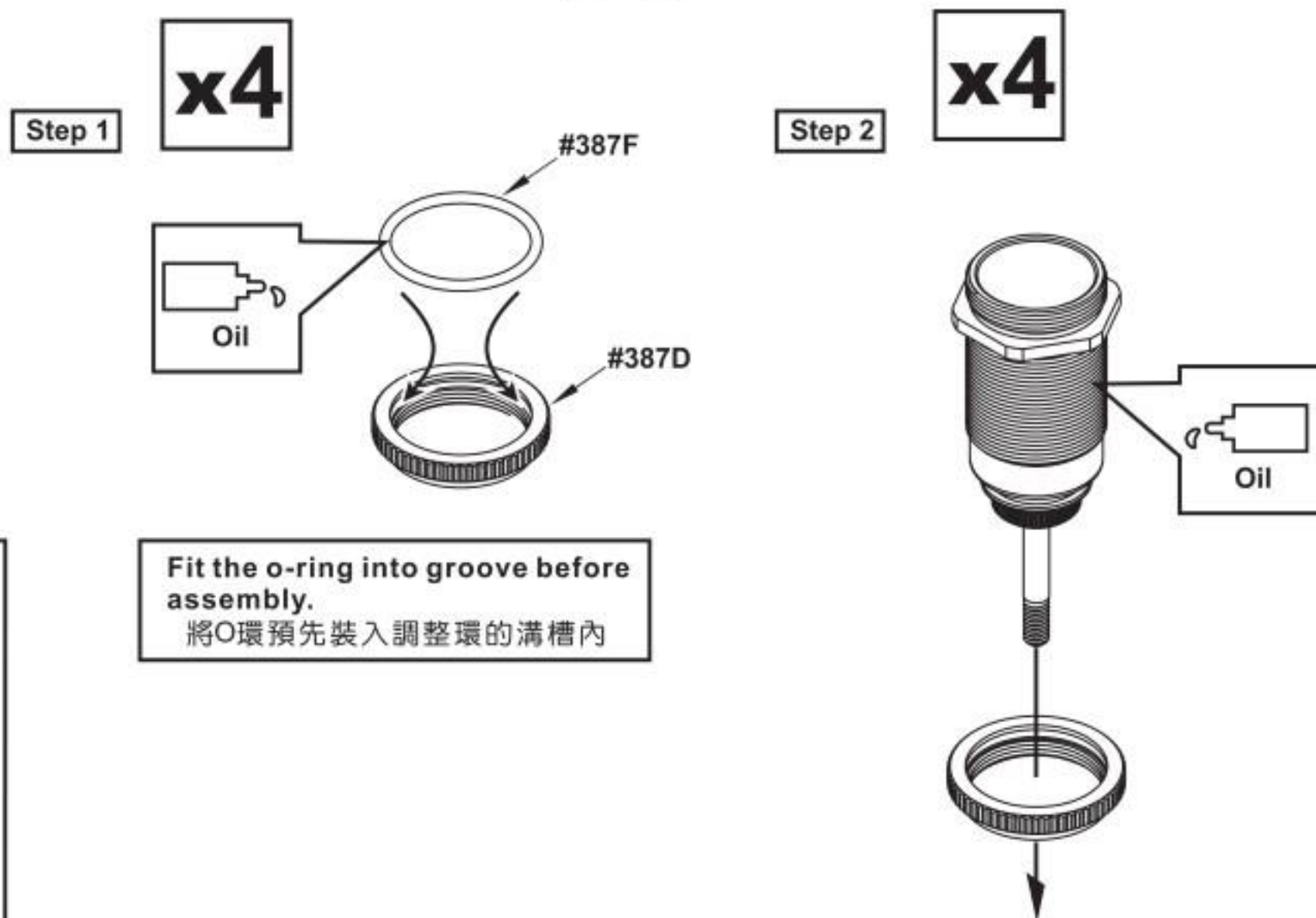


62 ASSEMBLY OF THE SHOCK ADJUST RING

組合避震器



NO.9

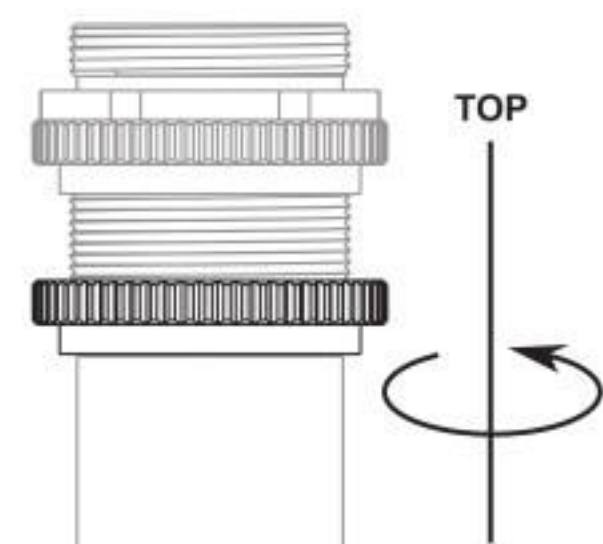


Fit the o-ring into groove before assembly.
將O環預先裝入調整環的溝槽內

#387F
19x1.5 O-RING
O型環

.....x4

Step detail
步驟細節



63 ASSEMBLY OF THE SHOCK BALL END

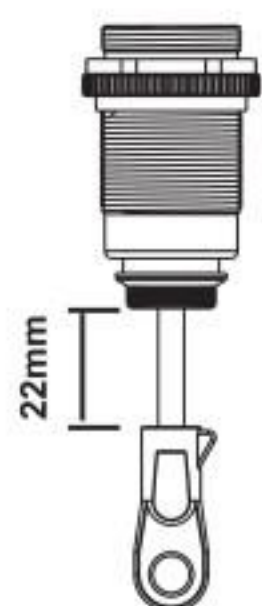
組合避震器



NO.9

x4

Step detail
步驟細節

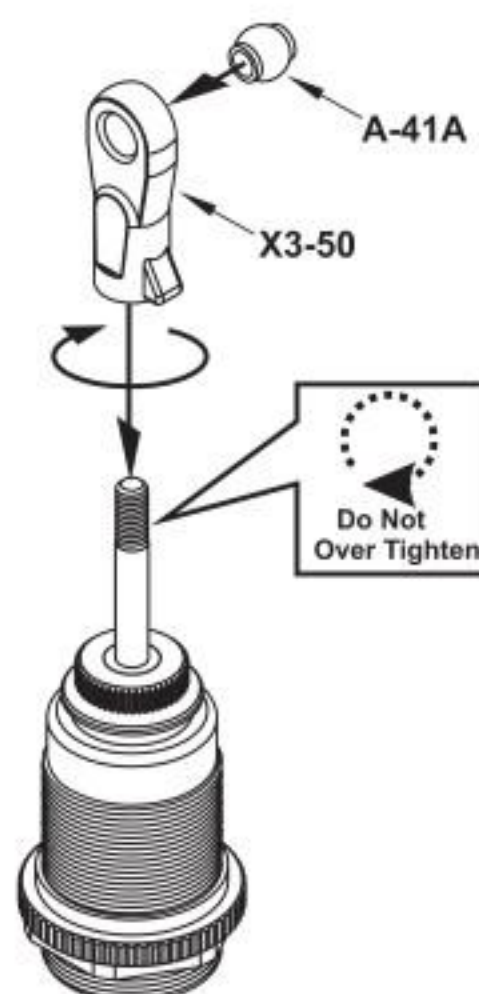


Attention distance.
注意距離。

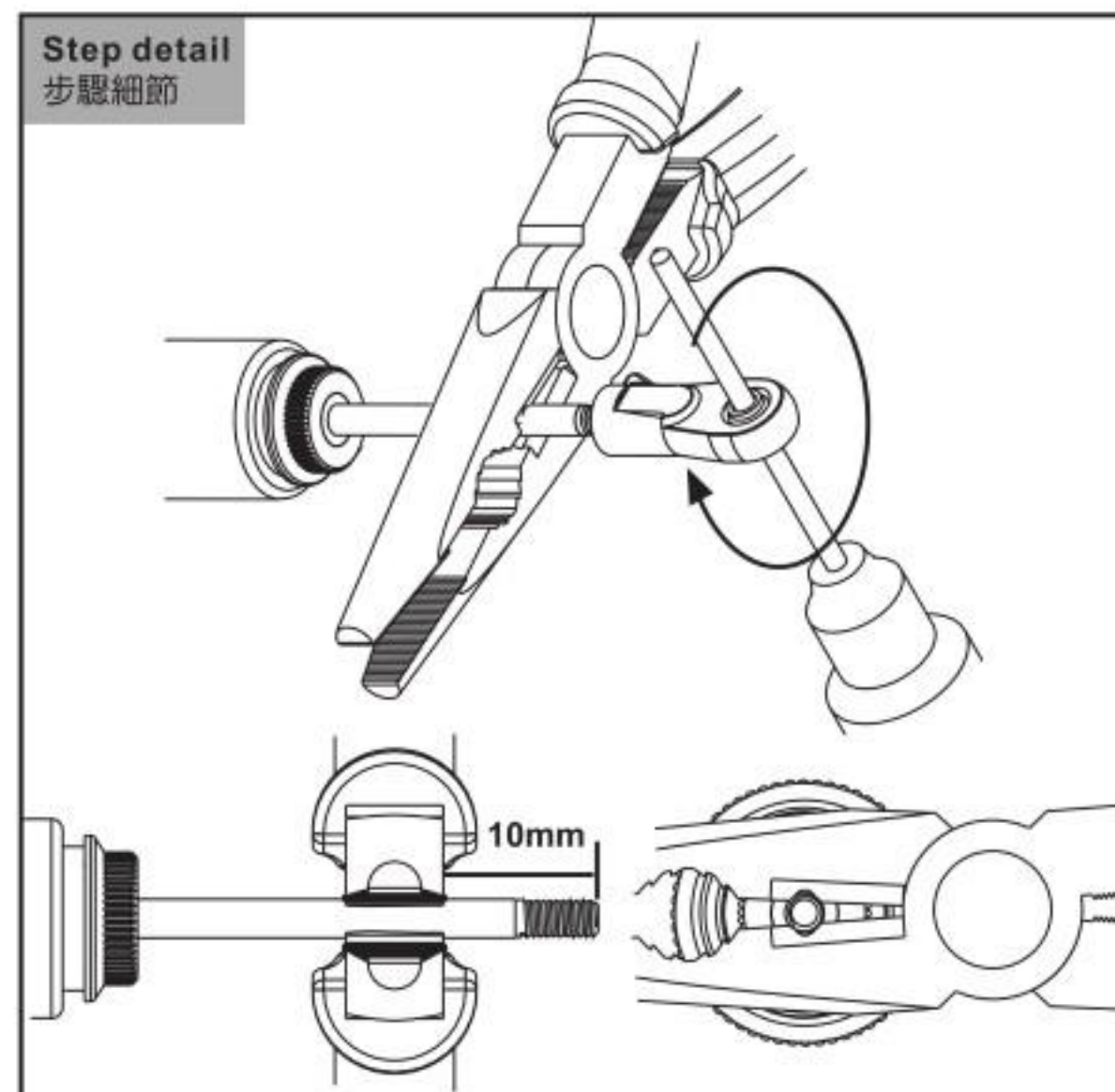


A-41A
6mm Ball
球型

.....x4



Step detail
步驟細節



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

64 SETTING THE SHOCK

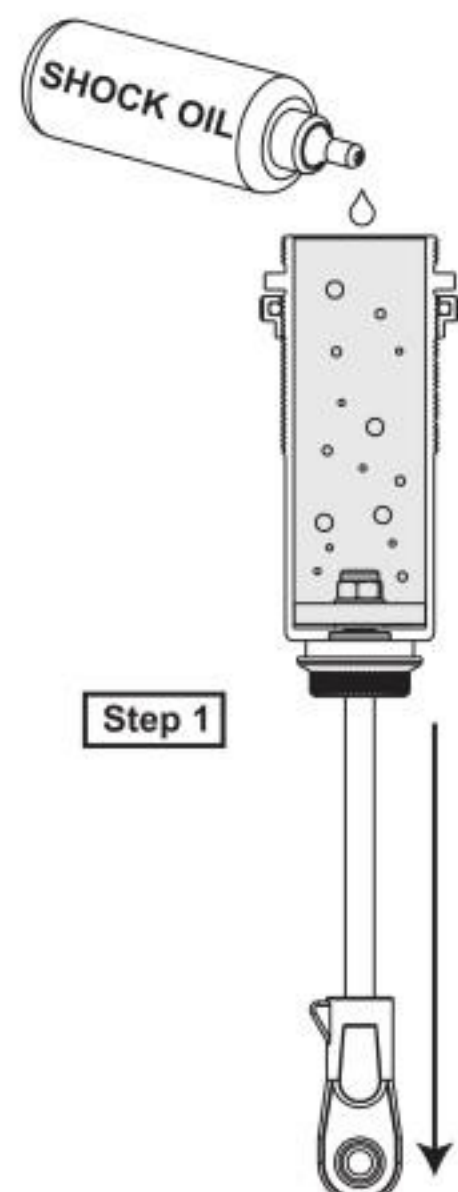
設置避震器



NO.9

x4

SHOCKS OIL #800
避震器油 #800



Step 1

Step 2



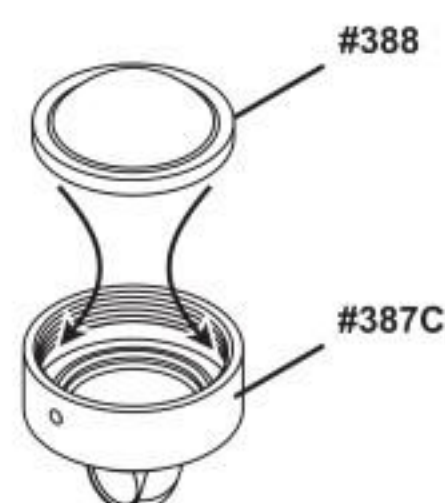
3~5x
UP & DOWN
上下拉動

Step 3

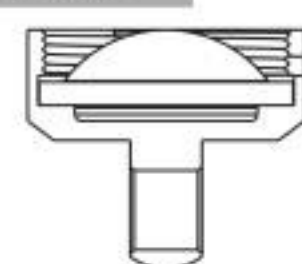


Time

Step 4



Step detail
步驟細節



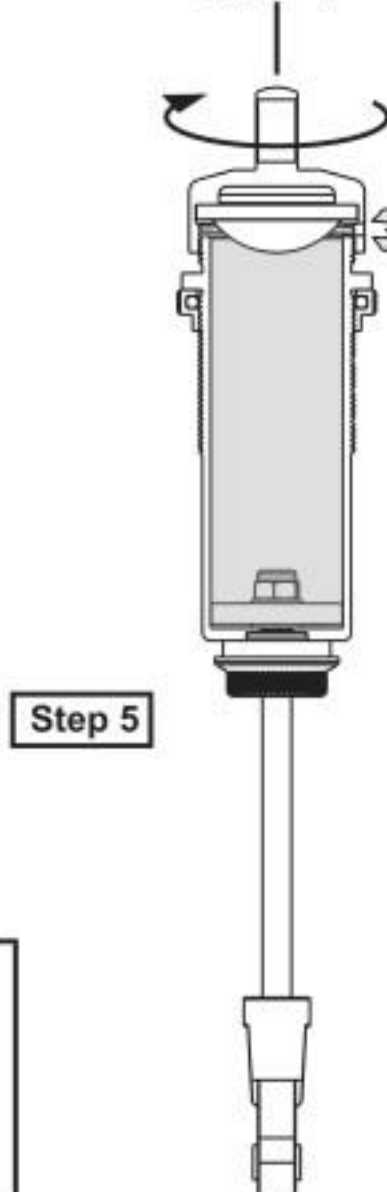
- Leave the filled shock vertically for several minutes with the shock shaft fully extended.
將避震軸心下拉到底垂直放置幾分鐘。
- The remaining air bubbles will release.
剩餘空氣氣泡會消散。

REBOUND TO 100% (HIGH REBOUND)

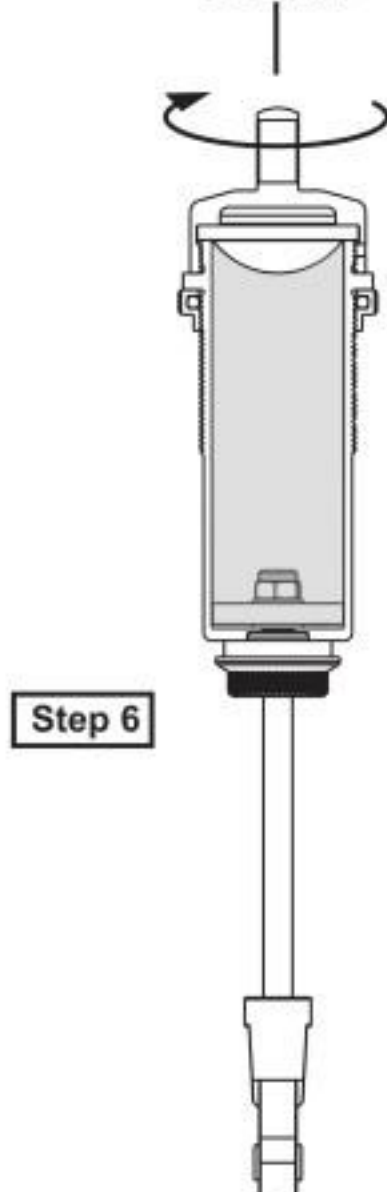
設置避震器反彈到 100% (高反彈)

TIGHTENED HALF WAY 50%
鎖緊一半

TIGHTENED 100%
完全鎖緊



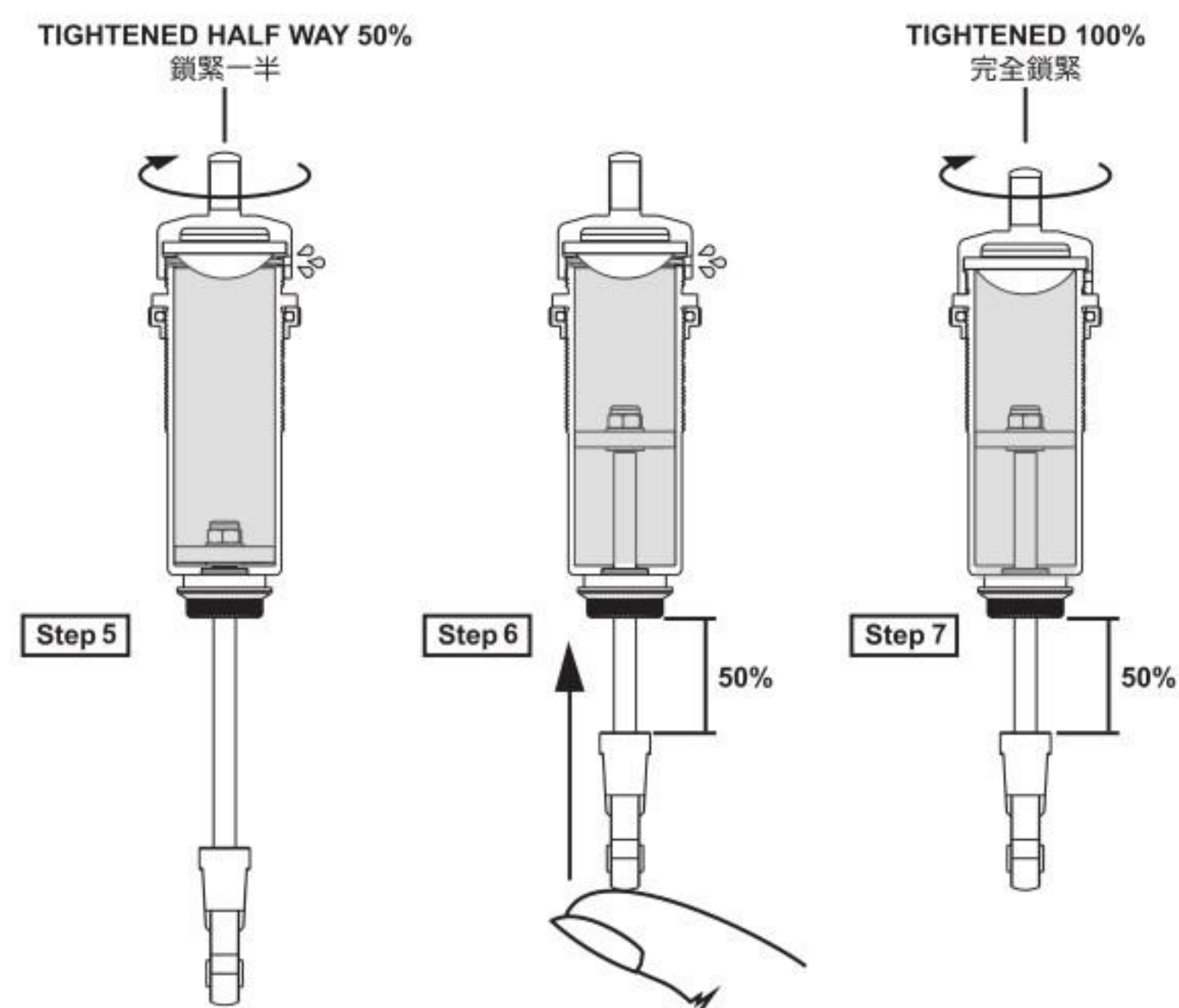
Step 5



Step 6

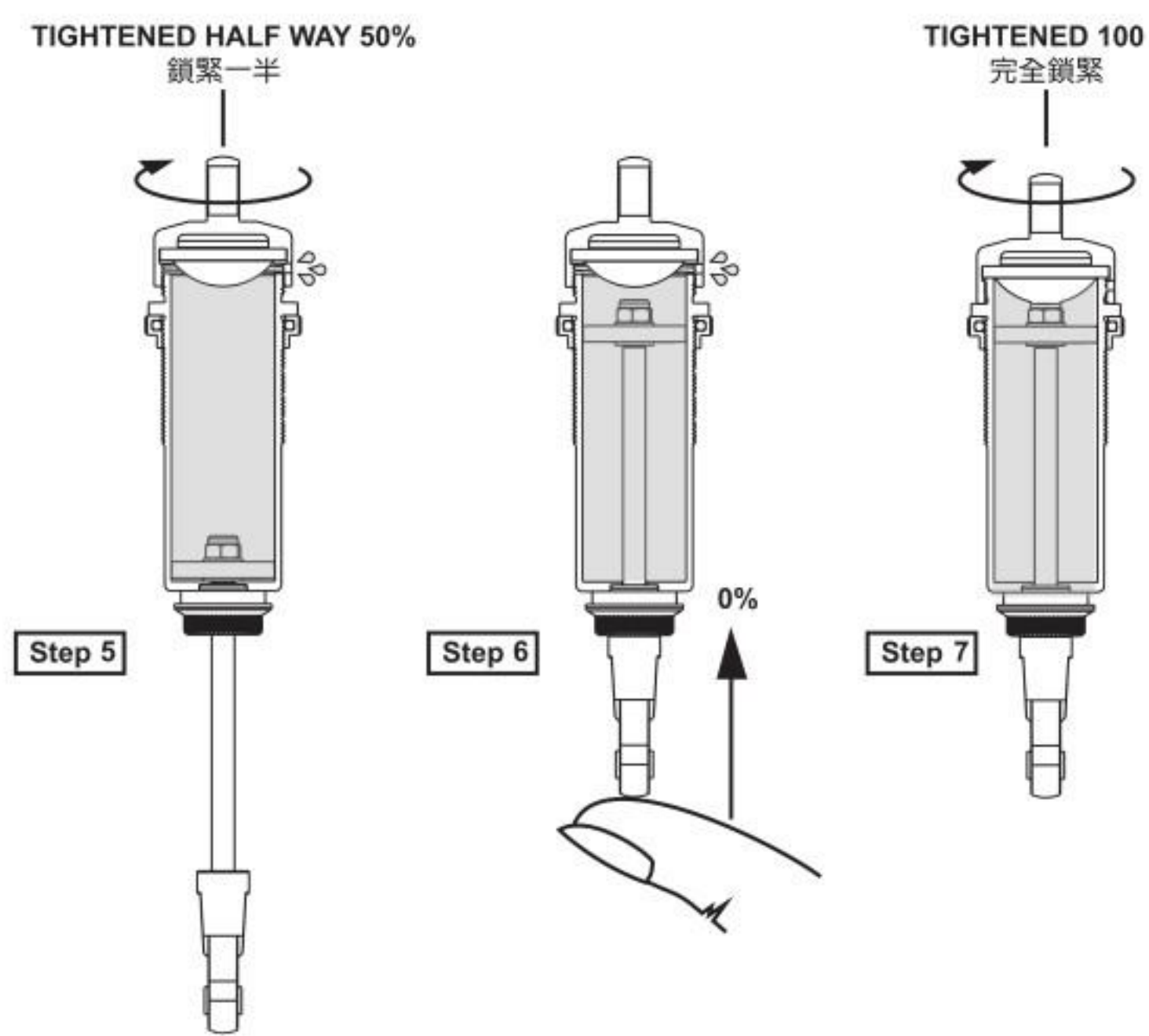
65 SETTING THE SHOCK REBOUND TO 50% (MEDIUM REBOUND)

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)



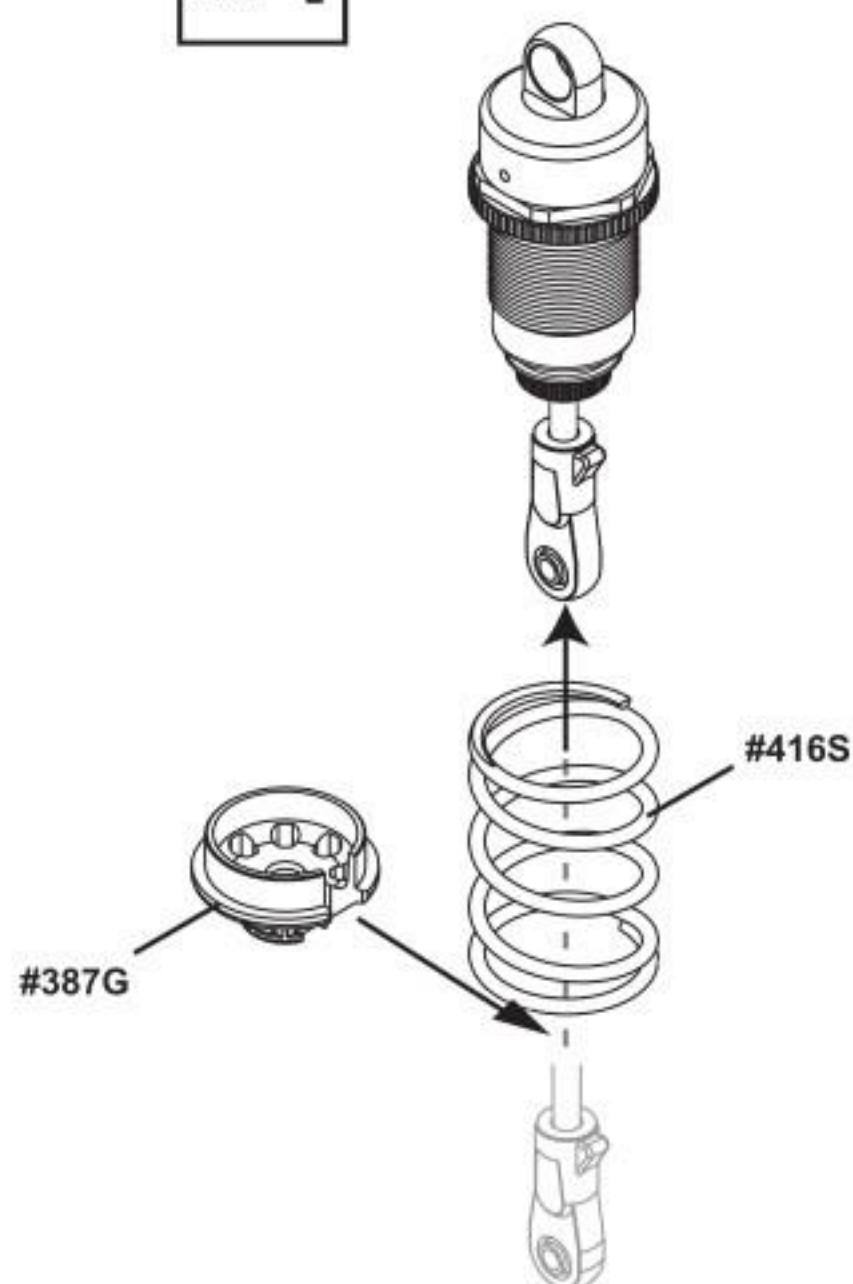
66 ASSEMBLY OF THE SHOCKS SPRING

組合避震器彈簧



NO.9

x4



67 ASSEMBLY OF THE SHOCKS INTO THE FRONT SHOCK STAY

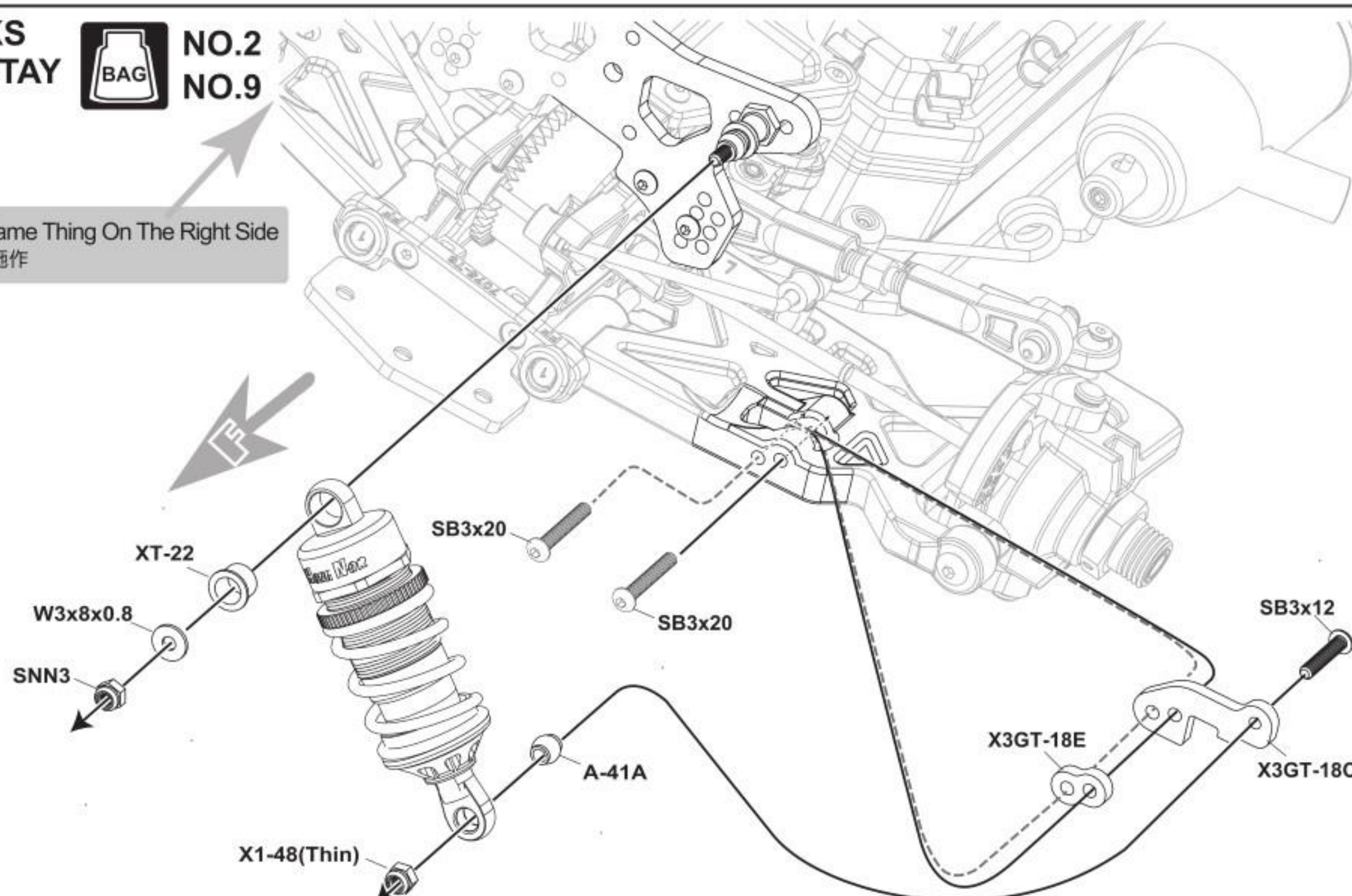
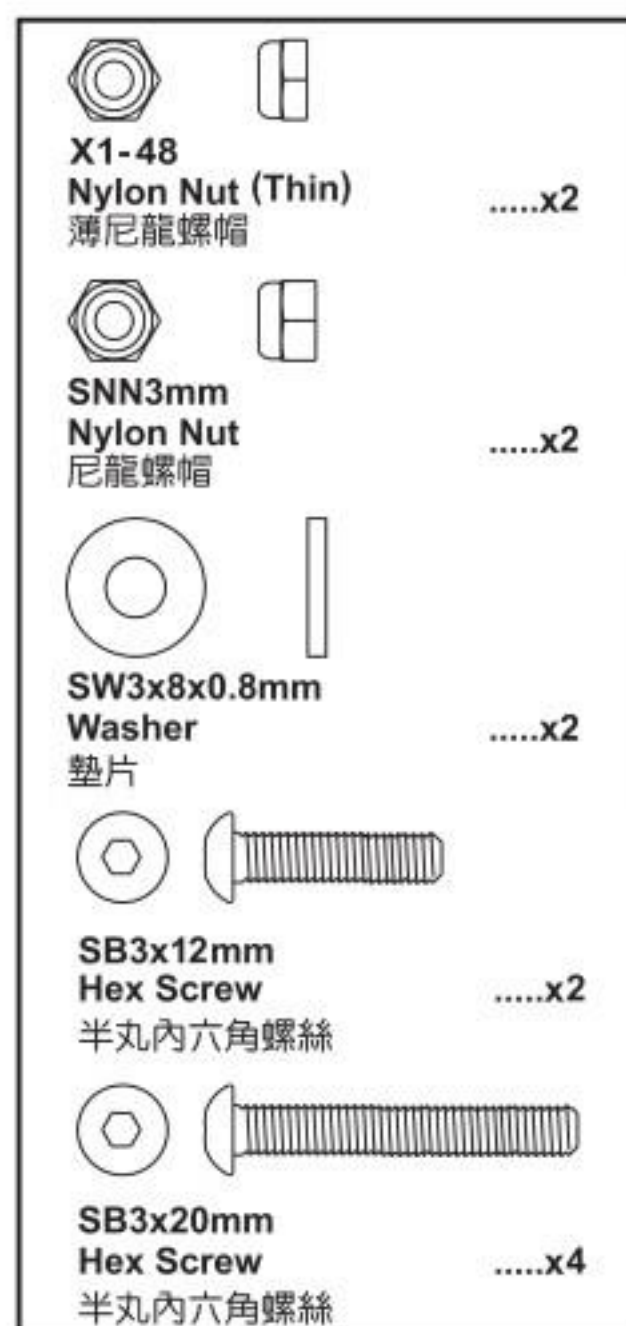
組合避震器至前油壓架



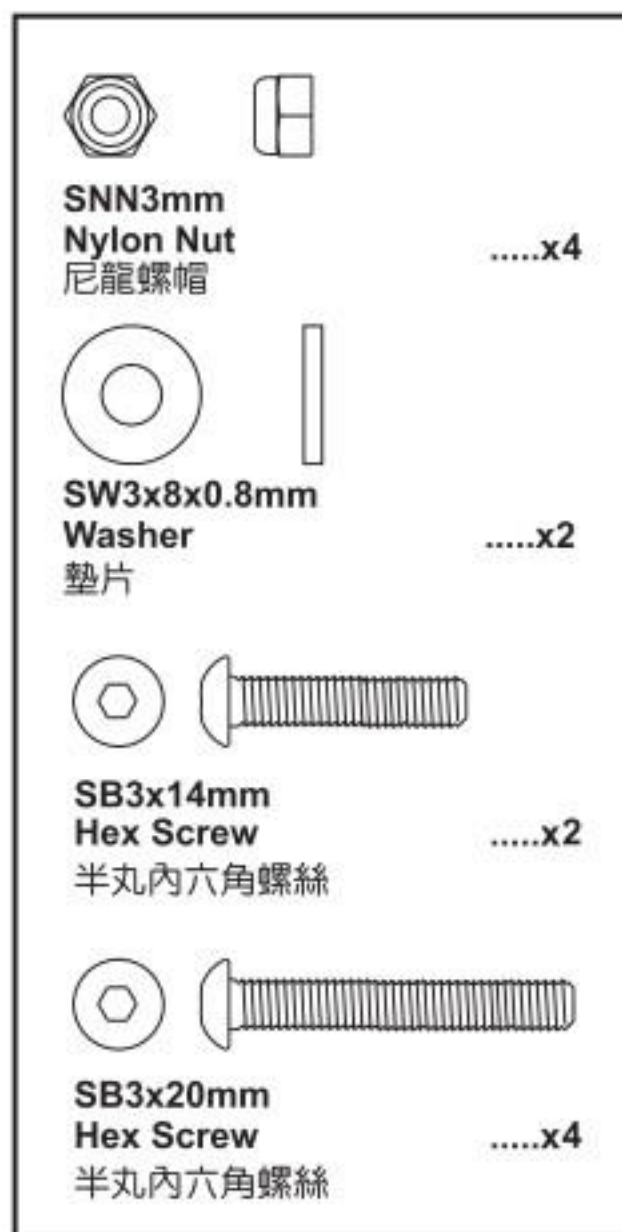
NO.2

NO.9

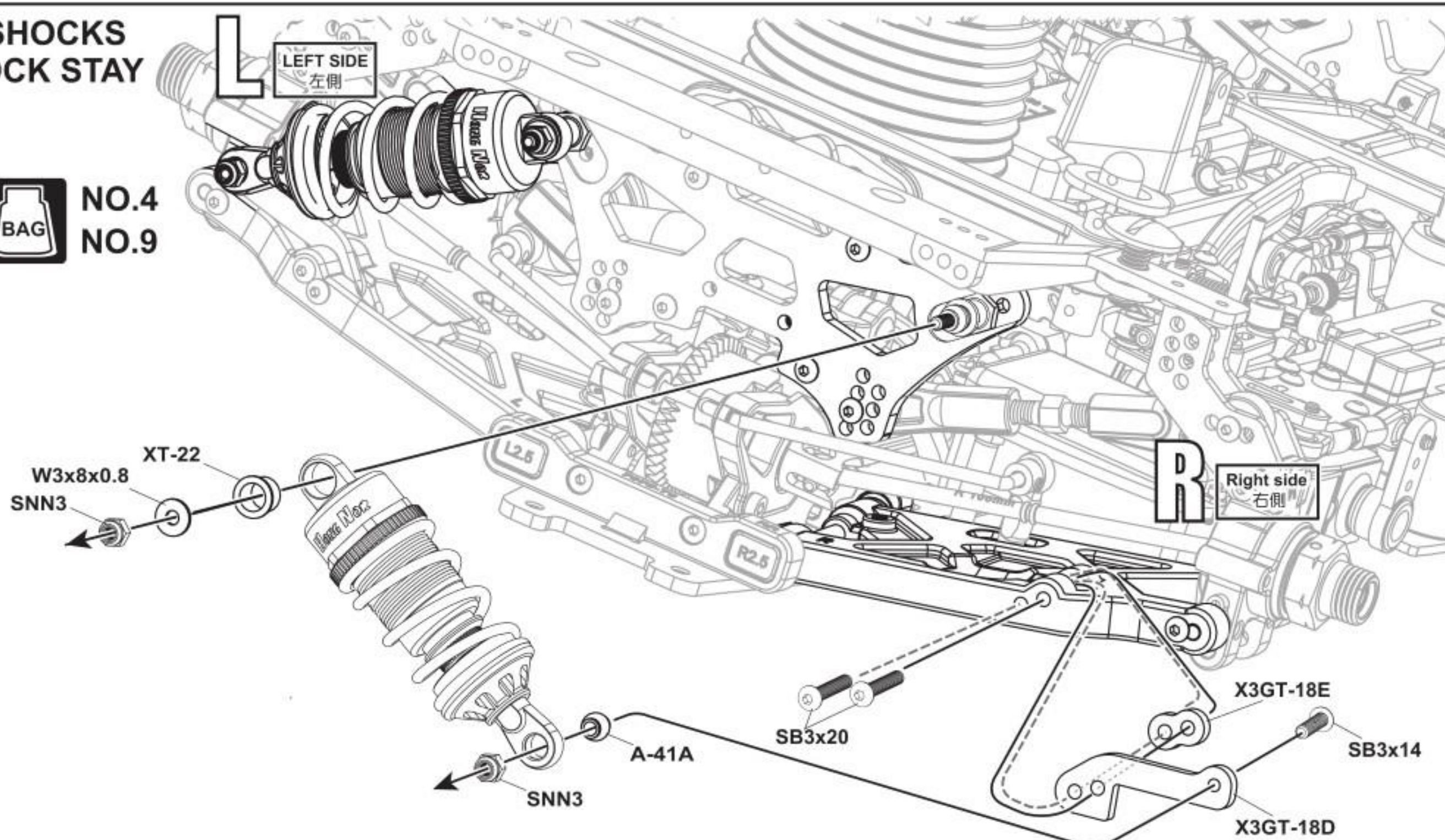
Do The Same Thing On The Right Side
右側同樣施作



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

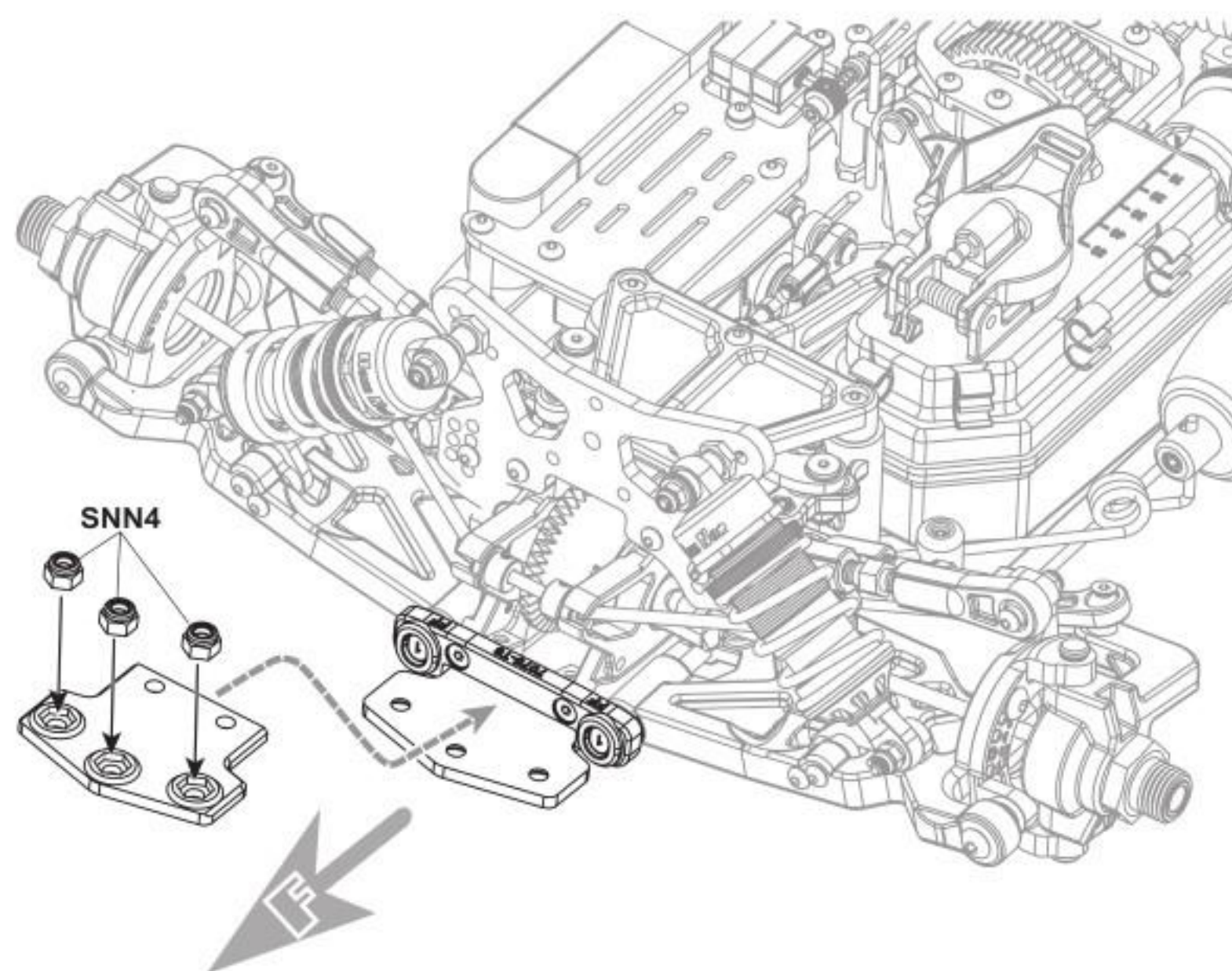


BAG NO.4 NO.9



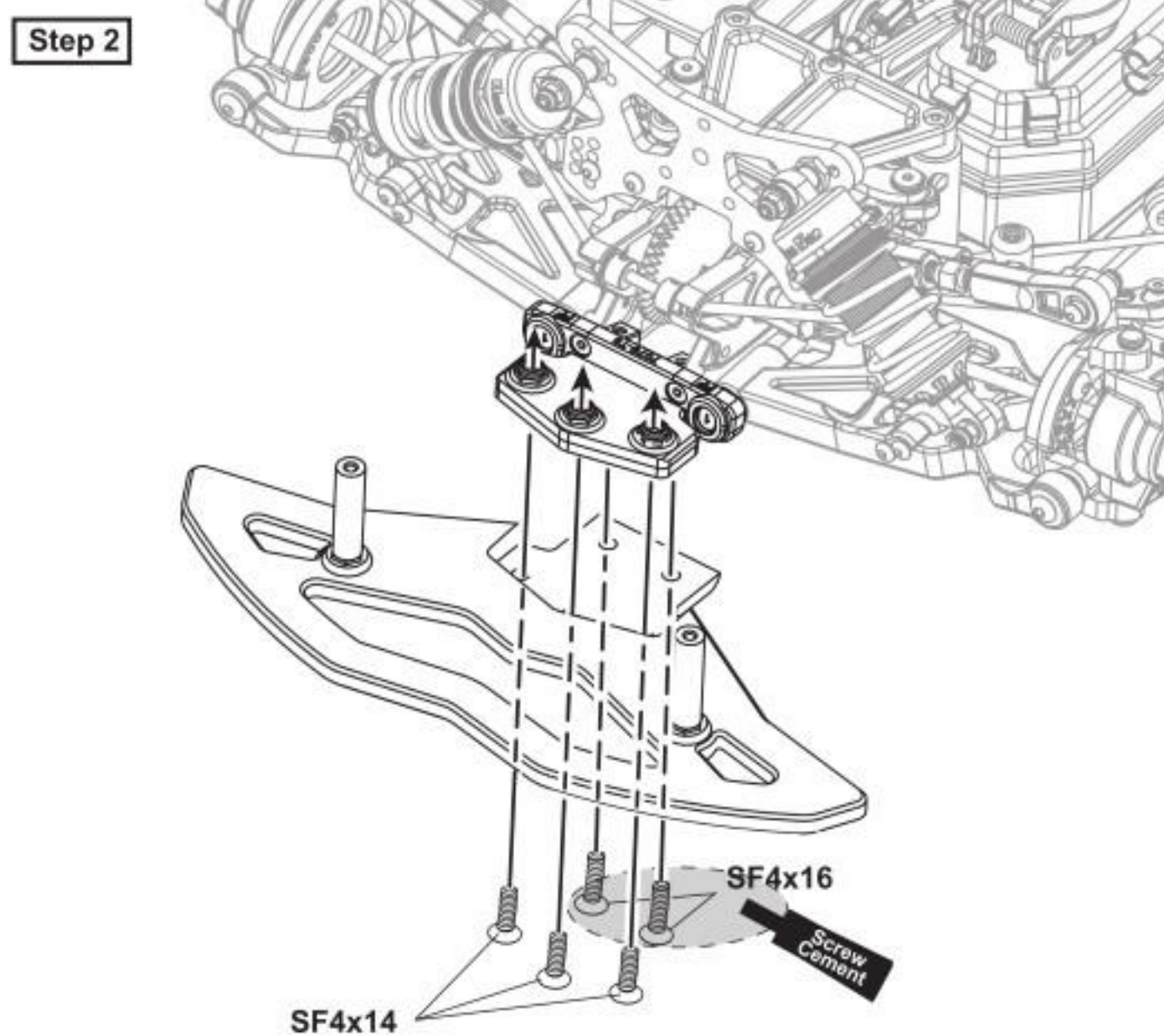
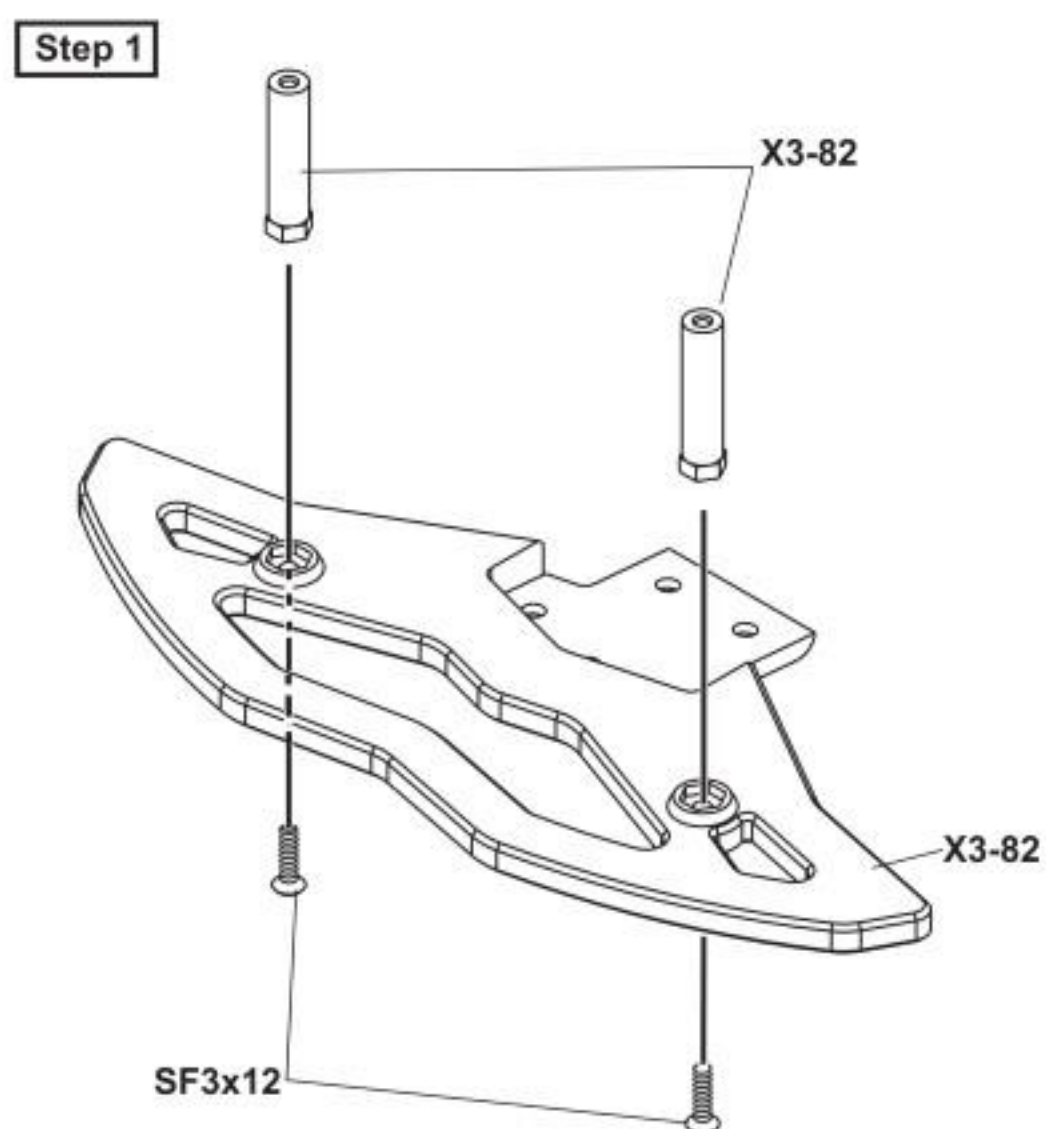
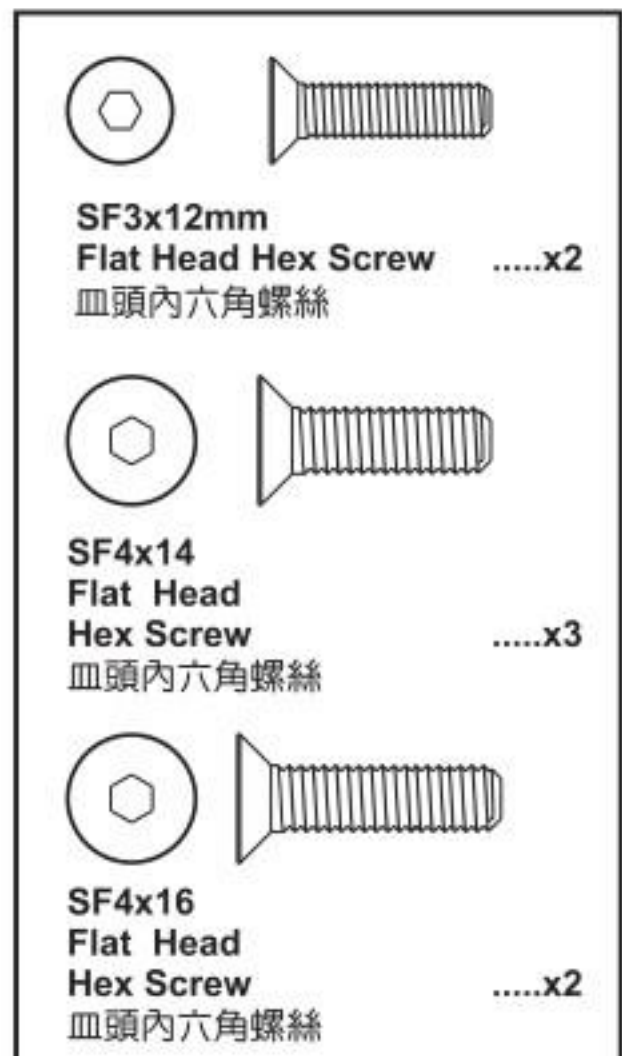
69 ASSEMBLY OF THE FRONT BUMPER 前防撞板組合

BAG NO.8



70 ASSEMBLY OF THE FRONT BUMPER 前防撞板組合

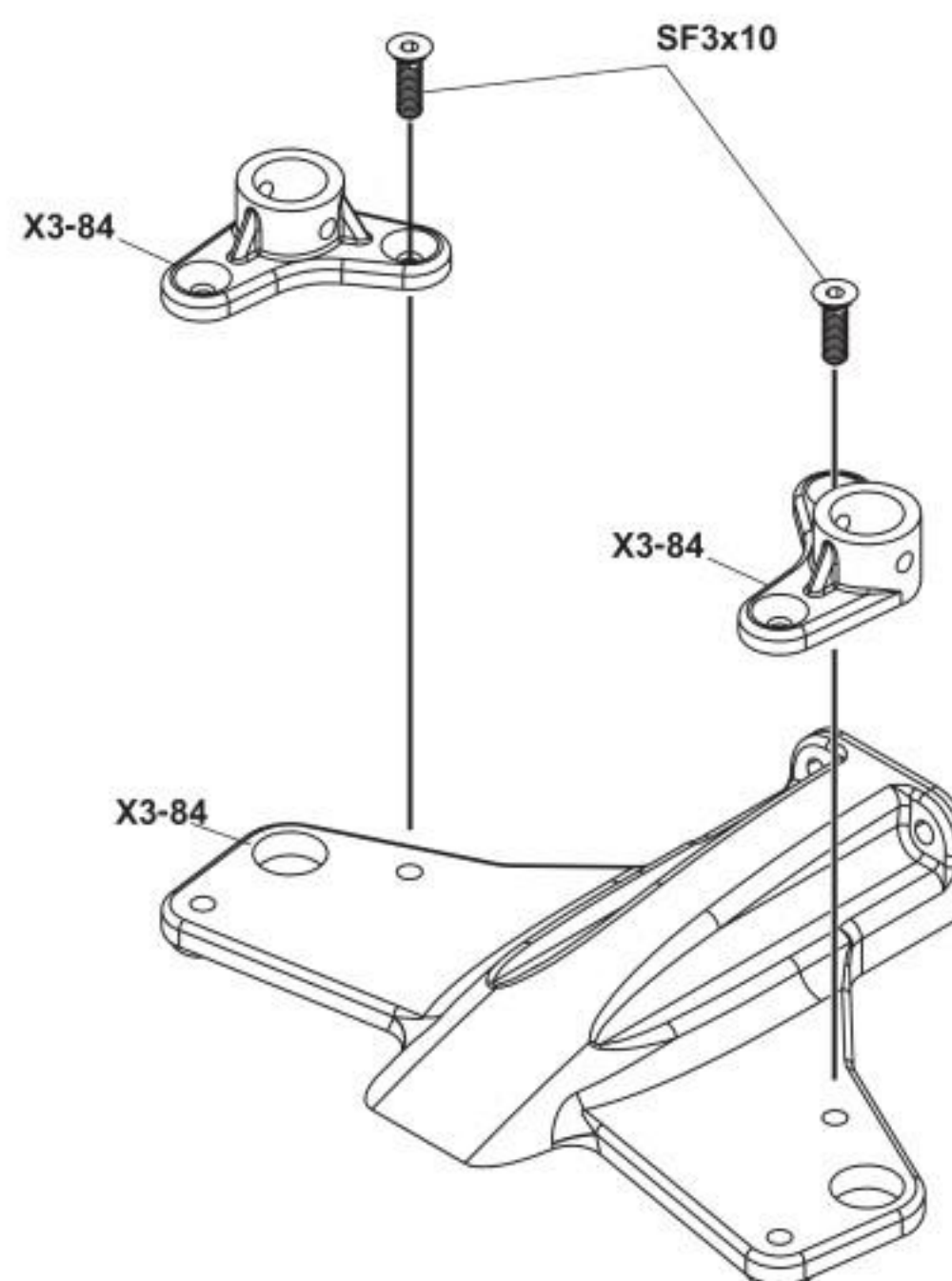
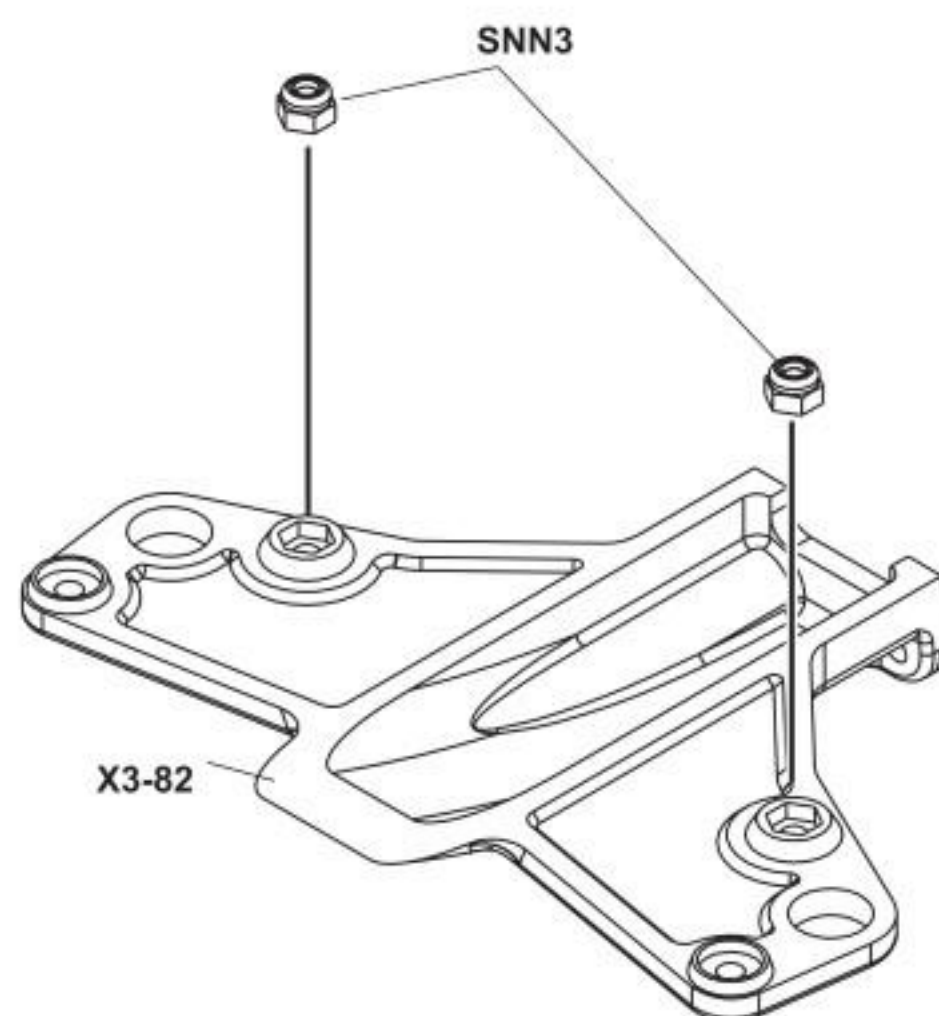
BAG NO.8



71 ASSEMBLY OF THE FRONT BUMPER 前防撞板組合



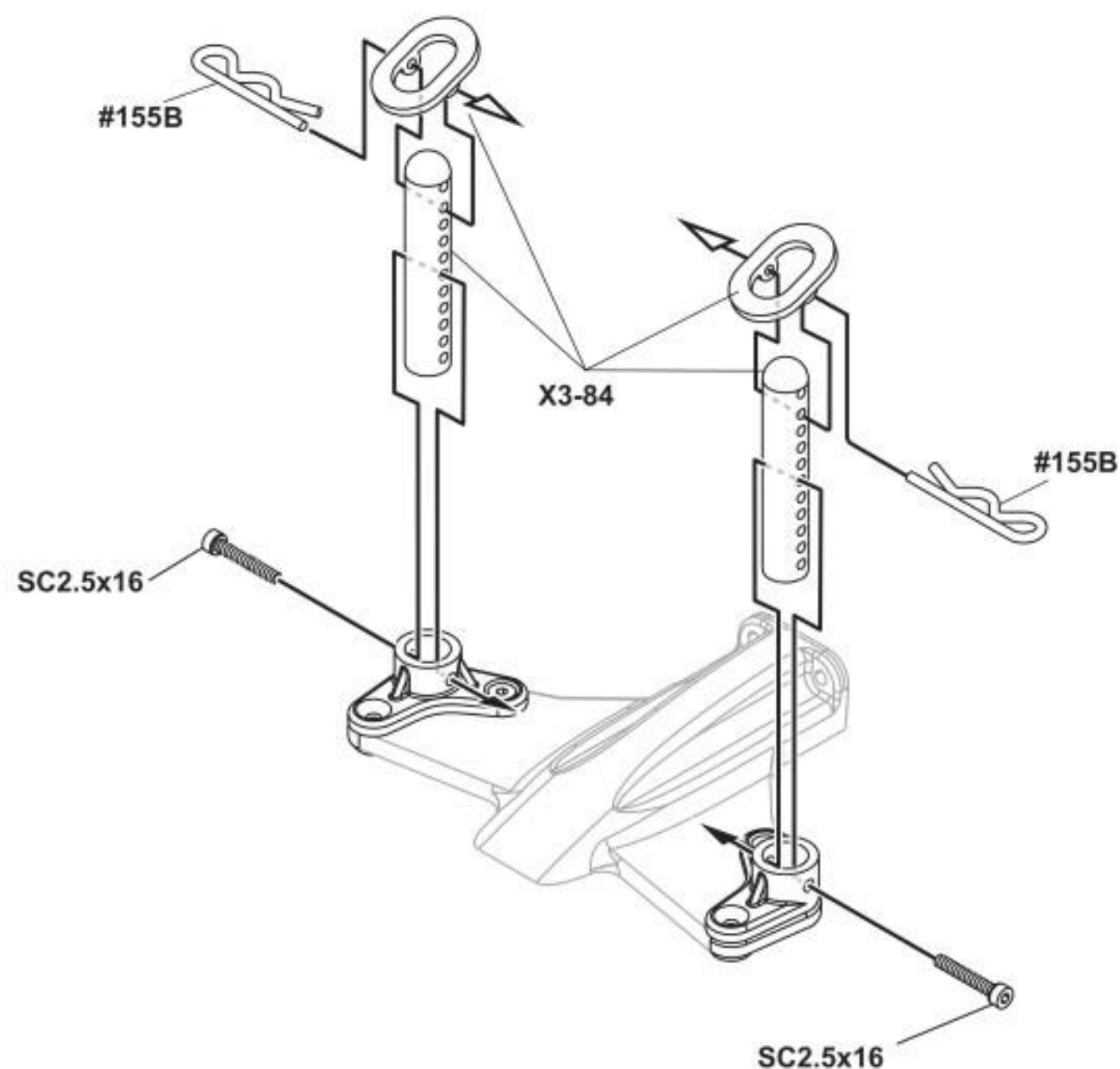
NO.8



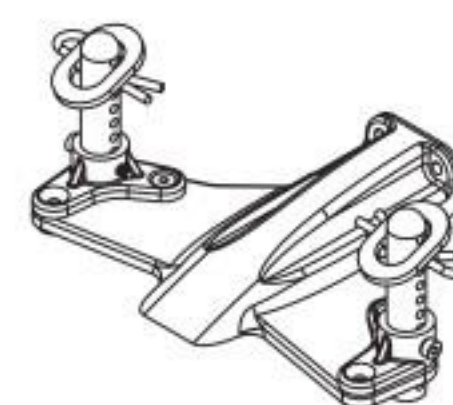
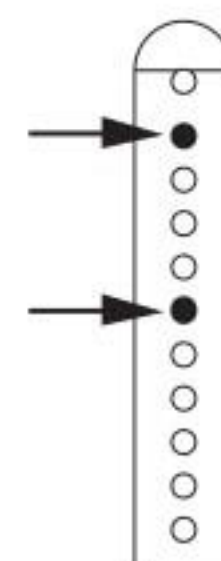
72 ASSEMBLY OF THE FRONT BUMPER 前防撞板組合



NO.8



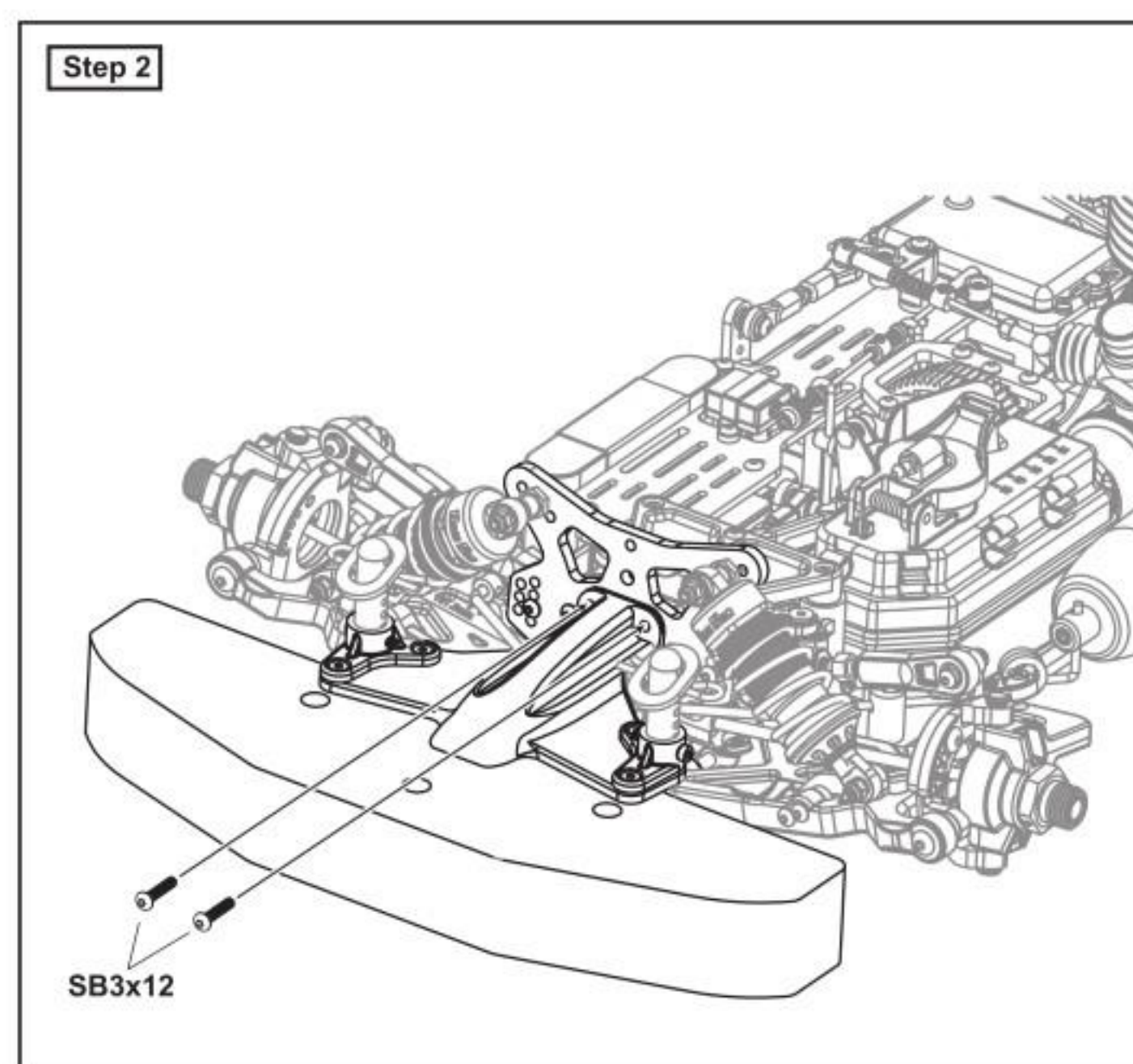
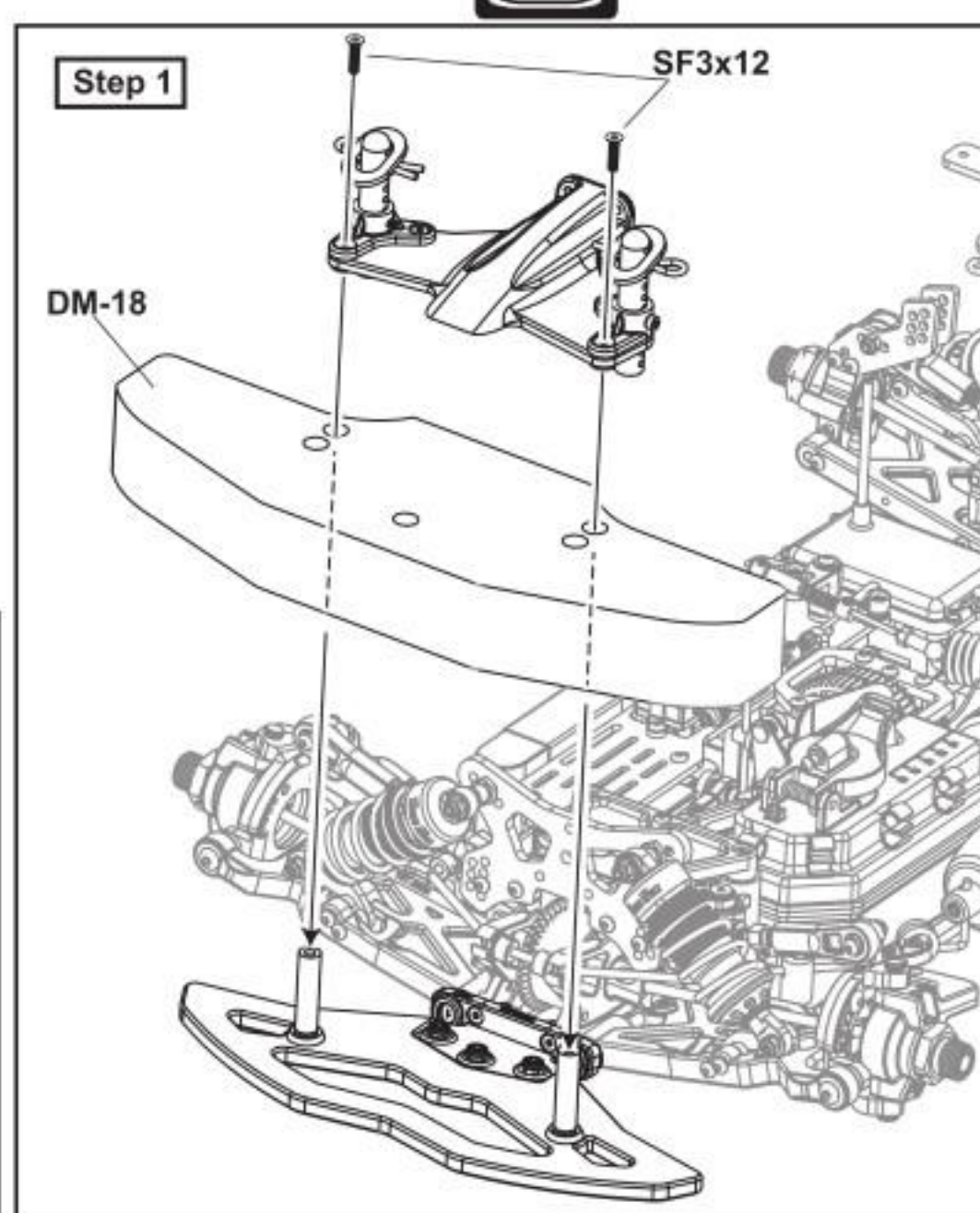
Step detail
步驟細節



73 ASSEMBLY OF THE FRONT BUMPER 前防撞板組合



NO.8

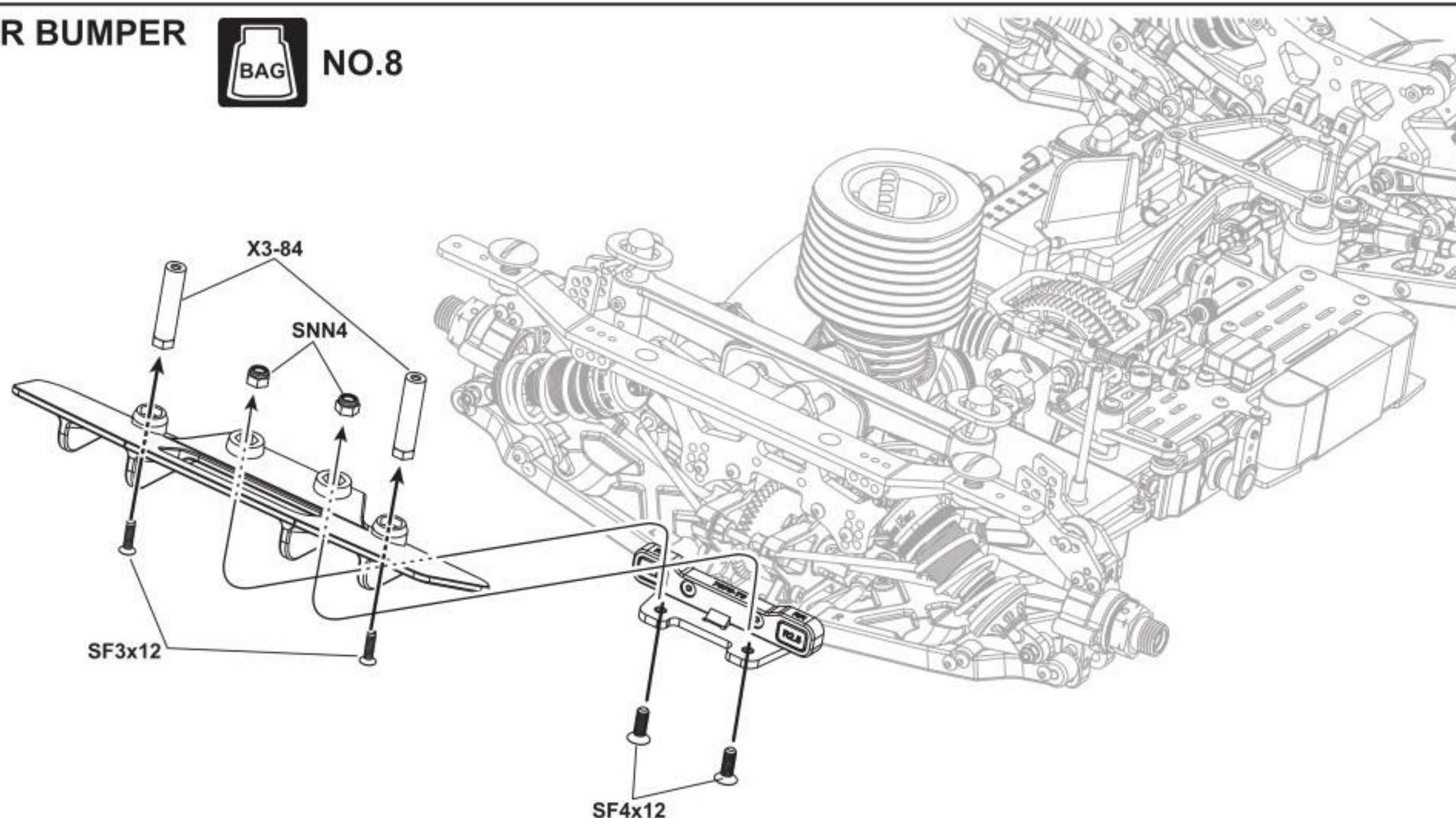
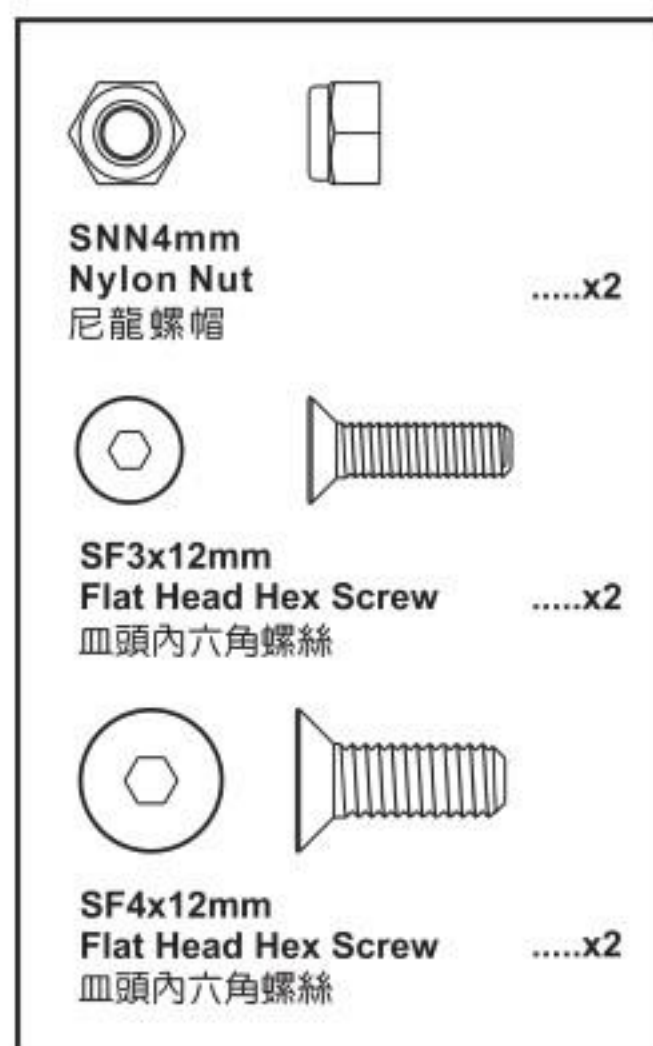


74 ASSEMBLY OF THE REAR BUMPER

後防撞板組合



NO.8

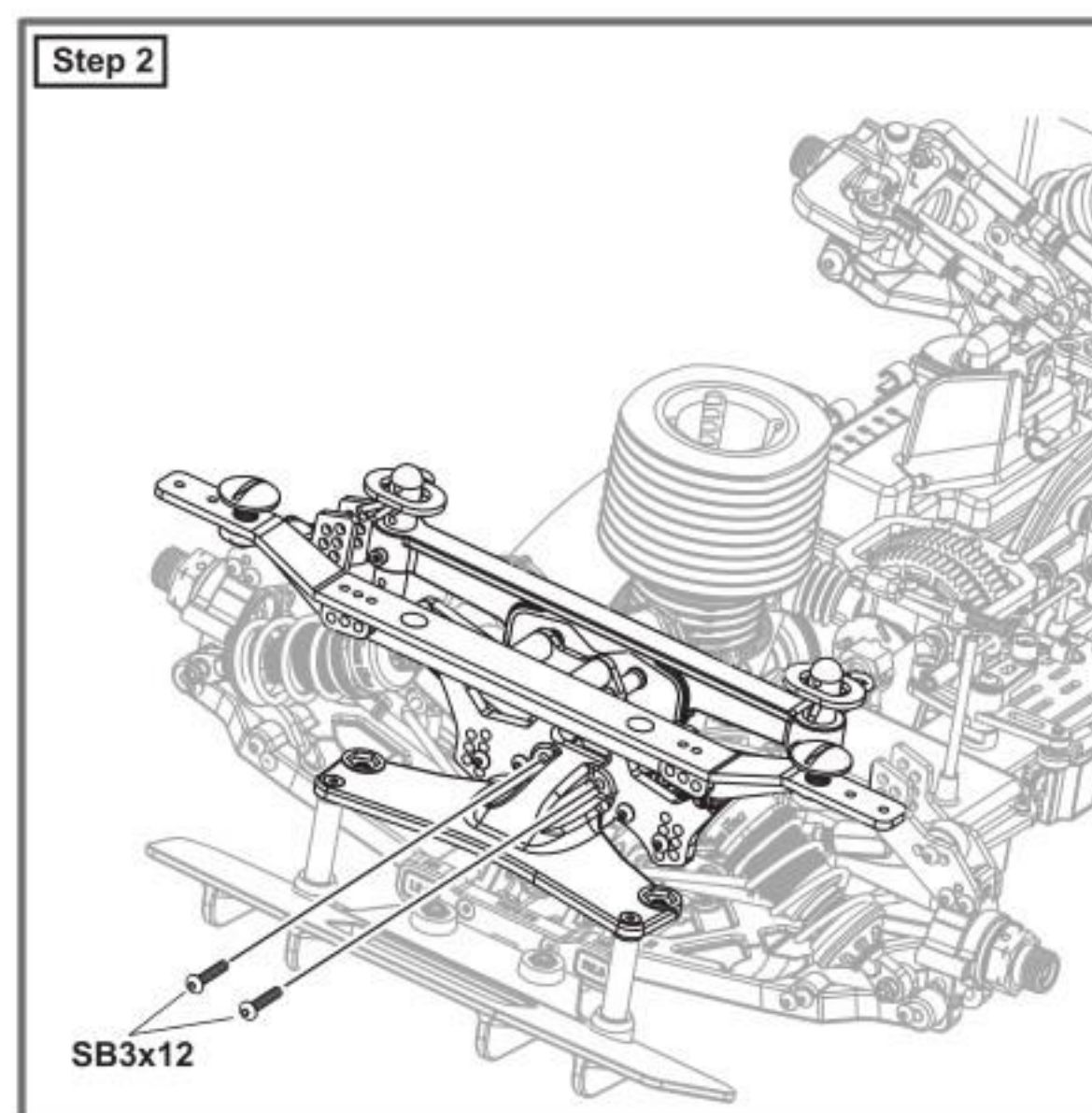
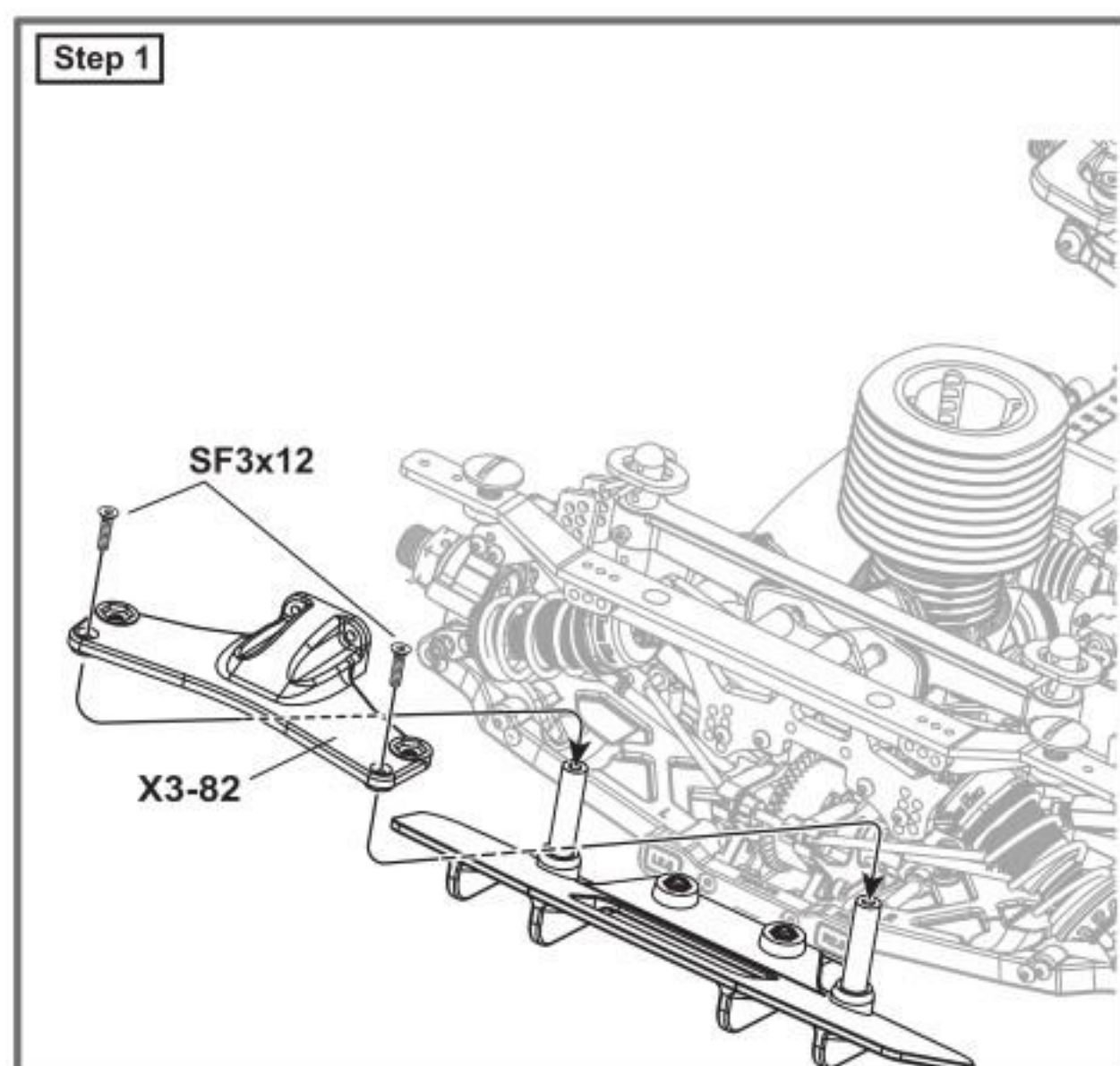
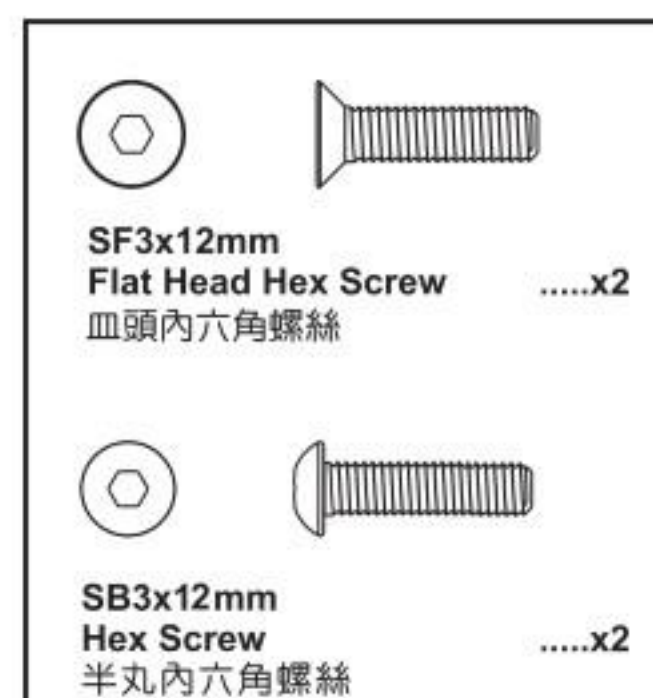


75 ASSEMBLY OF THE REAR BUMPER

後防撞板組合

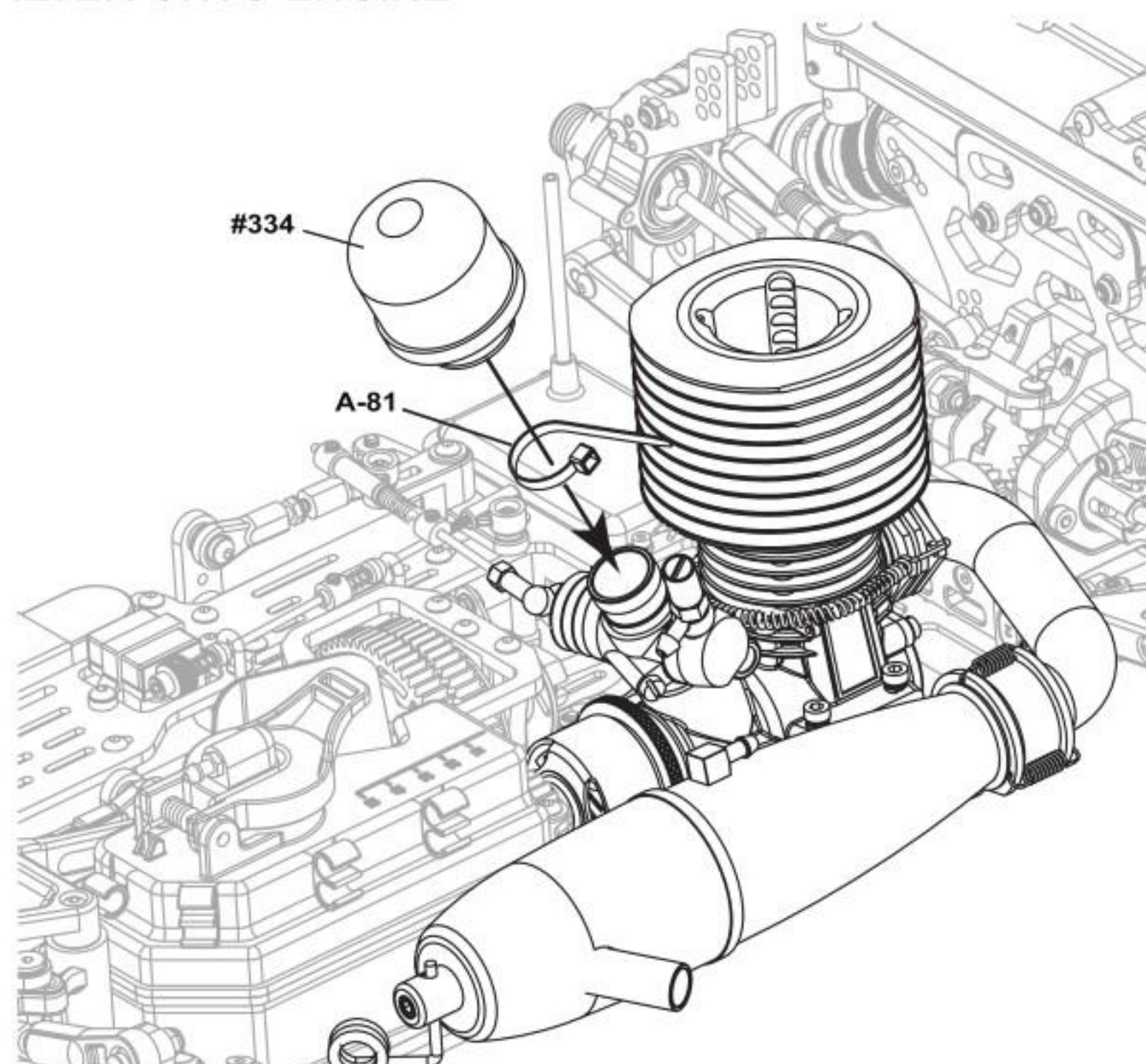


NO.8

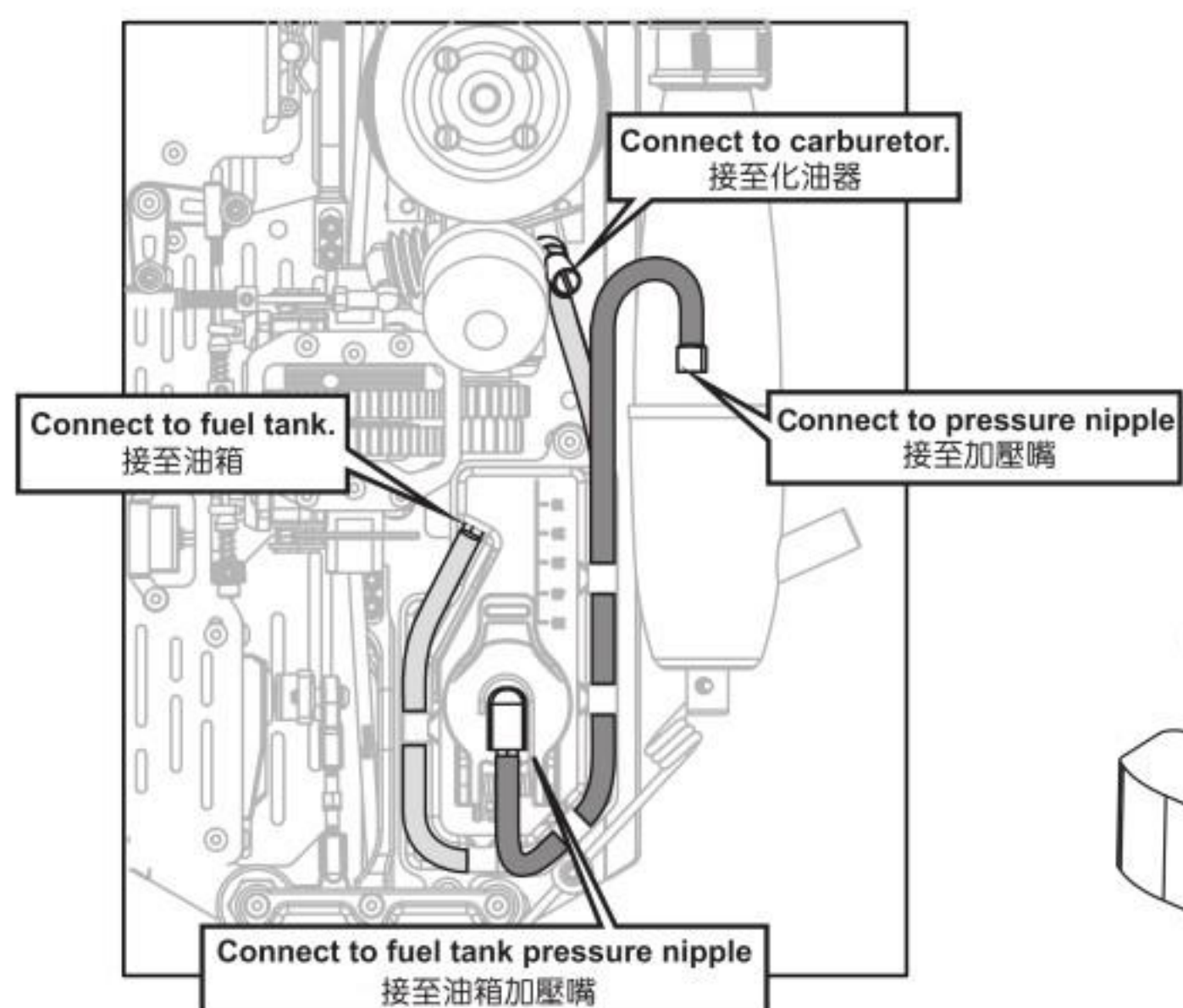


76 ASSEMBLY OF THE AIR FILTER ONTO ENGINE

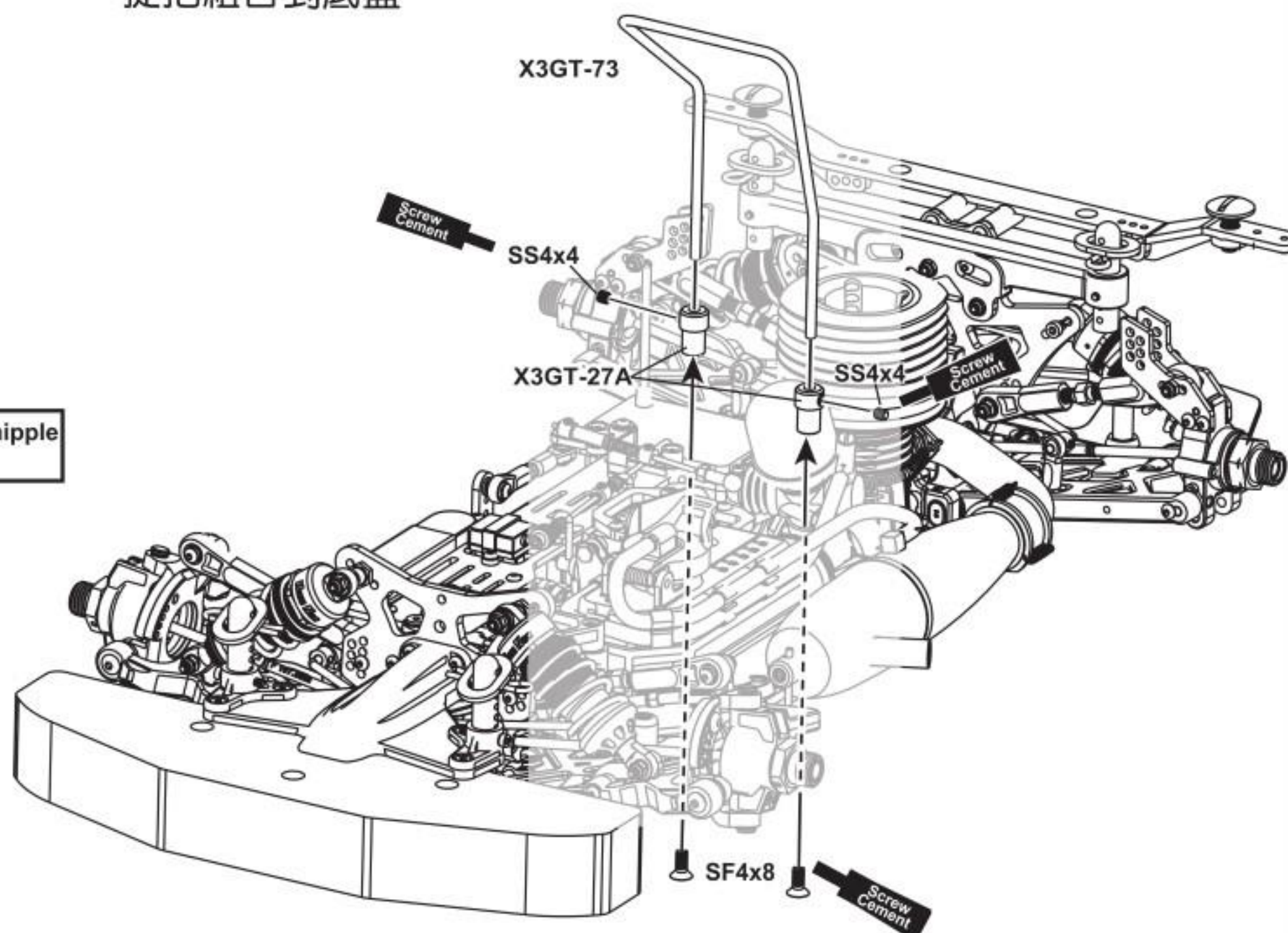
組合空氣過濾器至引擎



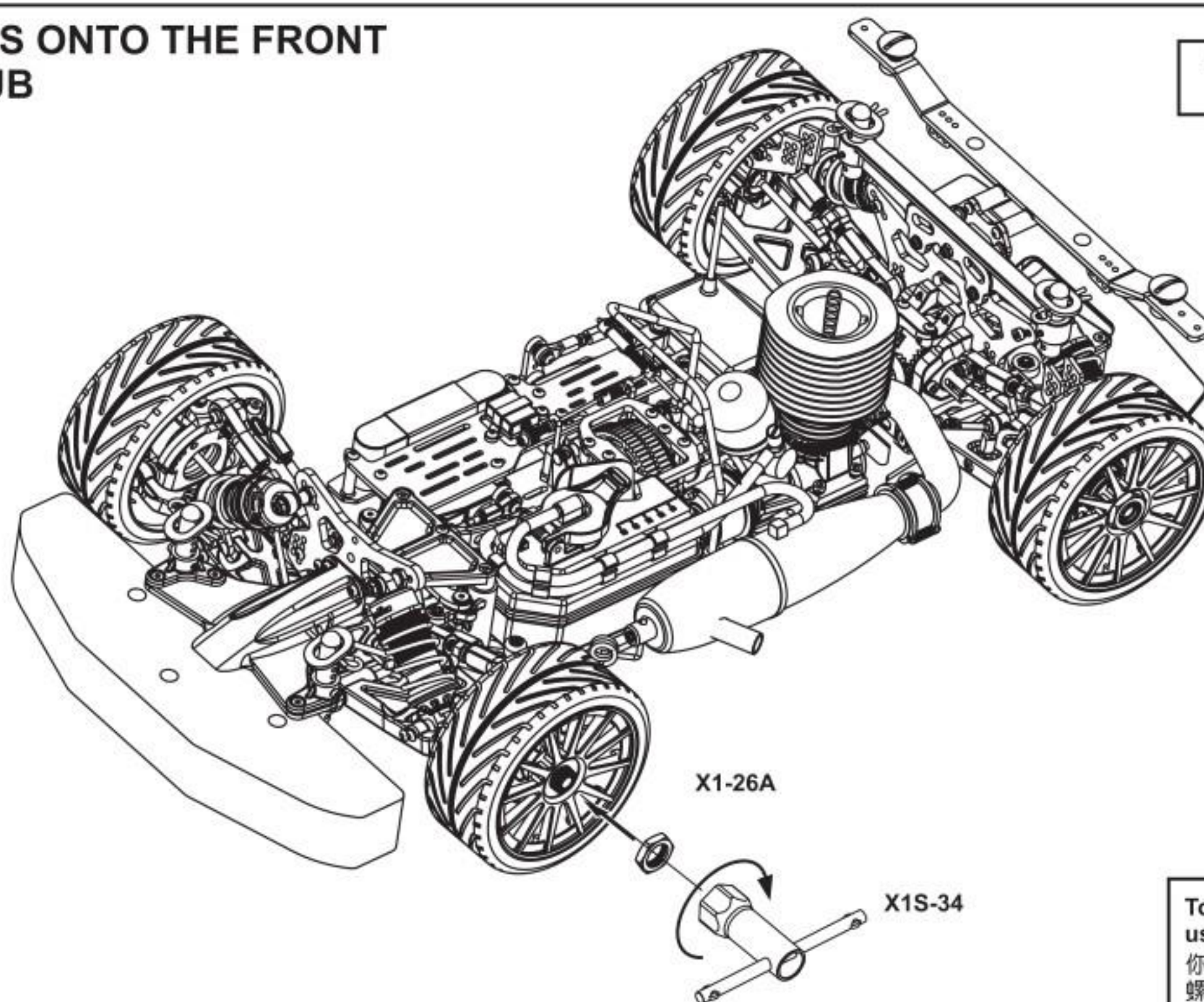
77 ASSEMBLY OF THE FUEL TUBE 油管組合



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



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



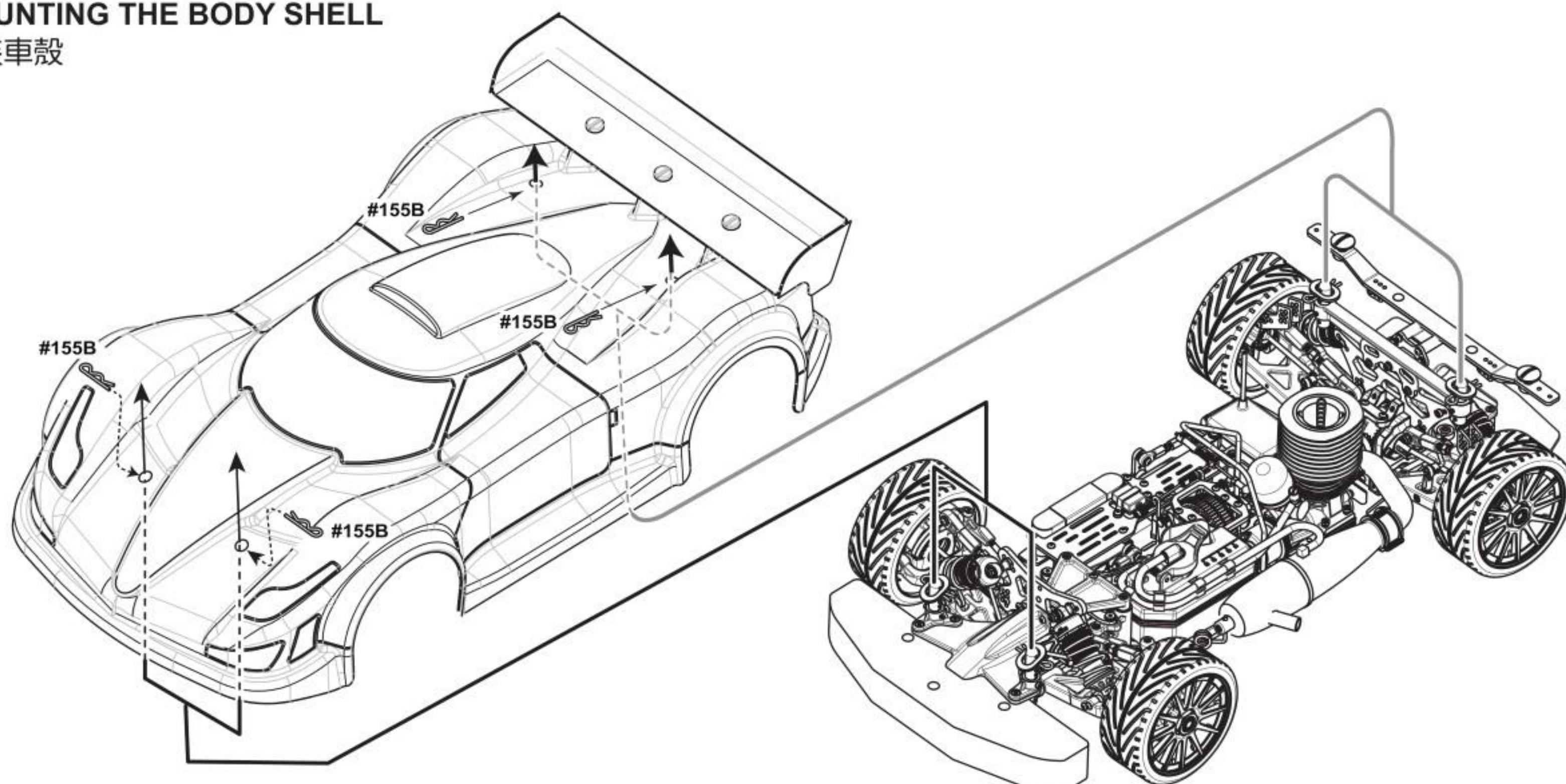
Assemble both left and right sides.
請組合左 / 右兩側。

X1-26A
Wheel Nut
鋁六角螺帽

.....x4

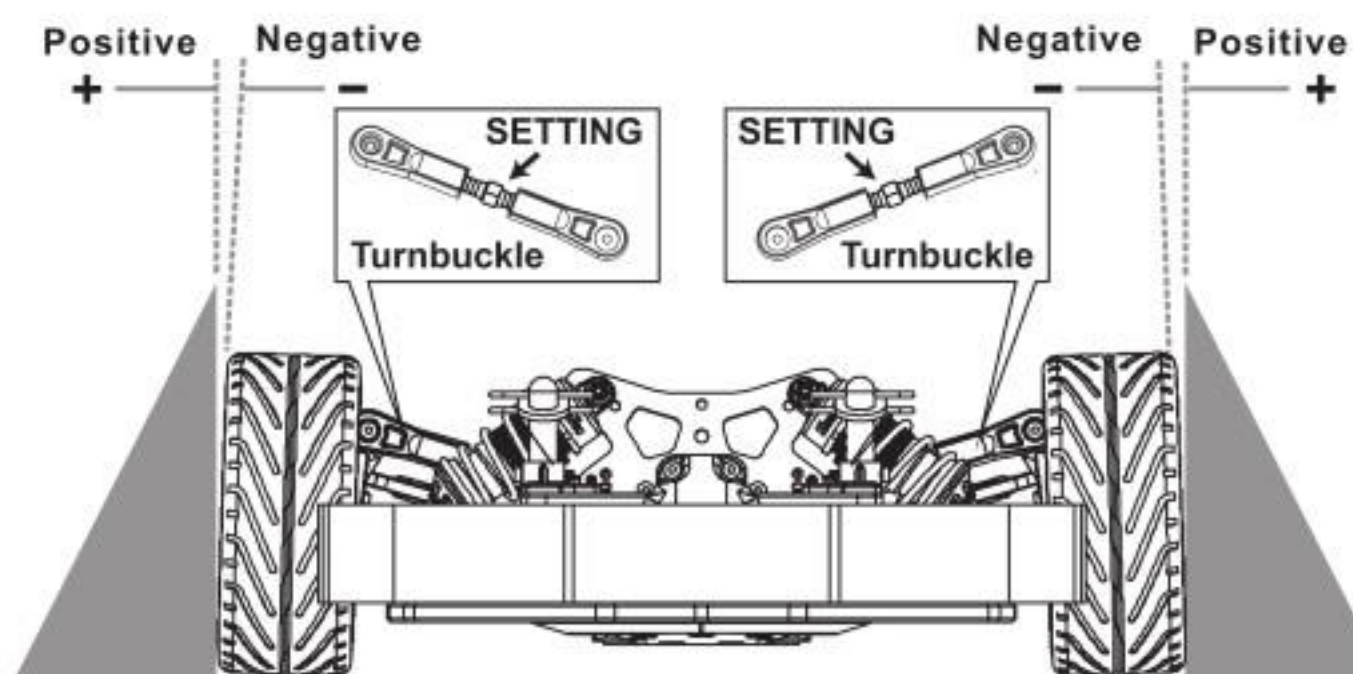
To tighten the Wheel Nut you can also
use 17mm Wheel Nut Tool.(X1S-34)
你可以使用17mm六角套筒板手鎖緊輪框
螺帽。(X1S-34)

79 MOUNTING THE BODY SHELL 安裝車殼



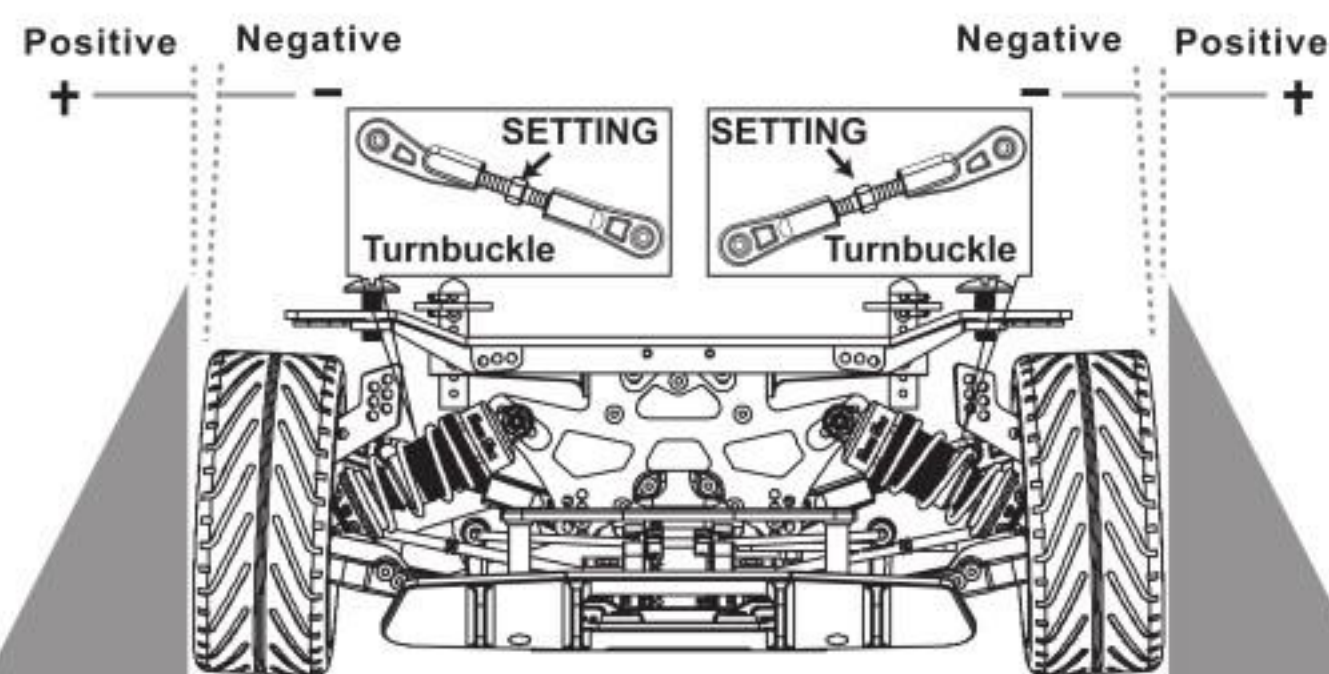
SETTING GUIDE

FRONT CAMBER ANGLE SETTING

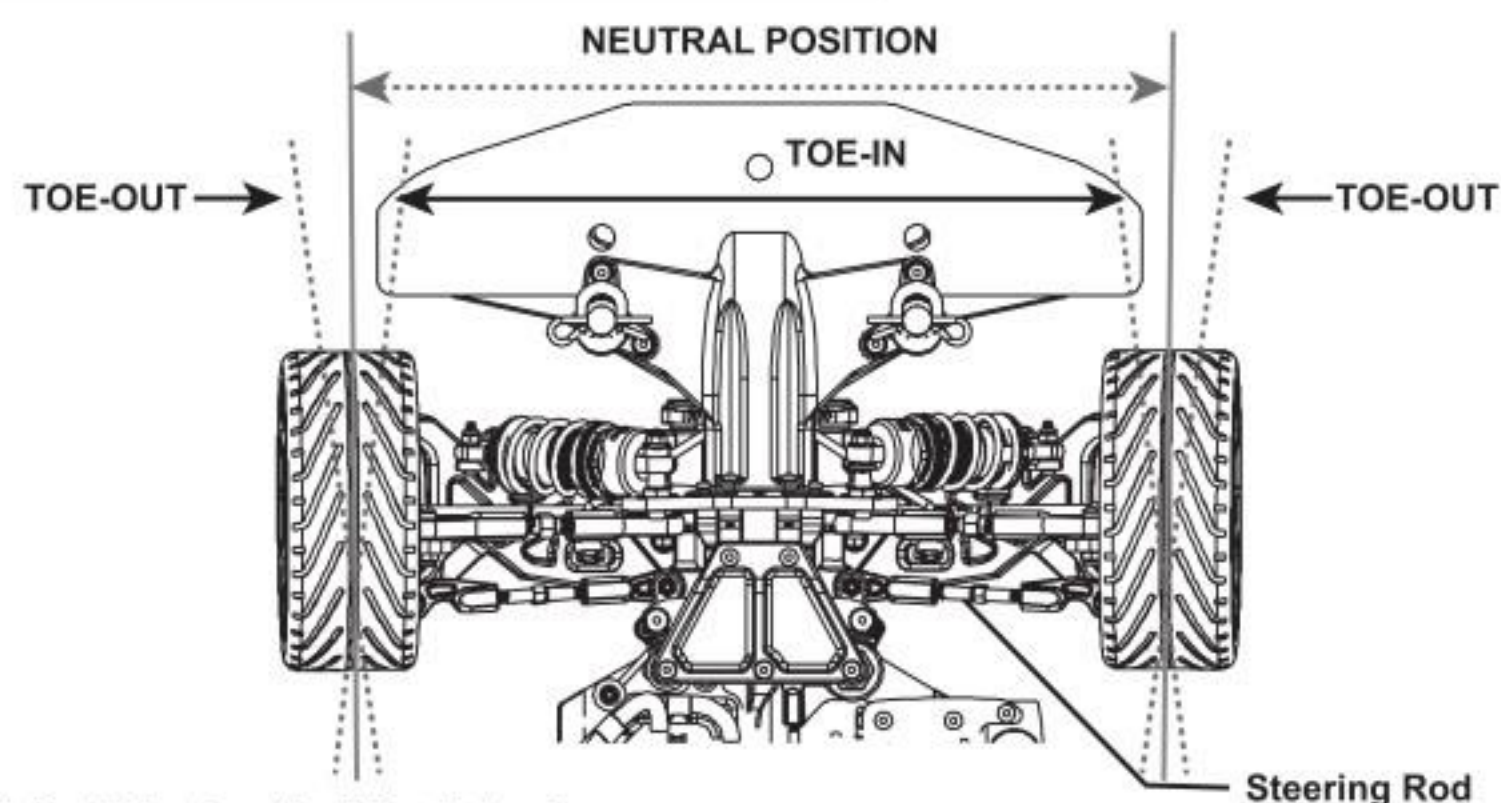


- Place the model car on flat surface. Raise the chassis to its maximum clearance before the wheels leave the ground.
- Adjust the length of the front and rear upper arms so that the wheels are vertical to the ground.
- Adjust the camber angle by turning the turnbuckle rod on the upper arms clockwise or anti-clockwise. (We suggest to use zero degree for the front and 1.5 degree negative for the rear.)

REAR CAMBER ANGLE SETTING



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

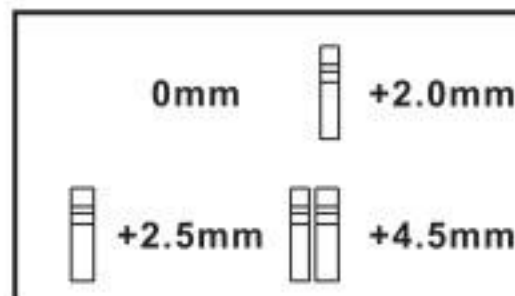
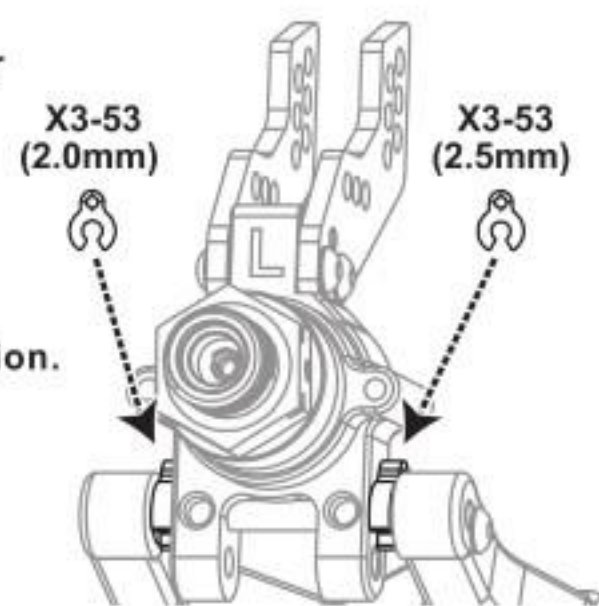
Adjust the wheelbase by using the spacers on either side of the rear wheel hub (at the bottom pin). **IMPORTANT!** Make equal adjustments on both left and right sides of the car.

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

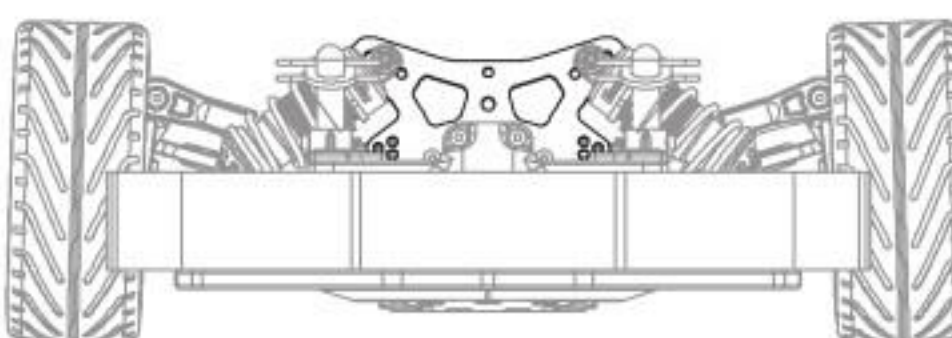
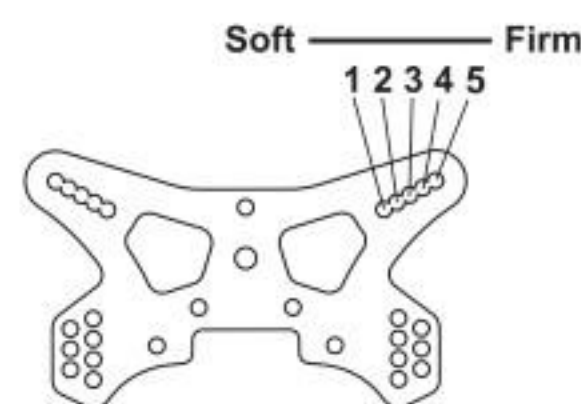
- more spacers in front of the rear wheel hub.
- decreases off-power steering into sharp corners.
- increases stability.
- slower initial steering reaction (off-power).
- improves on-power steering at corner exit.
- better handling over bumps and ruts.
- better on more open tracks with high-speed corners.



- 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.

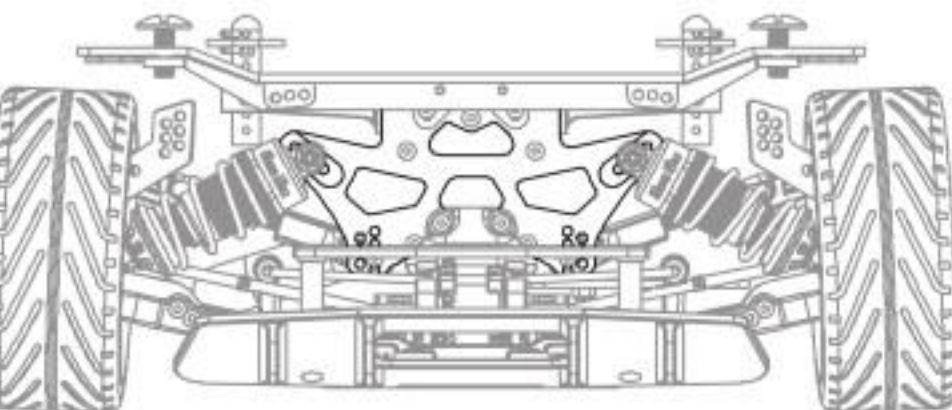
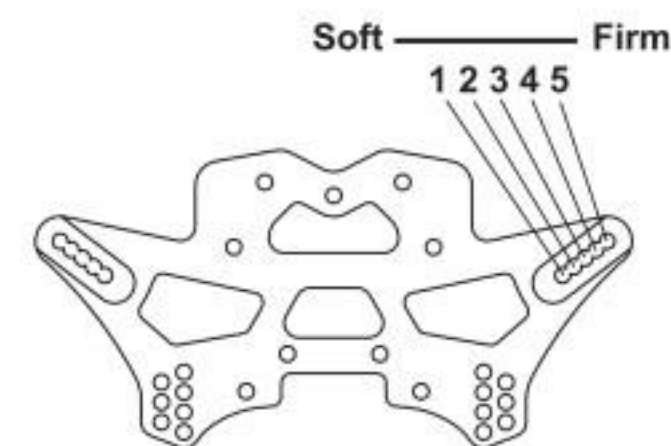
FRONT SHOCK ANGLE SETTING

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



REAR SHOCK ANGLE SETTING

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



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.

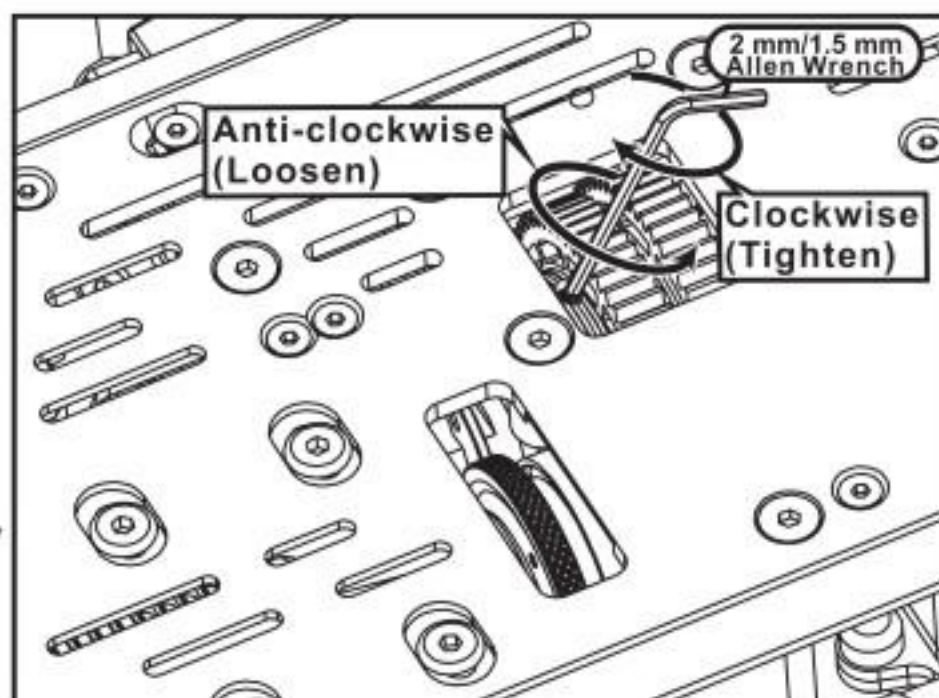
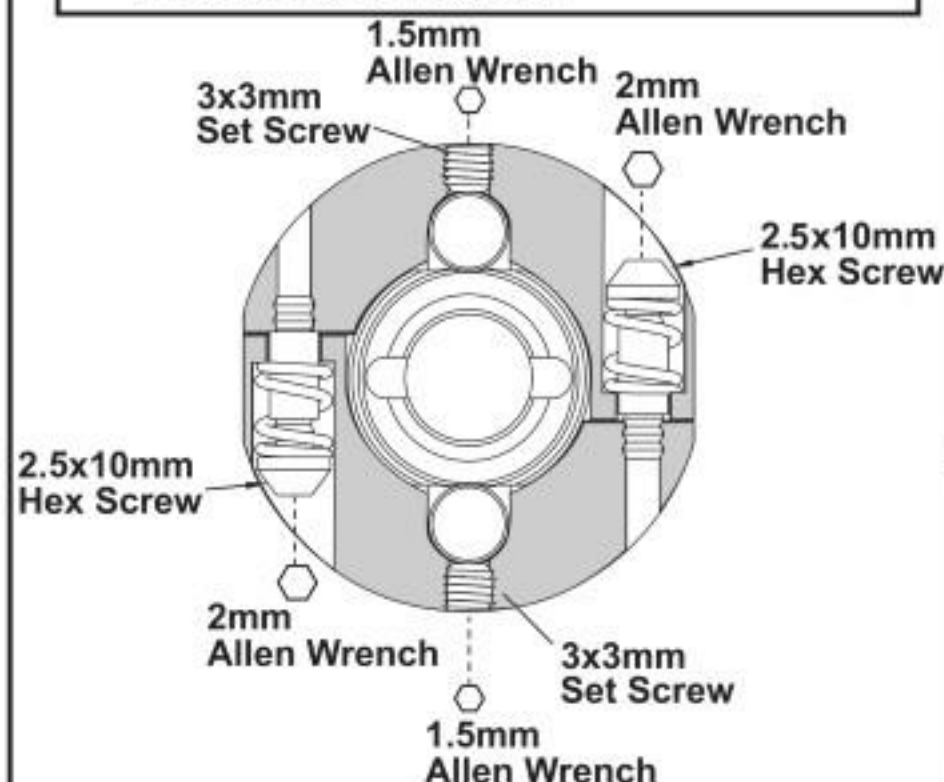
2 SPEED GEAR RATION COMBINATIONS

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					

ADJUSTING THE SHIFT POINT

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

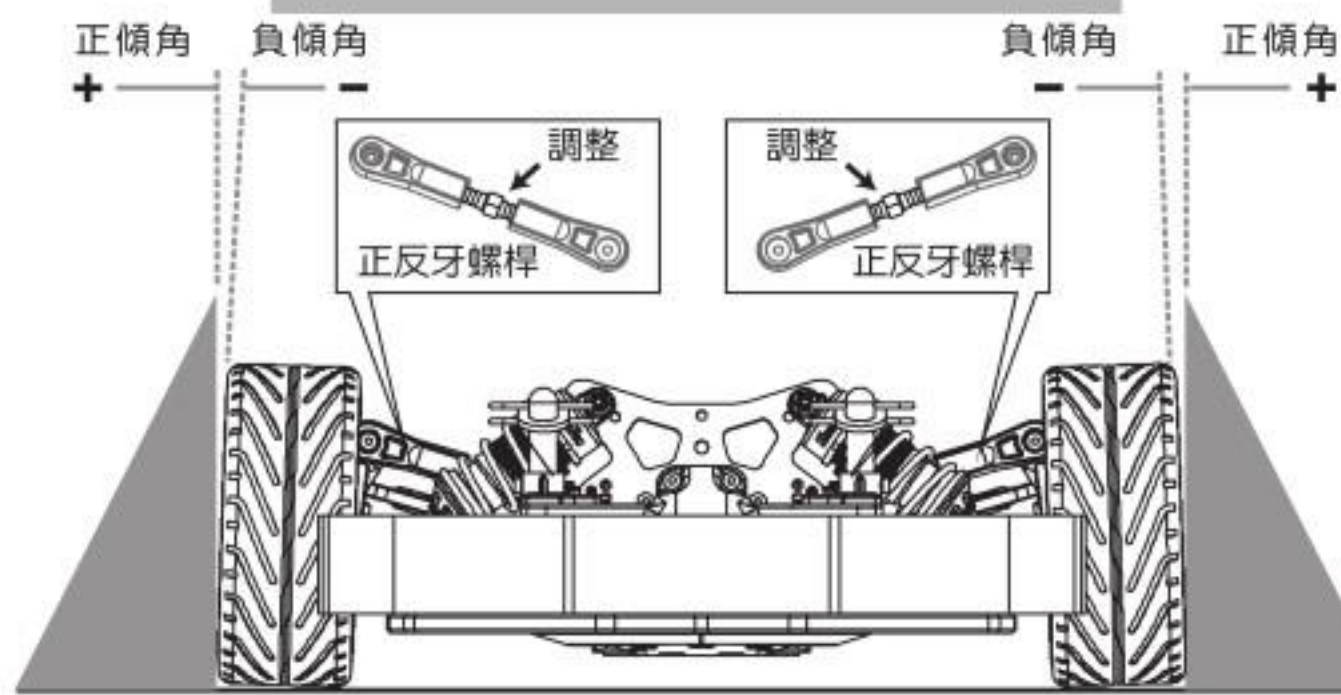


* Use a 1.5mm allen wrench to adjust the 3x3mm set screw which is used to adjust the distance between the clutch shoe and clutch bell.

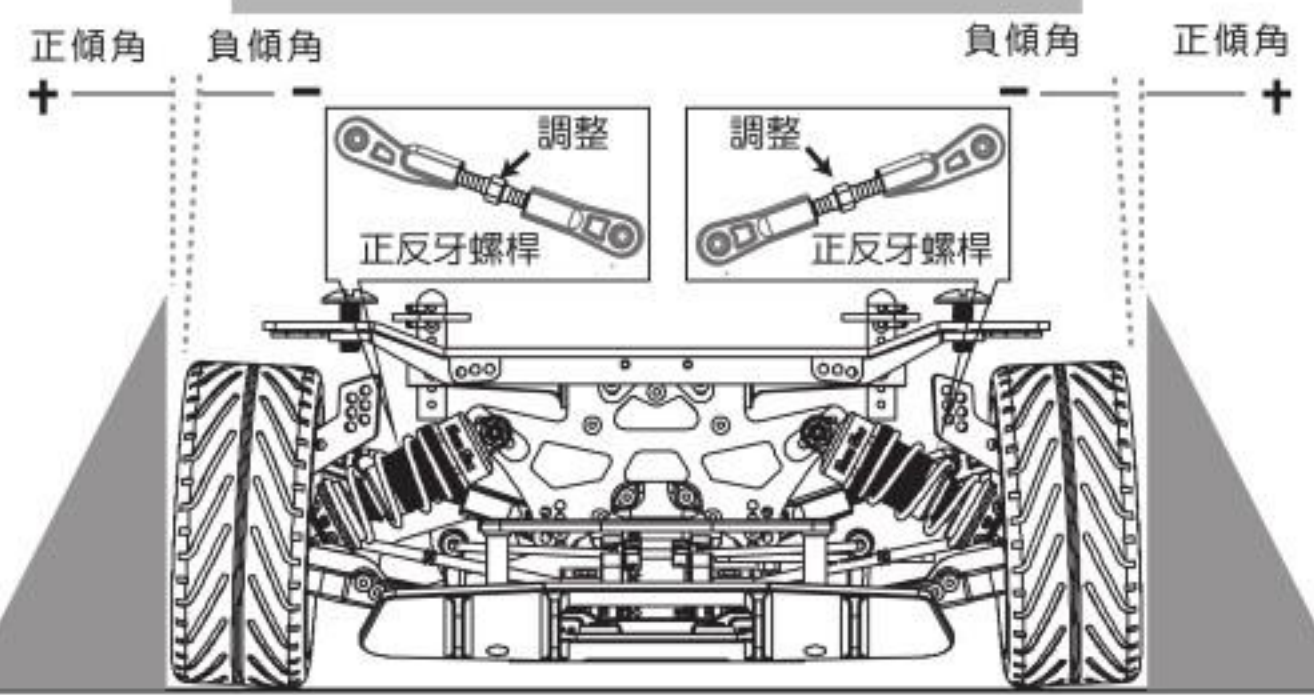
* Use a 2mm allen wrench to adjust the 2.5x10mm hex screw which will change the shift timing of the clutch shoe.

輪胎角度設定

前胎輪傾角調整



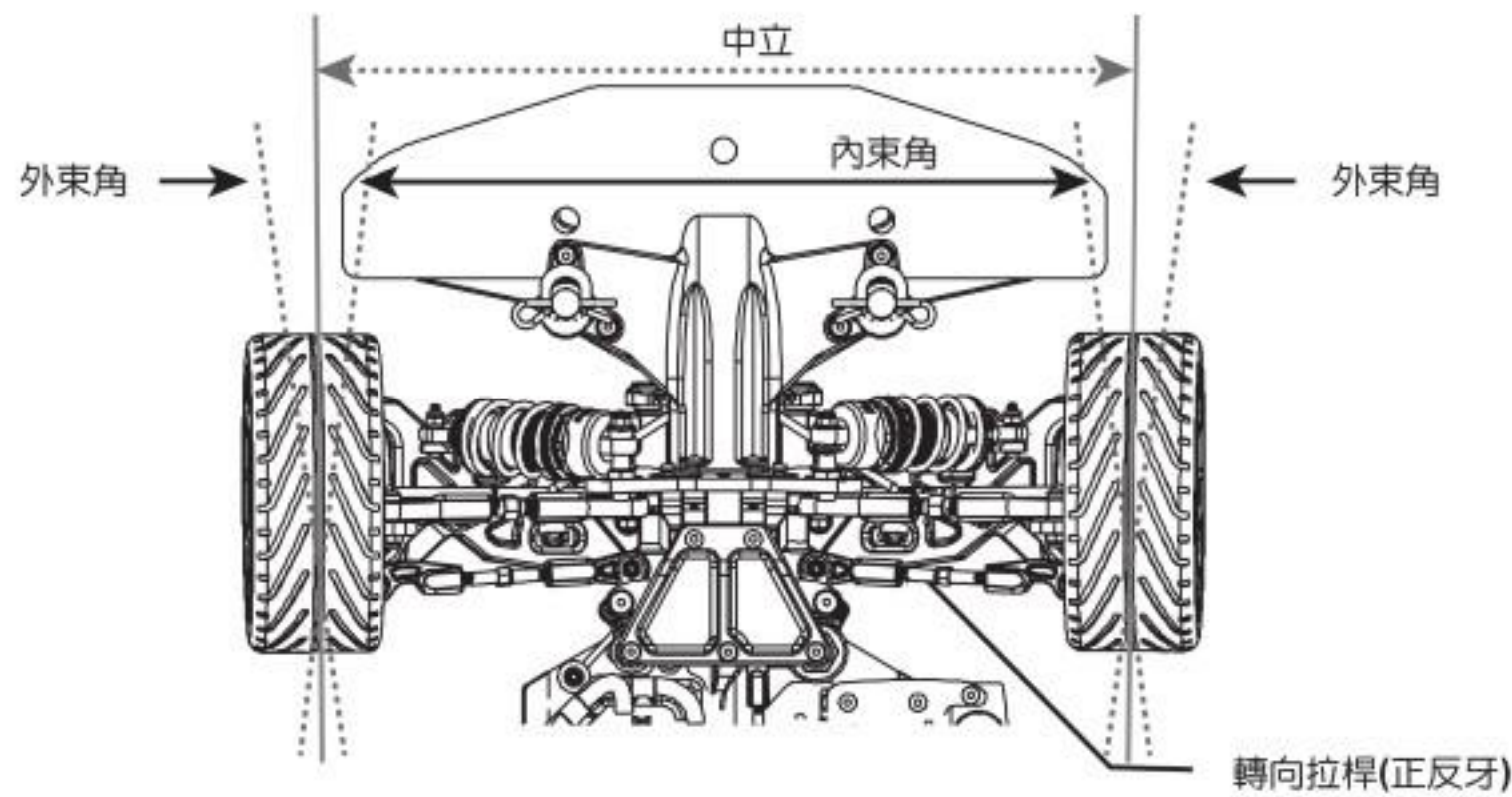
後胎輪傾角調整



- 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。

(我們建議前輪為0度,後輪為負1.5度。)

前輪內束角/外束角 調整

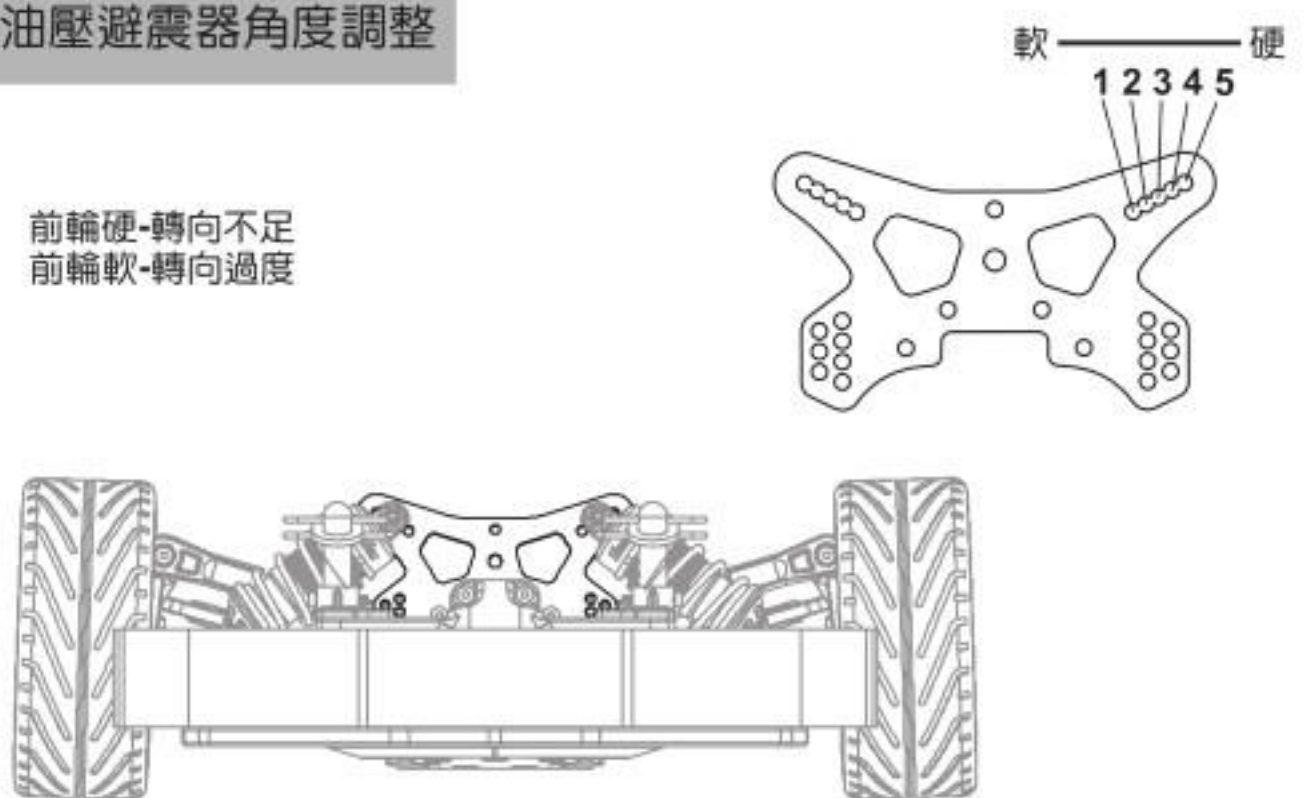


改變前輪轉向拉桿之長度可以改變前輪"內束角"與"外束角"。

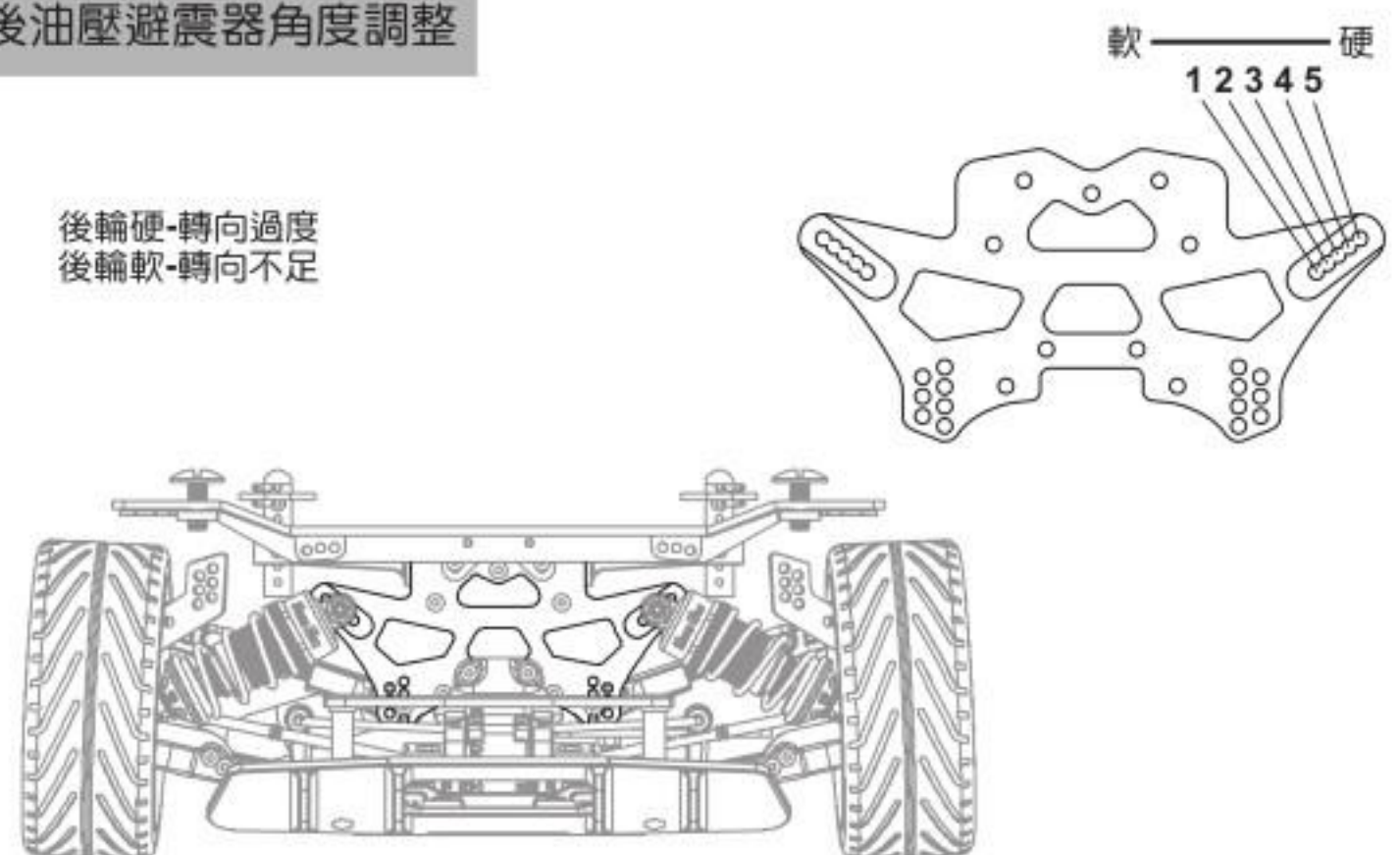
1. 將前輪轉向拉桿加長, 前輪會變成向內束角。此時轉向反應會變慢, 並且有轉向過度情形產生。
2. 將前輪轉向拉桿變短, 前輪會變成向外束角。此時轉向反應會變快, 並且有轉向不足情形產生。

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

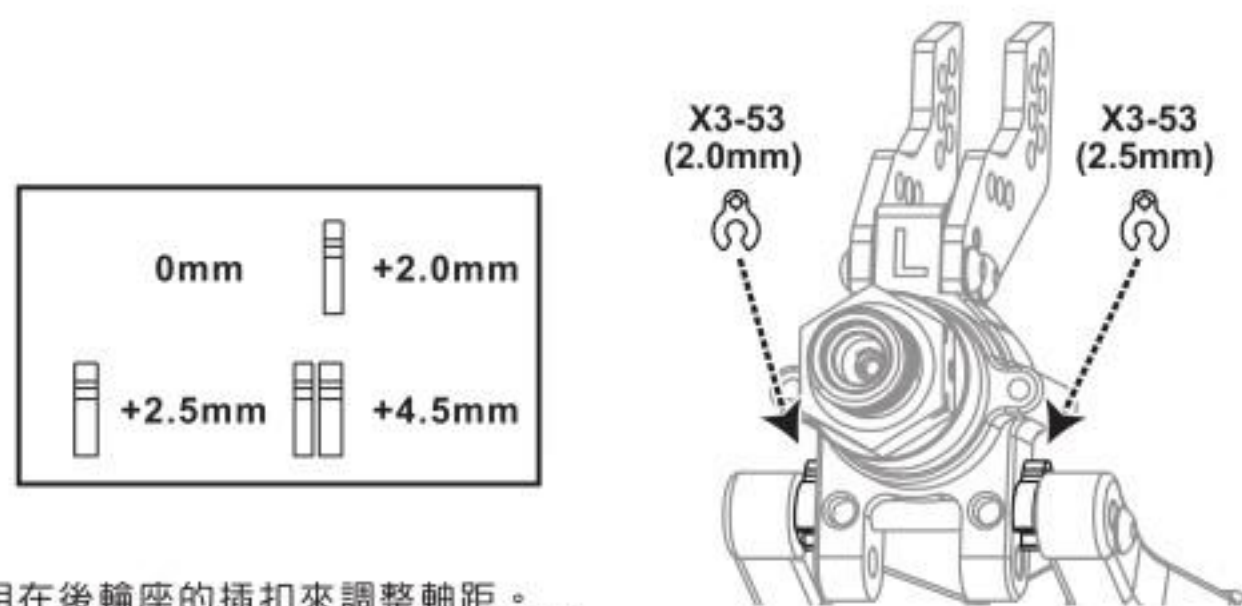
前油壓避震器角度調整



後油壓避震器角度調整



後輪軸距



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

短軸距

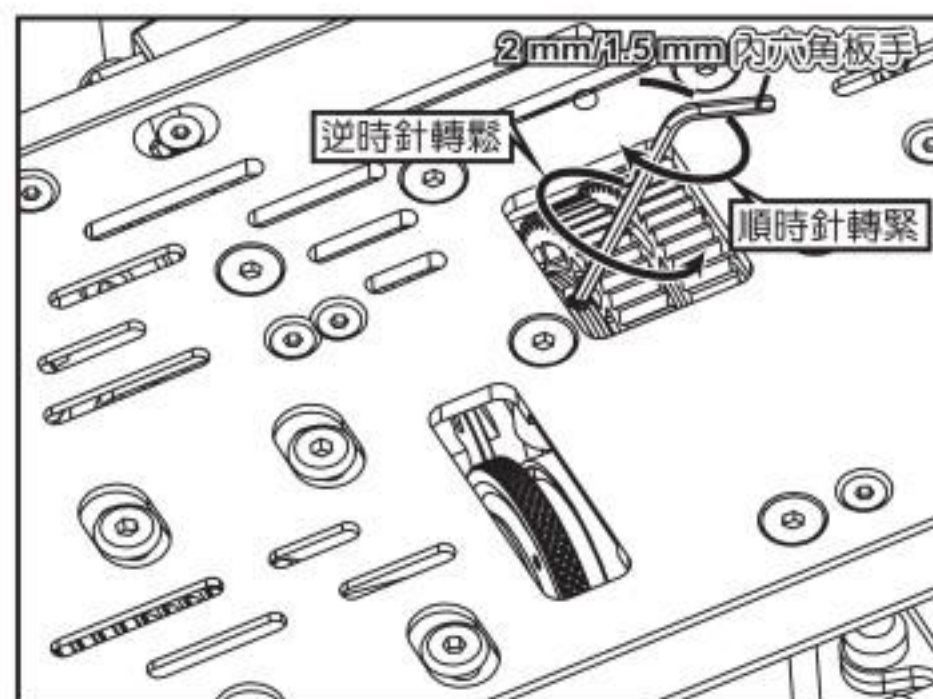
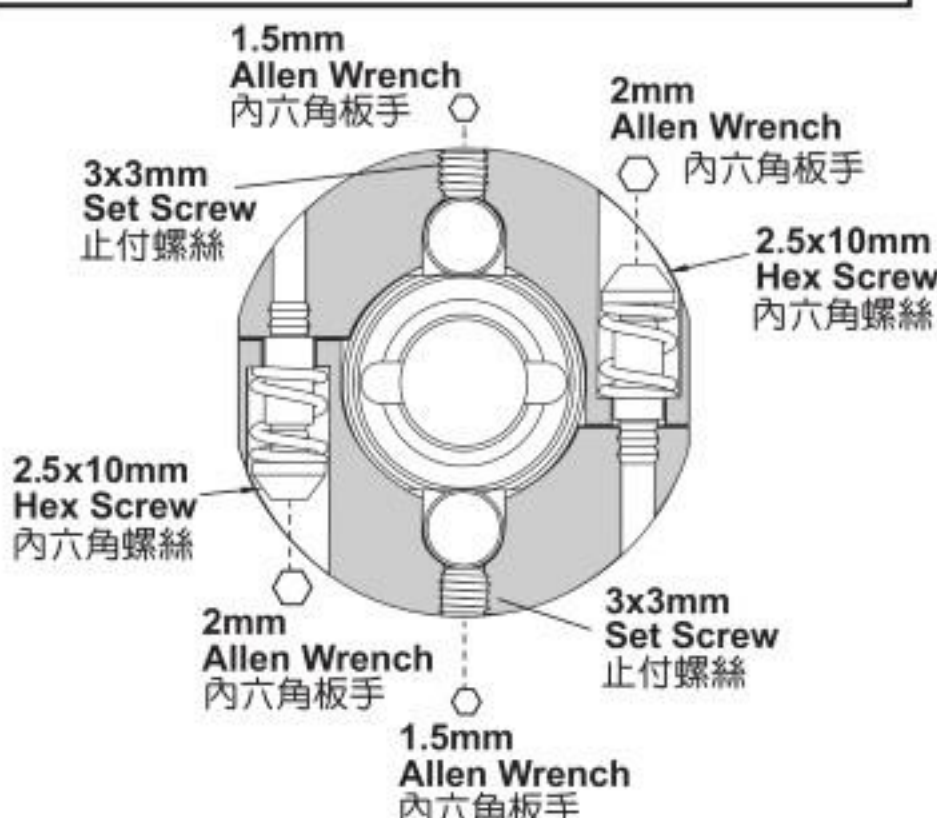
- 在後輪座的前方減少插扣。
- 在加速時增加重心向後移動。
- 油門開啟時增加抓地力。
- 油門關閉時轉向會進彎角較靈敏。
- 油門開啟時出彎有輕微的轉向不足。
- 增加轉向反應。
- 對於較急彎與技術性跑道有較好操控性。

長軸距

- 在後輪座的前方增加插扣。
- 減少加速度時重心向後移動。
- 增加行車穩定性。
- 最初操控反應緩慢(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道有較好的控制性。

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片的距離。

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

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

大直齒輪組	碗公齒輪組 (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° °

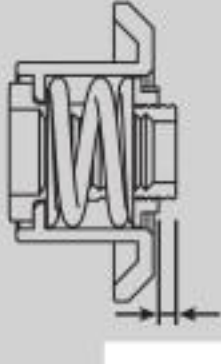
LAPS

BEST LAP TIME in LAP

TRACK SIZE
☐ OPEN ☐ MEDIUM ☐ TIGHT

TRACK TRACTION
☐ HIGH ☐ MEDIUM ☐ LOW

DIFFERENTIAL OIL	
FRONT	REAR
☐ STD	☐ STD
☐ wt.	☐ wt.
DIFFERENTIAL CASE	
☐ PLASTIC	☐ ALUM

CLUTCH	
	SHOE
	SPRING
	mm

GEARING			
SPUR GEAR		T &	
PINION GEAR		T &	

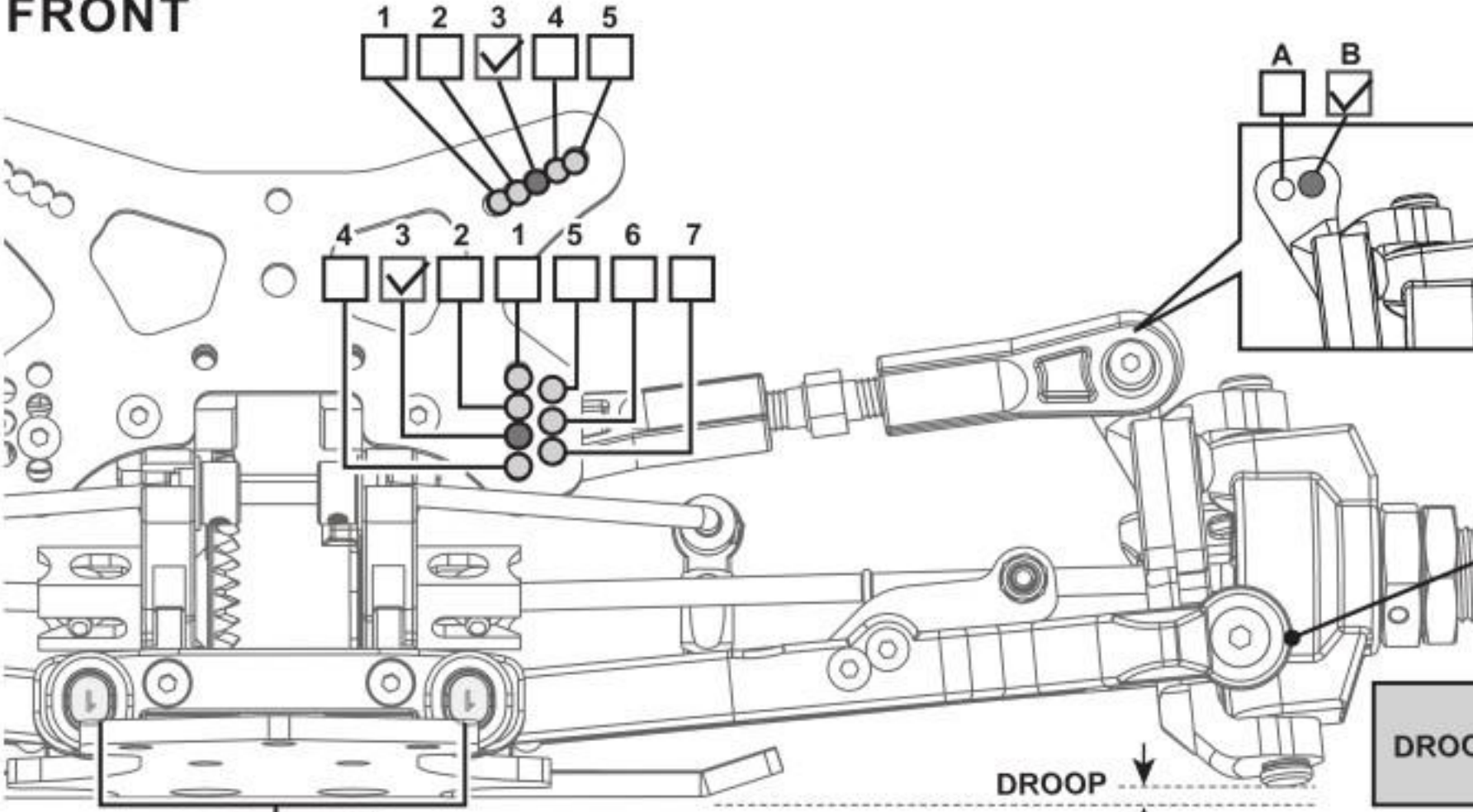
TIRES	
FRONT TYPE	
COMPOUND	
INSERT FOAM	
REAR TYPE	
COMPOUND	
INSERT FOAM	

ENGINE	
TYPE	
PORT	
PLUG	
	☐ NORMAL ☐ TURBO
HEAD CLEARANCE	
PIPE	
FUEL BRAND	

NAME RACE DATE

TRACK CITY/COUNTRY TRACK CONDITION

FRONT



CASTER BLOCK
☐ 6° ☐ 8°
☒ 10° ☐ 12°

DROOP 3 mm

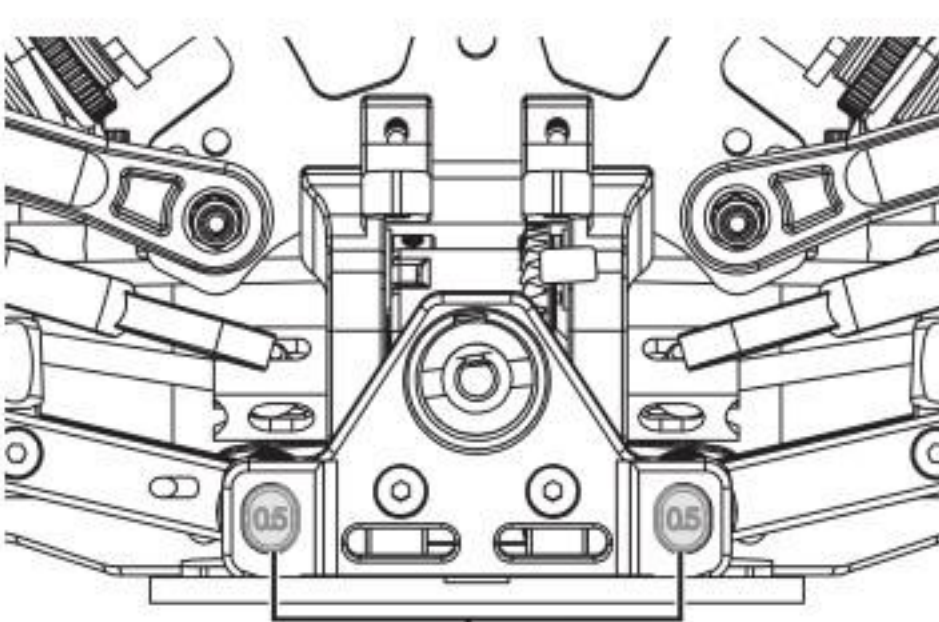
INSERT NR. 1

☐ ☒ ☐

STEERING BAR	
☐ A ☒ B ☐ C	☐ X3S-44 (OPT)

1 2 3 4 5

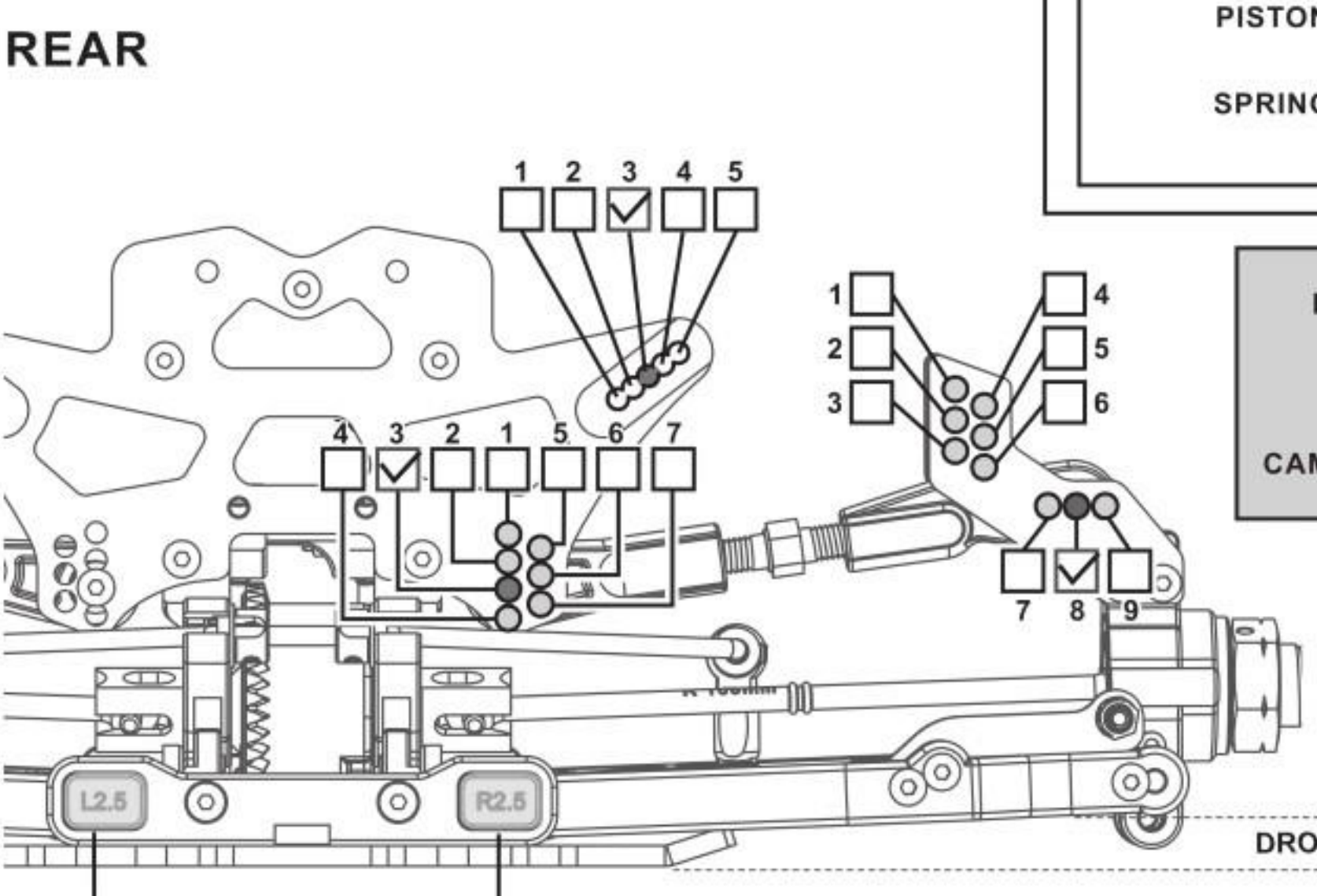
RIDE HEIGHT	
	mm
SWAY BAR	2.5 mm
CAMBER ANGLE	-2 °
TOE ANGLE	+1 °



INSERT NR. 0.5

☒ ☐ ☐

REAR



1 2 3 4 5

1 2 3 4 5 6 7 8 9

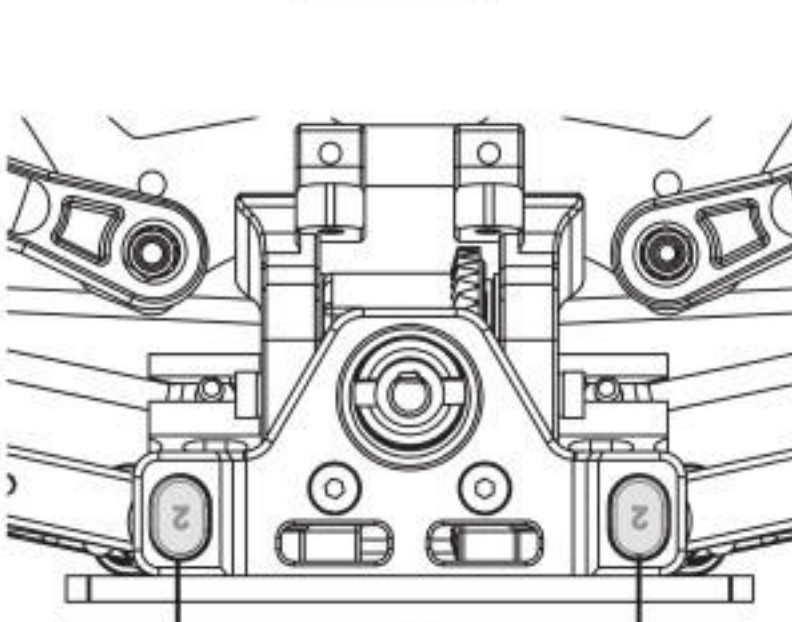
L2.5 R2.5

INSERT NR. 2.5

☐ ☒ ☐

DROOP 7 mm

SHOCK FRONT	
SHOCK LENGTH	mm
OIL wt.	800
PISTON	1.4 mm
SPRING	2.3



INSERT NR. 2

☐ ☒ ☐

SHOCK REAR	
SHOCK LENGTH	mm
OIL wt.	800
PISTON	1.4 mm
SPRING	2.3

WHEELBASE SHIMS
☐ 0mm ☒ 2mm
☐ 2.5mm ☐ 4.5mm

SET-UP SHEET

AIR TEMP F° °

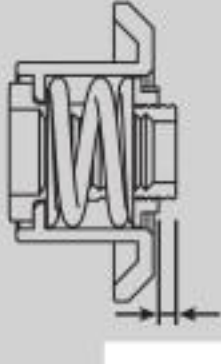
LAPS

BEST LAP TIME in LAP

TRACK SIZE
☐ OPEN ☐ MEDIUM ☐ TIGHT

TRACK TRACTION
☐ HIGH ☐ MEDIUM ☐ LOW

DIFFERENTIAL OIL	
FRONT	REAR
☐ STD	☐ STD
☐ wt.	☐ wt.
DIFFERENTIAL CASE	
☐ PLASTIC	☐ ALUM

CLUTCH	
	SHOE
	SPRING
	mm

GEARING			
SPUR GEAR		T &	
PINION GEAR		T &	

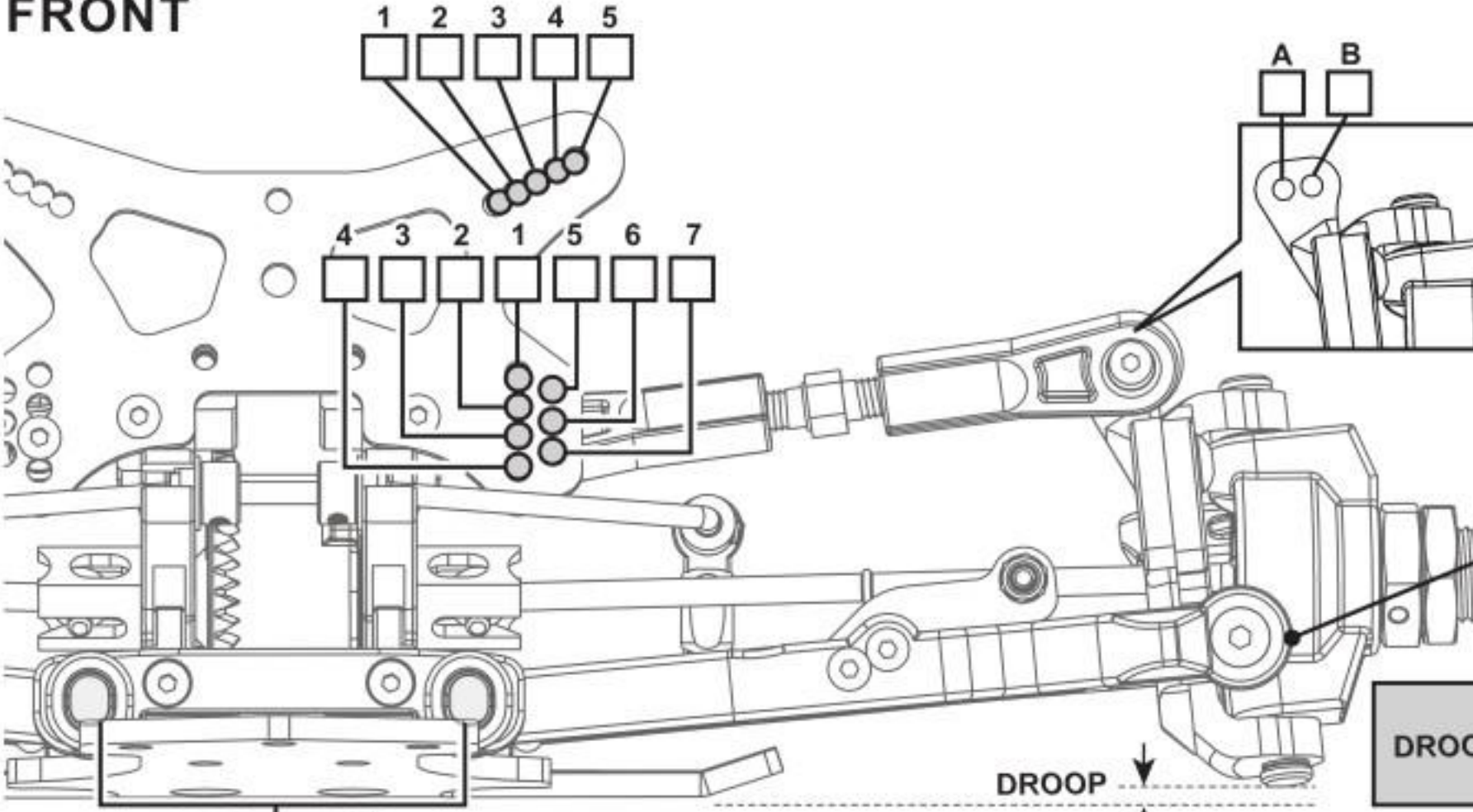
TIRES	
FRONT TYPE	
COMPOUND	
INSERT FOAM	
REAR TYPE	
COMPOUND	
INSERT FOAM	

ENGINE	
TYPE	
PORT	
PLUG	
	☐ NORMAL ☐ TURBO
HEAD CLEARANCE	
PIPE	
FUEL BRAND	

NAME RACE DATE

TRACK CITY/COUNTRY TRACK CONDITION

FRONT



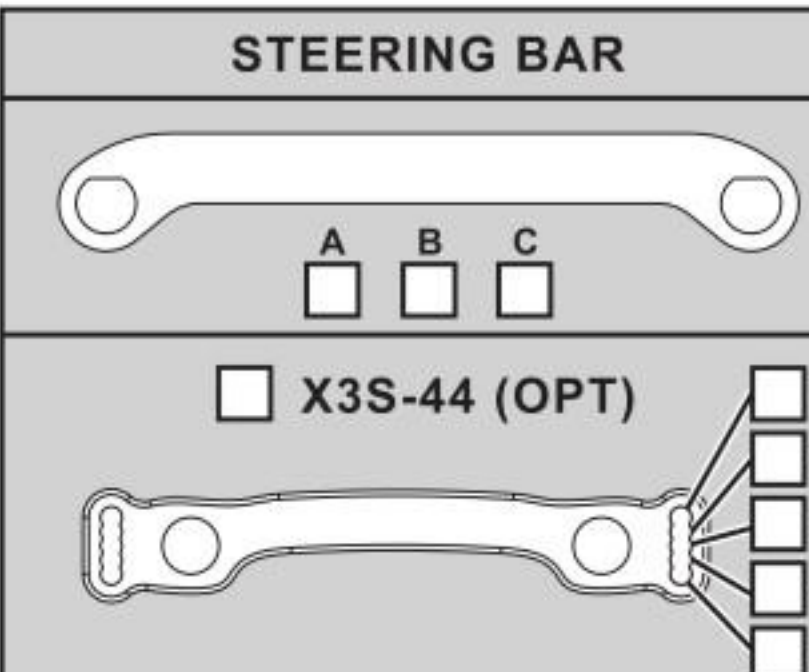
CASTER BLOCK
☐ 6° ☐ 8°
☐ 10° ☐ 12°

DROOP mm

INSERT NR.

☐ ☐ ☐ ☐

STEERING BAR



☐ X3S-44 (OPT)

RIDE HEIGHT

mm

SWAY BAR

mm

CAMBER ANGLE

°

TOE ANGLE

°

SHOCK FRONT

SHOCK LENGHT mm

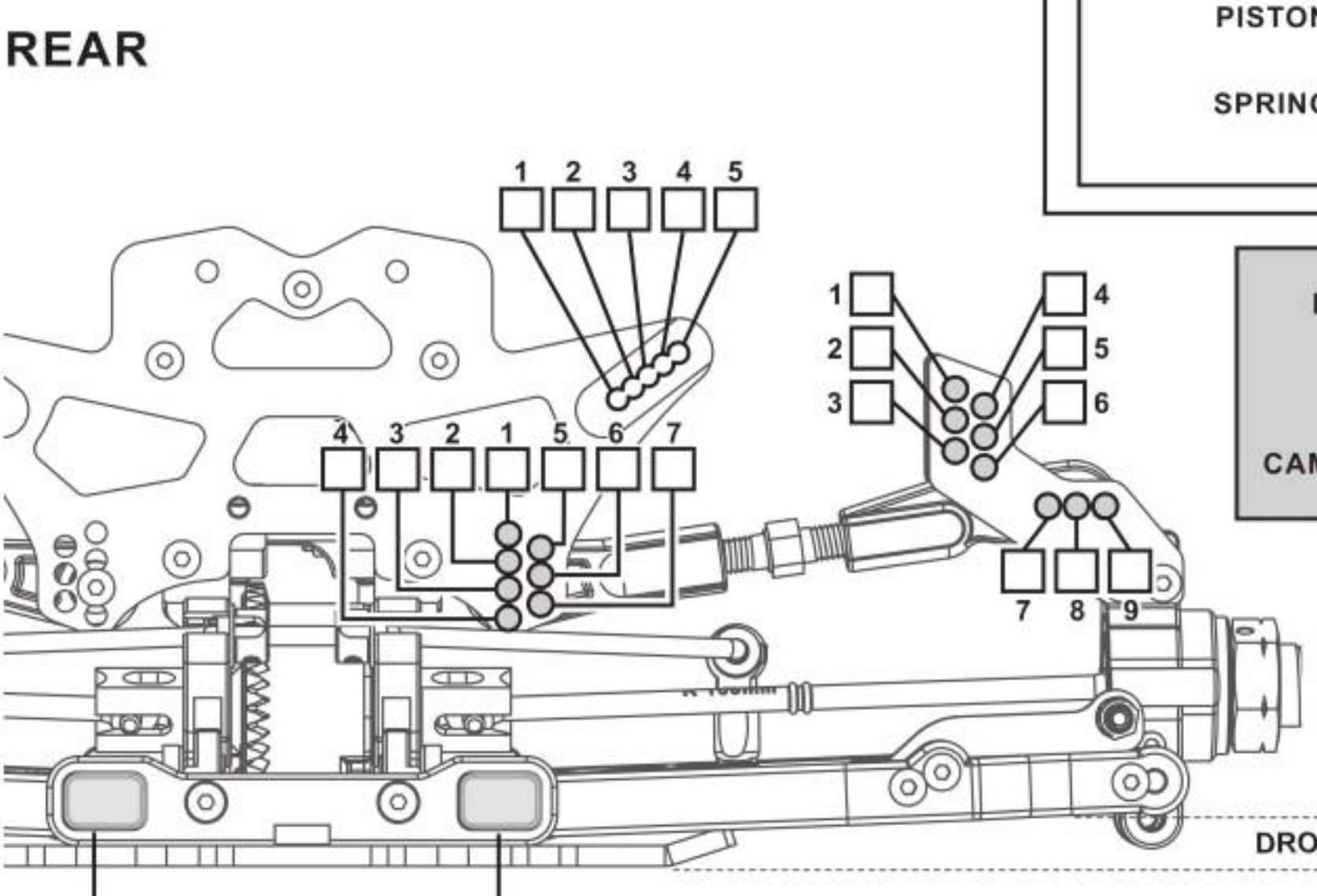
OIL wt.

PISTON mm

SPRING



REAR



INSERT NR.

☐ ☐ ☐ ☐

SHOCK REAR

SHOCK LENGHT mm

OIL wt.

PISTON mm

SPRING



WHEELBASE SHIMS

☐ 0mm ☐ 2mm
☐ 2.5mm ☐ 4.5mm

RIDE HEIGHT

mm

SWAY BAR

mm

CAMBER ANGLE

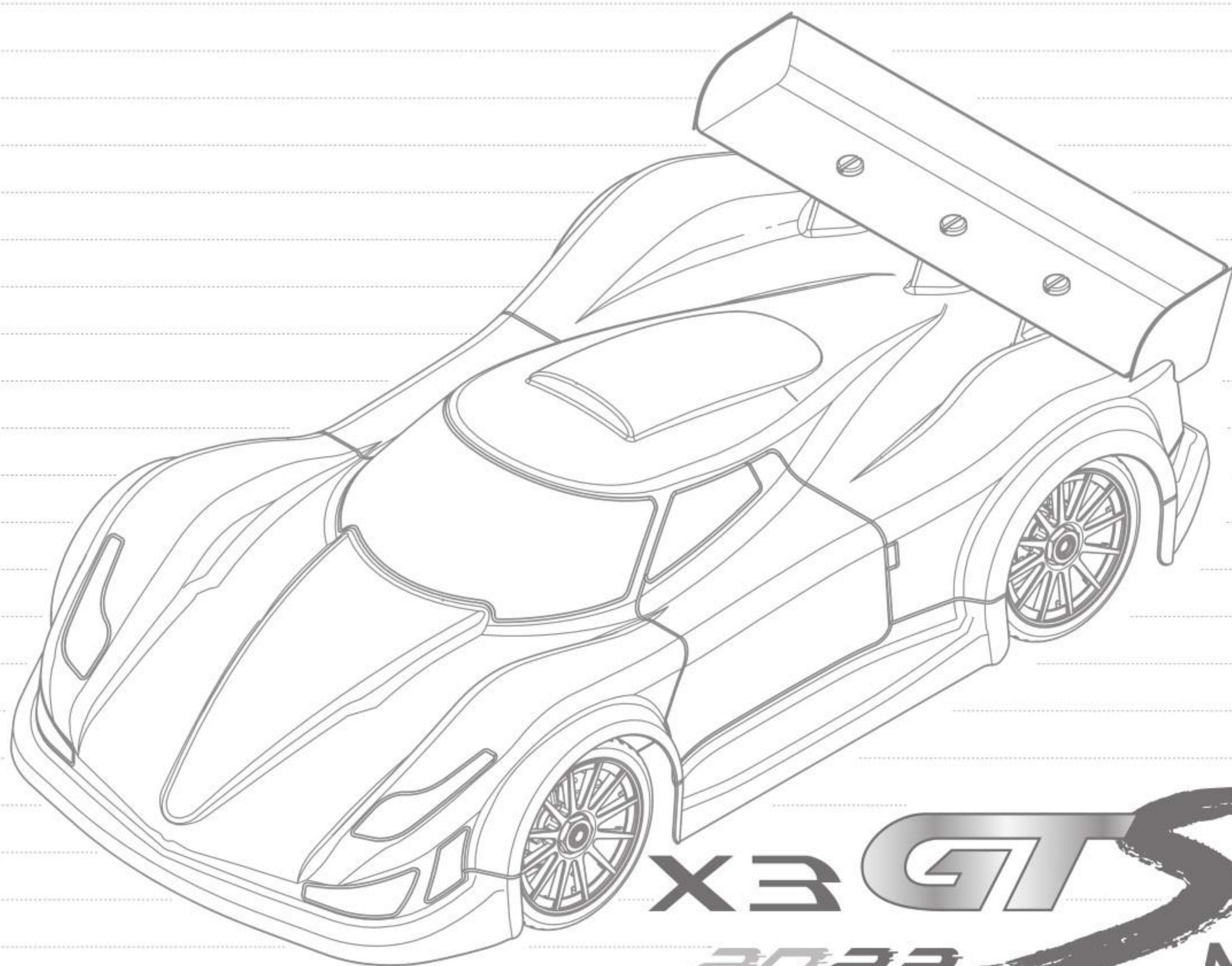
°

DROOP mm

X3-GTS KIT Nitro Version Part List

Item	Description	Qn'ty	Item	Description	Qn'ty
A-34B	Stabilizer Ball End	2	X3GT-05A	SP Brake Disk, Small	1
A-41A	6mm Ball	6	X3GT-11	Servo Saver Spring - Hard	1
A-47A	Bearing 5X10X4	2	X3GT-16	3.5mm C/F Diff Set	1 set
DM-18	Foam Bumper	1	X3GT-18C	3mm microfiber front shock end plate	2
E-37	6mm Ball & Socket	6	X3GT-18D	3mm microfiber rear shock end plate	2
G-19	4x46 Turnbuckle	4	X3GT-18E	3mm 8 shape spancer	2
G-25	7mm Ball	6	X3GT-22	Front Anti-roll Bar 2.5mm	1
G-26	5x35 Turnbuckle	2	X3GT-24	Rear Body Fasten Set	1 set
J-03A	P-6 O-Ring	2	X3GT-29	Alum. Differential Holder	1 set
J-20	Diff Bevel Gear Shim 13x16x0.2mm	4	X3GT-30	Alum. Differential Bearing mount	1 set
J-45-BK	Muffler Stay Post (Black)	1	X3GT-31	Alum. Front Arm Mount	1
JS-14B	6x10 Ball Bearing	4	X3GT-34	Alum. Rear Toe-in Mount	1
JS-24	SPL CNC Brake Disk	1	X3GT-40	Cup Joint for Planet Gear	2
JS-38B	8mm Cap Joint for Brake	2	X3GT-45	CNC 7075 Suspension Bracket, FR (+6°)	1
L-22	Brake Lever	1	X3GT-46	CNC 7075 Suspension Bracket, RF (+2°)	1
L-26	3x36mm Turnbuckle	2	X3GT-53	Steering Servo Saver, Alum.	1
X1-26BK	17mm Wheel Hub	2	X3GT-61A	Adjustable GT Clutch Flywheel 34mm	1
X1-27	Knuckle Arm Bushing	4	X3GT-61B	Center Clutch Nut	1
X1-31	Shock Ball End Post / one- piece / Top	1 set	X3GT-61C	Adjustable GT Clutch Shoe, Black	1
X3-01	Spiral Bevel Gear 43t	1	X3GT-61D	Adjustable GT Clutch Ring	1
X3-02	Spiral Bevel Gear 13t	1	X3GT-61E	Preload Spring Nut for Adjustable Clutch System	1
X3-03	Diff. Gear 10Tx4, 20Tx2	1set	X3GT-61F	Adjustable GT Clutch Bell	1
X3-04A	Front CVD Drive Shaft 107.5mm	2	X3GT-62A	CNC 7075 Chassis Brace (Front)	1
X3-05A	Rear CVD Drive Shaft 105mm	2	X3GT-62B	CNC 7075 Chassis Brace (Rear)	1
X3-06	Drive Shaft Insert / 2.5 x12.8 Pin	4	X3GT-63	Center Drive Shaft, 98mm	1
X3-07	CVD Wheel Axle	2	X3GT-64A	Carbon 4mm Microsoft Front Shock Tower	1
X3-13	3.5 x 45.8 Rear Hub Shaft	2	X3GT-64B	Carbon 4mm Microsoft Rear Shock Tower	1
X3-14	Steering King Pin	4	X3GT-65	Alum. Steering Servo Mount	2
X3-16	Servo Saver Post	2	X3GT-66	Carbon Radio Plate	1
X3-17	Alum. Servo Saver Tube	1	X3GT-67	Carbon Radio Plate Battery Holder	1
X3-19	Servo Saver Adjuster Oring	1set	X3GT-68	Alum. Throttle Bell Crank Post	1
X3-20-BK	Servo Saver Connecting Plate B, Black	1	X3GT-69	Alum. Throttle Bell Crank	1
X3-21	Servo Saver Screws	2	X3GT-71	Alum. Angle Adjustable C-Hub Set	1 set
X3-22	Servo Saver Bushing	2	X3GT-72	Alum. Throttle Servo Mount	2
X3-25	Brake Cam	2	X3GT-74	150cc Low Profile Fuel Tank	1
X3-26	Brake Spring	4	X3GT-74A	Fuel Tank Post	2
X3-28	Brake Rod Spring	2	#155B	Body Clips	4
X3-31	7x8.5mm Ball & Socket	4	#234Y	Ball Bearing 5x8x2.5	1
X3-32	7x12mm Ball & Socket	4	#267D	8x16 Ball Bearing	8
X3-33	Hex 4mm Ball & Socket	2	#267E	2.5 x 16.8 Pin	4
X3-34	2.5x11.8 Pins	10	#277A	5x8 Flange Bearing	2
X3-35	2.5 x12.8 Pins	10	#334	1/10 Air Filter with foam	2
X3-36	Brake Link 1.8 x 95mm	1	#355	SPL Brake Pad for 1/8 cars	2
X3-37-BK	Engine Mount L,R (black)	1set	#363	Alum. Diff Cross Pin (Hard-Coated)	6
X3-38	Diff Gasket 31x20x0.3	3	#387C-BK	16mm Shock Cap (Laser Etched)	4
X3-39	4x8mm Engine Mount Screws	4	#387D-BK	16mm Shock Spring Adjuster, Black	4
X3-43	Diff. Case (F&R)	1	#387E	10 x 1mm O-Ring	4
X3-45	Front Lower Arms L,R	1set	#387F	19 x 1.5mm O-Ring	4
X3-45B	Front Arm Bushing	4	#387G	Plastic Shock Spring Holder	1set
X3-46	Suspension Bracket Inserts	1set	#387P	16mm Shock Piston	1set
X3-47	Steering Knuckle Arm L,R	1set	#387S	Repair Kit for #387	1set
X3-50	Plastic Rod End	1set	#388	16mm Pressure Top (Orange)	4
X3-51	Servo Saver Set/Front Top Deck	1set	#416	16mm GT Shock Spring Set, 2.3mm	1set
X3-53	Rear Lower Arms L,R	1set	#418A	Shock Shaft, Front, 45mm	2
X3-59	Throttle/Steering Level Set	1set	#418B	16mm Front Shock Body	2
X3-61	8x14 Ball Bearing	4	#428A	2-Speed light weight Shaft	1
X3-62	13x20 Ball Bearing	4	#428B	Clutch Shoe Carrier	1
X3-82	Front, Rear Bumper	1set	#428C	2.5mm x 11.8 mm Pins (round head)	10
X3-83	Front Top Deck/Cen. Top	1set	#428D	1st Spur Gear Holder	1
X3-84	Body Post	1set	#428E	2nd Spur Gear Holder	1
X3-89	Rear Anti-roll Bar 2.8mm	1	#428F	8x10x1 5mm AL Bush	1
X3S-04	Diff Cap Joint (Lightweight)	2	#428G	Clutch bushing (extend)	1
X3S-13	CNC Chassis Brace Mount	1	#428I	8x12x3.5 Ball Bearing	2
XT-14A	Brake Rod, 2x68mm	3	#428J	Clutch Shoe (2nd)	2
XT-22	Plastic Shock Parts Set	1set	#428K	2nd Ball (pin 5x4.8)	2
X3S-15-BK	17mm Wheel Hub+1.9mm, Black	2	#428L	2nd Spring	2
X3S-36	CNC Center Diff Brace (AL)	1 set	#428O	61T 1st Spur Gear	1
X3S-37A	5x16 Bearing	2	#428P	57T 2nd Spur Gear	1
X3S-42A	Swaybar Inserts (2) From 2-2.5mm	2	#428Q	Clutch Gear (1st) 19T	1
X3S-42B	Swaybar Inserts (2) From 2.5-3mm	2	#428R	Clutch Gear (2nd) 24T	1
X3.6-07	4x67.6mm Arms Shaft	2	#430	Extended Exhaust Tube Fix Rod	1
X3GT 02	Center CVD Universal Joint Set(F)95mm, GT	1	#431	Brake Caliper Screw	4

X3-GTS KIT Nitro Version 零件表					
編號	品名	數量	編號	品名	數量
A-34B	防傾桿球型	2	X3GT-05A	CNC煞車碟 27mm	1
A-41A	6mm 球形	6	X3GT-11	緩衝組彈簧(硬)	1
A-47A	5x10x4mm培林	2	X3GT-16	3.5mm碳纖中差板	1 set
DM-18	海綿防撞板-V2	1	X3GT-18C	3mm碳纖前避震下支座	2
E-37	6mm球型座	6	X3GT-18D	3mm碳纖後避震下支座	2
G-19	4x46 正反牙(黑)	4	X3GT-18E	3mm 8字形墊片	2
G-25	7mm球型	6	X3GT-22	前防傾桿2.5mm	1
G-26	5x35mm正反牙(黑)	2	X3GT-24	後車殼固定架組	1 set
J-03A	P6 O環	2	X3GT-29	CNC 鋁合金差速器固定座	1 set
J-20	13x16x0.2 墊片(鋼)	4	X3GT-30	CNC 鋁合金差速器培林座	1 set
J-45-BK	排氣管固定鋁座(黑)	1	X3GT-31	CNC 前下擺臂固定座 (前)	1
JS-14B	6x10 培林	4	X3GT-34	CNC 後Toe-in固定座	1
JS-24	CNC煞車碟31mm	1	X3GT-40	小傘接杯	2
JS-38B	17mm剎車接杯	2	X3GT-45	CNC 前下擺臂固定座 (後+6°)	1
L-22	煞車桿	1	X3GT-46	CNC 後上反角固定座 (+2°)	1
L-26	3x36 正反牙	2	X3GT-53	鋁合金緩衝組搖臂	1
X1-26BK	8mm六角輪座(黑)	2	X3GT-61A	飛輪(黑)	1
X1-27	轉向襯套	4	X3GT-61B	中心螺帽	1
X1-31	一體式避震器上支座	1 set	X3GT-61C	離合器片	1
X3-01	蝸型大傘齒 43t	1	X3GT-61D	離合器固定座	1
X3-02	蝸型小傘齒 13t	1	X3GT-61E	彈簧調整螺帽	1
X3-03	差速傘齒(粉末)10Tx2 20Tx2	1set	X3GT-61F	二段離合器罩	1
X3-04A	前CVD傳動軸, 107.5mm	2	X3GT-62A	CNC 7075中央前補強桿(黑)	1
X3-05A	後CVD傳動軸, 105mm	2	X3GT-62B	CNC 7075中央候補強桿(黑)	1
X3-06	CVD 結合軸 / 2.5 x12.8 滾針	4	X3GT-63	中央傳動軸98mm	1
X3-07	CVD輪軸	2	X3GT-64A	碳纖前油壓架4mm	1
X3-13	3.5mm x 45.8mm 後輪座軸心	2	X3GT-64B	碳纖後油壓架4mm	1
X3-14	轉向座大王銷	4	X3GT-65	鋁合金轉向伺服機座	2
X3-16	緩衝組支柱	2	X3GT-66	碳纖二樓板	1
X3-17	緩衝組鋁管	1	X3GT-67	碳纖二樓板電池底座	1
X3-19	緩衝組調整O環 /12 x 1.7 O環	1set	X3GT-68	鋁合金油門連動板支柱	1
X3-20-BK	緩衝組連接板 B (黑)	1	X3GT-69	鋁合金油門伺服連動板	1
X3-21	緩衝組彈簧調整螺絲	2	X3GT-71	CNC可調式C型座	1 set
X3-22	緩衝組襯套	2	X3GT-72	鋁合金油門伺服機座	2
X3-25	煞車凸軸	2	X3GT-74	150cc低重心油箱	1
X3-26	煞車夾片彈簧	4	X3GT-74A	油箱鋁柱	2
X3-28	煞車伺服桿彈簧	2	#155B	車殼插梢	4
X3-31	7x8.5mm球型座	4	#234Y	5x8x2.5 培林	1
X3-32	7x12mm球型座	4	#267D	8x16 培林	8
X3-33	4mm 內六角球型座	2	#267E	2.5 x 16.8 滾針	4
X3-34	2.5x11.8 滾針	10	#277A	5x8x2.5 凸緣培林	2
X3-35	2.5 x12.8 滾針	10	#334	1/10空氣濾清器組	2
X3-36	煞車伺服桿 1.8x95mm	1	#355	特殊煞車夾片	2
X3-37-BK	引擎座 L.R (黑)	1set	#363	鋁合金4mm十字軸	6
X3-38	差速器防漏墊片 31x20x0.3	3	#387C-BK	16mm避震器上蓋(黑)	4
X3-39	4x8mm 引擎座螺絲	4	#387D-BK	16mm避震器調整環 (黑)	4
X3-43	差速殼	1	#387E	10x1mm O環	4
X3-45	前下擺臂塑膠模 (L.R)	1set	#387F	19x1.5mm O環	4
X3-45B	擺臂襯套	4	#387G	彈簧止座塑膠模	1set
X3-46	傾角調整套	1set	#387P	16mm避震器活塞模	1set
X3-47	轉向座塑膠模 (L.R)	1set	#387S	16mm避震器修理包	1set
X3-50	拉桿球頭塑膠模	1set	#388	16mm避震器用氣室 桔色	4
X3-51	緩衝組/三角板塑膠模	1set	#416	16mm GT避震器彈簧組, 2.3mm	1set
X3-53	後下擺臂塑膠模 (L.R)	1set	#418A	前避震軸心, 45mm	2
X3-59	伺服片塑膠模	1set	#418B	16mm外牙筒身(前)	2
X3-61	8x14 培林	4	#428A	輕量二段軸心	1
X3-62	13x20 培林	4	#428B	離合器片固定座	1
X3-82	前後防撞板模	1set	#428C	2.5x11.8(圓頭)滾針	10
X3-83	三角板/中差上蓋模	1set	#428D	單向大齒座(一段用)	1
X3-84	車殼柱模	1set	#428E	培林大齒座(二段用)	1
X3-89	後防傾桿2.8mm	1	#428F	8x10x1.5mm鋁套	1
X3S-04	輕量差速接杯	2	#428G	離合器襯套(加長)	1
X3S-13	後補強桿固定座(黑)	1	#428I	8x12x3.5培林	2
XT-14A	剎車伺服桿1.8x68mm	3	#428J	二段離合器片	2
XT-22	避震器塑膠件	1set	#428K	二段鋼珠 (pin 5x4.8)	2
X3S-15-BK	加寬1.9mm六角輪座(黑)	2	#428L	二段彈簧	2
X3S-36	CNC鋁合金中差座	1 set	#428O	61T 大齒(一段用)	1
X3S-37A	5x16 培林	2	#428P	57T 大齒(二段用)	1
X3S-42A	防傾桿輪檔 (2-2.5mm)	2	#428Q	碗公齒(1st) 19T	1
X3S-42B	防傾桿輪檔 (2.5-3mm)	2	#428R	碗公齒(2nd) 24T	1
X3.6-07	4x67.6mm圓頭擺臂軸	2	#430	彈簧式排氣管固定桿 (77mm)	1
X3GT-02	中央CVD傳動軸(前)	1	#431	煞車夾片螺絲	4





X3 GT

2023 NITRO

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THIS IS NOT A TOY !

- NOT ALLOWED FOR CHILDREN UNDER 16 YEARS OLD.
- INSTRUCTIONS FOR ENGINE / MOTOR, ELECTRONICS / RADIO MUST BE READ BEFORE USE.