

# 1/10TH SCALE RADIO CONTROLLED ELECTRIC POWERED SHORT COURSE TRUCK

# NEX 10SC

INSTRUCTION MANUAL

## FEATURES

- PIVOT BALL SUSPENSION.
- STEEL RING & PINION.
- PLASTIC SPUR GEARS.
- OIL FILLED SEALED DIFFERENTIALS.
- CNC MACHINED ALUMINUM MOTOR MOUNT.
- FULL SEALED BALL BEARINGS.
- CAPTURED HINGE PINS, NO E-CLIPS.
- FRONT UNIVERSALS.
- REALISTIC ABSORBING FRONT & REAR BUMPER.
- FRONT & REAR CHASSIS STIFFENERS.
- SPEED CONTROL MOUNTING PLATE.
- TRANSPONDER MOUNT.
- REALISTIC HIGH TRACTION TIRES.
- ADJUSTABLE ALUMINUM THREADED SHOCK BODIES.
- OIL FILLED SHOCKS.
- ADJUSTABLE BODY MOUNTS.
- SEALED RECEIVER BOX.
- NEW MUD GUARDS.
- MOLDED BATTERY BOX.
- HARD COATED ANODIZED ALUMINUM CHASSIS.
- ADJUSTABLE SERVO SAVER.
- ADJUSTABLE FRONT & REAR SWAY BARS.
- ALUMINUM ADJUSTABLE ANTI SQUAT PLATE.
- FULL SIZE 2.2" x 3.0" ONE PIECE WHEELS.
- FULL SIZE SHORT COURSE BODY WITH REALISTIC DETAIL.

### ADDITIONAL PARTS NEEDED

- CA GLUE
- SERVO
- RADIO SYSTEM
- ELECTRIC MOTOR
- ELECTRIC SPEED CONTROLLER

- KIT IN INSTRUCTION MANUAL MAY BE DIFFER FROM PICTURE SHOWN.
- ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

### THIS IS NOT TOY!

- Do not use with children under 16 years of age or without adult supervision.

### 需另購零件

- 3秒瞬間膠水
- 電子變速器
- 伺服機
- 電池組
- 接收機
- 電動馬達

- 圖示產品可能為試樣品其可能與包裝不同。
- 全部規格及配備以實際包裝為主，配備內容或零件變更恕不另行通知。

### 本產品非玩具

- 16歲以下或沒有成人督導之兒童請勿使用。

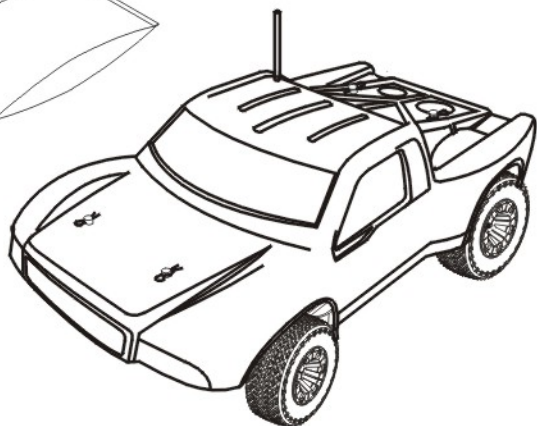
**HONG NOR**  
QUALITY R/C MODEL PRODUCTS

Components

內容物

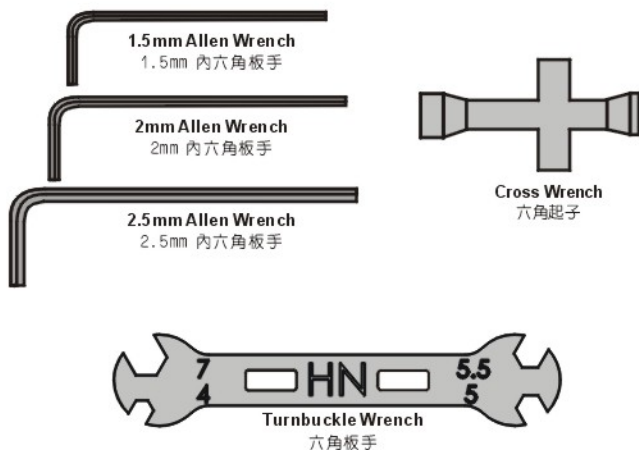
Parts Bag  
零件包

Radio Control Car  
遙控車



Included Items

附帶工具



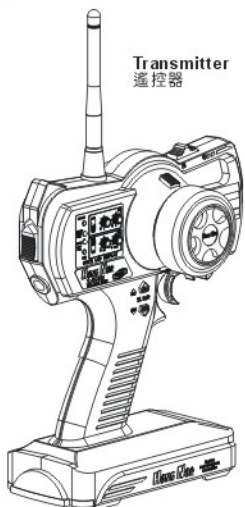
Equipment Needed  
另購品

Transmitter  
遙控器

8 "AA" Type  
Batteries  
3號電池 x 8

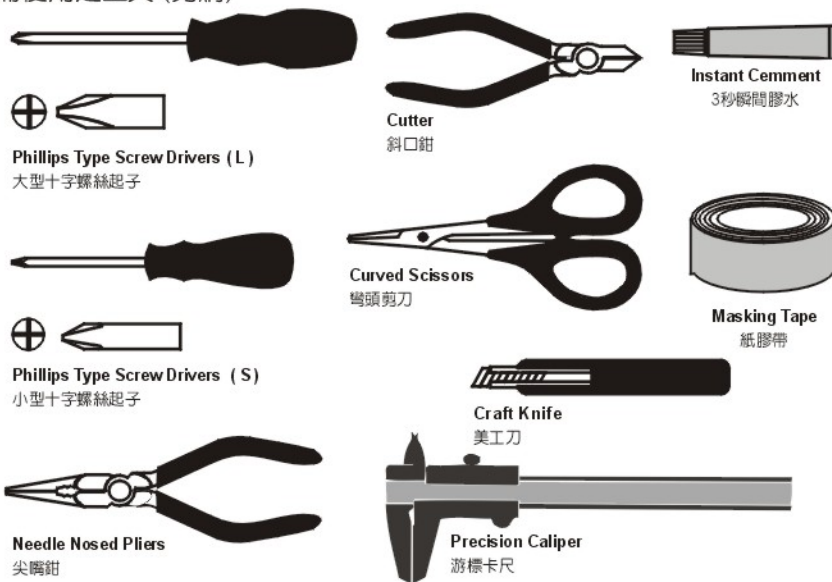
Receiver  
接收器

Servo  
伺服器



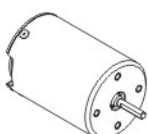
TOOLS NOT INCLUDED IN THE KIT

需使用之工具 (另購)



B4222  
Brush Electric Speed  
Controller  
碳刷式電子變速器

Brushless Electric Speed  
Controller  
無刷式電子變速器



12T/550 Brushed Motor  
12圈/550 碳刷式馬達

Brushless Motor  
無刷馬達



CAUTION  
警告

\* Can use 7.2V 6-Cell Ni-Mh battery pack or 7.4V Li-Po battery (hard case). Other type of batteries may cause damages to your electronic speed controller and motor.

\* 請選購7.2V鎳氫電池或7.4V鋰電池(硬殼), 其他規格電池可能造成電子變速器或馬達的損壞。

\* It is important that you read all precautions and instructions supplied by the charger and battery manufacturers. Make sure you understand how to use your batteries correctly and use them with required chargers.

\* 使用各類電池時需具備相當的專業知識和對應的專用充電器, 不正確的充電方式可能導致電池損壞或產生不必要的意外。

\* Be aware that Hong Nor Enterprise shall not be liable for any indirect, incidental or consequential damages caused by inappropriate installation or use of batteries in Hong Nor models.

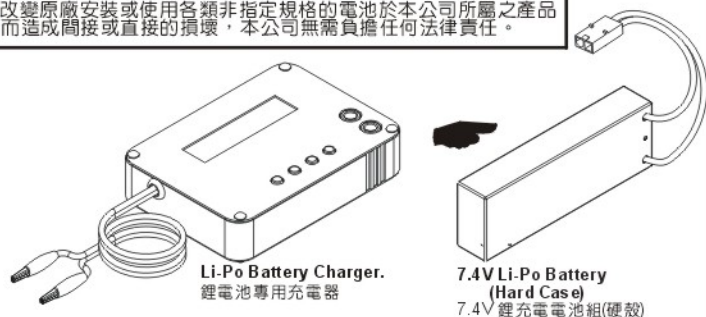
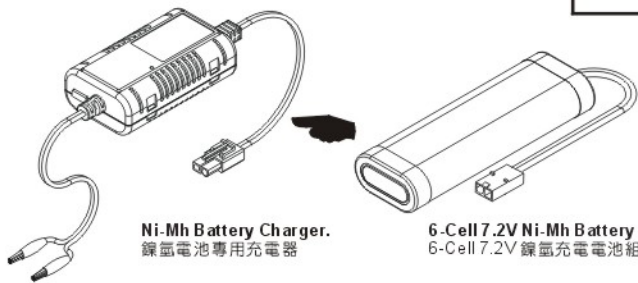
\* 因改變原廠安裝或使用各類非指定規格的電池於本公司所屬之產品上而造成間接或直接的損壞, 本公司無需負擔任何法律責任。

Ni-Mh Battery Charger.  
鎳氫電池專用充電器

6-Cell 7.2V Ni-Mh Battery  
6-Cell 7.2V 鎳氫充電電池組

Li-Po Battery Charger.  
鋰電池專用充電器

7.4V Li-Po Battery  
(Hard Case)  
7.4V 鋰充電電池組(硬殼)







# IMPORTANT-READ THIS BEFORE RUNNING

重要！操作前請先閱讀

## 1. Before Starting

啟動前

- ◎ **Please read manual carefully! (With a parent, guardian or a responsible adult if necessary).**  
請仔細閱讀說明書，(如有必要，須有家長，監護人，或其他成年人陪同)。

## 2. While Operating

當操作時

- ◎ **Any running area you choose must be dry. Do not run vehicle near any water or wet areas.**  
請在乾地上操控車子。並請勿操控車子於水池或溼地旁。
- ◎ **Do not run on public streets. It is very easy to have the car run over or be damaged by hitting the curb.**  
勿在大街上操控車子，因為它很容易被行駛中的車輛輾過或碰撞而有所損傷。
- ◎ **Do not operate the car in tight confined places. The vehicle is very fast and will easily hit something.**  
勿在空間狹窄的地方操作；因為它的速度快很容易碰撞周圍物件。
- ◎ **Do not run near people or animals. The car is very fast and could easily hit someone if you are not an expert driver.**  
勿操作車子於人群或動物旁；如您不是專業人士操作，他們都可能發生危險。
- ◎ **Do not operate the car at night. You will not be able to drive it safely.**  
勿在晚上操作模型車，因可能視線不佳而導致它發生碰撞。

## 3. Before Operating

操作前檢查

- ◎ **Make sure that all screws and nuts are properly tightened.**  
確認螺絲與螺帽有無鬆動。
- ◎ **Always use fresh batteries for your transmitter and receiver before running the car. If the radio does not have full control of the car with steering, throttle and brake. Do not run it until corrected. Failure to correct this will result in possible injury and damage to the car or property.**  
**We strongly recommend using a failsafe.**  
操作前請先換上全新的電池，如果電量不足時，將不能完全控制車子的油門及剎車或行進方向。此刻請立即停駛，並換上全新電池。如果不立即改善，可能將導致失控而使人體受傷或車子受損。我們極力建議裝配“防失控裝置”在您的車上。
- ◎ **Please confirm the steering and throttle is at neutral position.**  
請確認油門位於中立點位置。

## 4. Check Your Vehicle After Running

操作後注意事項

- ◎ **Turn OFF receiver first, then turn OFF transmitter. This will prevent the car from losing control.**  
先關閉接收機電源，再關閉遙控器電源，如此以避免遙控車失控產生爆衝。
- ◎ **After running radio controlled car, it is necessary to perform routine maintenance.**  
遙控車跑完之後需要進行保養。

## 5. Battery Safety

電池安全

- ◎ **Please be careful when handling the battery. It will be hot after running. If the wire is frayed, a short circuit can cause a fire.**  
操作後電池將會發燙，取出電池時請小心。如果電池電線磨損，短路將會導致電池起火燃燒。

**WARNING:** To avoid a possible fire hazard, always unplug the battery. Do not leave your vehicle

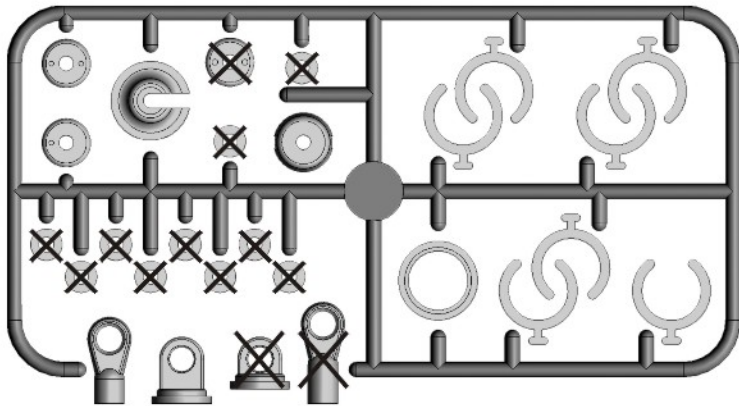
警告



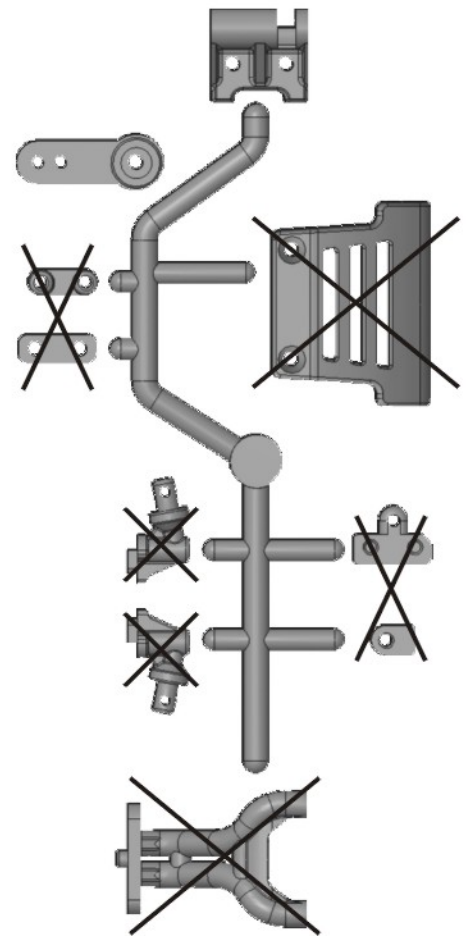
**unattended with the battery unplugged.**

為因電線短路而引起之可能災害，請在操作本產品後，隨時拔除電源接頭，以避免可能發生之危險。請勿在電源接頭未經拔除且將產品儲存或置於無法目視的地方。

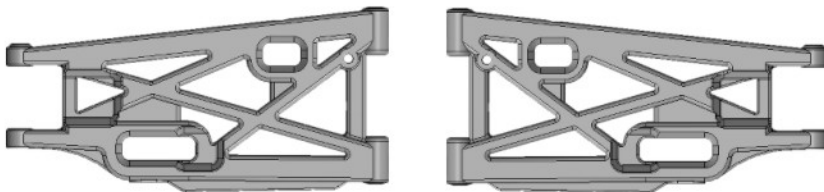
E-10  
SHOCK ABSORBER  
油壓零件



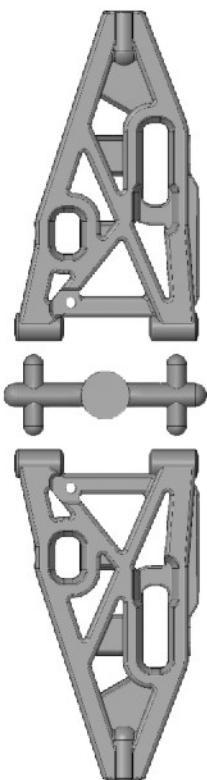
TM-59  
BUMPER & RADIO TRAY POST & BODY POST  
防撞板、二樓板支柱、車殼支柱



TM-36B  
REAR LOWER ARM  
後下擺臂塑膠品



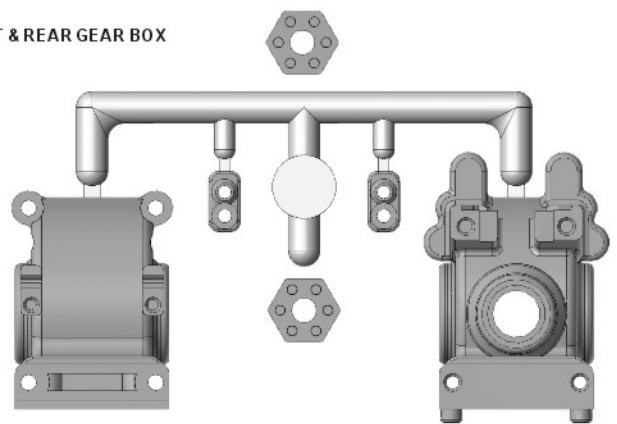
TMS-30B  
FRONT LOWER ARM  
前下擺臂塑膠品



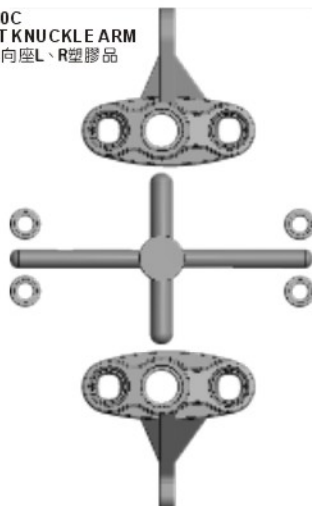
TM-35  
DIFF. CASE  
差速殼



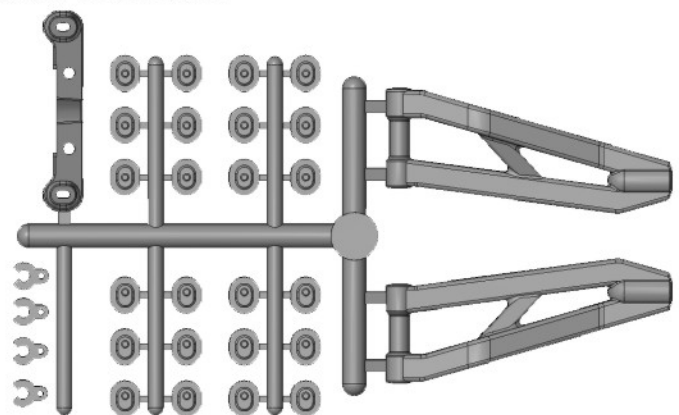
TM-40  
FRONT & REAR GEAR BOX  
齒輪箱



TMS-30C  
FRONT KNUCKLE ARM  
球型轉向座L、R塑膠品

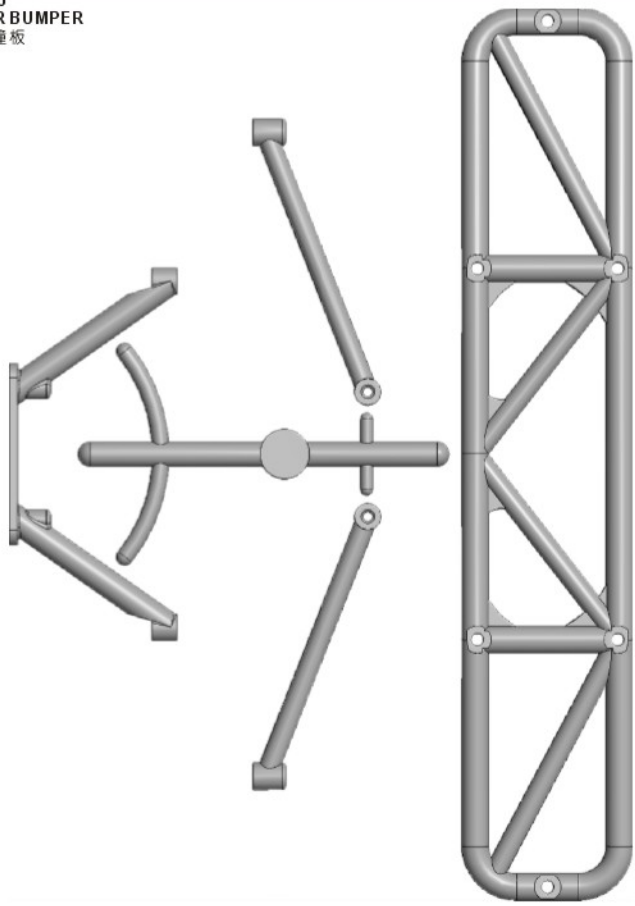


TMS-30A  
FRONT UPPER ARM AND ARM HOLDER  
前上擺臂、擺臂固定座塑膠品

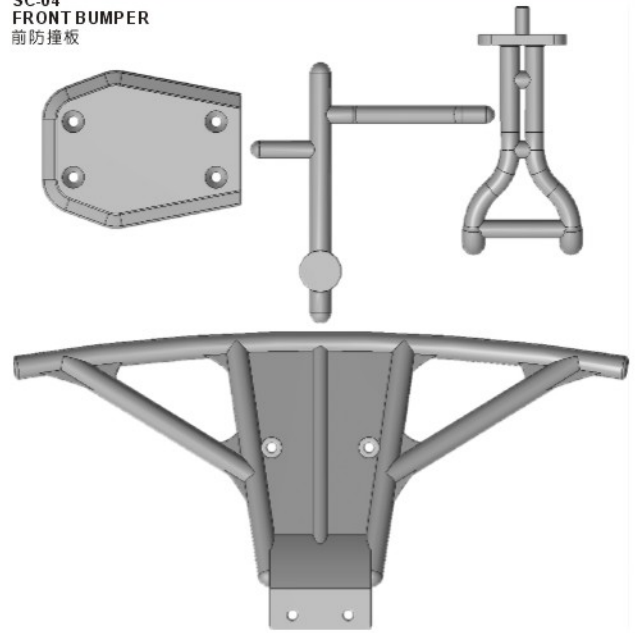




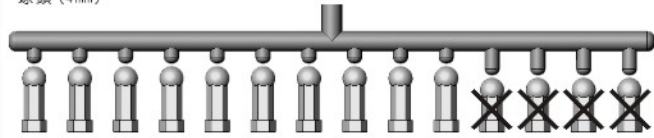
SC-05  
REAR BUMPER  
後防撞板



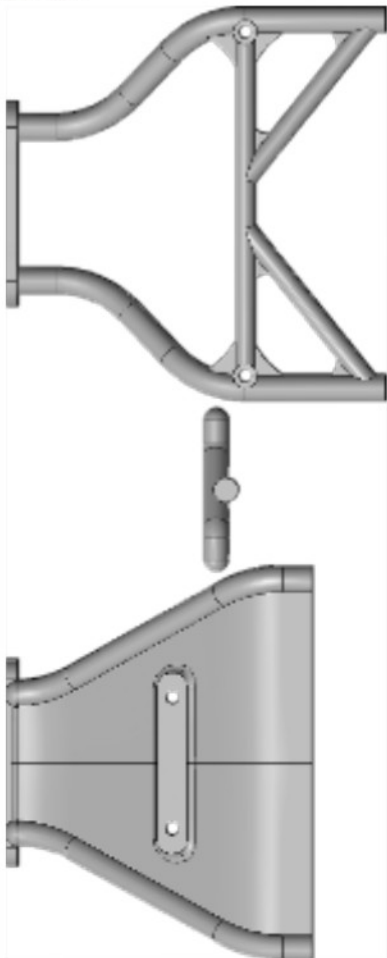
SC-04  
FRONT BUMPER  
前防撞板



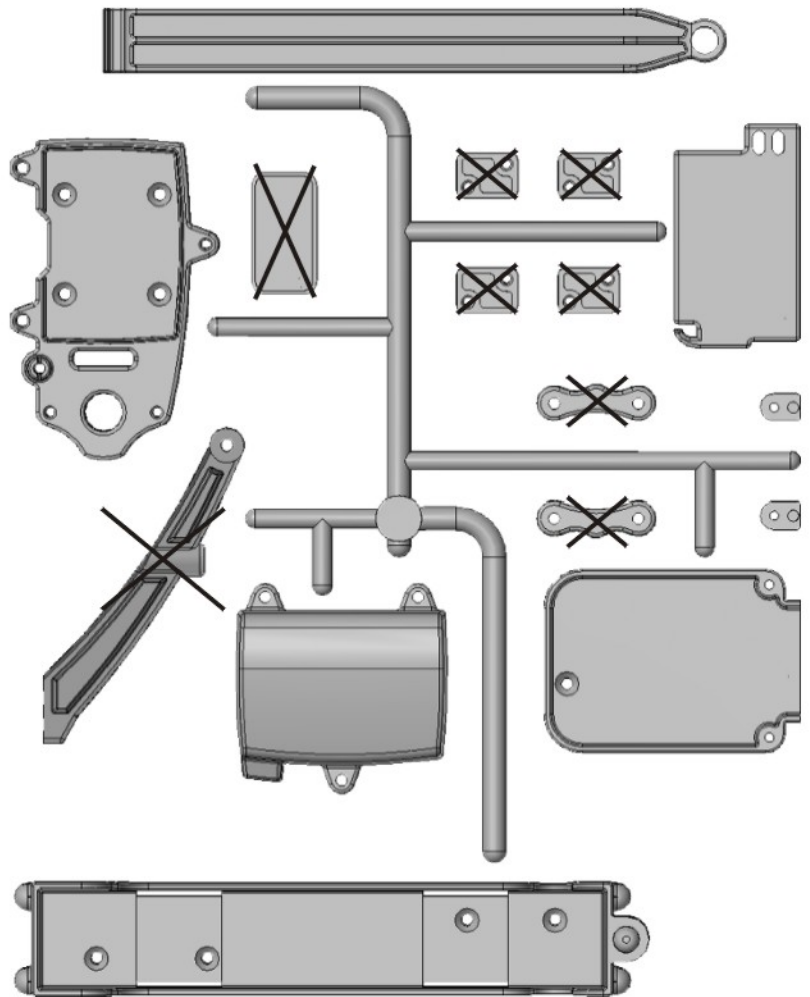
E-65  
BALL END (4mm)  
球頭 (4mm)



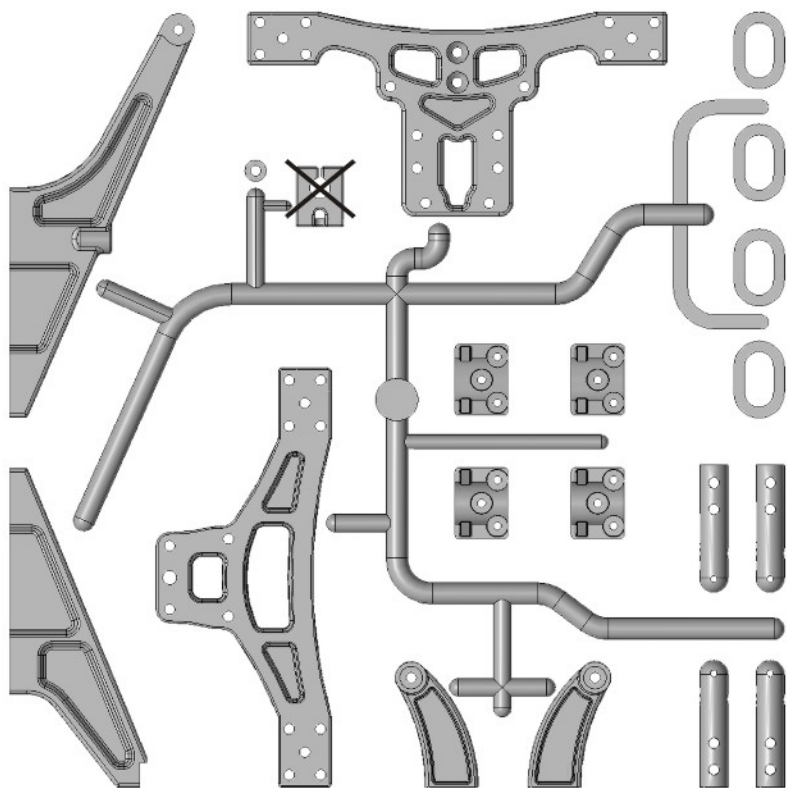
SC-06  
REAR BUMPER BRACE  
後防撞板支撐架



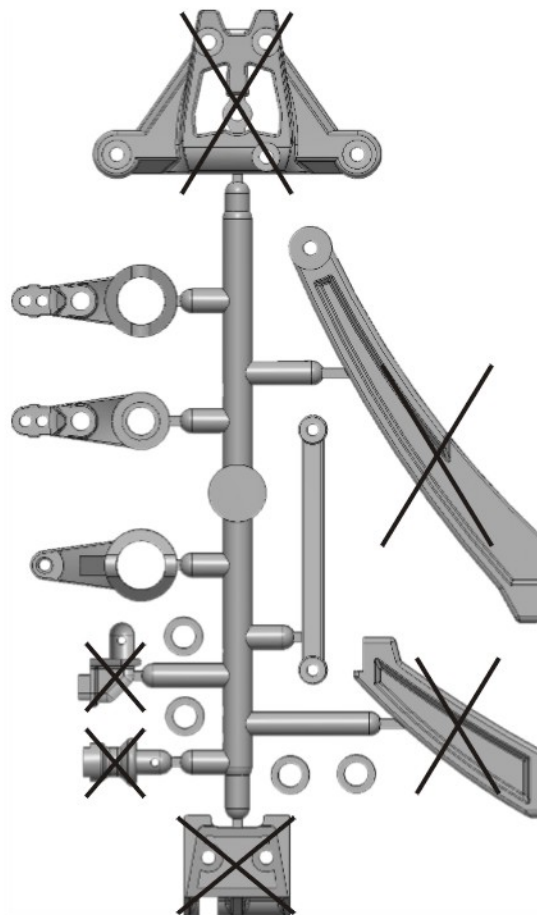
SC-07  
BATTERY CASE & RECEIVER BOX  
電池盒模



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



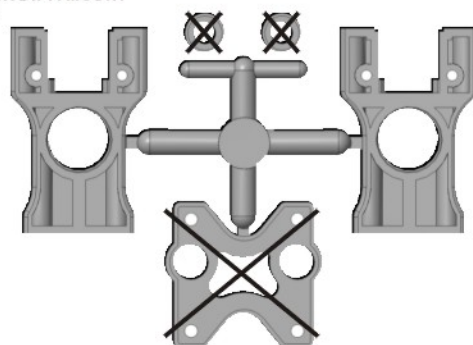
TM-34  
SERVO SAVER  
緩衝組



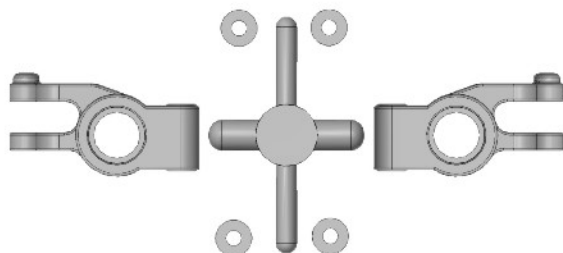
SC-09  
SPUR GEAR (46T)  
大直齒 (46T)



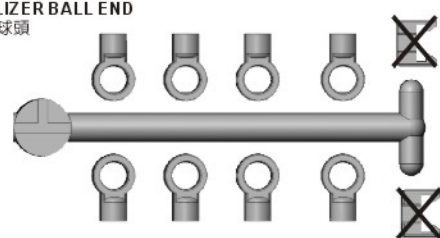
TM-44  
CENTER DIFF. MOUNT  
中差座



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

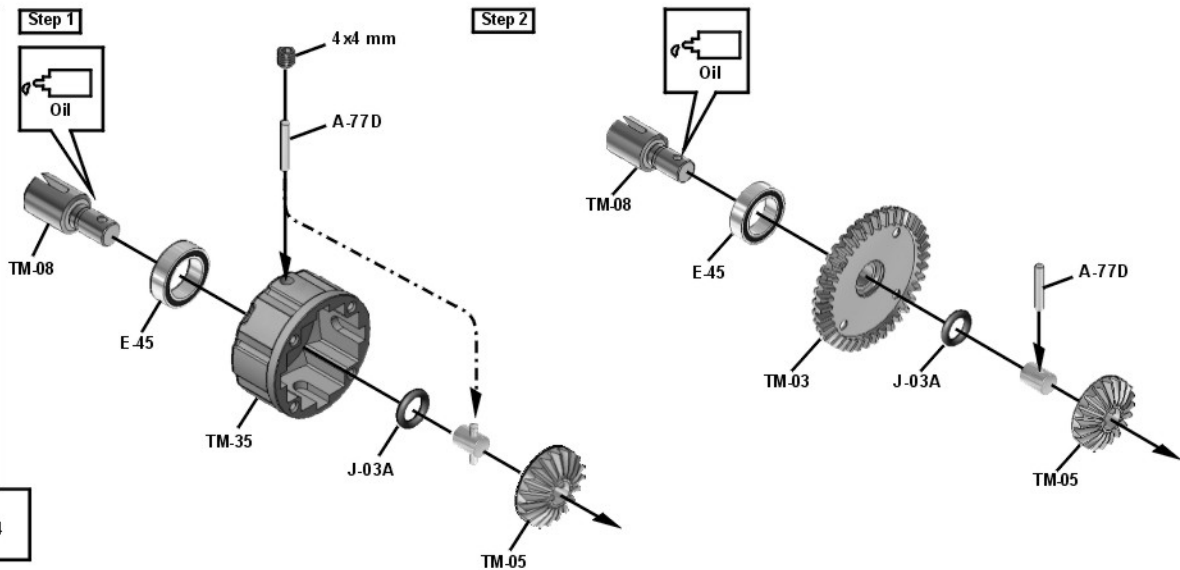


# 1 ASSEMBLY OF THE FRONT AND REAR DIFF.

## 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。

- A-77D  
2x12.8mm Pin  
滾針 .....x4
- 4x4mm  
Set Screw  
止付螺絲 .....x2
- J-03A  
P6 O-Ring  
P6 O環 .....x4
- E-45  
10x15mm Ball Bearing  
培林 .....x4

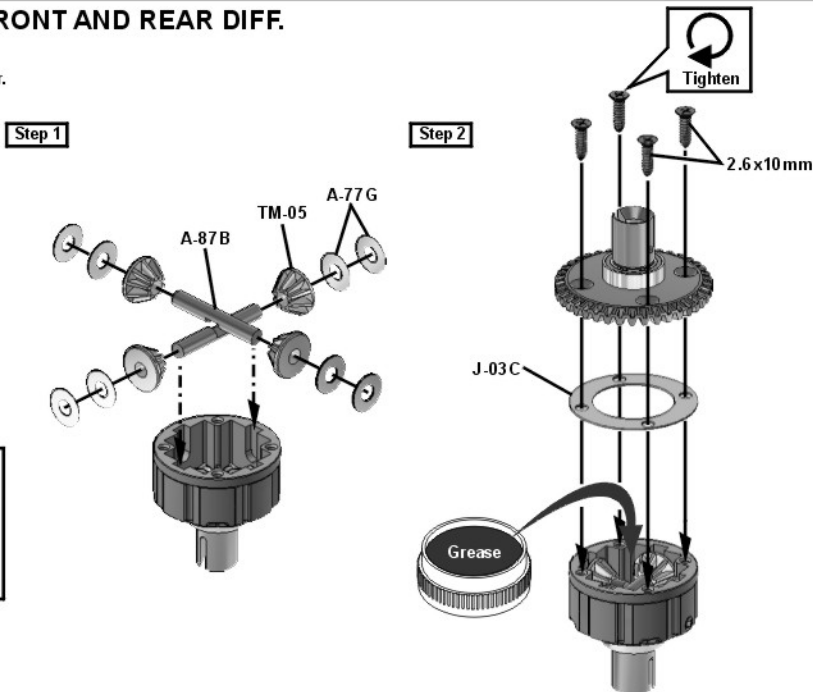


# 2 ASSEMBLY OF THE FRONT AND REAR DIFF.

## 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。

- A-77G  
4x10mm Washer  
墊片 .....x16
- 2.6x10mm  
Flat Head Screw  
皿自攻螺絲 .....x8
- A-87B  
4mm  
Cross Pin  
4mm 十字軸心 .....x4

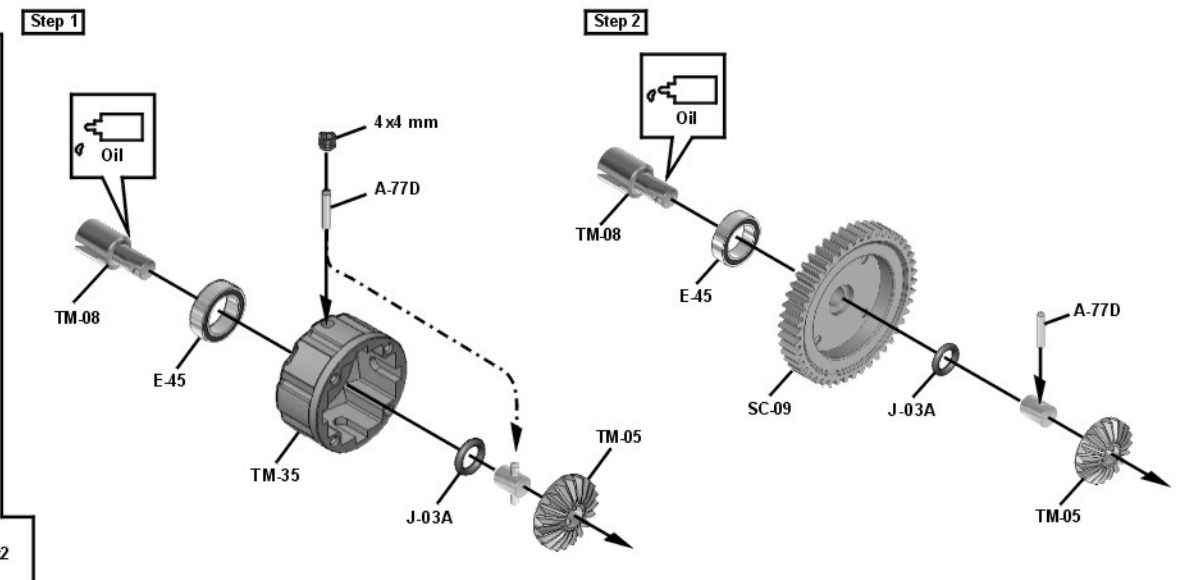


\*Apply grease to the differential gear during assembly.  
\*組合差速器前請先放入潤滑油。

# 3 ASSEMBLY OF THE CENTER DIFF.




## 中央差速齒輪組合

- A-77D  
2x12.8mm Pin  
滾針 .....x2
- 4x4mm  
Set Screw  
止付螺絲 .....x1
- J-03A  
P6 O-Ring  
P6 O環 .....x2
- E-45  
10x15mm Ball Bearing  
培林 .....x2

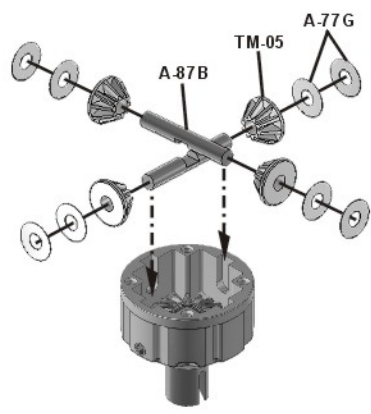




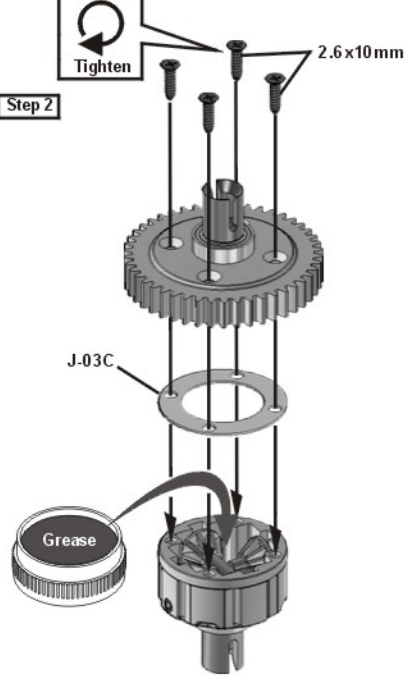
#### 4 ASSEMBLY OF THE CENTER DIFF. 中央差速齒輪組合

-  A-77G  
4x10mm Washer .....x8  
墊片
-  2.6x10mm  
Flat Head Screw .....x4  
皿自攻螺絲
-  A-87B  
4mm  
Cross Pin .....x2  
4mm 十字軸心

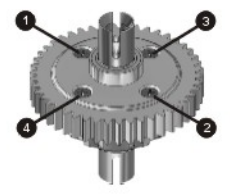
Step 1



Step 2








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

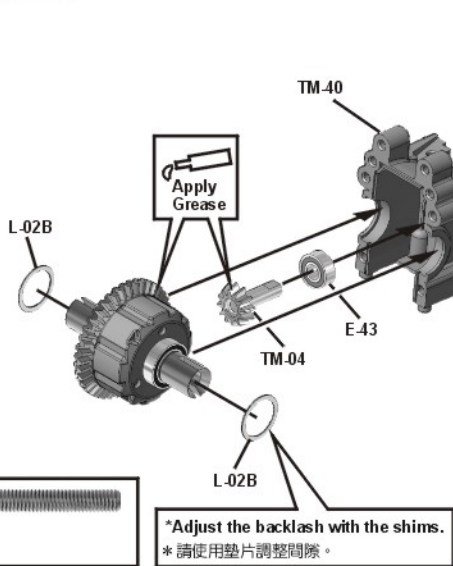


\*Apply grease to the differential gear during assembly.  
\*組合差速器前請先放入潤滑油。

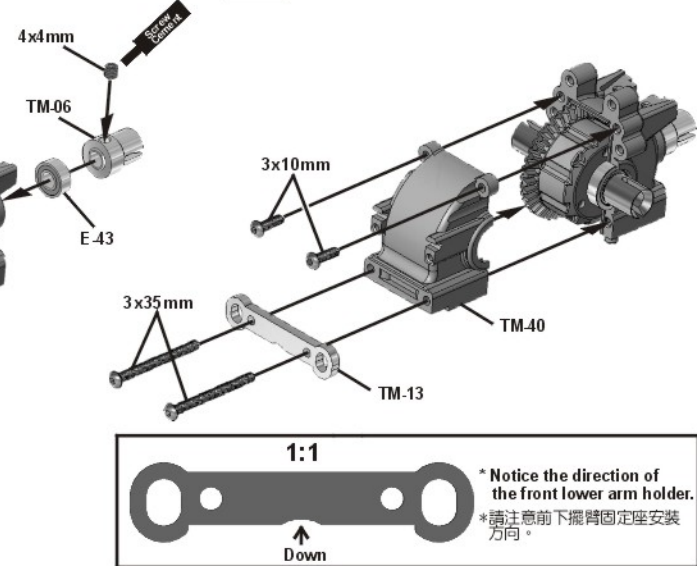
#### 5 ASSEMBLY OF THE FRONT GEAR CASE 前齒輪箱組合

-  4x4mm Set Screw .....x1  
止付螺絲
-  E-43  
5x11mm Ball Bearing .....x2  
培林
-  L-02B  
12x15x0.25mm Shim .....x2  
墊片
-  3x10mm Hex Screw .....x2  
半丸內六角螺絲
-  3x35mm Hex Screw .....x2  
半丸內六角螺絲

Step 1



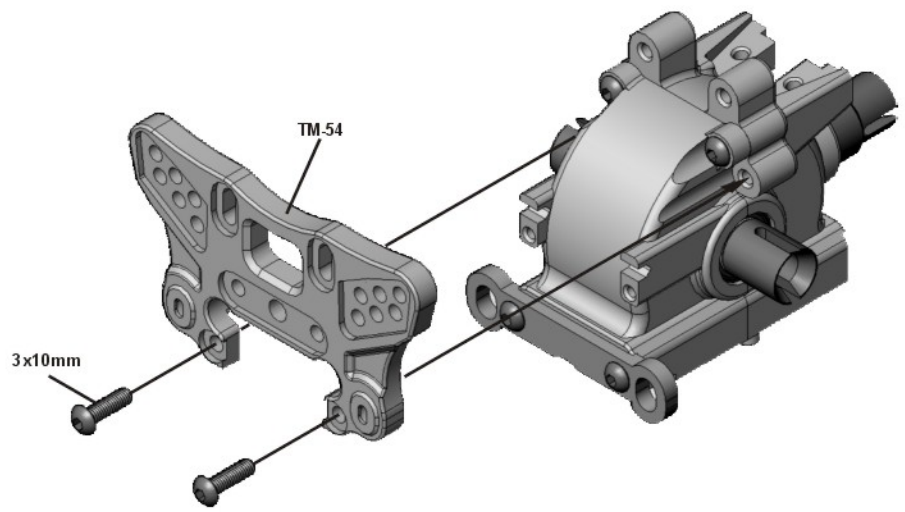
Step 2



1:1  
Down  
\* Notice the direction of the front lower arm holder.  
\* 請注意前下擺臂固定座安裝方向。

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

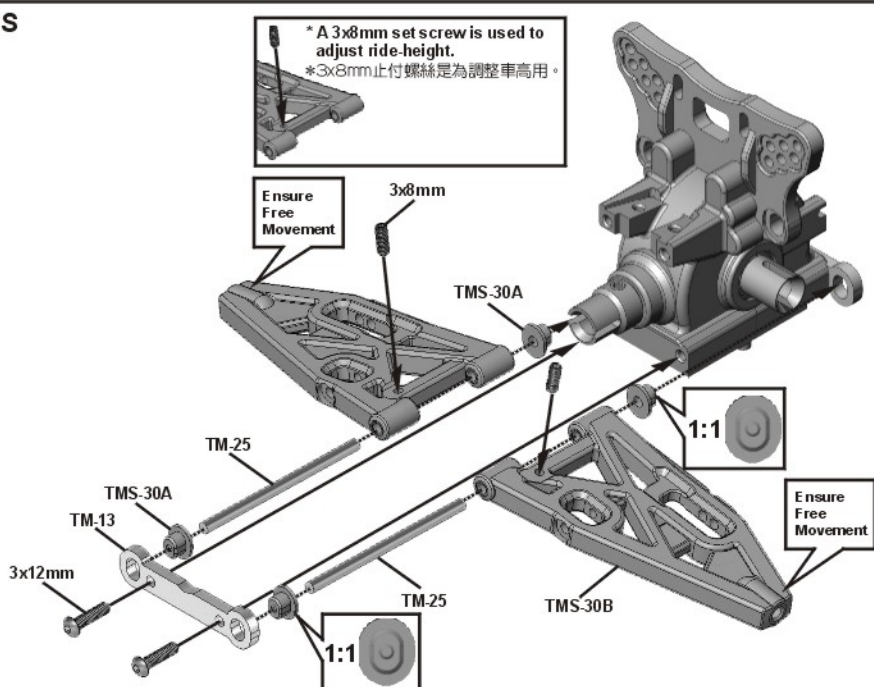
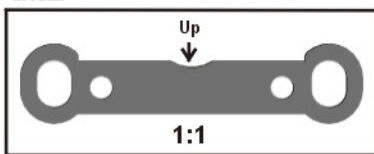
-  3x10mm  
Hex Screw .....x2  
半丸內六角螺絲



## 7 ASSEMBLY OF THE FRONT LOWER ARMS

### 前下擺臂組合

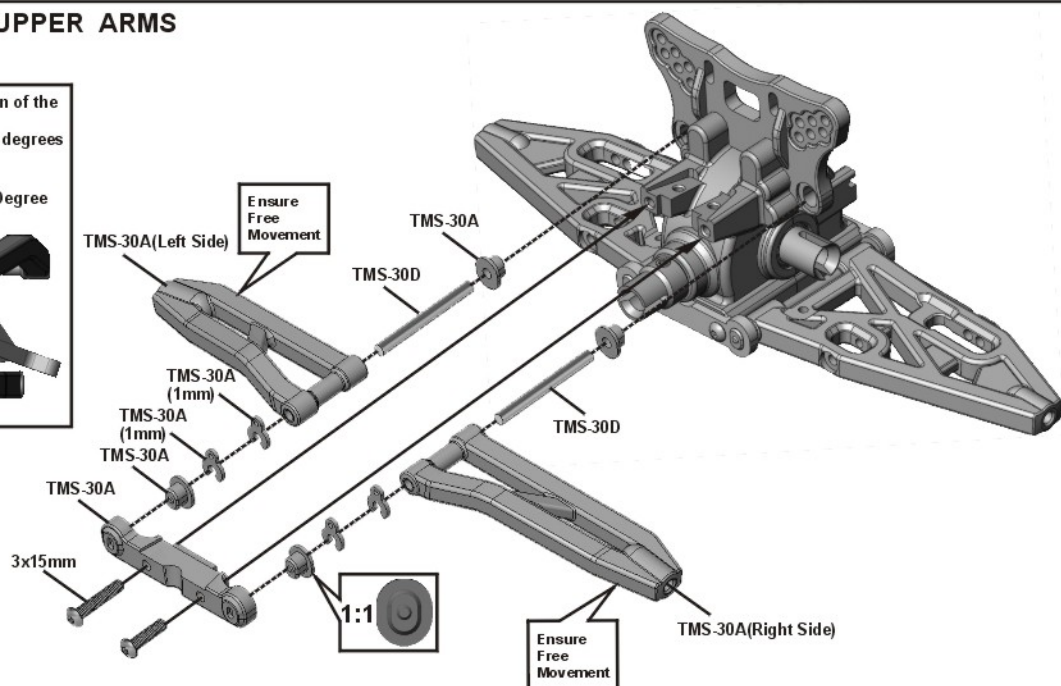
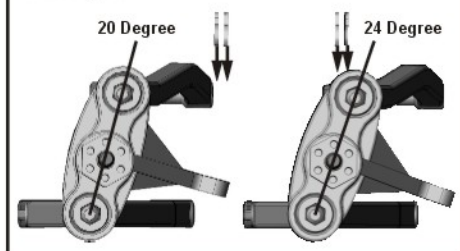
\* Notice the direction of the front lower arm holder in rear.



## 8 ASSEMBLY OF THE FRONT UPPER ARMS

### 前上擺臂組合

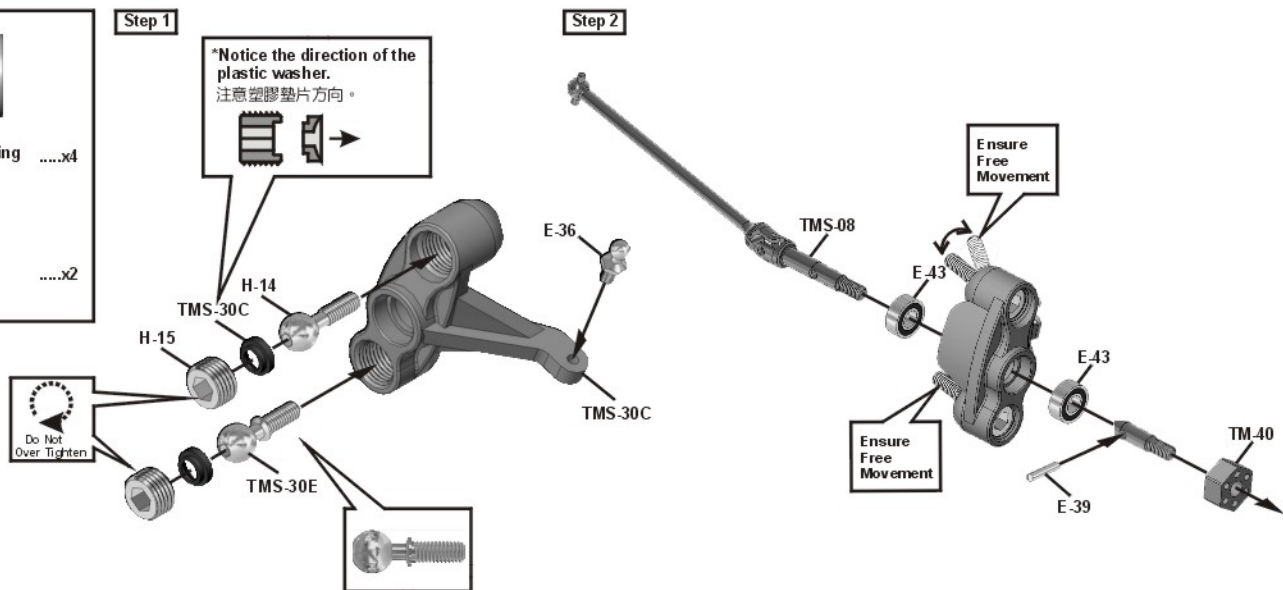
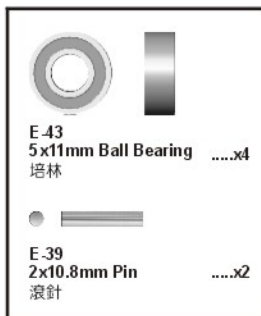
\* Adjust the caster angle by changing the position of the caster angle spacer on the top arm.  
\* Caster angle adjustments can be made from 20 degrees to 24 degrees.



## 9 ASSEMBLY OF THE KNUCKLE ARMS

### 球型轉向座組合

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

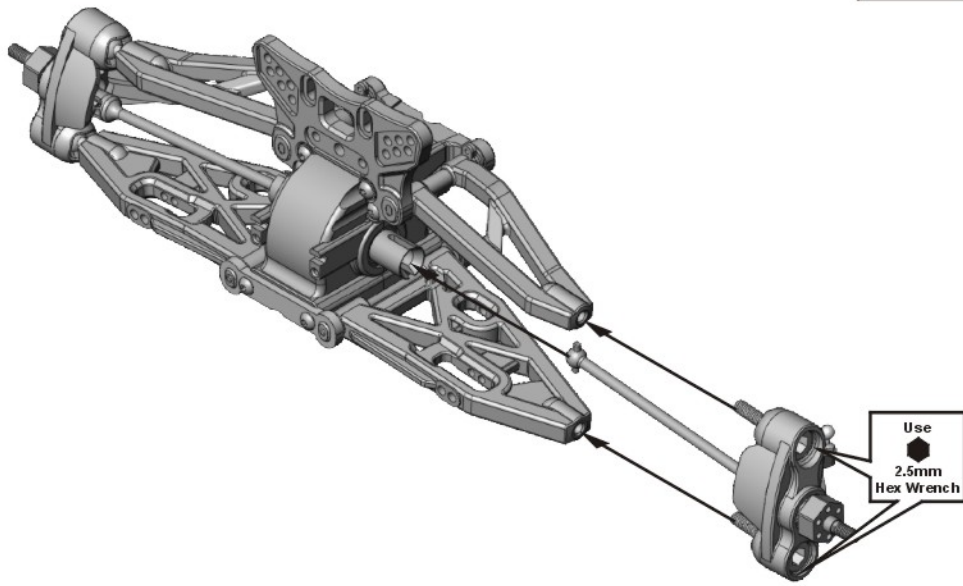




## 10 ASSEMBLY OF THE KNUCKLE AND FRONT SUSPENSION ARMS

球型轉向座與前懸吊系統組合

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



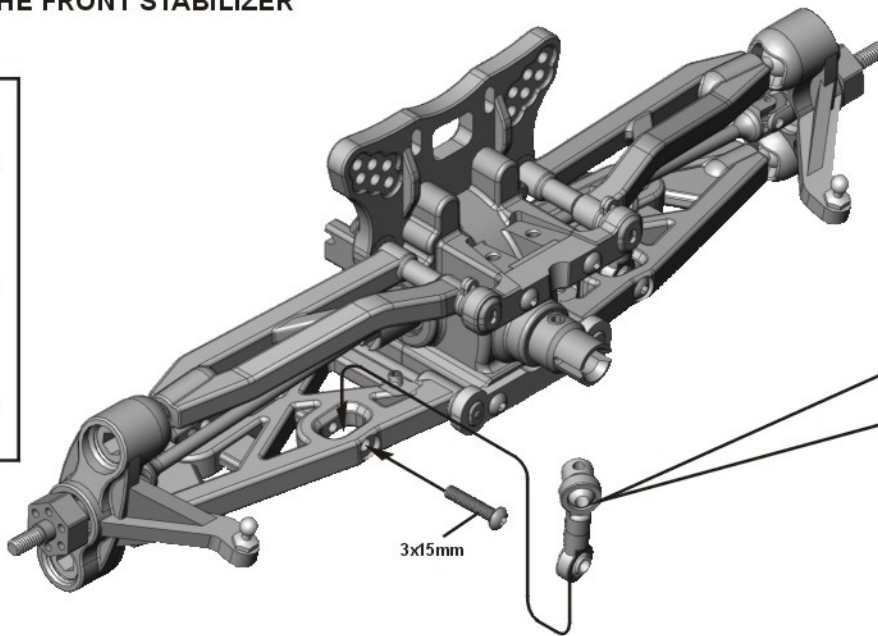
Use  
2.5mm  
Hex Wrench

## 11 ASSEMBLY OF THE FRONT STABILIZER

前平衡桿組合

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

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



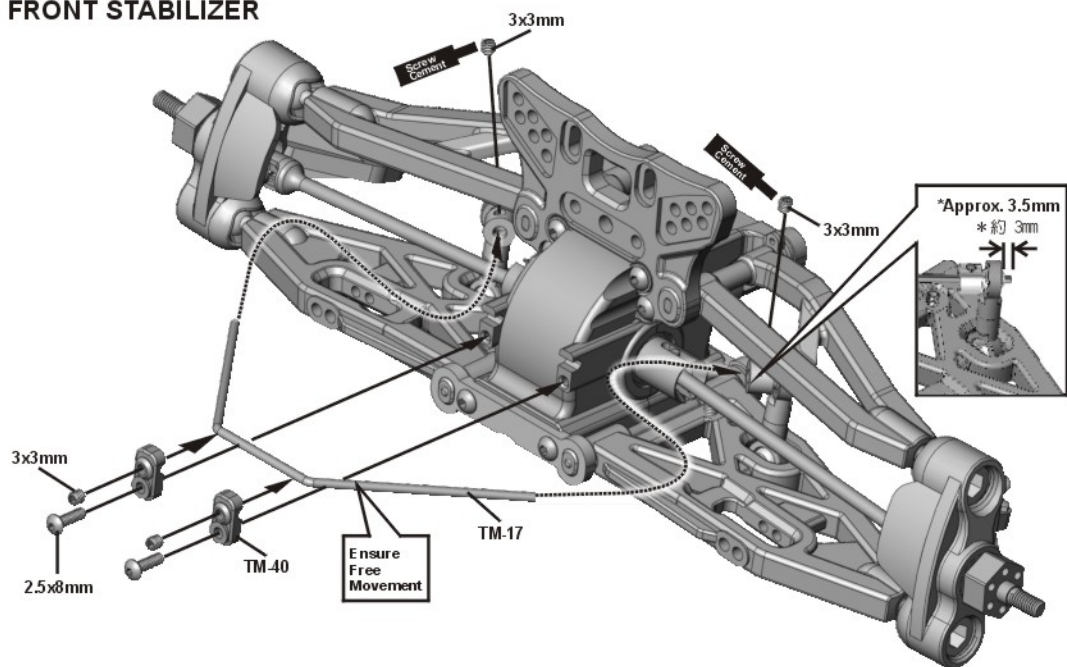
Makes two rods for left and right hand-side.  
請裝兩支平衡桿拉桿。

A-34B  
TM-48  
3x8mm  
TM-48  
A-41A

## 12 ASSEMBLY OF THE FRONT STABILIZER

前平衡桿組合

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

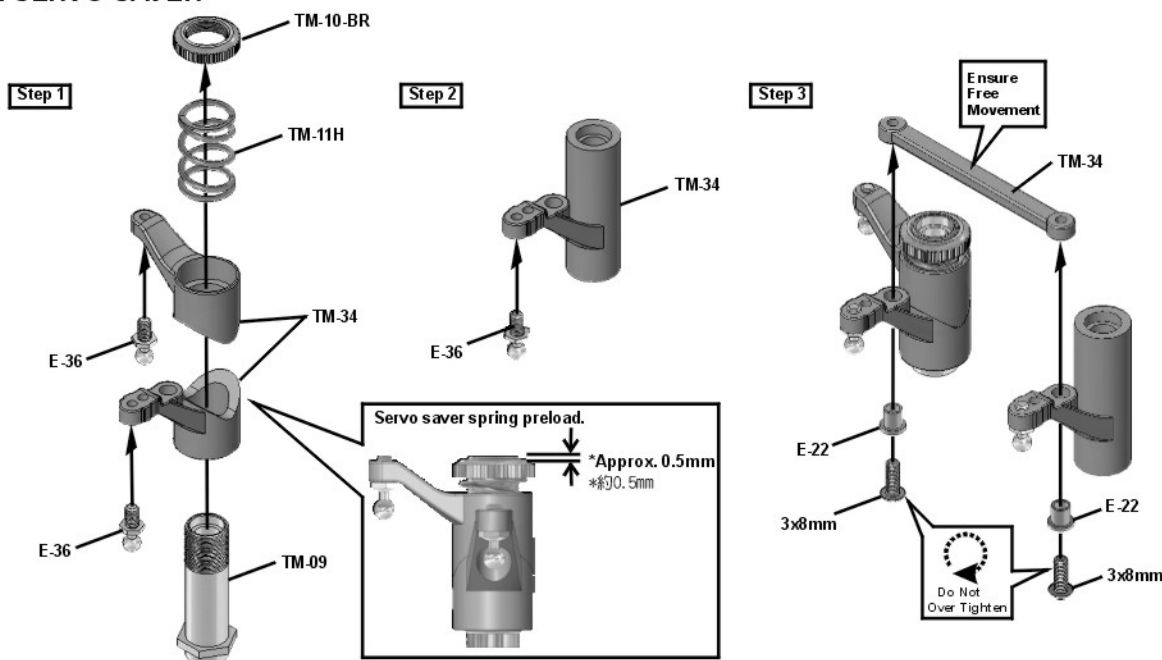


\*Approx. 3.5mm  
\*約 3mm



### 13 ASSEMBLY OF THE SERVO SAVER

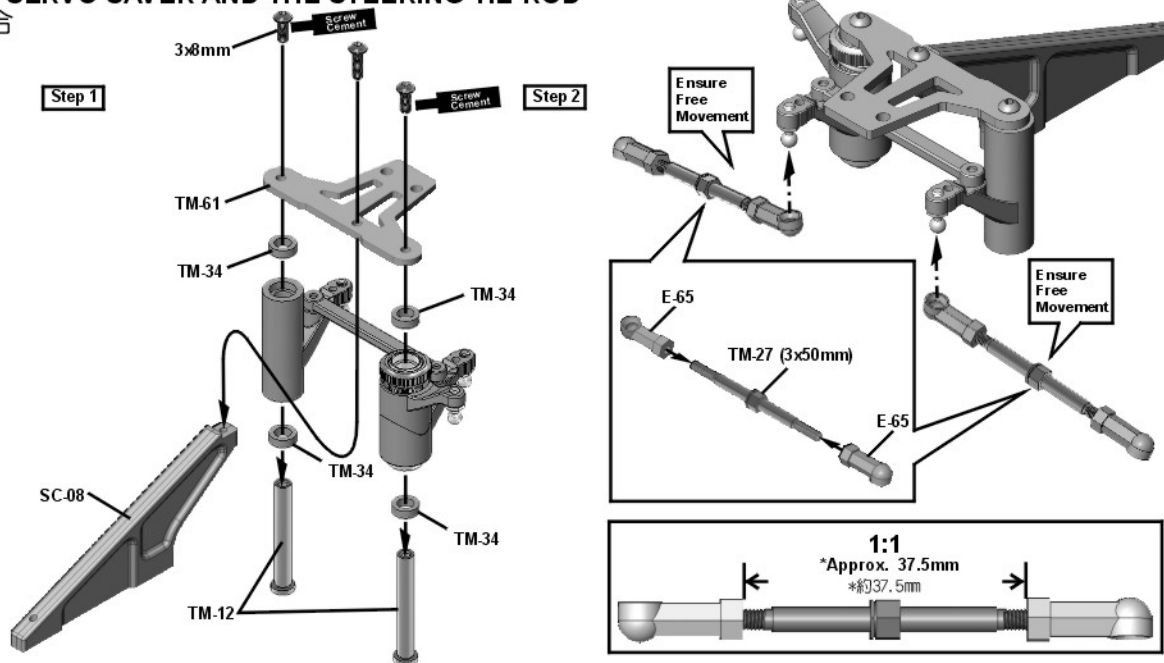
緩衝組組合



-  E-22 King Pin Bushing .....x2  
大王銷襯套
-  3x8mm Hex Screw .....x2  
半丸內六角螺絲

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

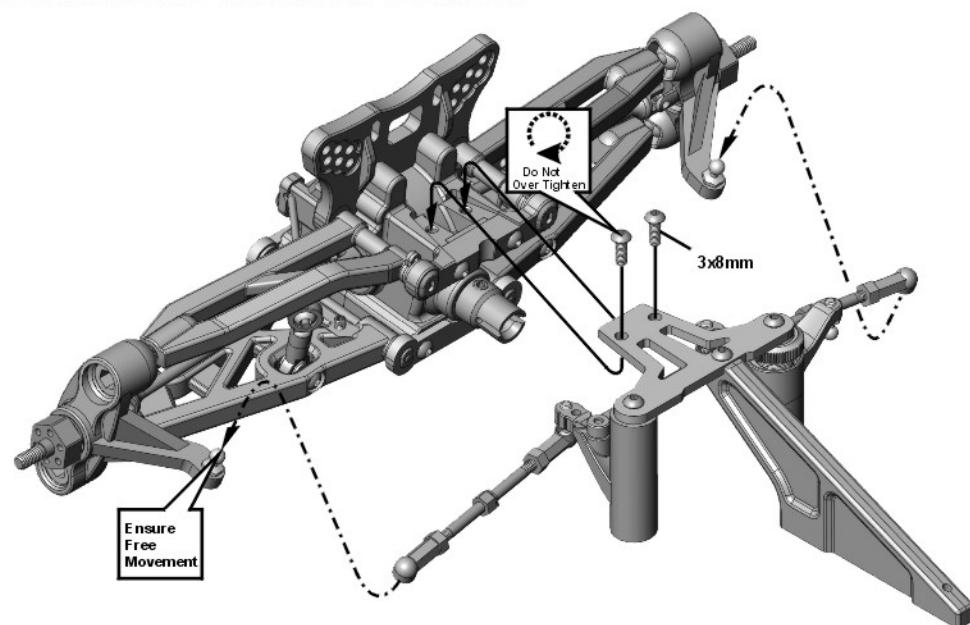
緩衝組及轉向拉桿組合



-  3x8mm Hex Screw .....x3  
半丸內六角螺絲
-  3x8mm Washer 墊片 .....x2
-  TM-34 5x8x2.5mm Plastic Bushing 塑膠培林 .....x4

### 15 ASSEMBLY OF THE SERVO SAVER ONTO THE FRONT GEAR BOX

緩衝組與前齒輪箱組合



-  3x8mm Hex Screw .....x2  
半丸內六角螺絲

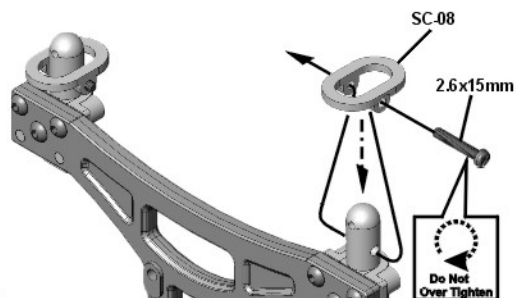
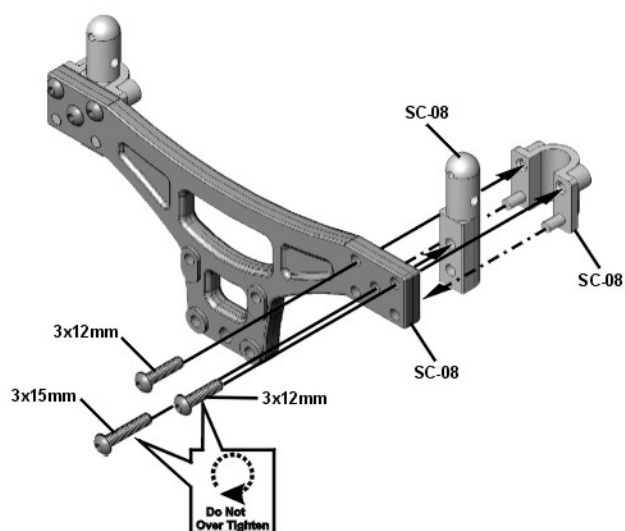
## 16 ASSEMBLY OF THE FRONT BODY POST 前車殼支柱組合

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

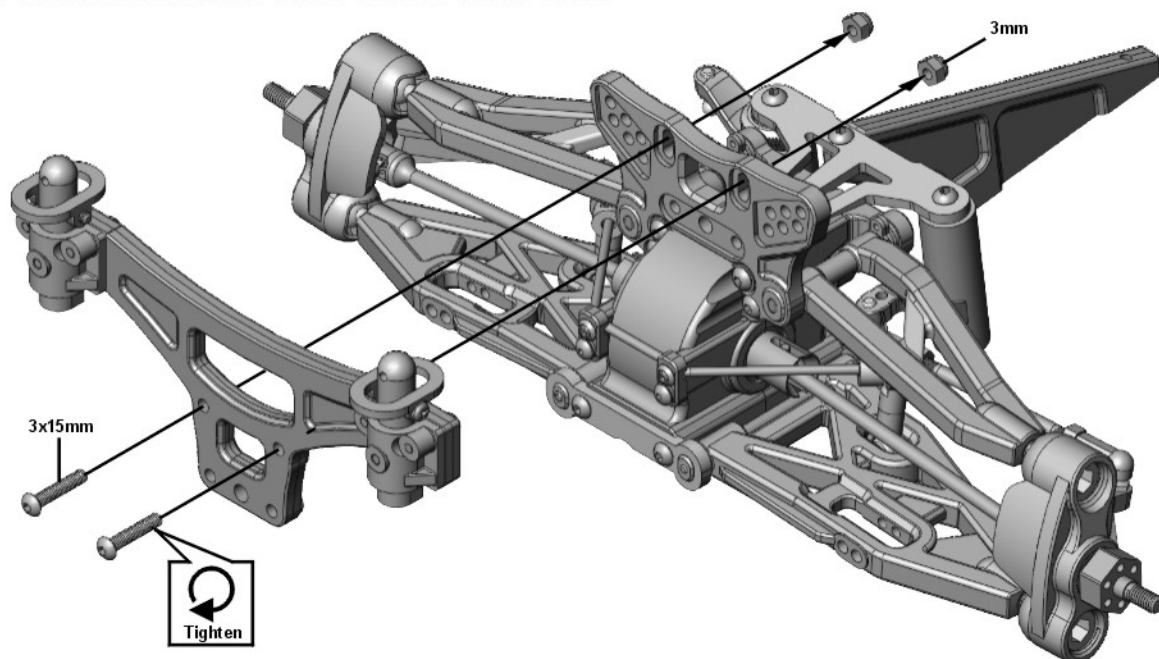
Step 1

Step 2

- |                     |         |
|---------------------|---------|
|                     | .....x4 |
| 3x12mm<br>Hex Screw | 半丸內六角螺絲 |
|                     | .....x2 |
| 3x15mm<br>Hex Screw | 半丸內六角螺絲 |
|                     | .....x2 |
| 2.6x15mm<br>Screw   | 丸十字螺絲   |

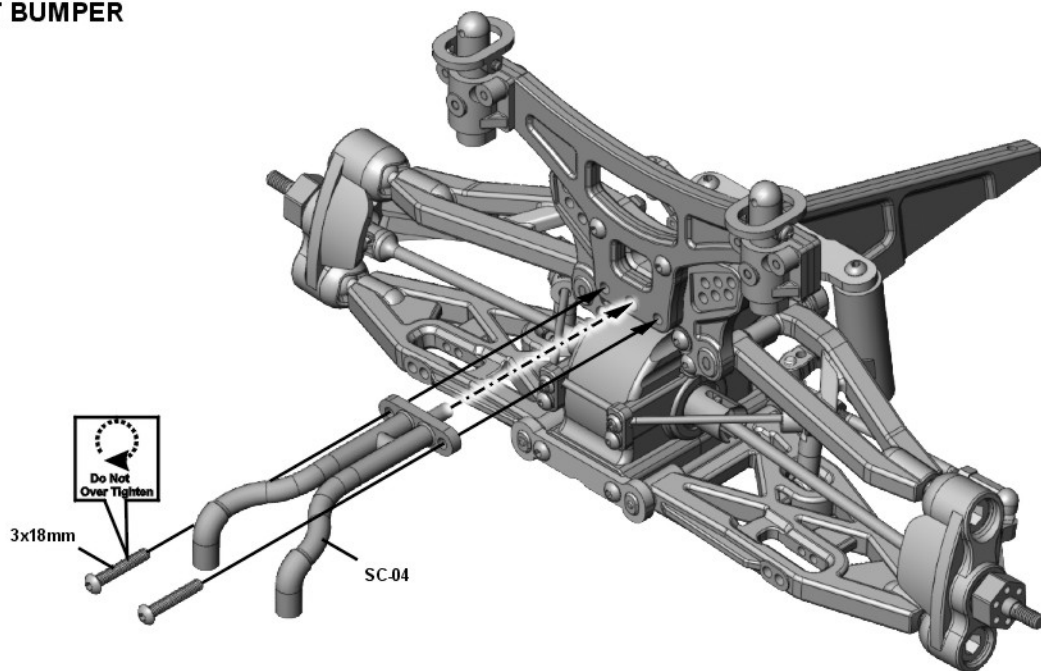


## 17 ASSEMBLY OF THE FRONT BODY STAY ONTO FRONT GEAR CASE 前車殼架組合



- |                     |         |
|---------------------|---------|
|                     | .....x2 |
| 3mm<br>Nylon Nut    | 尼龍螺帽    |
|                     | .....x2 |
| 3x15mm<br>Hex Screw | 半丸內六角螺絲 |

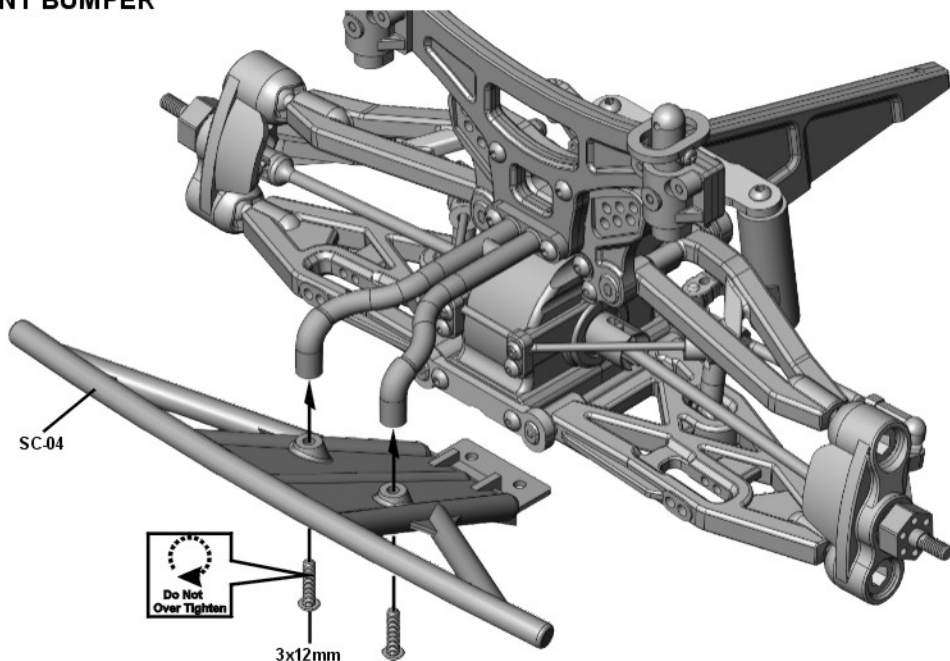
## 18 ASSEMBLY OF THE FRONT BUMPER 前防撞板組合



- |                     |         |
|---------------------|---------|
|                     | .....x2 |
| 3x18mm<br>Hex Screw | 半丸內六角螺絲 |

## 19 ASSEMBLY OF THE FRONT BUMPER

前防撞板組合



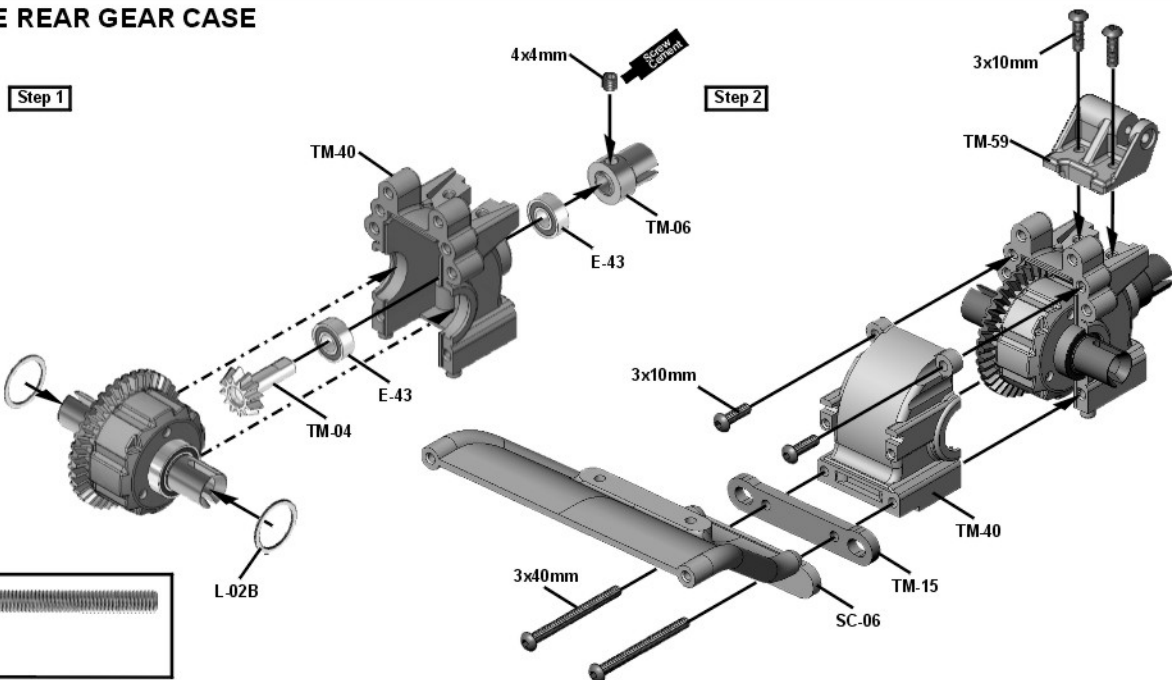
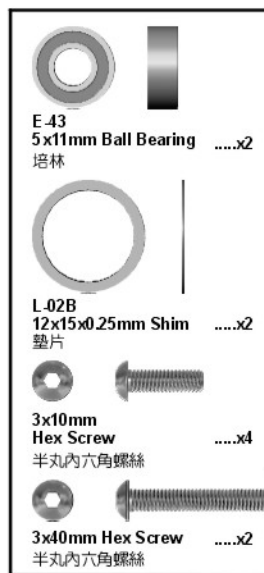
3x12mm

## 20 ASSEMBLY OF THE REAR GEAR CASE

後齒輪箱組合

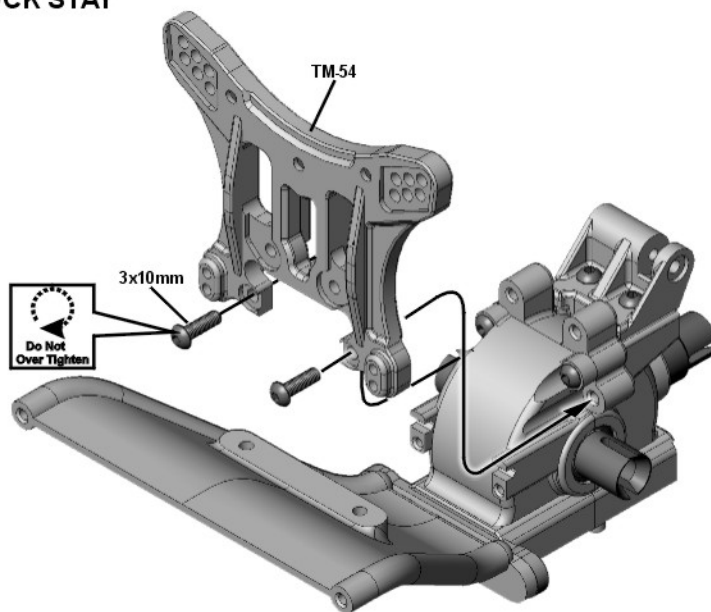
Step 1

Step 2



## 21 ASSEMBLY OF THE REAR SHOCK STAY

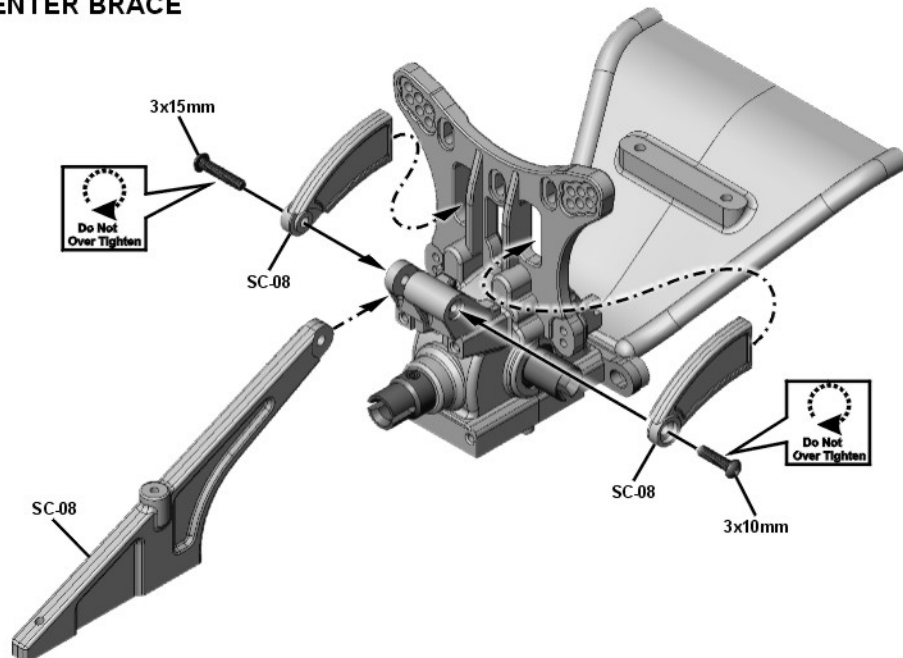
後油壓架組合





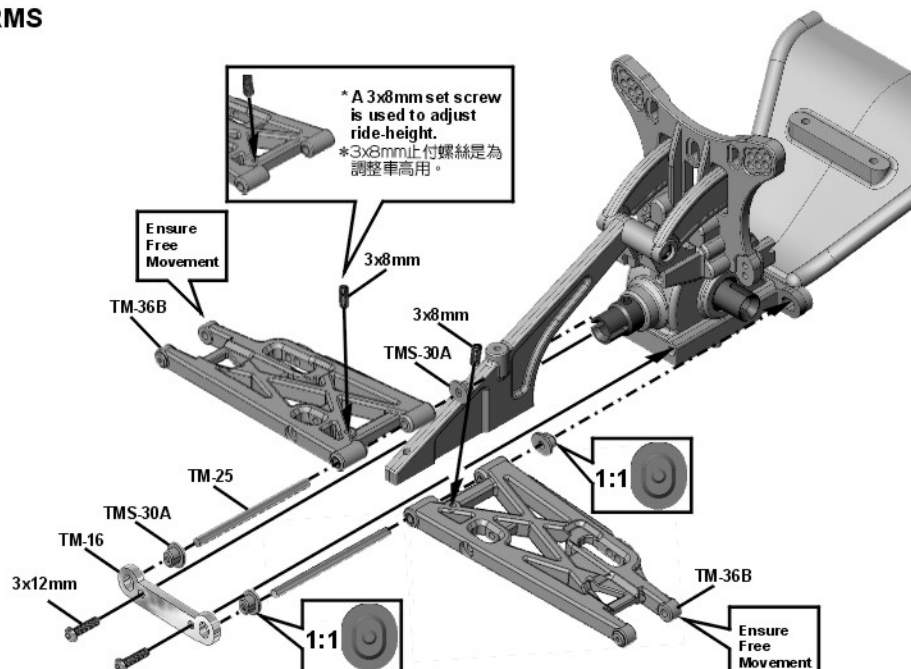
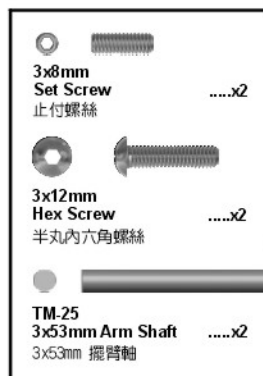
## 22 ASSEMBLY OF THE REAR CENTER BRACE

### 後中央補強桿組合



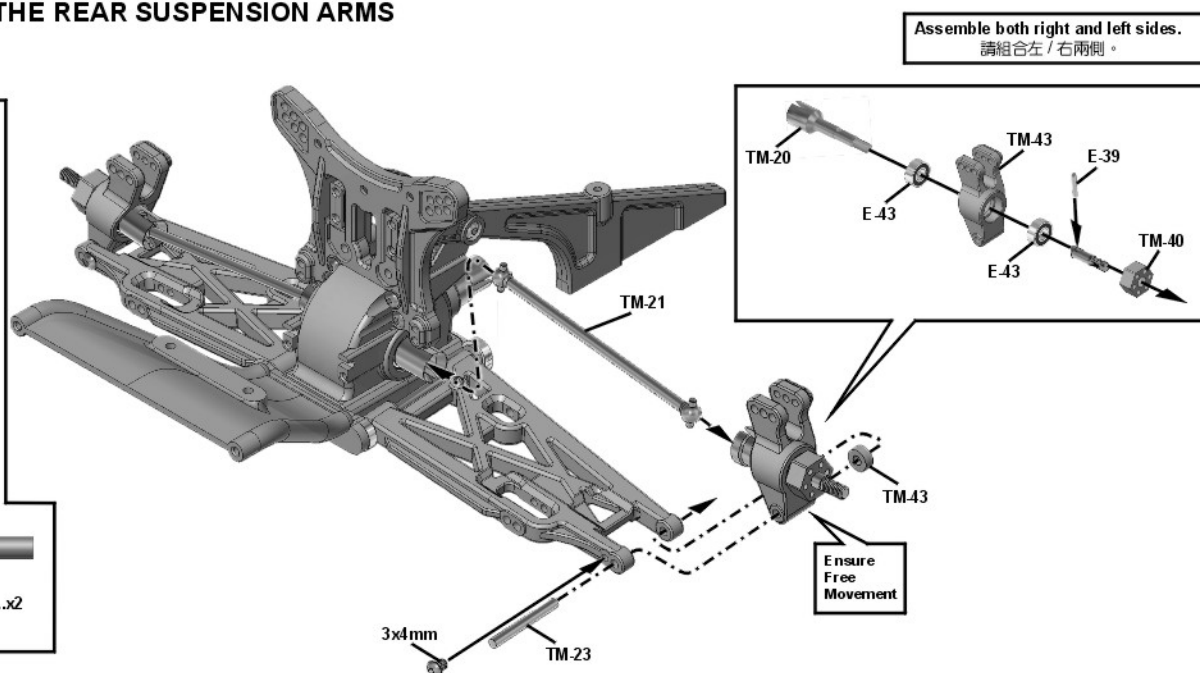
## 23 ASSEMBLY OF THE REAR LOWER ARMS

### 後下擺臂組合



## 24 ASSEMBLY OF THE REAR SUSPENSION ARMS

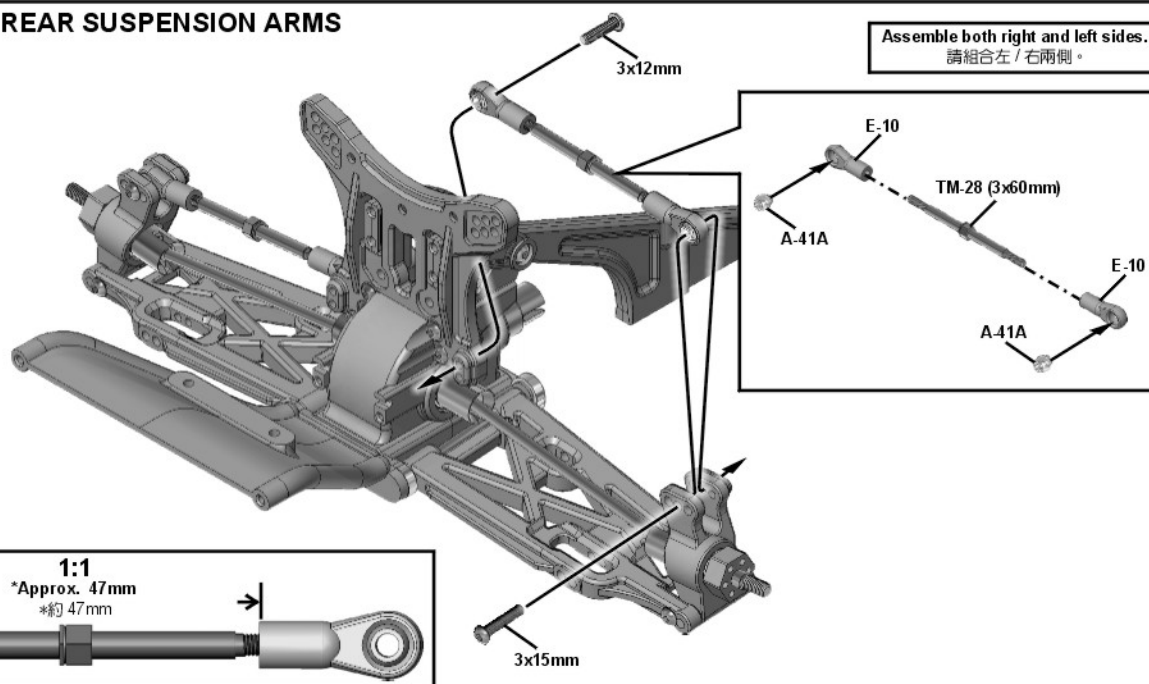
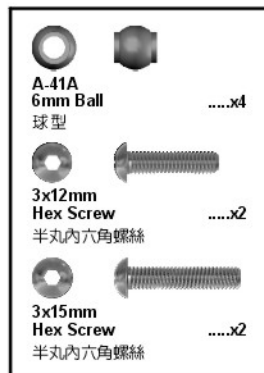
### 後懸吊系統組合



## 25 ASSEMBLY OF THE REAR SUSPENSION ARMS

### 後懸吊系統組合

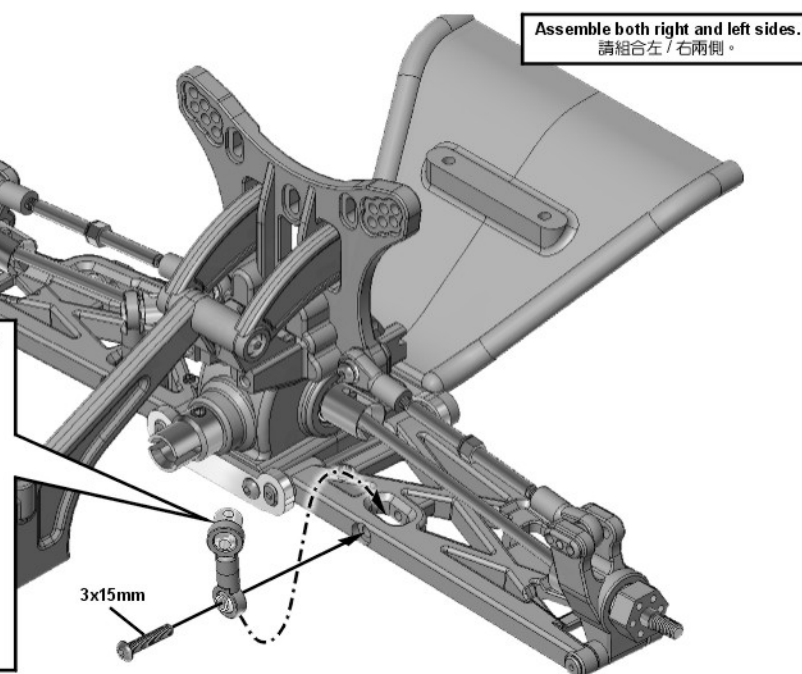
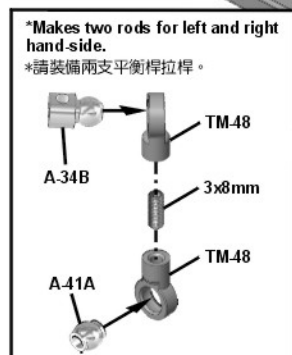
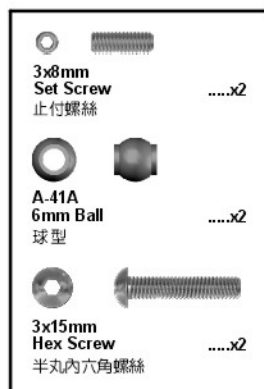
Assemble both right and left sides.  
請組合左 / 右兩側。



## 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。



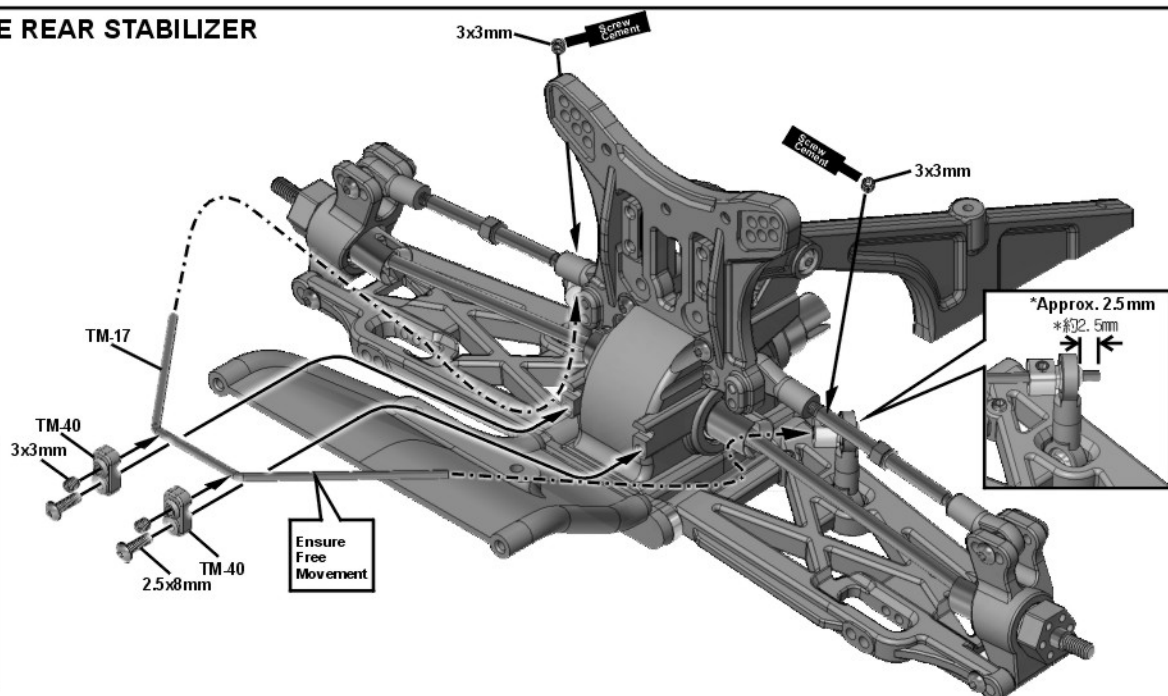
## 27 ASSEMBLY OF THE REAR STABILIZER

### 後平衡桿組合

3x3mm Screw Capener

3x3mm Screw Capener

\*Approx. 2.5mm  
\*約 2.5mm

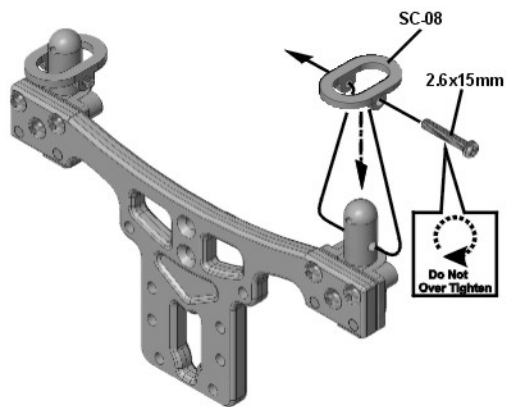
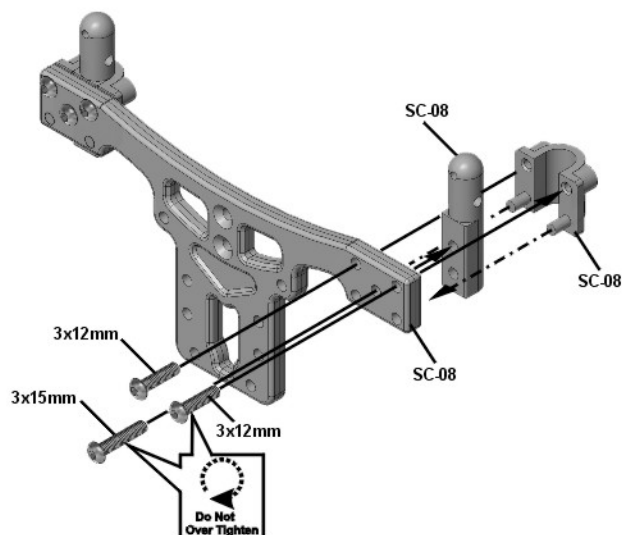


## 28 ASSEMBLY OF THE REAR BODY POST 後車殼支柱組合

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

Step 1

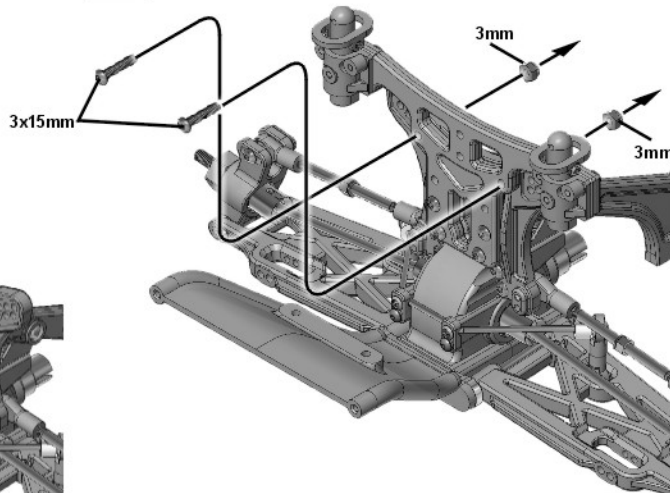
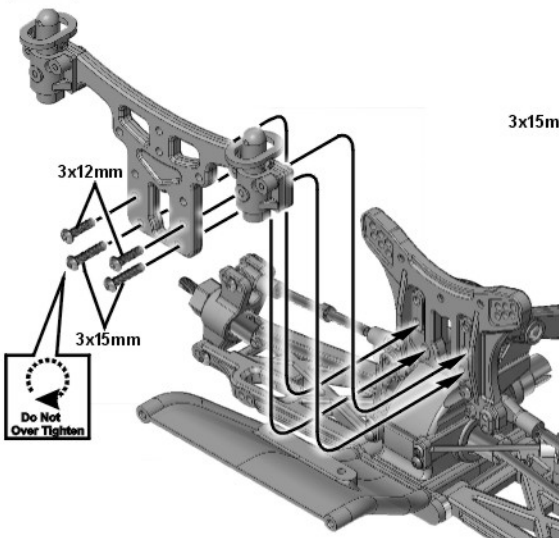
Step 2



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

Step 1

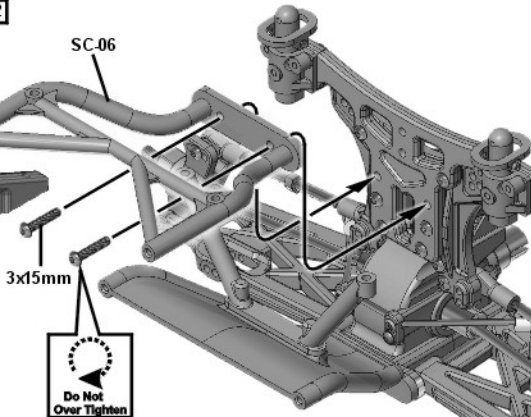
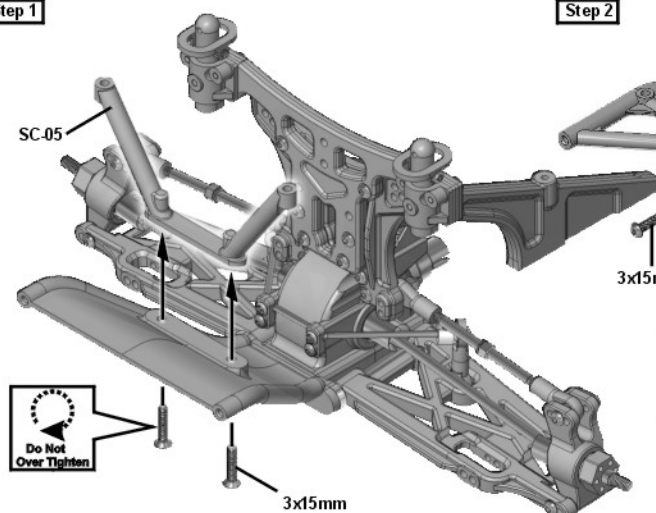
Step 2



## 30 ASSEMBLY OF THE REAR BUMPER 後防撞板組合

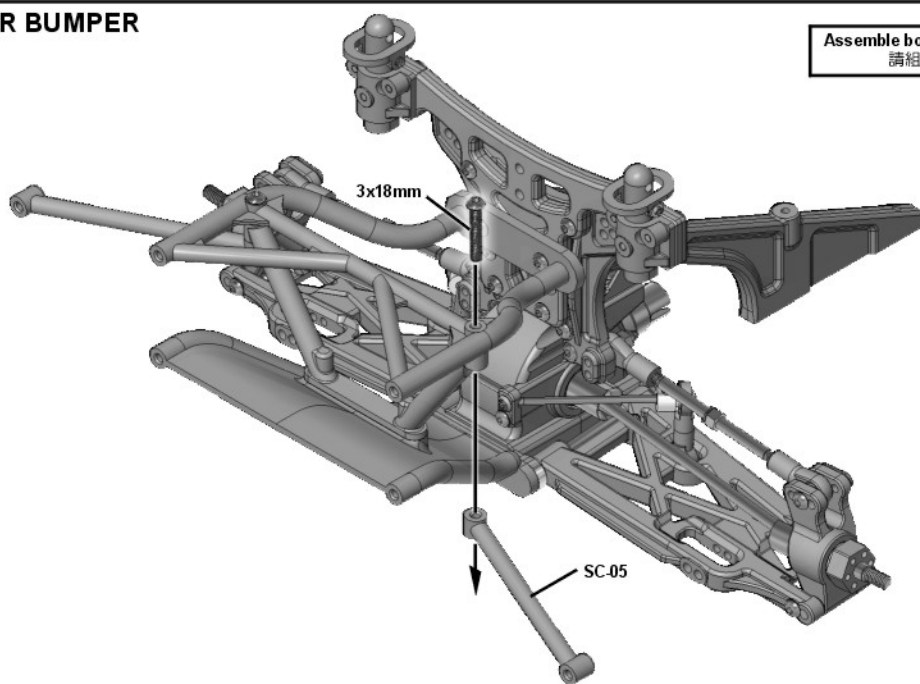
Step 1

Step 2

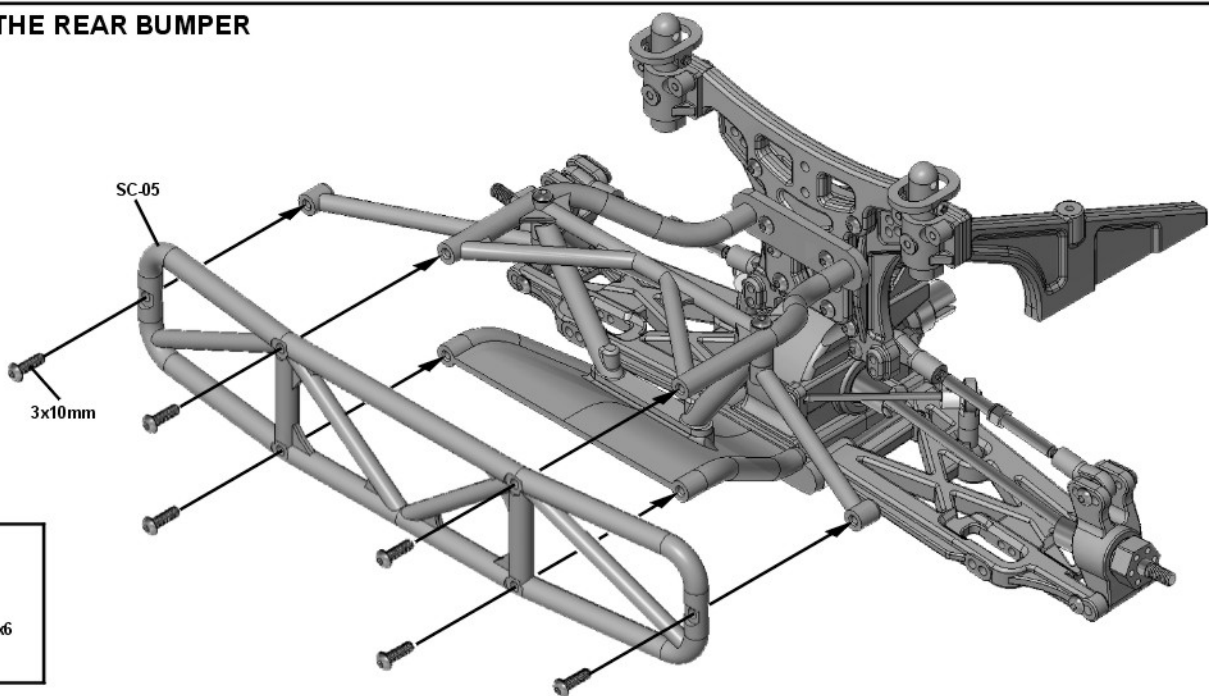


### 31 ASSEMBLY OF THE REAR BUMPER 後防撞板組合

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



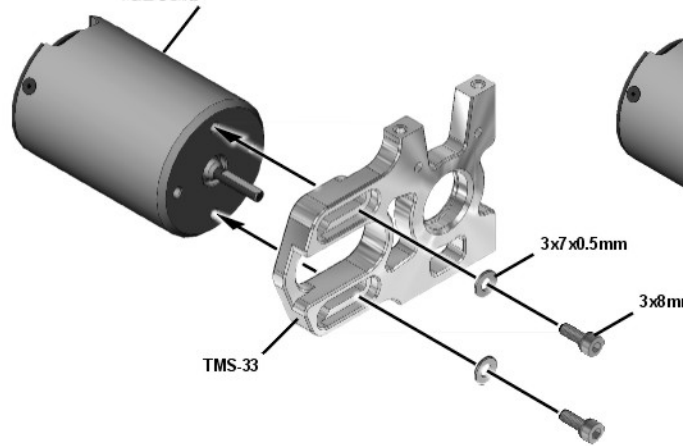
### 32 ASSEMBLY OF THE REAR BUMPER 後防撞板組合



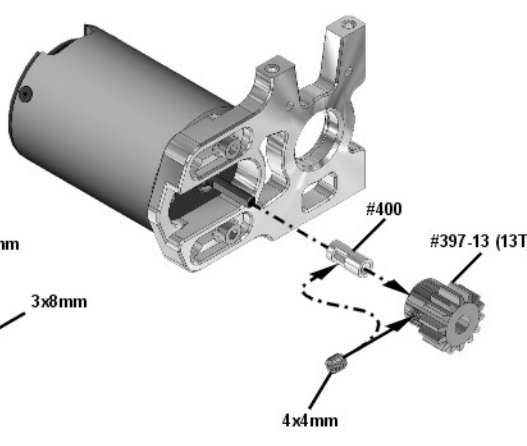
### 33 MOTOR INSTALL 安裝馬達

Step 1

Motor (Not included)  
馬達 (另購)



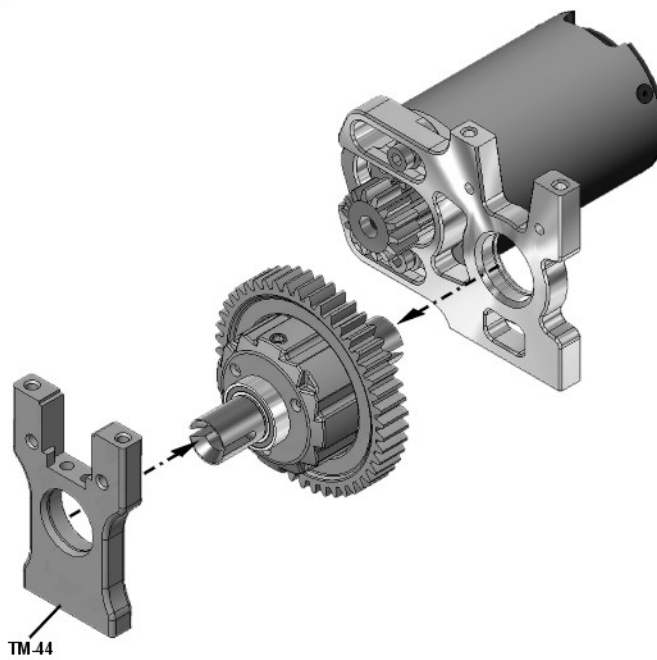
Step 2





### 34 ASSEMBLY OF THE MOTOR MOUNT

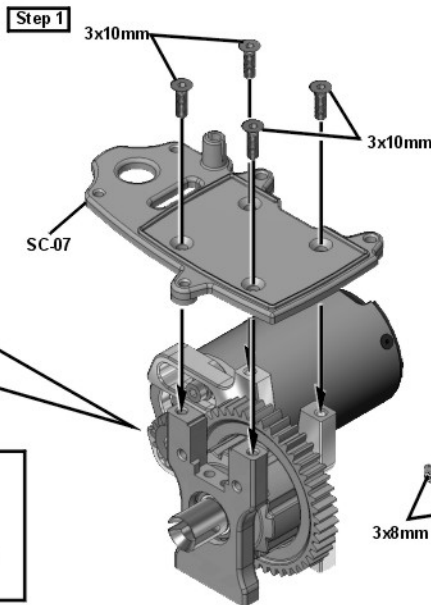
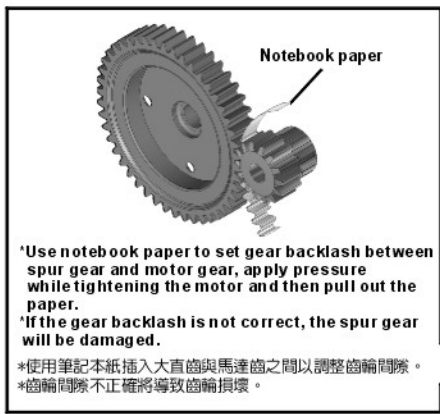
中央差速器與馬達座組合



TM-44

### 35 ASSEMBLY OF THE CENTER DIFF. PLATE

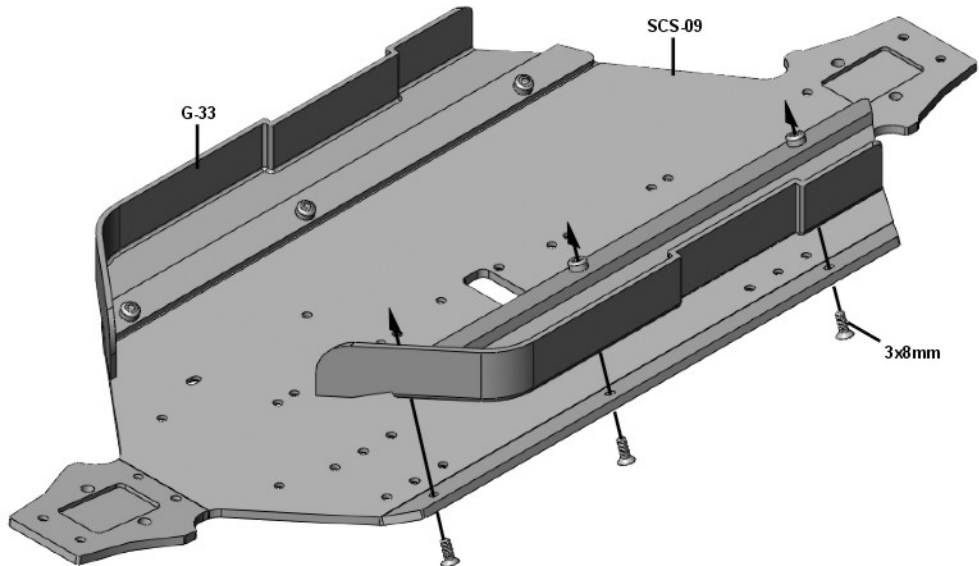
組合中差板與電子變速器座



### 36 ASSEMBLY OF THE STONE GUARD

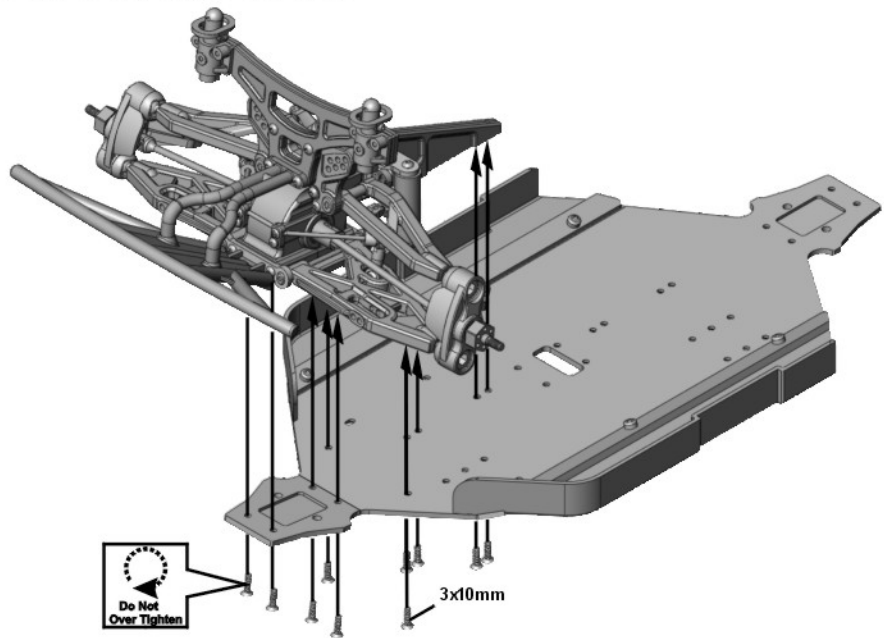
防塵板組合

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



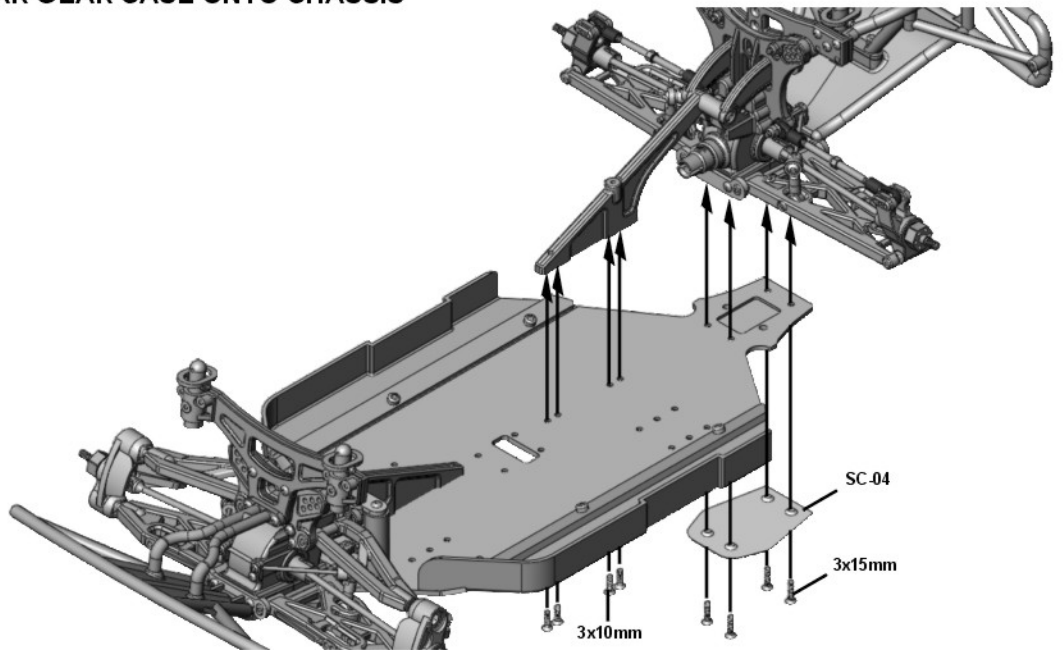
### 37 ASSEMBLY OF THE FRONT GEAR CASE ONTO CHASSIS

組合前齒輪箱至底盤



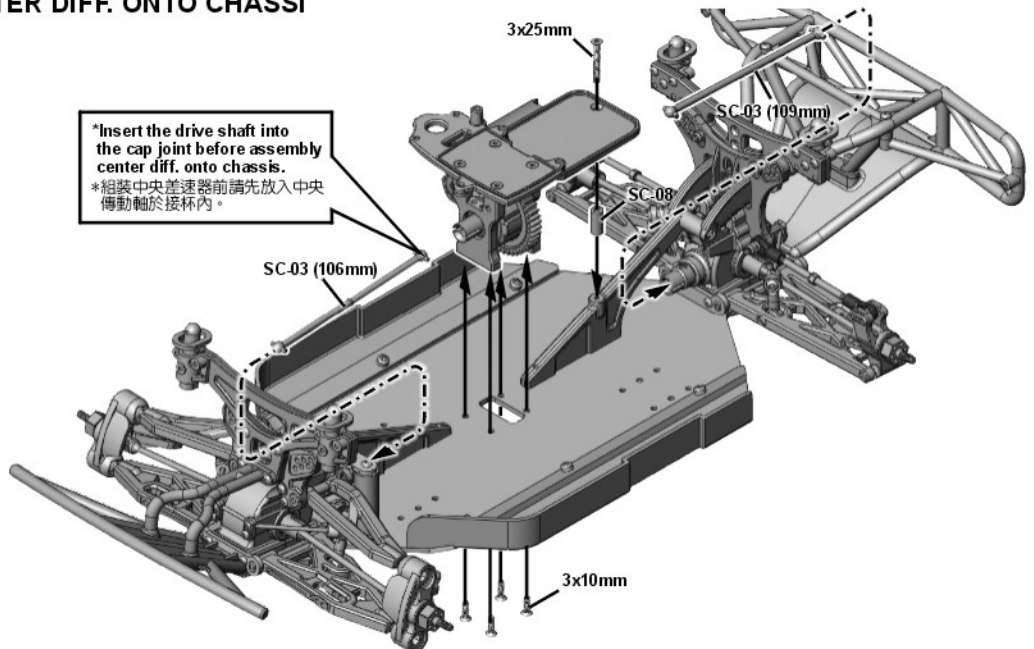
### 38 ASSEMBLY OF THE REAR GEAR CASE ONTO CHASSIS

組合後齒輪箱至底盤



### 39 ASSEMBLY OF THE CENTER DIFF. ONTO CHASSIS

組合中差座至底盤

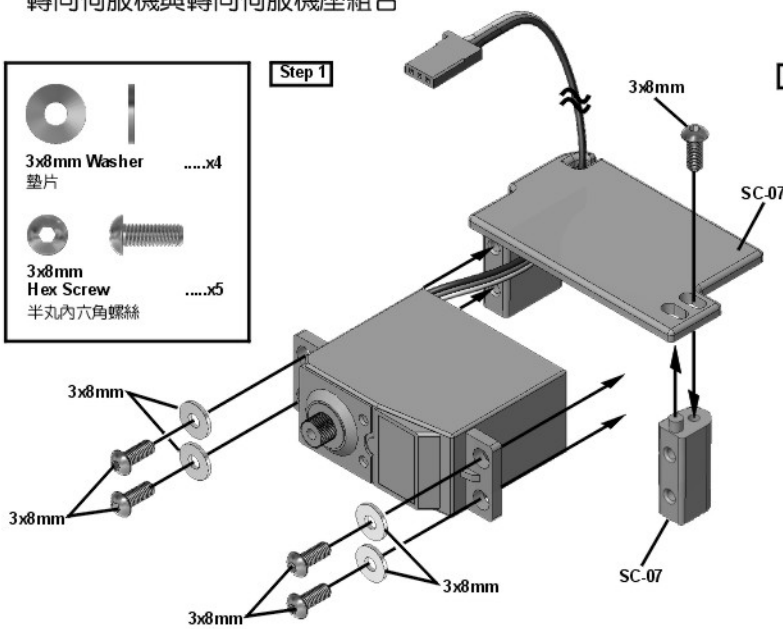


#### 40 ASSEMBLY OF THE FRONT STEERING SERVO

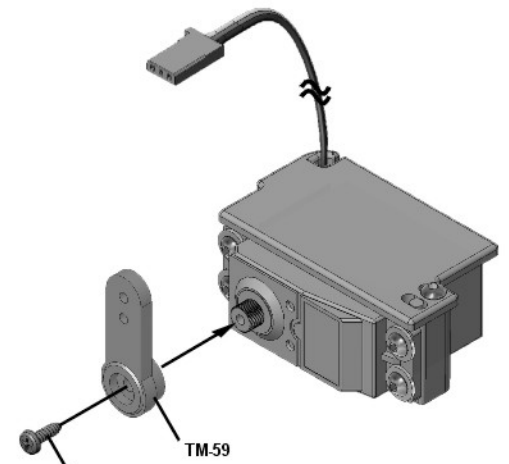
轉向伺服機與轉向伺服機座組合



Step 1



Step 2



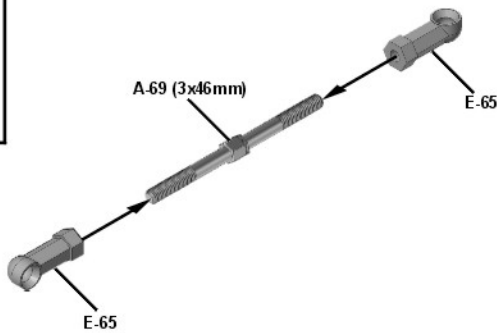
\* Use the screw provided with your servo.  
\* 請使用伺服機所附之螺絲。

#### 41 ASSEMBLY OF THE STEERING TIE-ROD

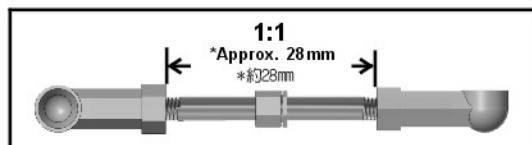
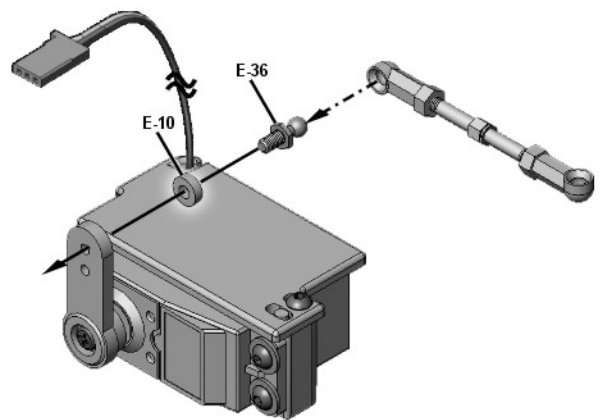
轉向伺服機與轉向拉桿組合



Step 1

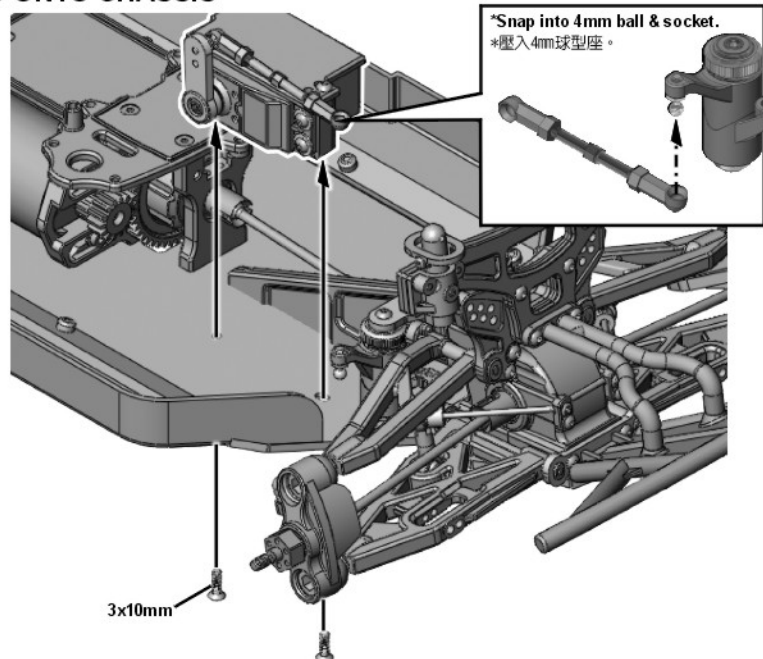


Step 2



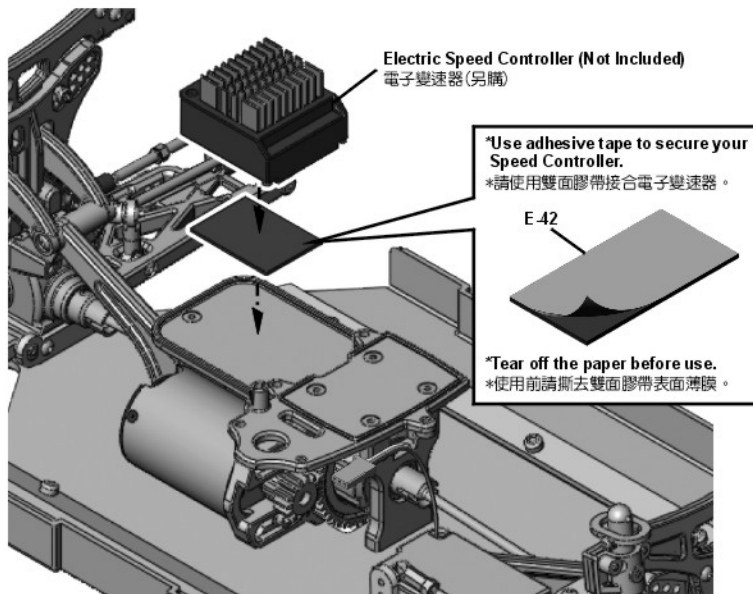
#### 42 ASSEMBLY OF THE STEERING SERVO ONTO CHASSIS

組合轉向伺服機至底盤



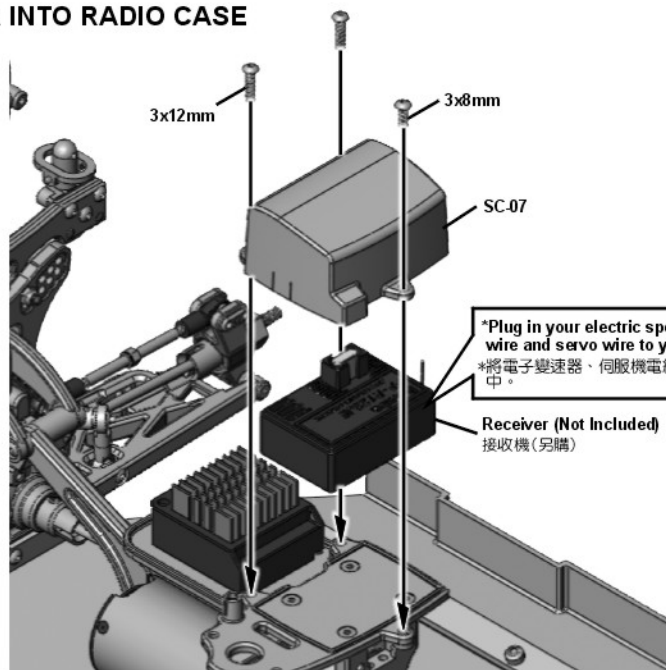
### 43 ASSEMBLY OF THE ELECTRIC SPEED CONTROLLER ONTO CONTROLLER MOUNT

組合電子變速器至電子變速器座



### 44 ASSEMBLY OF THE RECEIVER INTO RADIO CASE

組合接收機至接收機盒

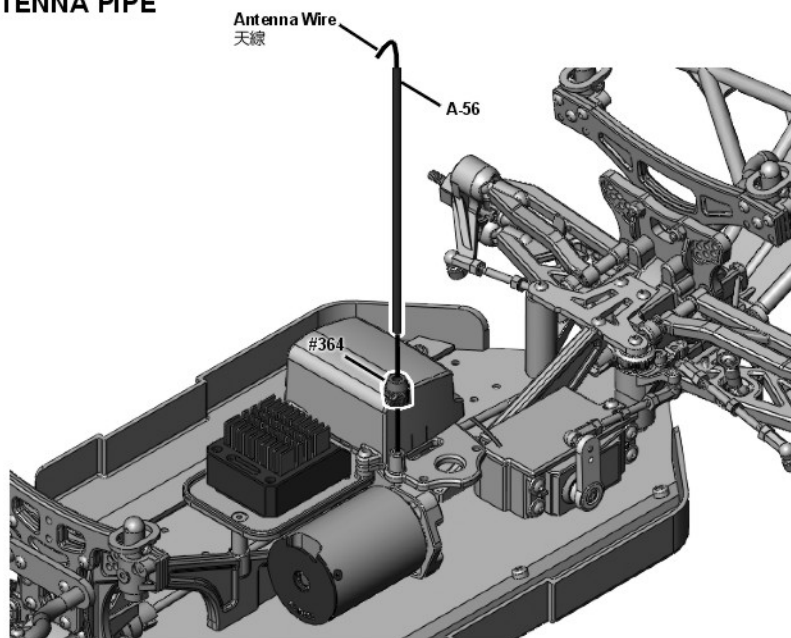


\*To assemble your personal transponder see page 21.  
\*個人計圈器組裝請見第21頁。



### 45 ASSEMBLY OF THE ANTENNA PIPE

組合天線管



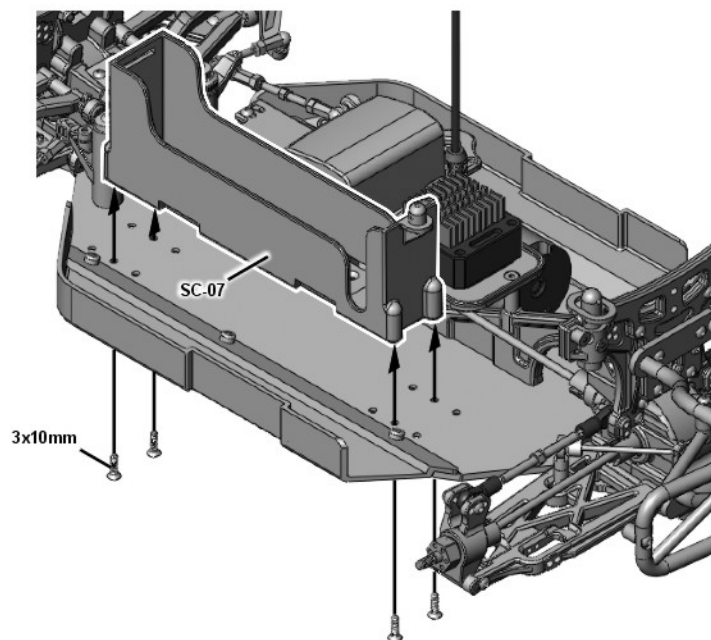


## 46 ASSEMBLY OF THE BATTERY CASE ONTO CHASSIS

組合電池盒至底盤

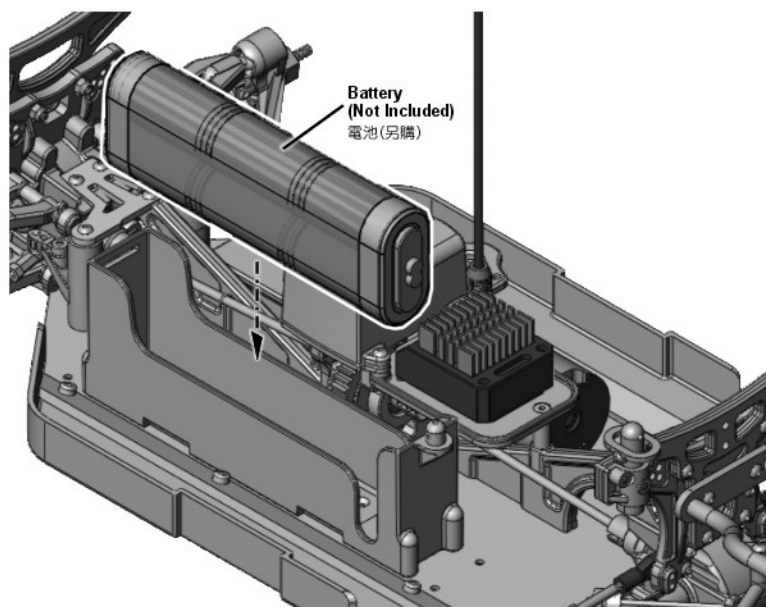


3x10mm  
Flat Head Hex Screw .....4  
皿頭內六角螺絲



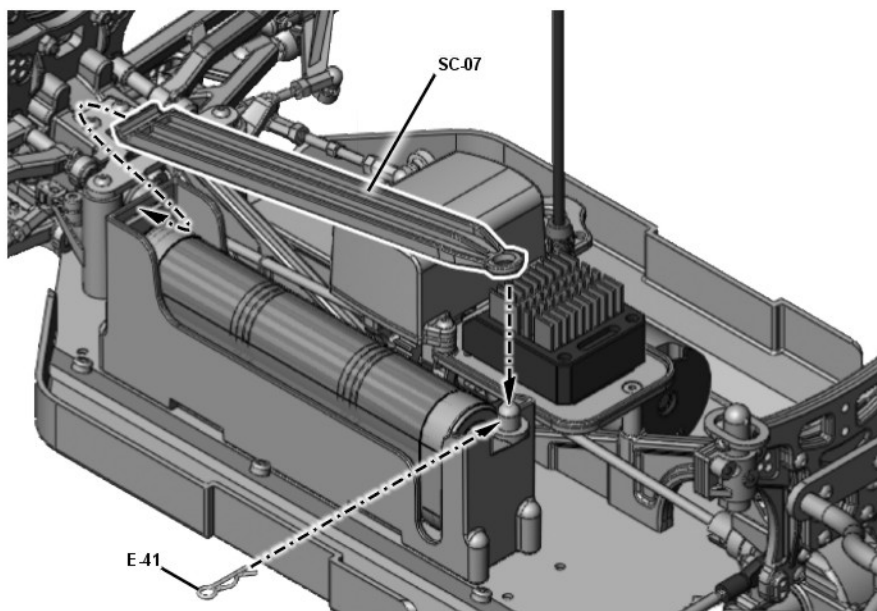
## 47 BATTERY INSTALL

安裝電池



## 48 ASSEMBLY OF BATTERY SECURE PLATE

安裝電池



# 49 ASSEMBLY OF THE FRONT SHOCKS \*Make 2 sets for front

## 前避震器組合

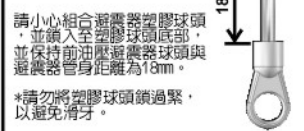
\*請組合 2 支前面用

### CORRECT SHOCK ASSEMBLY

油壓避震器正確組合

Carefully screw the shock shaft into the bottom of the plastic ball and until the distance between the ballend and the shock body is 18mm for the front.

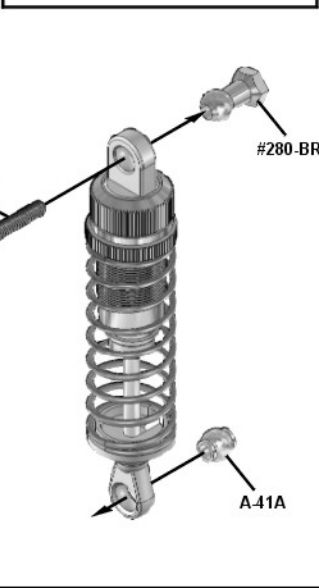
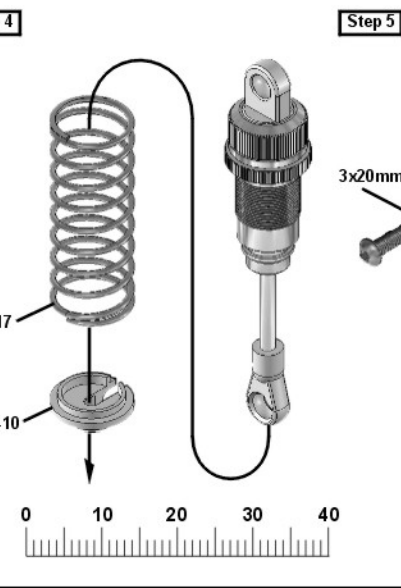
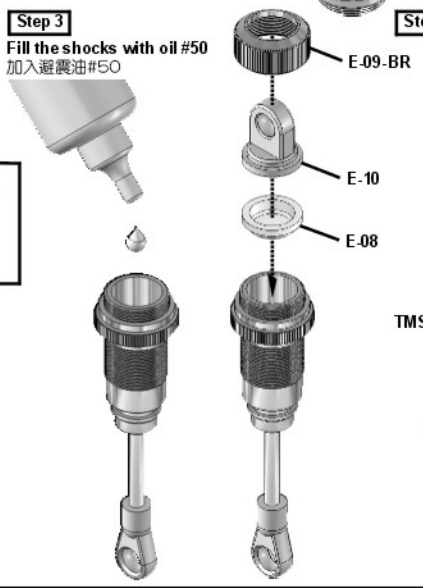
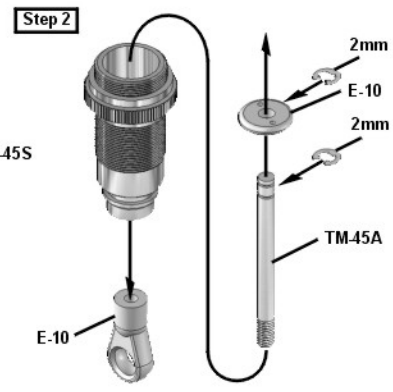
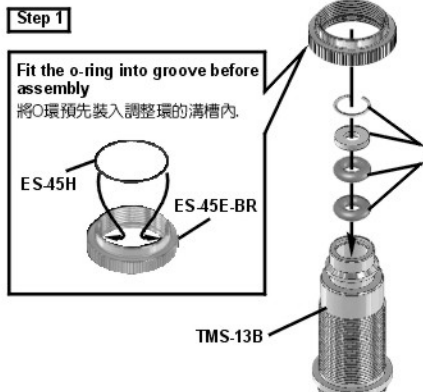
N.B. Do not over tighten as the plastic will strip.



請小心組合前避震器塑膠球頭，並鎖入全塑膠球頭底部，並保持前油壓避震器球頭與避震器筒身距離為18mm。  
\*請勿將塑膠球頭鎖過緊，以免免滑牙。

- 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 半孔內六角螺絲 .....x2

1. Pull down piston and pour oil into shock cylinder.
  2. To 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 \*Make 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 and until the distance between the ballend and the shock body is 32mm for the front.

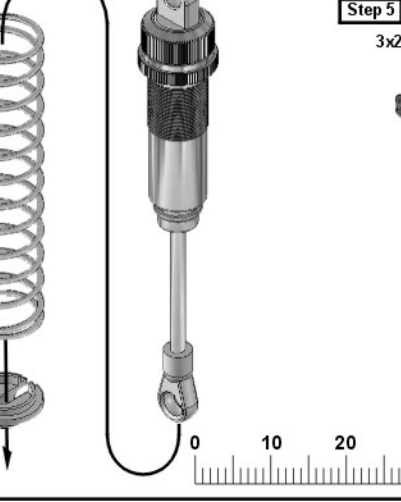
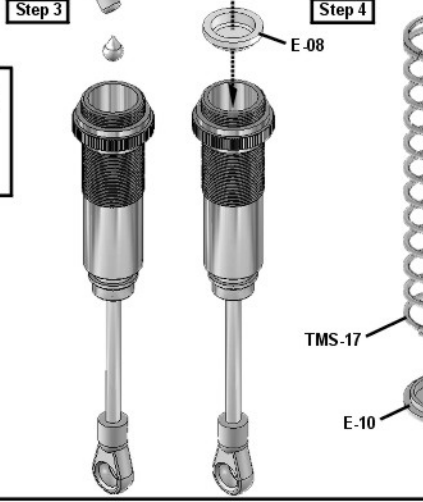
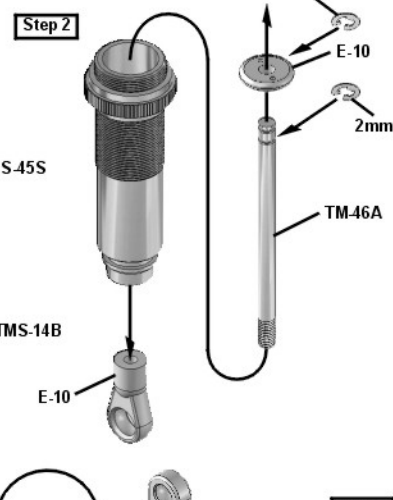
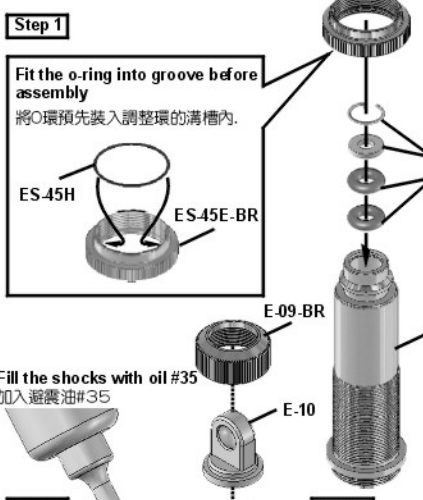
N.B. Do not over tighten as the plastic will strip.



請小心組合前避震器塑膠球頭，並鎖入全塑膠球頭底部，並保持前油壓避震器球頭與避震器筒身距離為32mm。  
\*請勿將塑膠球頭鎖過緊，以免免滑牙。

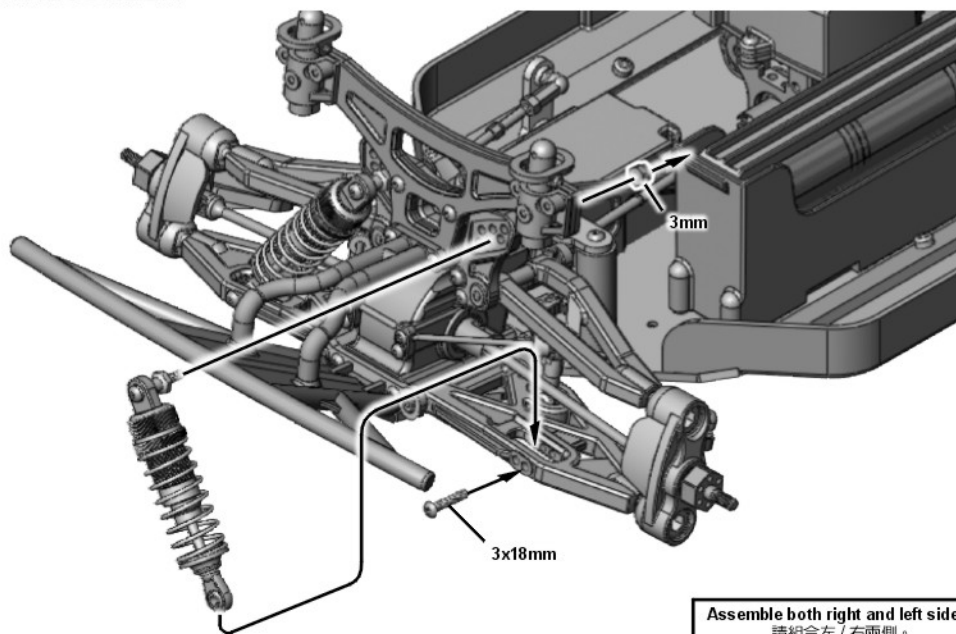
- ES-45S C-Ring C扣環 .....x2
- ES-45S Washer (Black) 黑色墊片 .....x2
- ES-45S P3 O-Ring P3 O環 .....x4
- A-41A 6mm Ball 球型 .....x2
- 3x20mm Hex Screw 半孔內六角螺絲 .....x2

1. Pull down piston and pour oil into shock cylinder.
  2. To 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



.....x2

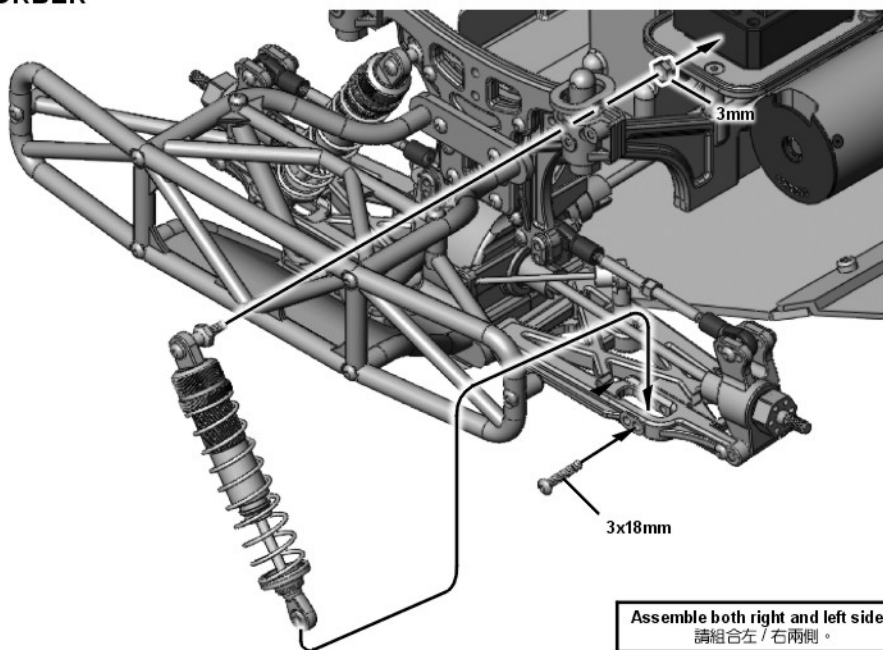


.....x2

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



.....x2

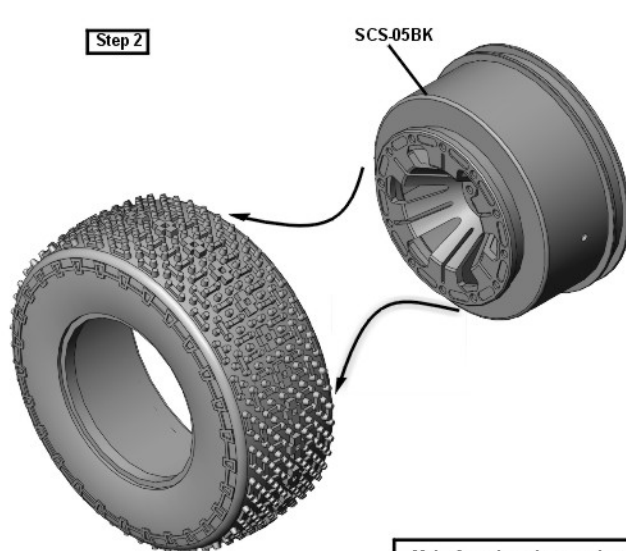
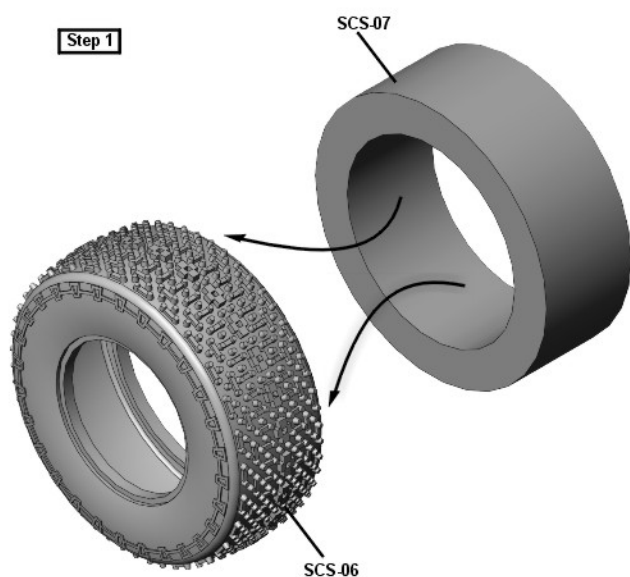


.....x2

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。



## 54 ASSEMBLY OF THE TIRES AND WHEELS

輪胎與輪圈組合

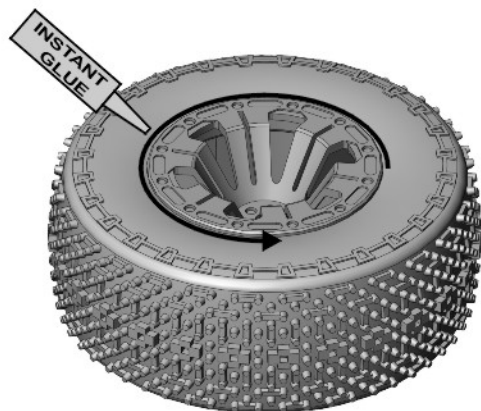
●Use "Instant glue" and draw a line a round the rim where it attaches the tire. When it is dry glue the other side of the rim.

請在輪圈與輪胎接合處用「瞬間膠水」粘合。並等其乾固之後再粘合另外一面。

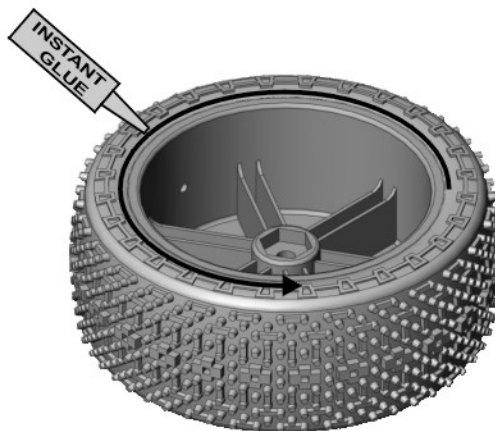
●Repeat the step and ensure the rim and tire are fully glued.

請重複步驟確定輪胎與輪圈完全粘合，以避免脫落。

Step 1

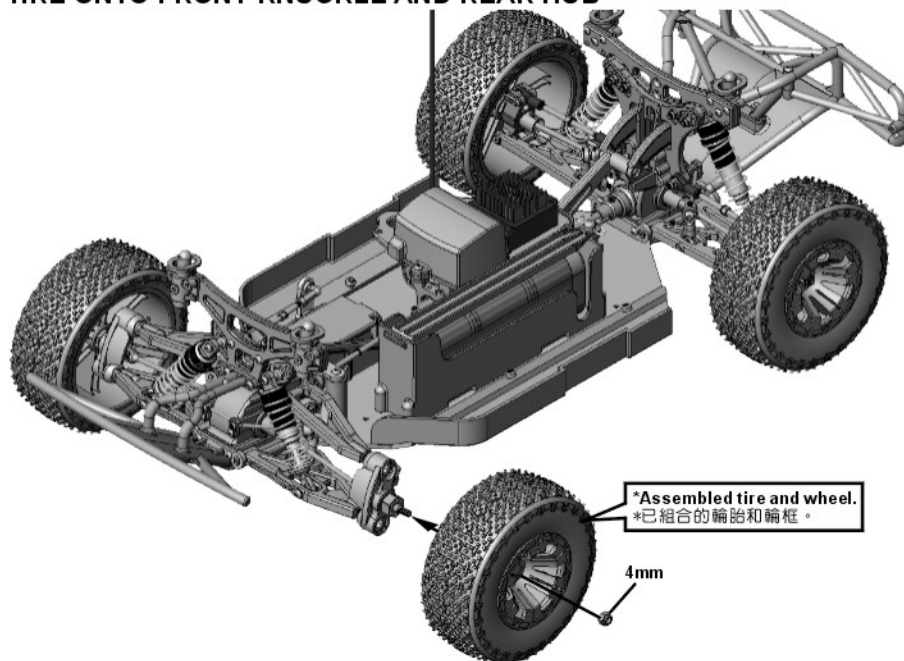


Step 2



## 55 ASSEMBLY OF THE TIRE ONTO FRONT KNUCKLE AND REAR HUB

安裝輪胎至車體

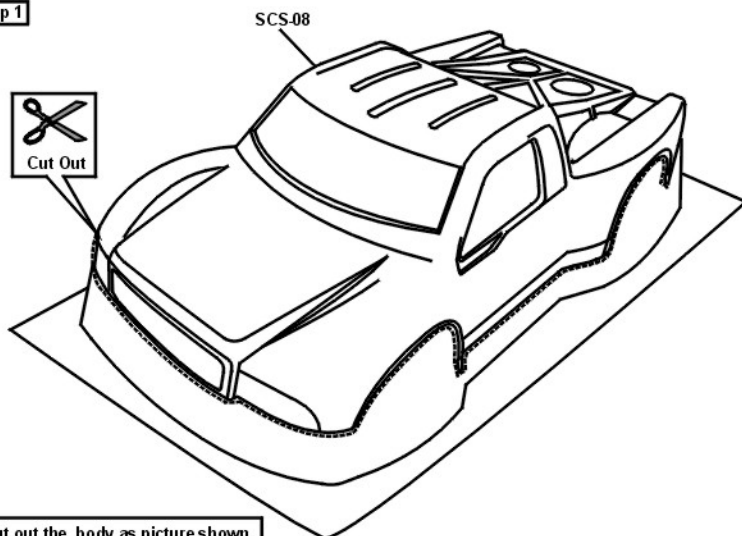


4mm Nylon Nut .....x4  
4mm防鬆螺帽

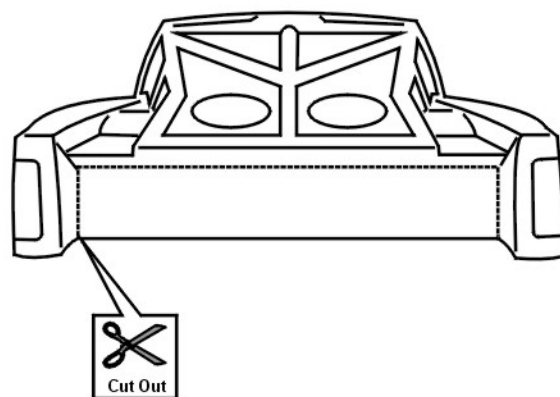
## 56 MOUNTING BODY

組合車殼

Step 1



Step 2



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

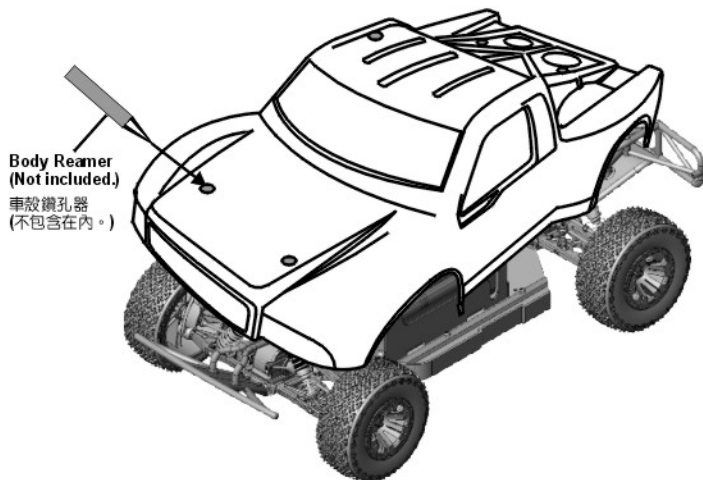
## 57 ASSEMBLY OF THE BODY

### 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.

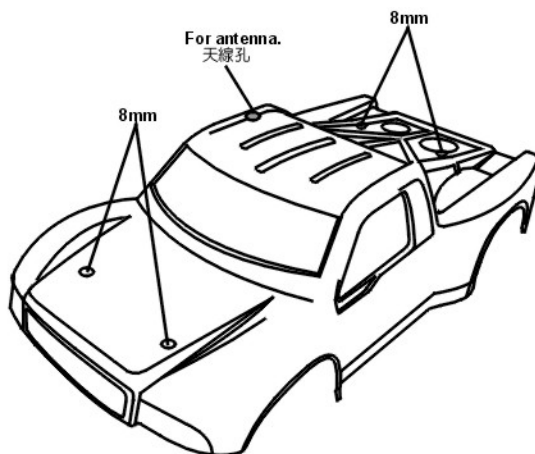
\*在剪裁車殼及鑽孔之前請先確認車殼支柱位置。



#### Step 2

\*Use body reamer or drill to make two 8mm holes in the front and two 8mm holes in the rear.

\*用車殼開孔器或鑽尾挖出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

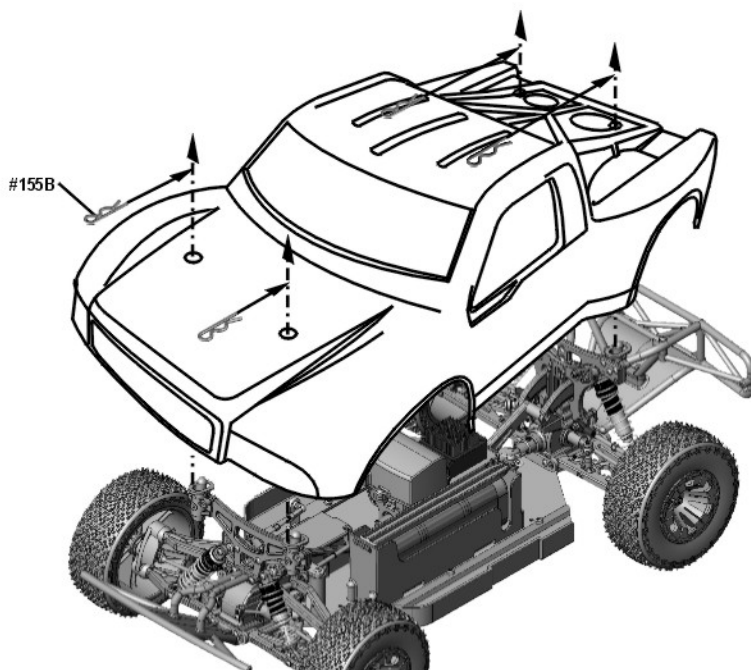
\*Paint the body with polycarbonate spray paints.

\*由內面貼上彩繪貼紙再使用車殼專用噴漆塗裝車殼。



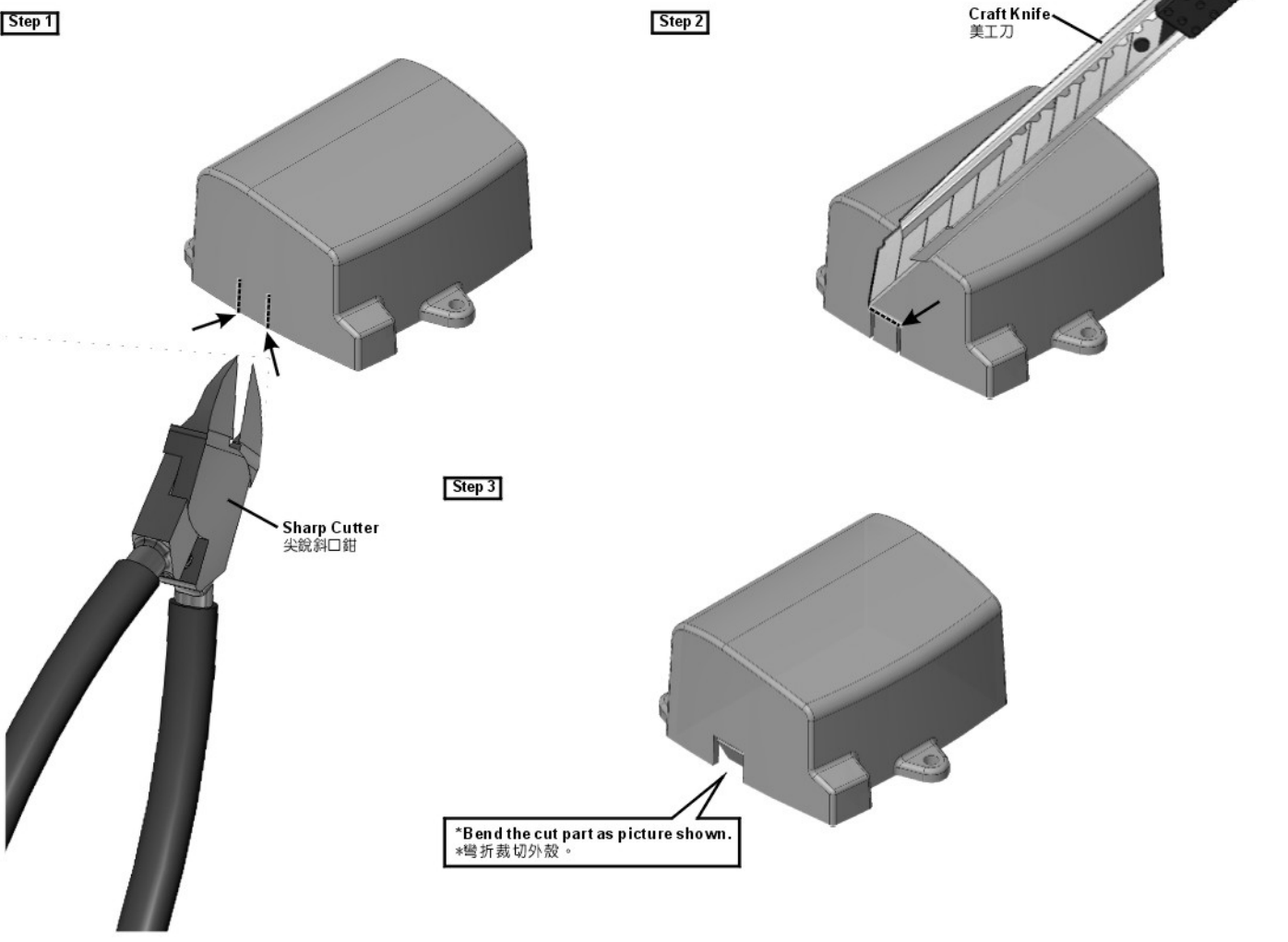
## 59 MOUNTING BODY

### 組合車殼



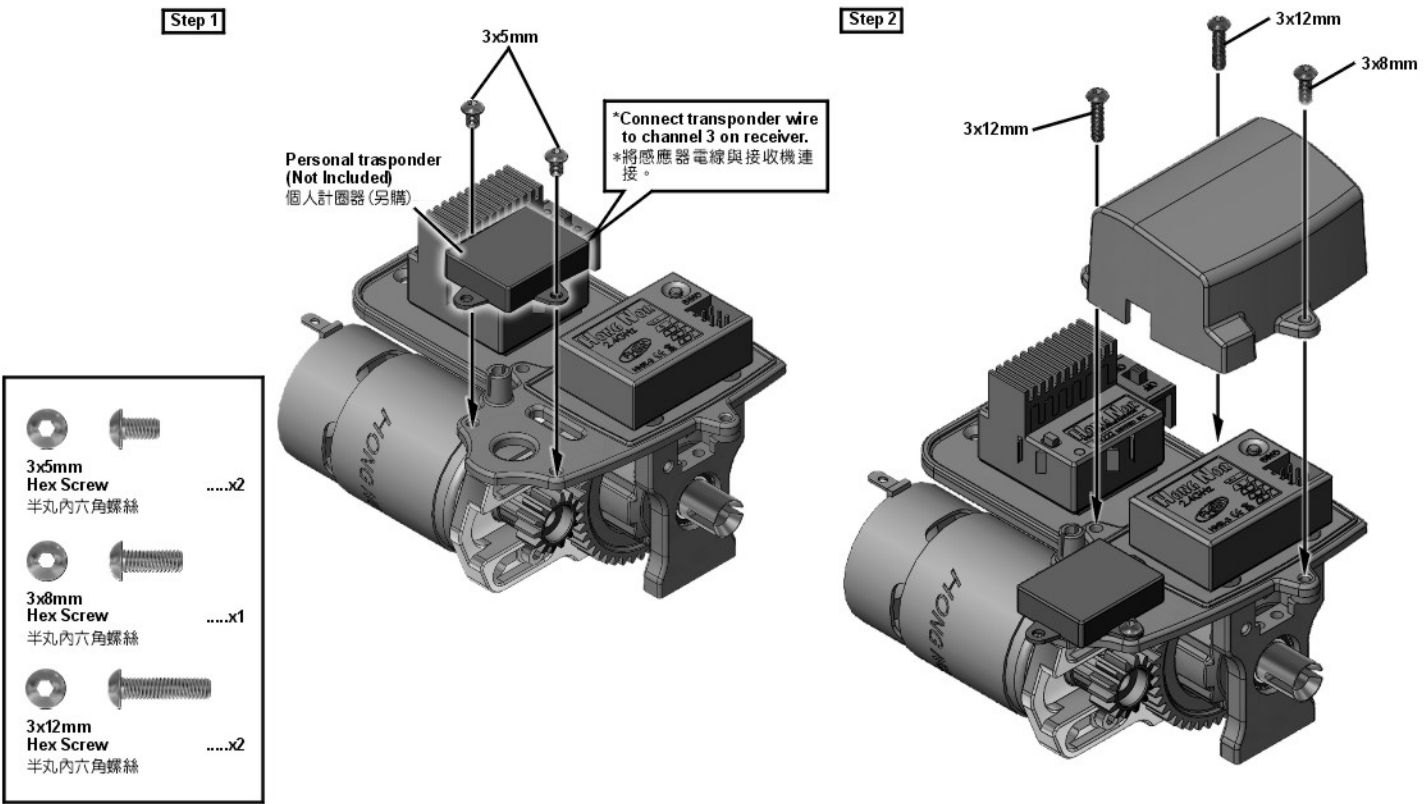
CUT THE RADIO CASE

接收機盒裁切



ASSEMBLY OF THE TRANSPONDER

感應器組裝



# NEXX 10SC 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: \_\_\_\_\_

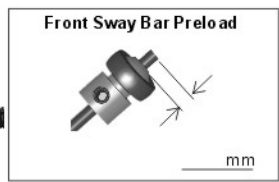
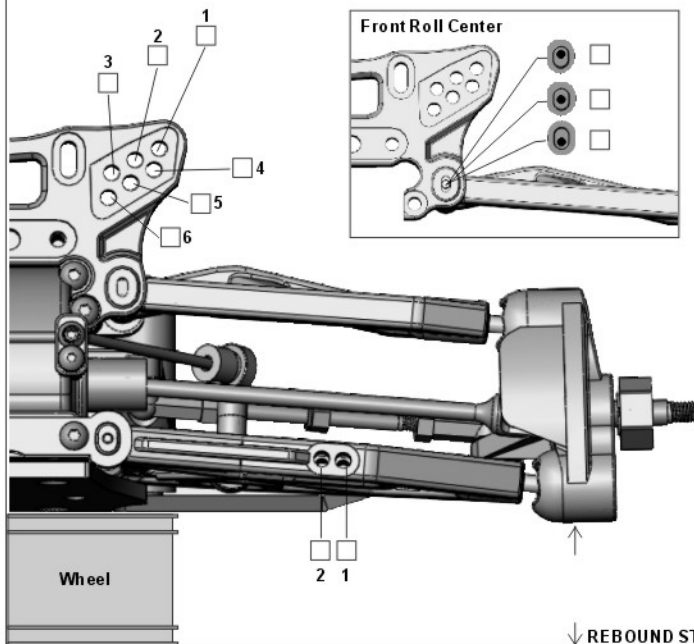
Pos: \_\_\_\_\_

Caster Angle:

(F/F)

(F/R)

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



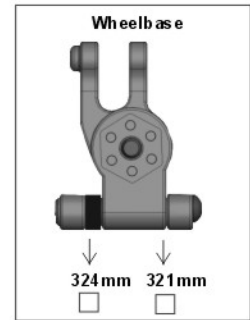
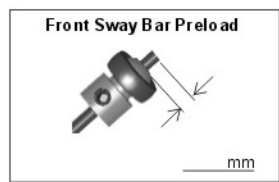
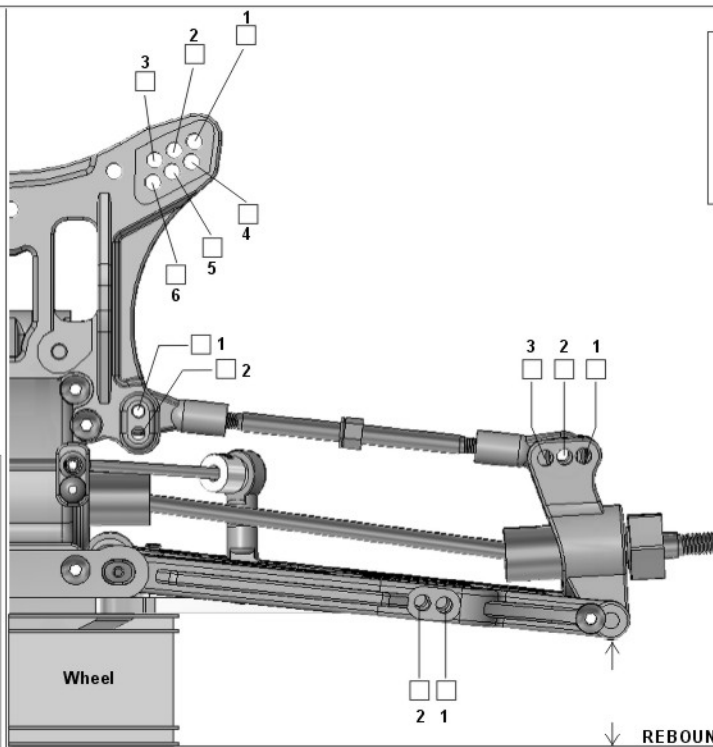
R/R

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

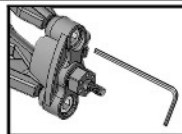
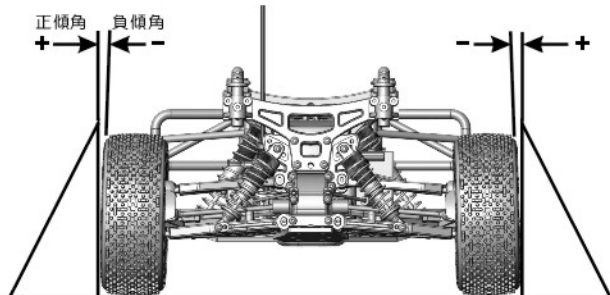
Super Gear: \_\_\_\_\_ 46 \_\_\_\_\_ T

Motor Gear: \_\_\_\_\_ T

Gear Brand: STD  Other: \_\_\_\_\_

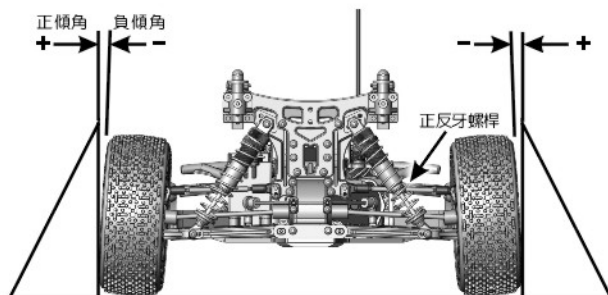


## 前胎傾角調整



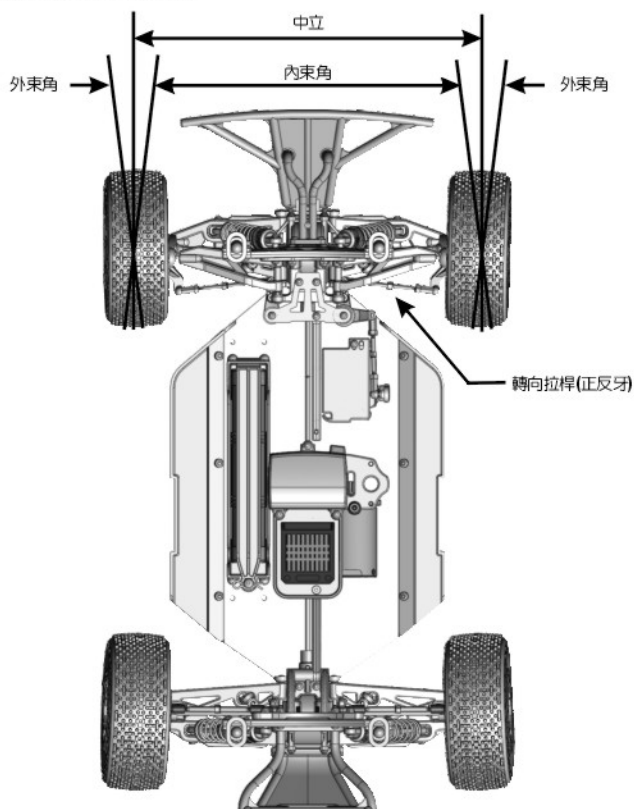
- 使用 2.5mm 內六角板手調整前輪負傾角

## 後胎傾角調整



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

## 前輪內束角/外束角調整

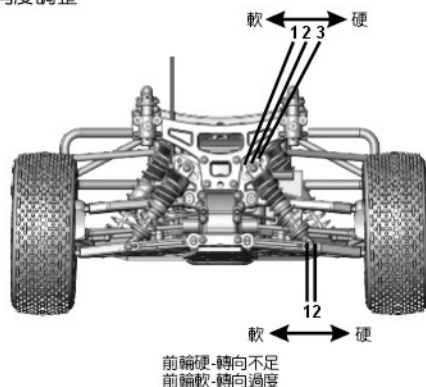


改變前輪轉向拉桿之長度可以改變前輪“內束角”與“外束角”。

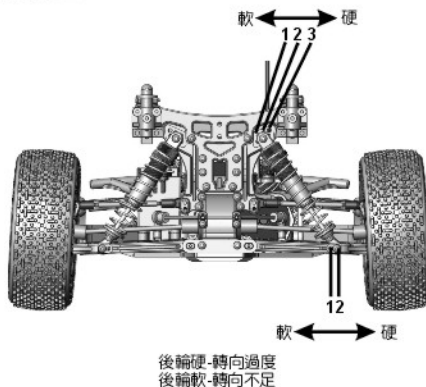
1. 將前輪轉向拉桿加長，前輪會變成向內束角。此時轉向反應會變慢，並且有轉向過度情形產生。
2. 將前輪轉向拉桿變短，前輪會變成向外束角。此時轉向反應會變快，並且有轉向不足情形產生。

## 前油壓避震器角度調整

- 油壓避震器會因安裝在不同位置，而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。

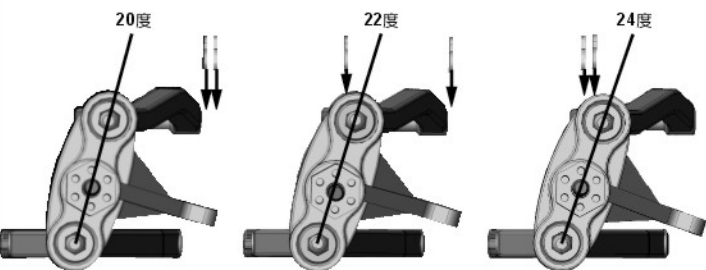


## 後油壓避震器角度調整

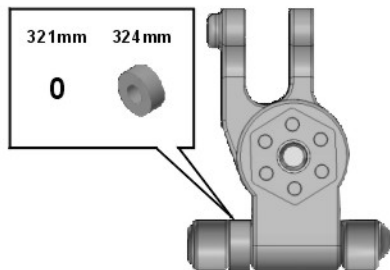


## 後傾角

- 調整上擺臂間隔片改變後傾角角度。
- 後傾角的調整可從 20度到24度。



## 後輪軸距



- 透過使用任一邊間隔在後輪座的東西調整軸距(在下方插扣)。
- 重要事項：在車軸的左右邊做相等的調整。

### 短軸距

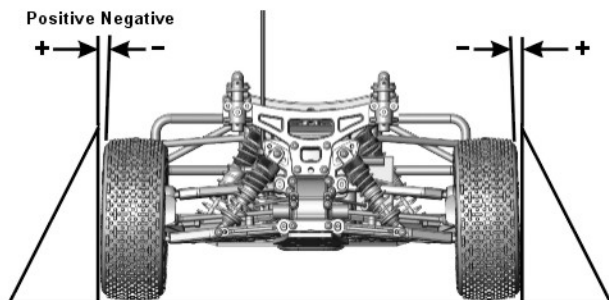
- 在後輪座的前方減少插扣。
- 增加加速度向後重心調動。
- 增加牽引力。
- 油門關閉時轉向靈敏。
- 出彎時有輕微的側傾。
- 增加操控反應。
- 增加更好更穩固的技術性路線。

### 長軸距

- 在後輪座的前方增加插扣。
- 減少加速度向後重心調動。
- 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。
- 在過度撞擊與循跡性有良好的處理。
- 在高速彎道有更多良好的開放路線。

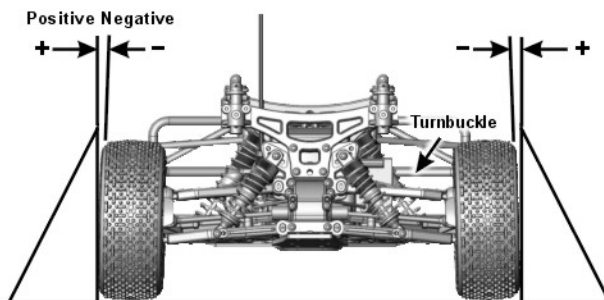
# SETTING GUIDE

## FRONT CAMBER ANGLE SETTING



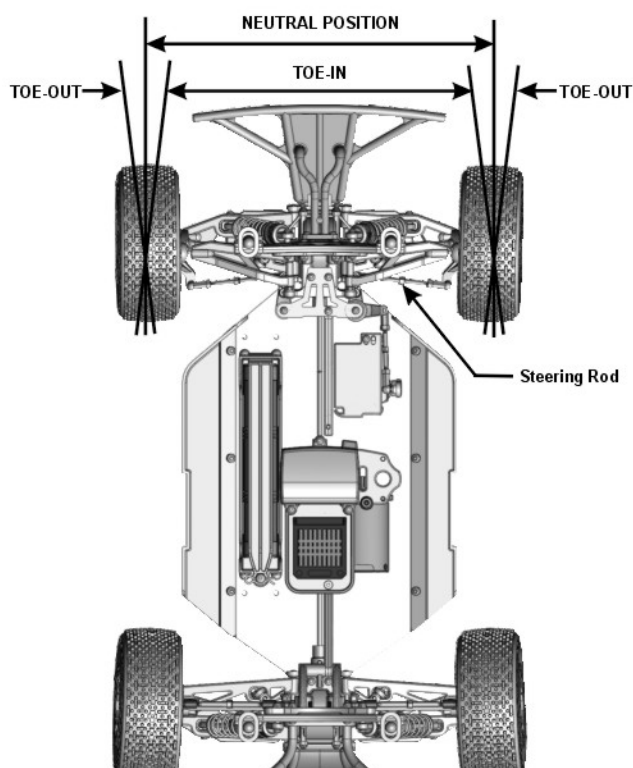
- Use 2.5mm hex wrench to adjust upper arm ball in front.

## REAR CAMBER ANGLE SETTING



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

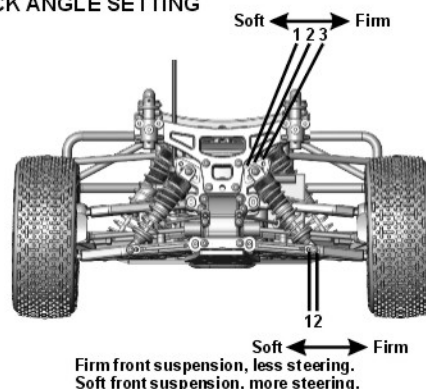
## FRONT TOE-IN AND TOE-OUT SETTING



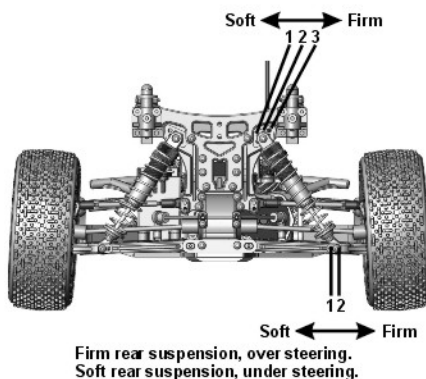
- Adjust the length of front steering rod to change the toe angle.
- Making the tie rod longer will make front tires toed in.
- Response will be slower and may over steer.
- Making the tie rod shorter will make front tires toed out.
- Response will be quicker and may under steer.

- 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

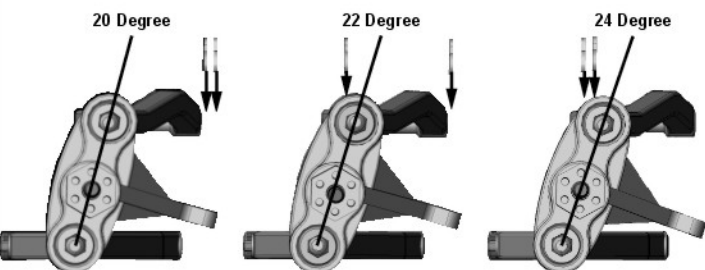


## REAR SHOCK ANGLE SETTING

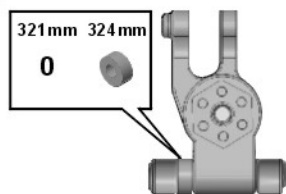


## CASTER ANGLE

- Adjust the caster angle by changing the position of the caster angle spacer on the top arm.
- Caster angle adjustments can be made from 20 degrees to 24 degrees.



## 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.

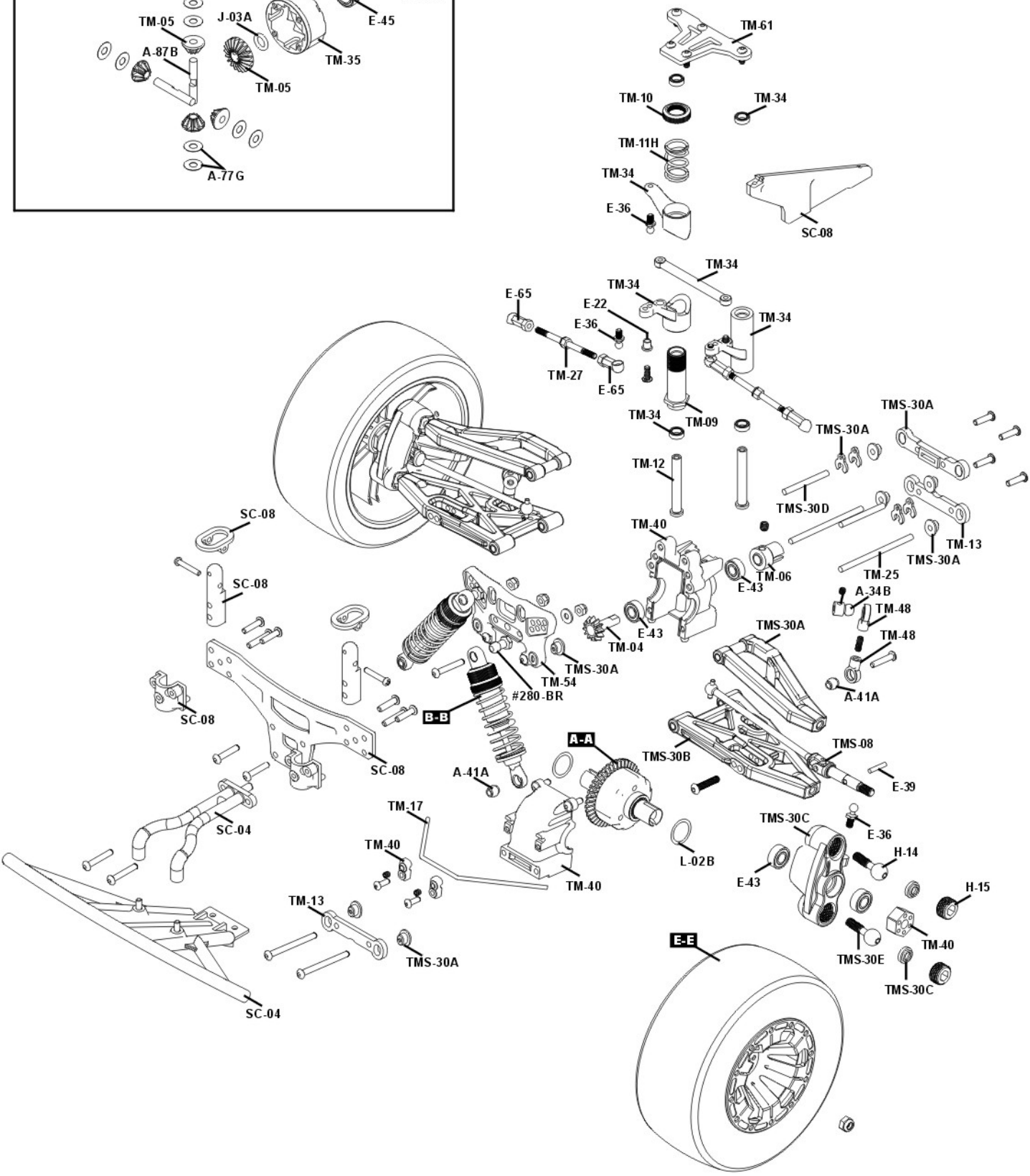
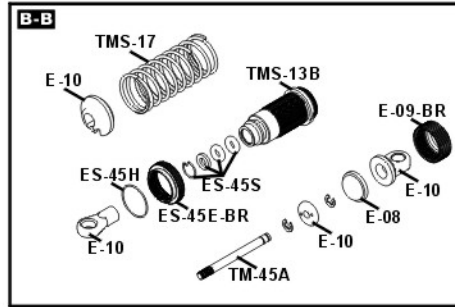
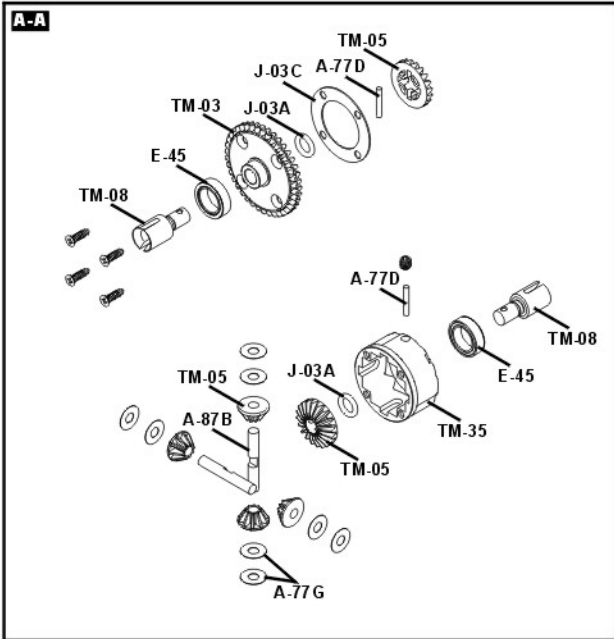
### Shorter wheelbase

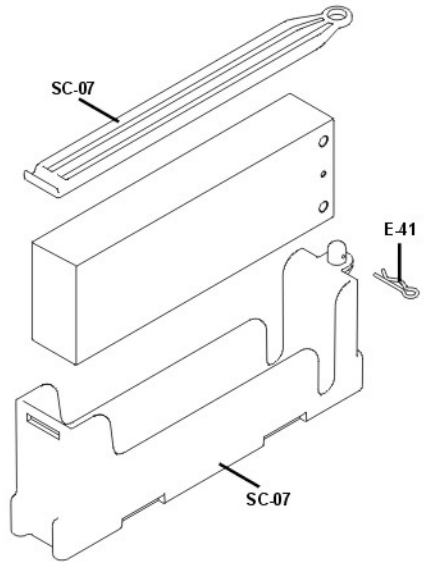
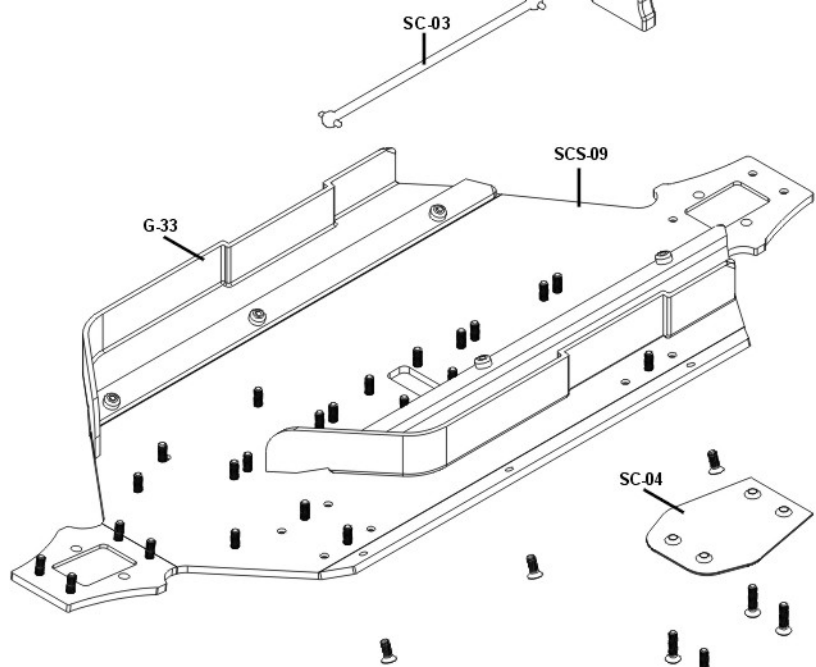
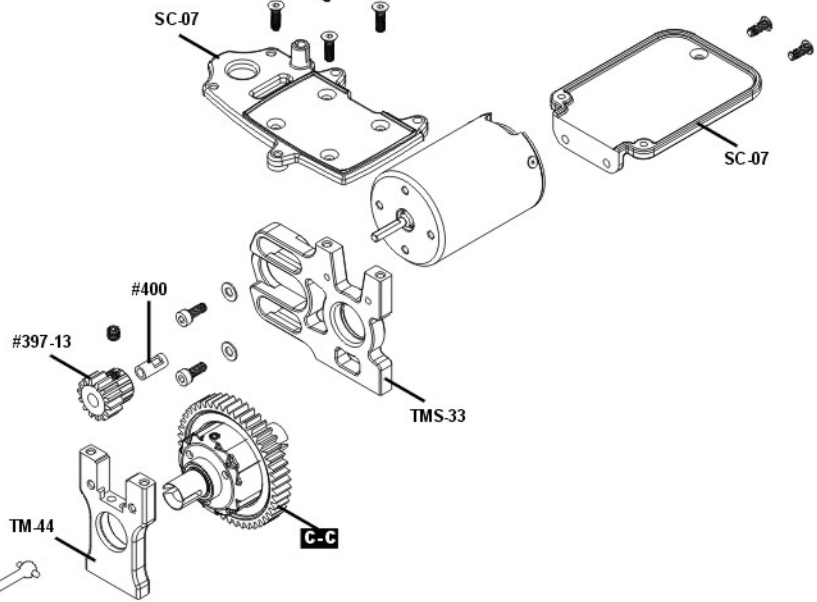
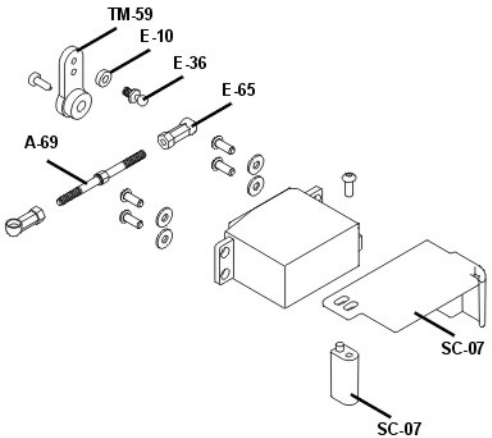
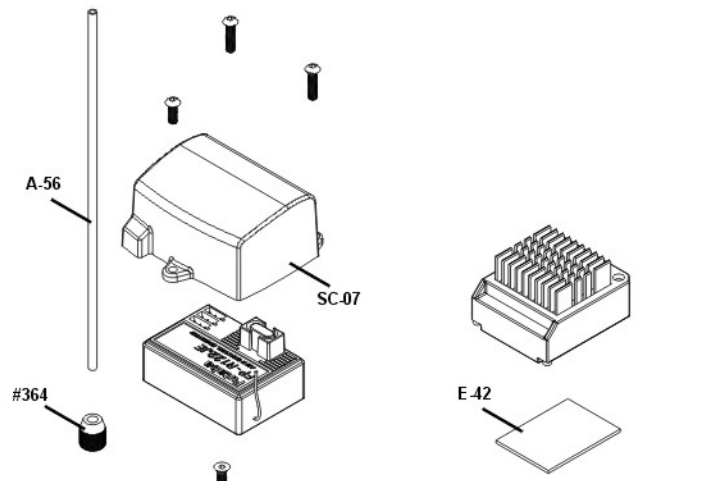
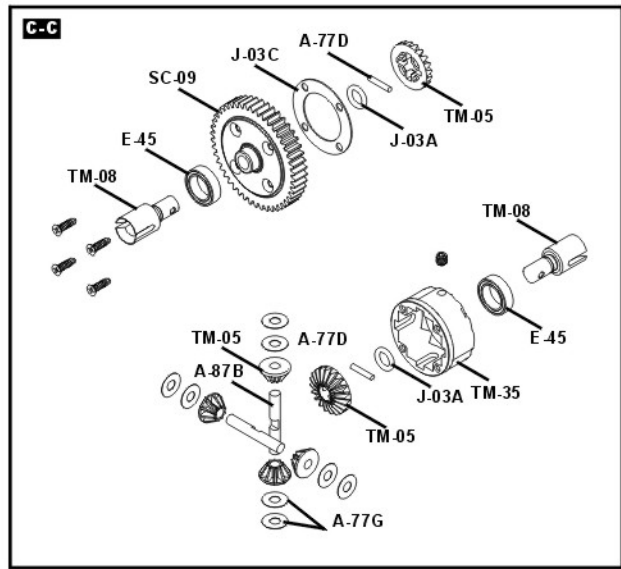
- less spacers in front of the rear wheel hub.
- increases rearward weight transfer during acceleration.
- increases on-power traction.
- quicker off-power steering into corners.
- slight tendency to push on-power at corner exit.
- increases steering response.
- better on tighter, more technical tracks.

### 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.

# NEXX 10SC EXPLODED VIEW









NEXX 10SC 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-06	小傘接杯	1
A-41A	6mm球型	6	TM-08	差速接杯	2
A-56	天線管	1	TM-09	緩衝鋁管	1
A-69	3x46 正反牙桿	3	TM-10	緩衝組調整環	1
A-77D	2x12.8 滾針	2	TM-11H	緩衝組彈簧(硬)	1
A-77G	4x10x0.15 墊片	4	TM-12	緩衝支柱	2
A-81	小束帶	4	TM-13	前下固定鋁板	1
A-87B	4mm十字軸心	2	TM-15	後TOE-IN鋁板	1
E-08	避震器氣室	4	TM-16	上反角鋁板	1
E-09-BR	塑膠避震器上蓋(咖啡)	4	TM-17	2.0mm平衡桿	1
E-10	避震器塑膠零件	2	TM-20	後輪軸	2
E-22	緩衝組襯套	4	TM-23	3x25.8 擺臂軸	2
E-36	4mm球型座	10	TM-21	後傳動軸 82.5mm	2
E-39	2x10.8 滾針	3	TM-25	3x53 擺臂軸	2
E-41	1/10 R型插梢	10	TM-27	3x50正反牙	2
E-42	雙面膠 8x25mm	2	TM-28	3x60正反牙	2
E-43	5x11x4培林	8	TM-34	緩衝組/補強桿/三角板	1set
E-45	10x15x4培林	4	TM-35	差速殼	1
E-65	4mm塑膠球頭	1set	TM-36B	後下擺臂	2
ES-45E-BR	避震器調整環(咖啡)	2	TM-40	差速箱/六角頭	1set
ES-45H	P12 O環	4	TM-43	後輪座模 L.R	1set
ES-45S	避震器修理包	1set	TM-44	中差座模	1set
G-33	防塵板 R.L	1模	TM-45A	避震器軸心(前) 3x36.5mm	2
H-14	8mm轉向球型	4	TM-46A	避震器軸心(後) 3x49mm	2
H-15	10mm鋁內六角螺絲	4	TM-48	平衡桿塑膠球頭	1set
J-03A	P6 O環	2	TM-54	前後塑膠油壓架	1set
J-03C	差速器防漏墊片	3	TM-59	後補強桿固定座	1set
L-02B	12x15x0.25 墊片	6	TM-61	鋁三角板	1
SC-03	中央傳動軸 109mm	2	TMS-08	聯結式傳動軸(前/後)	2
SC-04	前防撞板/底盤護板	1	TMS-13B	外牙避震器筒身(前)	2
SC-05	後防撞板	1set	TMS-14B	外牙避震器筒身(後)	2
SC-06	後防撞板支撐架	1set	TMS-17	避震器彈簧(白色)硬	1set
SC-07	電池盒/接收機盒/伺服機座	1set	TMS-30A	球形前上擺臂/固定座模	1set
SC-08	車殼柱/前後中央補強桿	1set	TMS-30B	球形前下擺臂	1模
SC-09	46t 大直齒(塑膠)	1	TMS-30C	球形轉向座 L/R	1
SC-15	螺絲包	1set	TMS-30D	3x35 擺避軸	2
SCS-05BK	SC輪框 2.2"/3.0"吋	4	TMS-30E	8mm 轉向球形	4
SCS-06	SC輪胎 2.2"/3.0"吋	4	TMS-33	CNC 鋁馬達座	1
SCS-07	SC 2.2"/3.0"輪胎內海綿	4	#155B	1/8 R型插梢(短)	4
SCS-08	1/10 SC 透明車殼(寬290mm)	1	#280-BR	6mm油壓球型座(咖啡)	4
SCS-09	6061 3mm 硬陽底盤(球頭版)	1	#364	天線管固定螺帽	1
TM-03	39t 大傘齒	1	#397-13	13t馬達齒 5mm軸, M1	1
TM-04	12t 小傘齒	1	#400	馬達齒轉接套 3x5x11mm	2
TM-05	鋁差速齒(20tx2,10tx4)	1set			

**NEXX 10SC Spare Parts**

Part No.	Description	Q'TY	Part No.	Description	Q'TY
A-34B	Stabilizer Ball End	2	TM-06	Cap Joint for Small Bevel Gear	1
A-41A	6mm Ball & Socket	6	TM-08	Cap Joint for Diff.	2
A-56	Antenna Pipe	1	TM-09	Alum. Servo Saver Tube	1
A-69	3x46 Turnbuckles	3	TM-10	Servo Saver Adjustment Ring	1
A-77D	2x12.8 Pin	2	TM-11H	Servo Saver Spring, hard	1
A-77G	4x10x0.2 Washer	4	TM-12	Servo Saver Post	2
A-81	Nylon Strap (S)	4	TM-13	Alum. Front Lower Arm Holder	1
A-87B	4mm Cross Pin	2	TM-15	Alum. Rear Toe-in Plate	1
E-08	Shock Air Pressure Top	4	TM-16	Alum. Rear Anti-Squat Plate	1
E-09-BR	Shock Cap (Brown)	4	TM-17	Stabilizer 2.0mm (F/R)	1
E-10	Shock Plastic Parts	1 set	TM-20	Rear Whel Axle Shaft	2
E-22	King Pin Bushing	4	TM-23	3x25.8mm Arm Shaft	2
E-36	4mm Ball & Socket	10	TM-21	Rear Driver Shaft, 82.5mm	2
E-39	2 x 10.8 Drive Pin	3	TM-25	3x53mm Arm Shaft	2
E-41	Body Pin (S)	10	TM-27	Turnbuckle 3x50mm	2
E-42	Double-side Tape	2	TM-28	Turnbuckle 3x60mm	2
E-43	5x11x4 Ball Bearing	8	TM-34	Plastic Servo Saver, Center Brace,Front pla	1set
E-45	10x15x4 Ball Bearing	4	TM-35	Diff. Case (F&R)	1
E-65	4mm Plastic Ball Joint	10	TM-36B	Lower Arms, rear	2
ES-45E-BR	Shock Spring Adjust Nut (Brown)	2	TM-40	Gear Case, 12mm Wheel Hub	1set
ES-45H	P-12 O-ring	4	TM-43	Rear Upper Right	1set
ES-45S	Shock Repair Bag	1	TM-44	Center Diff. Mount	1set
G-33	Stone Guard, R.L	1set	TM-45A	Front Shock Shaft, 3x36.5mm	2
H-14	8mm Ball End (black)	4	TM-46A	Rear Shock Shaft, 3x49mm	2
H-15	10mm Alum. Set Screw	4	TM-48	Stabilizer Ball End	8
J-03A	P-6 O-Ring	2	TM-54	Shock Stay, Plastic (F&R)	1set
J-03C	Diff. Gaskets	3	TM-59	Bumper.Radio Tray Post,Body Post	1set
L-02B	12x15x0.2 Shim (Diff Case)	6	TM-61	Front Plate Joint (Alum.)	1
SC-03	Center Drive Shaft, 109mm	2	TMS-08	Universal Joint, F/R	2
SC-04	Front Bumper/Skid Plate	1	TMS-13B	Shock Body, front	2
SC-05	Rear Bumper	1set	TMS-14B	Shock Body, Rear	2
SC-06	Rear Bumper Holder	1set	TMS-17	Shock Spring, White/Hard	1set
SC-07	Receiver Box/Servo Saver Mour	1set	TMS-30A	Front Upper Arms / Arm Holder	1 set
SC-08	Body Post/Chassis Brace	1set	TMS-30B	Front Lower Arms	1
SC-09	46t Spur Gear (plastic)	1	TMS-30C	Knuckle Arm L/R (Ball Type)	1 set
SC-15	Screw Bag	1set	TMS-30D	3x35mm Arm Shafts	2
SCS-05BK	SC Wheel 2.2"/3.0"	4	TMS-30E	8mm Ball End	4
SCS-06	SC Tires 2.2"/3.0"	4	TMS-33	CNC Motor Mount	1 set
SCS-07	SC 2.2"/3.0"Inner Sponge	4	#155B	Body Clips	4
SCS-08	1/10 SC Body, Clear	1	#280-BR	Alum. 6mm Shock End (Brown)	4
SCS-09	6061 3mm Chassis	1	#364	Antenna Pipe Fixing Nut (Brown)	1
TM-03	39T Bevel Gear	1	#397-13	13T Pinion Gear 5mm, M1	1
TM-04	12T Small Bevel Gear	1	#400	Pinion Gear Adaptor, 2pcs	2
TM-05	Diff. Gear (small & large )	1set			



# NEX 10SC

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QUALITY RIC MODEL PRODUCTS

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