

SCRT10



4X4

1/10th SCALE RADIO CONTROLLED ELECTRIC POWERED SHORT COURSE TRUCK

INSTRUCTION MANUAL 組立說明書

Features:

- Brand new designed 1/10 scale 4WD short course truck.
- Newly designed dustproof gearbox for front and rear.
- High impact large front bumper and foam bumper.
- CNC machined high-grade aluminium 3mm chassis.
- CNC machined three-pieces aluminium motor mount.
- Motor gears are exchangeable.
- Tough nylon material 46T spur gear.
- CNC machined Heat-treated motor gear.
- Adjustable Ackerman steering geometry.
- Durable steel turnbuckles for front and rear camber adjustments.
- Front "C" hub knuckles with universal drive shafts.
- High-grade steel drive shafts for center
- High-grade 6061-T6 aluminium 3mm black chassis.
- Water proof receiver box and transponder mount.
- Secure electric speed controller mounting plate.
- F/R shock towers with multiple mounting positions.
- Thread type adjustable coil over aluminium shocks.
- Complete set of rubber sealed ball bearings.
- New shape 2.2" wheel with color bead lock rings.
- High traction tires on 12mm hex wheels.
- Many CNC aluminium option parts available!

Specifications:

Length: 530mm Width: 273mm Height: 190mm~202mm Wheelbase: 324mm Ground clearance: Front 40mm/Rear 50mm
Gear Ratio: 10.61:1 (Gear Changeable)

(The 80% chassis assembly doesn't include electronic parts, battery and radio.)

ADDITIONAL PARTS NEEDED FOR RTR CHASSIS ASSEMBLY

- 7.2V BATTERY PACK.
- AC TO DC CHARGER.
- 8 "AA" TYPE BATTERIES FOR TRANSMITTER.

ADDITIONAL PARTS NEEDED FOR 80% CHASSIS ASSEMBLY

- 7.2V BATTERY PACK.
- AC TO DC CHARGER.
- ELECTRONIC SPEED CONTROLLER.
- RADIO CONTROLLER SET.
- 8x "AA" TYPE BATTERIES FOR TRANSMITTER.

RTR組合車需另購物件

- 7.2V電池包。
- AC(交流)變DC(直流)充電器。
- 8個發射機用"AA"3號型乾電池。

80%組合車需另購物件

- 7.2V電池包。
- AC(交流)變DC(直流)充電器。
- 電子變速器
- 2動作遙控器組。
- 8個發射機用"AA"3號型乾電池。

THIS IS NOT A TOY!

- DO NOT USE WITH CHILDREN YOUNGER THAN 16 YEARS.

本產品非一般玩具!

- 不適合16歲以下兒童使用。(不熟悉模型組裝使用者,請洽專業人士指導)。

HONG NOR

QUALITY R/C MODEL PRODUCTS

鴻諾企業有限公司

HONG NOR ENTERPRISE CO.,LTD.

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

TEL: 886 2-2694-0345
FAX: 886 2-2694-1632

www.hongnor.com.tw

*圖示為樣品車其可能與包裝內容不同。規格及配備以實際包裝為主。配備內容或零件更改恕不另行預先通知。
MODEL SHOWN MAY BE PROTOTYPE AND VERY SLIGHTLY FROM KIT. SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

REQUIRED FOR OPERATION 完成套件必備品

80% CHASSIS ASSEMBLY NEED 80%完成車系列需要部品



Radio control set with one servo.
遙控器及伺服機

8 "AA" Type Batteries
3號電池 x 8

7.2V Rechargeable Battery Pack.
充電式7.2V電池包

AC to DC Battery Charger.
AC變DC充電器

Electric Speed Controller
電子變速器

DC 540 electric motor.
DC 540馬達

RTR VERSION NEED RTR系列需要部品



7.2V Rechargeable Battery Pack.
充電式7.2V電池包



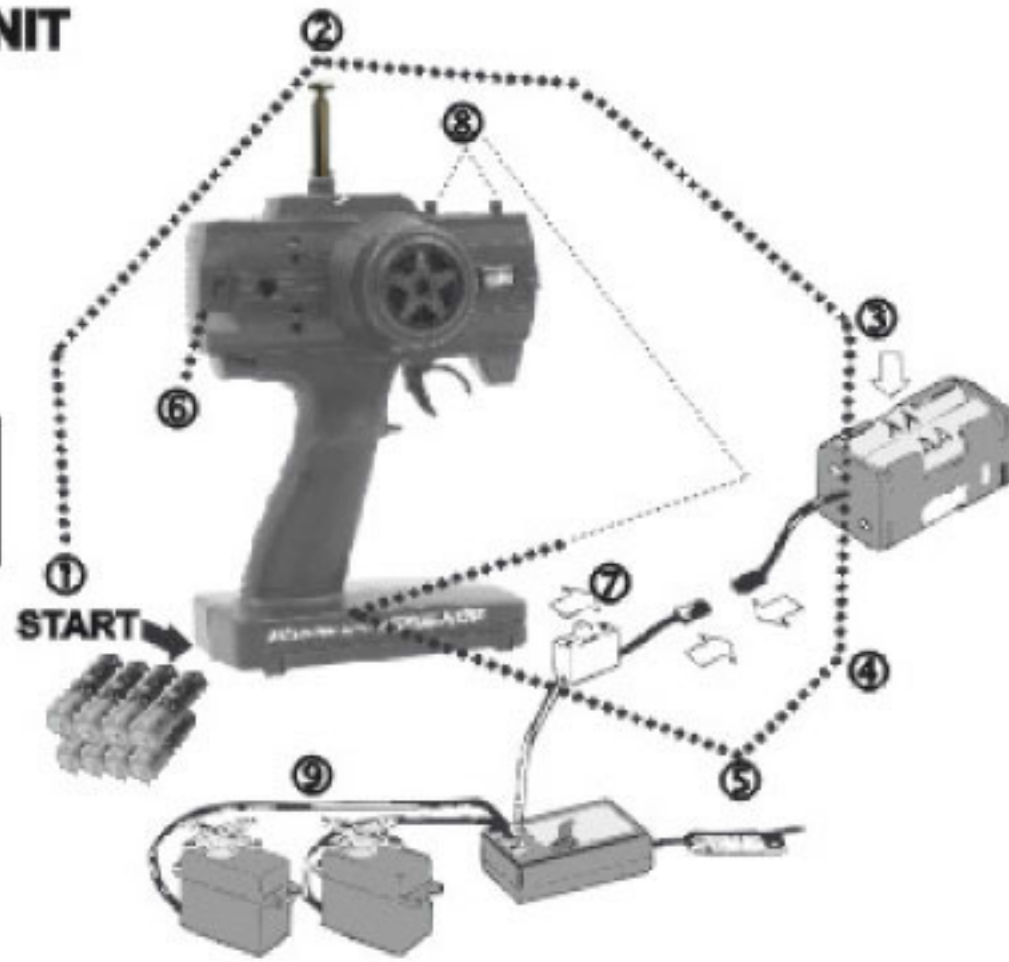
AC to DC Battery Charger.
AC變DC充電器



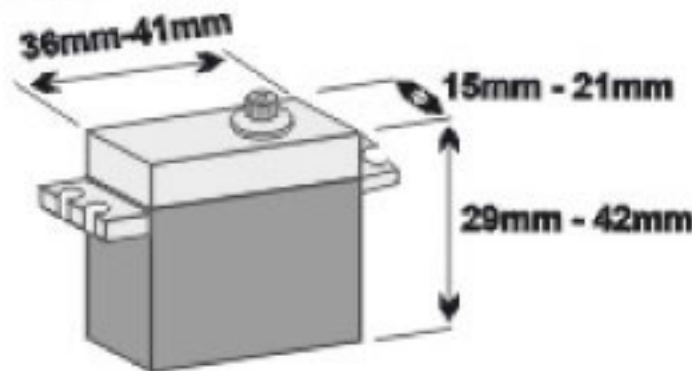
8 "AA" Type Batteries
3號電池 x 8

2 CHANNEL RADIO CONTROL UNIT 2動作遙控器組

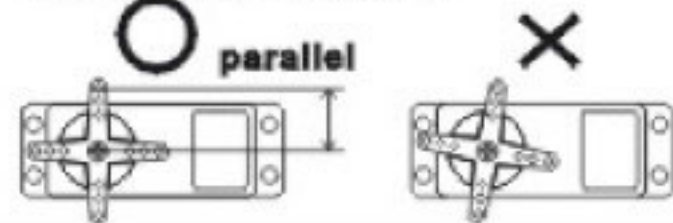
Carefully read the instruction manual of your 2 channel radio controller before using.
使用遙控器前請先仔細閱讀原廠說明書



SUITABLE SERVO SIZE
伺服機適合尺寸



*Set the servo horn at neutral position.
設立伺服機於中立點位置



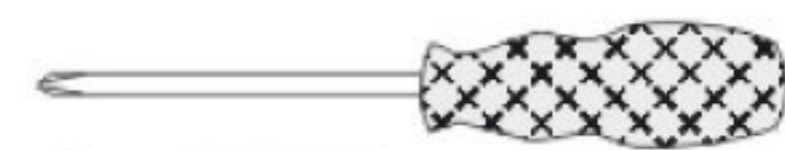
Radio must be set at neutral position before installing in the kit.

SEQUENCE TO SET NEUTRAL

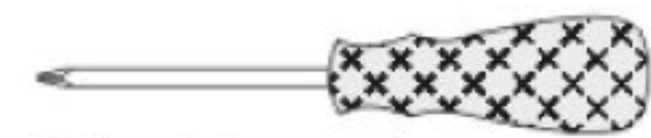
遙控在組合前必需要設立中立點

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

TOOLS NOT INCLUDED IN THE KIT 需使用之工具



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



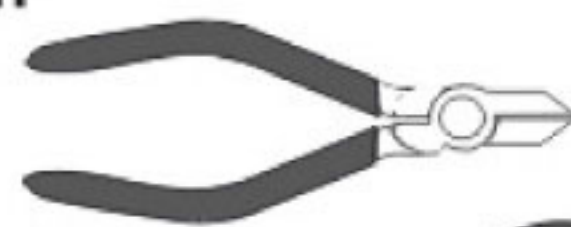
Phillips Type Screw Drivers (S)
小型十字螺絲起子



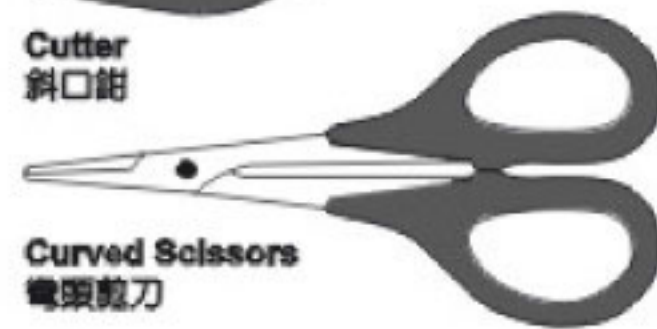
Needle Nosed Pliers
尖嘴鉗



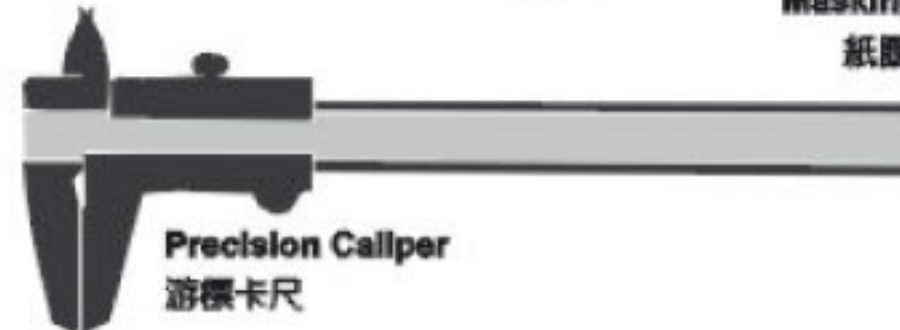
Knife
美工刀



Cutter
斜口鉗



Curved Scissors
彎頭剪刀



Precision Calliper
游標卡尺



Brush



Cross Wrench
六角起子



Instant Cement
3秒瞬間膠水

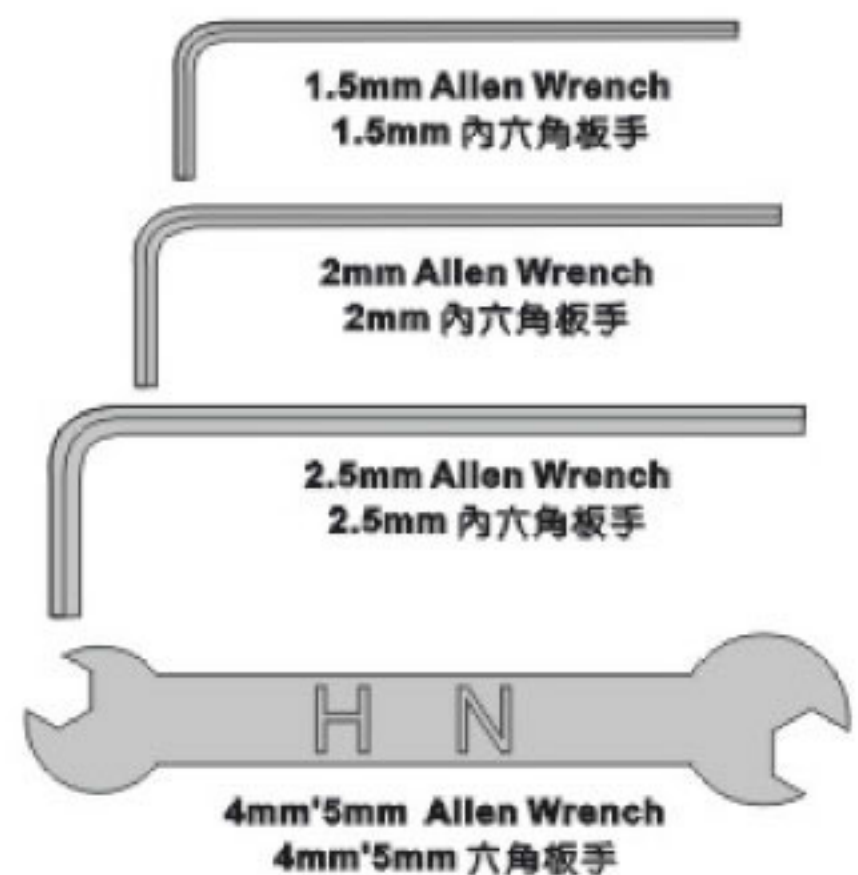


Masking Tape
紙膠帶



Paints
模型用油漆

INCLUDED IN THE KIT 套件內裝備



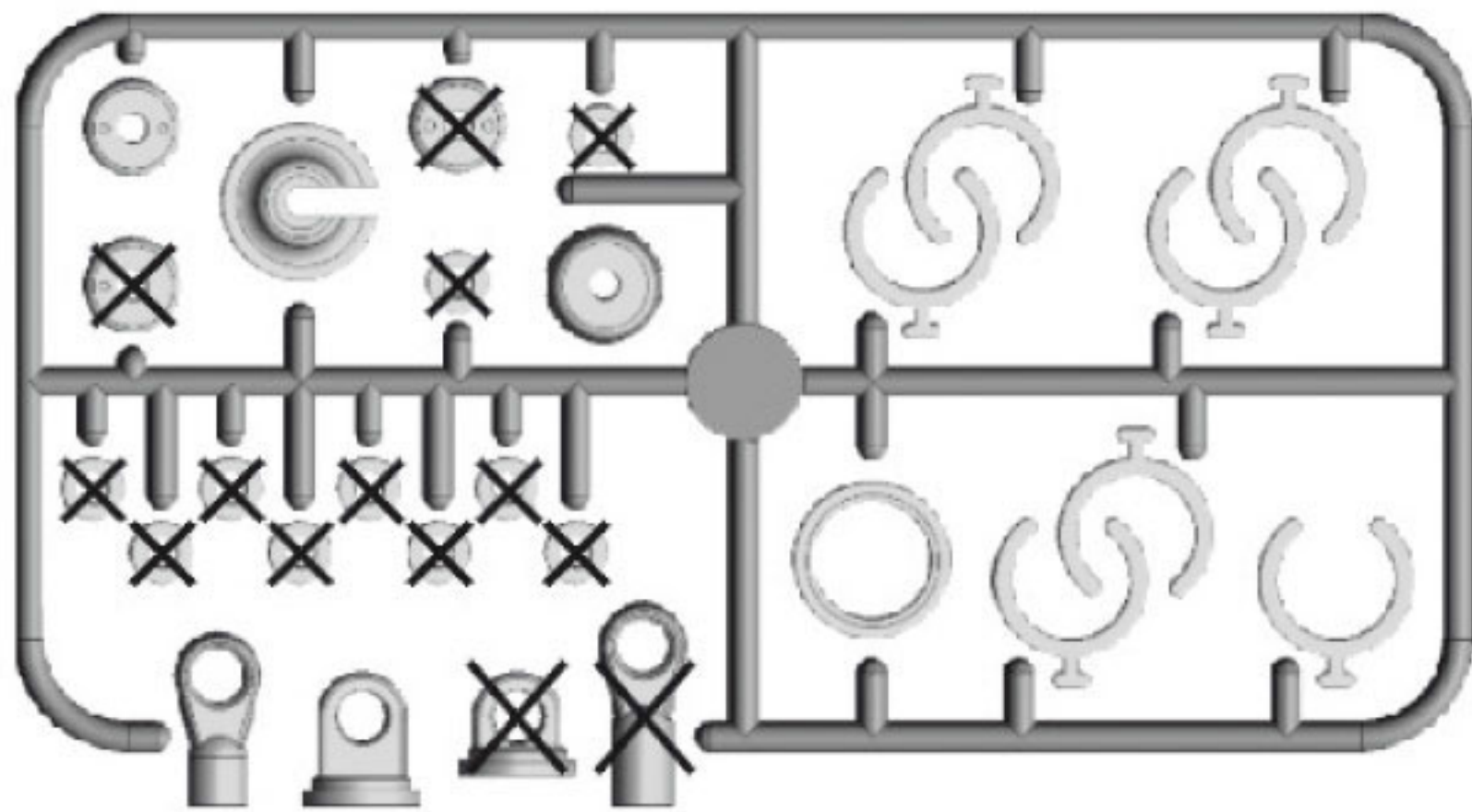
1.5mm Allen Wrench
1.5mm 內六角扳手

2mm Allen Wrench
2mm 內六角扳手

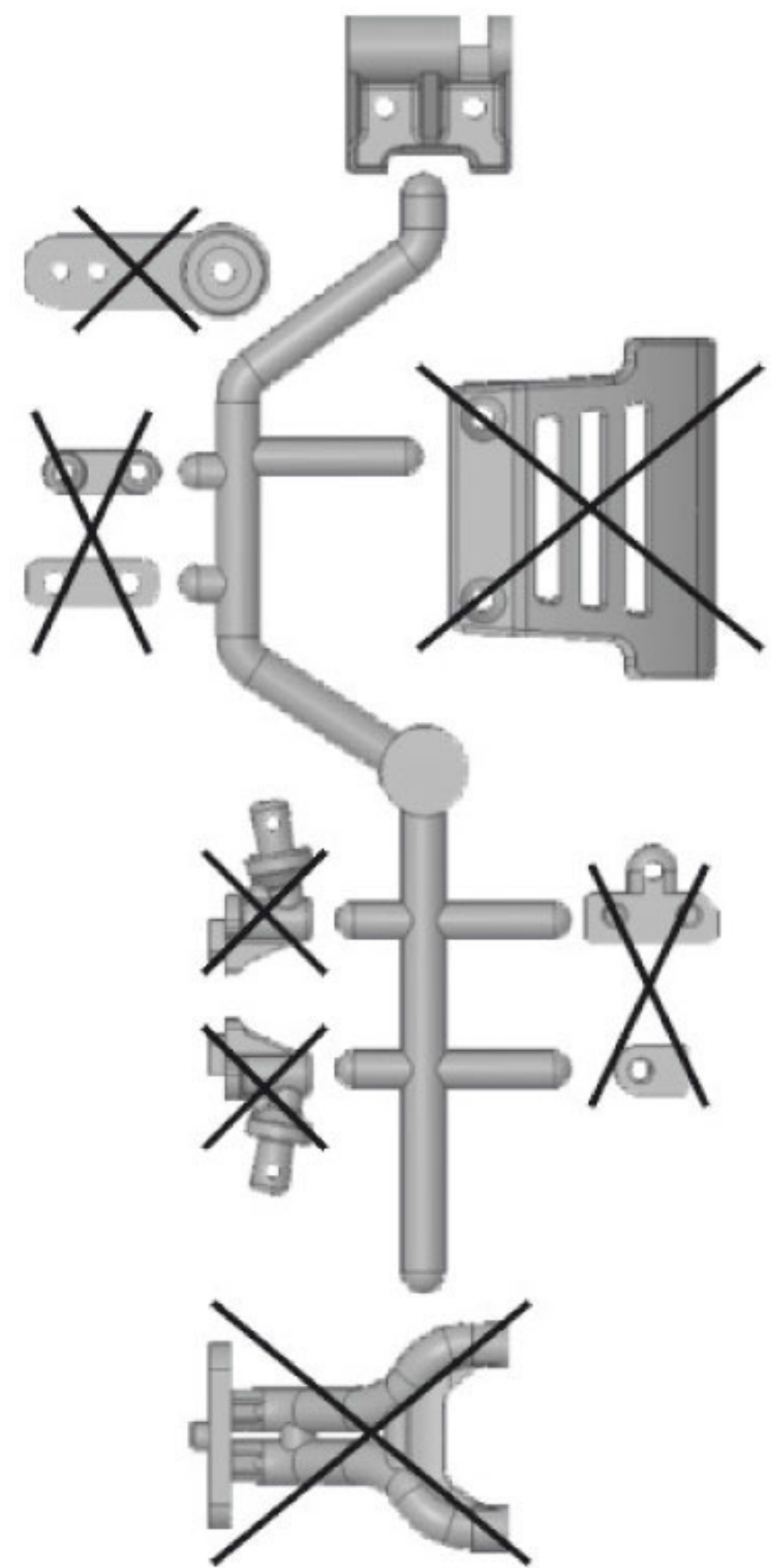
2.5mm Allen Wrench
2.5mm 內六角扳手

4mm*5mm Allen Wrench
4mm*5mm 六角扳手

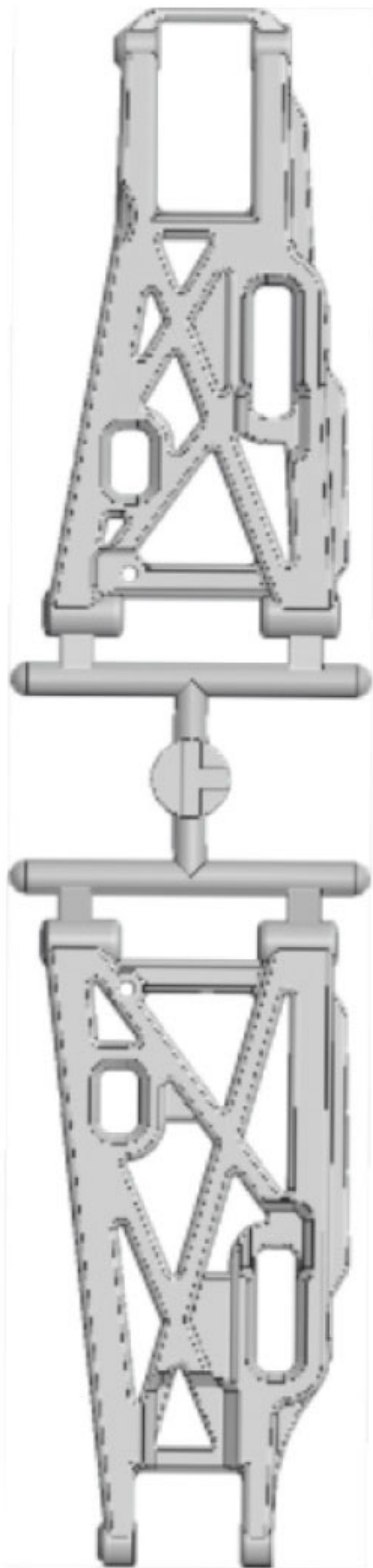
E-10
SHOCK ABSORBER
油壓零件



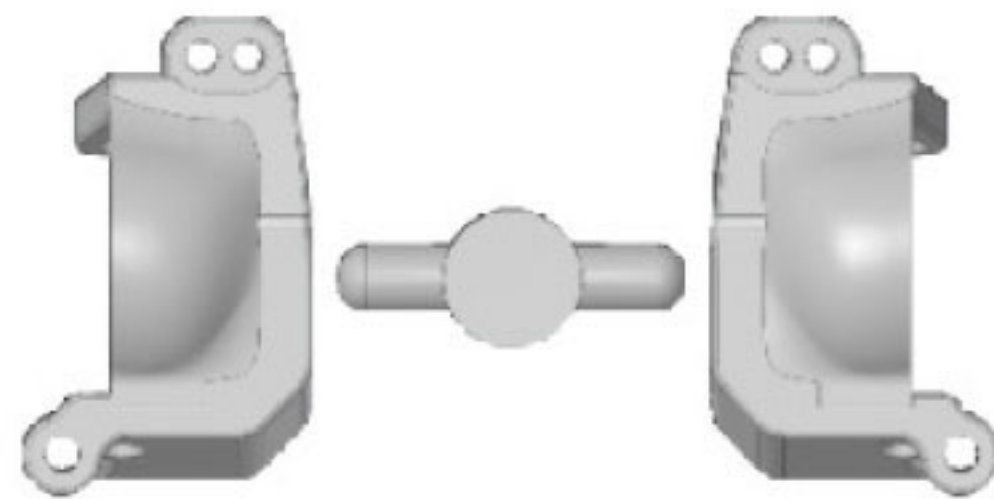
TM-59
BUMPER & RADIO TRAY POST & BODY POST
防撞板、二樓板支柱、車殼支柱



TM-36
FRONT & REAR LOWER ARM
前、後下擺臂



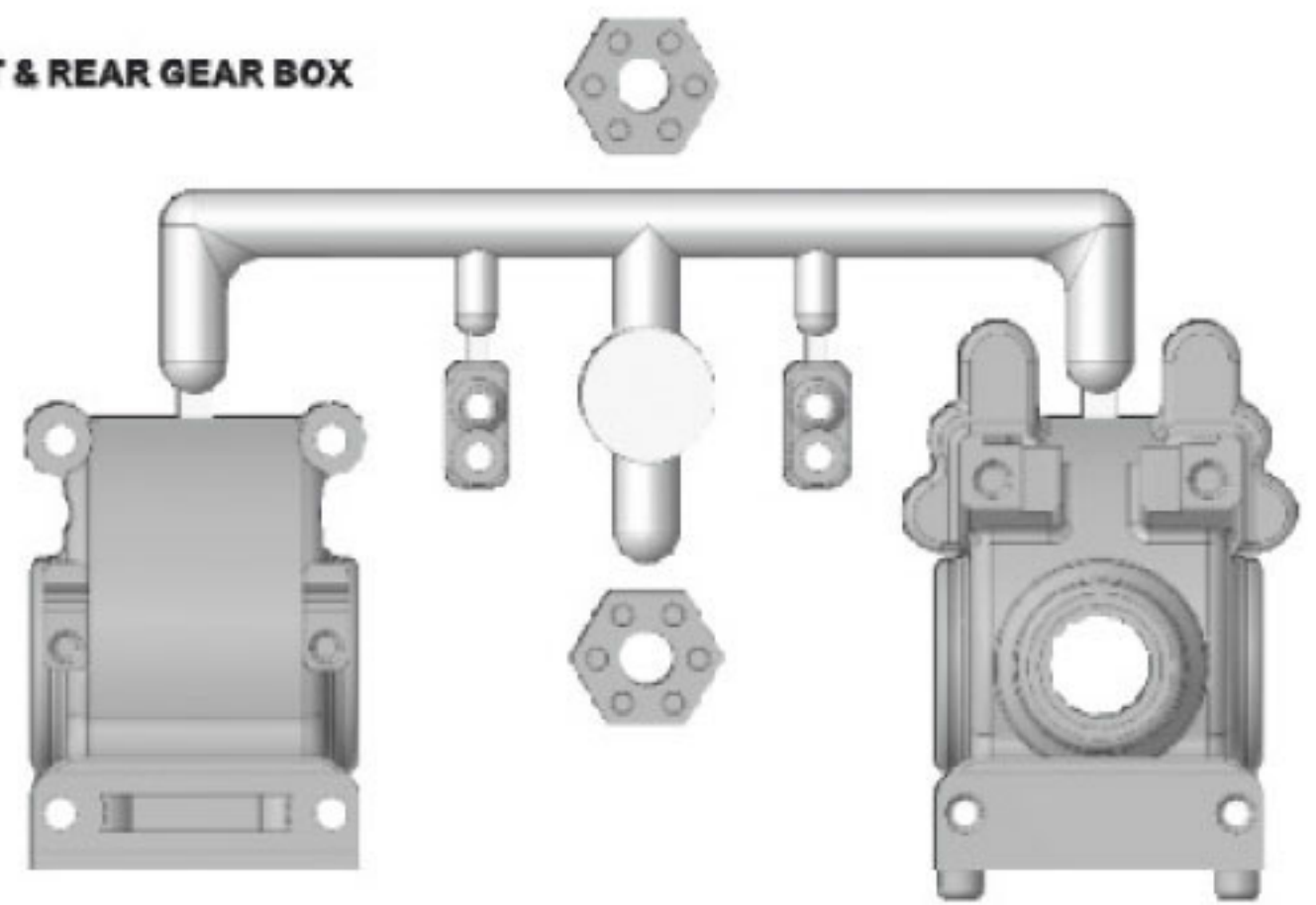
TM-39
FRONT C HUB
C型座



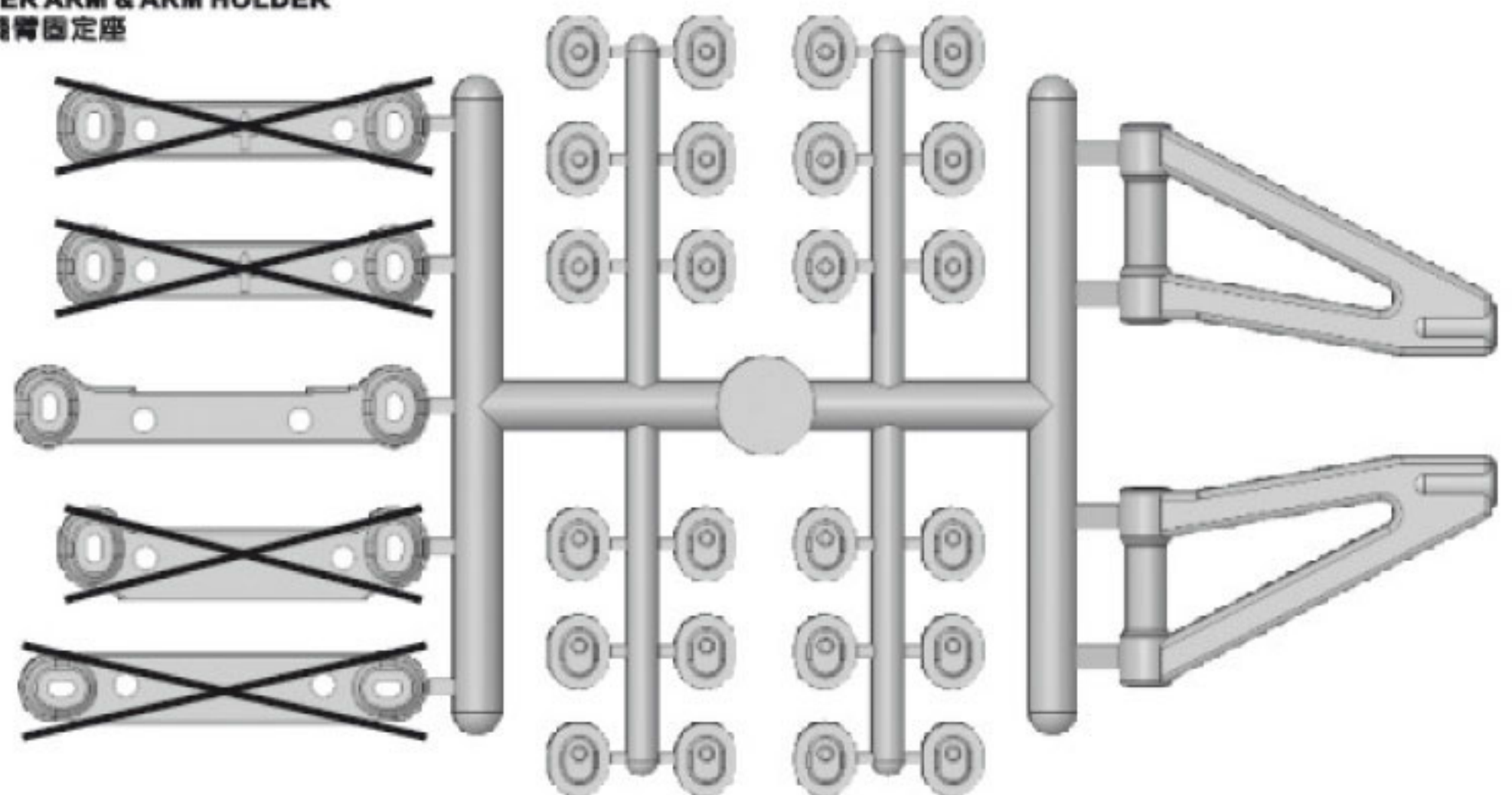
TM-35
DIFF. CASE
差速殼



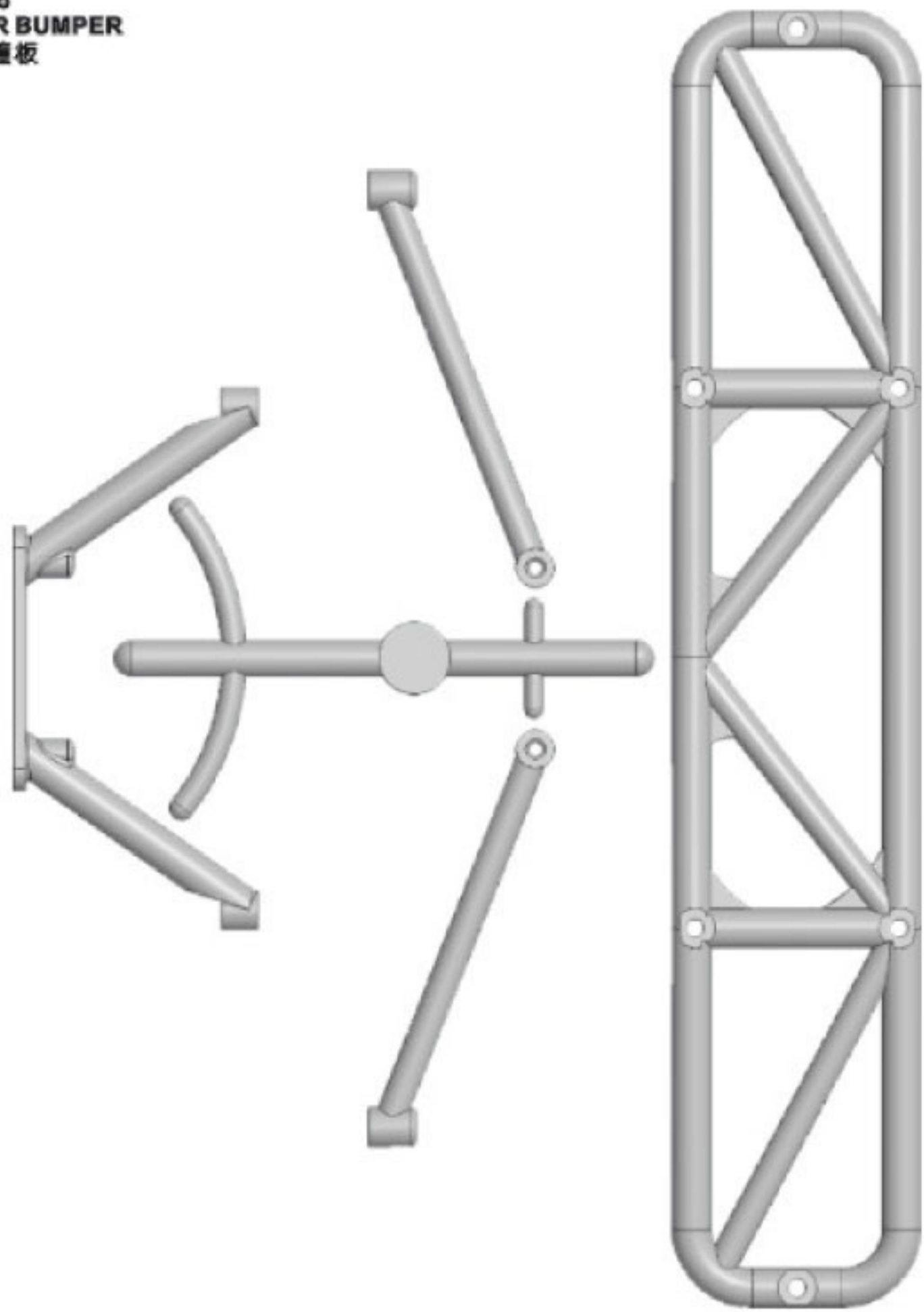
TM-40
FRONT & REAR GEAR BOX
齒輪箱



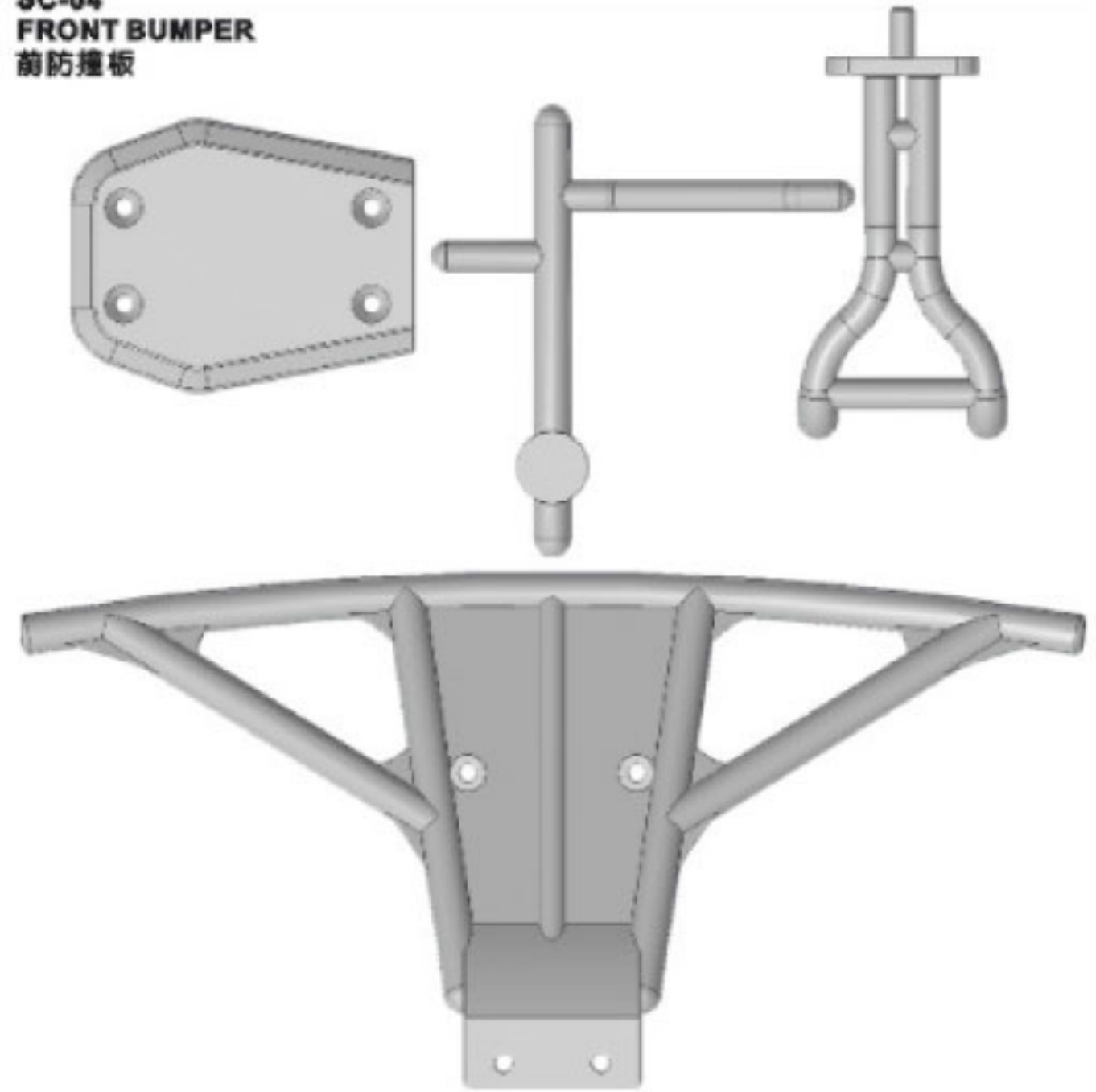
TM-37
FRONT UPPER ARM & ARM HOLDER
前上擺臂、擺臂固定座



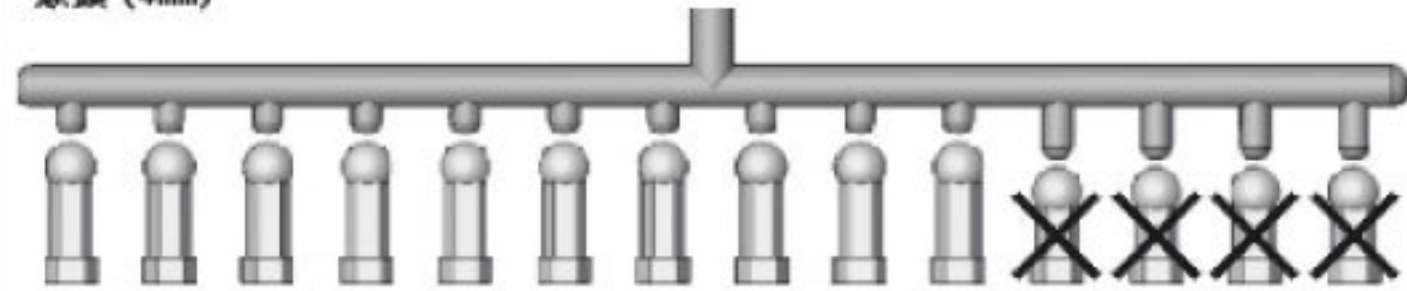
SC-05
REAR BUMPER
後防撞板



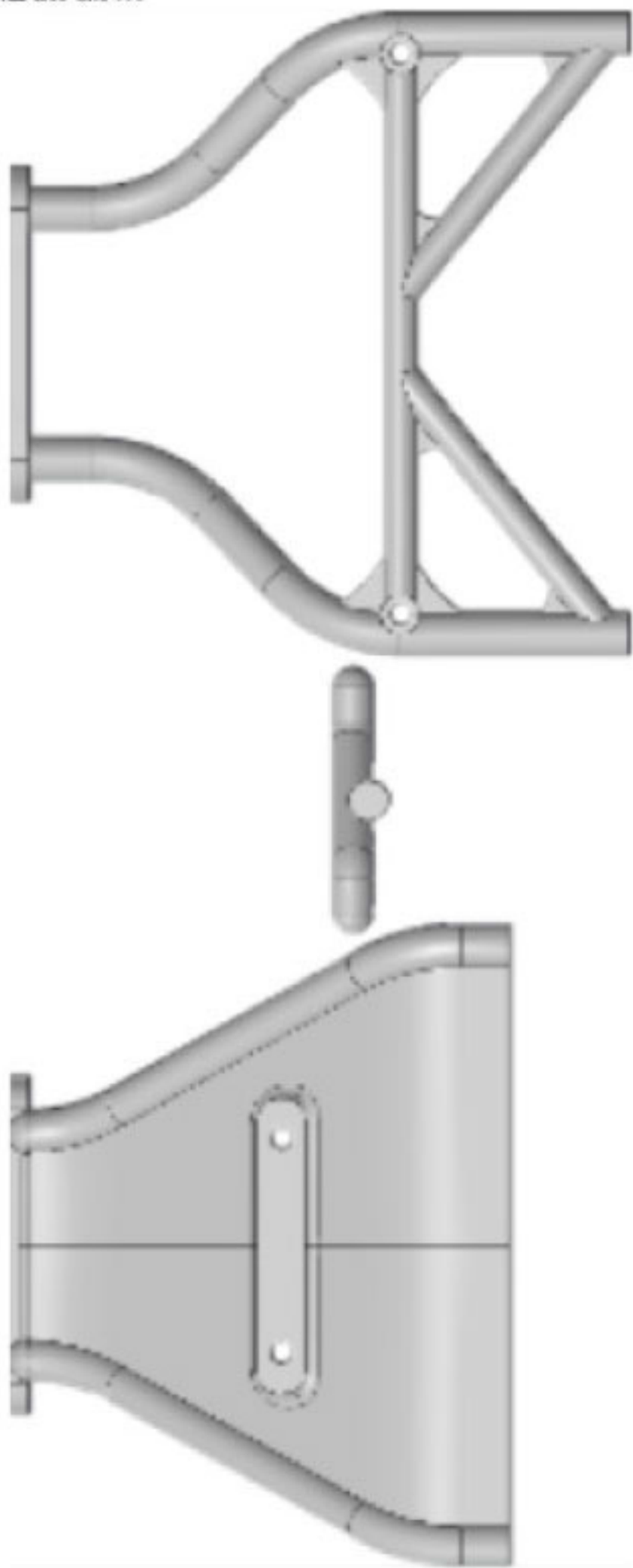
SC-04
FRONT BUMPER
前防撞板



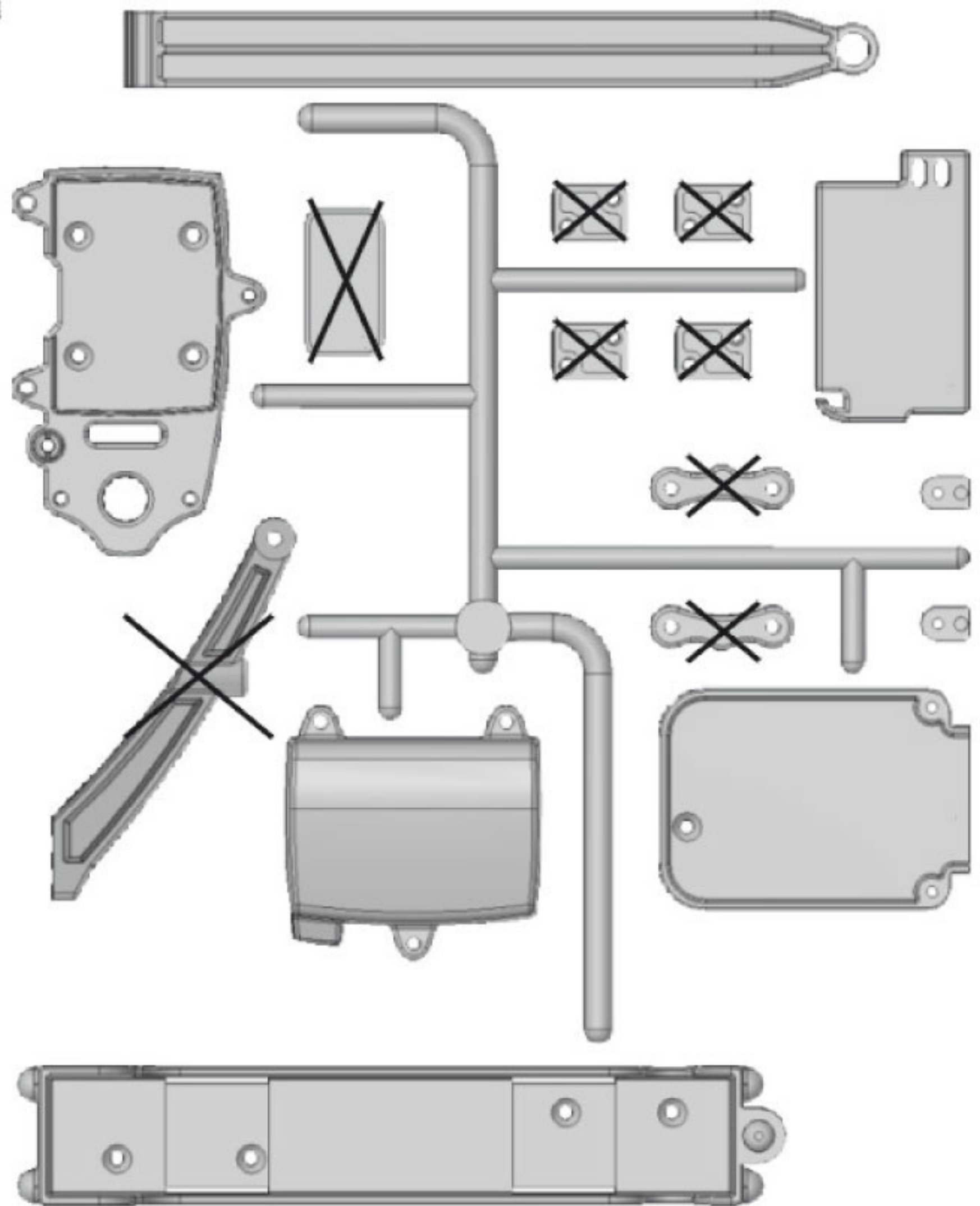
E-65
BALL END (4mm)
球頭 (4mm)



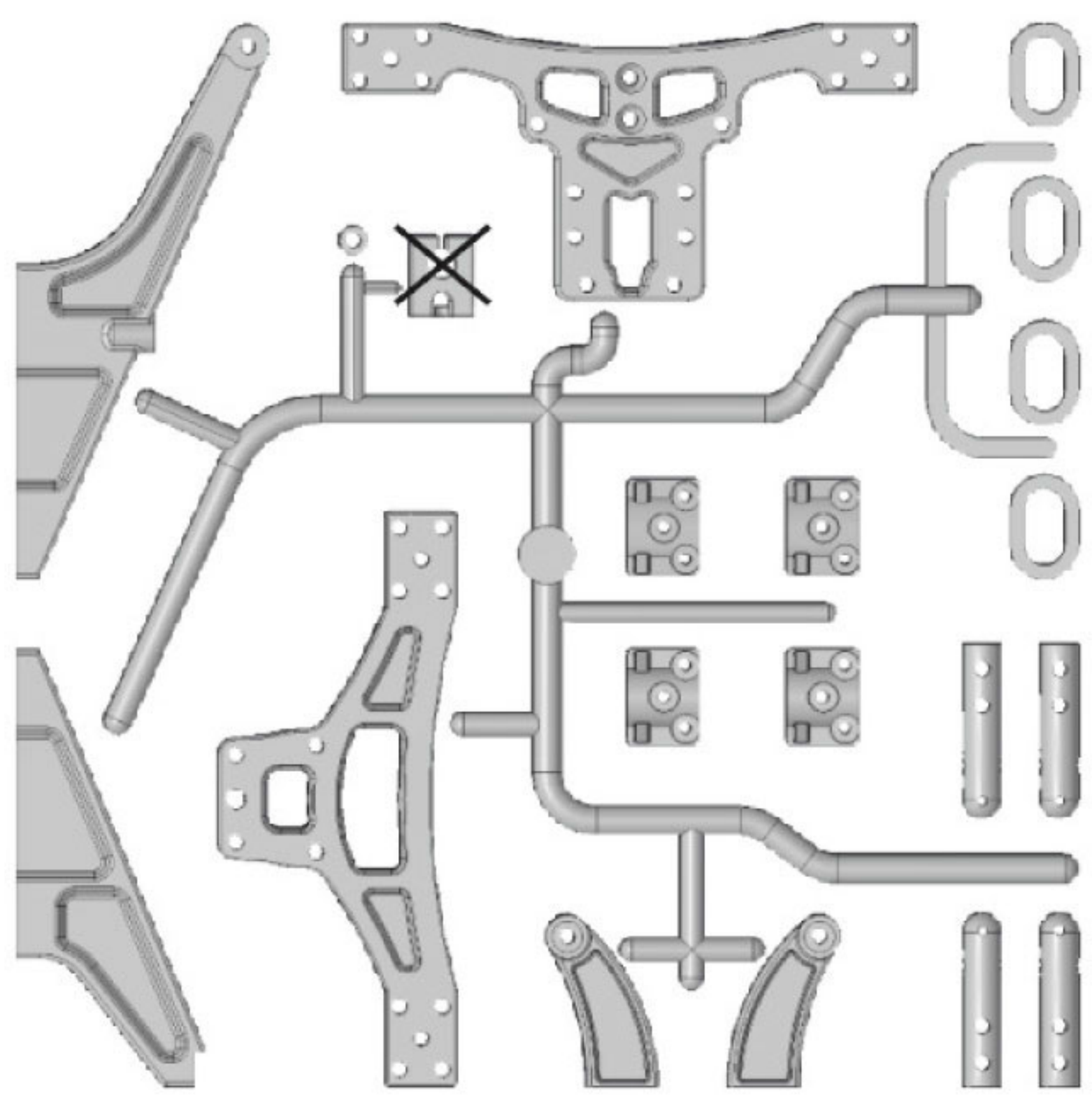
SC-06
REAR BUMPER BRACE
後防撞板支撐架



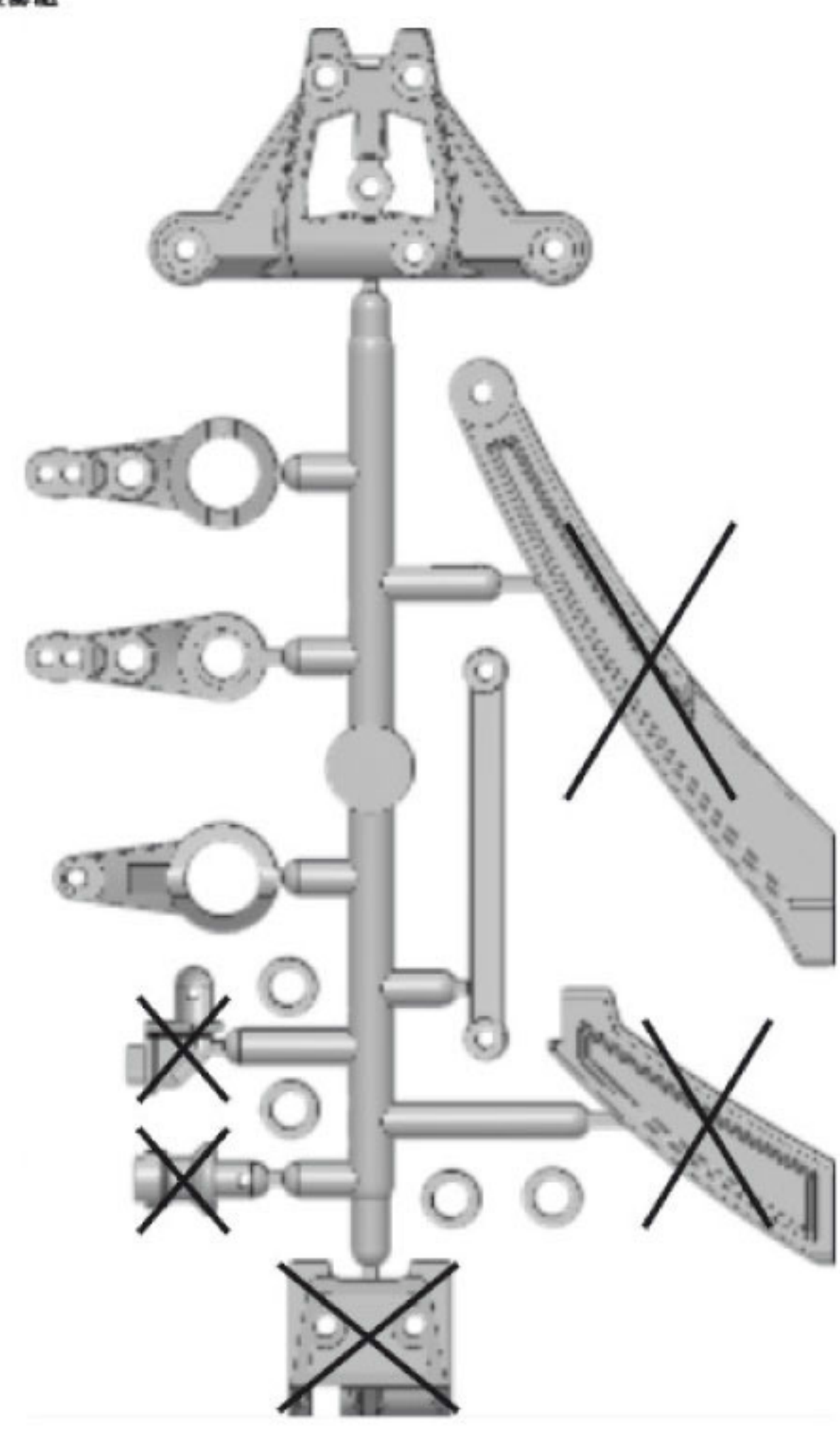
SC-07
BATTERY CASE & RECEIVER BOX
電池盒



SC-08
BODY POST & CENTER BRACE
車殼支柱與補強桿



TM-34
SERVO SAVER
緩衝組



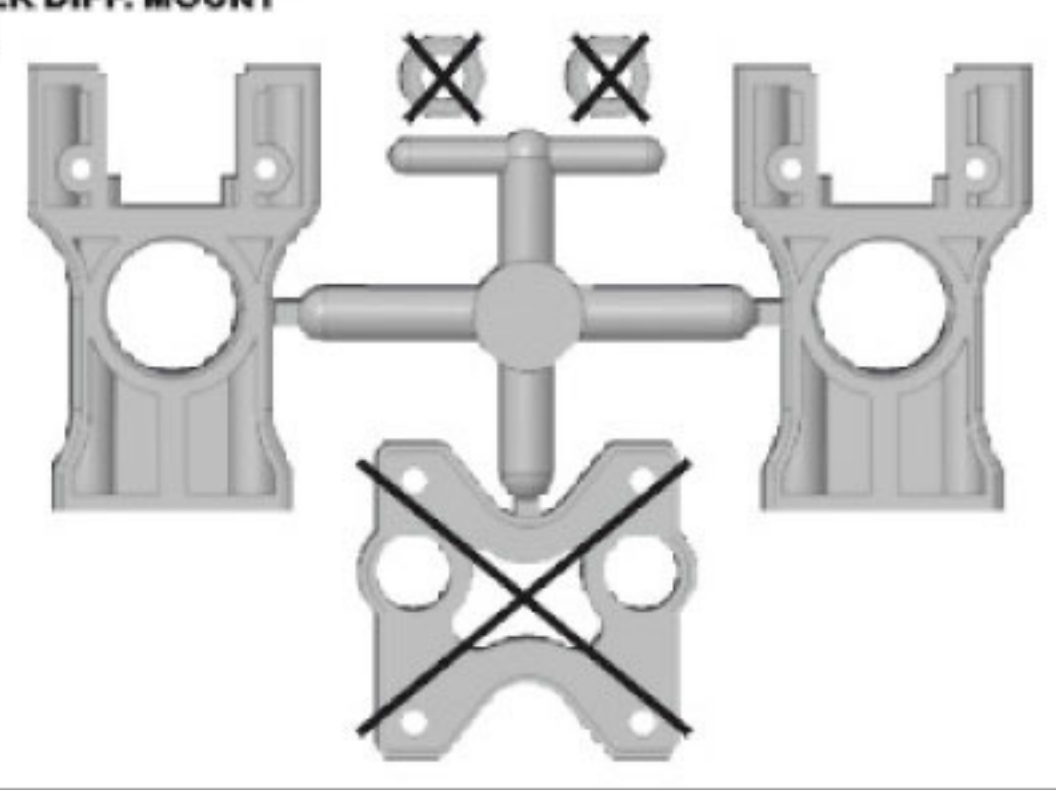
TM-41
FRONT KNUCKLEARM
轉向座 L、R



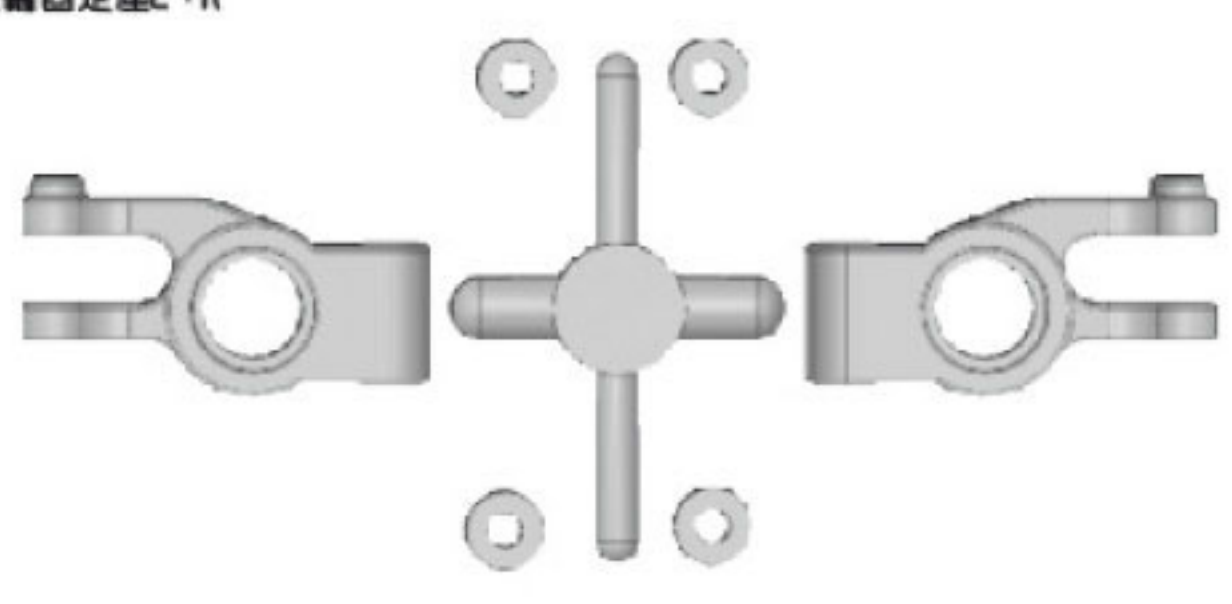
SC-09
SPUR GEAR (46T)
大直齒 (46T)



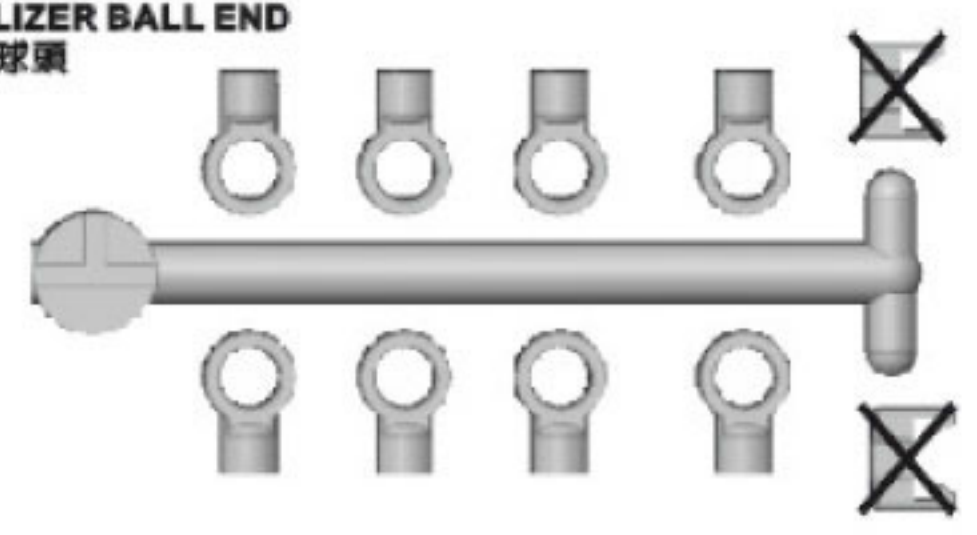
TM-44
CENTER DIFF. MOUNT
中差座



TM-43
REAR UPRIGHT
後輪固定座 L、R



TM-48
STABILIZER BALL END
平衡桿球頭

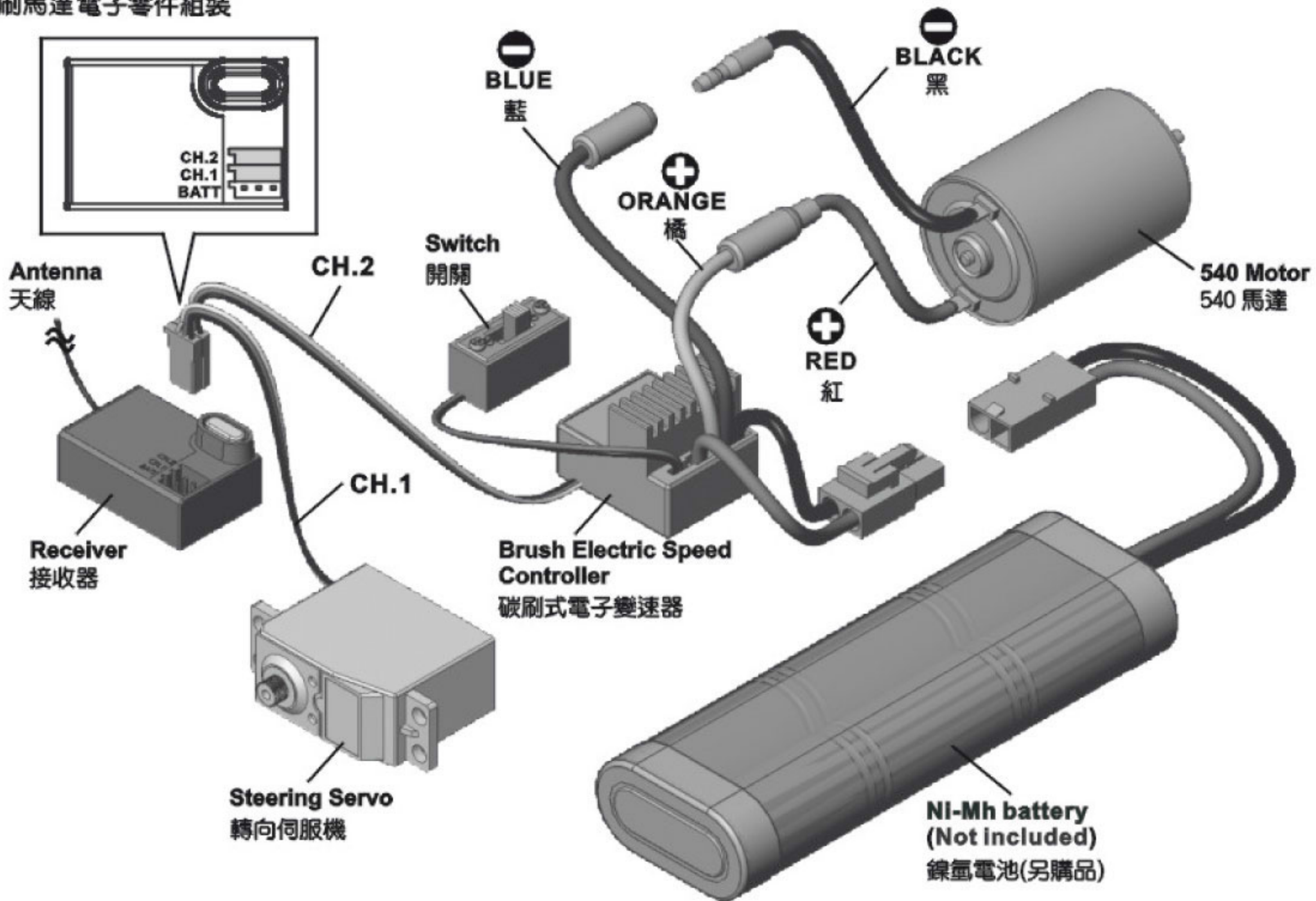


SYMBOL USED THROUGHOUT THE INSTRUCTION MANUAL
說明書附註使用標示

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 確保可自由活動	Contact Adhesive 使用強力打接著劑
Apply Screw Cement 使用螺絲膠	Apply Oil 塗上潤滑油	Apply Grease 塗上潤滑黃油	1:1 True-To-Scale 1:1 原尺寸圖	Clockwise Rotation 順時針方向旋轉	Anti-clockwise Rotation 反時針方向旋轉

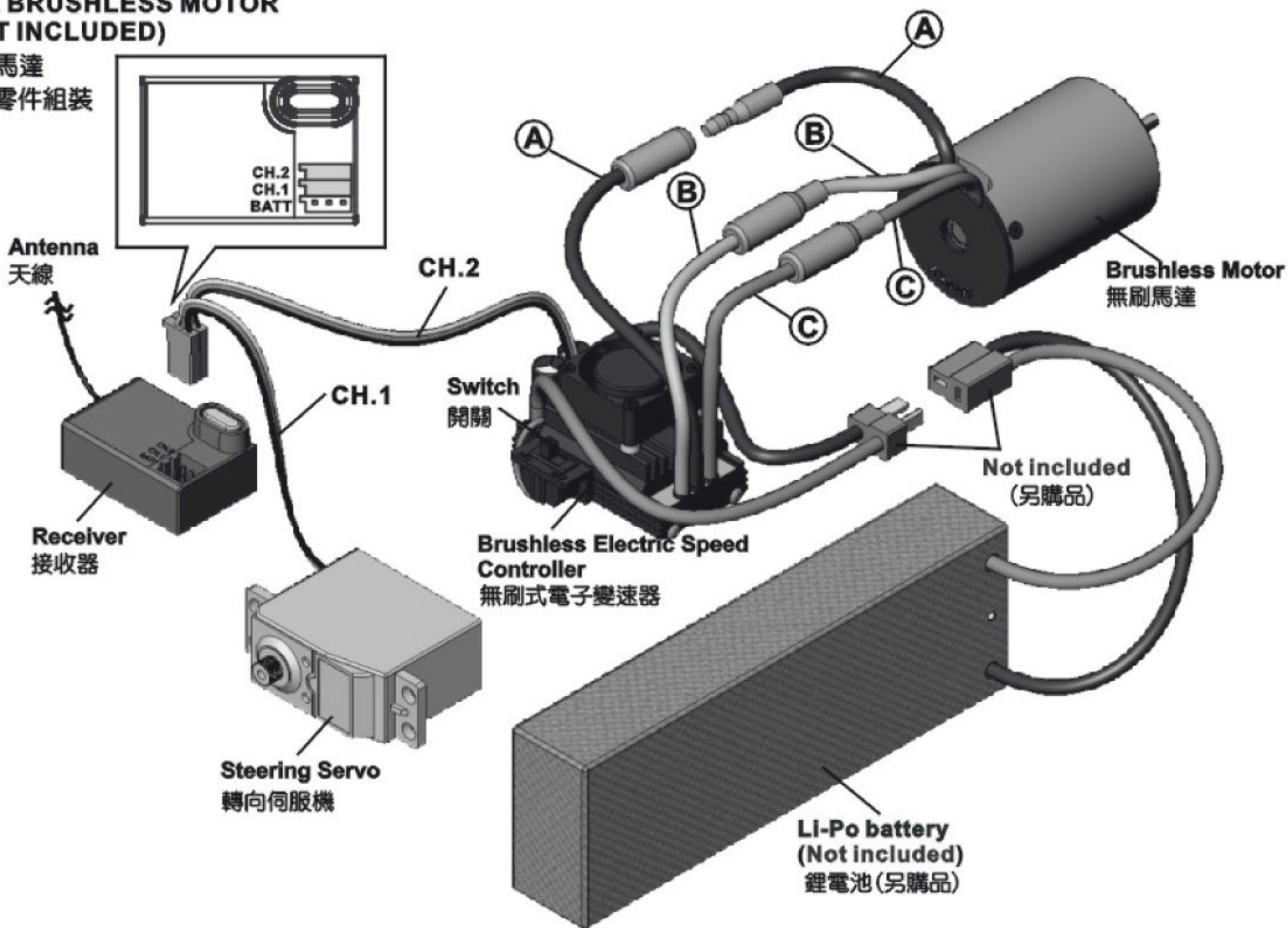
FOR BRUSH MOTOR

碳刷馬達電子零件組裝



FOR BRUSHLESS MOTOR (NOT INCLUDED)

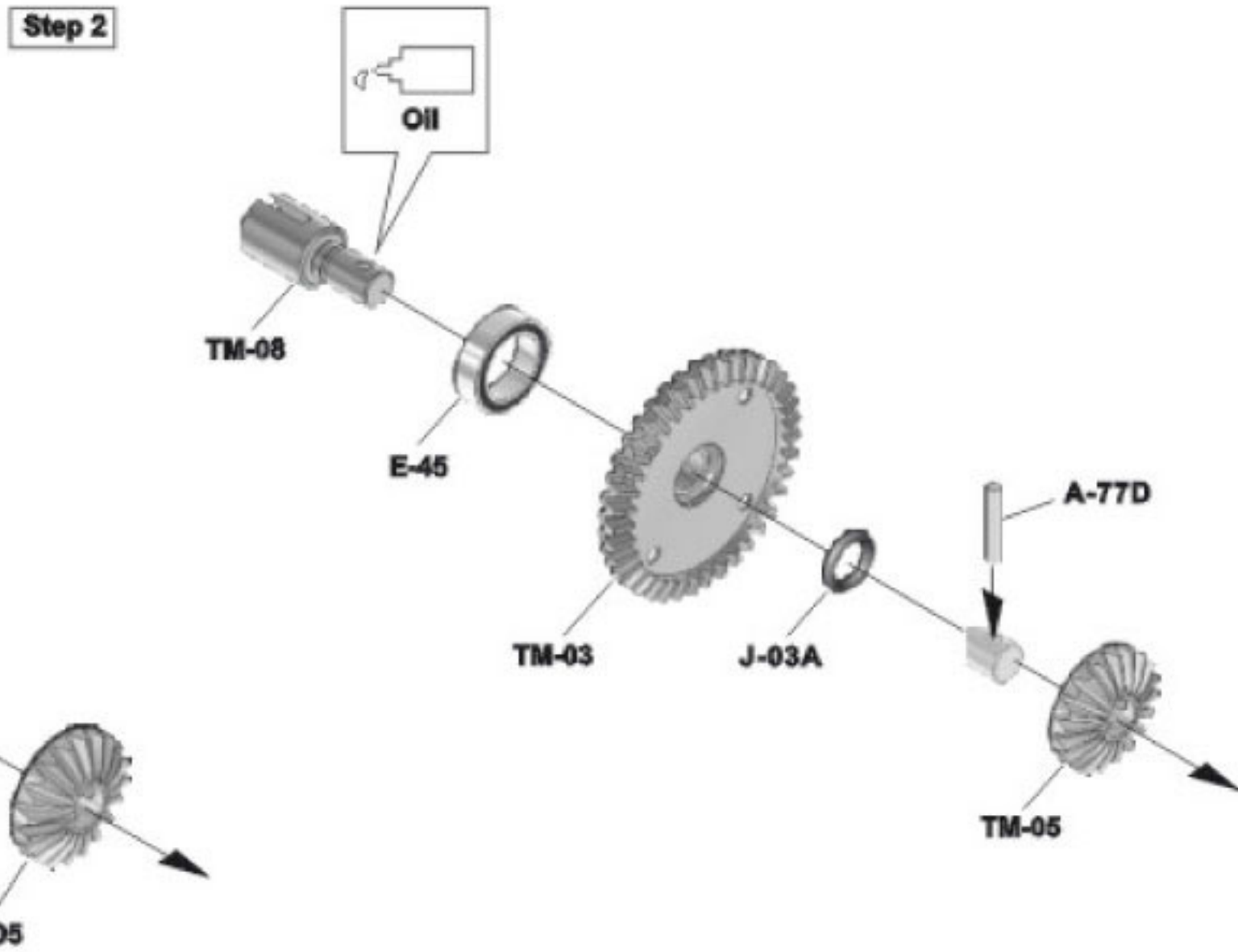
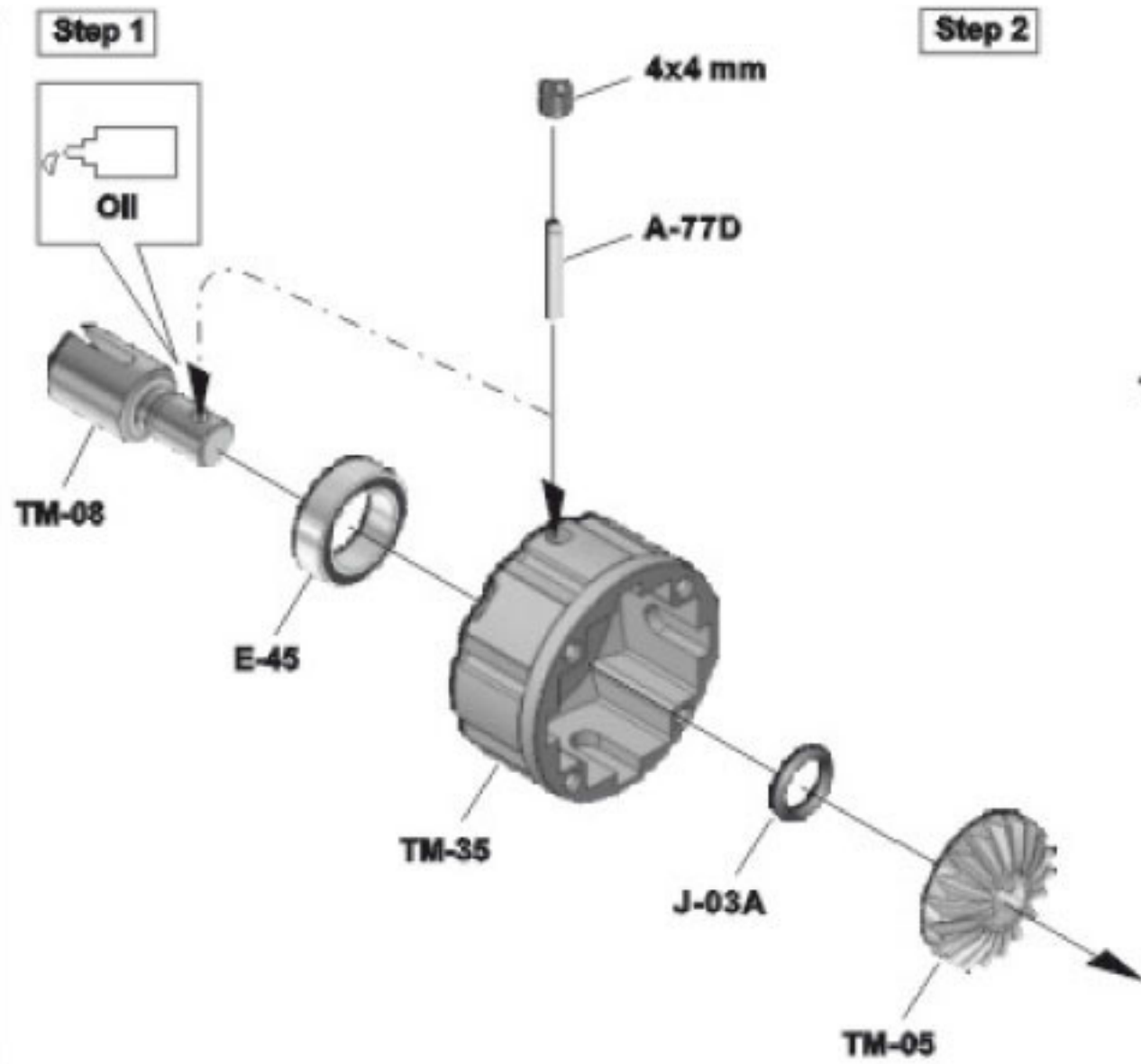
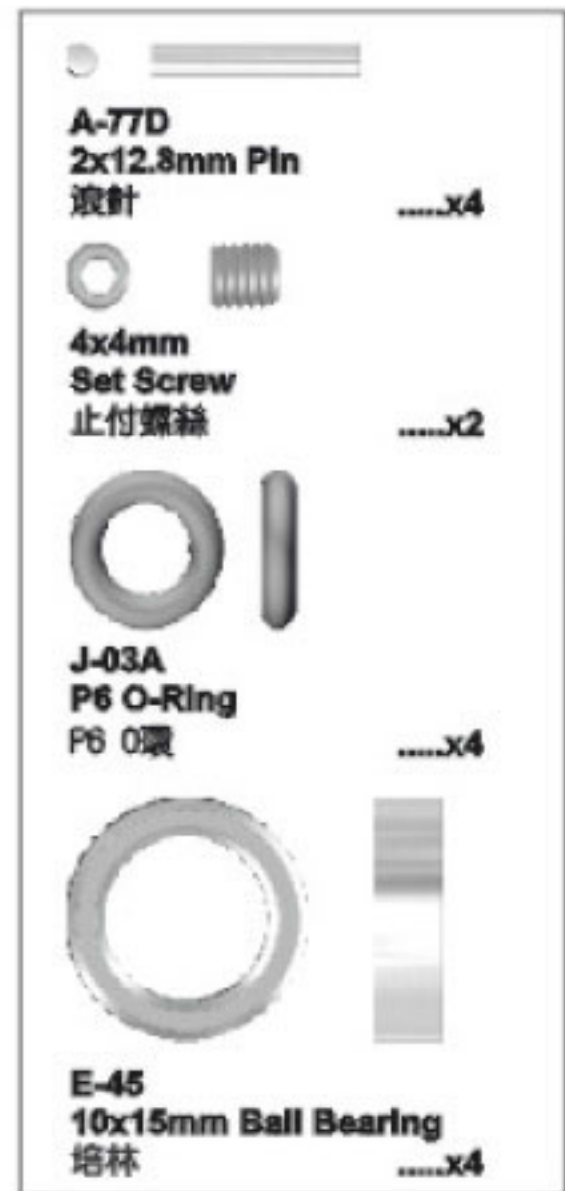
無刷馬達電子零件組裝



1 ASSEMBLY OF THE FRONT AND REAR DIFF.

前後差速齒輪組合

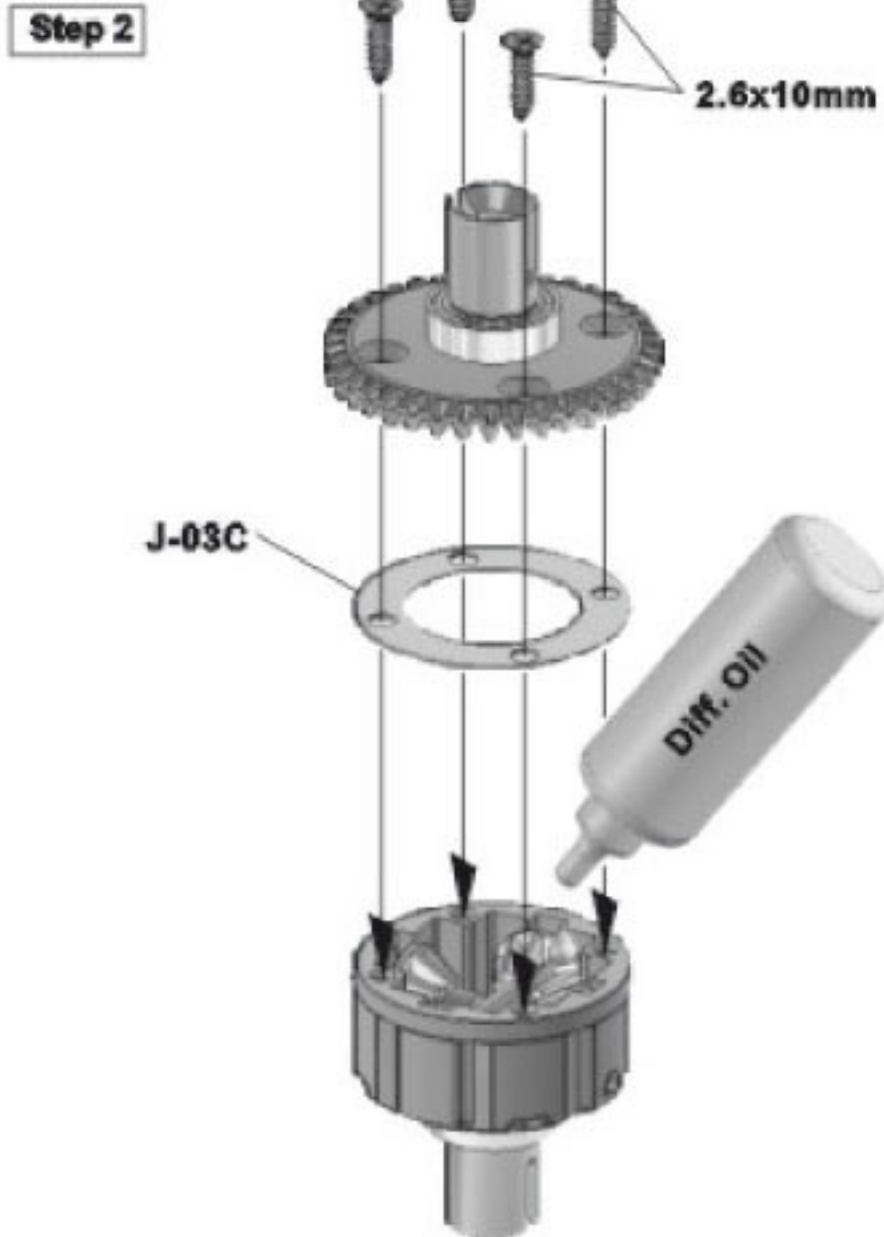
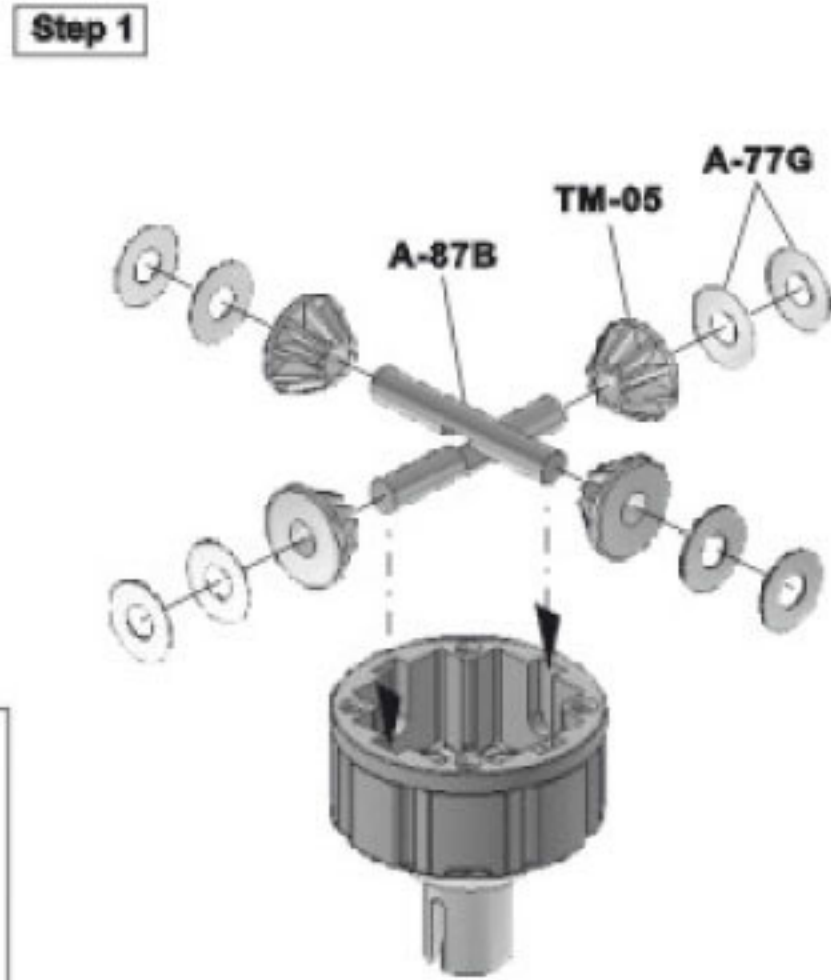
*Build two differentials for front and rear.
*請組合兩個差速器為前後使用。



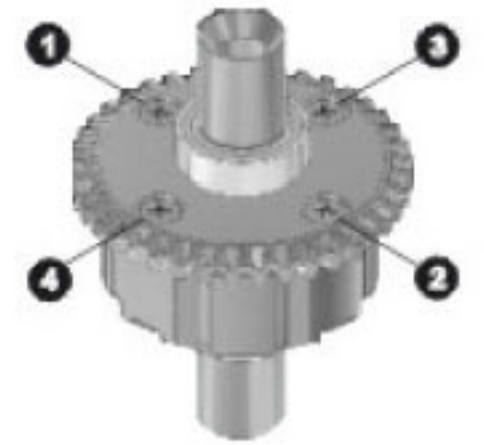
2 ASSEMBLY OF THE FRONT AND REAR DIFF.

前後差速齒輪組合

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



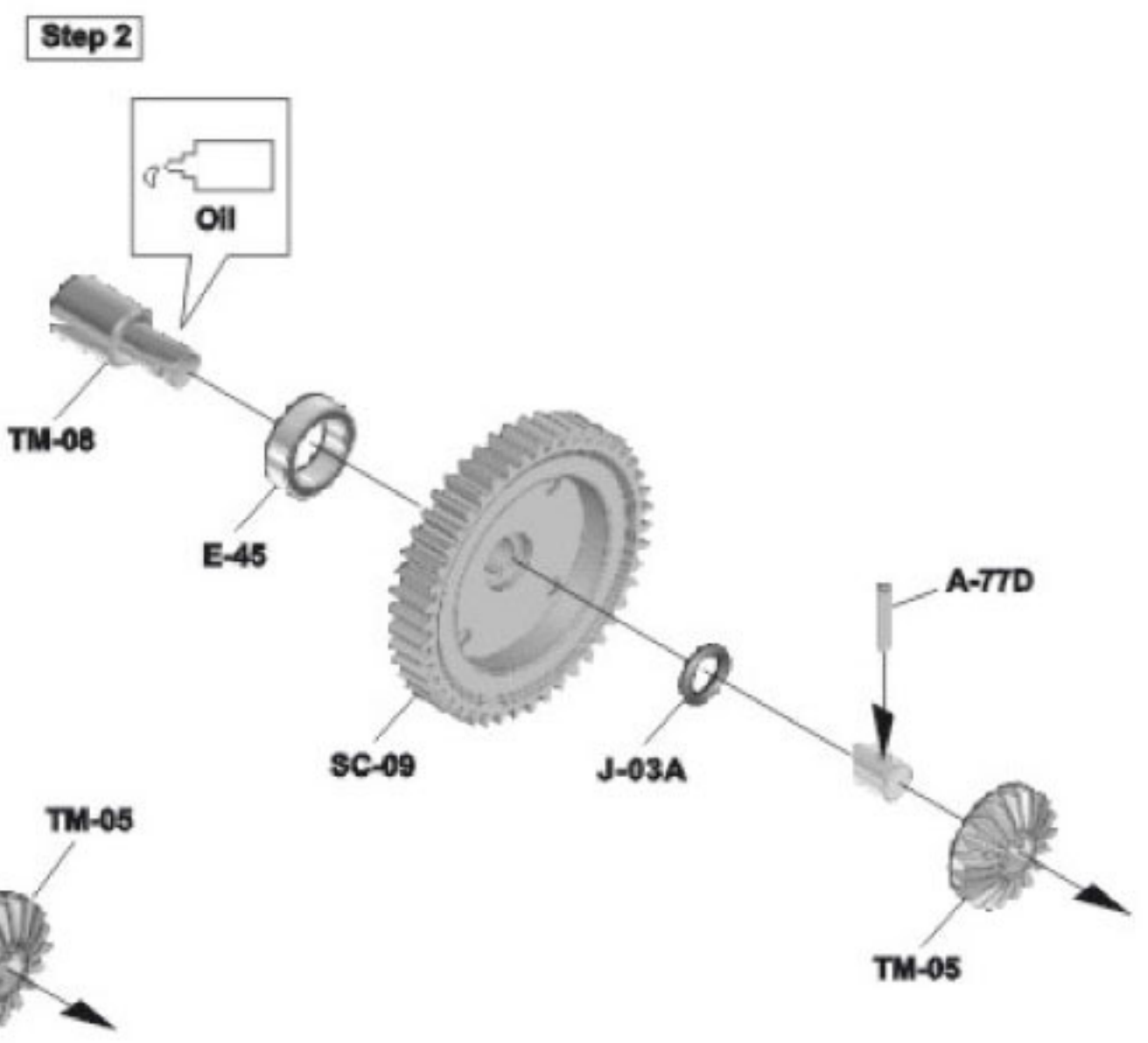
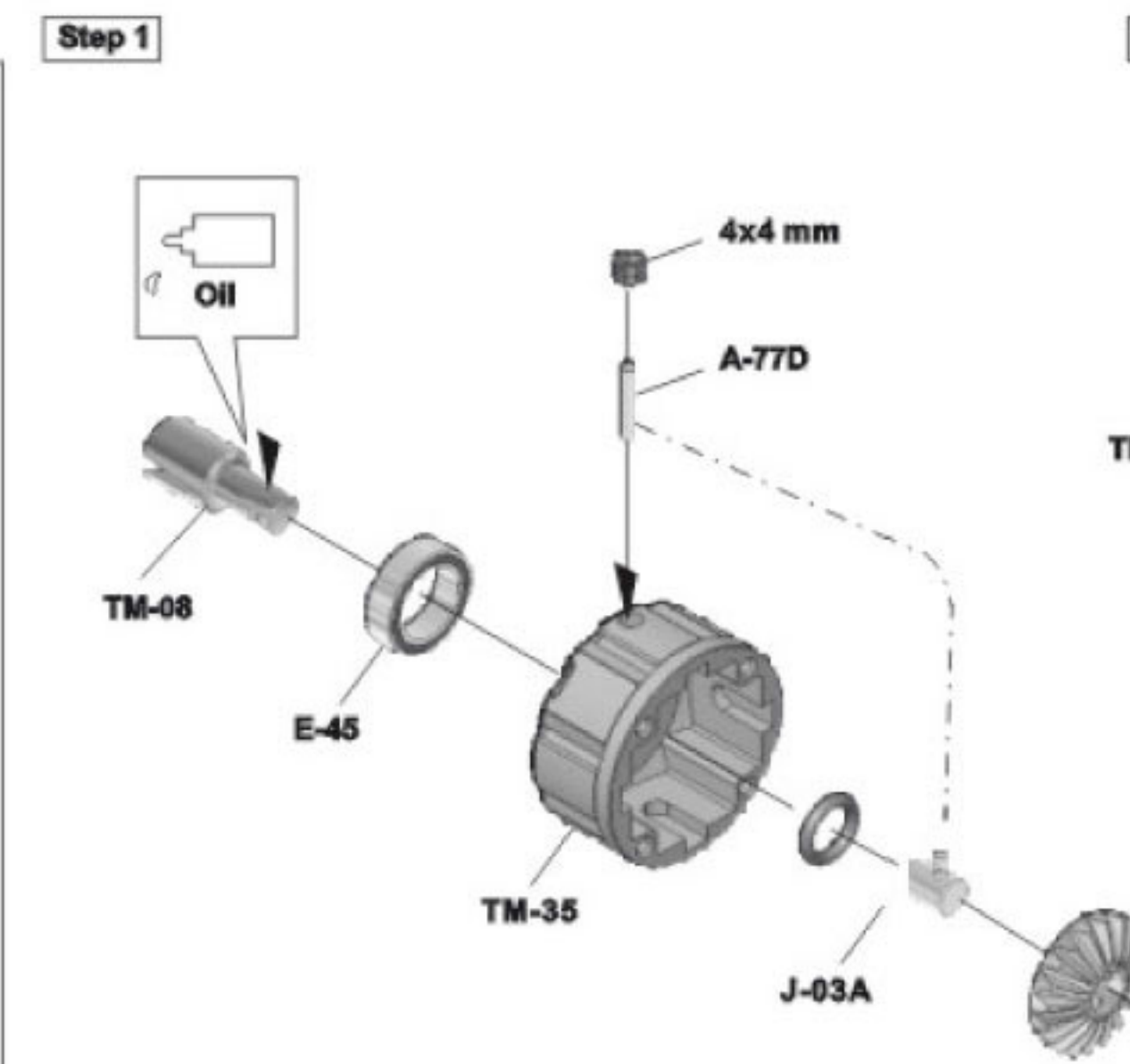
Tighten the diff. screws in this order.
請依圖示順序上緊螺絲。



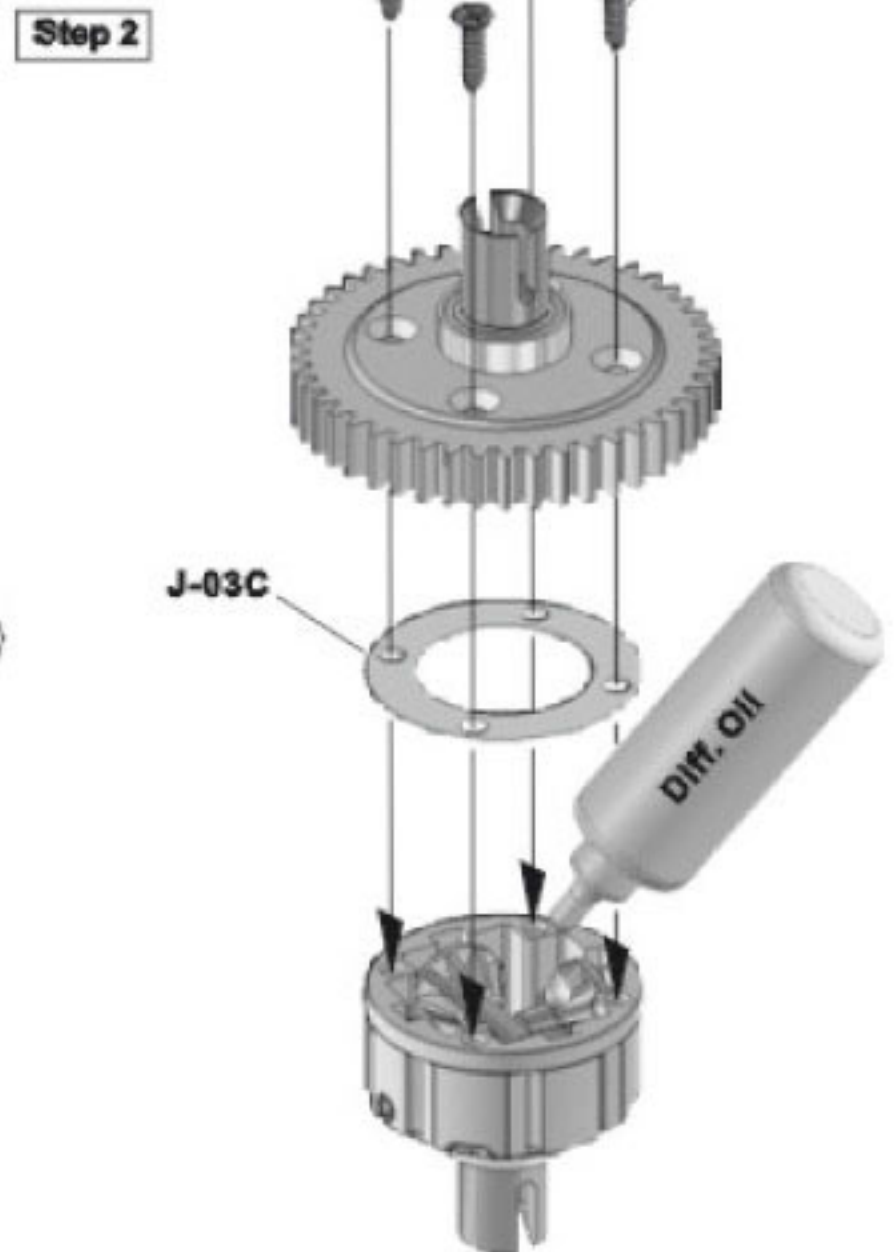
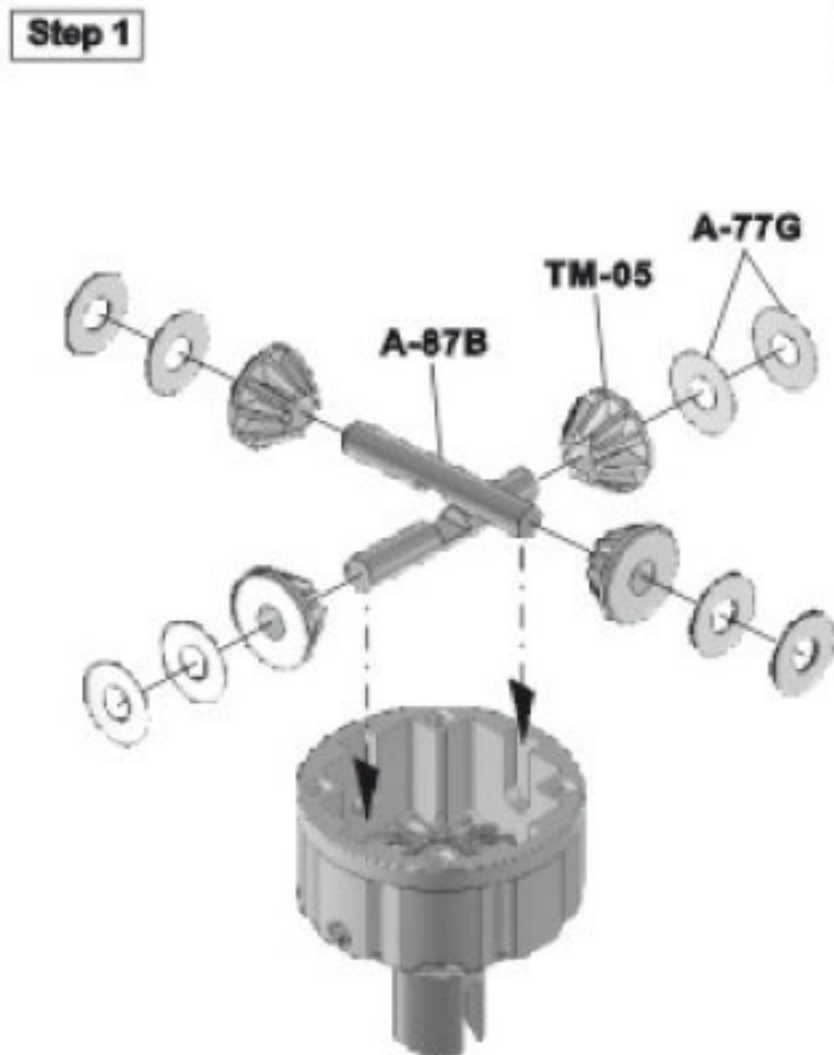
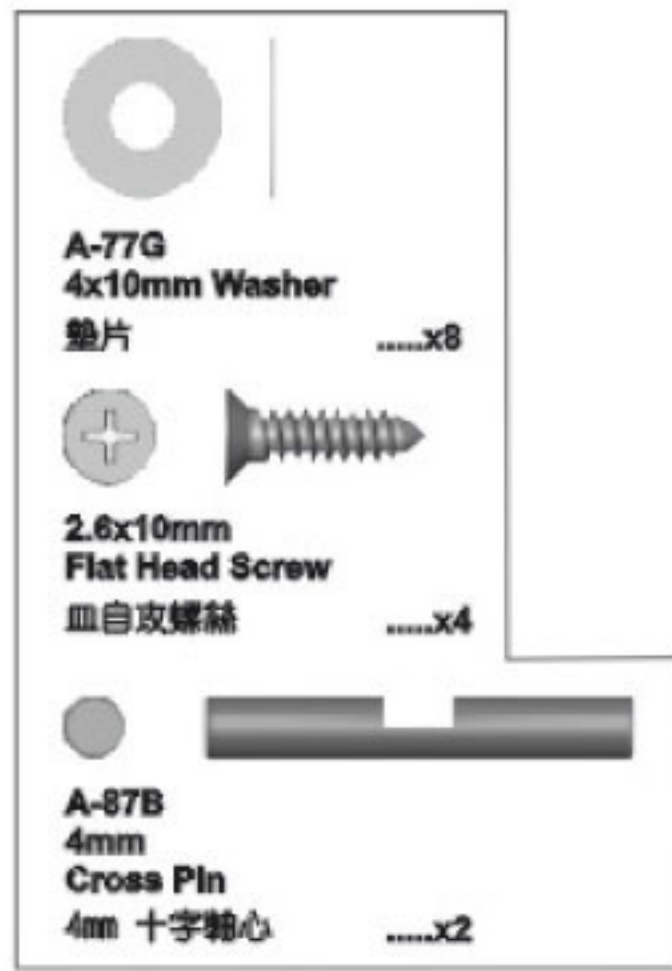
*Put the Diff. Oil #3000 for front and #1000 for rear.
*Fill the Diff. case to approx. 80% full with the Diff. Oil.
*前差速器請使用#3000差速油，後差速器請使用#1000差速油。
*差速油注滿80%即可。

3 ASSEMBLY OF THE CENTER DIFF.

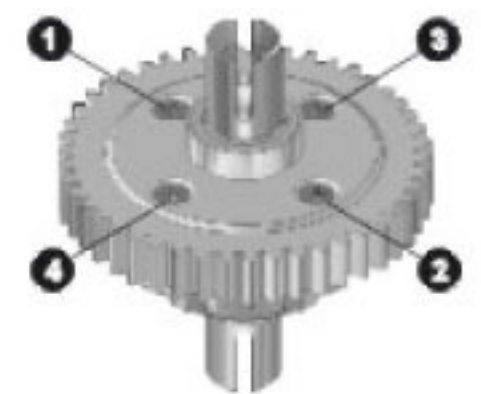
中央差速齒輪組合



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

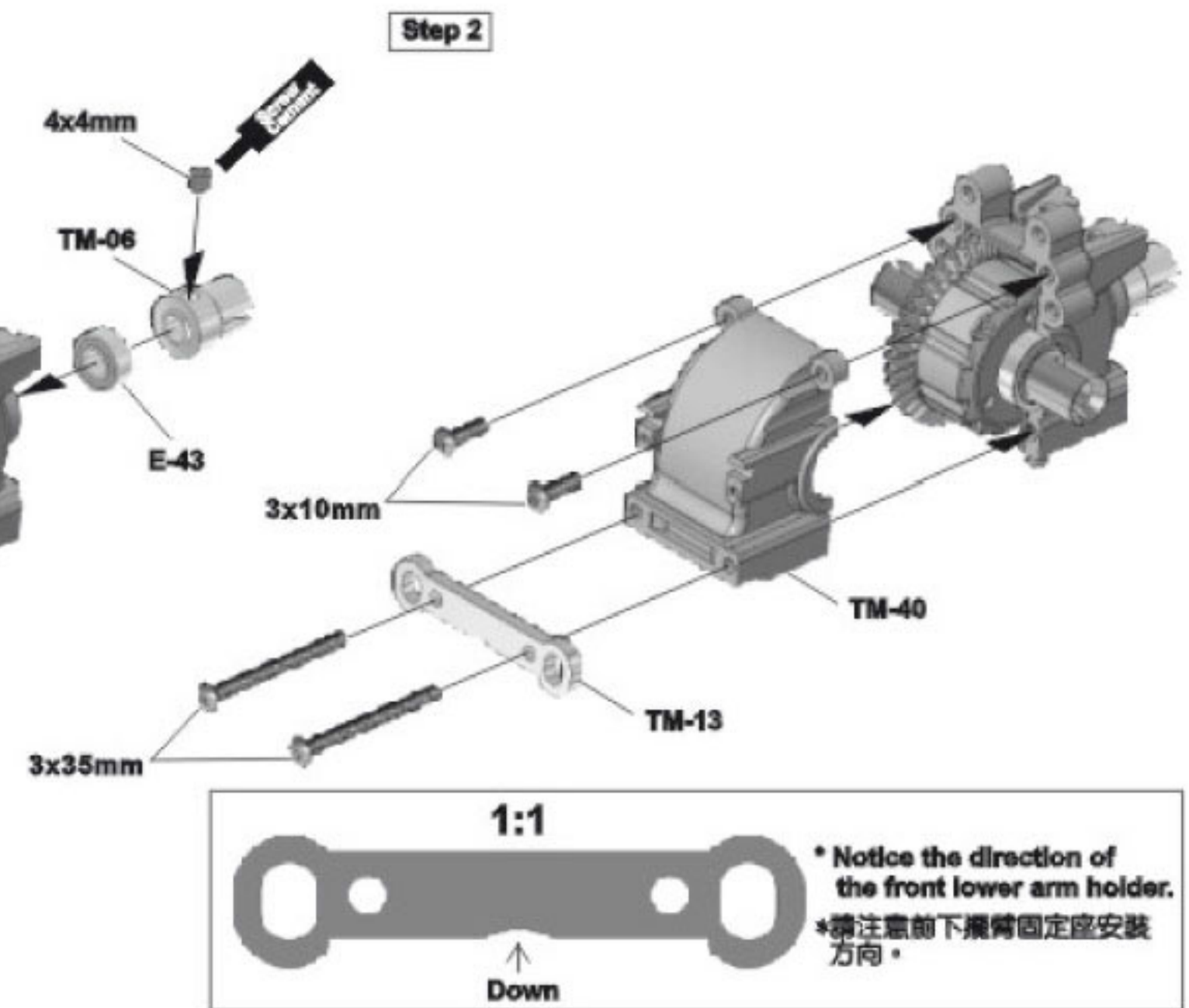
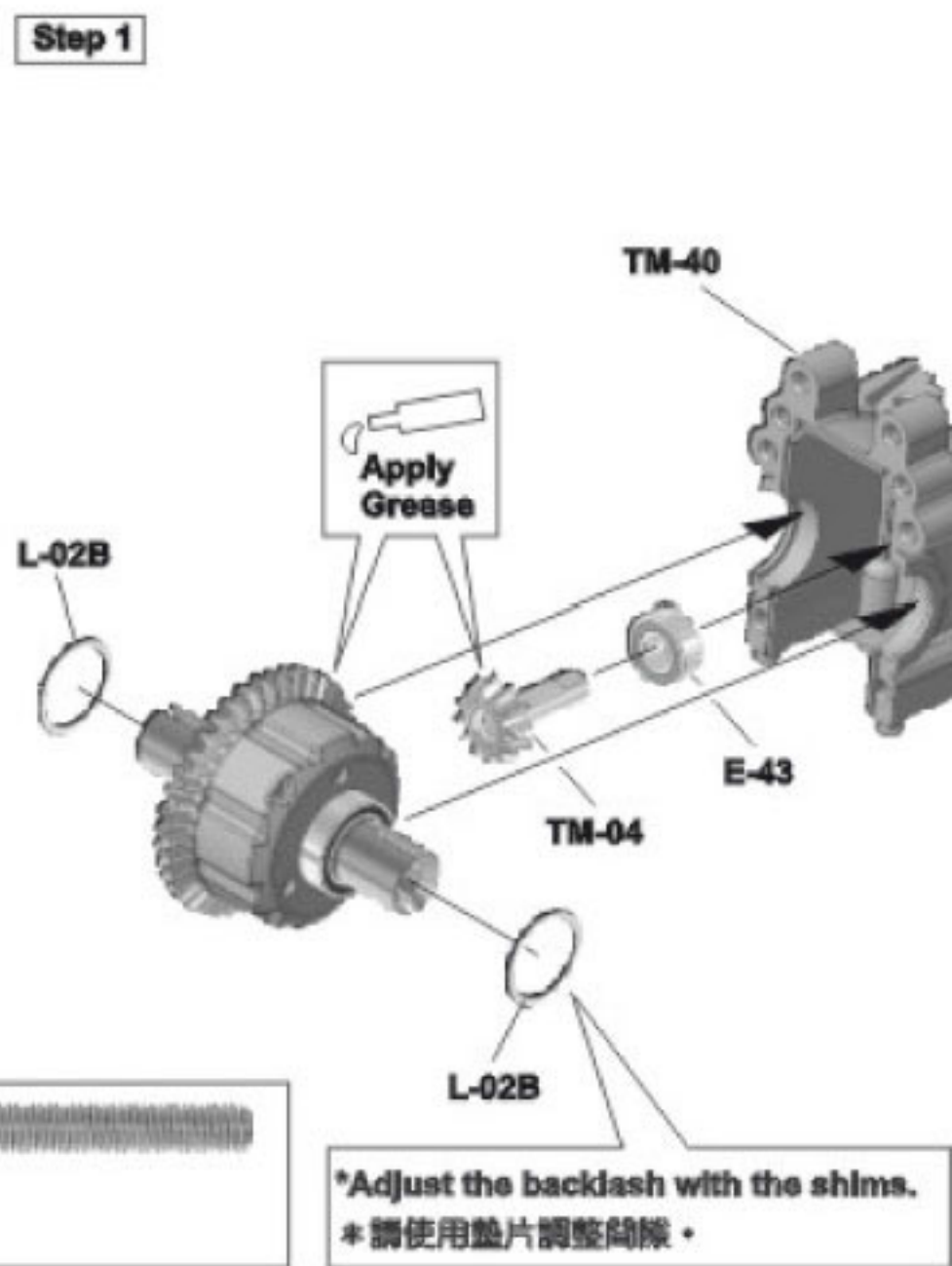


Tighten the diff screws in this order.
請依圖示順序上緊螺絲。

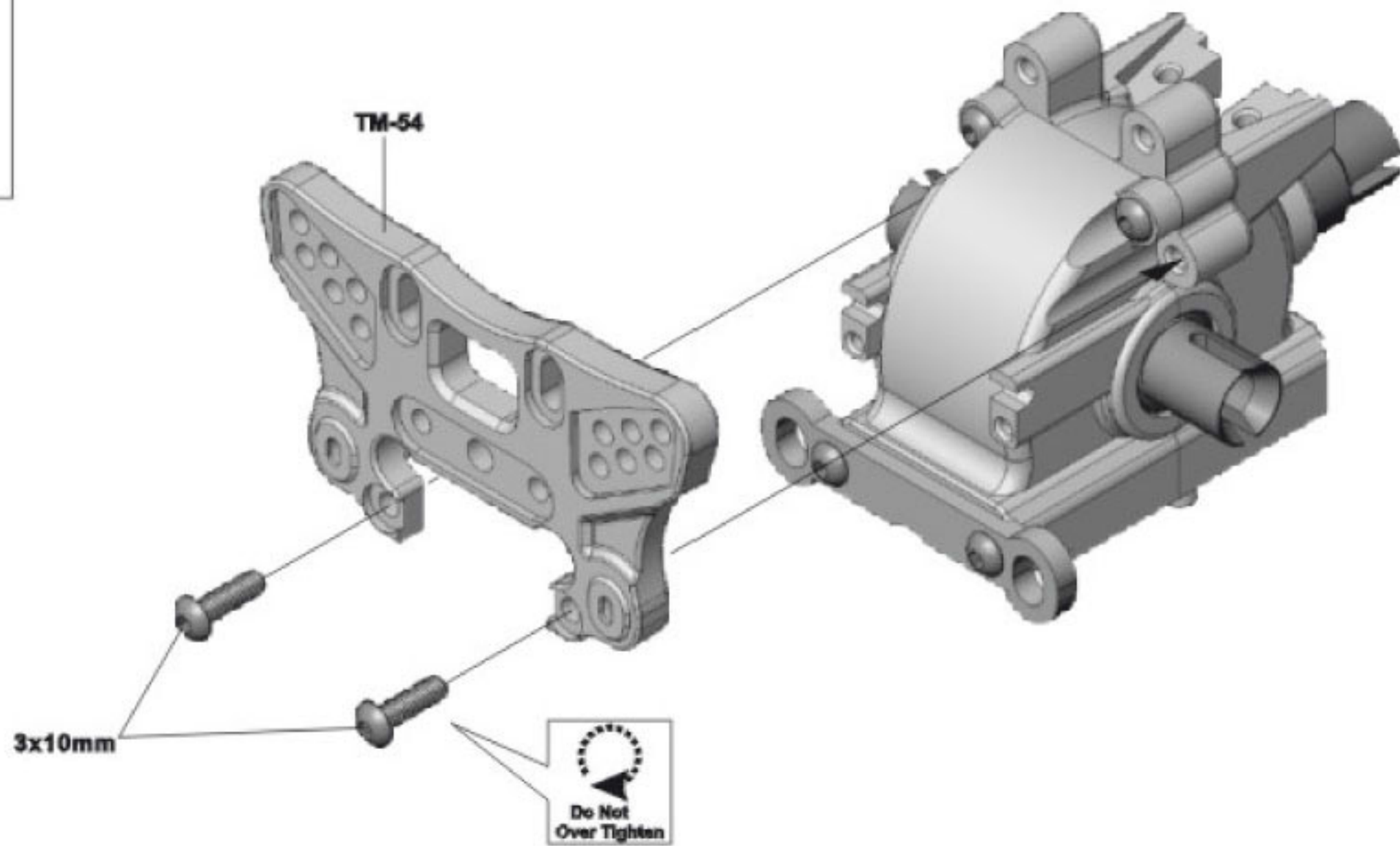


*Put the Diff. Oil #5000 for the center.
*Fill the Diff. Case to approx. 80% Full with the Diff.Oil.
*中差速器請使用#5000差速油，注滿80%即可。

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



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

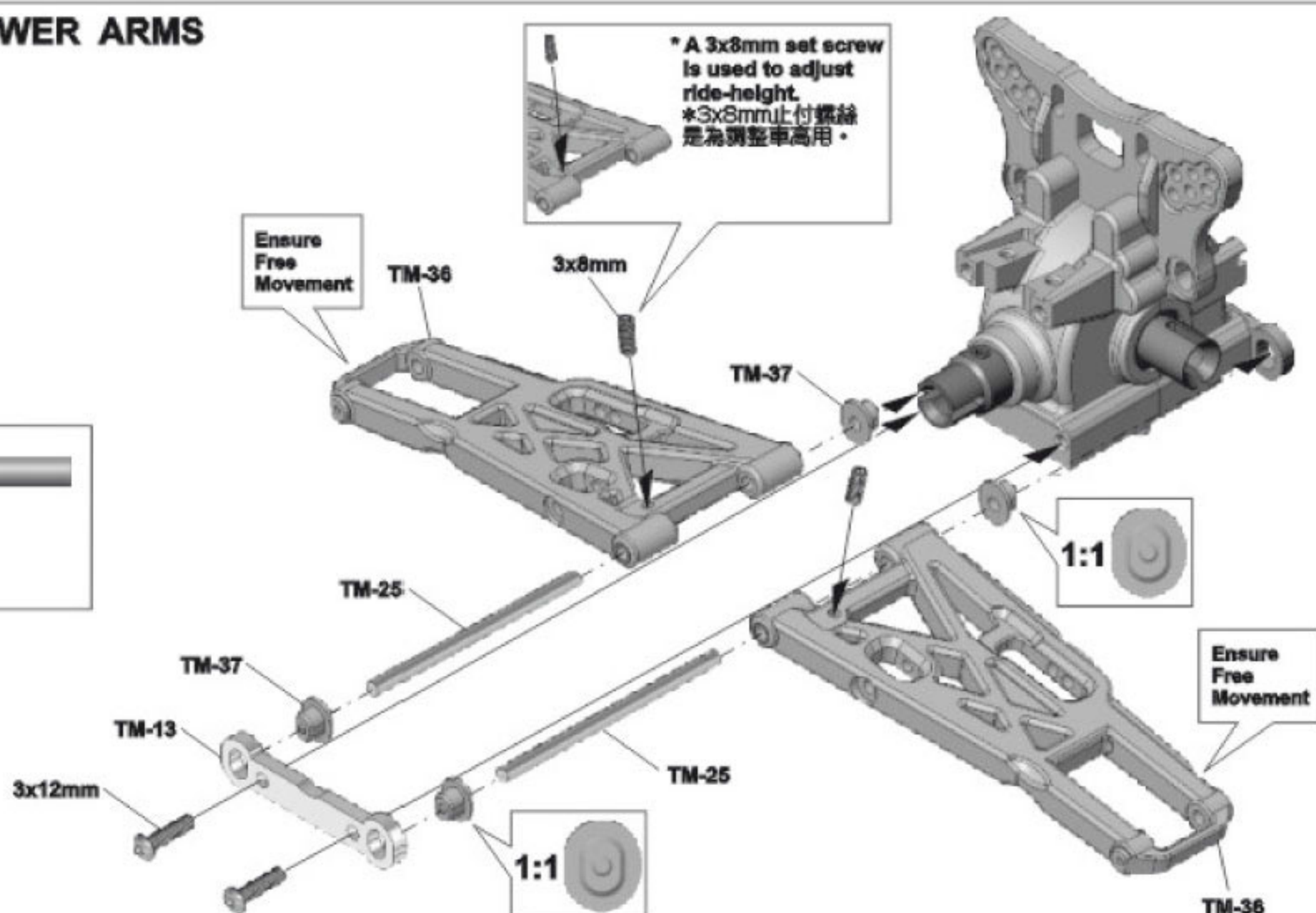
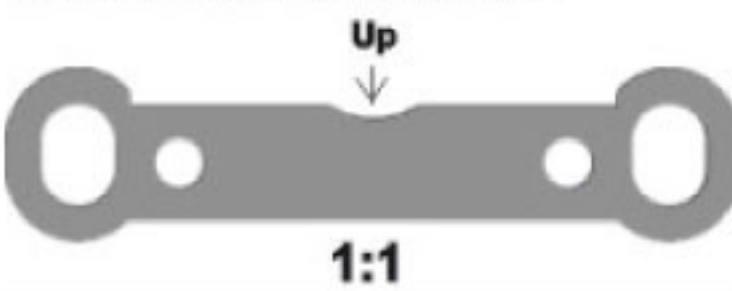


7 ASSEMBLY OF THE FRONT LOWER ARMS

前下擺臂組合



* Notice the direction of the front lower arm holder in rear.
*請注意前下擺臂固定座安裝方向。

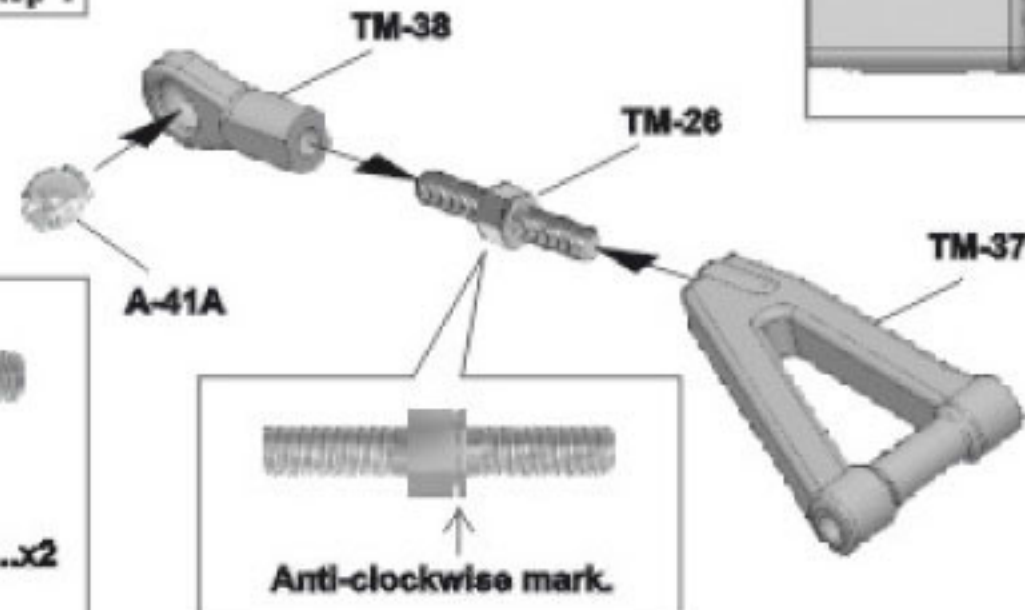


8 ASSEMBLY OF THE FRONT UPPER ARMS

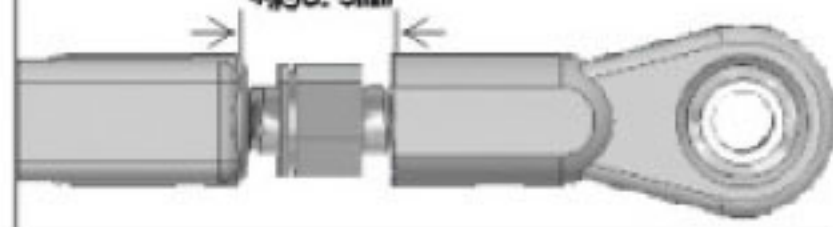
前上擺臂組合



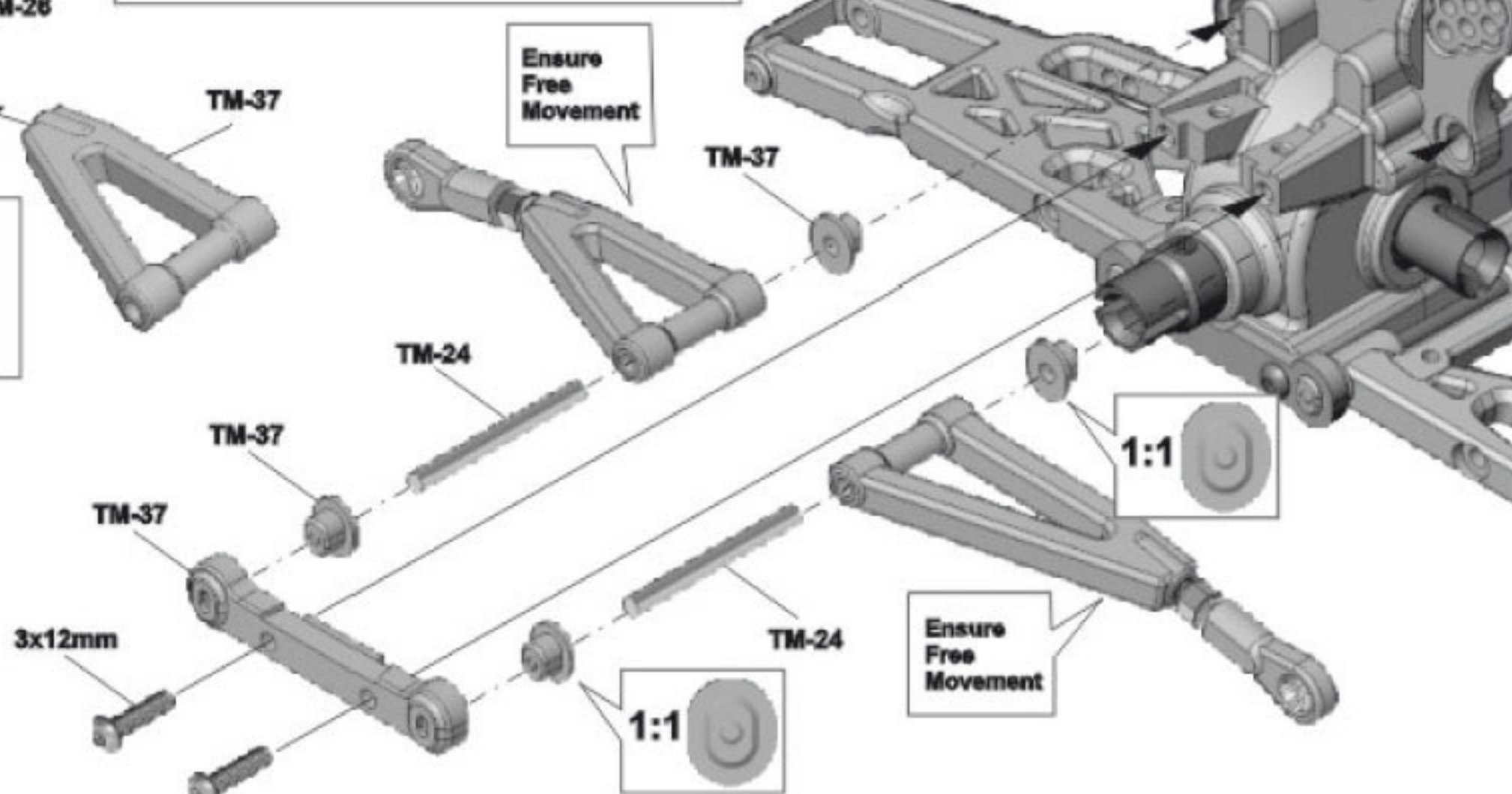
Step 1



1:1
*Approx. 8.5mm
*約8.5mm



Step 2

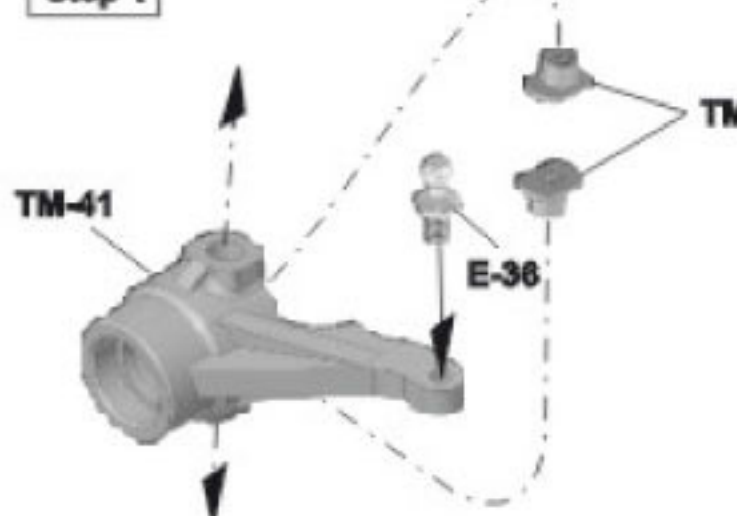


9 ASSEMBLY OF THE KNUCKLE ARMS

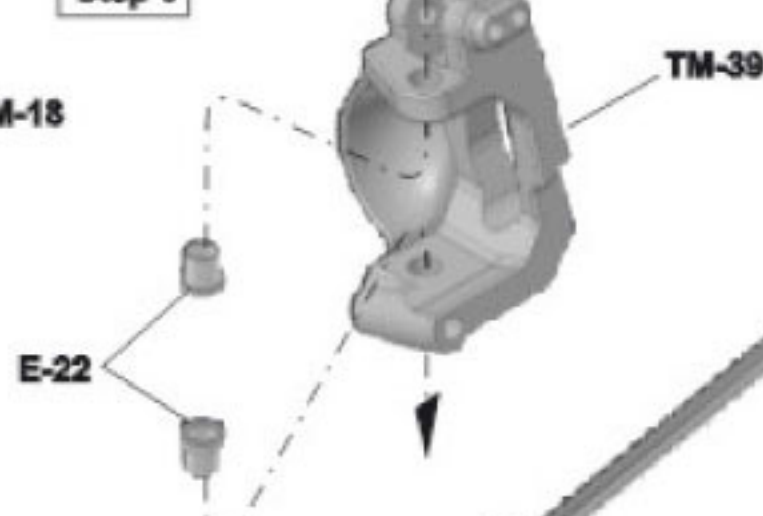
轉向座組合



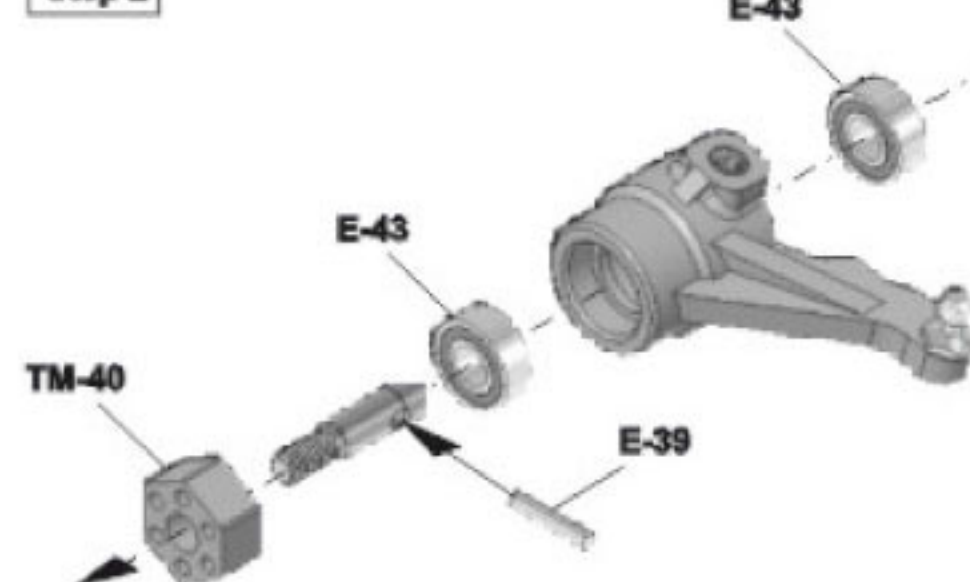
Step 1



Step 3

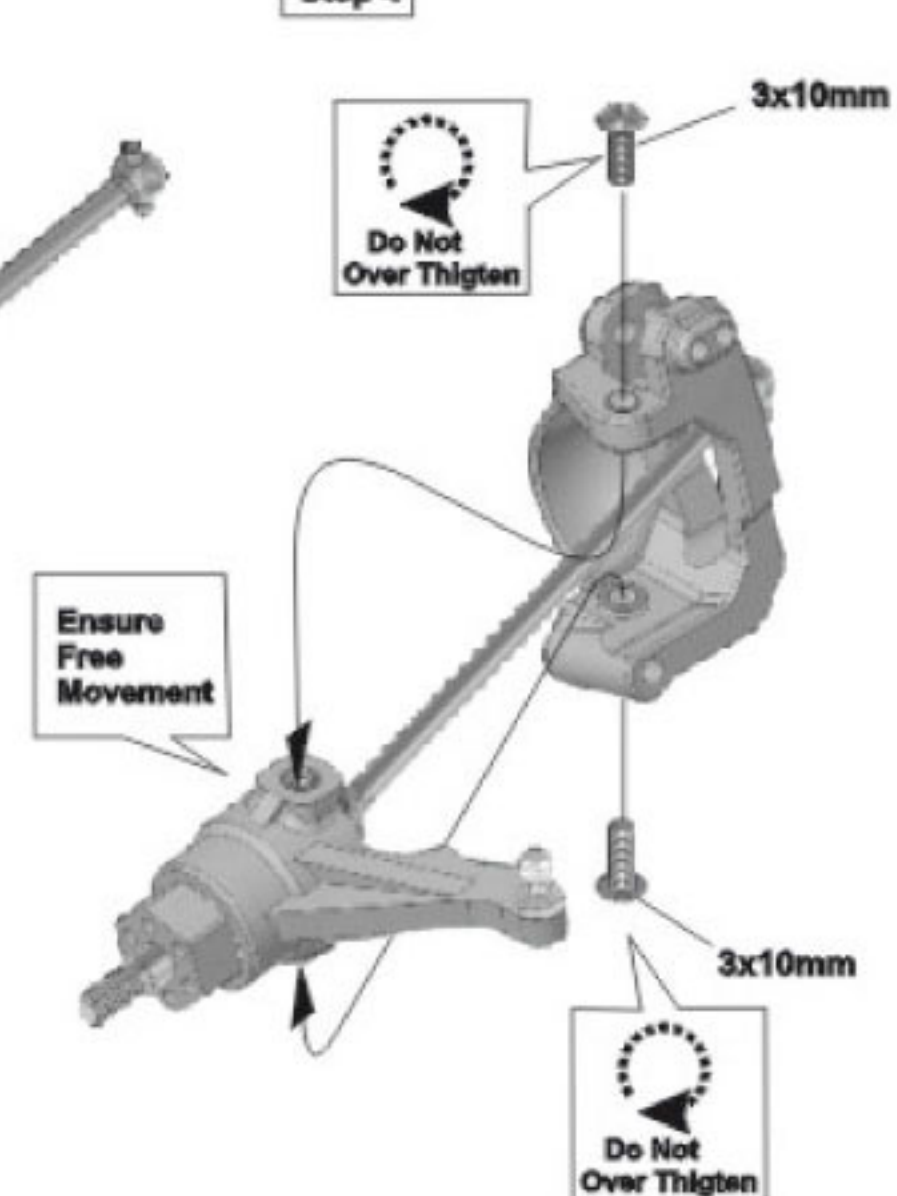


Step 2



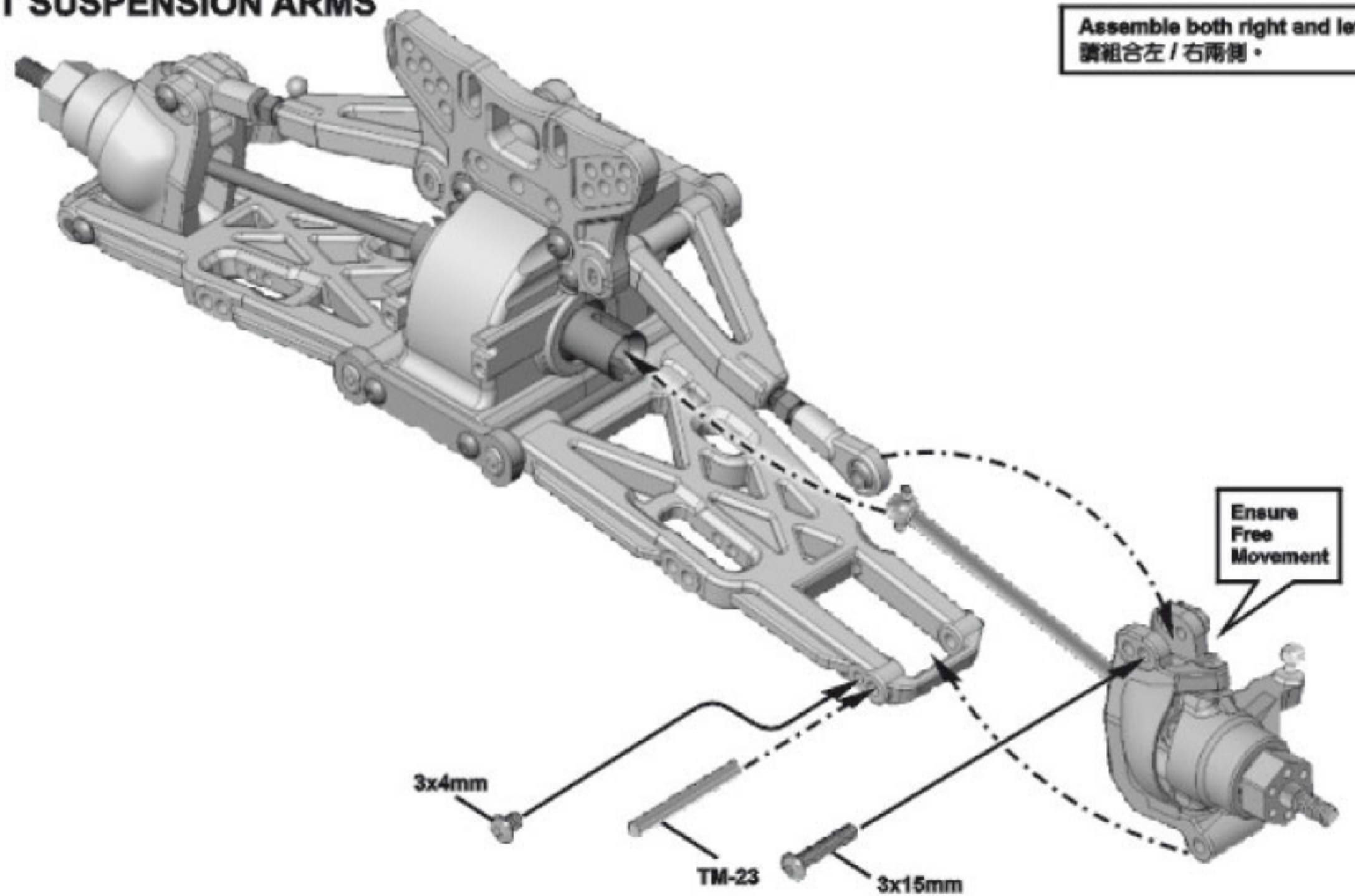
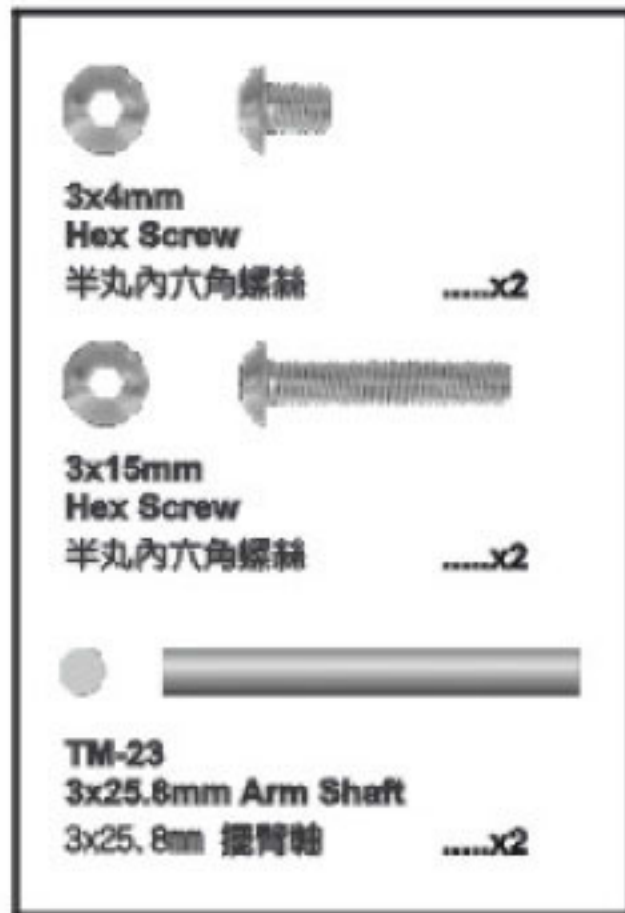
Assemble both right and left sides.
請組合左/右兩側。

Step 4



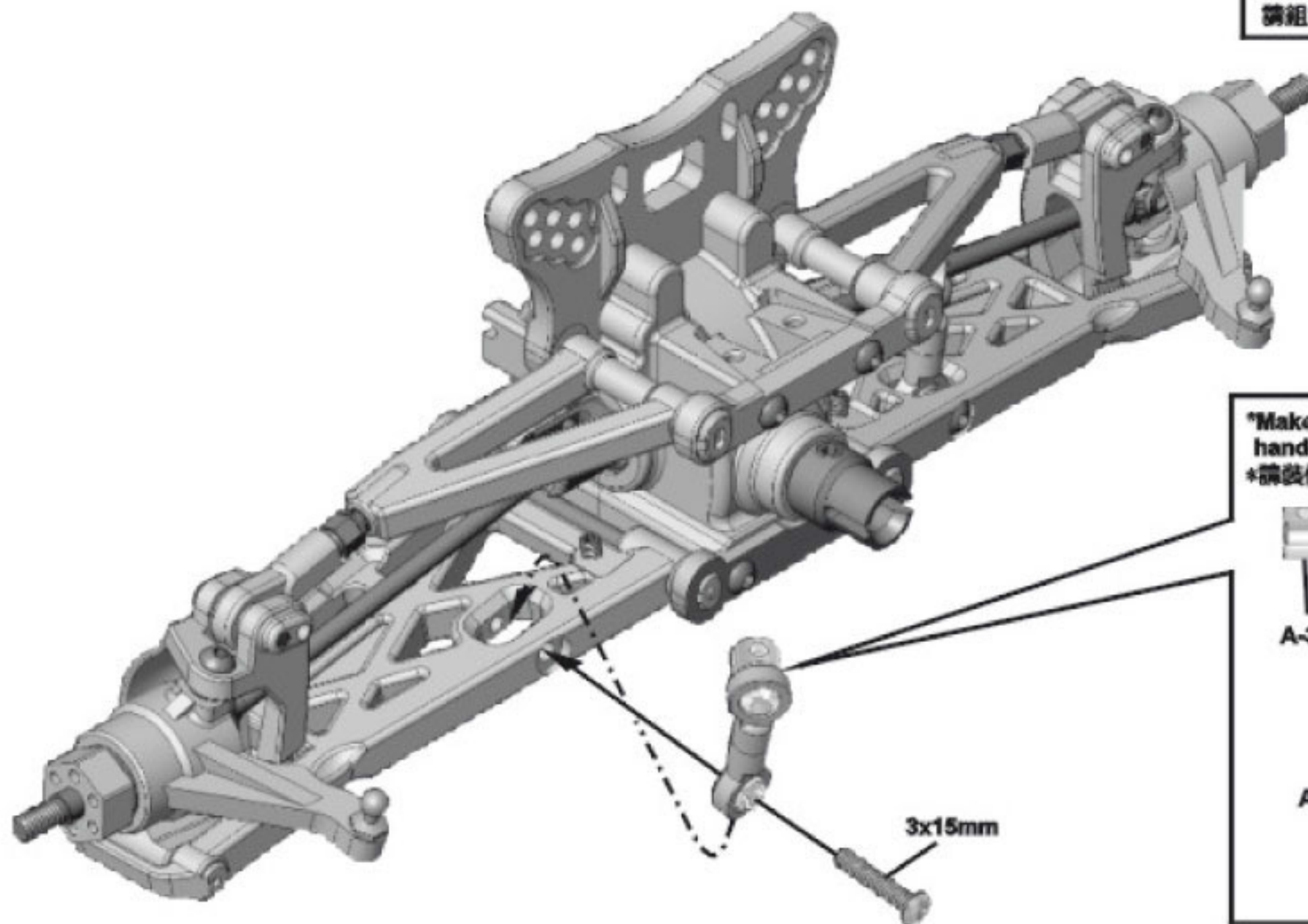
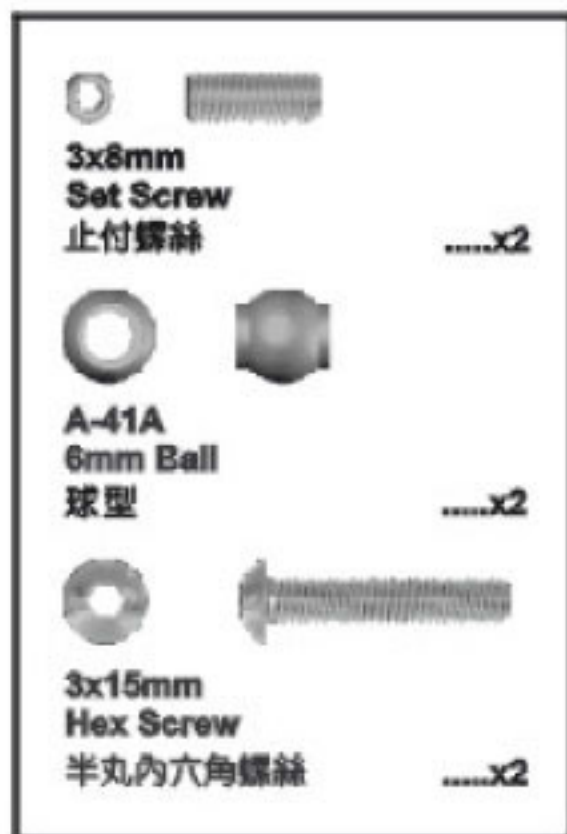
10 ASSEMBLY OF THE FRONT SUSPENSION ARMS 前懸吊系統組合

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

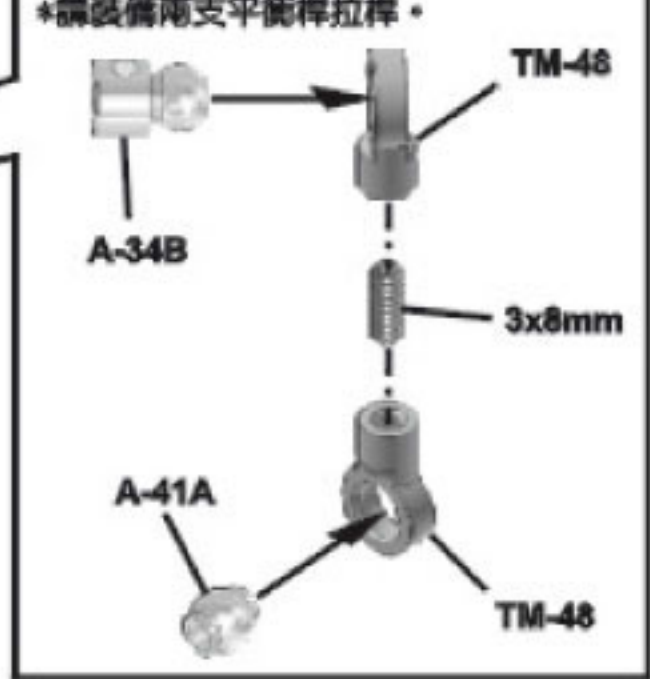


11 ASSEMBLY OF THE FRONT STABILIZER 前平衡桿組合

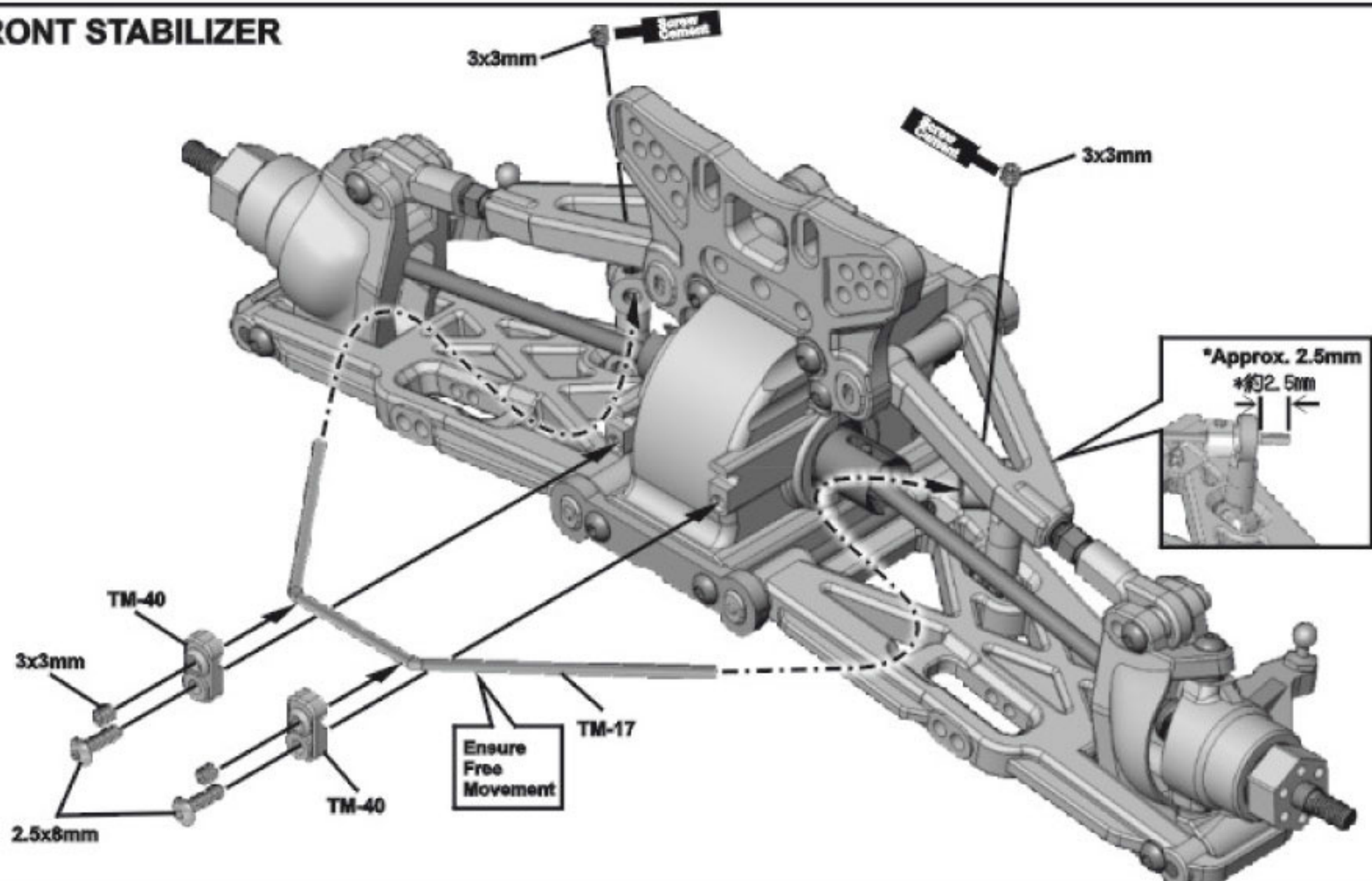
Assemble both right and left sides.
請組合左/右兩側。



*Makes two rods for left and right hand-side.
*請做兩支平衡桿拉桿。



12 ASSEMBLY OF THE FRONT STABILIZER 前平衡桿組合

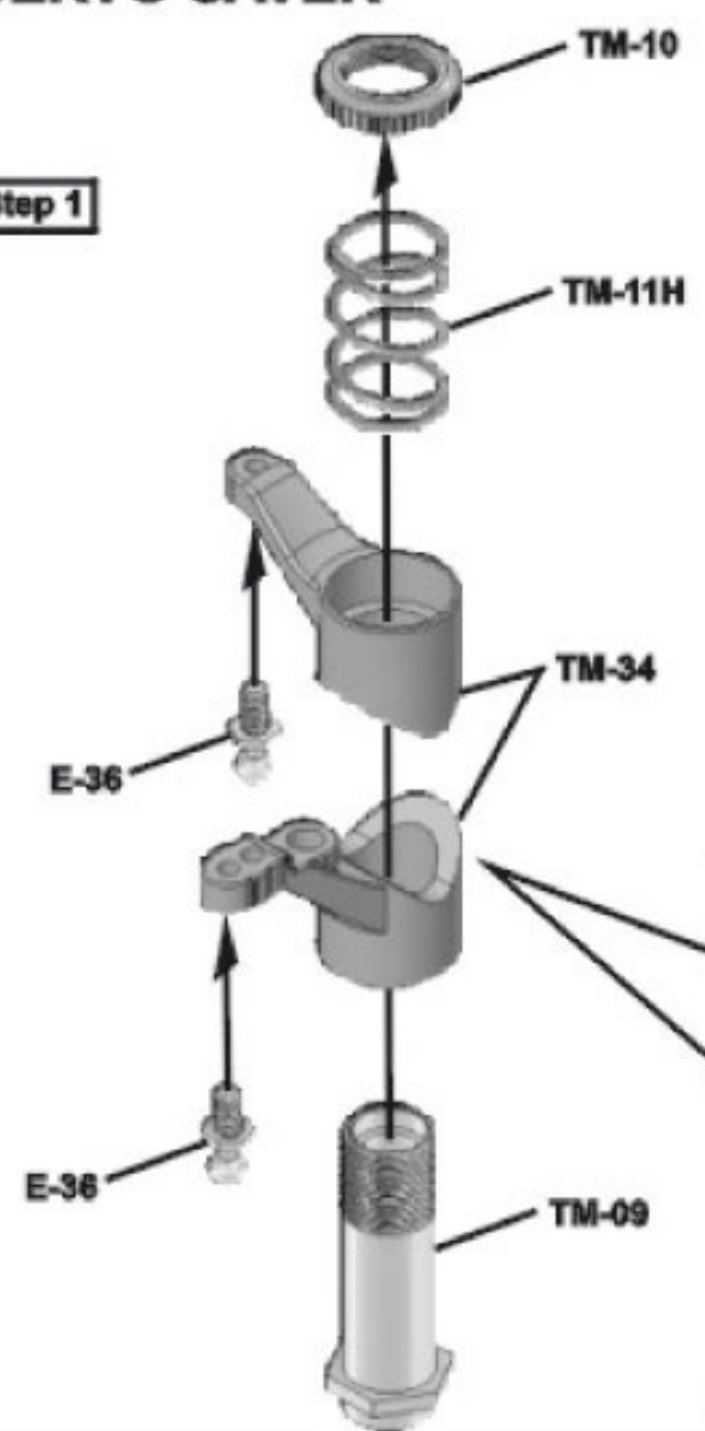


13 ASSEMBLY OF THE SERVO SAVER

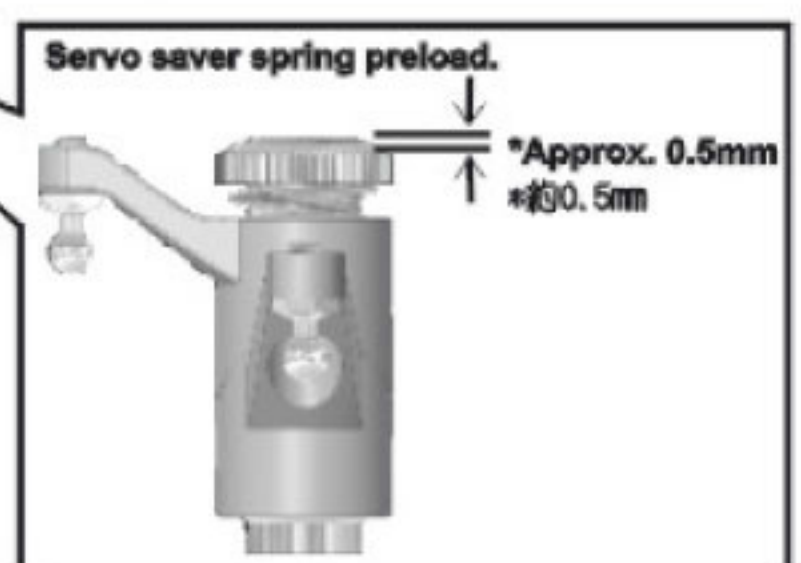
緩衝組組合



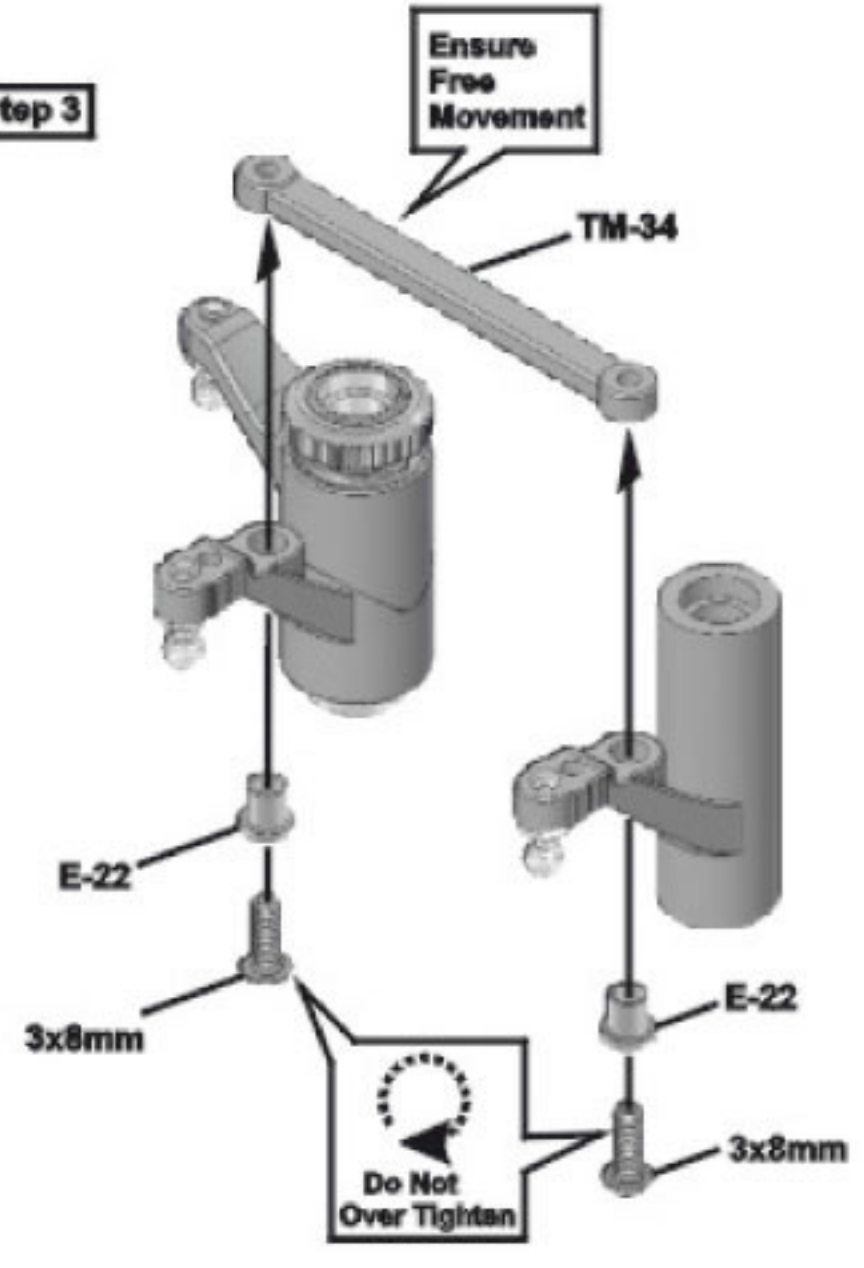
Step 1



Step 2



Step 3

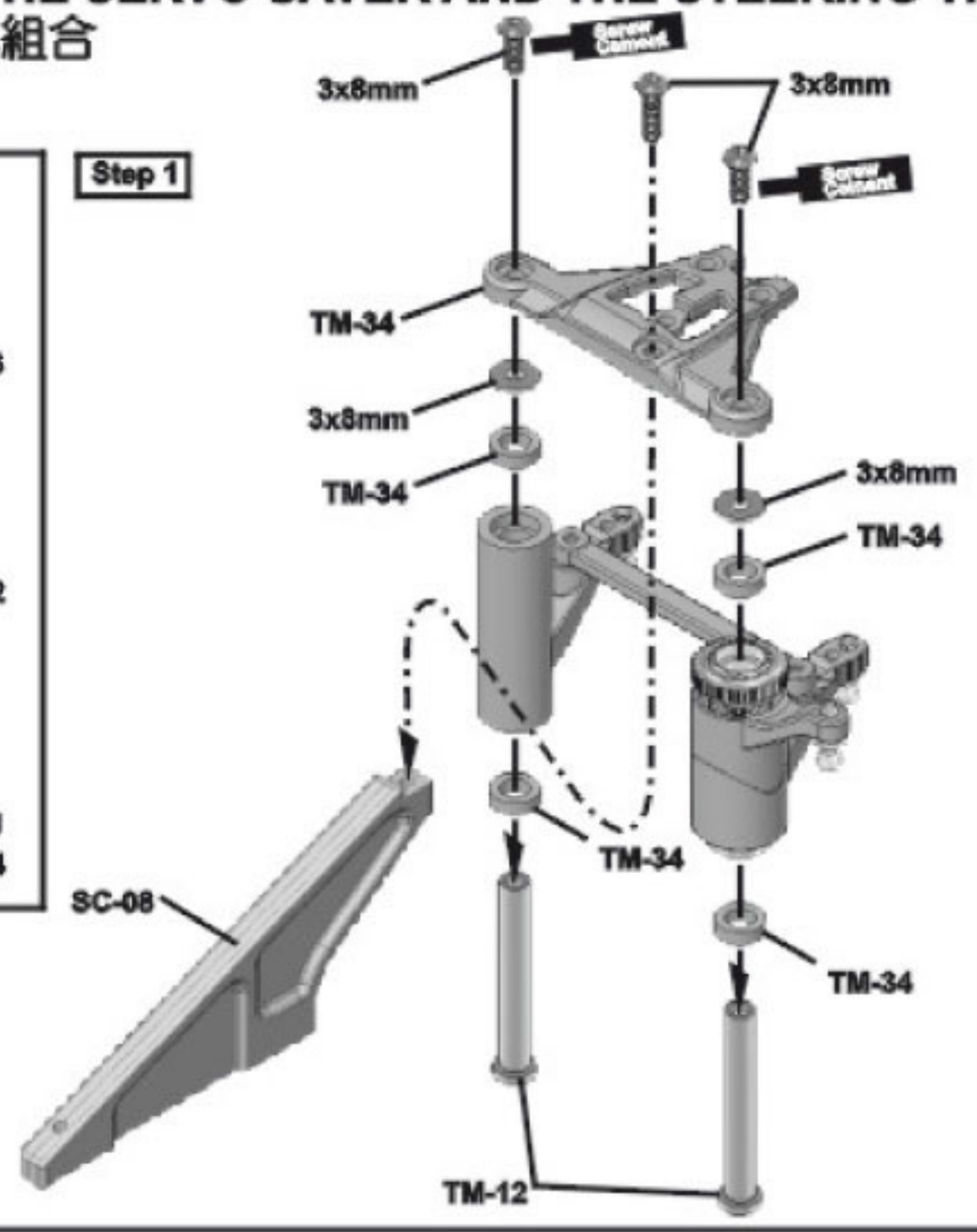


14 ASSEMBLY OF THE SERVO SAVER AND THE STEERING TIE-ROD

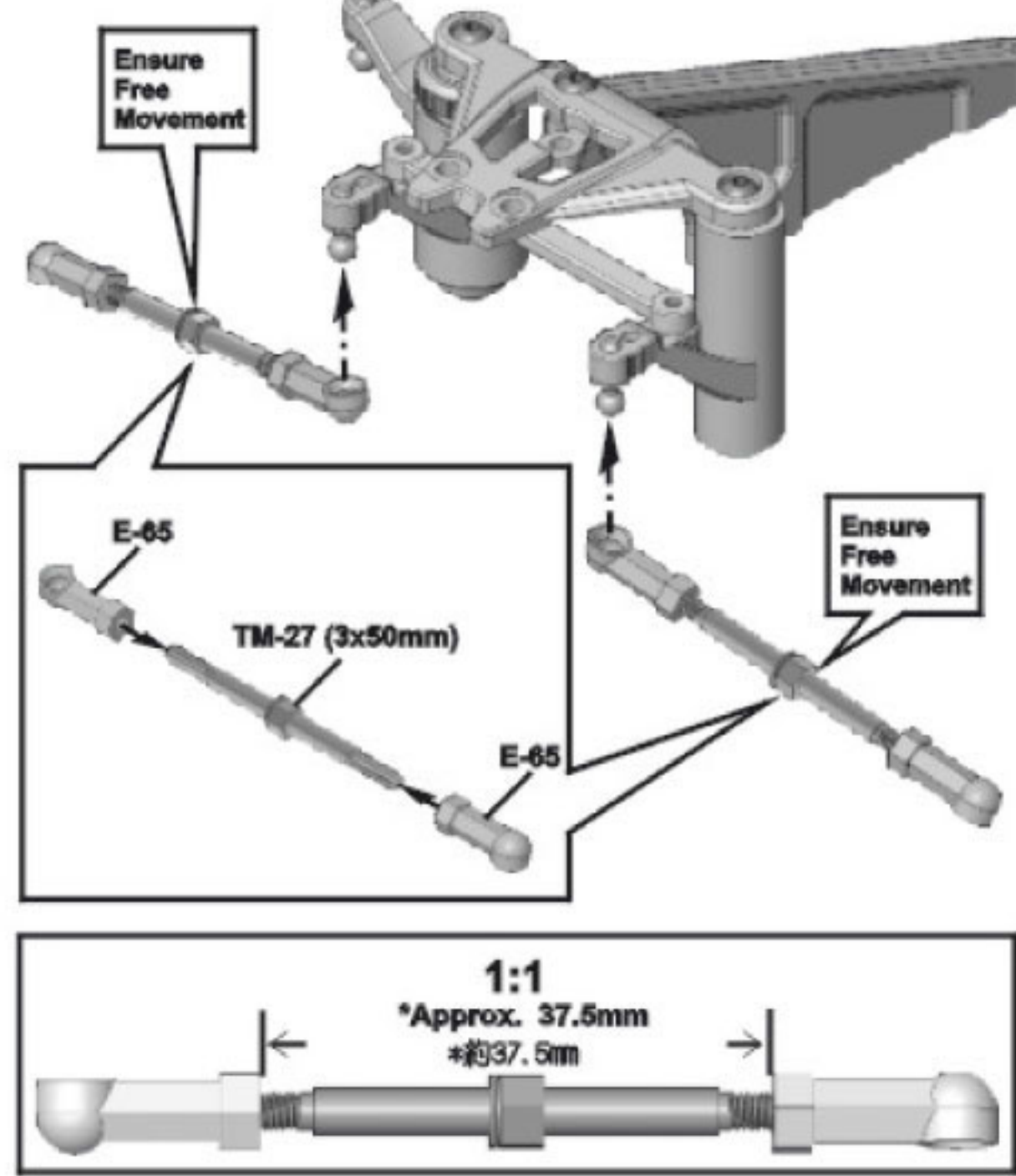
緩衝組及轉向拉桿組合



Step 1



Step 2

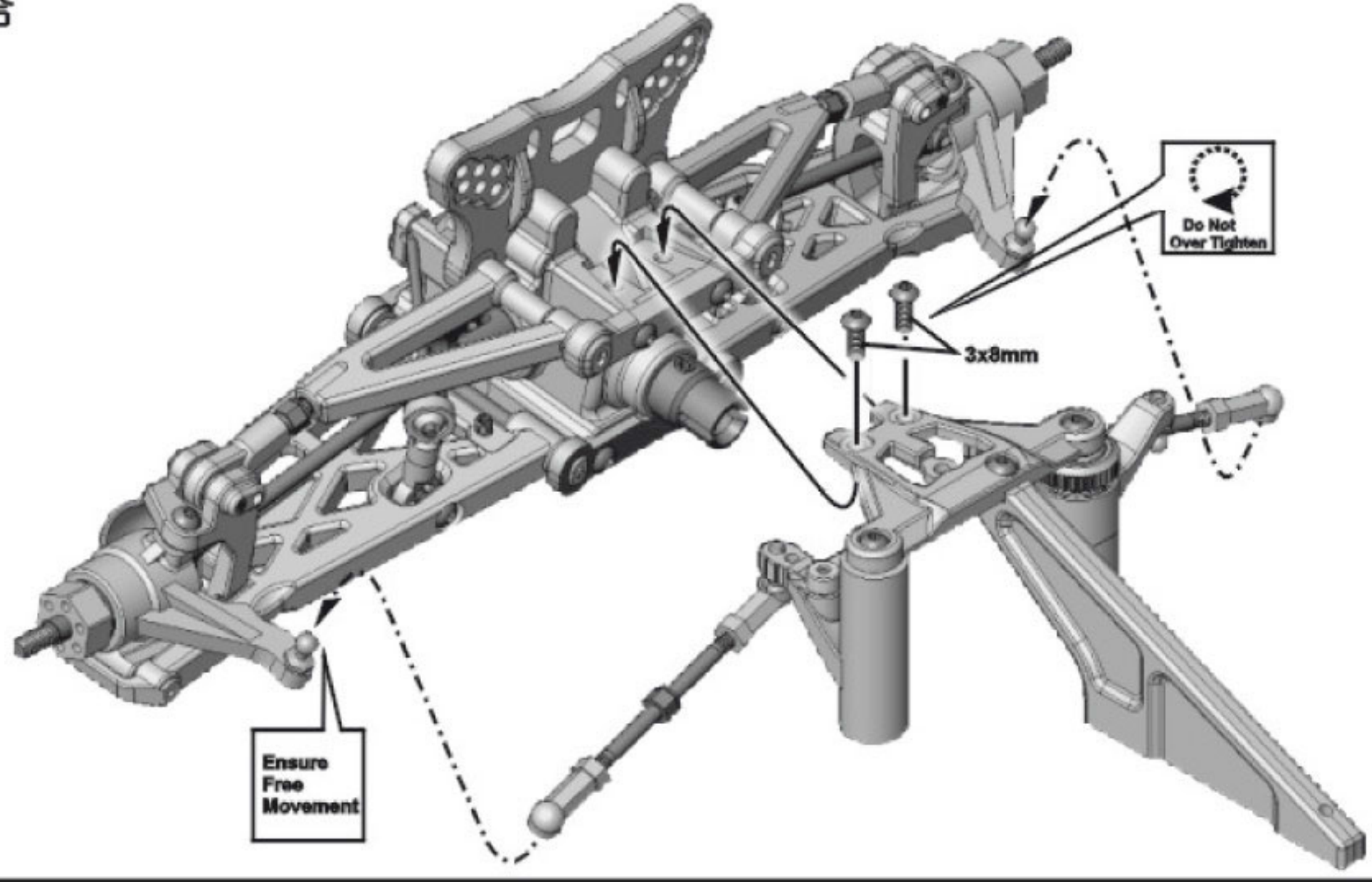


15 ASSEMBLY OF THE SERVO SAVER ONTO THE FRONT GEAR BOX

緩衝組與前齒輪箱組合



Step 1

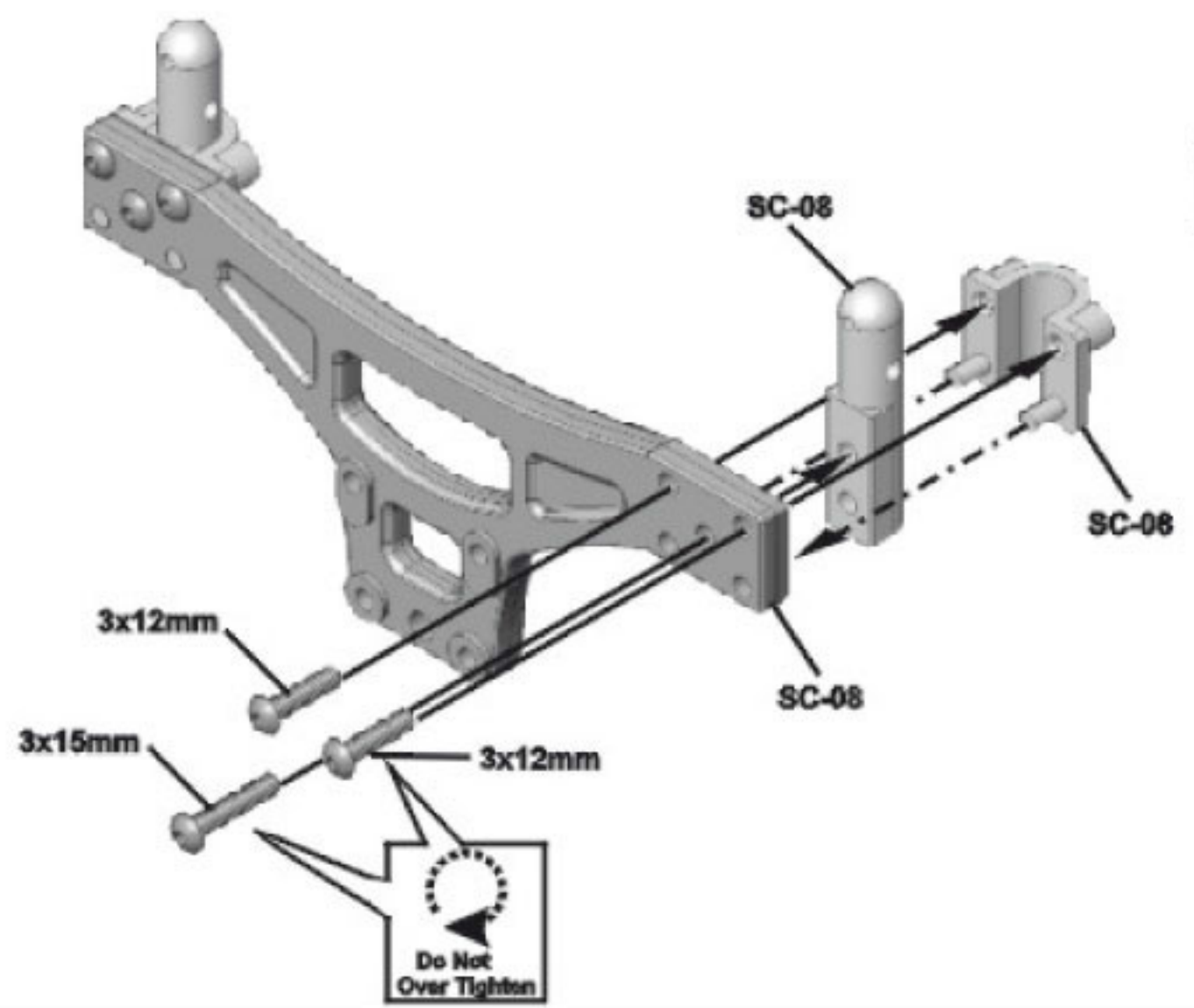


16 ASSEMBLY OF THE FRONT BODY POST 前車殼支柱組合

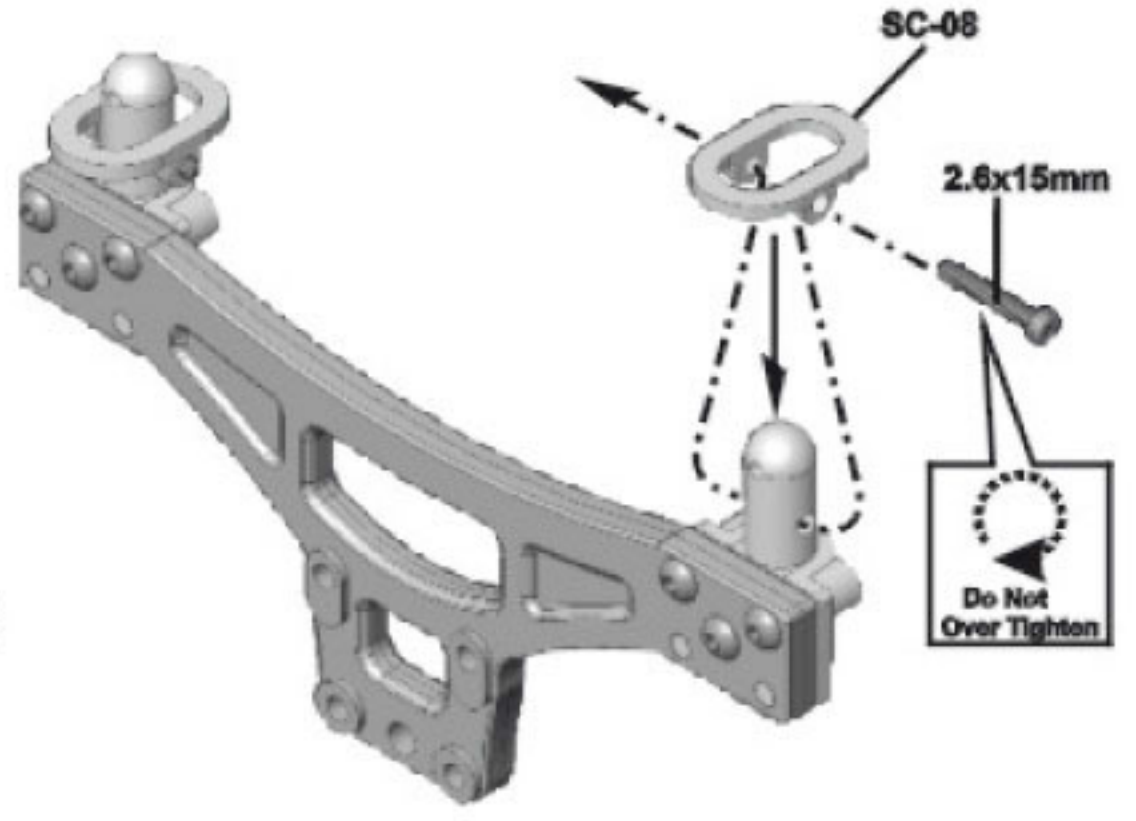
Assemble both right and left sides.
請組合左 / 右兩側。

-  3x12mm Hex Screw
半丸內六角螺絲x4
-  3x15mm Hex Screw
半丸內六角螺絲x2
-  2.6x15mm Screw
丸十字螺絲x2

Step 1

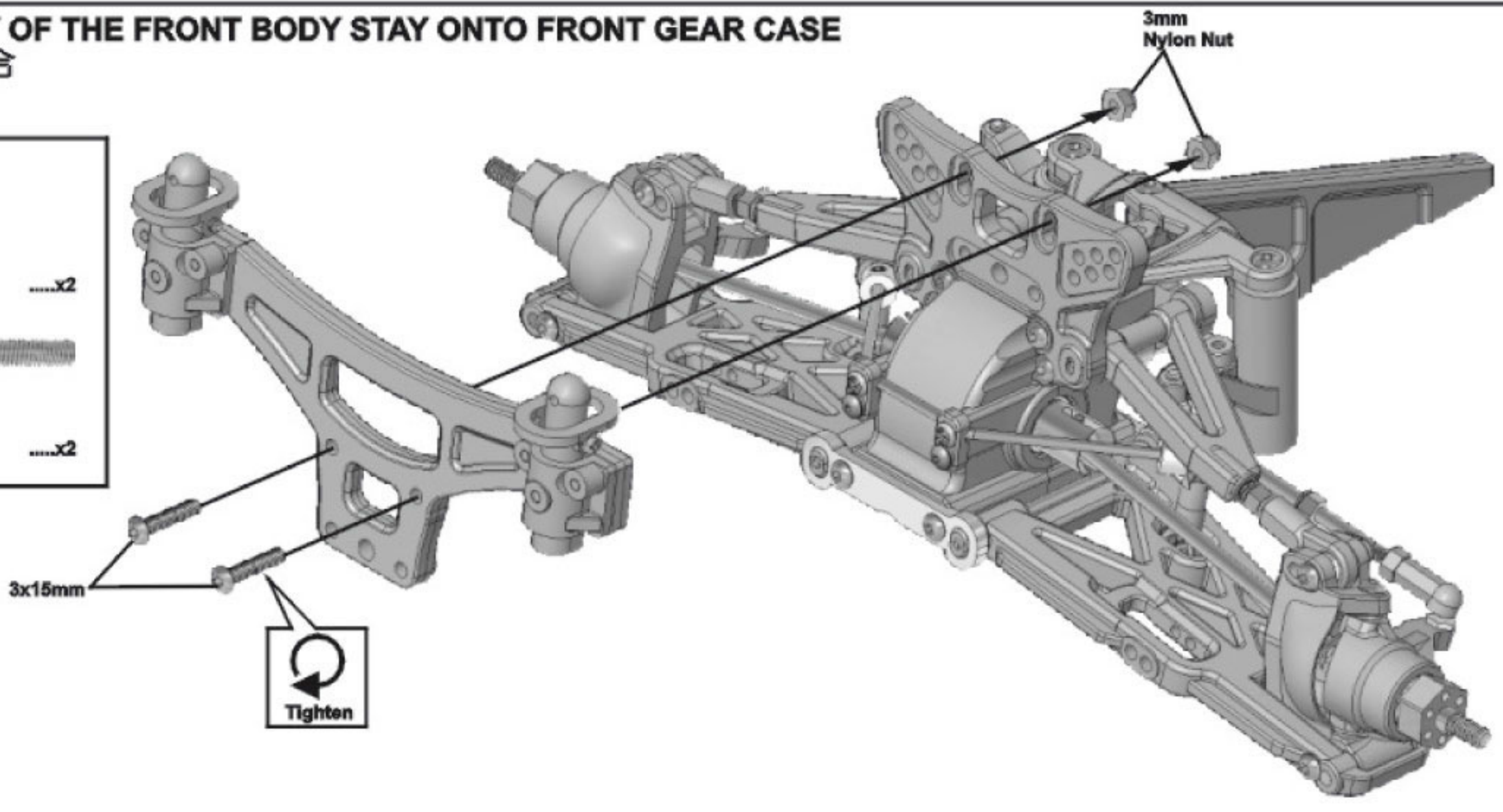


Step 2



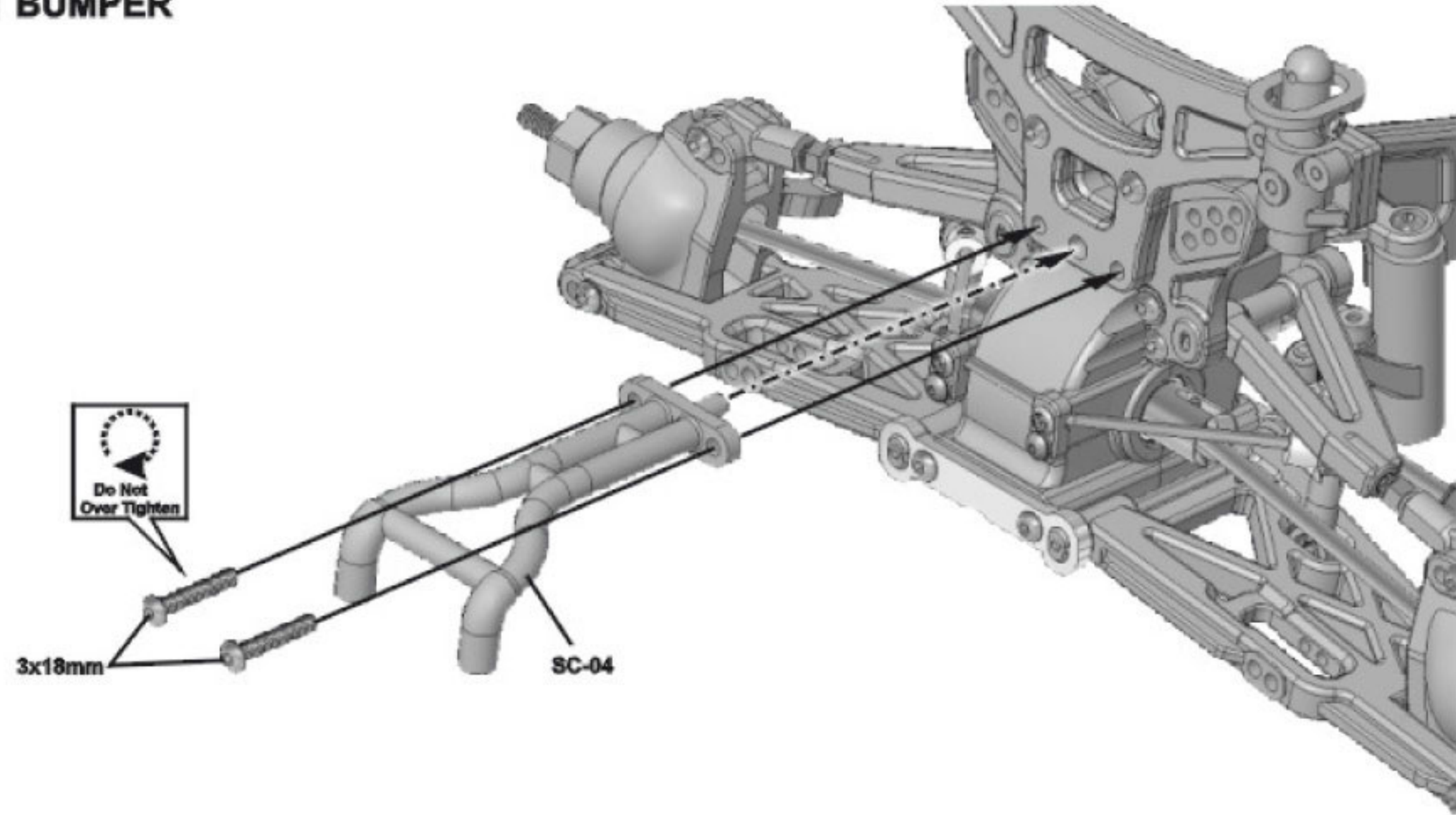
17 ASSEMBLY OF THE FRONT BODY STAY ONTO FRONT GEAR CASE 前車殼架組合

-  3mm Nylon Nut
尼龍螺帽x2
-  3x15mm Hex Screw
半丸內六角螺絲x2



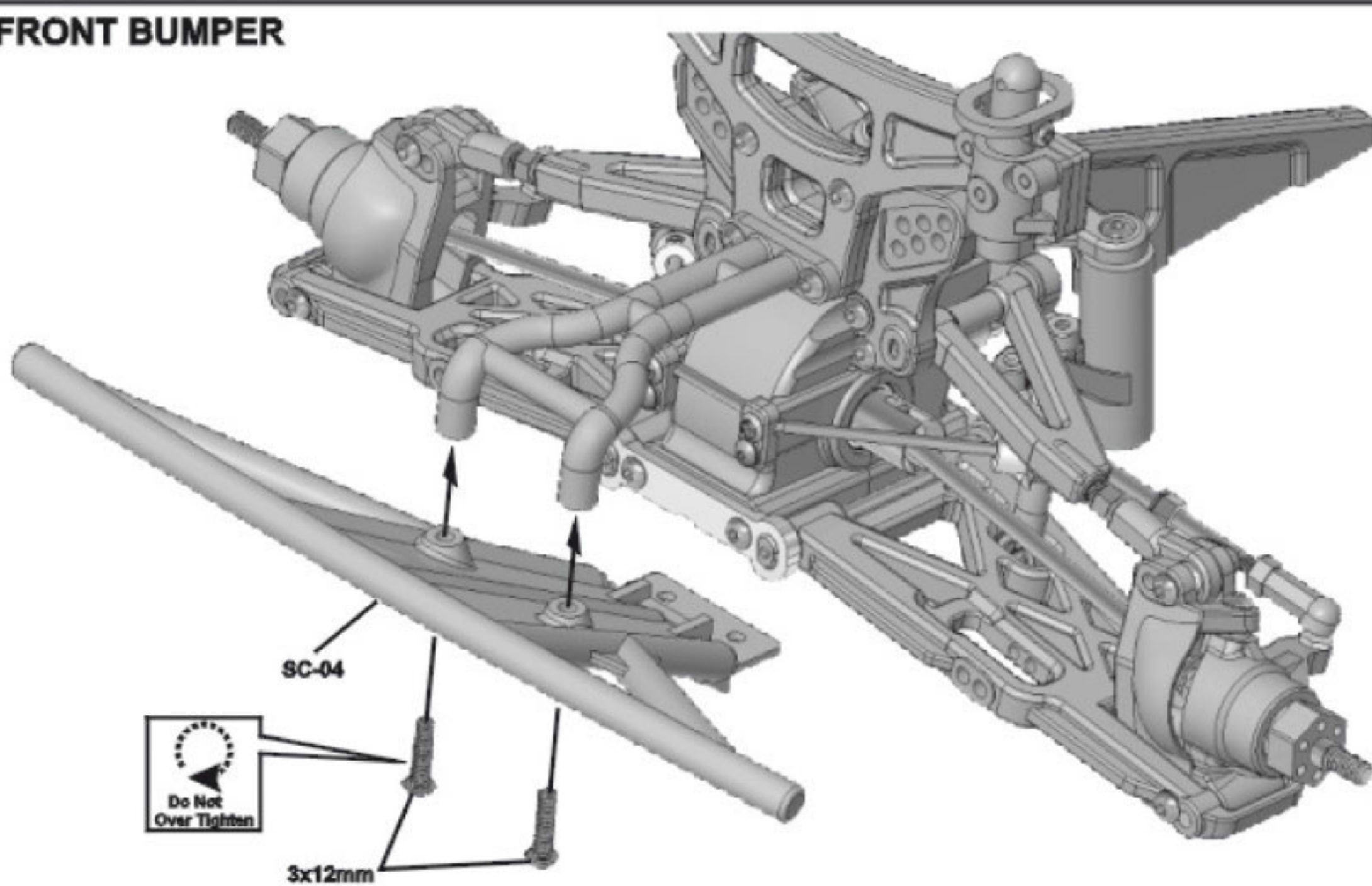
18 ASSEMBLY OF THE FRONT BUMPER 前防撞板組合

-  3x18mm Hex Screw
半丸內六角螺絲x2



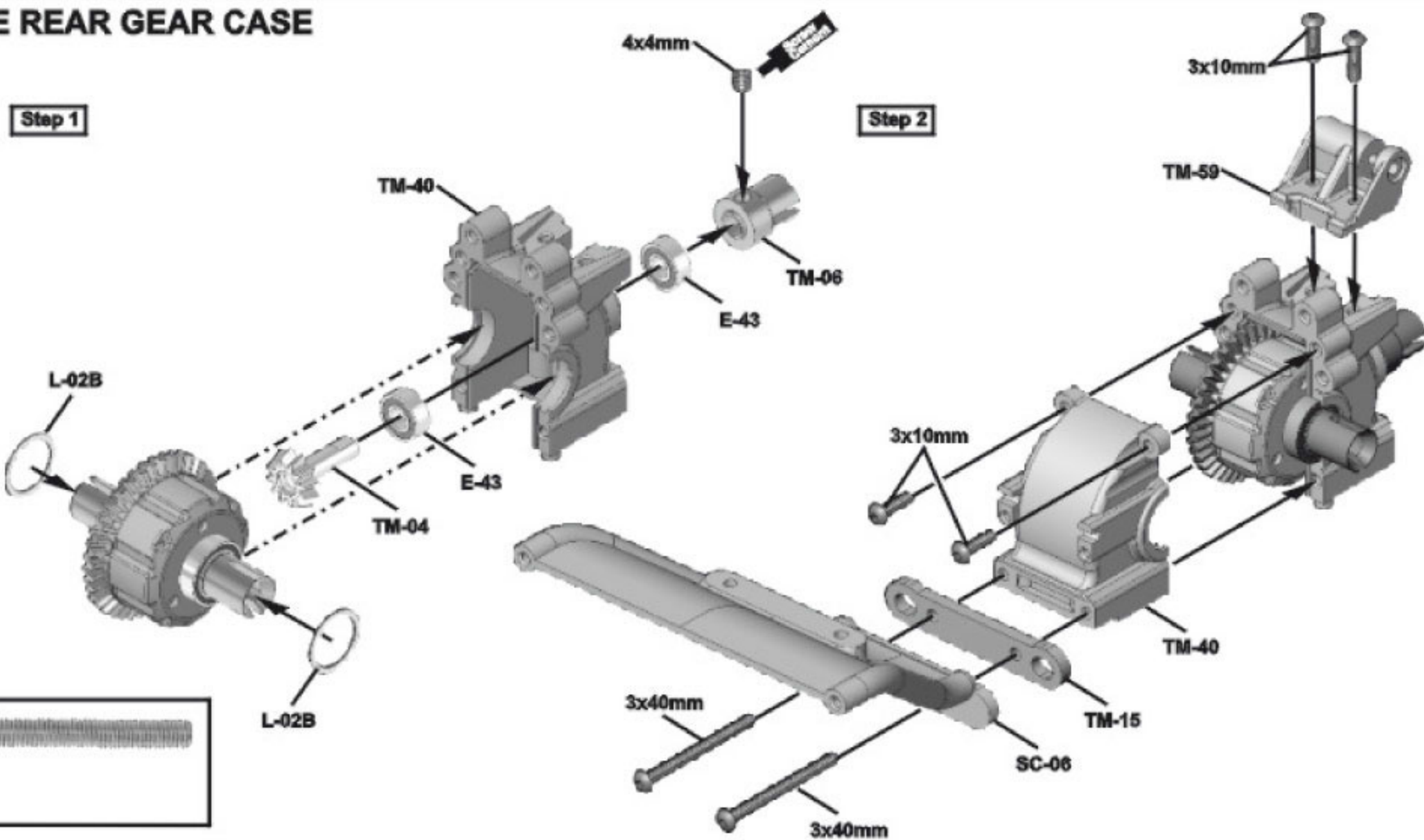
19 ASSEMBLY OF THE FRONT BUMPER

前防撞板組合



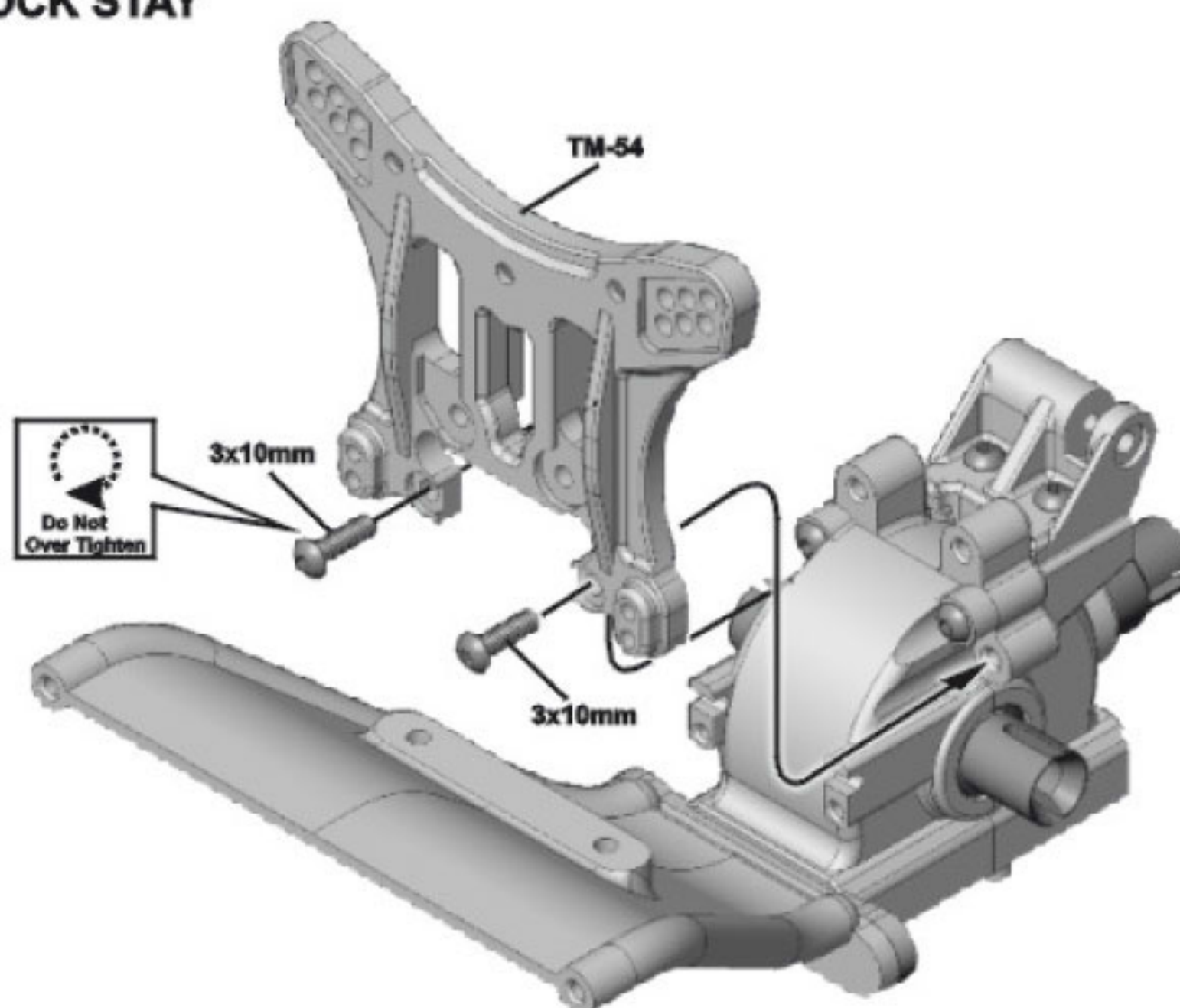
20 ASSEMBLY OF THE REAR GEAR CASE

後齒輪箱組合



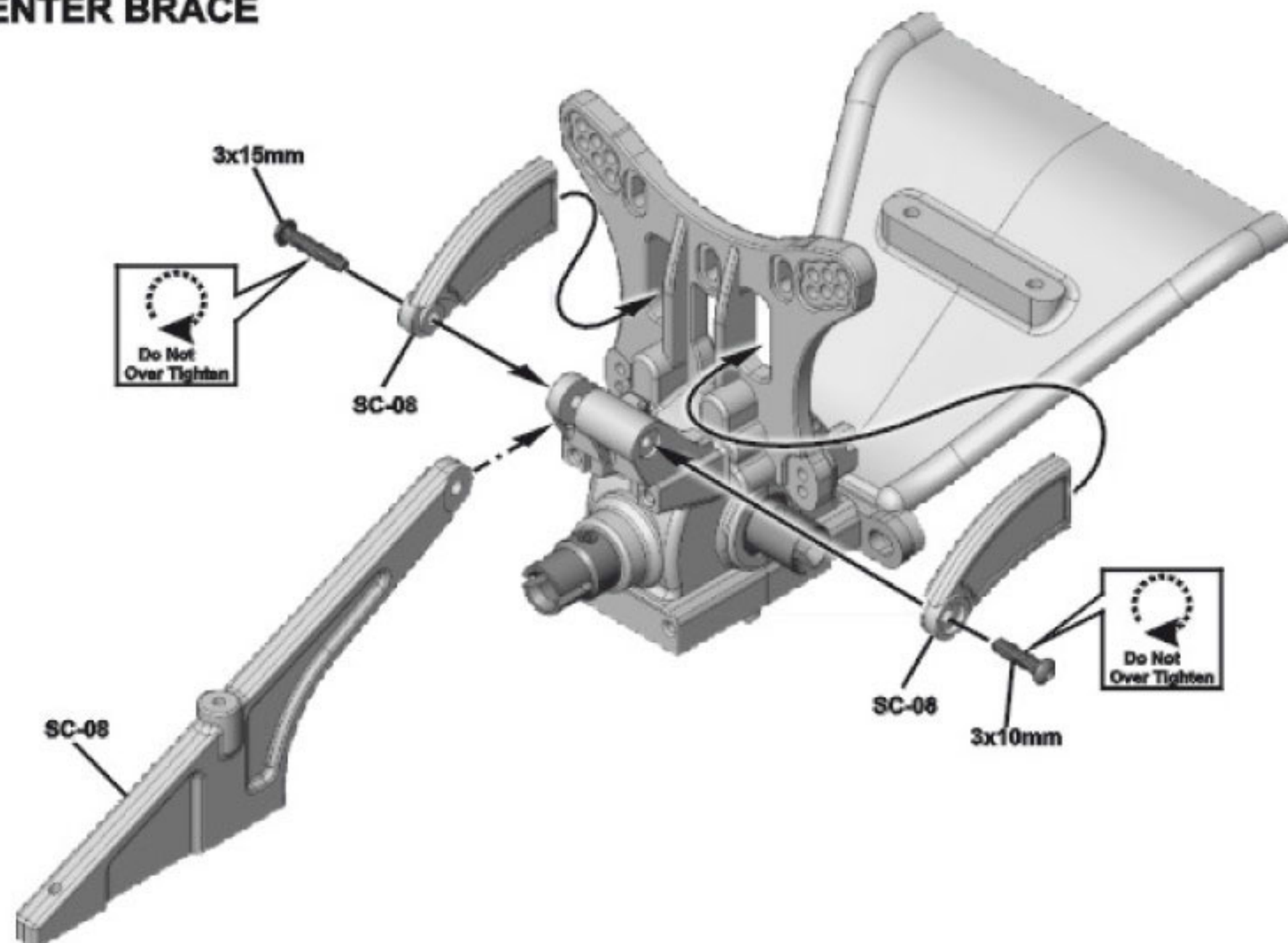
21 ASSEMBLY OF THE REAR SHOCK STAY

後油壓架組合



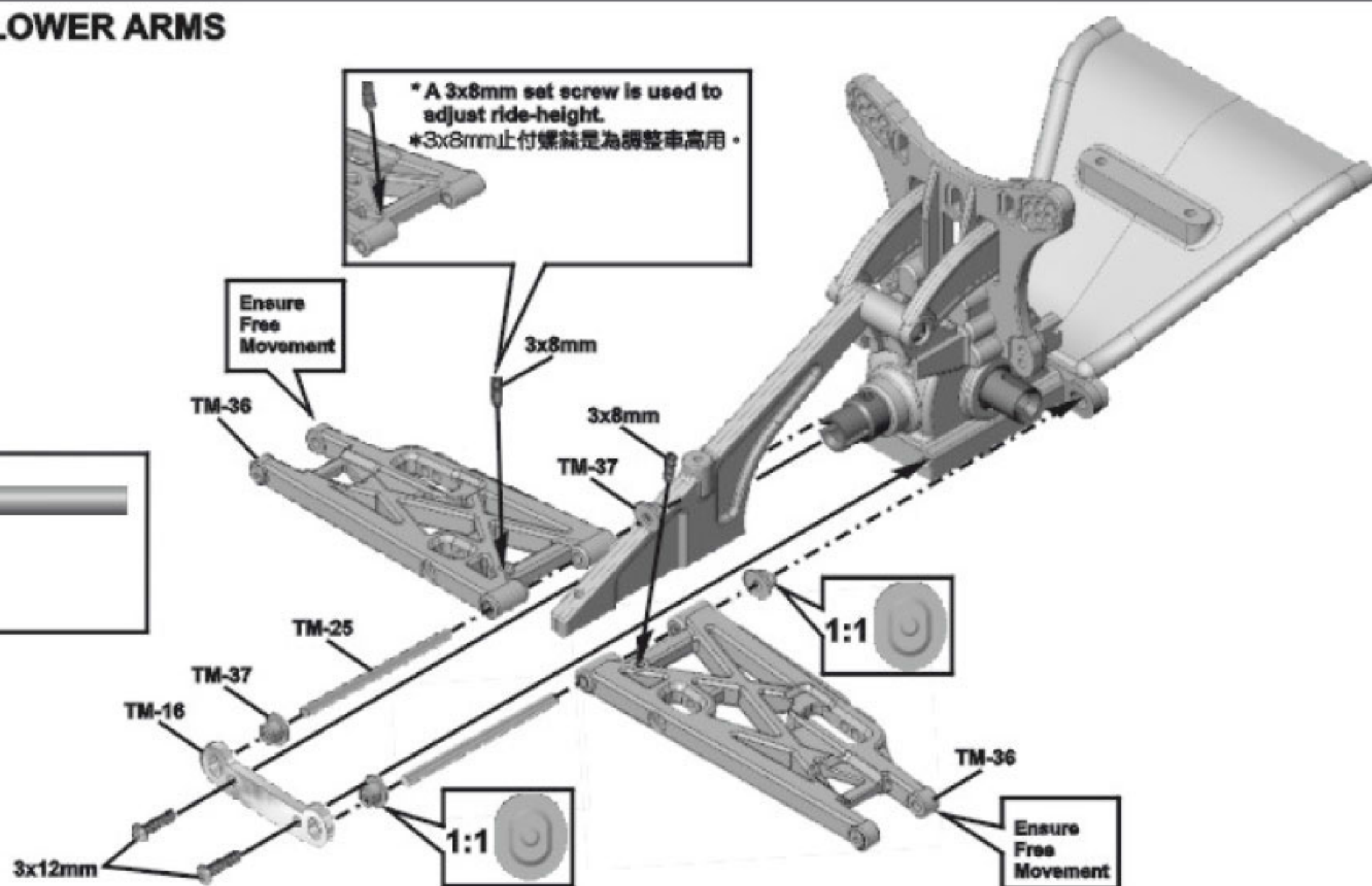
22 ASSEMBLY OF THE REAR CENTER BRACE

後中央補強桿組合



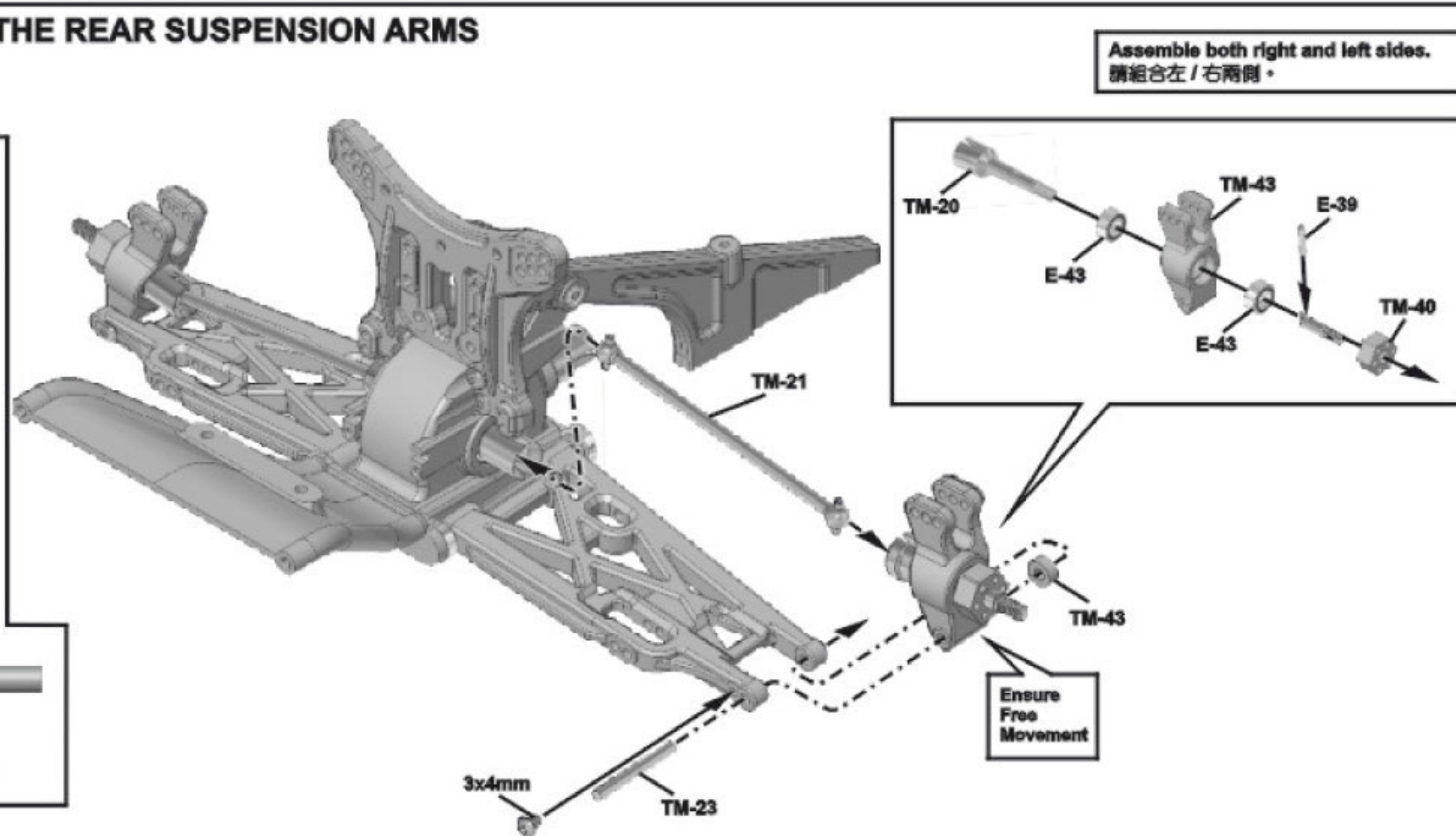
23 ASSEMBLY OF THE REAR LOWER ARMS

後下擺臂組合



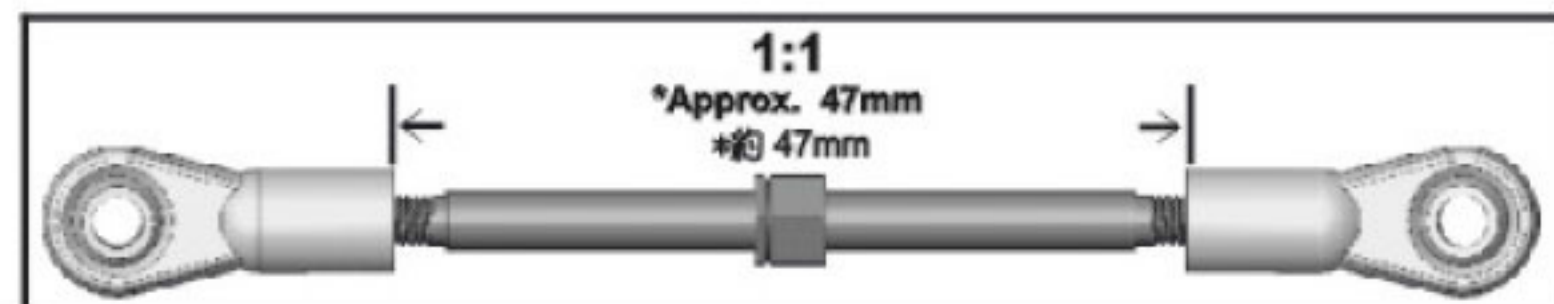
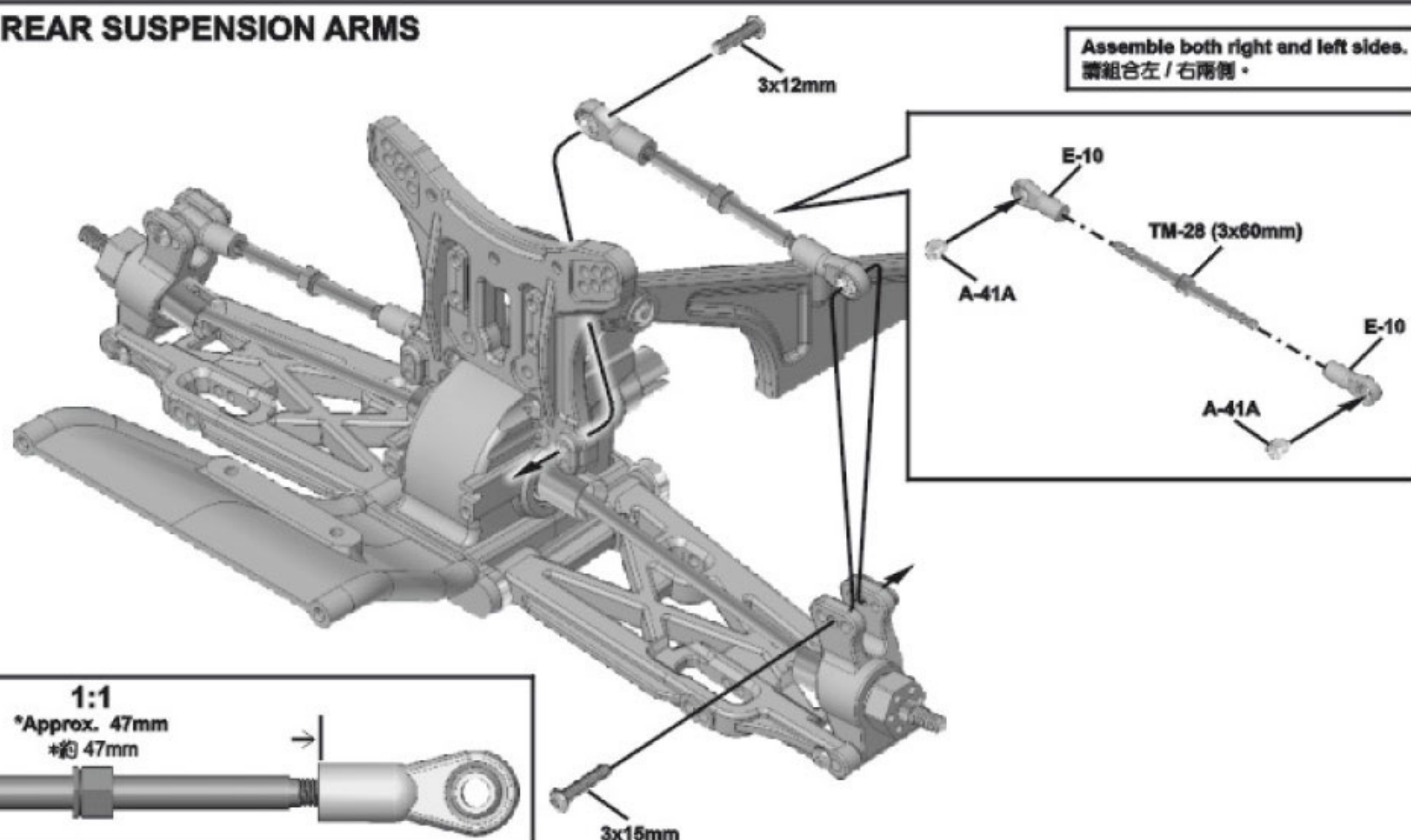
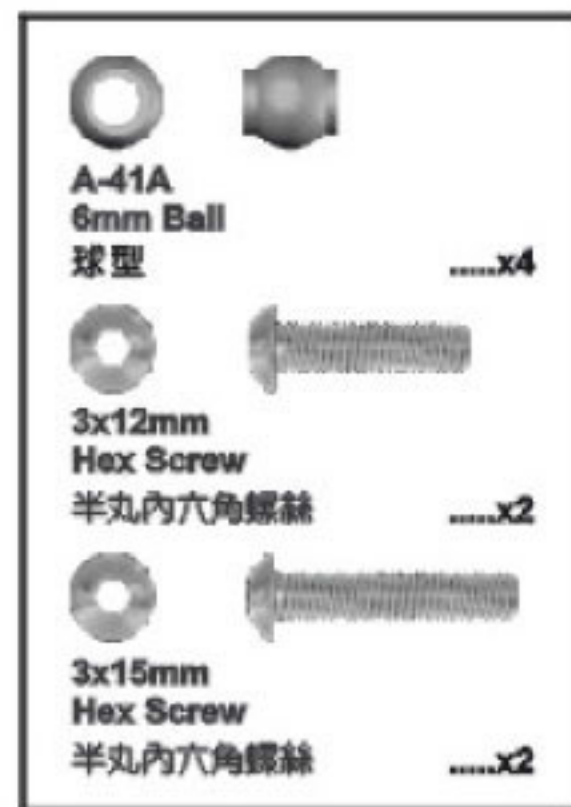
24 ASSEMBLY OF THE REAR SUSPENSION ARMS

後懸吊系統組合



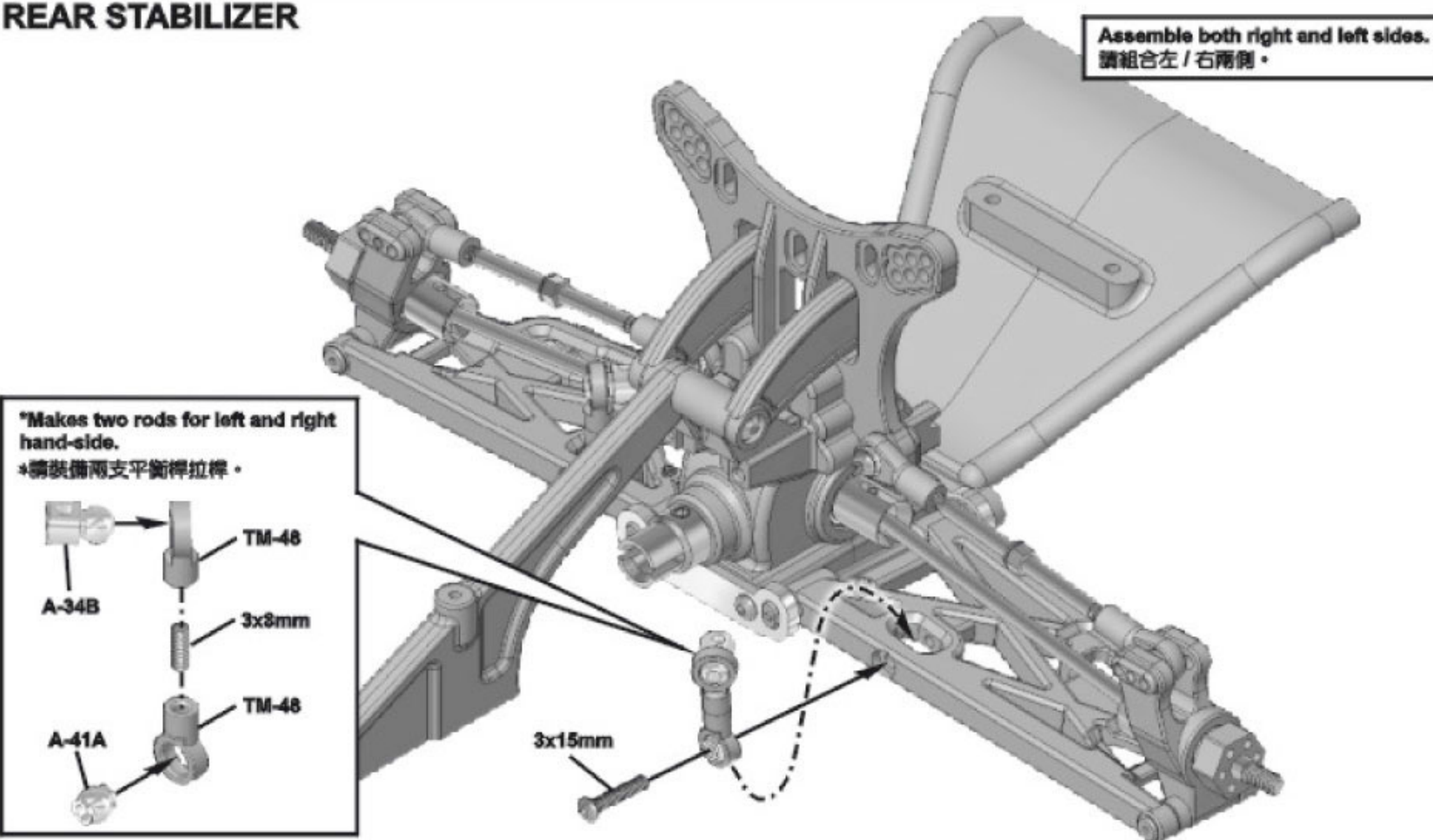
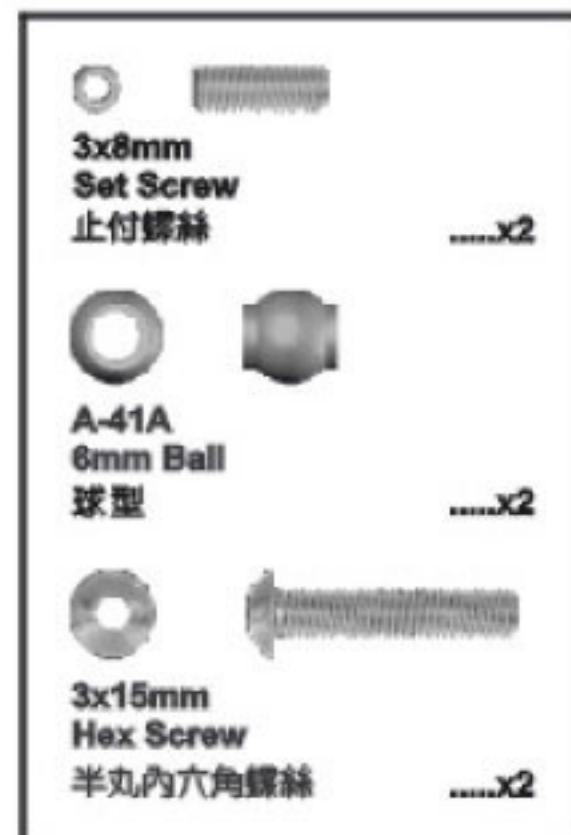
25 ASSEMBLY OF THE REAR SUSPENSION ARMS 後懸吊系統組合

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



26 ASSEMBLY OF THE REAR STABILIZER 後平衡桿組合

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



27 ASSEMBLY OF THE REAR STABILIZER 後平衡桿組合

