

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)。

HongNor

QUALITY RIC MODEL PRODUCTS

鴻諾企業有限公司

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TAIWAN, R.O.C.

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FAX: 886 2-2694-1632

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*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.

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



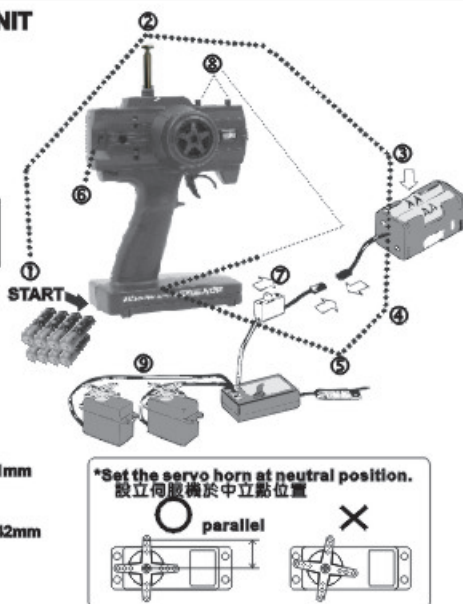
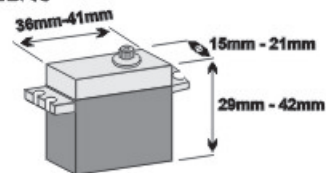
8 "AA" Type Batteries
3號電池 x 8

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



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

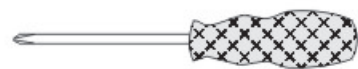
SEQUENCE TO SET NEUTRAL

遙控在組合前必要設立中立點

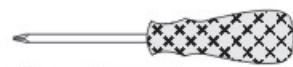
- | | |
|---|---------------------------------------|
| ① Install UM-3 batteries. | 裝入3號乾電池(發射機用) |
| ② Extend the antenna.(Transmitter) | 拉出天線 |
| ③ Install batteries into battery box .. | 裝入3號乾電池盒(接收機用) |
| ④ After installing the battery, connect the battery box to the switch. | 連接電池盒至開關 |
| ⑤ Extend 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-level 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，伺服機必須在中央位置。(拆下伺服機可做調整中央位置。) |
| ⑪ Turn off the switch. (Receiver) | 關閉接收機電源 |
| ⑫ Turn off the switch. (Transmitter) | 關閉發射機電源 |
| ⑬ Retract the antenna. (Transmitter) | 收回發射機天線 |

TOOLS NOT INCLUDED IN THE KIT

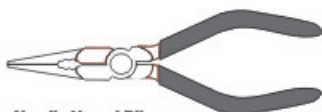
需使用之工具



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



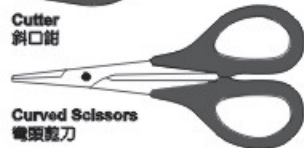
Needle Nosed Pliers
尖嘴鉗



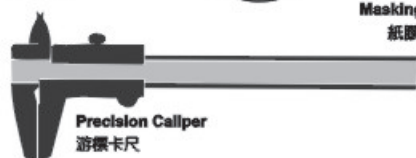
Knife
美工刀



Cutter
斜口鉗



Curved Scissors
彎頭鉗刀



Precision Calliper
游標卡尺



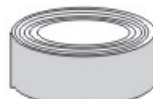
Brush



Cross Wrench
六角起子



Instant Cement
3秒瞬間膠水



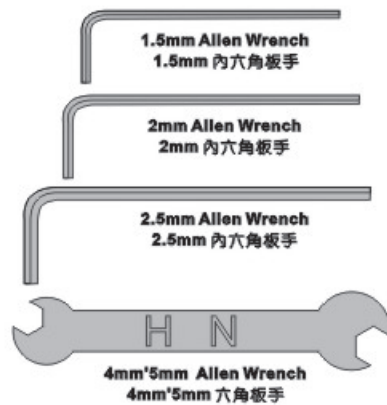
Masking Tape
紙膠帶



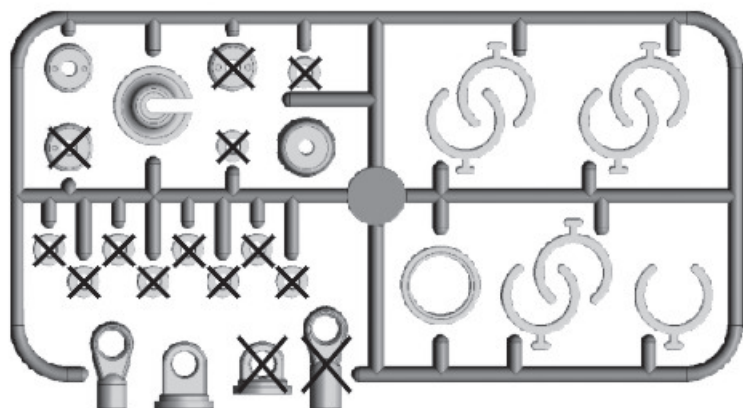
Paints
模型用油漆

INCLUDED IN THE KIT

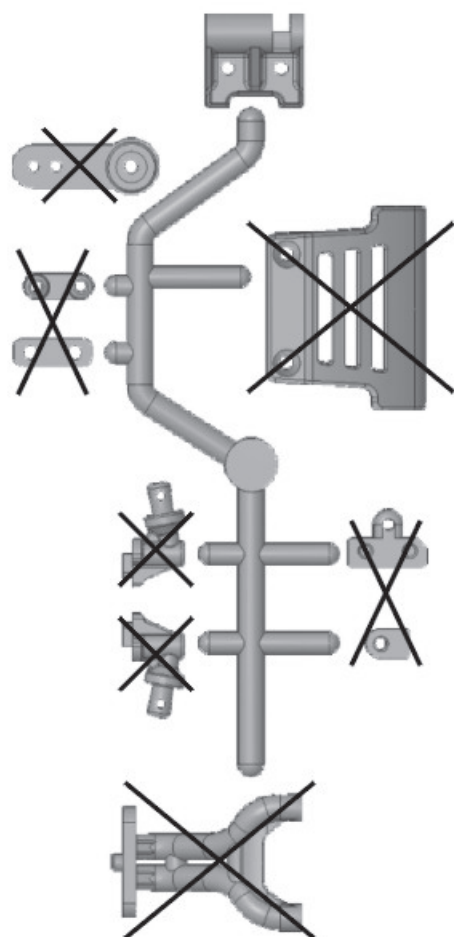
套件內裝備



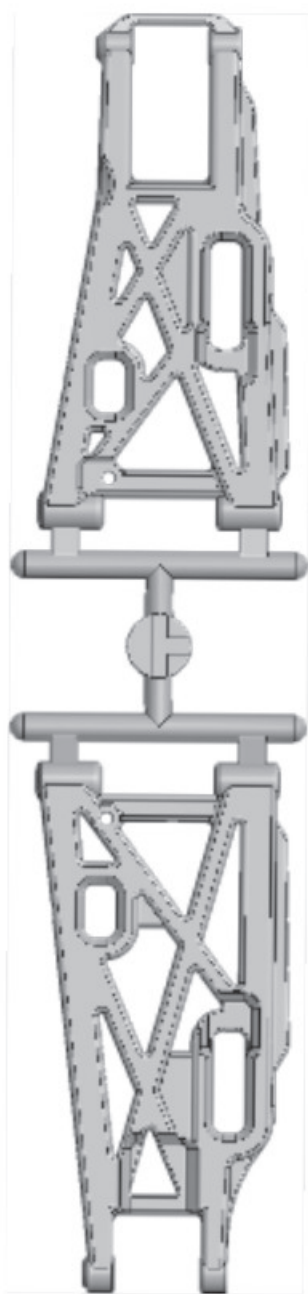
E-10
SHOCK ABSORBER
油壓零件



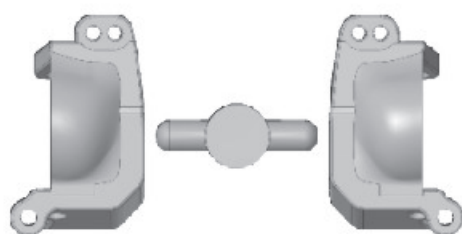
TM-59
BUMPER & RADIO TRAY POST & BODY POST
防撞板、二樓板支柱、車殼支柱



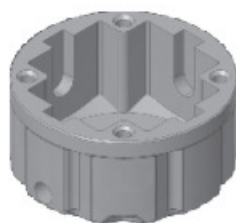
TM-36
FRONT & REAR LOWER ARM
前、後下擺臂



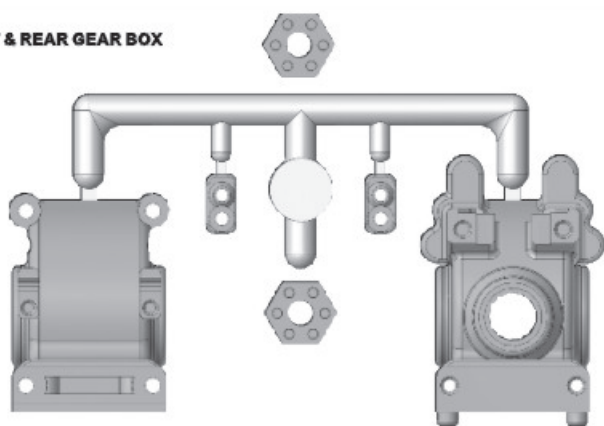
TM-39
FRONT C HUB
C型座



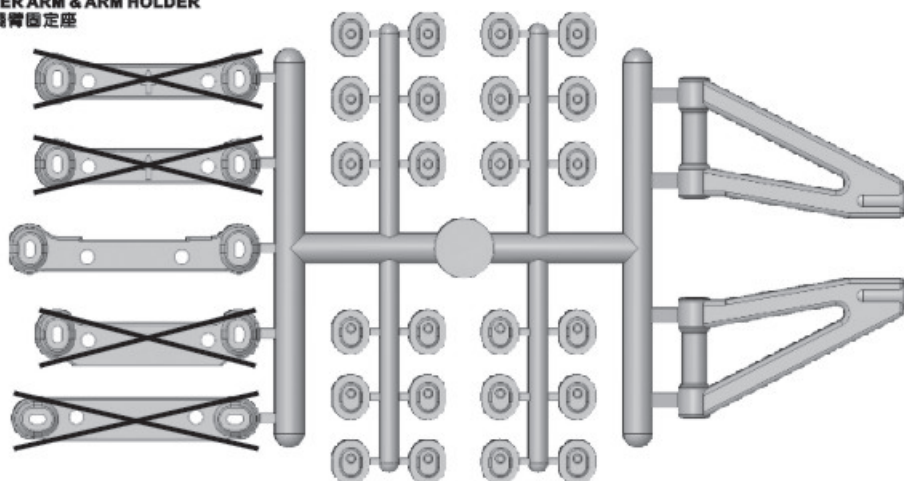
TM-35
DIFF. CASE
差速殼



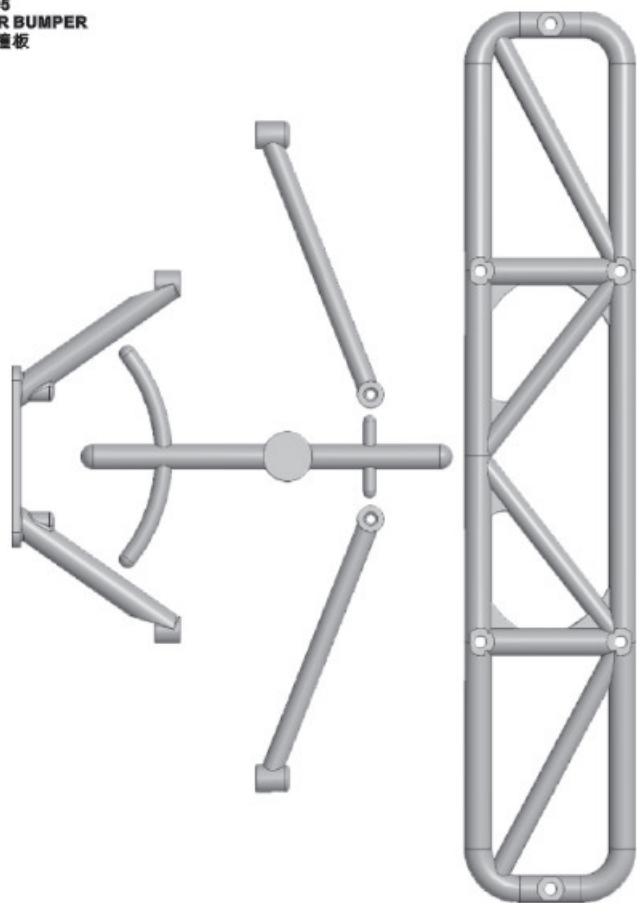
TM-40
FRONT & REAR GEAR BOX
齒輪箱



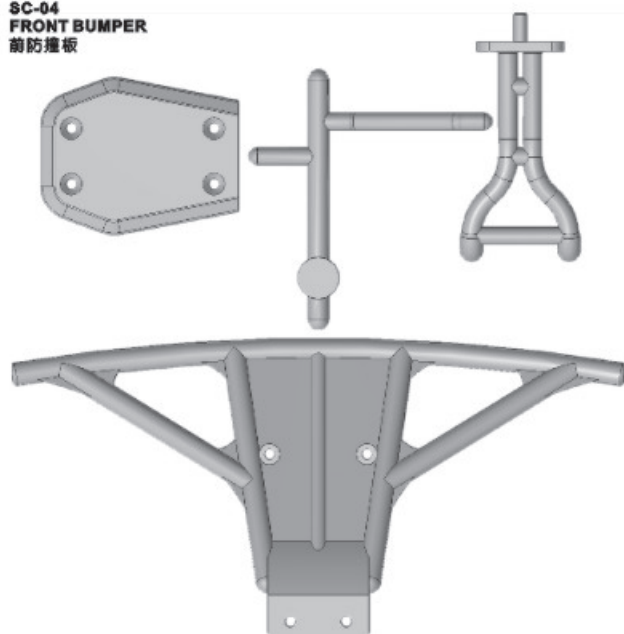
TM-37
FRONT UPPER ARM & ARM HOLDER
前上擺臂、擺臂固定座



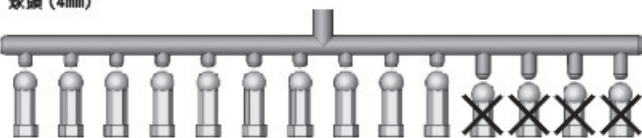
SC-05
REAR BUMPER
後防撞板



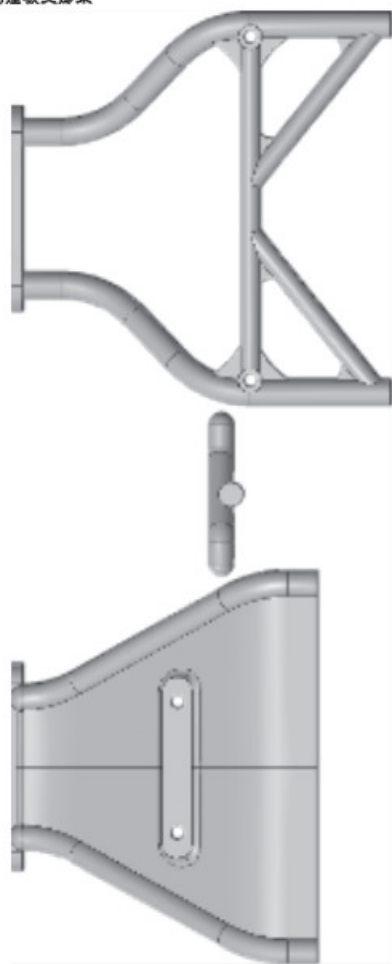
SC-04
FRONT BUMPER
前防撞板



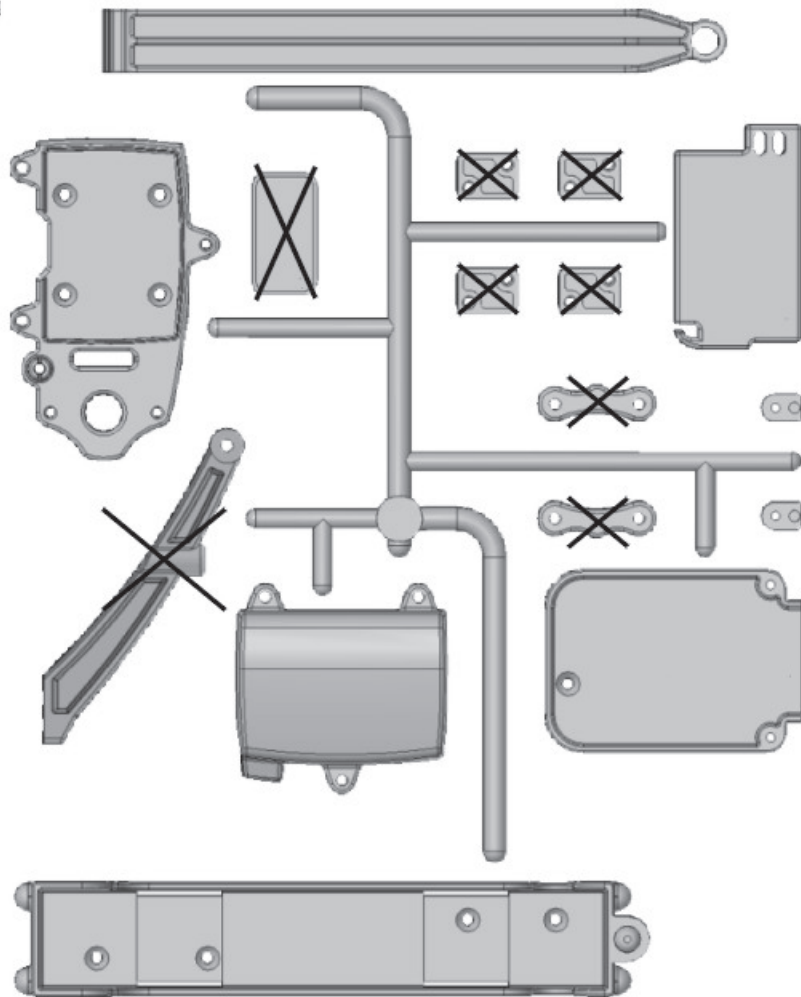
E-65
BALL END (4mm)
球頭 (4mm)



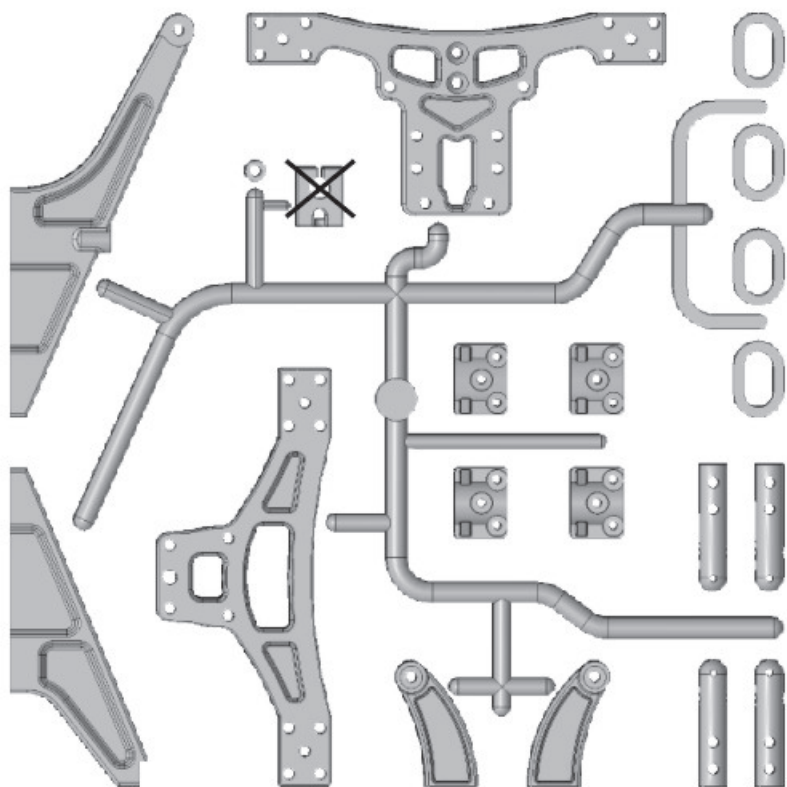
SC-06
REAR BUMPER BRACE
後防撞板支撐架



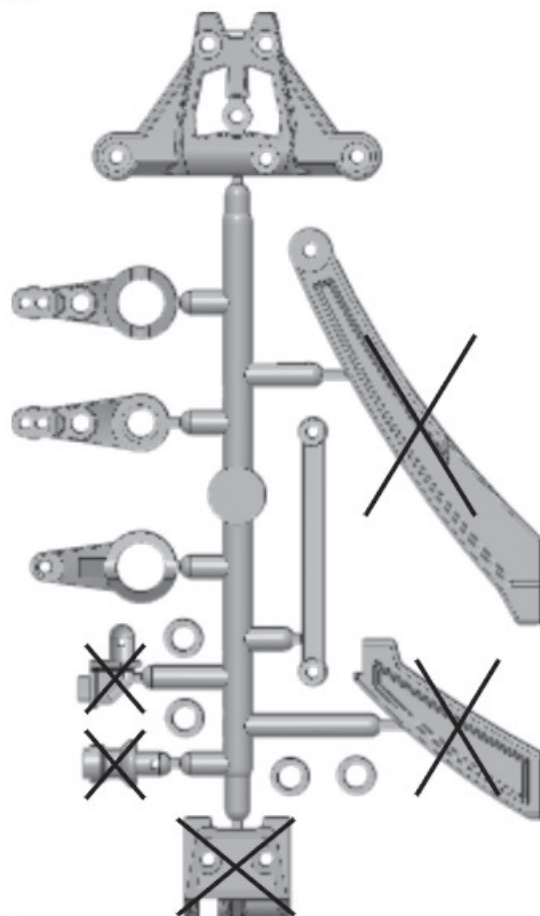
SC-07
BATTERY CASE & RECEIVER BOX
電池盒與



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



TM-34
SERVO SAVER
緩衝組



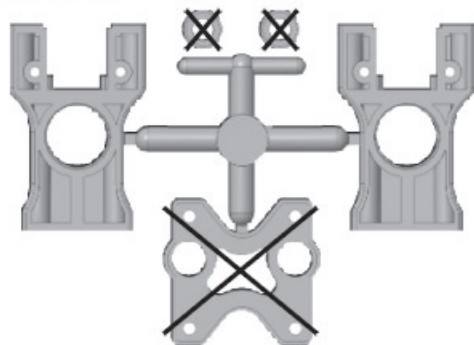
TM-41
FRONT KNUCKLEARM
轉向座 L·R



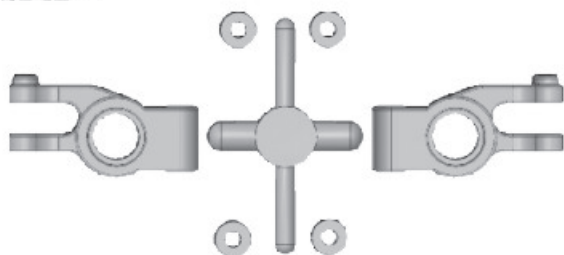
SC-09
SPUR GEAR (46T)
大直齒 (46T)



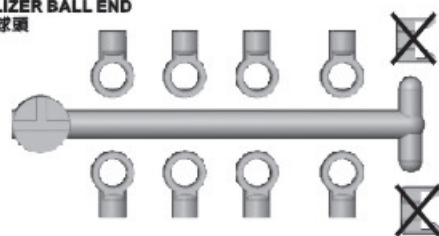
TM-44
CENTER DIFF. MOUNT
中差座



TM-43
REAR UPRIGHT
後輪固定座 L·R



TM-48
STABILIZER BALL END
平衡桿球頭

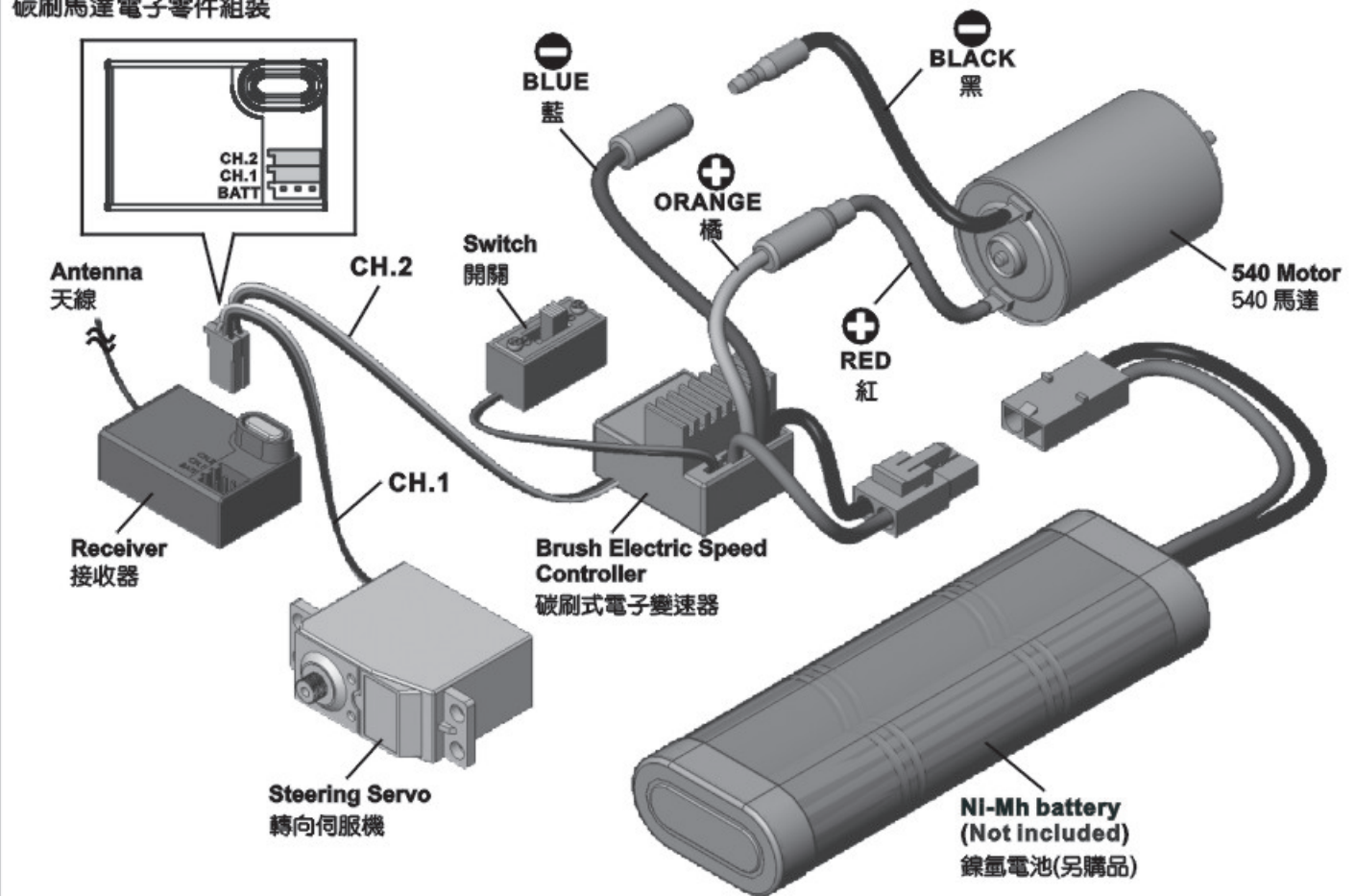


SYMBOL USED THROUGHOUT THE INSTRUCTION MANUAL
說明書附註使用標示

 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 緊緊物件	 Ensure Free Movement 確定可自由活動	 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

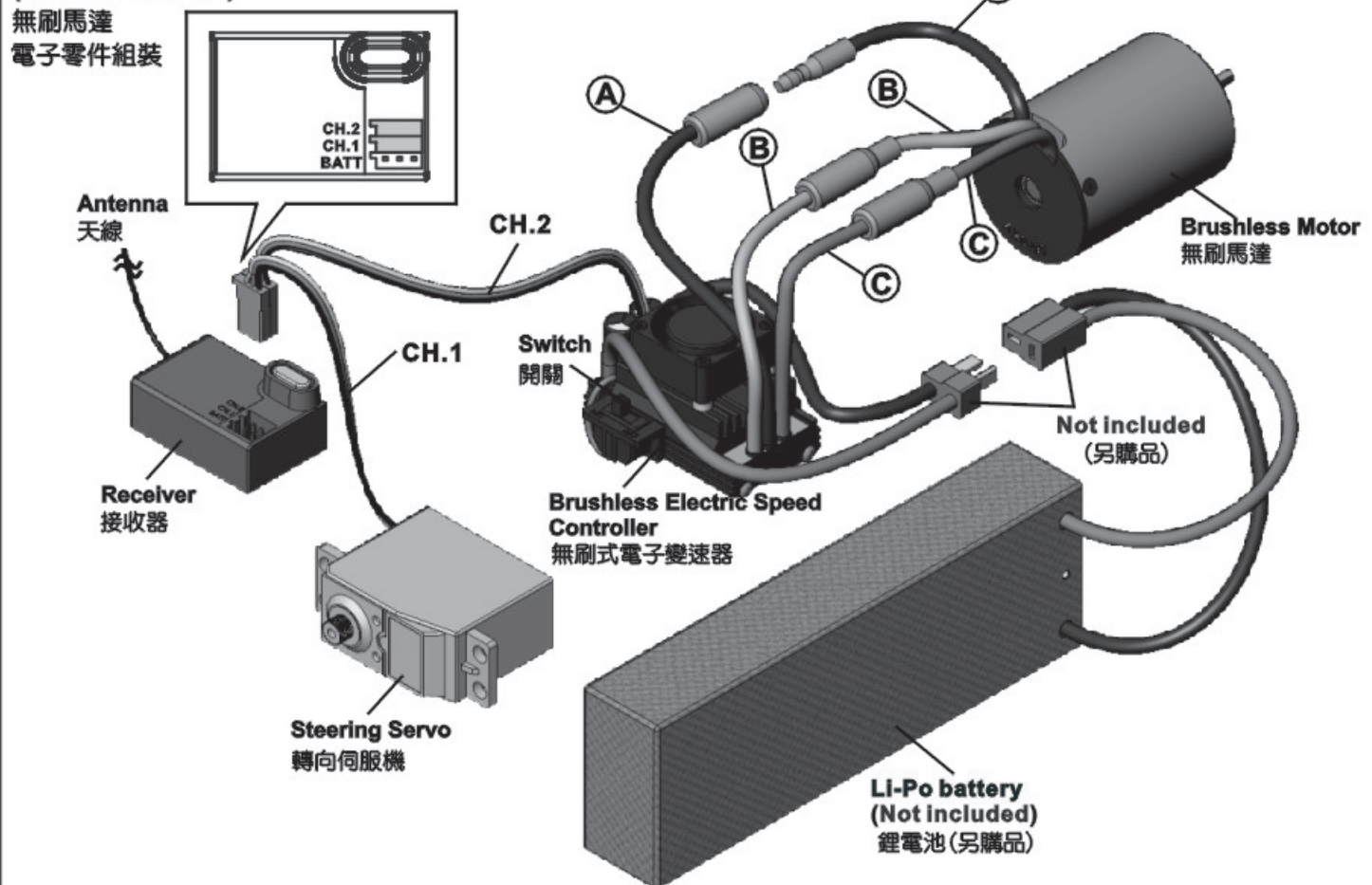
FOR BRUSH MOTOR

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

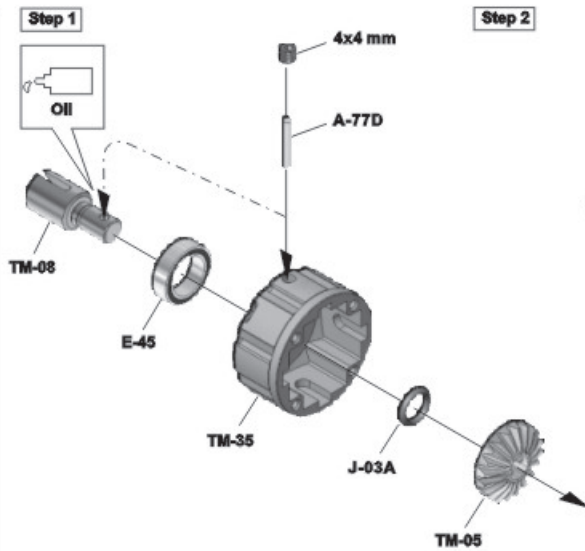


1 ASSEMBLY OF THE FRONT AND REAR DIFF.

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。

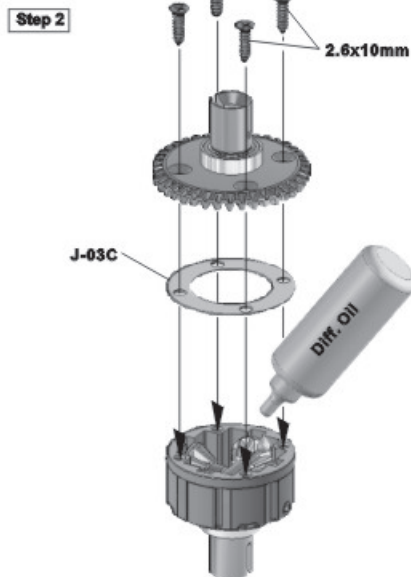
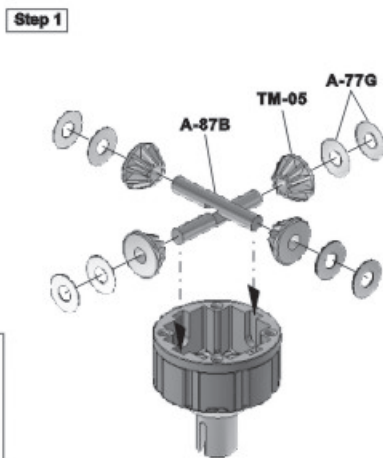


2 ASSEMBLY OF THE FRONT AND REAR DIFF.

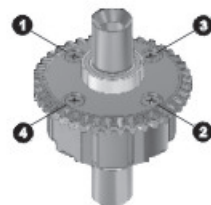
前後差速齒輪組合

*Build two differentials for front and rear.

*請組合兩個差速器為前後使用。



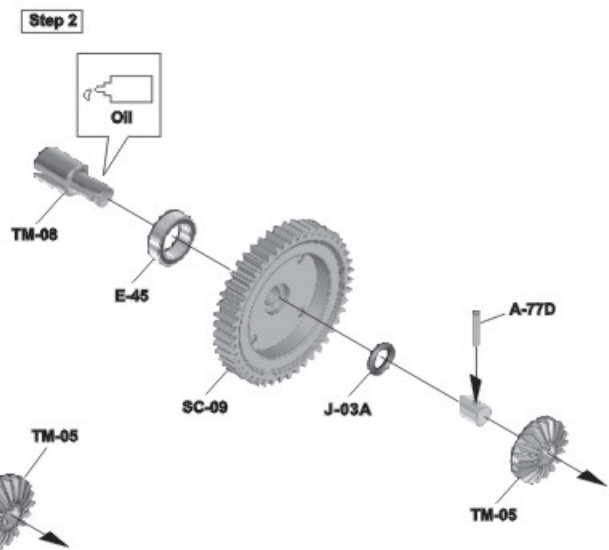
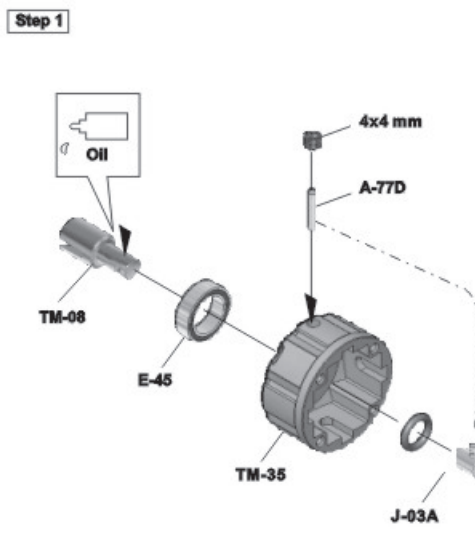
Tighten the diff. screws in this order.
請依圖示順序上緊螺絲。



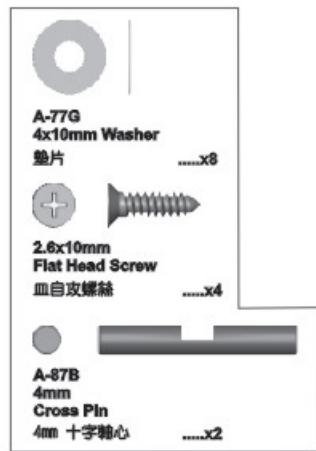
*Put the Diff. Oil #3000 for front and #1000 for rear.
*Fill the Diff. case to approx. 80% full with the Diff. Oil.
*前差速器請使用#3000差速油，後差速器請使用#1000差速油。
*差速油注滿80%即可。

3 ASSEMBLY OF THE CENTER DIFF.

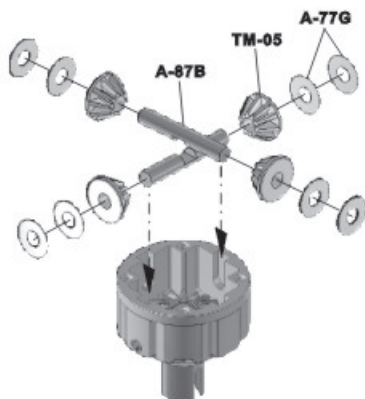
中央差速齒輪組合



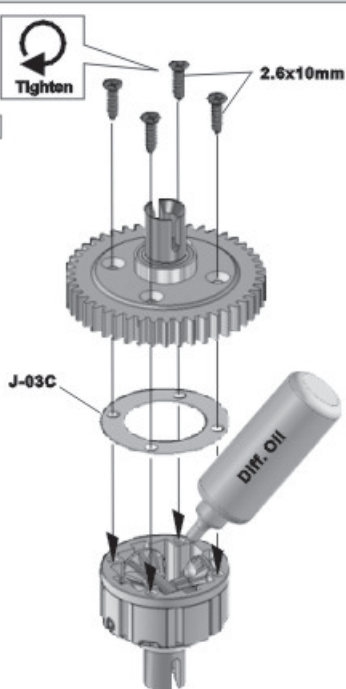
4 ASSEMBLY OF THE CENTER DIFF. 中央差速齒輪組合



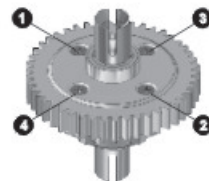
Step 1



Step 2



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

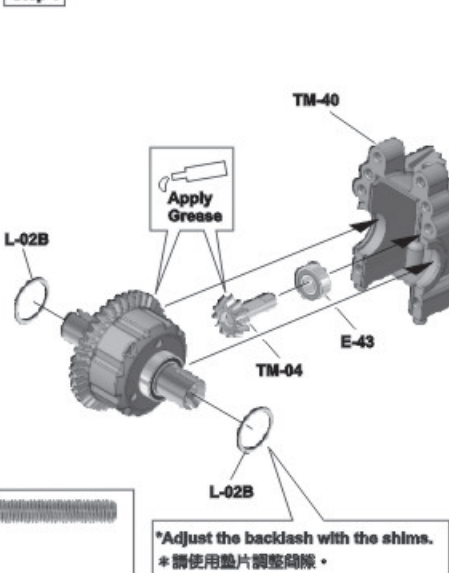


*Put the Diff. Oil #5000 for the center.
*Fill the Diff. Case to approx. 80% Full with the Diff.Oil.
*中差速器請使用#5000差速油，注滿80%即可。

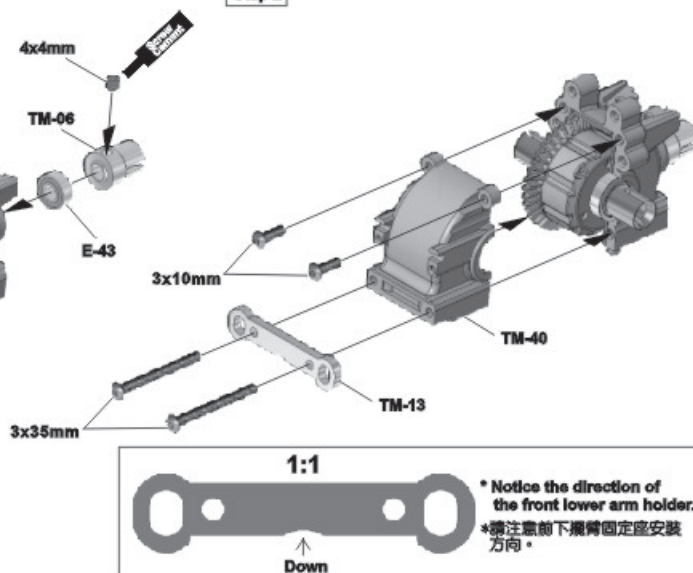
5 ASSEMBLY OF THE FRONT GEAR CASE 前齒輪箱組合



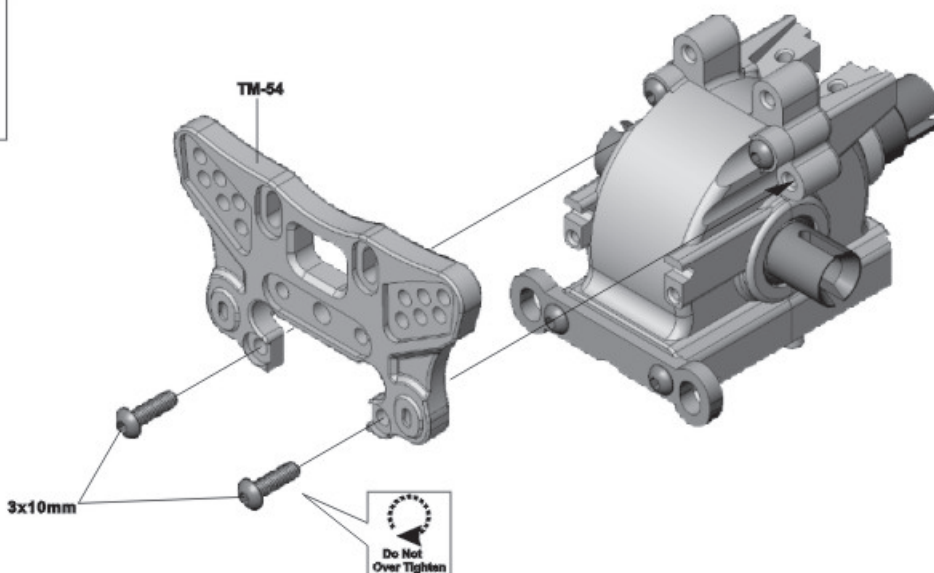
Step 1



Step 2



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



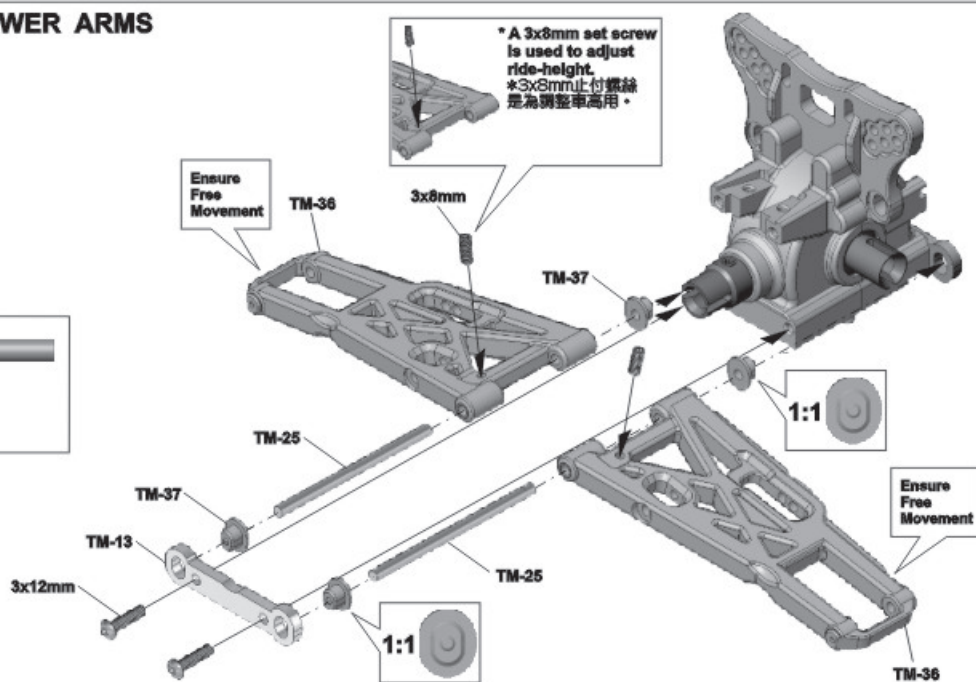
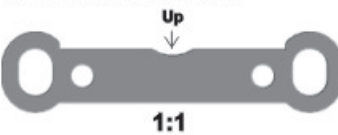
7 ASSEMBLY OF THE FRONT LOWER ARMS

前下擺臂組合



* Notice the direction of the front lower arm holder in rear.

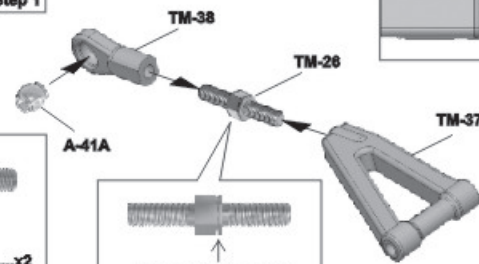
*請注意前下擺臂固定座安裝方向。



8 ASSEMBLY OF THE FRONT UPPER ARMS

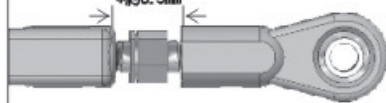
前上擺臂組合

Step 1

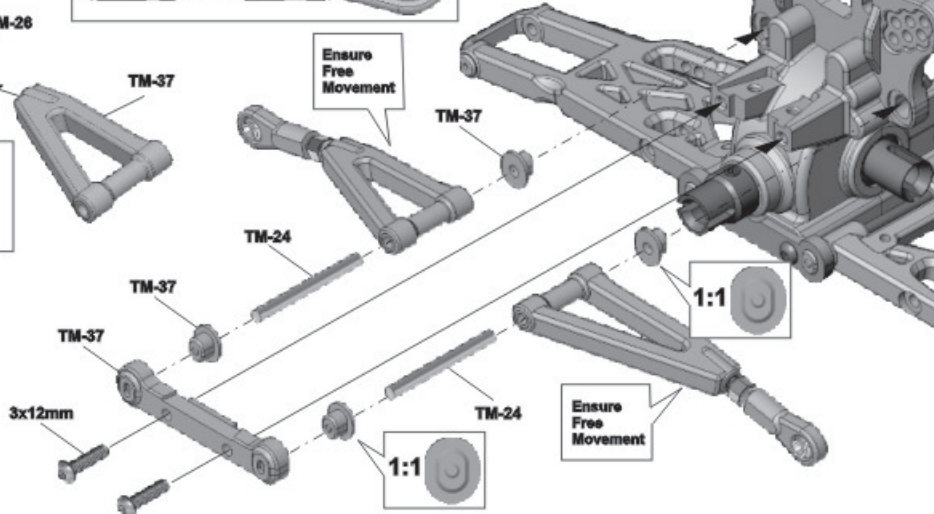


Anti-clockwise mark.

1:1
*Approx. 8.5mm
±0.5mm



Step 2

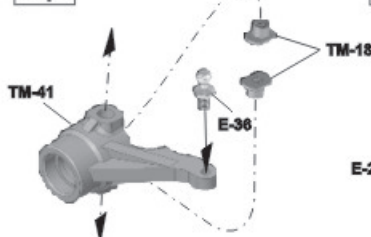


9 ASSEMBLY OF THE KNUCKLE ARMS

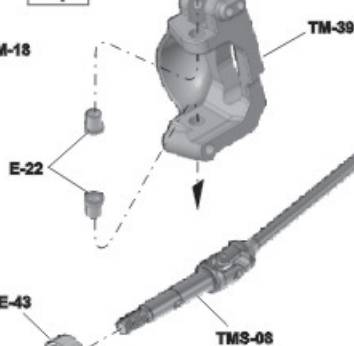
轉向座組合



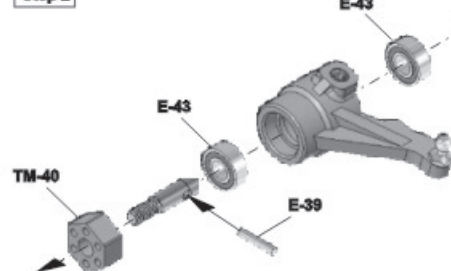
Step 1



Step 3

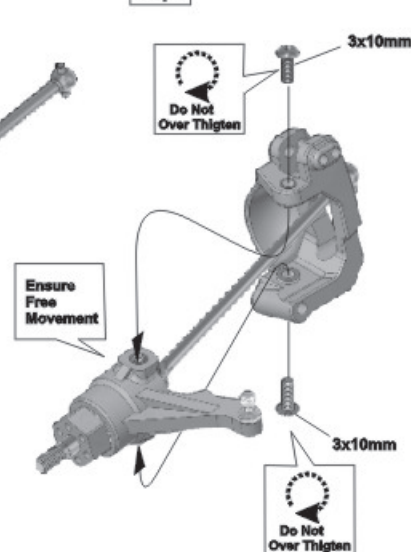


Step 2



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

Step 4

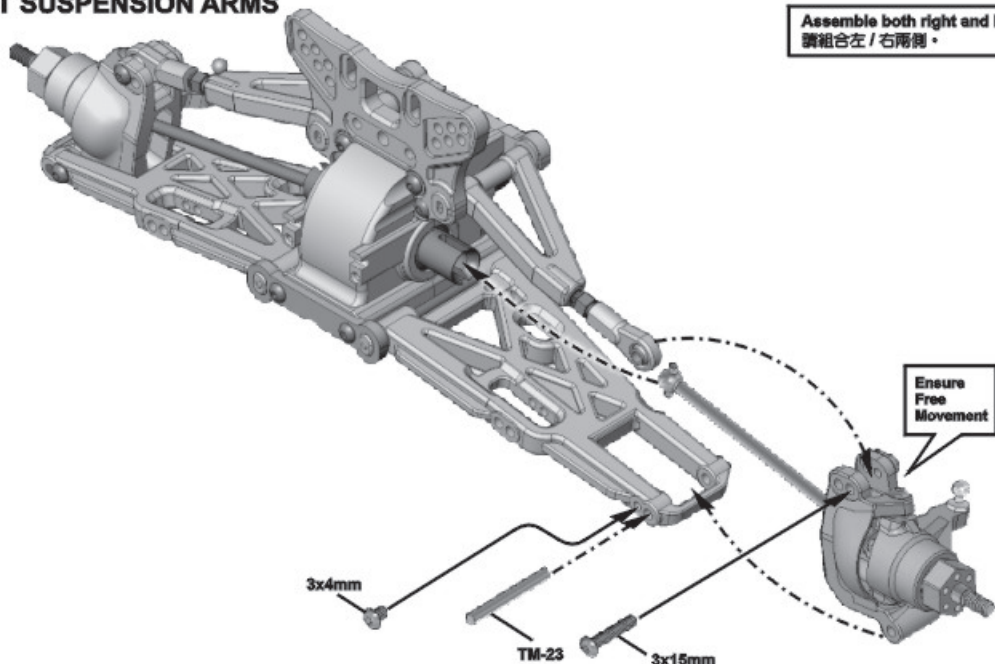


10 ASSEMBLY OF THE FRONT SUSPENSION ARMS

前懸吊系統組合

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

-  3x4mm Hex Screw
半丸內六角螺絲x2
-  3x15mm Hex Screw
半丸內六角螺絲x2
-  TM-23 3x25.8mm Arm Shaft
3x25.8mm 擺臂軸x2

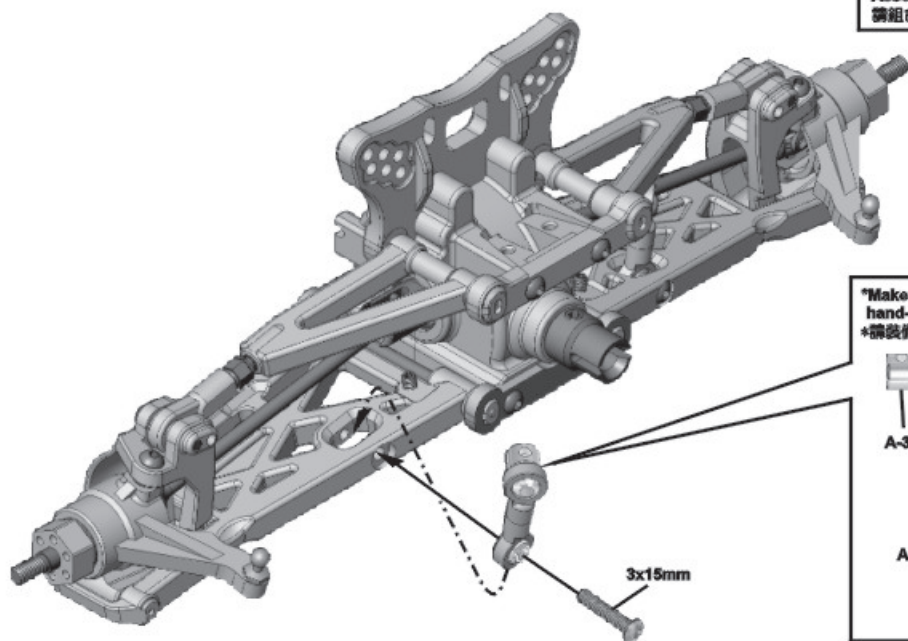


11 ASSEMBLY OF THE FRONT STABILIZER

前平衡桿組合

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

-  3x8mm Set Screw
止付螺絲x2
-  A-41A 6mm Ball
球型x2
-  3x15mm Hex Screw
半丸內六角螺絲x2

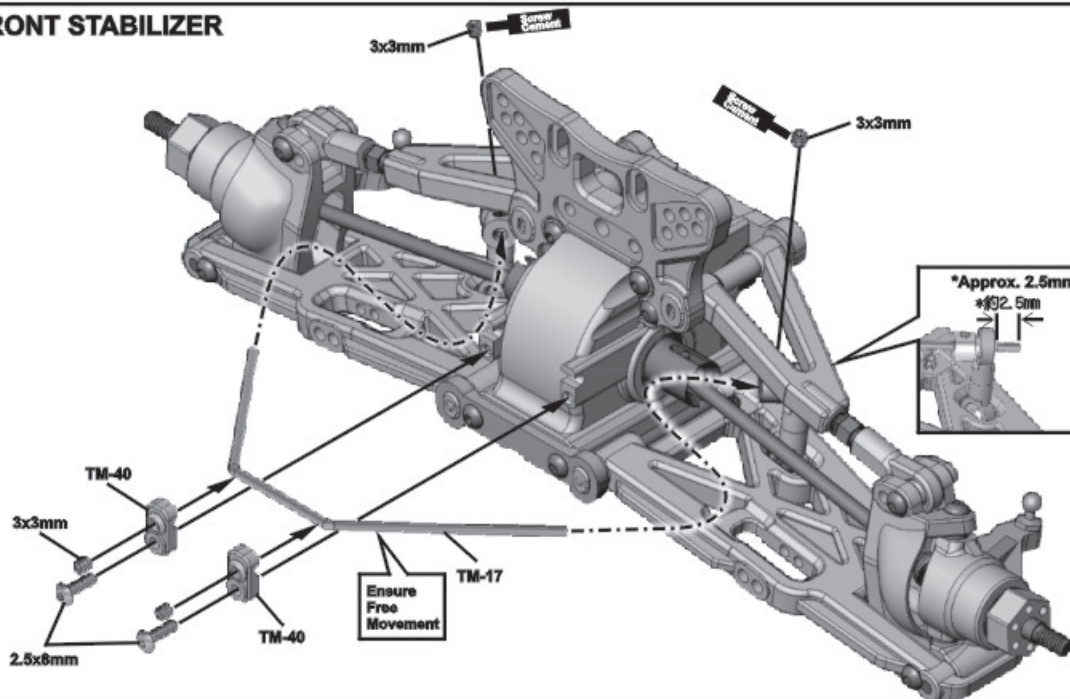


*Makes two rods for left and right hand-side.
*請裝備兩支平衡桿拉桿。

12 ASSEMBLY OF THE FRONT STABILIZER

前平衡桿組合

-  3x3mm Set Screw
止付螺絲x4
-  2.5x8mm Hex Screw
半丸內六角螺絲x2

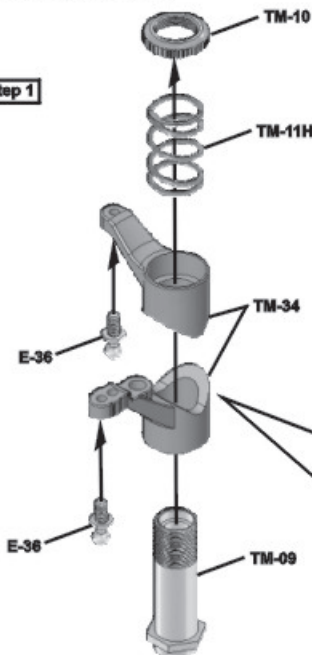


13 ASSEMBLY OF THE SERVO SAVER

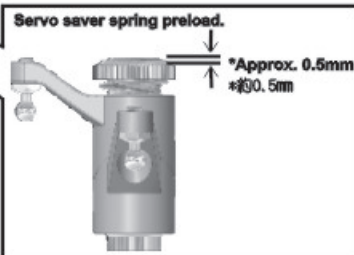
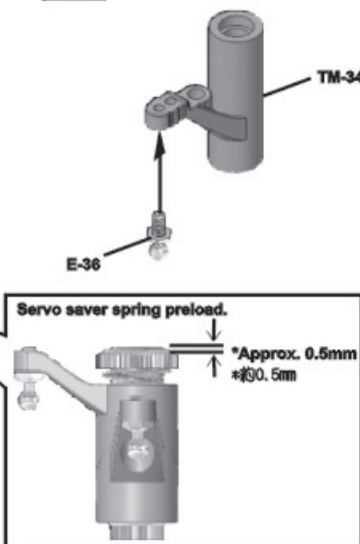
緩衝組組合



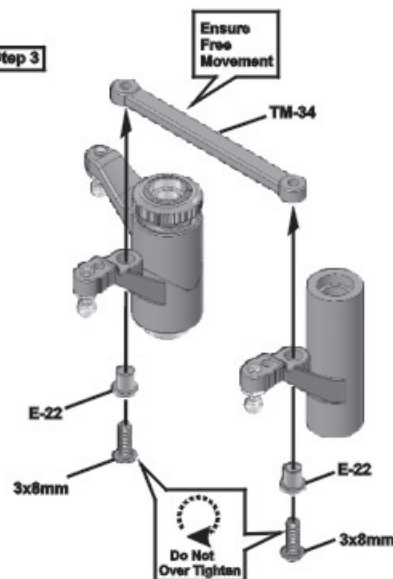
Step 1



Step 2



Step 3

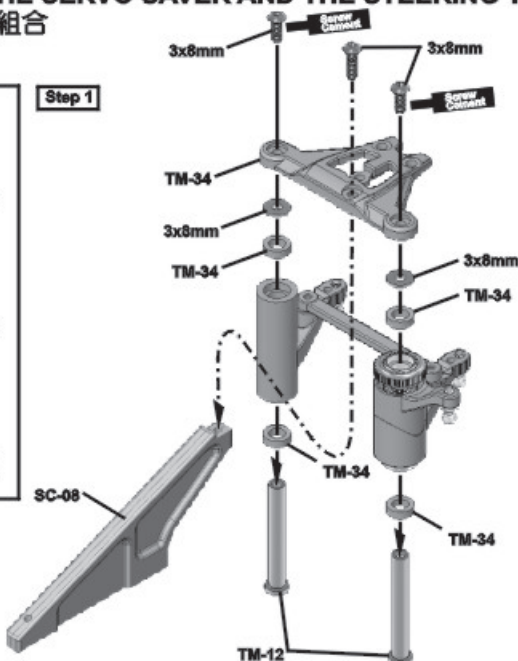


14 ASSEMBLY OF THE SERVO SAVER AND THE STEERING TIE-ROD

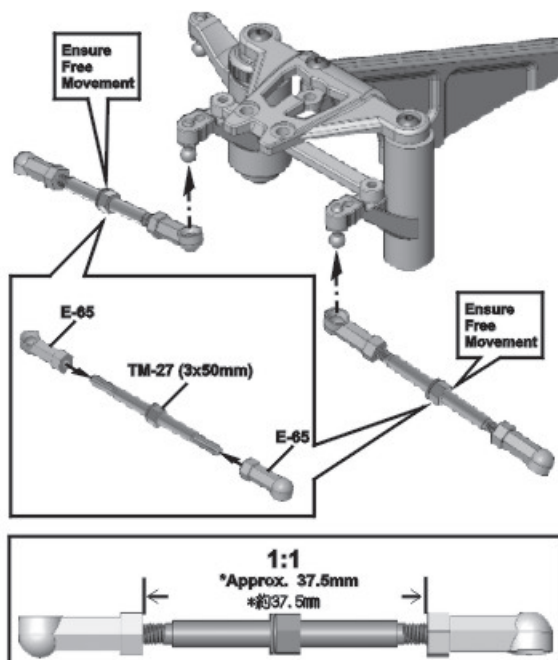
緩衝組及轉向拉桿組合



Step 1

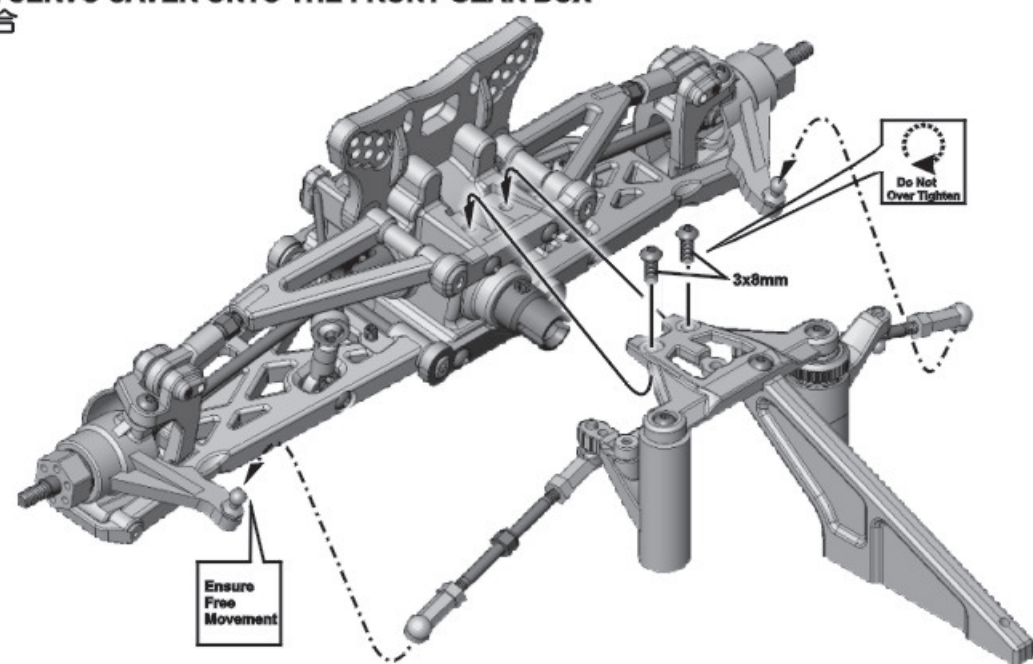


Step 2



15 ASSEMBLY OF THE SERVO SAVER ONTO THE FRONT GEAR BOX

緩衝組與前齒輪箱組合

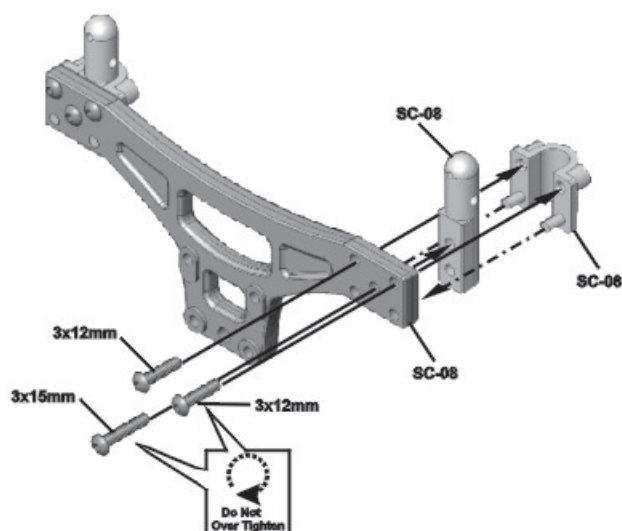


16 ASSEMBLY OF THE FRONT BODY POST 前車殼支柱組合

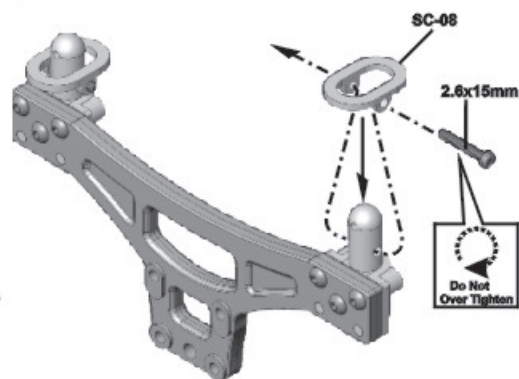
Assemble both right and left sides.
請組合左 / 右兩側。



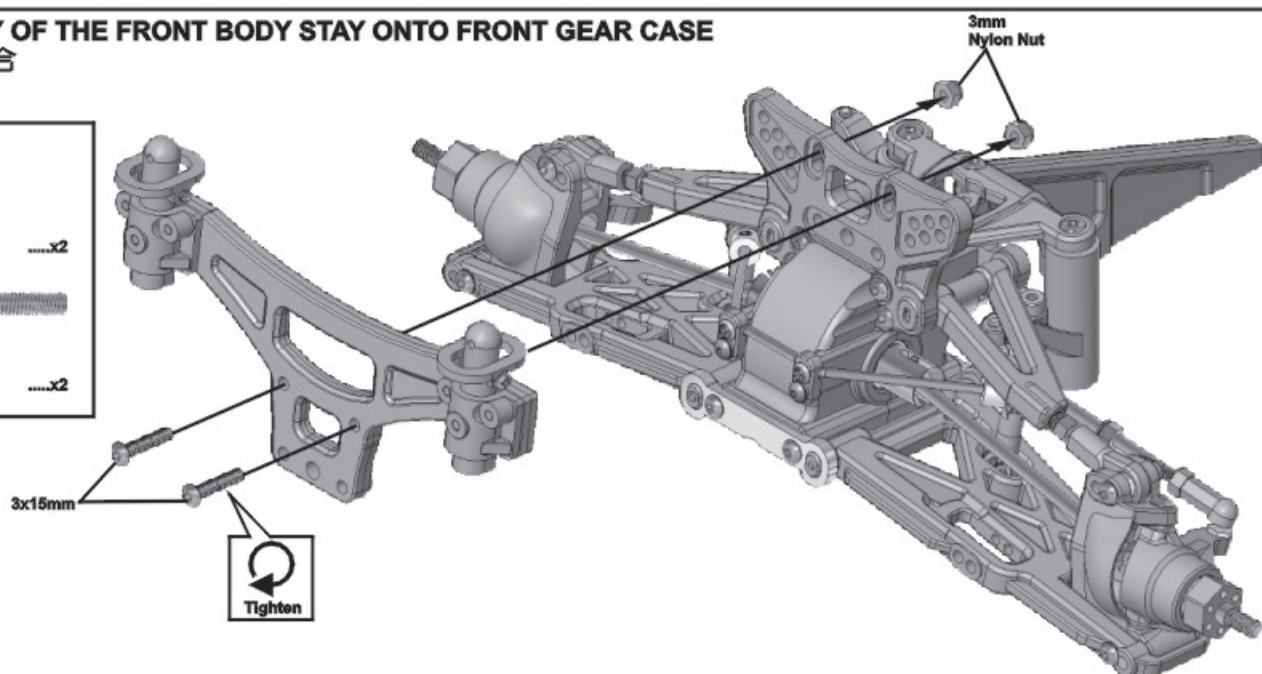
Step 1



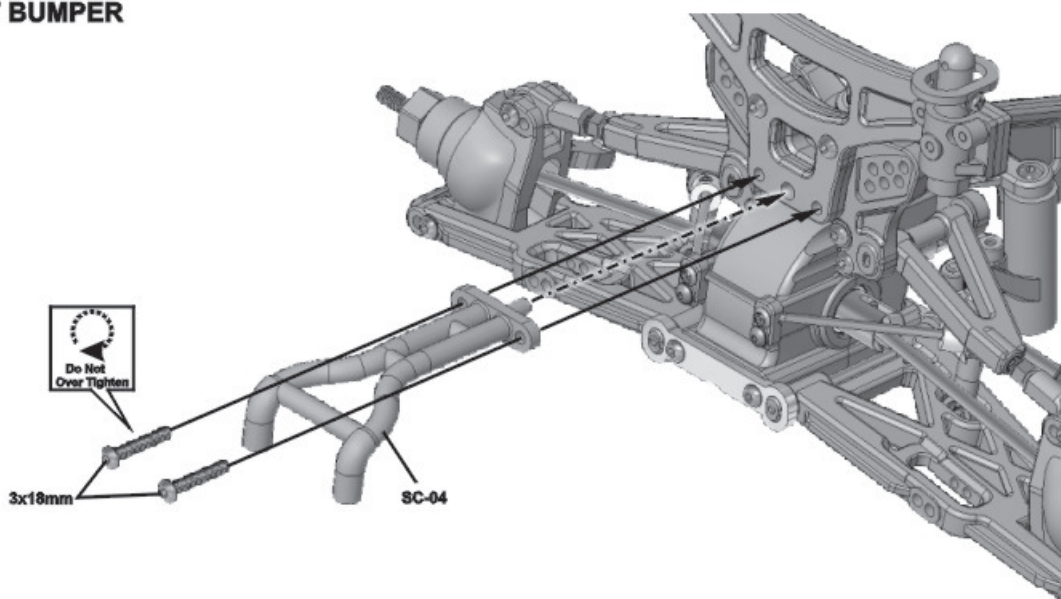
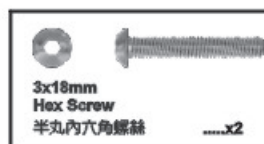
Step 2



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

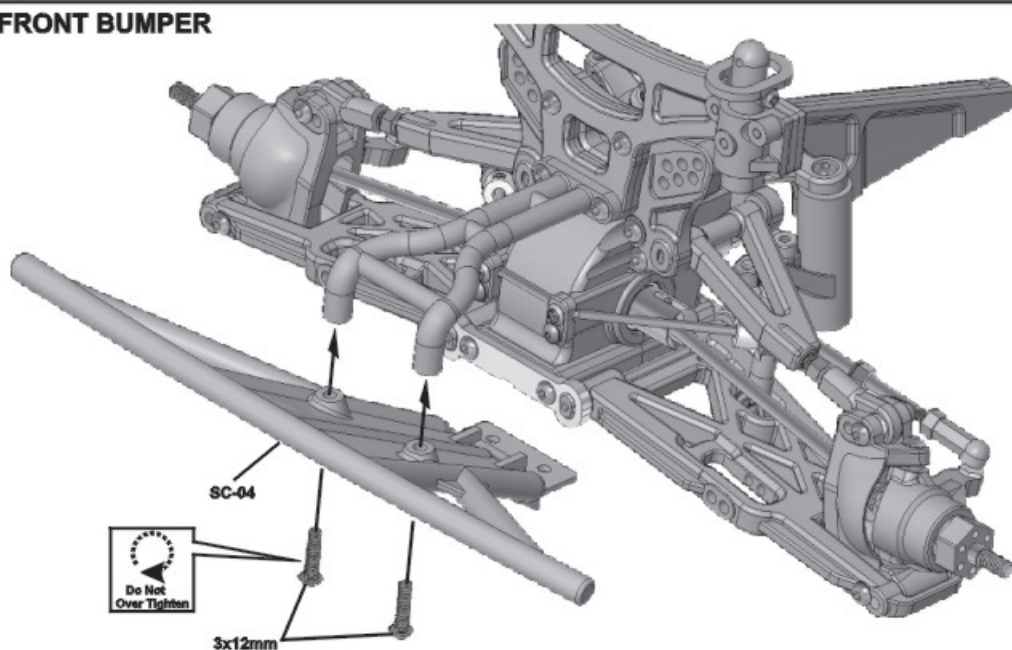


18 ASSEMBLY OF THE FRONT BUMPER 前防撞板組合



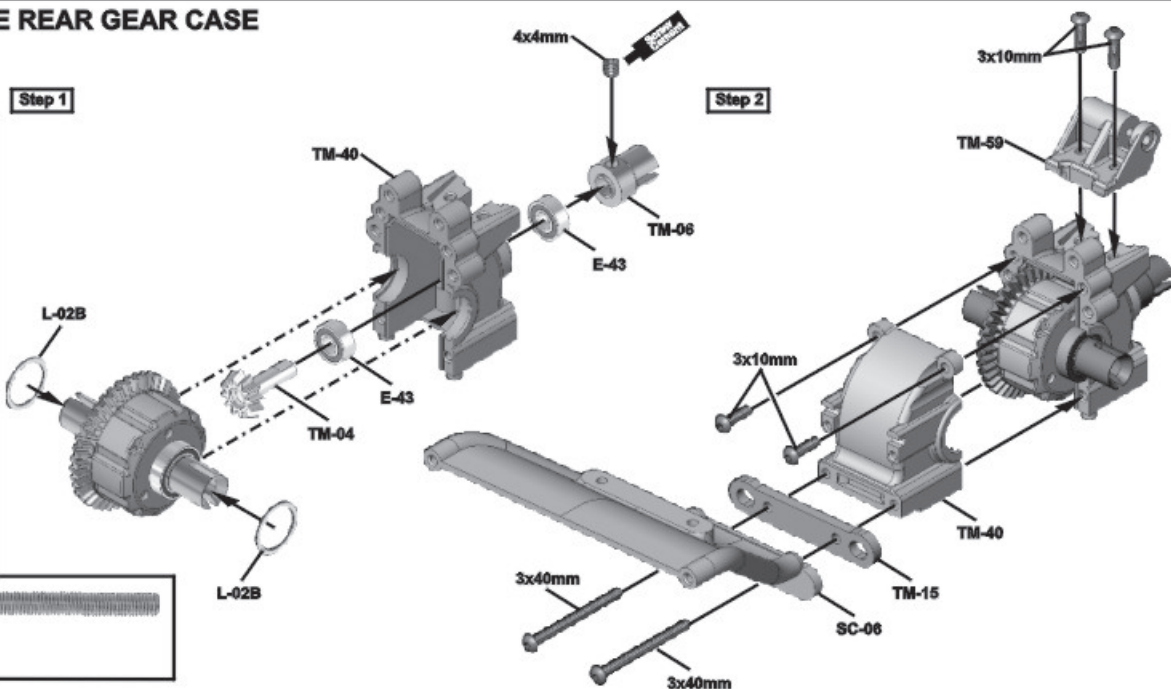
19 ASSEMBLY OF THE FRONT BUMPER

前防撞板組合



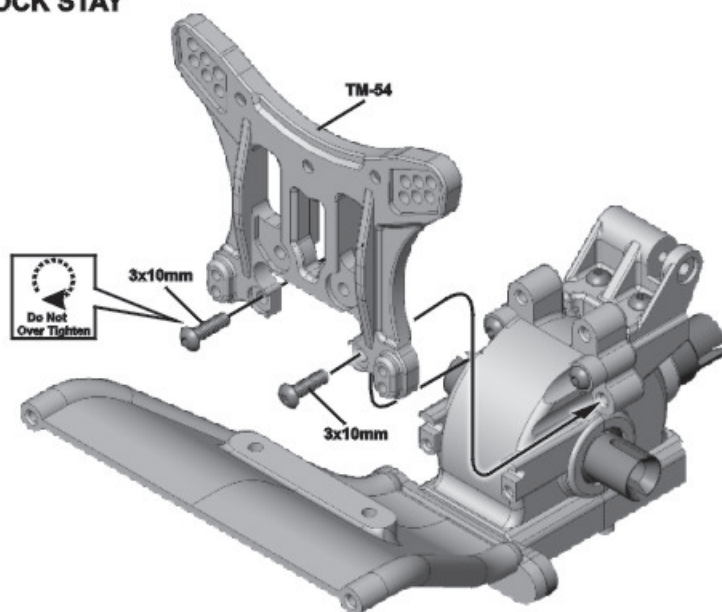
20 ASSEMBLY OF THE REAR GEAR CASE

後齒輪箱組合



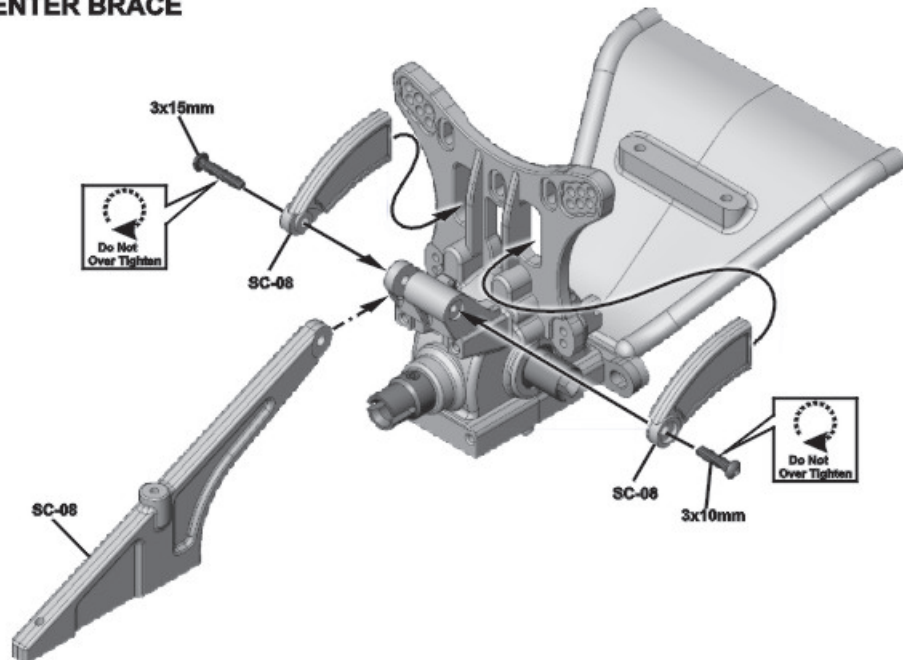
21 ASSEMBLY OF THE REAR SHOCK STAY

後油壓架組合



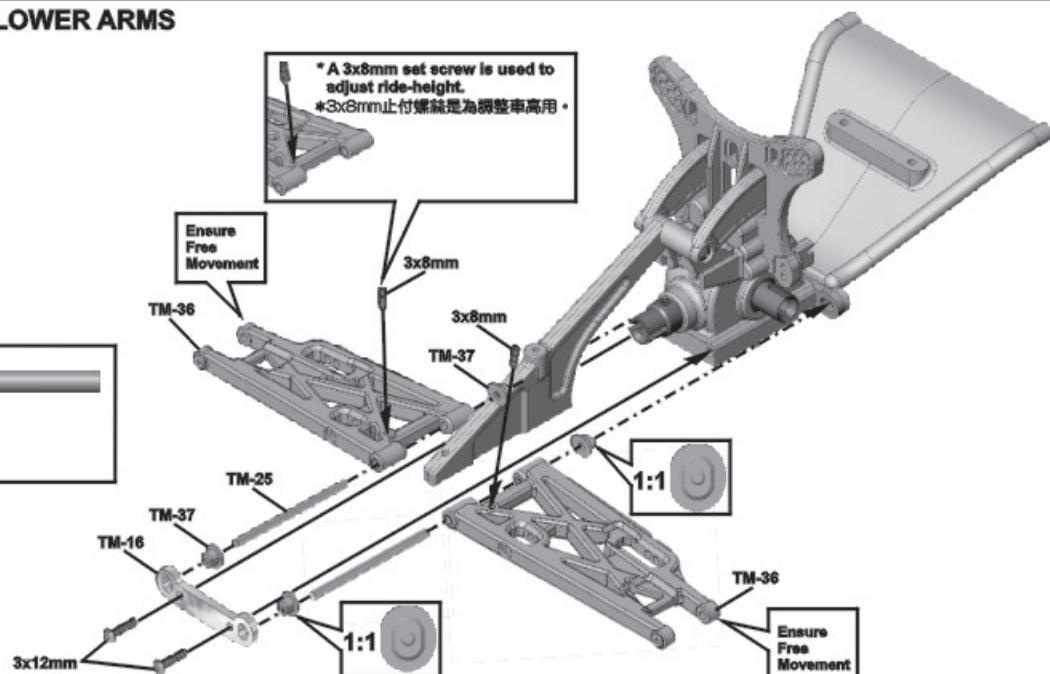
22 ASSEMBLY OF THE REAR CENTER BRACE

後中央補強桿組合



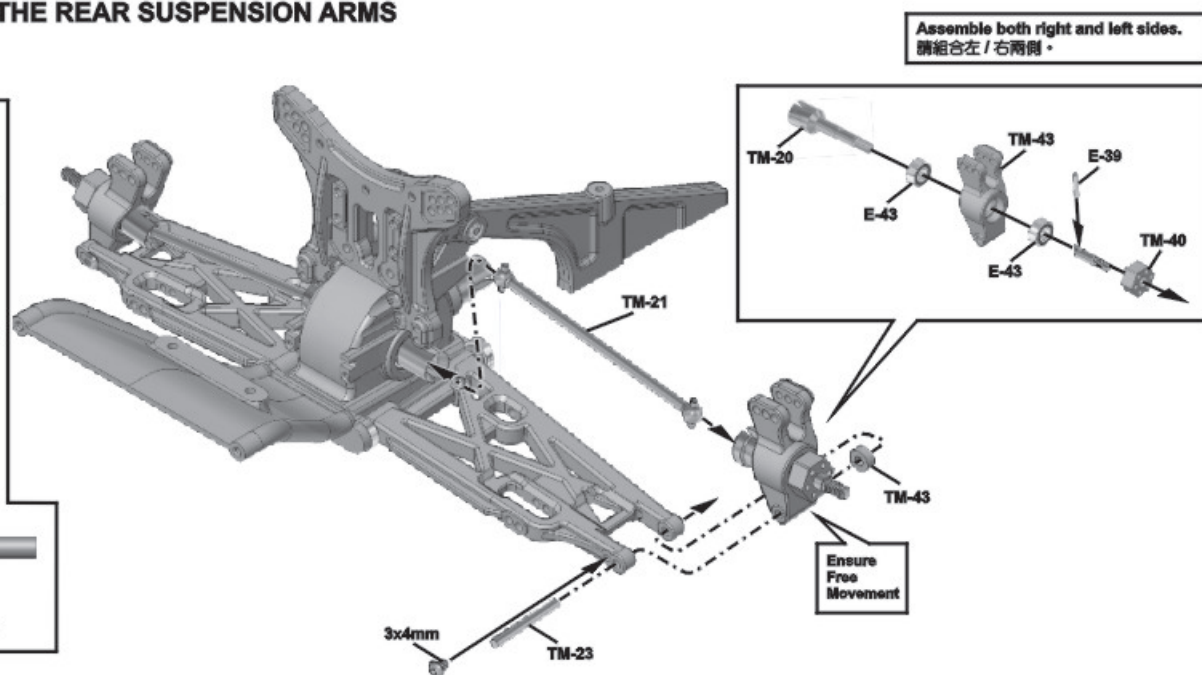
23 ASSEMBLY OF THE REAR LOWER ARMS

後下擺臂組合



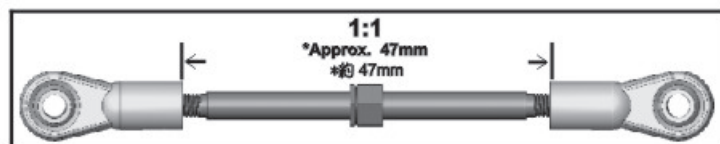
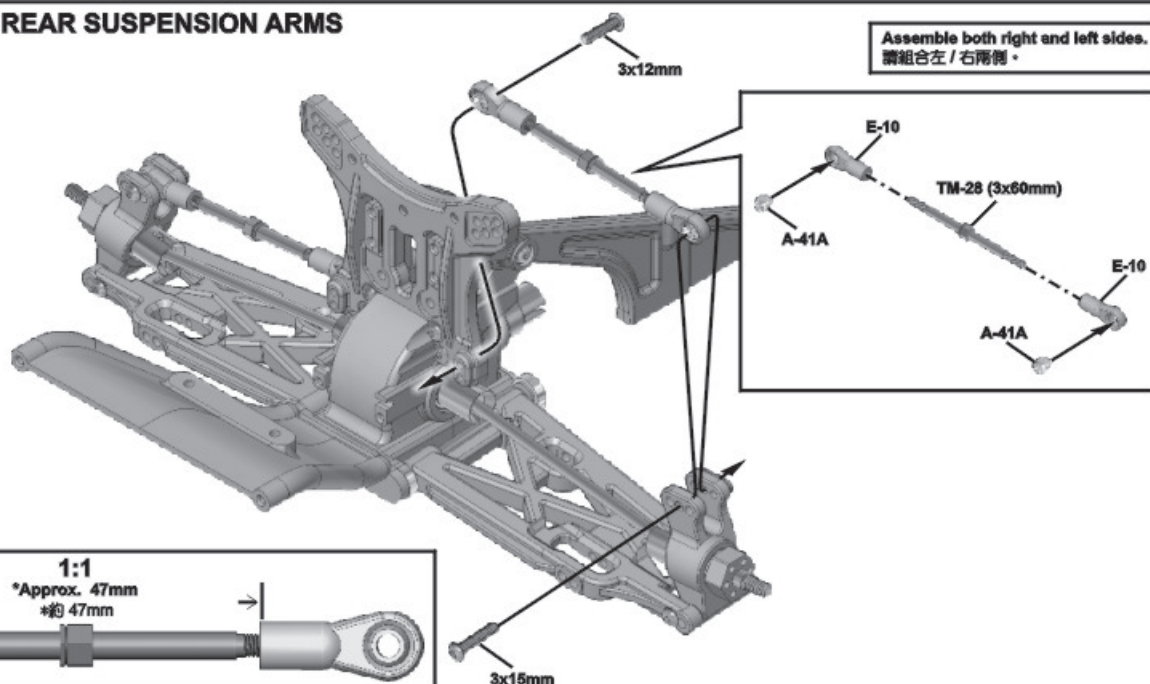
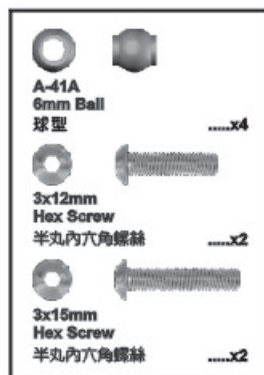
24 ASSEMBLY OF THE REAR SUSPENSION ARMS

後懸吊系統組合



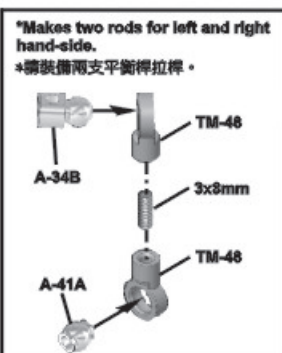
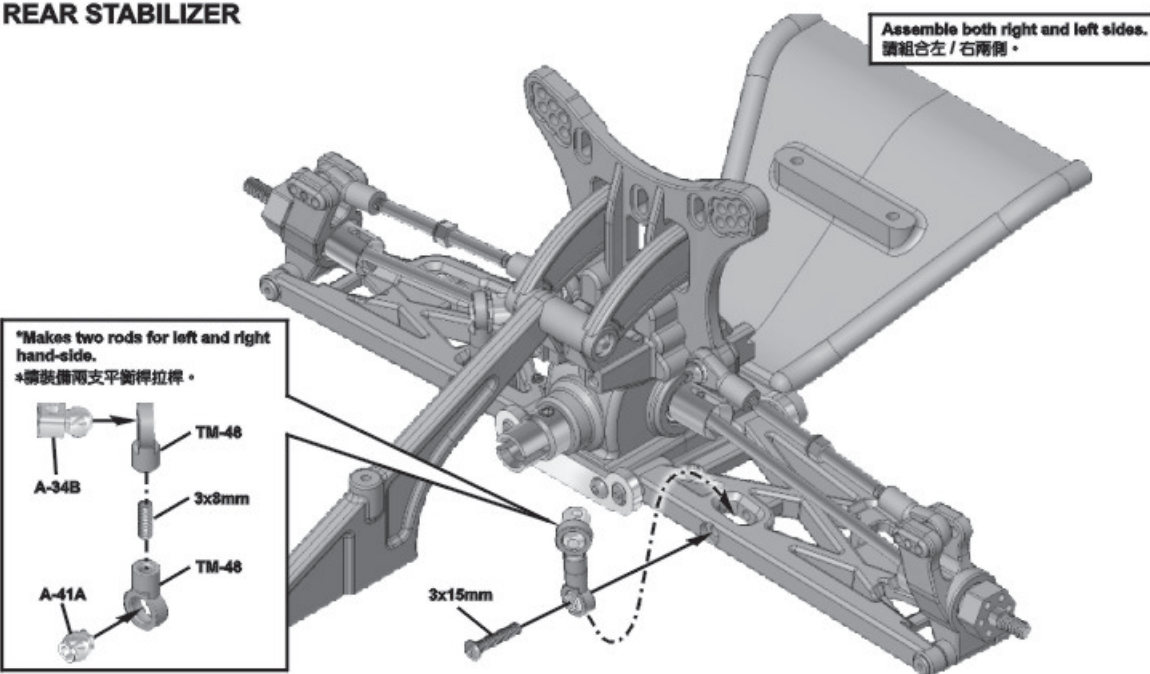
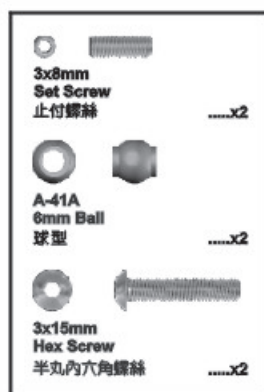
25 ASSEMBLY OF THE REAR SUSPENSION ARMS 後懸吊系統組合

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

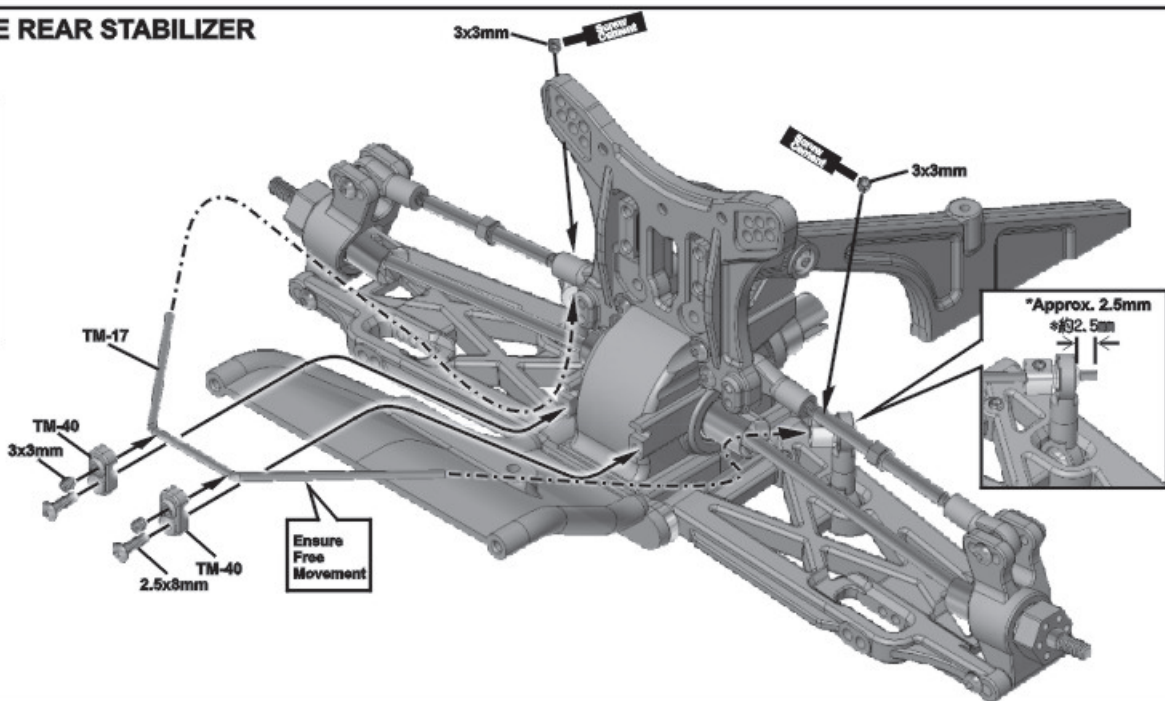


26 ASSEMBLY OF THE REAR STABILIZER 後平衡桿組合

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

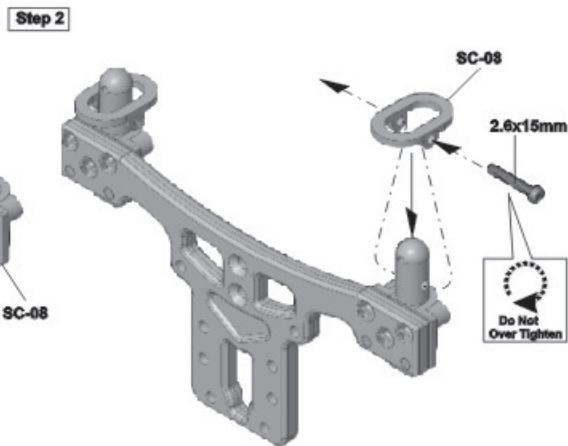
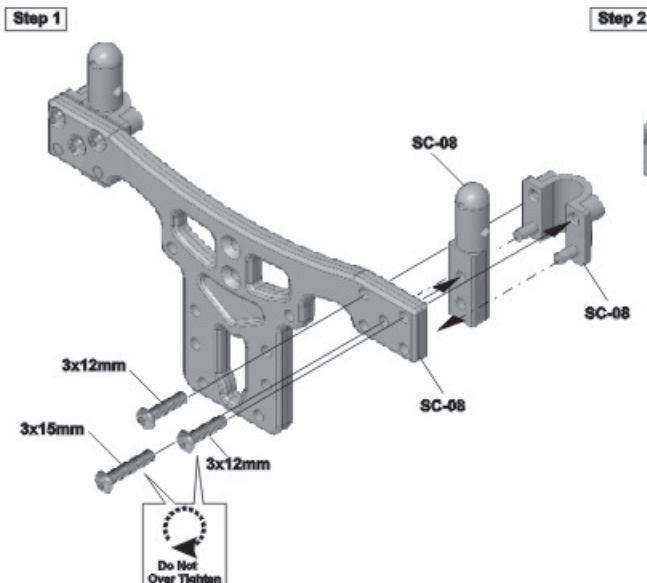


27 ASSEMBLY OF THE REAR STABILIZER 後平衡桿組合

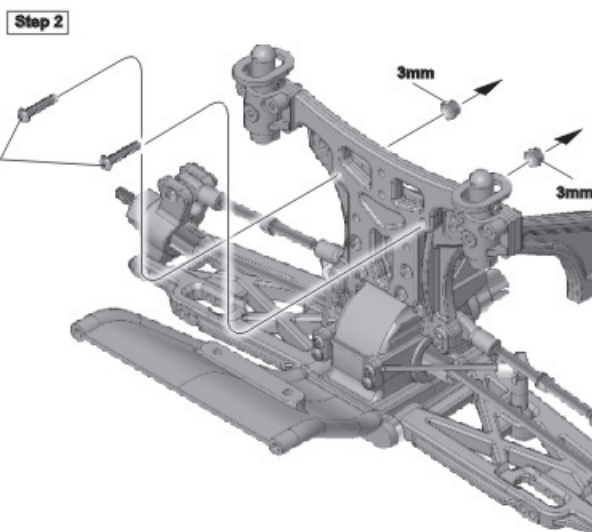
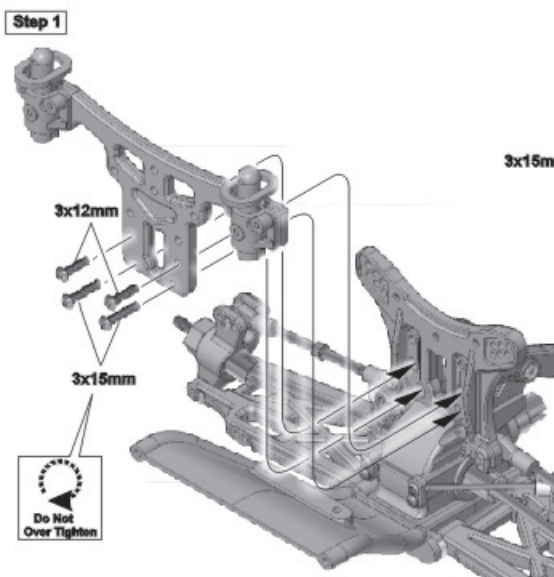


28 ASSEMBLY OF THE REAR BODY POST 後車殼支柱組合

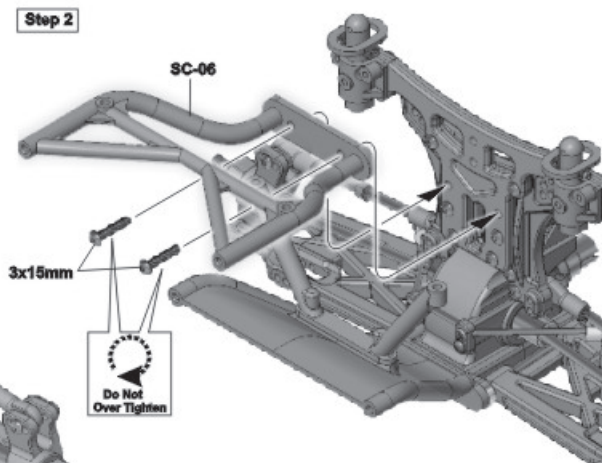
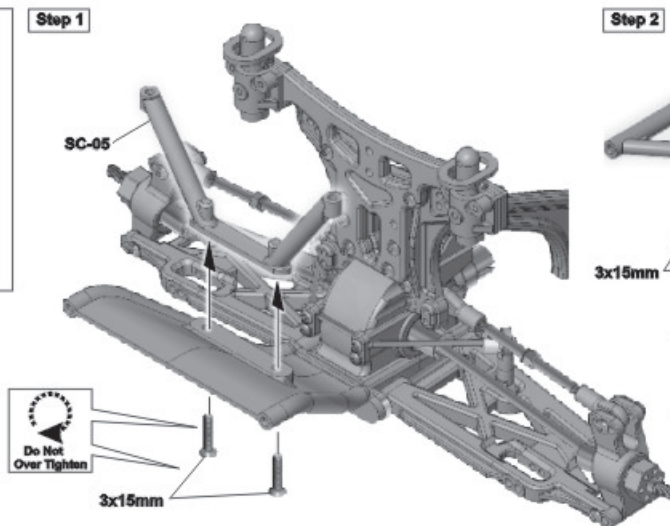
Assemble both right and left sides.
請組合左 / 右兩側。



29 ASSEMBLY OF THE REAR BODY STAY ONTO REAR GEAR CASE 後車殼架組合

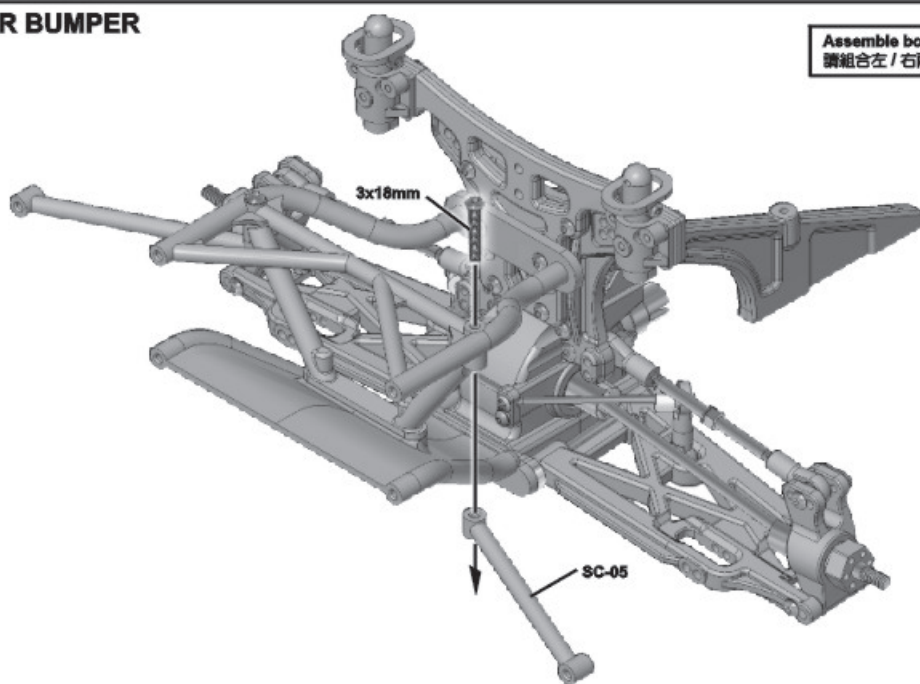


30 ASSEMBLY OF THE REAR BUMPER 後防撞板組合



31 ASSEMBLY OF THE REAR BUMPER 後防撞板組合

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

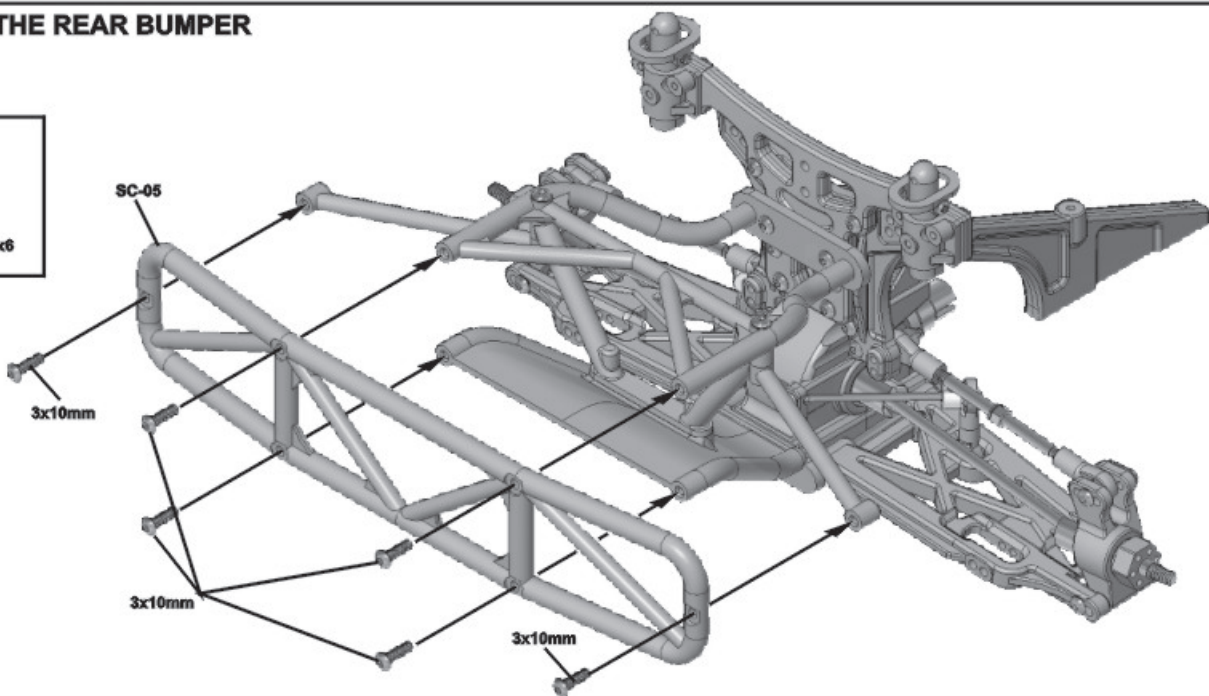


3x18mm
Hex Hex Screw
半丸內六角螺絲x2

32 ASSEMBLY OF THE REAR BUMPER 後防撞板組合



3x10mm
Hex Hex Screw
半丸內六角螺絲x6



33 MOTOR INSTALL 安裝馬達

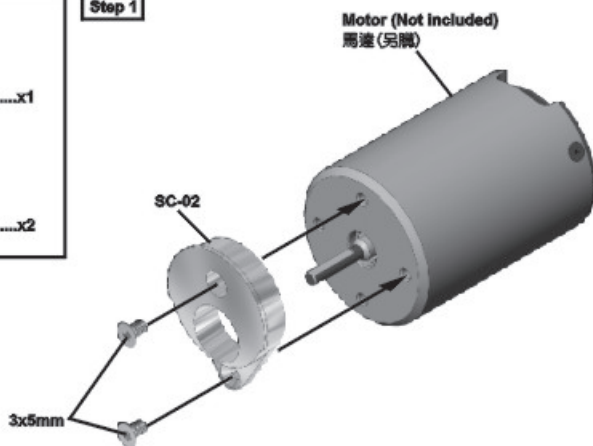


4x4mm
Set Screw
止付螺絲x1

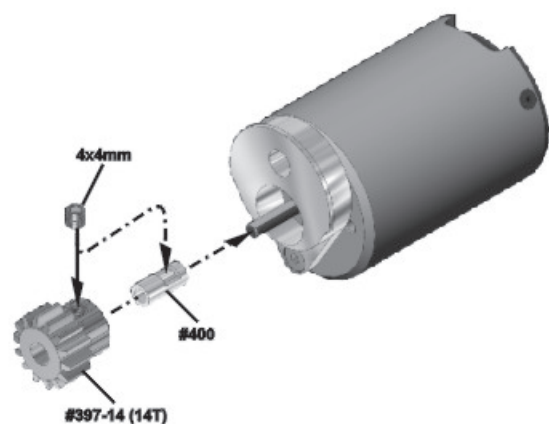


3x5mm
Flat Head Hex Screw
皿頭內六角螺絲x2

Step 1

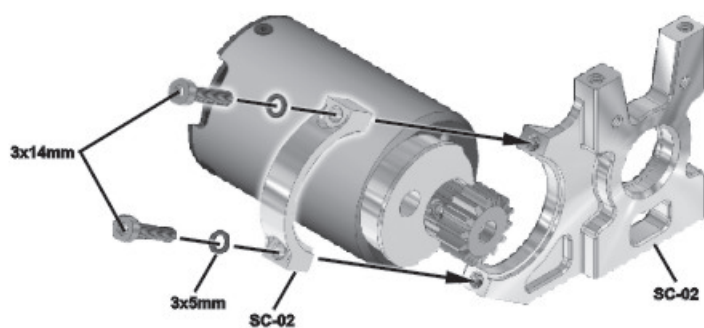


Step 2

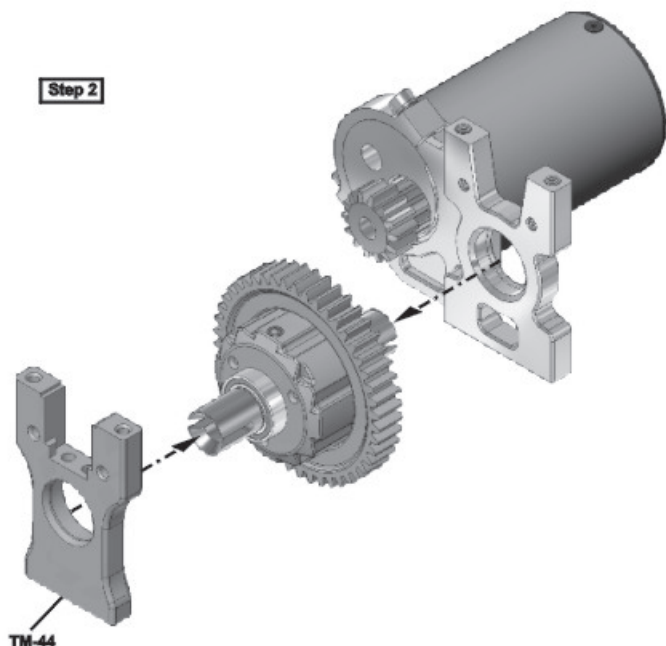


34 ASSEMBLY OF THE MOTOR MOUNT 中央差速器與馬達座組合

Step 1



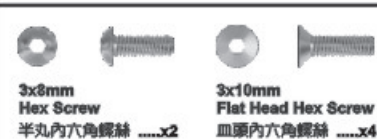
Step 2



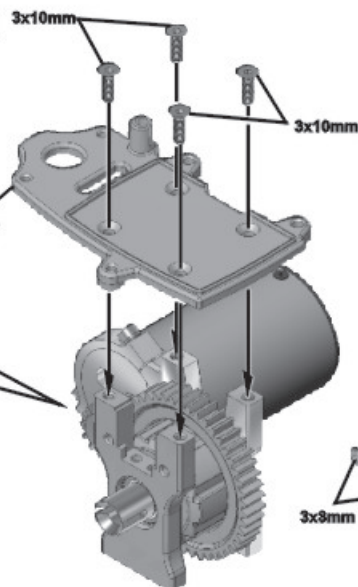
35 ASSEMBLY OF THE CENTER DIFF. PLATE 組合中差板與電子變速器板



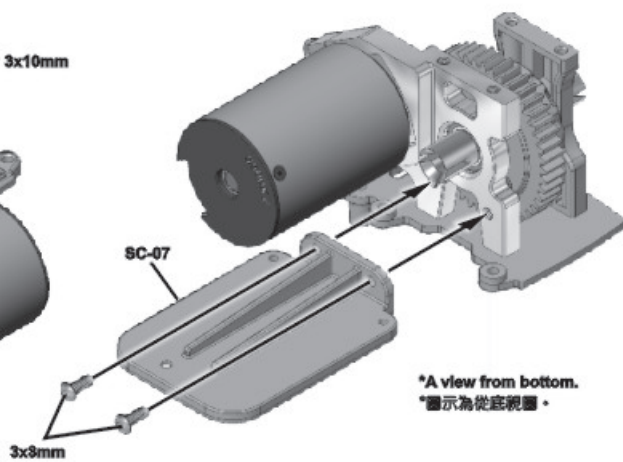
*Loose the 3x12mm screw and turn the motor in correct position.
*Use notebook paper to set gear backlash between spur gear and motor gear; apply pressure while tightening the 3x12mm screw and then pull out the paper.
*If the space is not correct, the spur gear will be damaged.
*鬆開3x12mm螺絲並旋轉馬達至正確位置。
*使用筆記本紙插入大直齒與馬達齒之間以調整齒輪間隙，然後上緊3x12mm螺絲。
*注意，齒輪間隙不正確將導致齒輪損壞。



Step 1

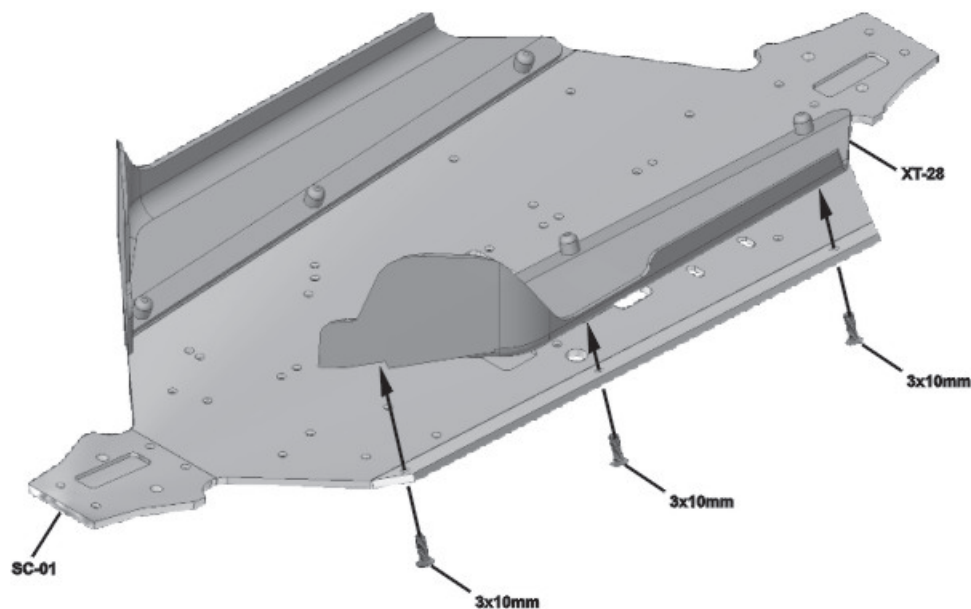


Step 2



36 ASSEMBLY OF THE STONE GUARD 防塵板組合

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

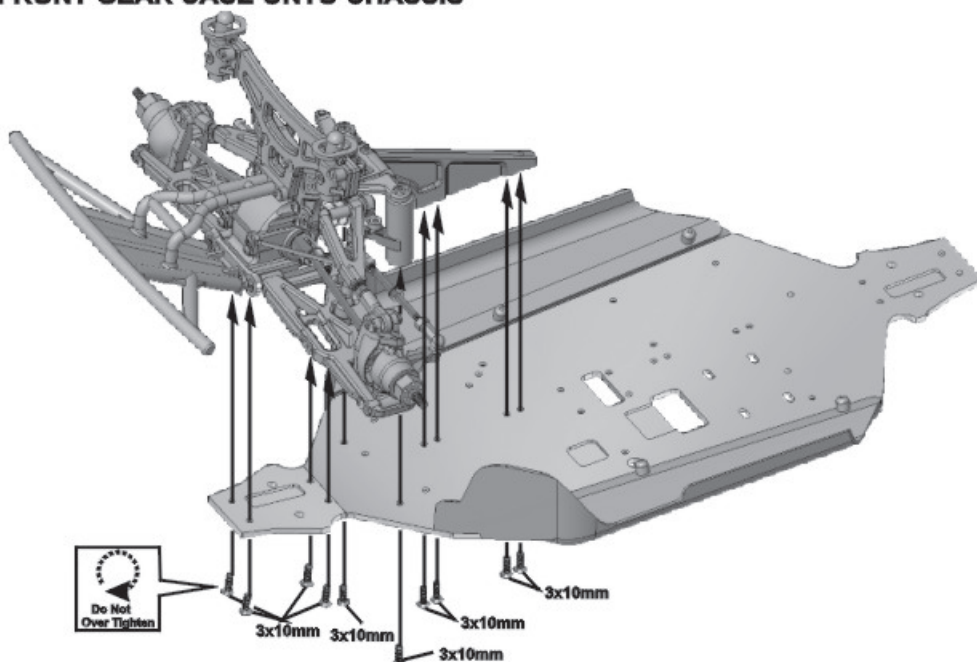


37 ASSEMBLY OF THE FRONT GEAR CASE ONTO CHASSIS

組合前齒輪箱至底盤



3x10mm
Flat Head Hex Screw
皿頭內六角螺絲x10



38 ASSEMBLY OF THE REAR GEAR CASE ONTO CHASSIS

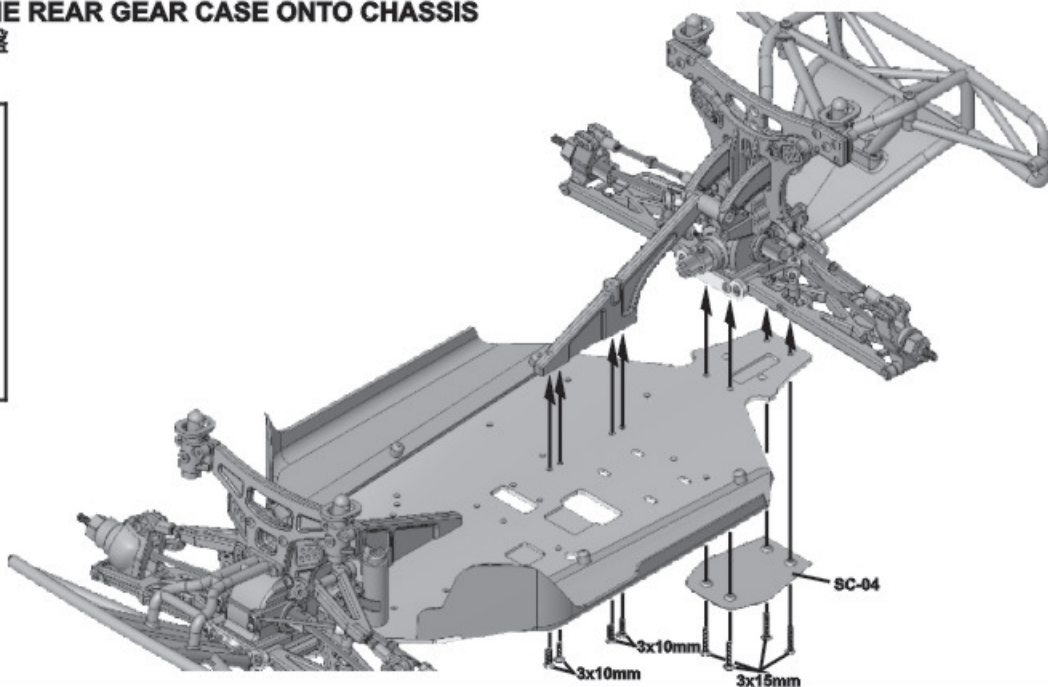
組合後齒輪箱至底盤



3x10mm
Flat Head Hex Screw
皿頭內六角螺絲x4



3x15mm
Flat Head Hex Screw
皿頭內六角螺絲x4



39 ASSEMBLY OF THE CENTER DIFF. ONTO CHASSIS

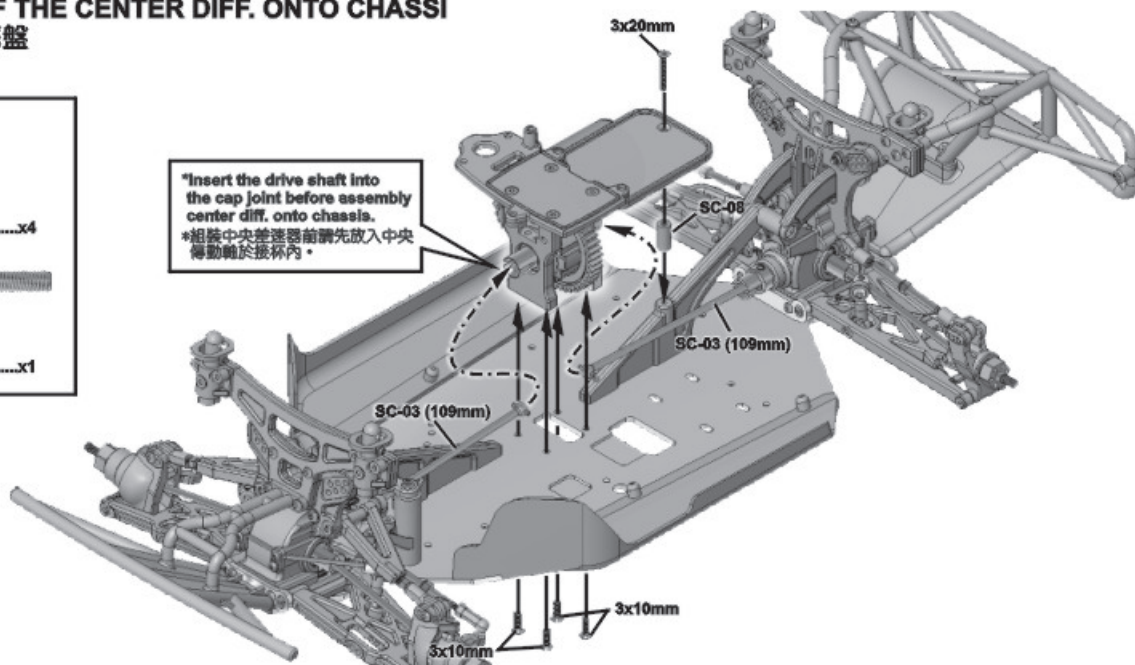
組合中差座至底盤



3x10mm
Flat Head Hex Screw
皿頭內六角螺絲x4

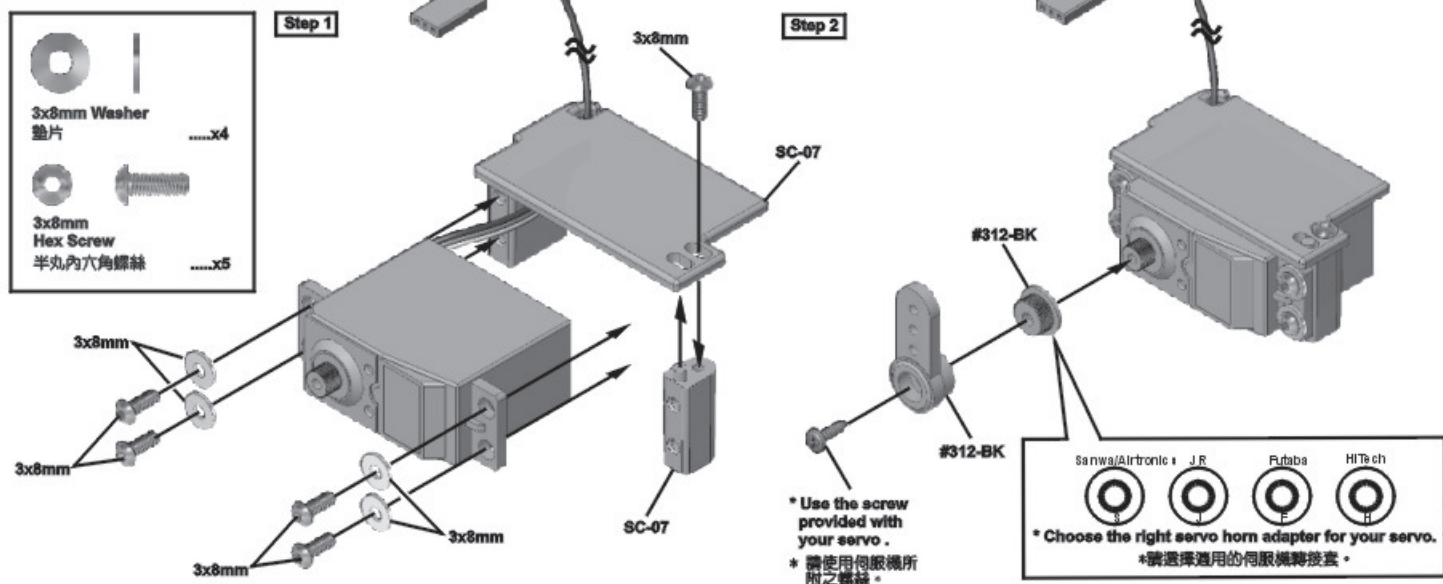


3x20mm
Flat Head Hex Screw
皿頭內六角螺絲x1



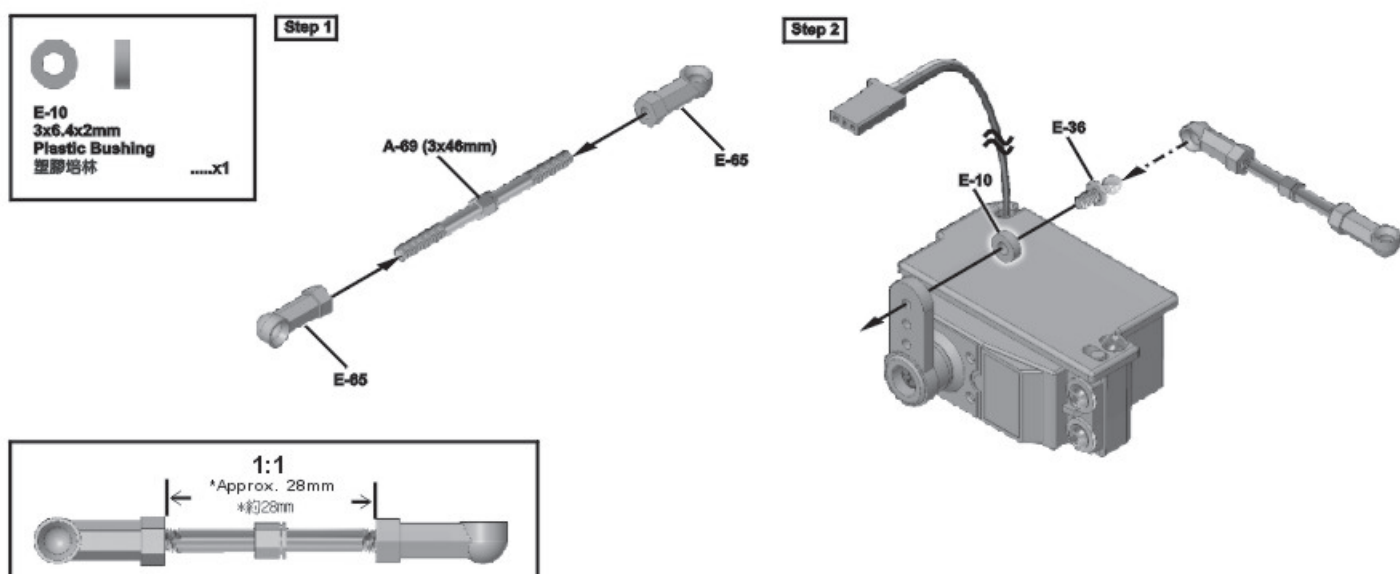
40 ASSEMBLY OF THE STEERING SERVO AND STEERING SERVO MOUNT

轉向伺服機與轉向伺服機座組合



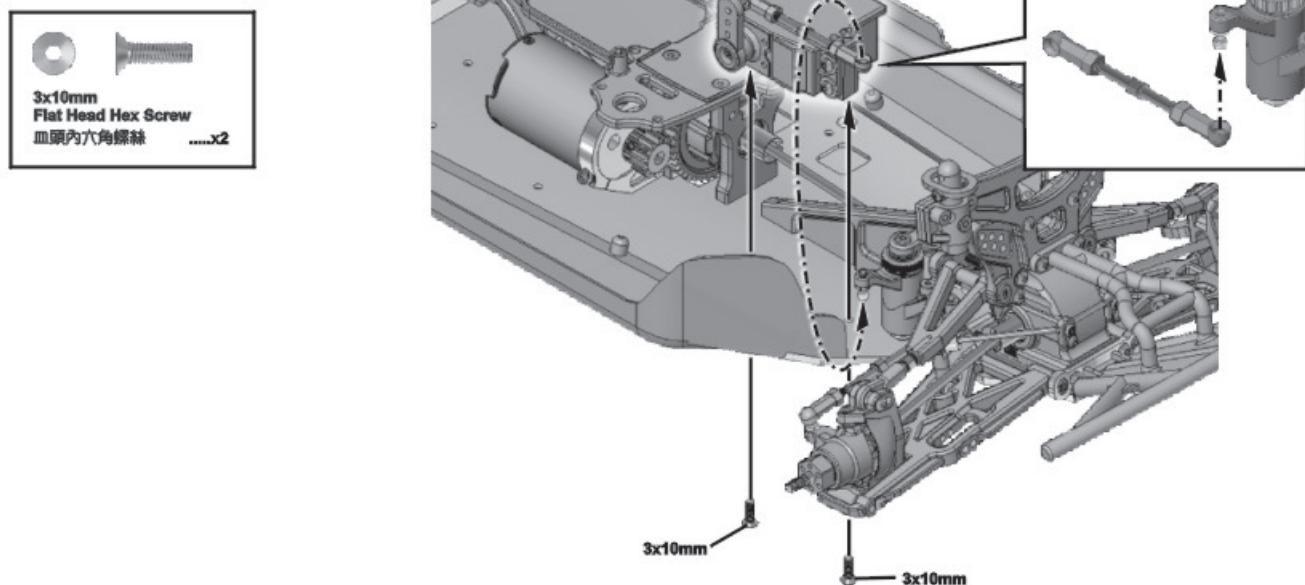
41 ASSEMBLY OF THE STEERING SERVO AND STEERING ROD

轉向伺服機與轉向拉桿組合



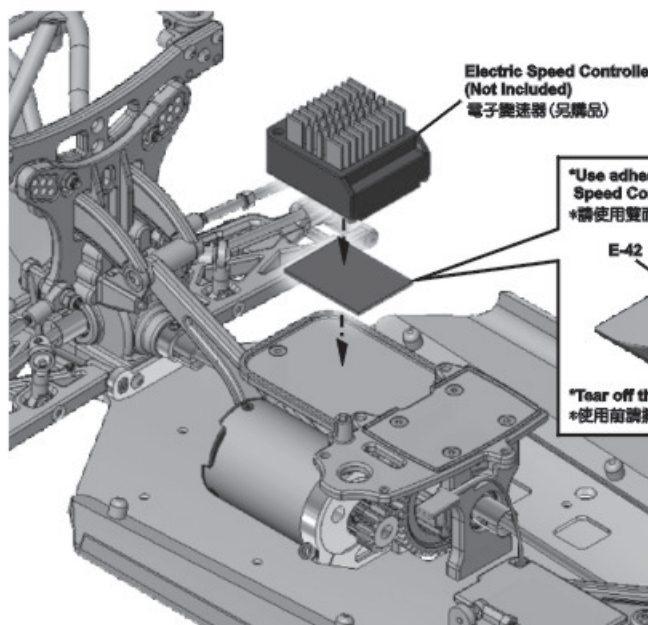
42 ASSEMBLY OF THE STEERING SERVO ONTO CHASSIS

組合轉向伺服機至底盤



43 ASSEMBLY OF THE ELECTRIC SPEED CONTROLLER ONTO CONTROLLER MOUNT

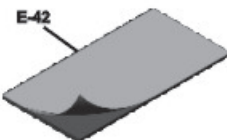
組合電子變速器至電子變速器板



Electric Speed Controller
(Not Included)
電子變速器 (另購品)

* Follow the manual to solder the wire of the speed controller.
* 請依照電子變速說明書來焊接電源線。

* Use adhesive tape to secure your Speed Controller.
* 請使用雙面膠帶接合電子變速器。



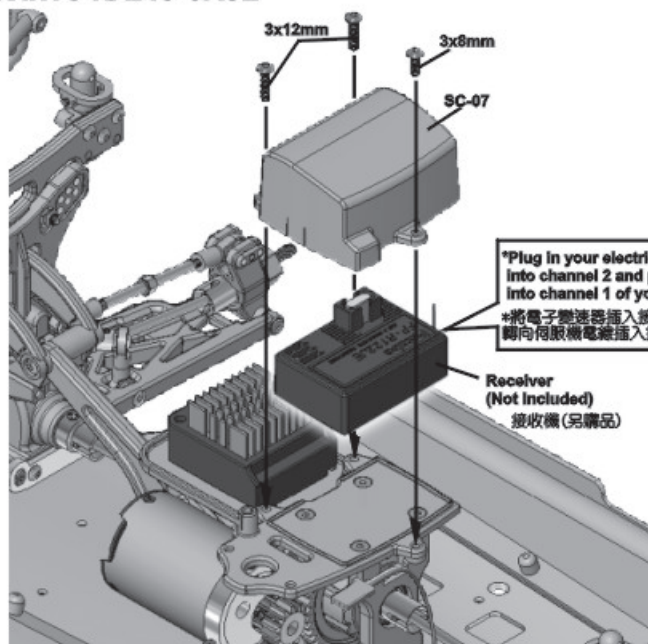
* Tear off the paper before use.
* 使用前請撕去雙面膠帶表面薄膜。

44 ASSEMBLY OF THE RECEIVER INTO RADIO CASE

組合接收機至接收機盒

* To assembly your person tansponder see page 21.

* 個人接收器組裝請見21頁。



3x12mm

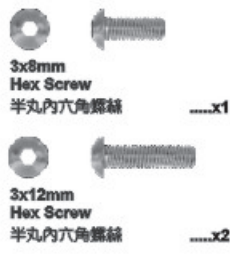
3x8mm

SC-07

* Plug in your electric speed controller wire into channel 2 and plug steering servo wire into channel 1 of your receiver.

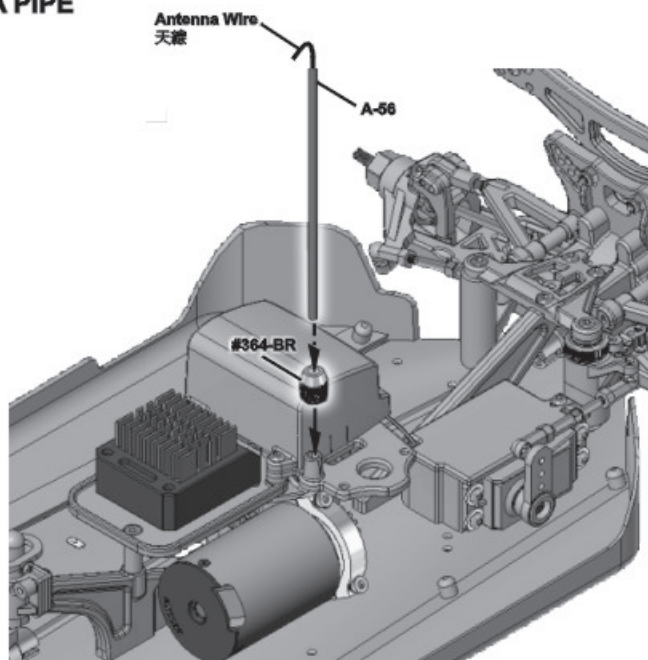
* 將電子變速器插入接收機第二頻道、並將轉向伺服機電線插入接收機中的第一頻道。

Receiver
(Not Included)
接收機 (另購品)



45 ASSEMBLY OF THE ANTENNA PIPE

組合天線管

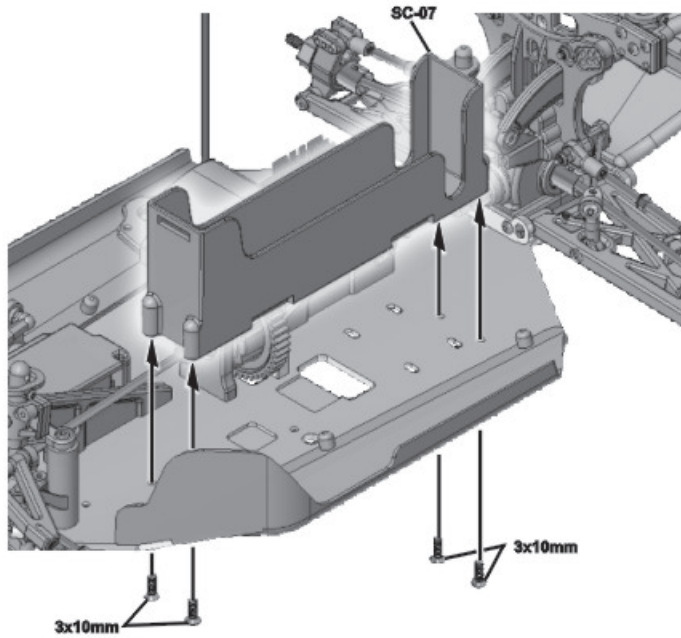


Antenna Wire
天線

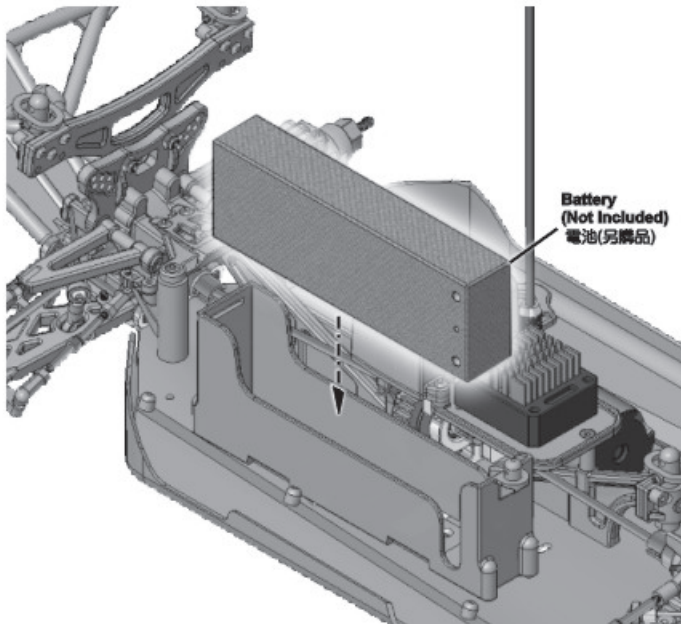
A-56

#364-BR

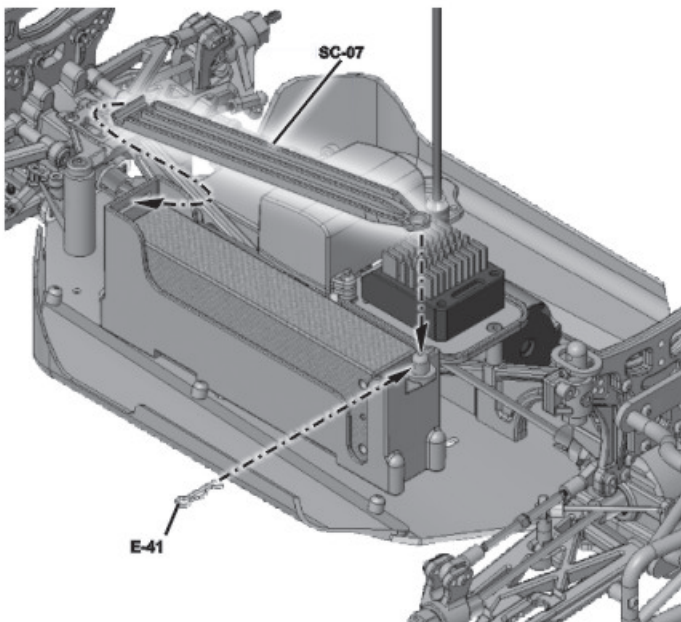
46 ASSEMBLY OF THE BATTERY CASE ONTO CHASSIS
組合電池盒至底盤



47 BATTERY INSTALL
安裝電池



48 BATTERY INSTALL
安裝電池



49 ASSEMBLY OF THE FRONT SHOCKS *Assemble 2 sets for front.

前避震器組合

*請組合 2 支前面用。

CORRECT SHOCK ASSEMBLY 油壓避震器正確組合

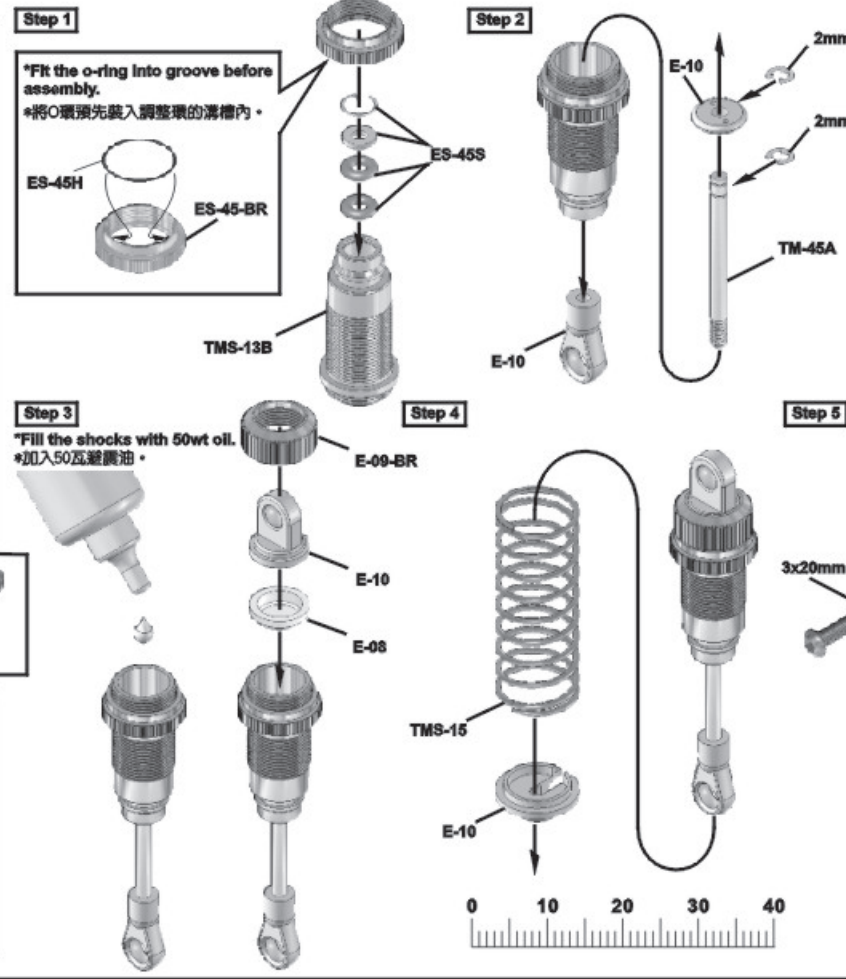
*Carefully screw the shock shaft into the bottom of the plastic ball until the distance between the ball end and the shock body is 18mm for the front.
*N.B. Do not over tighten as the plastic ball will strip.

*請小心組合避震器塑膠球頭，並鎖入至塑膠球頭底部，並保持前油壓避震器球頭與避震器管身距離為18mm。
*請勿將塑膠球頭鎖過緊，以免滑牙。



- ES-45S C-Ring C扣環x2
- ES-45S Washer (Black) 黑色墊片x2
- ES-45S P3 O-Ring P3 O環x4
- A-41A 6mm Ball 球型x2
- 3x20mm Hex Screw 半丸內六角螺絲x2

1. Pull down piston and pour oil into shock cylinder.
 2. Remove air bubbles by slowly moving piston up and down.
 3. Pull down piston, attach pressure top and shock oil overflow with tissue paper.
1. 拉下活塞到底部並注入避震油。
2. 輕微上下拉動活塞以使氣泡消失。
3. 拉下活塞並放入氣室，用棉紙擦拭溢出的避震油。



50 ASSEMBLY OF THE REAR SHOCKS *Assemble 2 sets for rear.

後避震器組合

*請組合 2 支後面用。

CORRECT SHOCK ASSEMBLY 油壓避震器正確組合

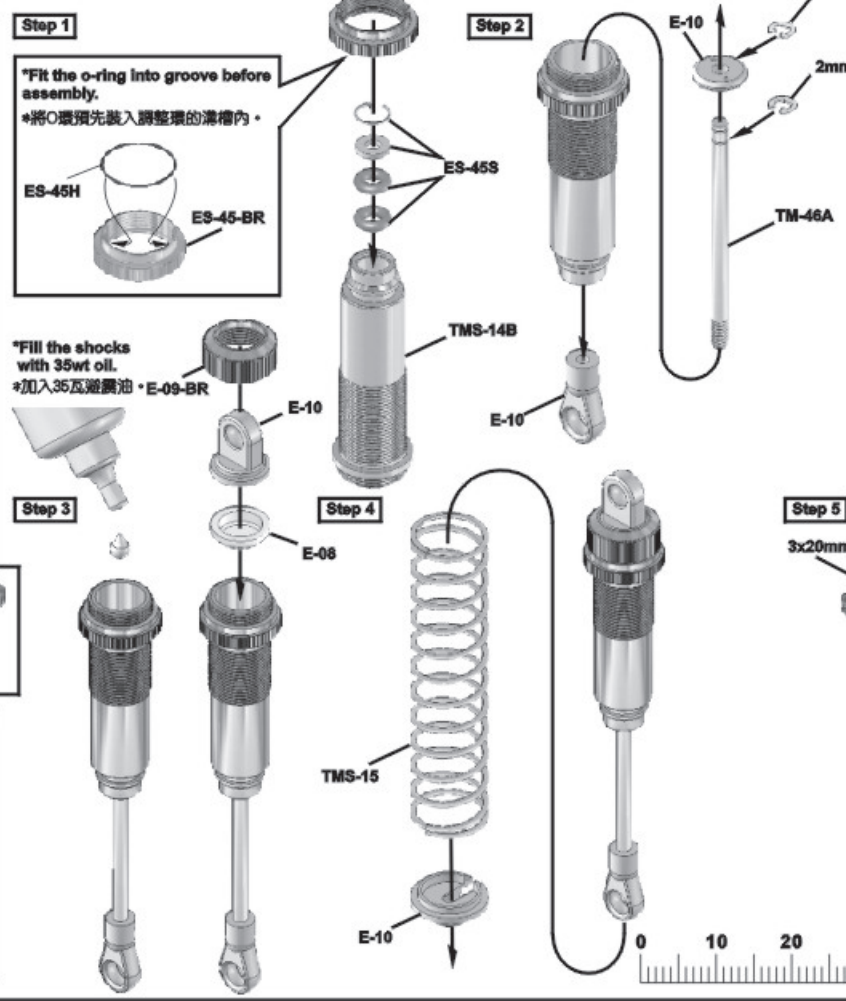
*Carefully screw the shock shaft into the bottom of the plastic ball until the distance between the ball end and the shock body is 32mm for the front.
*N.B. Do not over tighten as the plastic ball will strip.

*請小心組合避震器塑膠球頭，並鎖入至塑膠球頭底部，並保持前油壓避震器球頭與避震器管身距離為32mm。
*請勿將塑膠球頭鎖過緊，以免滑牙。

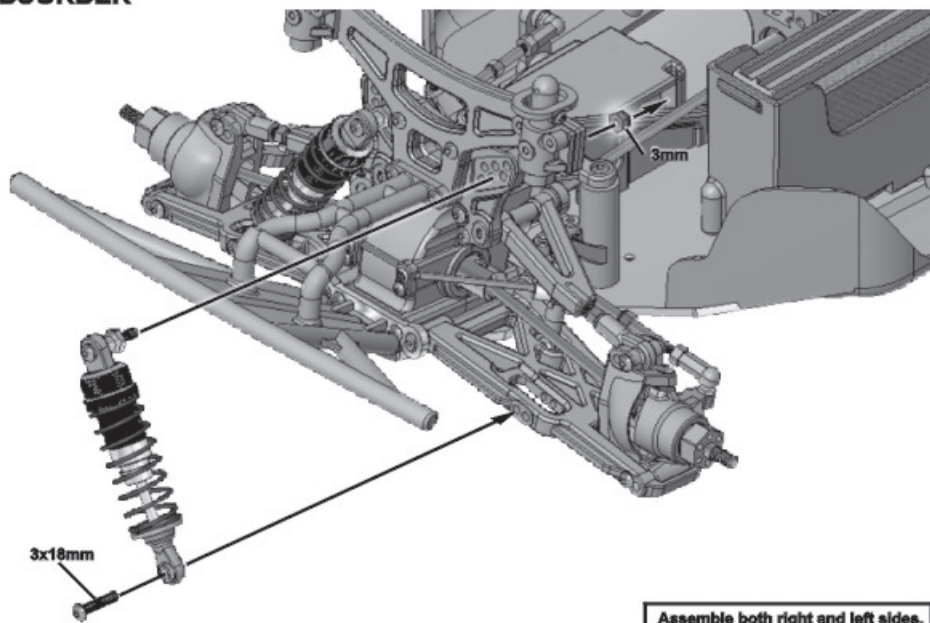


- ES-45S C-Ring C扣環x2
- ES-45S Washer (Black) 黑色墊片x2
- ES-45S P3 O-Ring P3 O環x4
- A-41A 6mm Ball 球型x2
- 3x20mm Hex Screw 半丸內六角螺絲x2

1. Pull down piston and pour oil into shock cylinder.
 2. Remove air bubbles by slowly moving piston up and down.
 3. Pull down piston, attach pressure top and shock oil overflow with tissue paper.
1. 拉下活塞到底部並注入避震油。
2. 輕微上下拉動活塞以使氣泡消失。
3. 拉下活塞並放入氣室，用棉紙擦拭溢出的避震油。

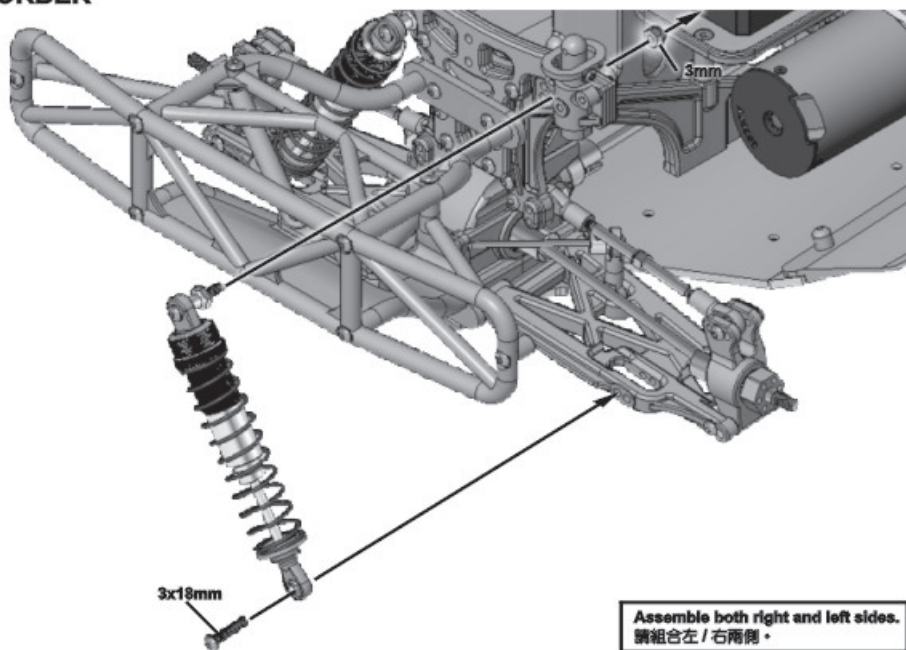


51 ASSEMBLY OF THE FRONT SHOCK ABSORBER 前避震器與油壓架組合



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

52 ASSEMBLY OF THE REAR SHOCK ABSORBER 後避震器與油壓架組合

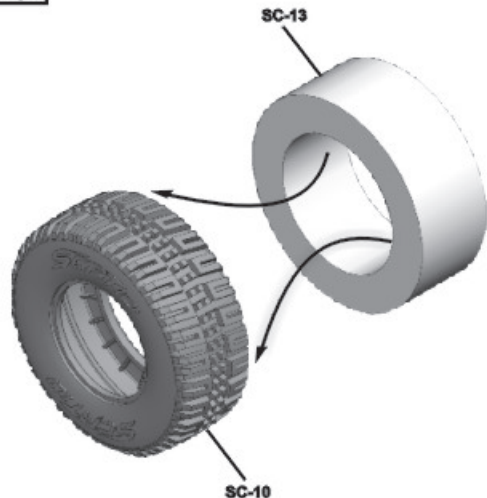


Assemble both right and left sides.
請組合左 / 右兩側。

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

*Make four tires that are the same.
*請組合4個輪胎。

Step 1



Step 2



Step 3

*Pull back the tire bead slightly and spot glue in six spots as shown. When dry, glue the rest of the wheel between the spots. Repeat the procedure on the other side of the wheel until fully glued.

請在輪圈與輪胎接合處用“瞬間膠水”黏合。並等其乾固之後再黏合另外一面。請確定輪胎與輪圈正確黏合，以避免脫落。

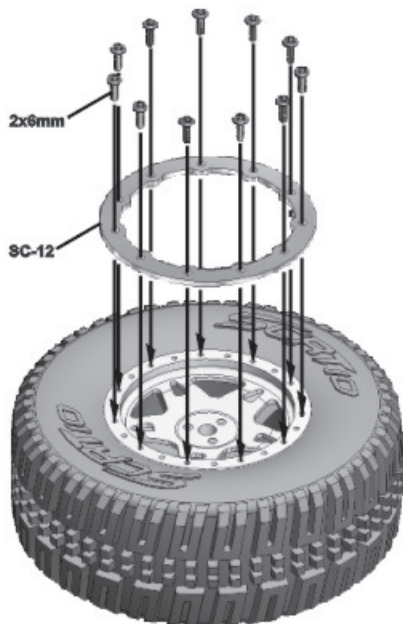


54 ASSEMBLY OF THE WHEEL BEAD LOCKS

輪框飾板組合

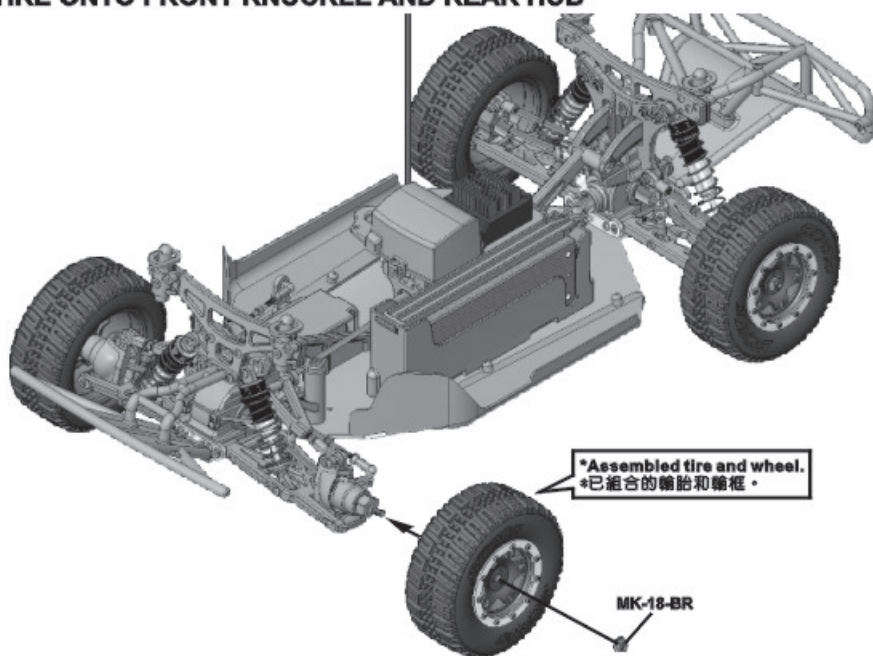
*Make four tires that are the same.

*請組合4個輪胎。



55 ASSEMBLY OF THE TIRE ONTO FRONT KNUCKLE AND REAR HUB

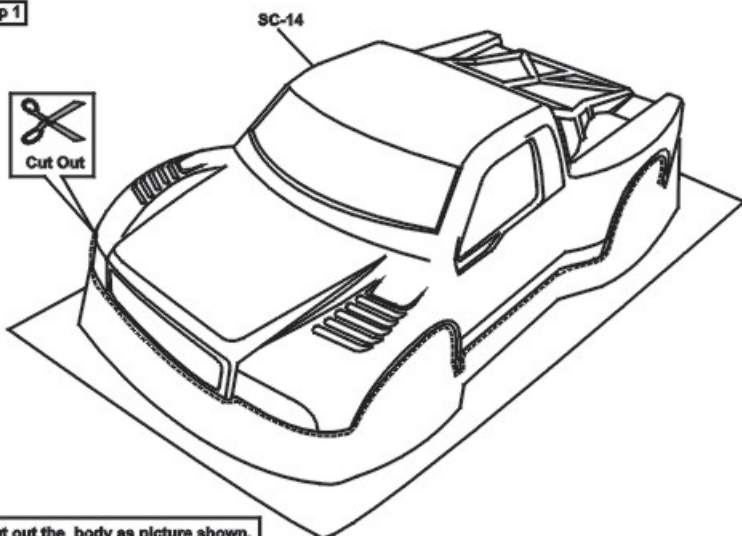
安裝輪胎至車體



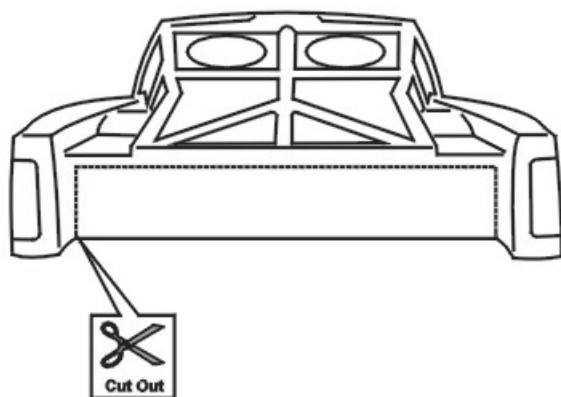
56 ASSEMBLY OF THE BODY

車殼剪裁

Step 1



Step 2



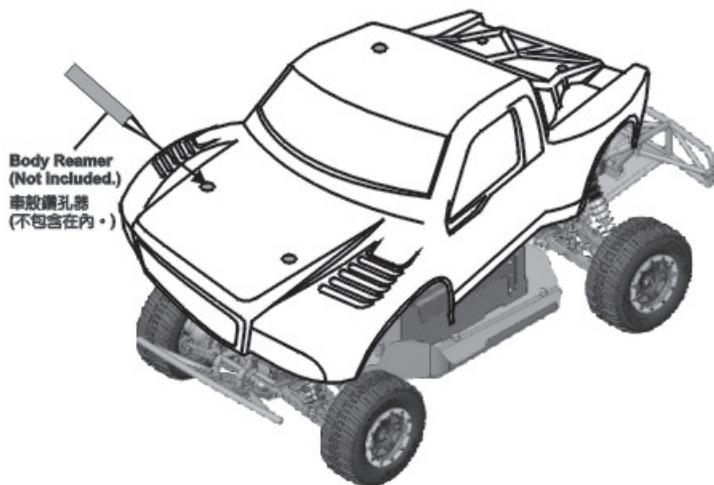
*Cut out the body as picture shown.
*請依圖示剪裁車殼。

57 ASSEMBLY OF THE BODY

車殼剪裁

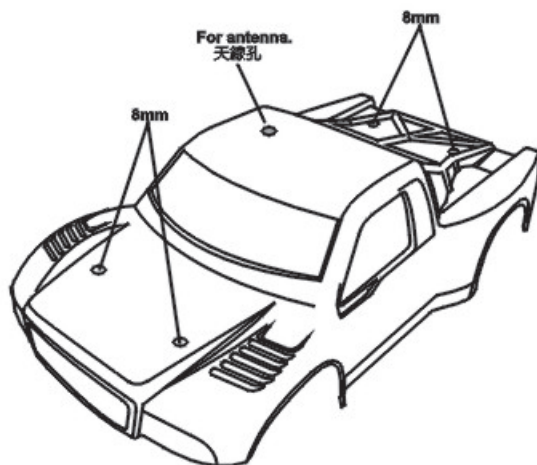
Step 1

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



Step 2

*Use body reamer or drill to make two 8mm holes in the front and two 8mm holes in the rear.
*用車殼鑽孔器或鑽尾挖出8mm孔以安裝車殼支柱用。



58 BODY PAINTING

車殼塗裝

Step 1

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



Step 2

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



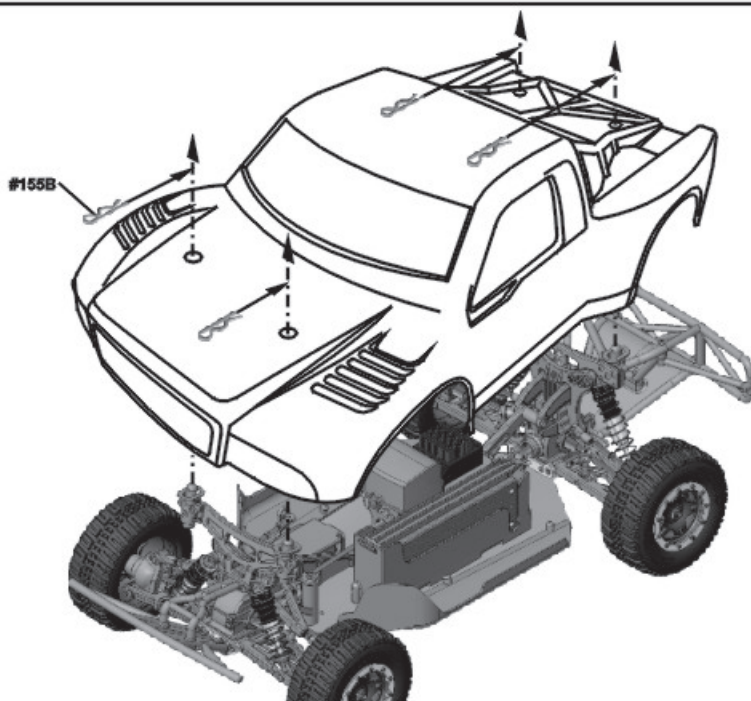
Step 3

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



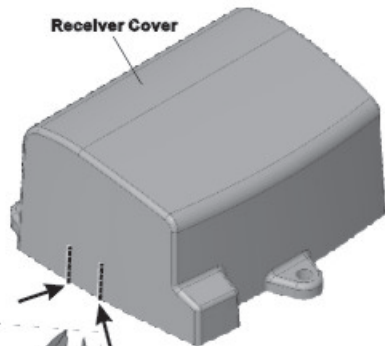
59 MOUNTING BODY

組合車殼

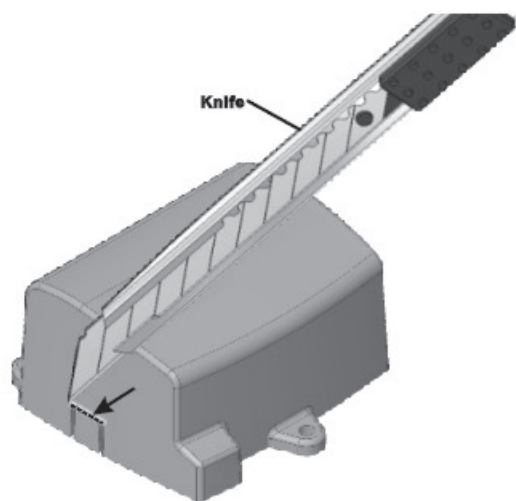


CUT THE RADIO CASE

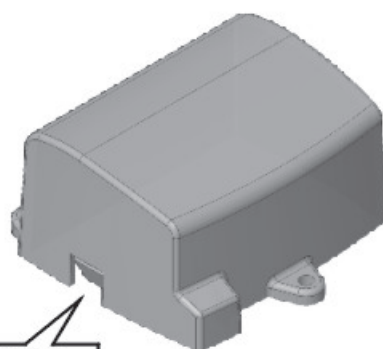
Step 1



Step 2



Step 3

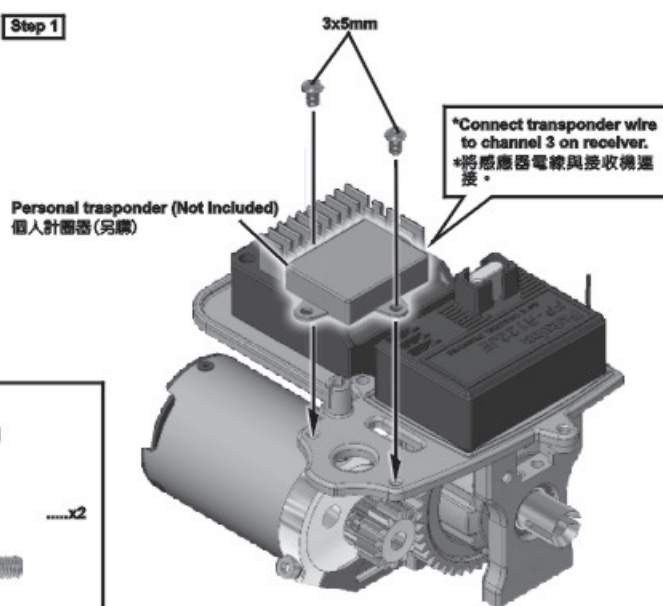


*Bend the cut part and tear off as picture shown.
*向內折彎裁切的外殼部份並將其折斷。

ASSEMBLY OF THE TRANSPONDER

感應器組裝

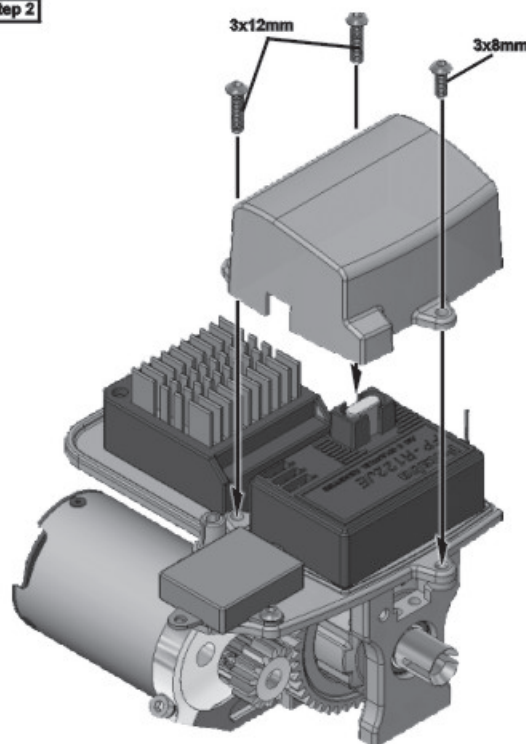
Step 1



Personal transponder (Not Included)
個人計器器 (另購)

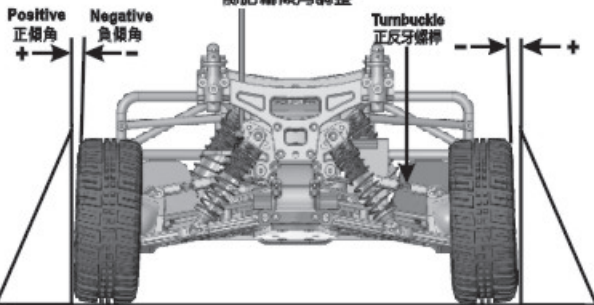
*Connect transponder wire to channel 3 on receiver.
*將感應器電線與接收機連接。

Step 2



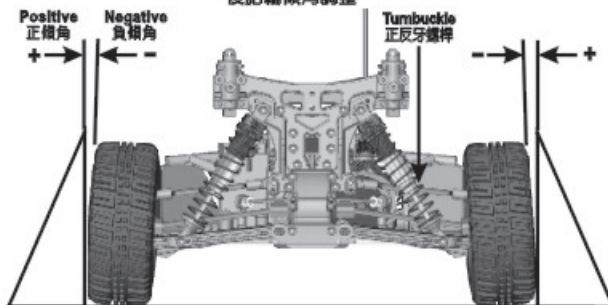
- | | | |
|--|--------------------------------|---------|
| | 3x5mm
Hex Screw
半孔內六角螺絲 |x2 |
| | 3x8mm
Hex Screw
半孔內六角螺絲 |x1 |
| | 3x12mm
Hex Screw
半孔內六角螺絲 |x2 |

FRONT CAMBER ANGLE SETTING



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

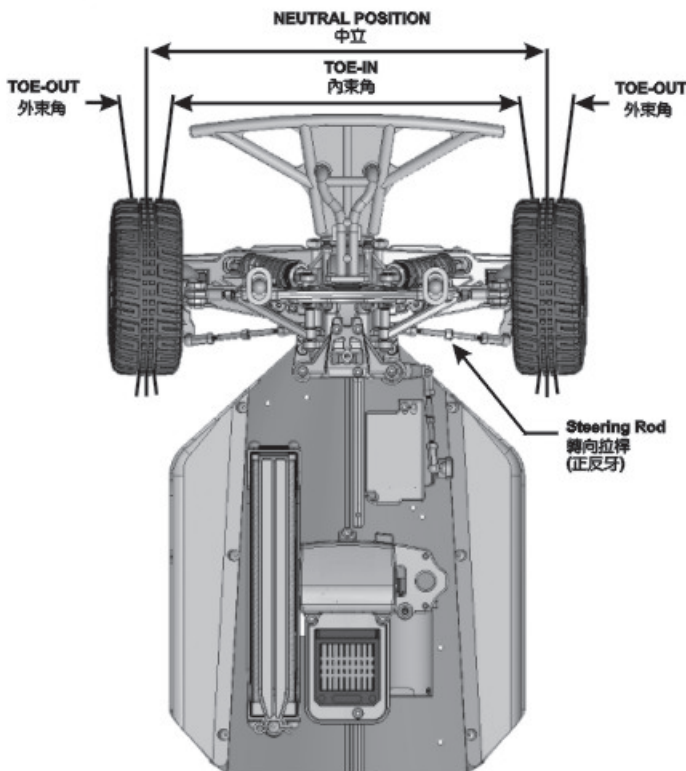
REAR CAMBER ANGLE SETTING



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

FRONT TOE-IN AND TOE-OUT SETTING

前輪內束角/外束角 調整



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

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

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

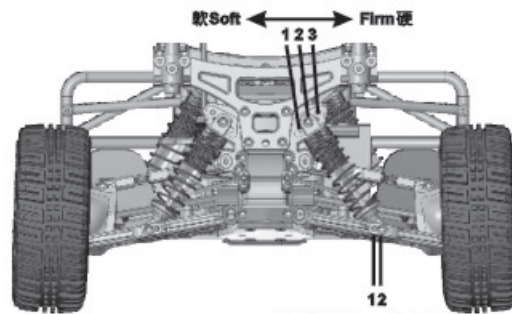
改變的轉向拉桿之長度可以改變前輪“內束角”與“外束角”。

1. 將前輪轉向拉桿加長。前輪會變成內束角。此種轉向反應會變慢。並且有轉向過度情形產生。
2. 將前輪轉向拉桿變短。前輪會變成外束角。此種轉向反應會變快。並且有轉向不足情形產生。

FRONT SHOCK ANGLE SETTING

前油壓避震器角度調整

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

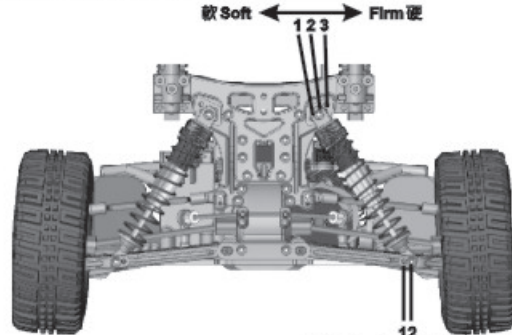


Firm front suspension, less steering. 前輪硬—轉向不足。
Soft front suspension, more steering. 前輪軟—轉向過度。

REAR SHOCK ANGLE SETTING

後油壓避震器角度調整

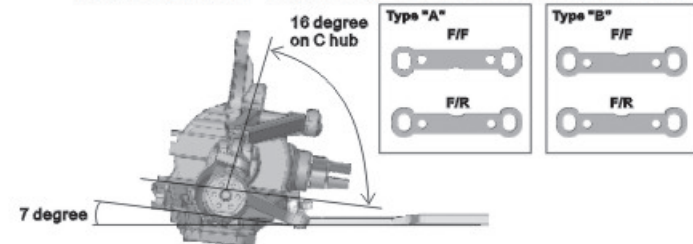
後油壓避震器會因安裝在不同位置，而會使懸吊系統產生不同硬軟變化。後油壓避震器安裝位置愈往車體中心，懸吊反應愈軟。後輪懸吊系統軟硬不同，會產生不同避震力特性。油壓避震器安裝孔位，請依場地不同而調整在不同位置。



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

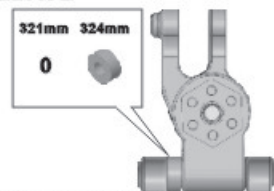
CASTER ANGLE

Adjust the front caster angle by changing the arm block "A" or "B" on the front lower arms. After you set the caster angle, you will also need to adjust the front upper arm position. The final caster also depends on the kick-up setting. Example: 16 degree caster on C-hub + 7 degree kick-up + "A" lower arm block = 22 degree final caster. 16 degree caster on C-hub + 7 degree kick-up + "B" lower arm block = 23 degree final caster



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

REAR WHEELBASE



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

Shorter wheelbase

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

Longer wheelbase

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

SCRT10 Set-Up Sheet

Date: _____

Driver: _____

Track: _____ / _____

Air Temp: 80F Surface Dsc. WATERED & DRY

Avg. Lap Time: _____ "

Front Suspension

Shock Spring: Gray

Shock Piston: / /

Shock Oil wt: _____

Shock Length: _____ mm
(Center to Center)

Toe-IN: _____

Toe-Out: _____

Front Ride Height: _____

Sway Bar: None

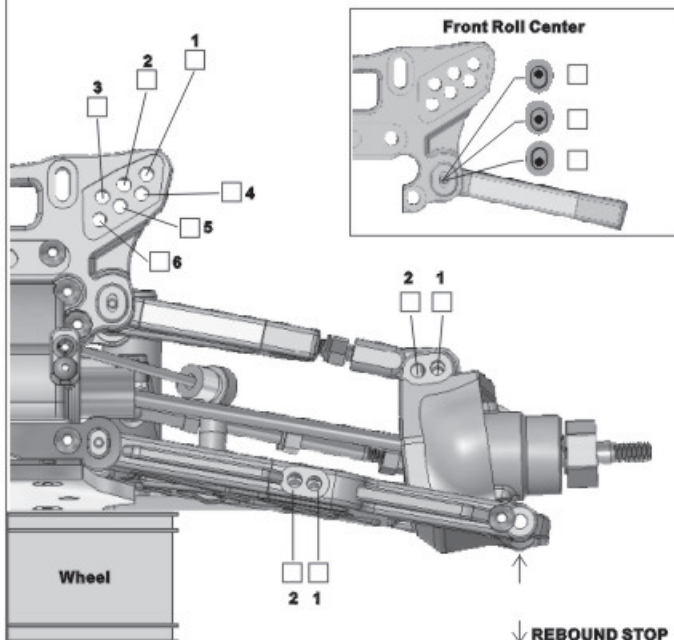
Camber: Neg: _____

Pos: _____

Caster Angle:

(F/F)

F/F	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
F/R	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		22	21	20
(F/R)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		23	22	21
		24	23	22



Notes: _____

Rear Suspension

Shock Spring: Gray

Shock Piston: / /

Shock Oil wt: _____

Shock Length: _____ mm
(Center to Center)

Rear Ride Height: _____ mm

Sway Bar: None

Camber: Neg: _____

Pos: _____

Anti-Squat Plate



R/F

1 Degree

2 Degree

3 Degree

(Right = Left)

Rear Toe-In Plate



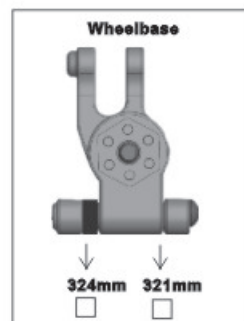
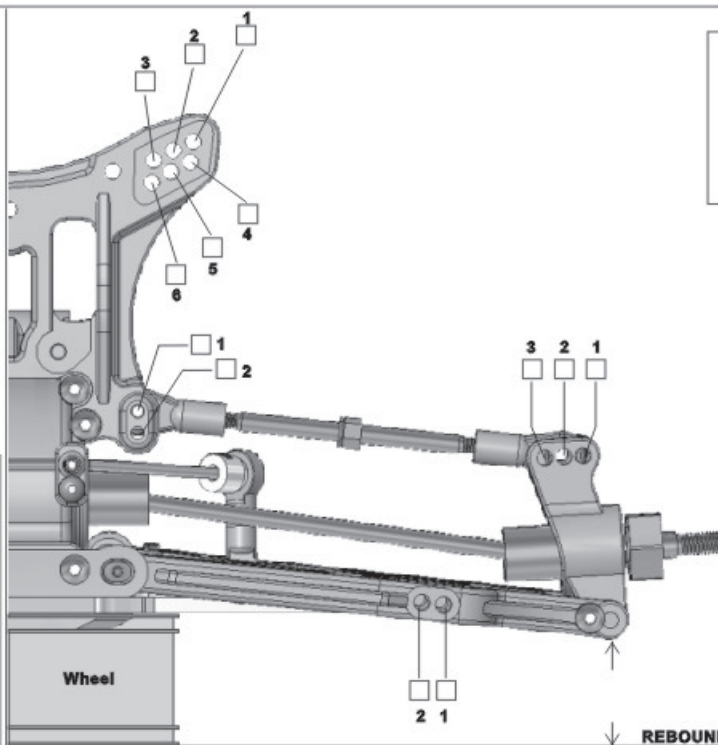
R/R

1 Degree

2 Degree

3 Degree

(Right = Left)



Differential

Oil Type: Silicon Grease

Front: STD-5K _____ K

Center: STD-7K _____ K

Rear: STD-1K _____ K

Tires

Front: STD

Rear: STD

Foam: STD

Others: Brand: _____

Type: _____

Insert: Foam _____

ELECTRIC MOTOR

Type: Brush Brushless

Turn: _____ Turn: _____

RPM: _____ KV: _____

Brand: _____

ELECTRIC SPEED CONTROLLER

Brand: _____

Type: _____

GEAR

Super Gear: 46 T

Motor Gear: _____ T

Gear Brand: STD Other: _____

SCRT10 電動車零件表

編號	品名	數量	編號	品名	數量
A-34B	平衡桿鐵球	2	TM-10	緩衝組調整環	1
A-41A	6mm球型	6	TM-11H	緩衝組彈簧(硬)	1
A-56	天線管	1	TM-12	緩衝支柱	2
A-69	3x46 正反牙桿	3	TM-13	前下固定鋁板	1
A-77D	2x12.8 滾針	2	TM-15	後投影鋁板	1
A-77G	4x10x0.15 墊片	4	TM-16	上反角鋁板	1
A-81	小束帶	4	TM-17	2.0mm平衡桿	1
A-87B	4mm十字軸心	2	TM-18	大王梢螺帽	4
E-07	P3 O環	8	TM-20	後輪軸	2
E-08	避震器氣室	4	TM-21	後傳動軸 82.5mm	2
E-09-BR	塑膠避震器上蓋(咖啡)	4	TM-23	3x25.8 擺臂軸	2
E-10	避震器塑膠零件	2	TM-24	3x32 擺臂軸	2
E-22	轉向座襯套	4	TM-25	3x53 擺臂軸	2
E-36	4mm球型座	10	TM-26	3.5x24正反牙	2
E-39	2x10.8 滾針	3	TM-27	3x50正反牙	2
E-41	1/10 R型插梢	10	TM-28	3x60正反牙	2
E-42	雙面膠 8x25mm	2	TM-34	緩衝組/補強桿/三角板	1set
E-43	5x11x4培林	8	TM-35	差速殼	1
E-45	10x15x4培林	4	TM-36	前後下擺臂模	2
E-65	4mm塑膠球頭	1set	TM-37	前上擺臂/固定座模	1set
J-03A	P6 O環	2	TM-38	前上擺臂外端	2
J-03C	差速器防漏墊片	3	TM-39	C型座 L.R	1set
L-02B	12x15x0.25 墊片	6	TM-40	差速箱/六角頭	1set
SC-01	6061 3mm 底盤	1	TM-41	轉向座 L.R	1set
SC-02	CNC 三件式鋁馬達座	1set	TM-43	後輪座模 L.R	1set
SC-03	中央傳動軸 109mm	2	TM-44	中差座模	1set
SC-04	前防撞板/底盤護板	1	TM-45A	避震器軸心(前) 3x36.5mm	2
SC-05	後防撞板	1set	TM-46A	避震器軸心(後) 3x49mm	2
SC-06	後防撞板支撐架	1set	TM-48	平衡桿塑膠球頭	1set
SC-07	電池盒/接收機盒/伺服機座	1set	TM-54	前後塑膠油壓架	1set
SC-08	車殼柱/前後中央補強桿	1set	TM-59	後補強桿固定座	1set
SC-09	46t 大直齒(塑膠)	1	TMS-08	聯結式傳動軸(前/後)	2
SC-10	SC 輪胎	4	TMS-13	外牙避震器組(前)	2
SC-11-BK	SC 輪框(黑)	4	TMS-13B	外牙避震器筒身(前)	2
SC-12-BR	輪框飾板	4	TMS-14	外牙避震器組(後)	2
SC-13	SC 輪胎內海綿	4	TMS-14B	外牙避震器筒身(後)	2
SC-14	1/10 SC 車殼(透明)	1	TMS-17	避震器彈簧(白色)硬	1set
SC-15	螺絲包	1set	XT-28	防塵板 R.L	1模
TM-03	39t 大傘齒	1	#155B	1/8 R型插梢(短)	4
TM-04	12t 小傘齒	1	#280-BR	6mm油壓球型座(咖啡)	4
TM-05	鋁差速齒(20tx2,10tx4)	1set	#312-BK	伺服片(黑色)	1 set
TM-06	小傘接杯	1	#364	天線管固定螺帽	1
TM-08	差速接杯	2	#397-13	13T馬達齒 5mm軸, M1	1
TM-09	緩衝鋁管	1	#400	馬達齒轉接套 3x5x11mm	2

SCARTO

HONG NOR

QUALITY RIC MODEL PRODUCTS

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