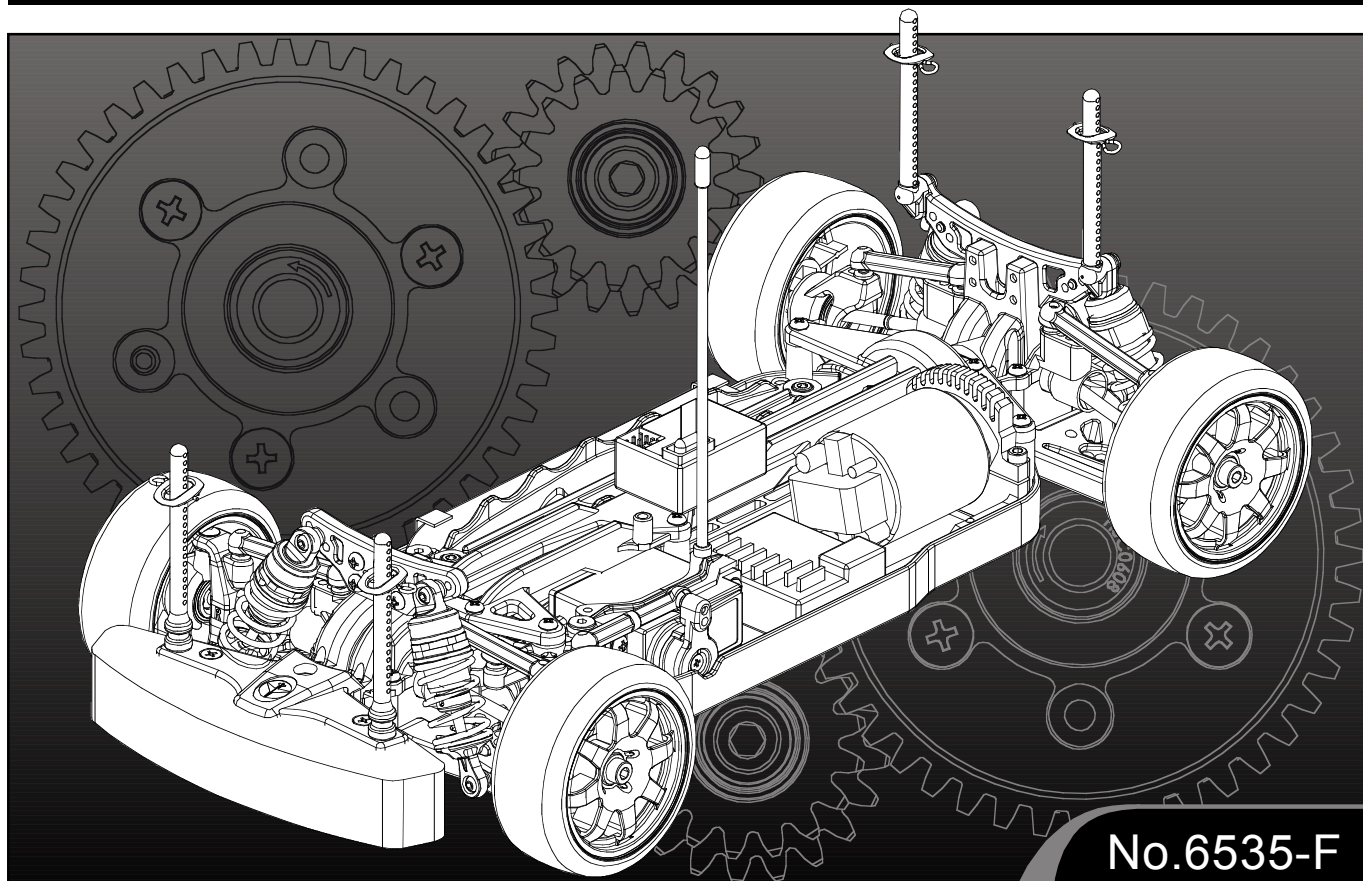




SPARROWHAWK VX

1/10 SCALE ELECTRIC POWERED TOURING CAR SERIES
1:10 電動房車系列



No.6535-F



This radio control model car is not a toy! Before beginning assembly, please read this manual thoroughly.

本產品為高性能模型非一般玩具，組裝與操作前請詳閱本產品說明書。

The contents are subject to change without prior notice due to product improvements and specification changes.

本套件所附之零件可能跟圖示有所差異。因產品後續之設計研發或功能不斷改善之原因，我們將保留產品規格變更權力，不再另行通知使用者。

Maintenance Manual & Parts Catalogue **維修說明書及零件包型錄**

Introduction 前言

Thank you for purchasing this Thunder Tiger product. This manual contains the steps and instructions required to assemble your car. Please read this manual completely before attempting to start maintenance. Follow the directions in this manual closely to reduce problems during operation. We offer online help on our www.acehobby.com or www.thundertiger.com and forums and our product specialists are ready to take your call if you have any technical questions. Have fun and enjoy the exciting world of R/C.

感謝您購買雷虎科技SPARROWHAWK VX電動房車。雷虎科技一向以提供最高品質的產品及服務作為持續努力的目標，並藉由參與競賽及重覆測試產品，不斷累積經驗，進而提昇設計及製造品質，期望能呈現給您最頂級之工藝產品。本使用說明書包含了組裝及維修本產品前所需注意的重要事項，建議您在開始組裝及維修本產品之前，能詳閱此說明書，並熟悉本產品之組裝步驟及維修程序。若是您在產品的使用上有任何的疑問，歡迎多加利用我們所提供的24小時諮詢留言版或洽詢雷虎科技授權經銷商。雷虎科技的全球英文網址為www.thundertiger.com (中文網址為www.tiger.com.tw)，我們將竭誠為您服務！

Under Safety Precautions 安全注意事項

Please read all of the instructions and familiarize yourself with the product and its controls before operation.

1. This product is not a toy. It is a high performance model car therefore it is important to familiarize yourself with the model, its manual, and its construction before assembly or operation. Adult supervision is necessary for children operating this model.
2. Always keep this instruction manual on hand during assembly and for operating reference.
3. Do not use a power screwdriver to install screws into plastic parts. A power screwdriver's high rotation speed can heat up the screw being installed which can result in some melting of the plastic parts or stripped threads.
4. For best performance, it is important to make sure all the moving parts can move freely without binding.
5. This product, its parts, and its assembly tools can be harmful to your health. Always exercise extreme caution when assembling and operating this product. Keep away from any high speed rotating parts during operation.

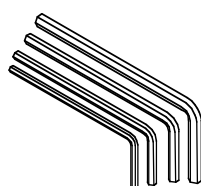
感謝您購買雷虎科技產品，在您開始操作本產品前，請詳閱本產品說明書。

1. 本產品為高性能模型產品非一般玩具，組裝與操作過程皆須由成人陪同。請詳讀此本使用說明書，避免因組裝錯誤與操作不當造成損壞。
2. 請妥善保管此說明書，對於後續維修、操控說明將可提供您協助。
3. 請勿使用電動工具旋緊自攻螺絲於塑膠零件上，可能導致塑膠零件融化或滑牙。
4. 請檢視所有活動部位零件是否不受干涉，可靈活作動，以達到車輛最佳性能。
5. 此項產品具有相當之危險性，於組裝、調整、操控上的不熟悉都可能造成自身或他人的傷害，當發生這些傷害事件時製造商是可以免除責任的，建議您於初次使用本產品前，先行請教具有相當程度經驗同好或是專業雷虎經銷商與模型專賣店。

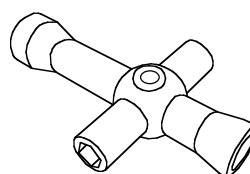
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Tools Included 內附工具



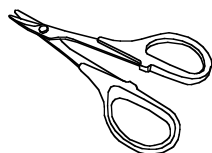
Hex Wrenches
1.5 / 2.0 / 2.5 / 3.0mm
六角板手組



4-Way Cross Wrench
十字套筒

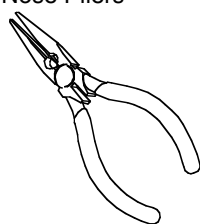
Tools Required For Assembly (組裝維修工具)

Philips Screwdrivers
(L/M/S)
十字起子

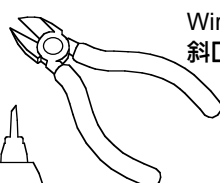


Lexan Body Curved Scissor
車殼專用剪

Needle Nose Pliers
尖嘴鉗



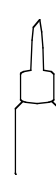
Ruler
尺



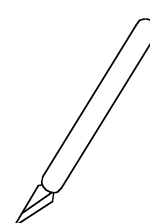
Wire Cutter
斜口剪



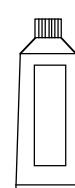
Super Glue
(CA Glue)
快乾膠



Thread Locking Adhesive
(Threadlocker)
螺絲防鬆膠



Hobby Knife
模型用切割刀



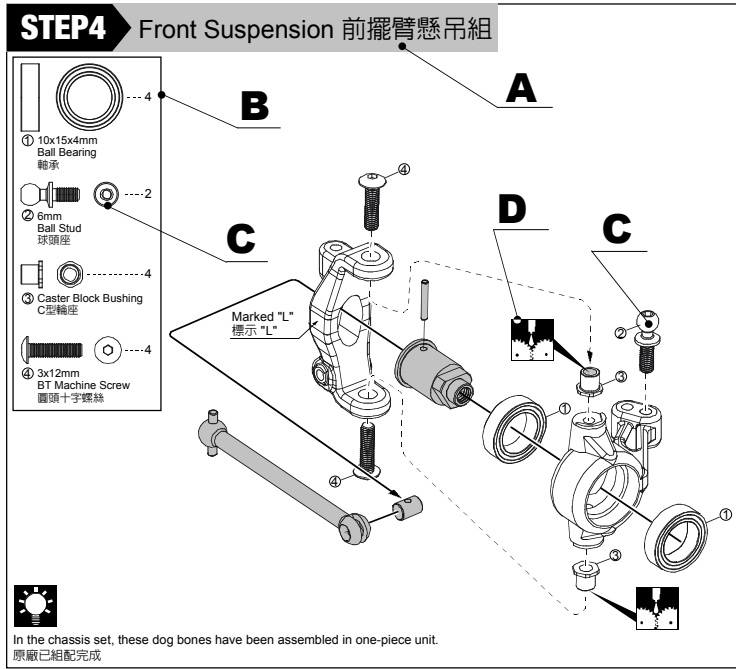
Grease
潤滑油膏 (黃油)

Manual Format 說明書使用方式

How to read the instruction manual? 說明書導讀

- A:** Indicates the assembly step number and the parts that are to be assembled.
- B:** Displays actual size drawings, and part quantities used.
- C:** All parts, except screws, are identified by its order numbers. When purchasing spare parts, identify the part required and cross reference this to the spare parts list in the end of this manual, which shows the purchasable spare parts and the corresponding order numbers.
- D:** This instruction manual uses several symbols. Pay careful attention to them during construction. Details are given at the bottom of each page.
- A:** 顯示組立步驟及需組立之零件部位
- B:** 零件實際對照尺寸及使用數量
- C:** 請比對零件形狀以及後附零件料號對照圖示找出需求零件料號
- D:** 操作說明符號可更有效協助組裝者使用此說明書，請依說明書符號指示進行組裝步驟

Example 說明範例



Symbols Used Throughout The Manual 符號說明



Apply C.A Glue
使用快乾膠黏合



Apply silicon oil
使用模型專用矽油



Assemble as many times as specified
依指示組裝所需數量



Assemble left and right side the same way
左右側組件相同



Assemble in right order
依標示順序組裝



Drill holes with the specified diameter
依標示尺寸鑽孔



Hint
組裝提示



Must be purchased separately
改裝品需另購



Cut off shaded portion
依標示部分裁切



Ensure smooth, non-binding movement when assembling
確認組件靈活度



Pay close attention here
注意組裝步驟



Cut off excess
裁剪多餘部分



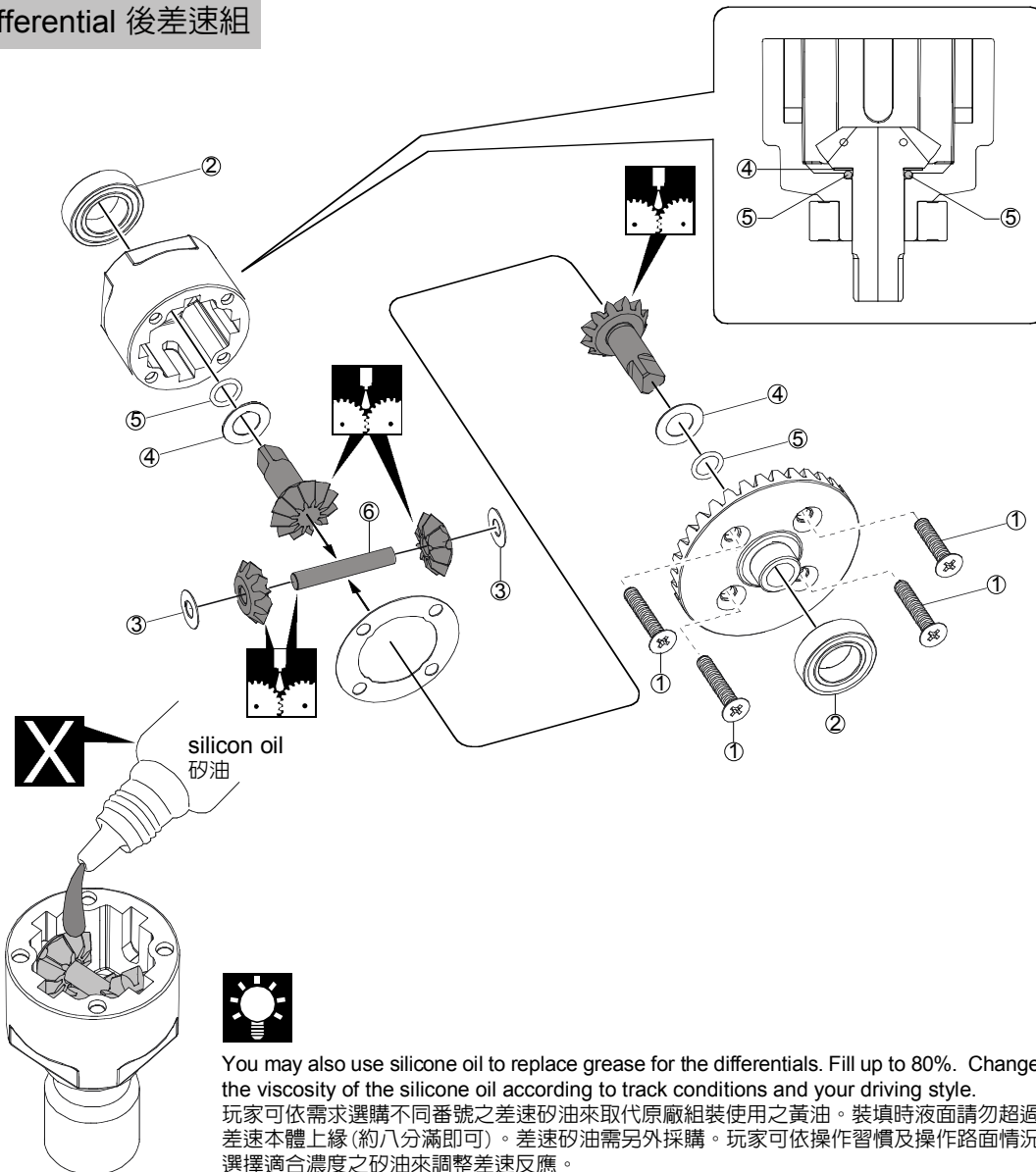
Apply threadlocker
使用螺絲防鬆膠



Apply grease
使用潤滑油膏(黃油)

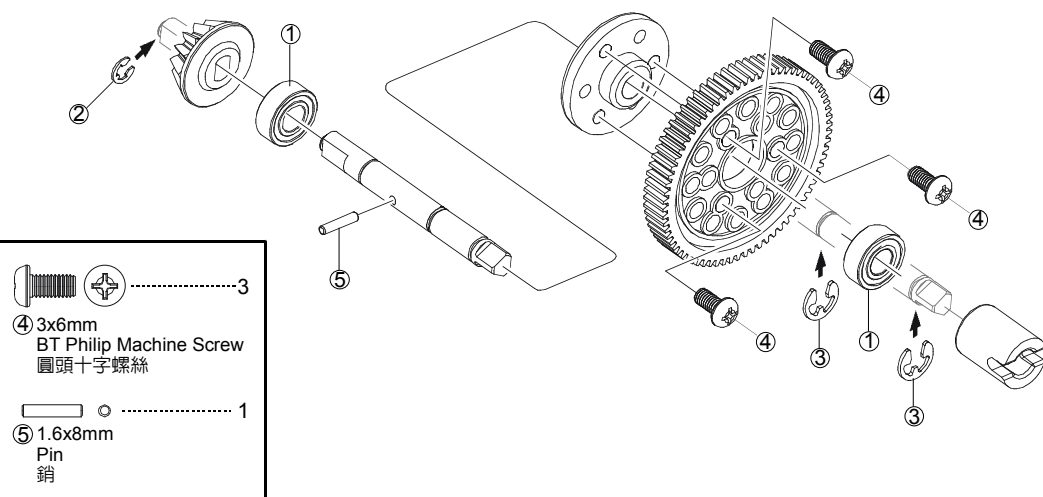
STEP1 Rear Differential 後差速組

- ① 2.5x12mm
F/H Philip Machine Screw
平頭十字螺絲
- ② 8x14x4mm
Ball Bearing
軸承
- ③ 3x5mm
Washer
墊圈
- ④ 5x8mm
Washer
墊圈
- ⑤ 4.4x0.8mm
O-Ring
O型環
- ⑥ 3x19mm
Pin
銷



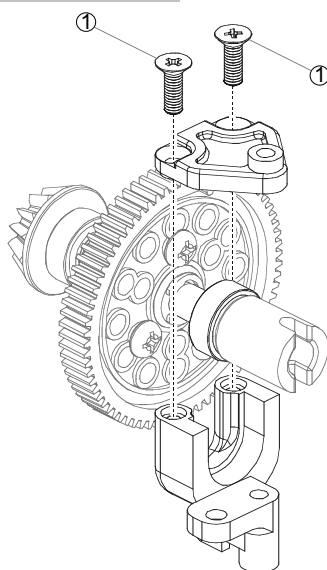
STEP2 Spur Gear & Input Shaft 驅動齒輪組

- ① 5x11x4mm
Ball Bearing
軸承
- ② 2.5mm
E-Clip2
E型扣環
- ③ 4mm
E-Clip2
E型扣環



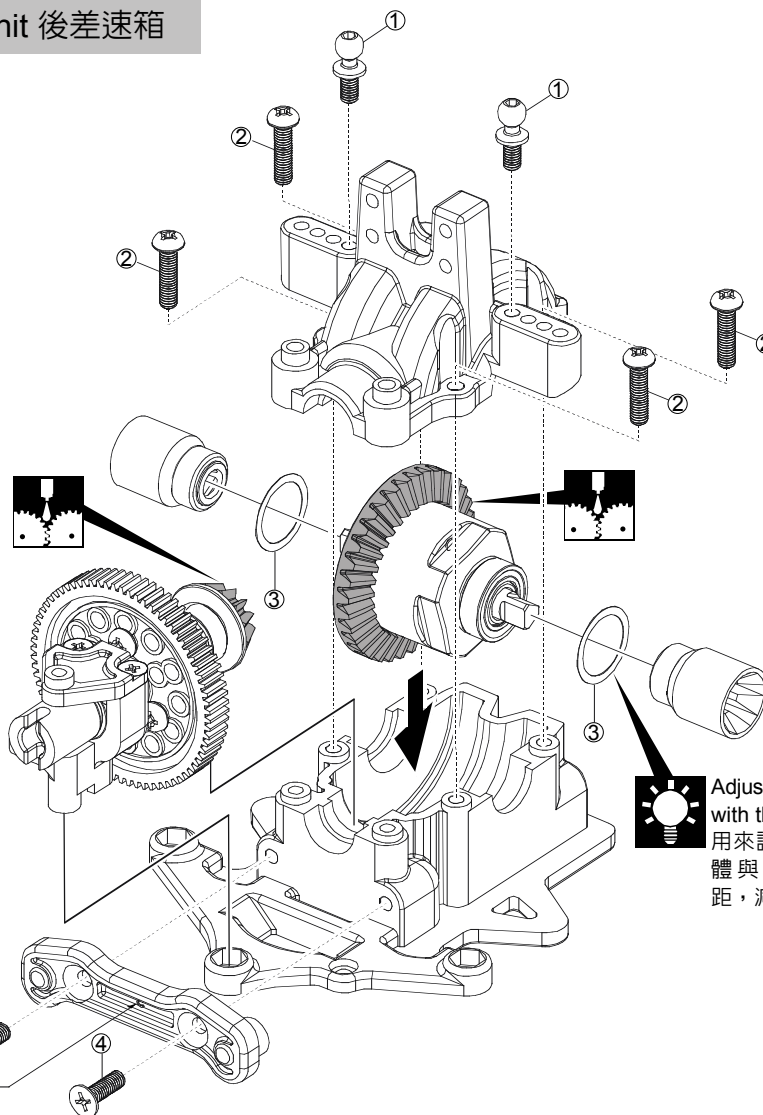
STEP2 Spur Gear & Input Shaft 驅動齒輪組

-  2
 ① 2.5x8mm
 F/H Philip Machine Screw
 平頭十字螺絲



STEP3 Rear Bulkhead Unit 後差速箱

-  2
 ① 6mm(L)
 Ball Stud
 球頭座
-  4
 ② 3x12mm
 BT Philip Machine Screw
 圓頭十字螺絲
-  2
 ③ 14x10.5x0.1mm
 Diff Shim
 差速箱墊片
-  2
 ④ 3x10mm
 F/H Philip Machine Screw
 平頭十字螺絲



Marked "C"
標示 "C"



Apply grease
使用潤滑油膏 (黃油)



Hint
組裝提示

STEP3 Rear Suspension Arm 後擺臂懸吊組

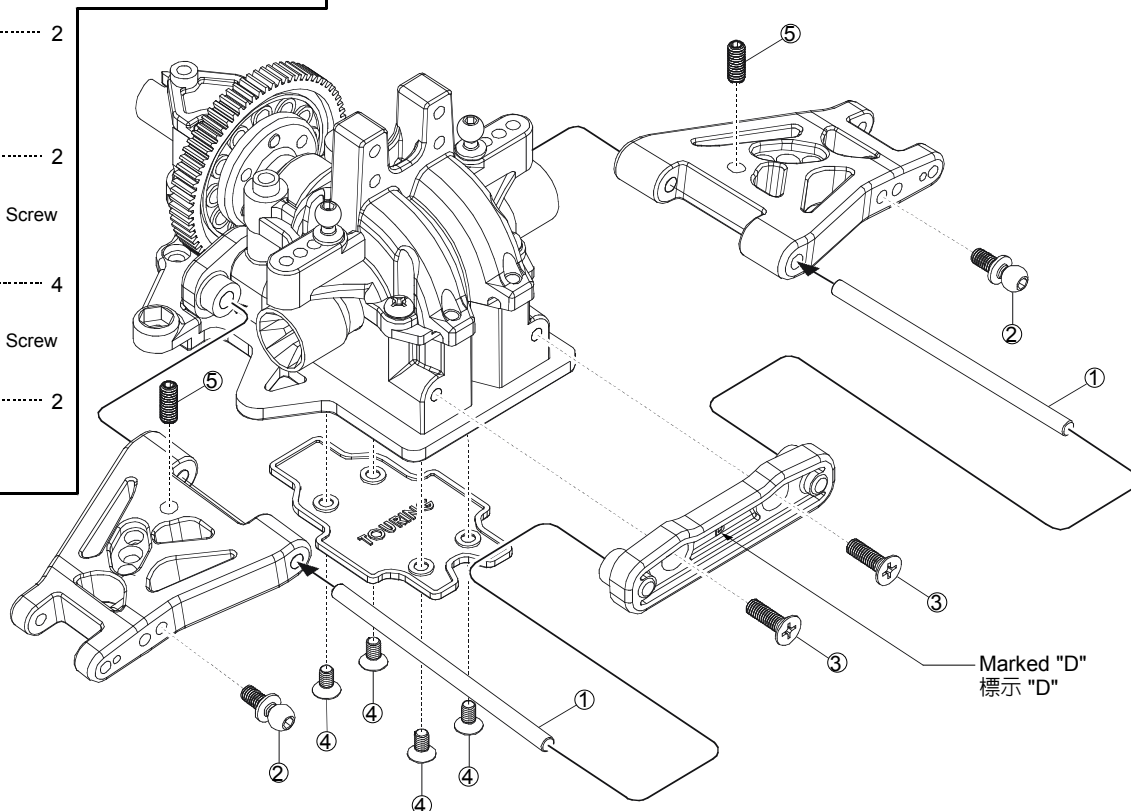
- ① Inner Hinge Pin 擺臂軸 2

- ② 6mm(S) Ball Stud 球頭座 2

- ③ 3x10mm F/H Philip Machine Screw 平頭十字螺絲 2

- ④ 2.5x6mm F/H Philip Machine Screw 平頭十字螺絲 4

- ⑤ 4x10mm SET Screw 無頭內六角螺絲 2

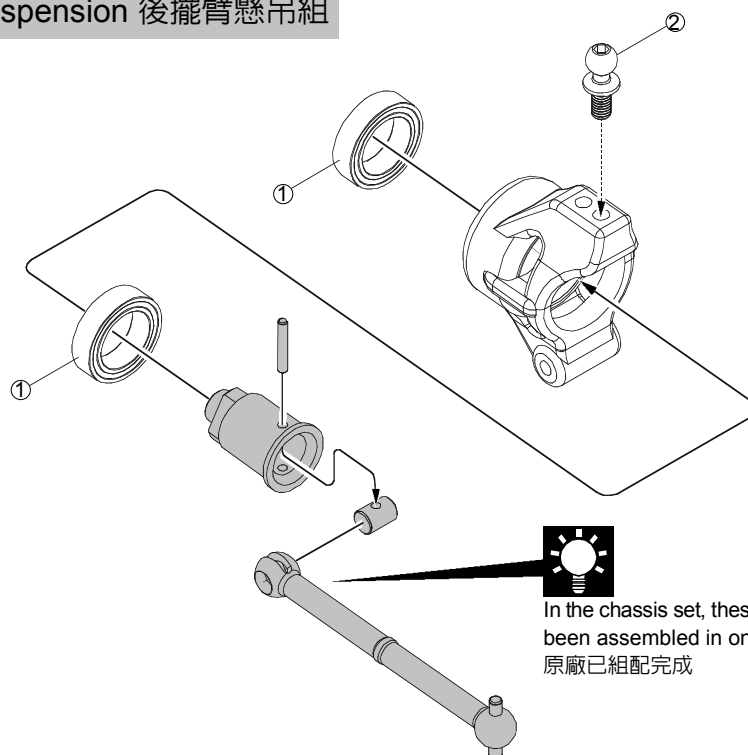


STEP4 Rear Suspension 後擺臂懸吊組

L/R

- ① 10x15x4mm Ball Bearing 軸承 4

- ② 6mm(L) Ball Stud 球頭座 2



Hint
組裝提示

Assemble left and right side the same way
左右側組件相同

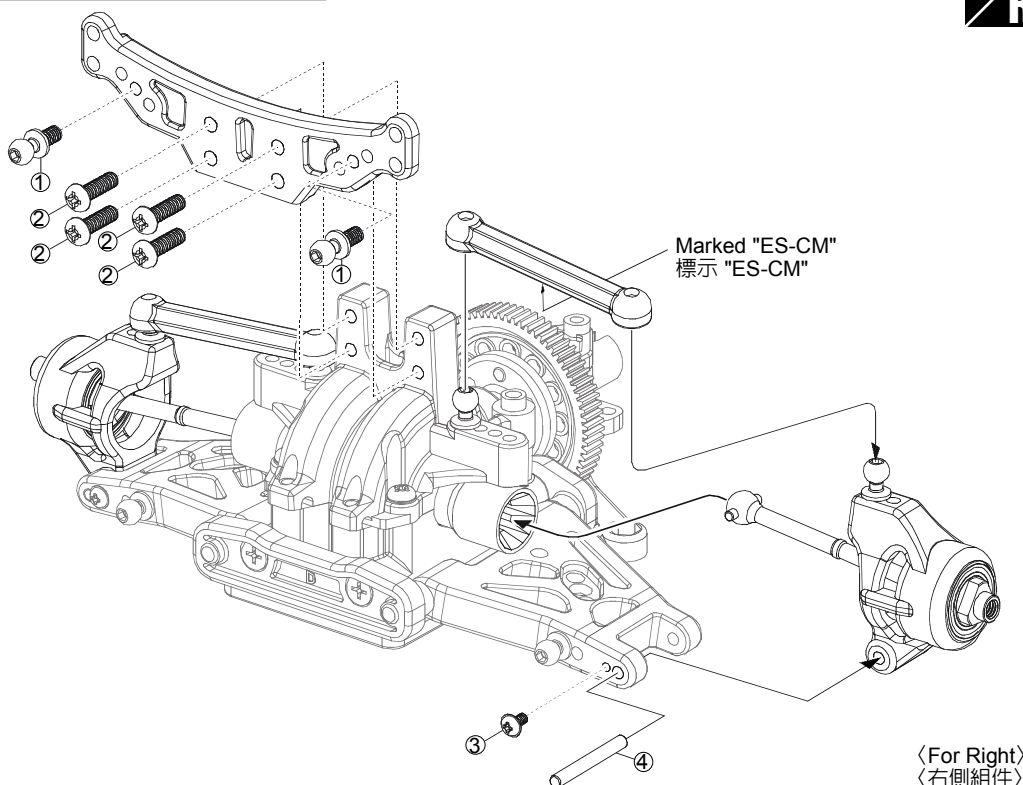
STEP4

Rear Suspension 後擺臂懸吊組

〈Rear Shock Tower〉
〈後避震器支架〉



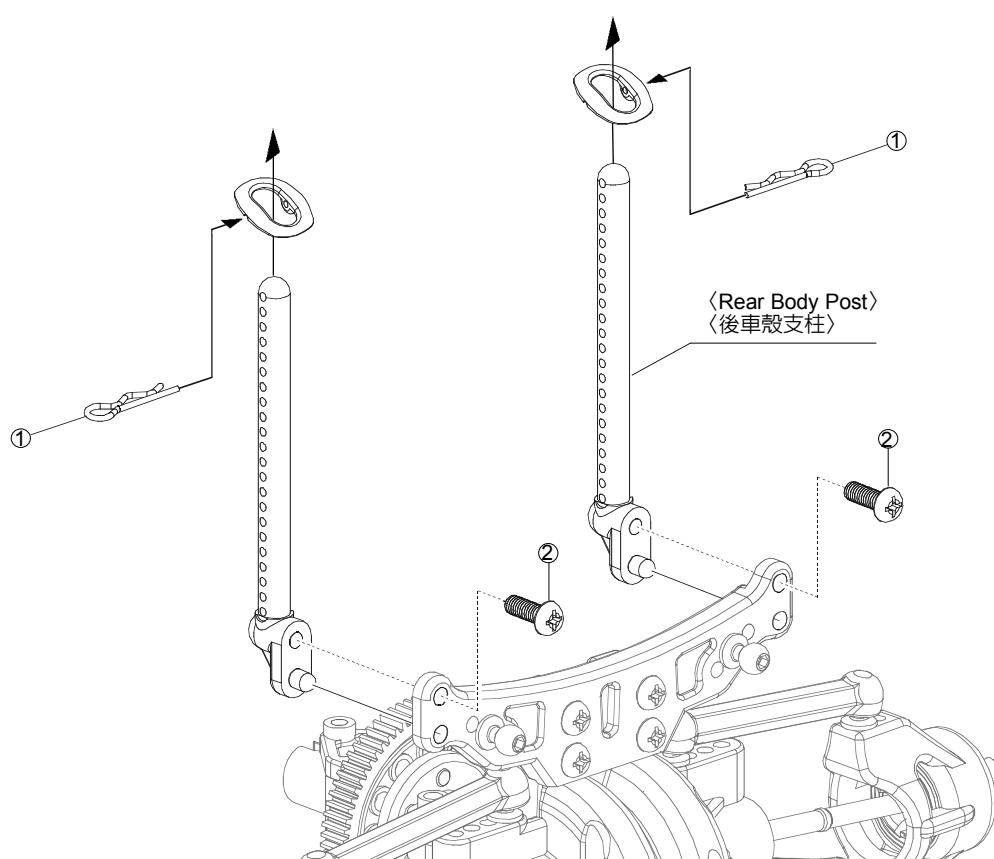
- ① 6mm(L)
Ball Stud
球頭座 2
- ② 3x10mm
BT Philip Machine Screw
圓頭十字螺絲 4
- ③ 2x4mm
BT Self-Tapping Screw W/washer
圓頭十字墊圈螺絲 2
- ④ 2.5x22mm
Outer Hinge Pin (Rear)
擺臂軸 2



STEP4

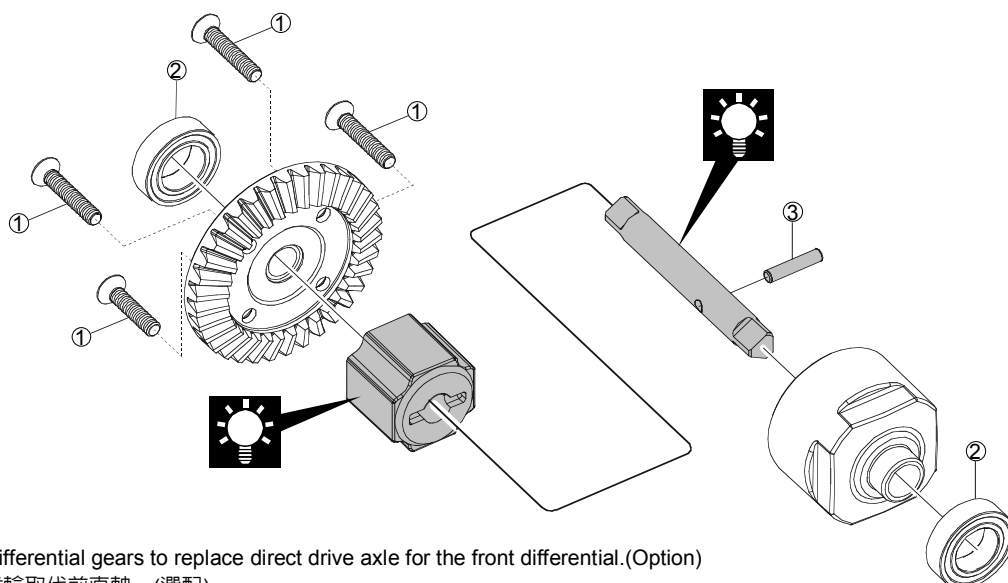
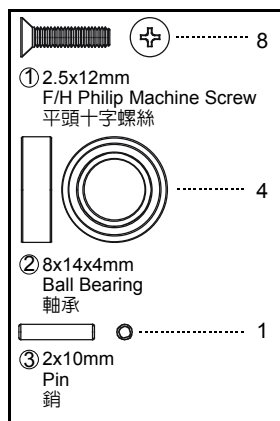
Rear Suspension 後擺臂懸吊組

- ① Body Clip
車殼R型插銷 2
- ② 3x8mm
BT Philip Machine Screw
圓頭十字螺絲 2



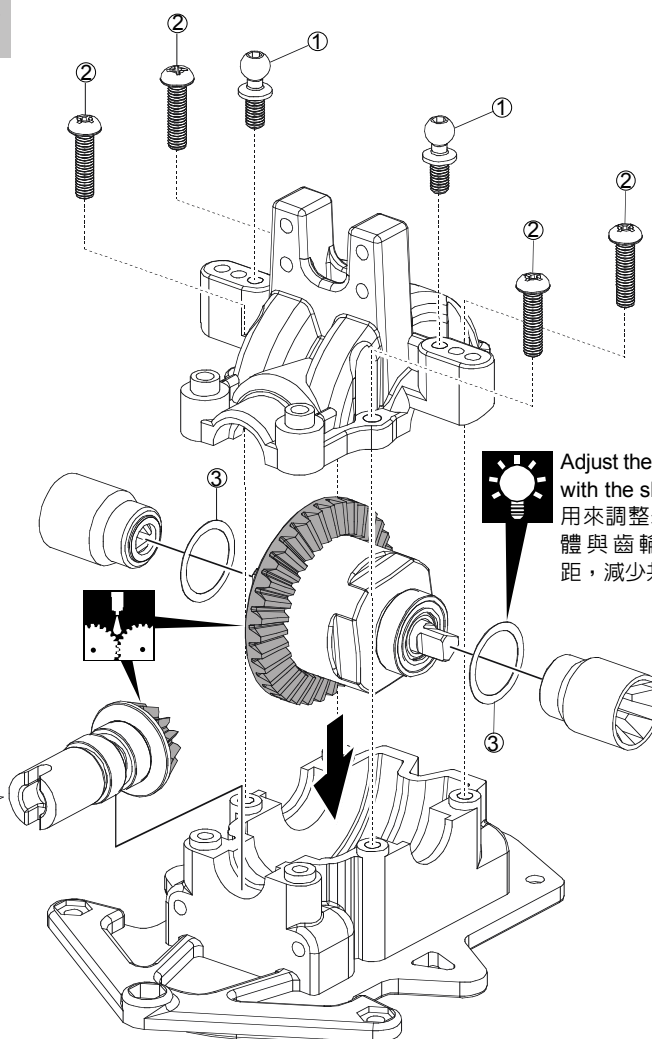
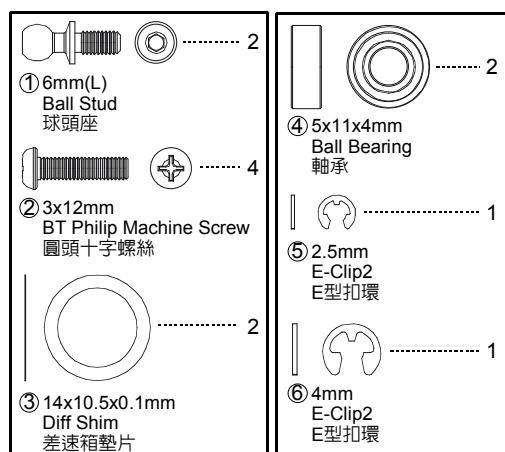
Assemble left and right side the same way
左右側組件相同

STEP5 Front Axle 前驅動直軸組

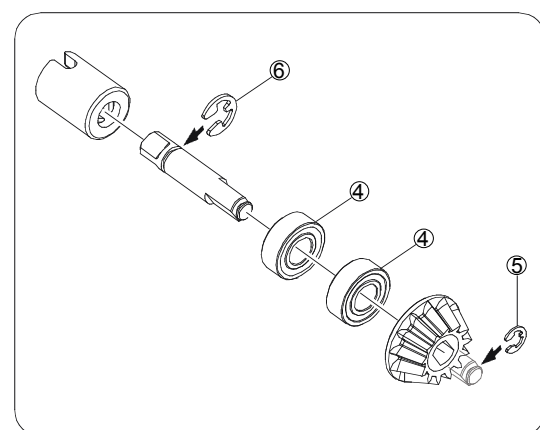


You may also use differential gears to replace direct drive axle for the front differential.(Option)
玩家可選配差速器齒輪取代前直軸。(選配)

STEP6 Front Bulkhead Unit 前齒輪箱



Adjust the backlash with the shims.
用來調整差速器本體與齒輪箱之間距，減少共振。



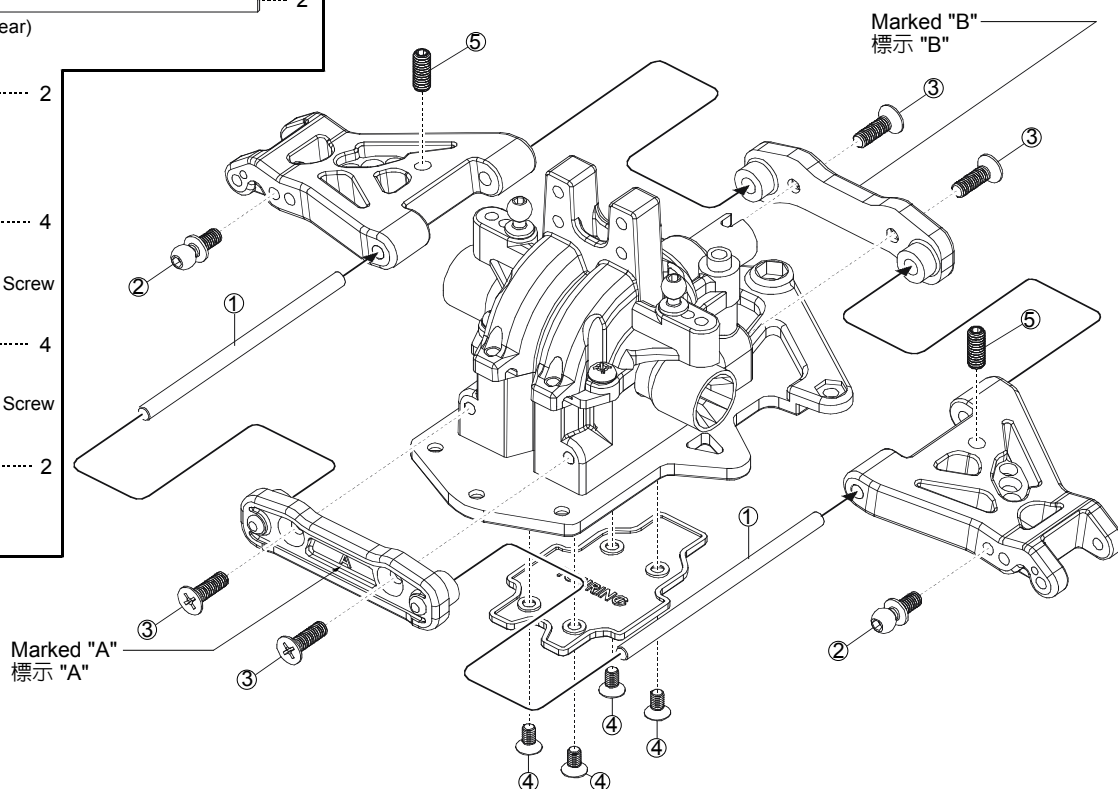
Apply grease
使用潤滑油膏(黃油)



Hint
組裝提示

STEP6 Front Suspension 前擺臂懸吊組

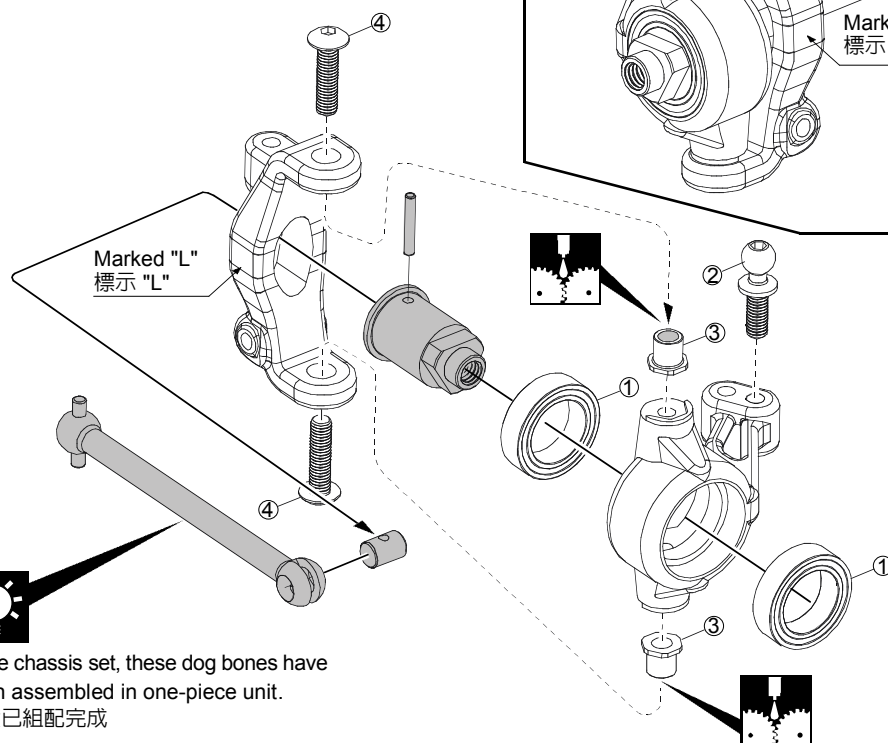
- ① Outer Hinge Pin (Rear)
擺臂軸 2
- ② 6mm(S)
Ball Stud
球頭座 2
- ③ 3x10mm
F/H Philip Machine Screw
平頭十字螺絲 4
- ④ 2.5x6mm
F/H Philip Machine Screw
平頭十字螺絲 4
- ⑤ 4x10mm
SET Screw
無頭內六角螺絲 2



STEP7 Front Suspension 前擺臂懸吊組

(For Right)
(右側組件)

- ① 5x11x4mm
Ball Bearing
軸承 4
- ② 6mm(L)
Ball Stud
球頭座 2
- ③ Caster Block Bushing
C型輪座 4
- ④ 3x10mm
BT Machine Screw
圓頭十字螺絲 4



In the chassis set, these dog bones have been assembled in one-piece unit.
原廠已組配完成

L R Assemble left and right side the same way
左右側組件相同

Hint
組裝提示

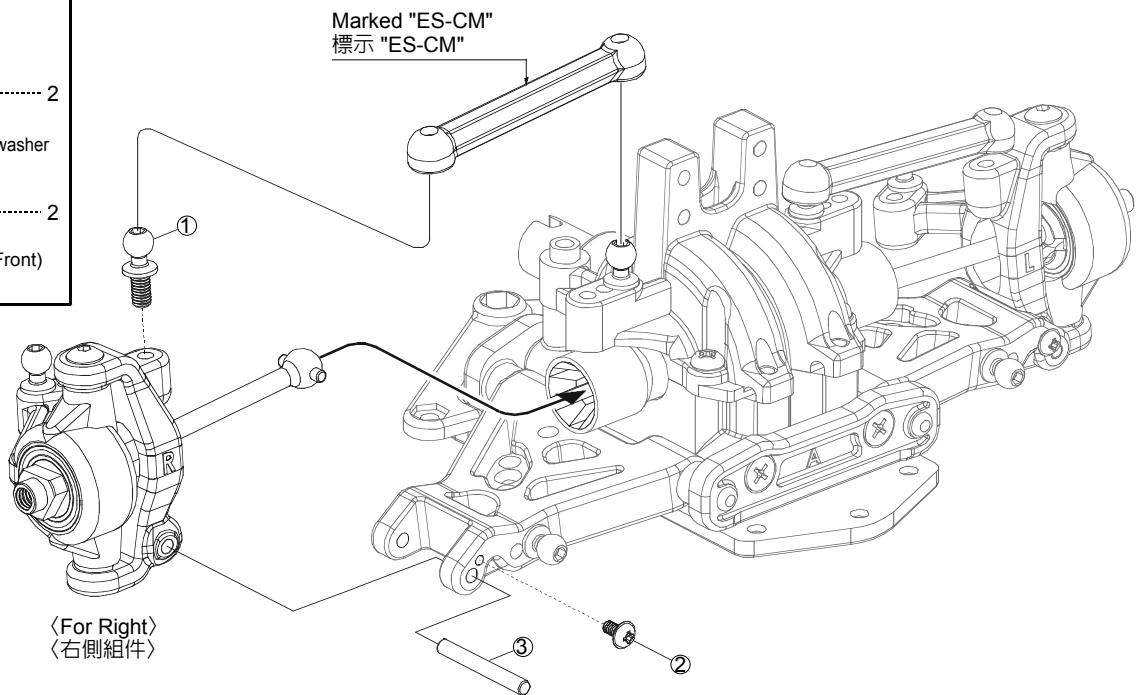
STEP7

Front Suspension 前擺臂懸吊組

〈Front Shock Tower〉
〈前避震器支架〉



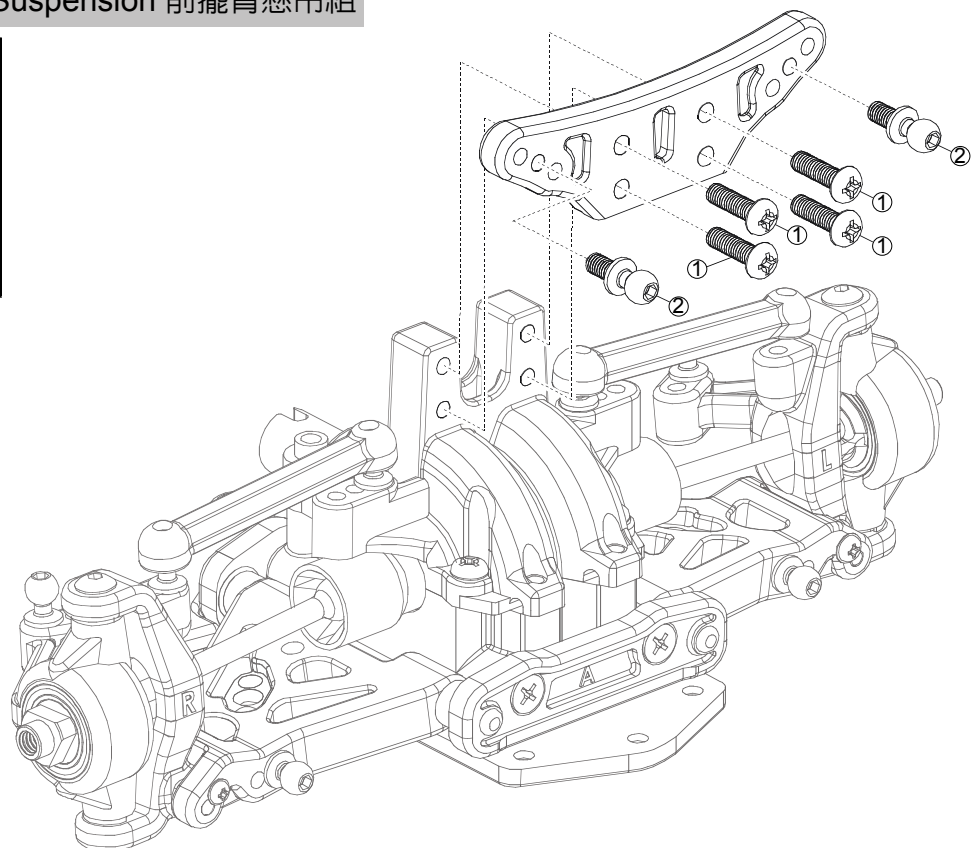
- ① 6mm(L)
Ball Stud
球頭座
- ② 2x4mm
BT Self-Tapping W/washer
圓頭十字墊圈螺絲
- ③ 2.5x20mm
Outer Hinge Pin (Front)
擺臂軸



STEP7

Front Suspension 前擺臂懸吊組

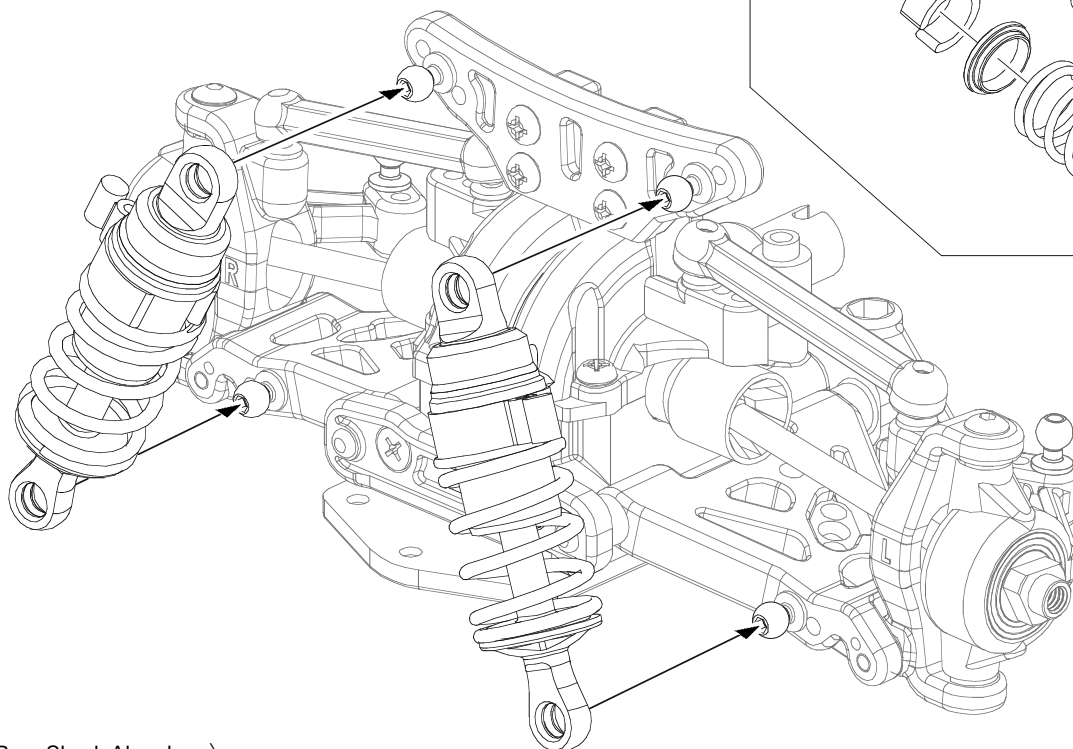
- ① 3x10mm
BT Philip Machine Screw
圓頭十字螺絲
- ② 6mm(L)
Ball Stud
球頭座



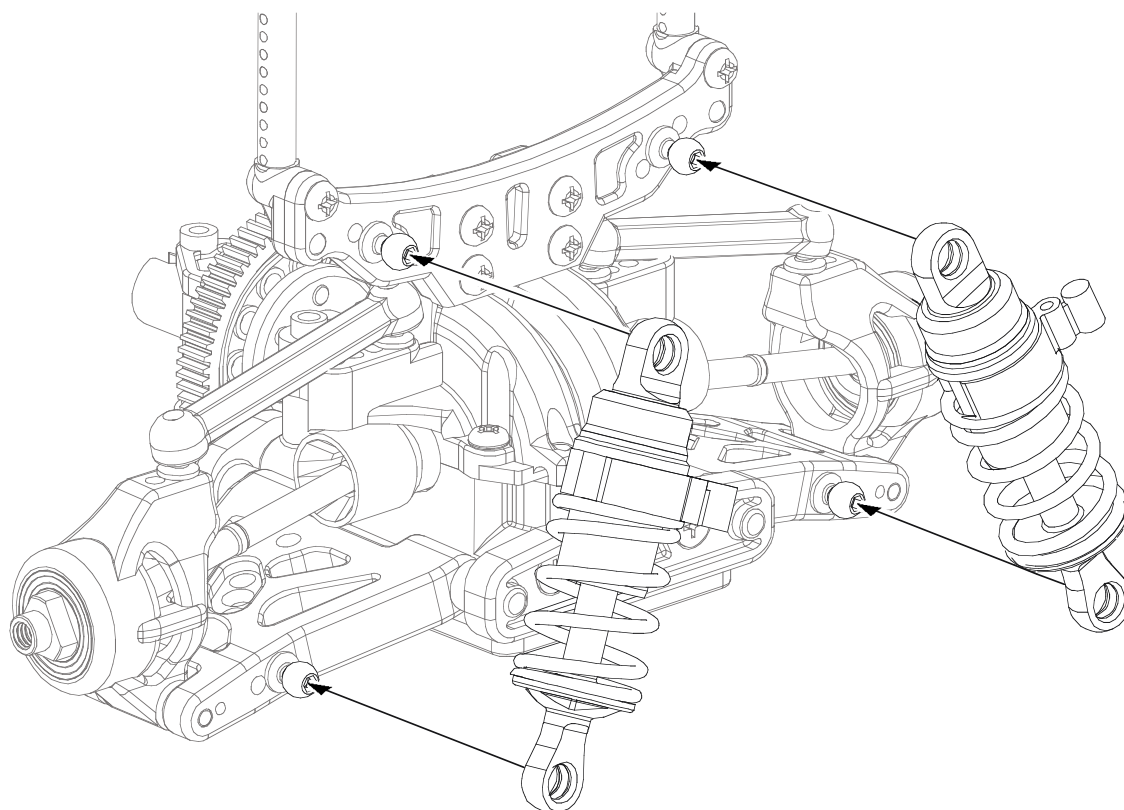
Assemble left and right side the same way
左右側組件相同

STEP8 Shock Absorber 避震器組

〈Front Shock Absorbers〉
〈將前避震器與前擺臂懸吊結合〉

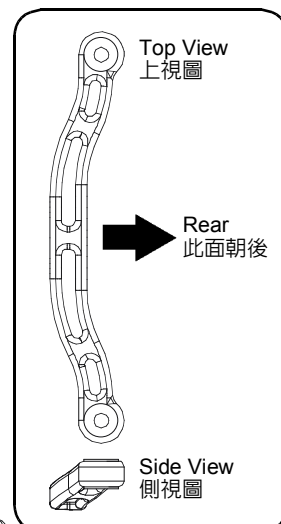
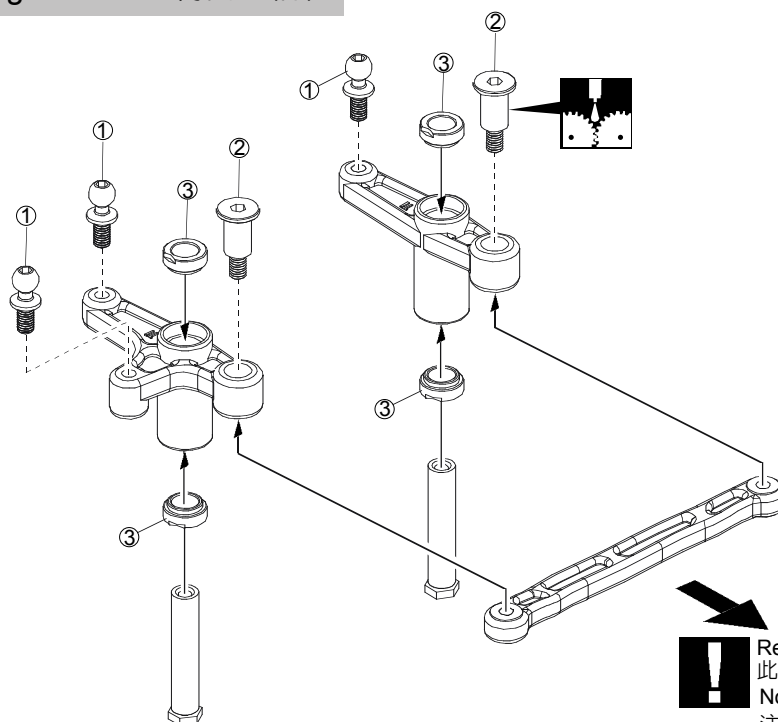


〈Rear Shock Absorbers〉
〈將後避震器與後擺臂懸吊結合〉

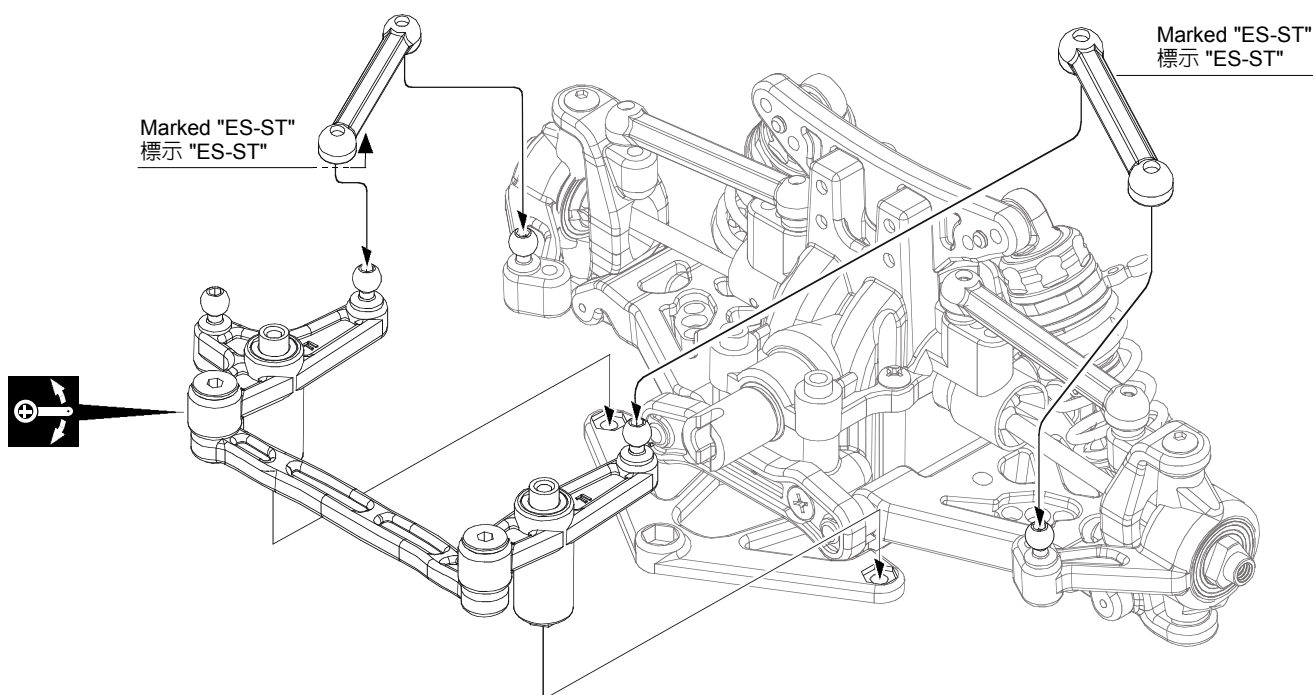


STEP9 Steering Bellcrank 轉向曲柄組

- ① 6mm(L) Ball Stud 球頭座
- ② Swing Post Screw 轉向曲柄固定螺絲
- ③ 5x8x2.5mm Bushing 襯套



STEP9 Steering Bellcrank 轉向曲柄組



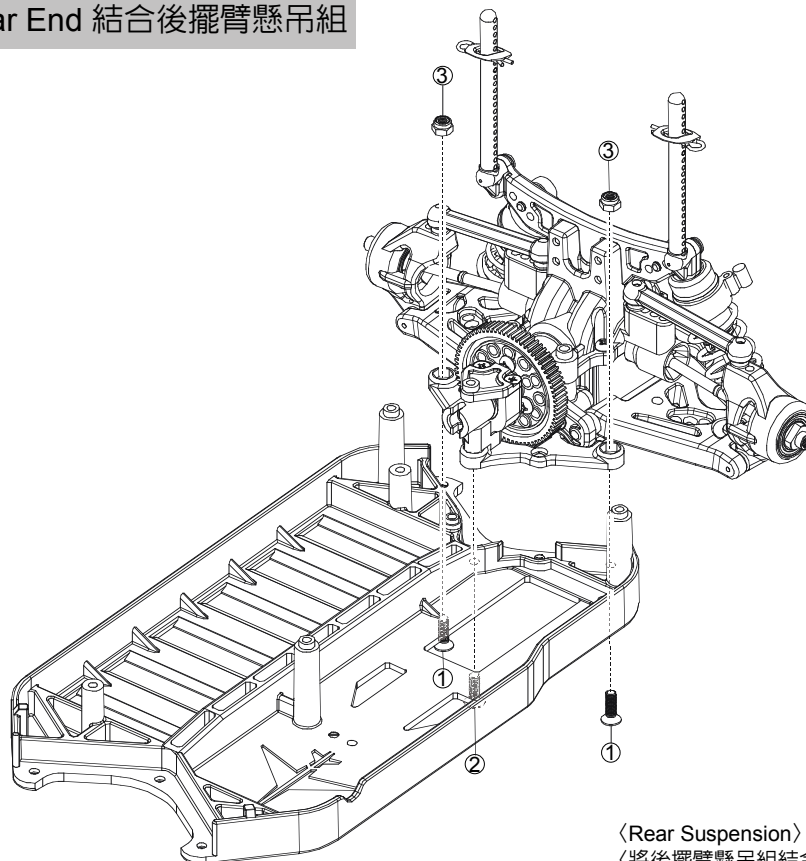
! Pay close attention here
注意組裝步驟

! Apply grease
使用潤滑油膏 (黃油)

+ Ensure smooth, non-binding movement when assembling
確認組件靈活度

STEP10 Installation of Rear End 結合後擺臂懸吊組

- 
 2
 ① 3x10mm
F/H Philip Machine Screw
平頭十字螺絲
- 
 1
 ② 3x14mm
F/H Philip Machine Screw
平頭十字螺絲
- 
 2
 ③ M3 Lock Nut
止鬆螺帽

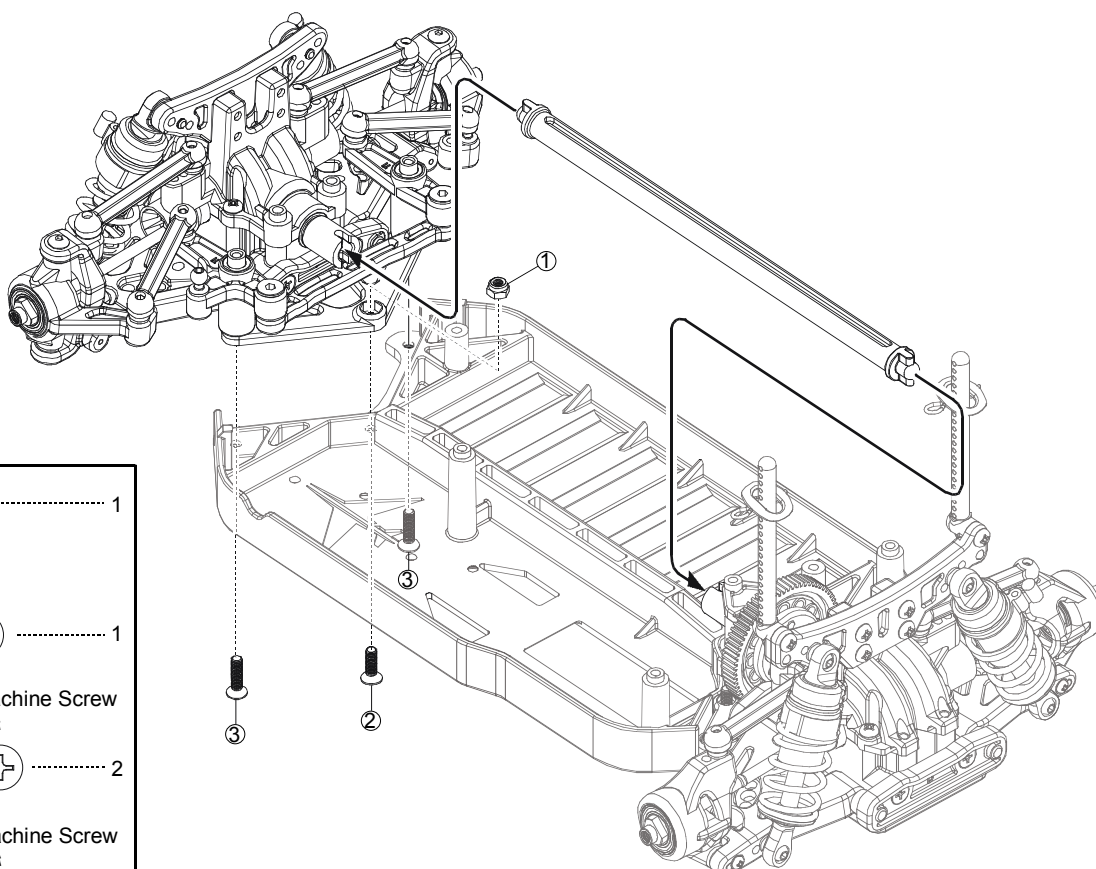


〈Rear Suspension〉
〈將後擺臂懸吊組結合於底板上〉

STEP11 Installation of Front End 結合前擺臂懸吊組

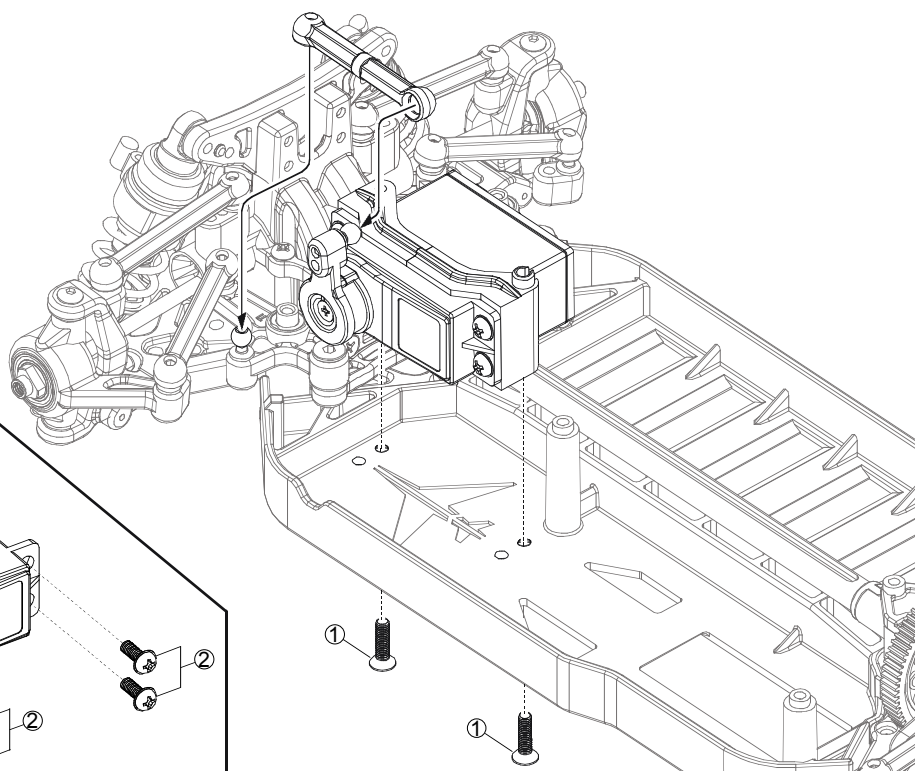
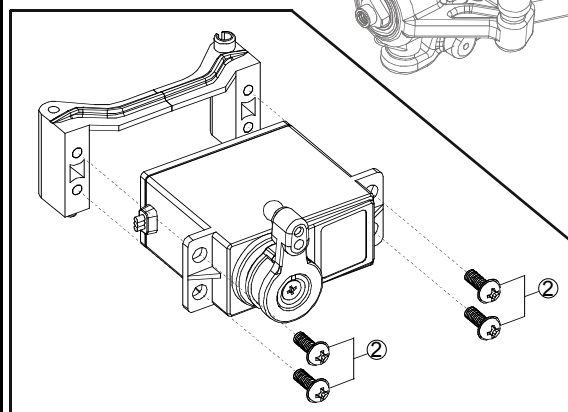
〈Front Suspension〉
〈將前擺臂懸吊組結合於底板上〉

- 
 1
 ① M3 Lock Nut
止鬆螺帽
- 
 1
 ② 3x10mm
F/H Philip Machine Screw
平頭十字螺絲
- 
 2
 ③ 3x12mm
F/H Philip Machine Screw
平頭十字螺絲



STEP13 Steering Servo 轉向伺服機

- ① 3x10mm
F/H Philip Machine Screw
平頭十字螺絲
- ② 3x8mm
BT Self-Tapping Screw W/washer
圓頭十字墊圈螺絲



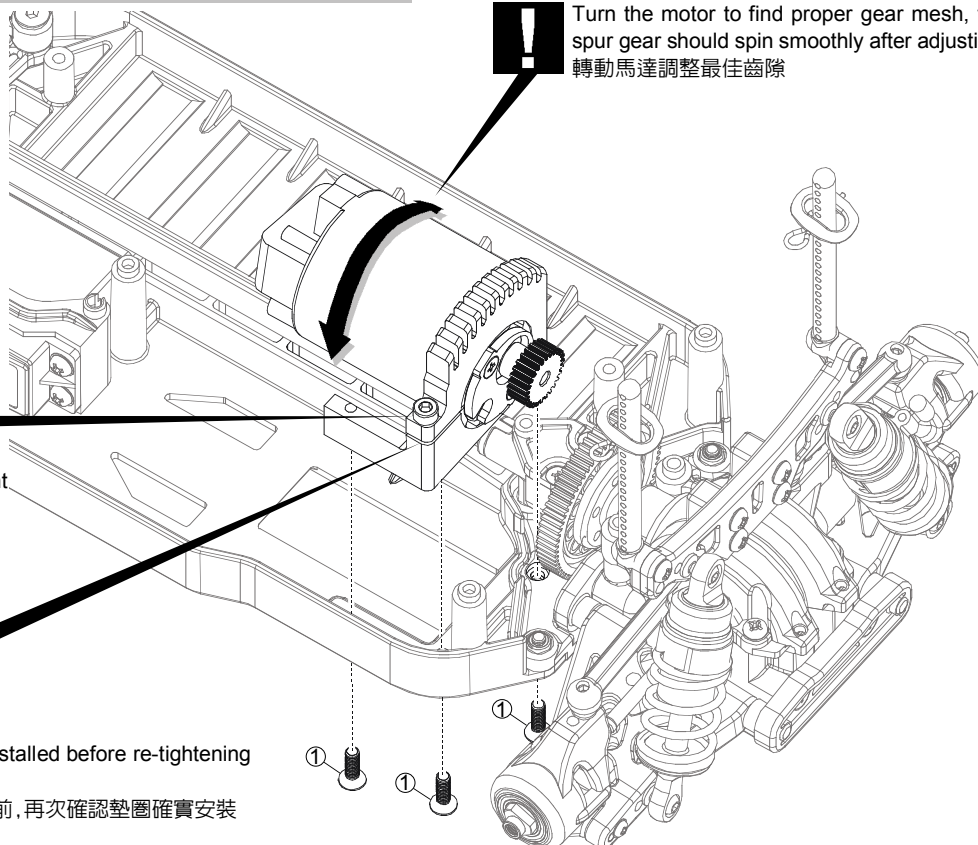
STEP14 Installation of Motor Mount 結合馬達組

- ① 3x10mm
F/H Philip Machine Screw
平頭十字螺絲

!
Finally tighten the motor mount
screw.
調整完成後再鎖附螺絲

!
Note the washer is installed before re-tightening
the screw.
鎖附馬達固定座螺絲前, 再次確認墊圈確實安裝

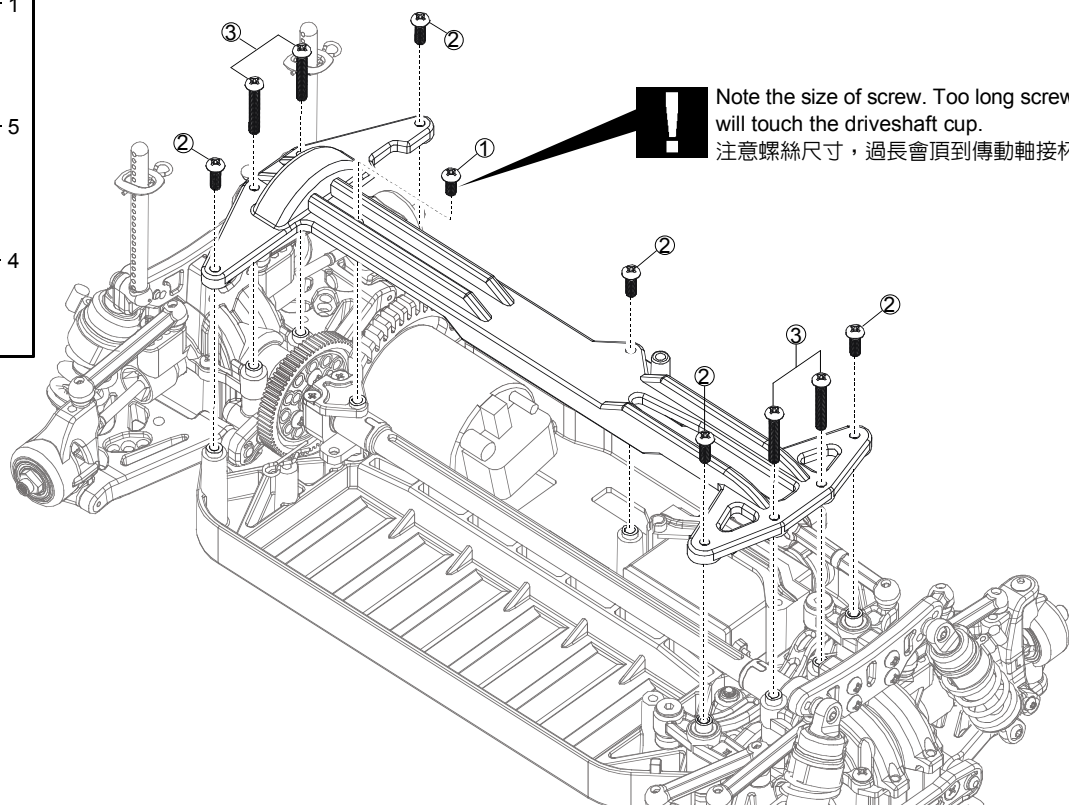
! Turn the motor to find proper gear mesh, the
spur gear should spin smoothly after adjusting.
轉動馬達調整最佳齒隙



! Pay close attention here
注意組裝步驟

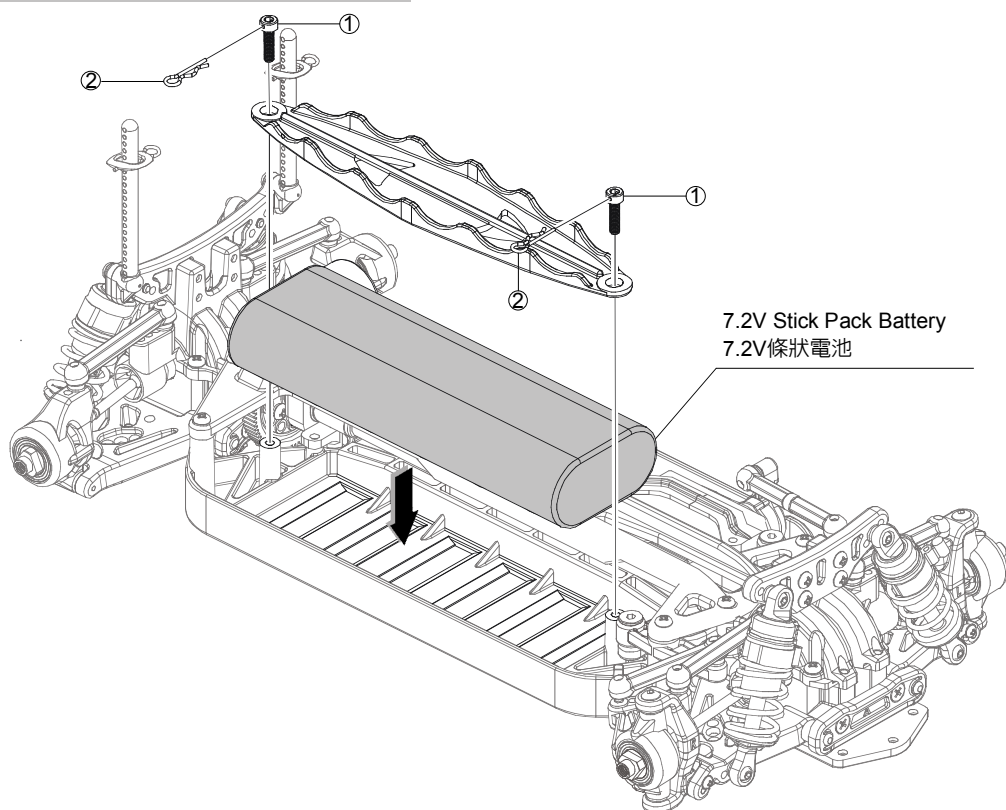
STEP15 Installation of Top Plate 結合二樓板

- ① 3x6mm
BT Philip Machine Screw
圓頭十字螺絲
- ② 3x8mm
BT Philip Machine Screw
圓頭十字螺絲
- ③ 3x18mm
BT Philip Machine Screw
圓頭十字螺絲



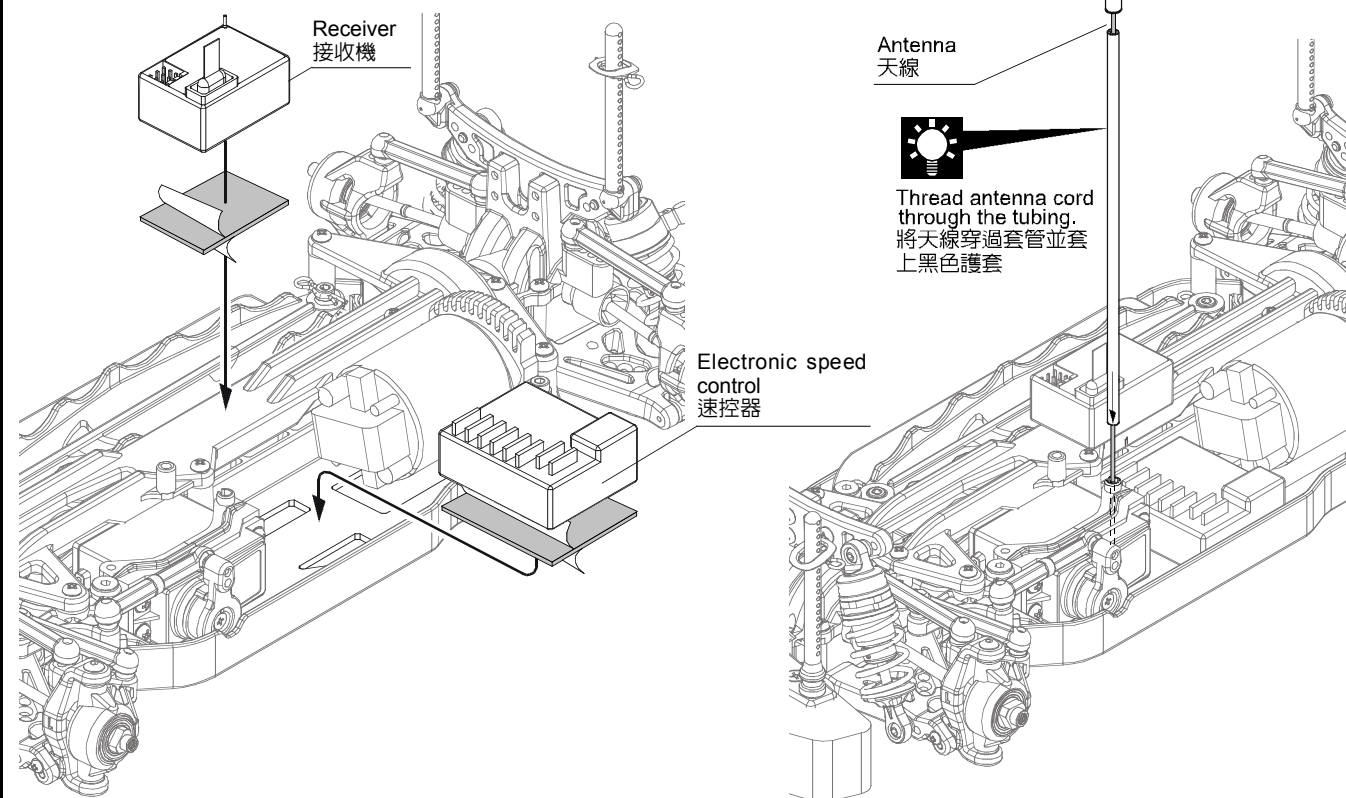
STEP16 Installation of Battery Pack 安裝電池

- ① 3x12mm
Socket Hex Machine Screw
內六角固定螺絲
- ② Body Clip
車殼R型插銷

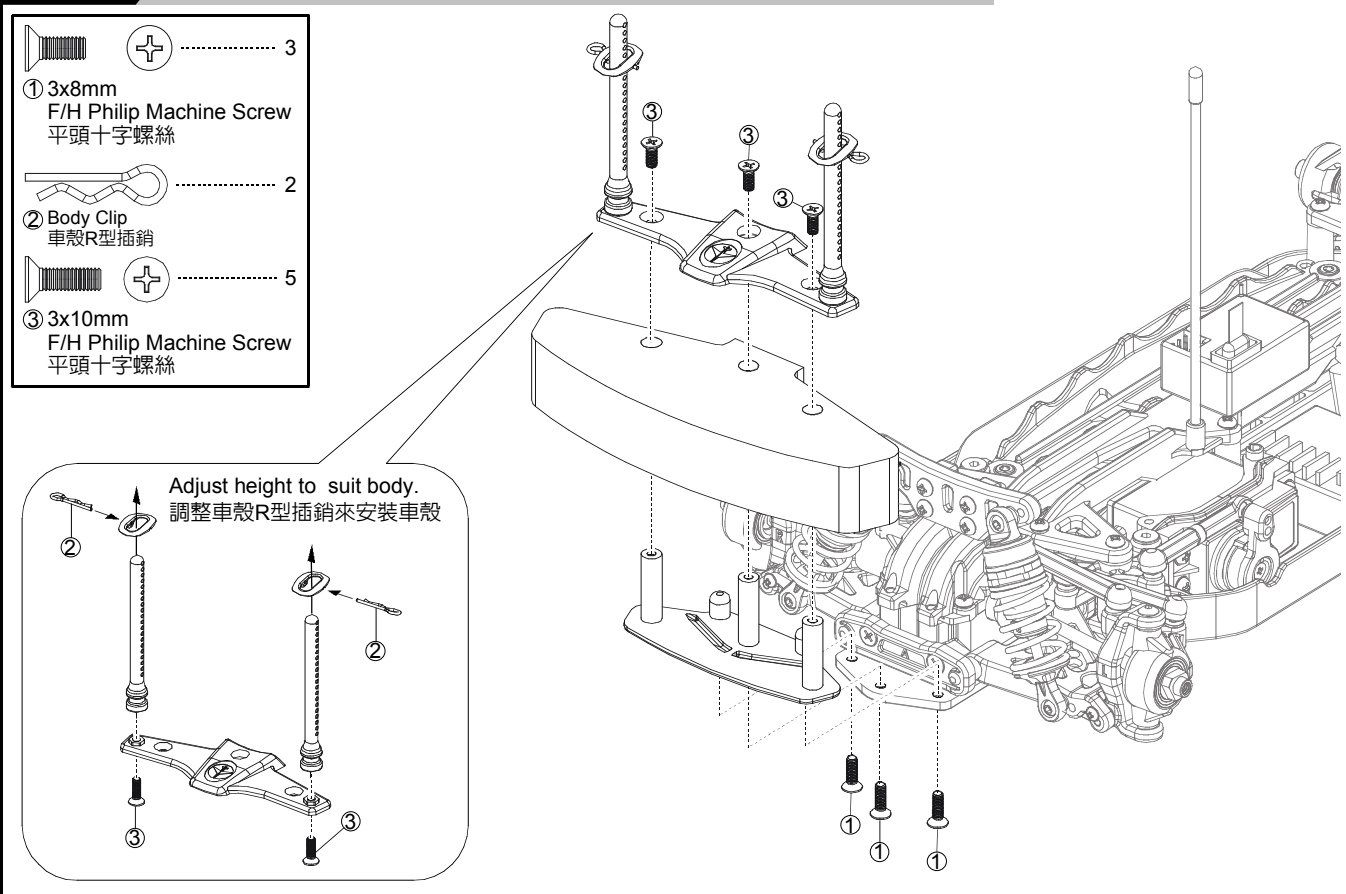


! Pay close attention here
注意組裝步驟

STEP17 Receiver & E.S.C 接收機與速控器

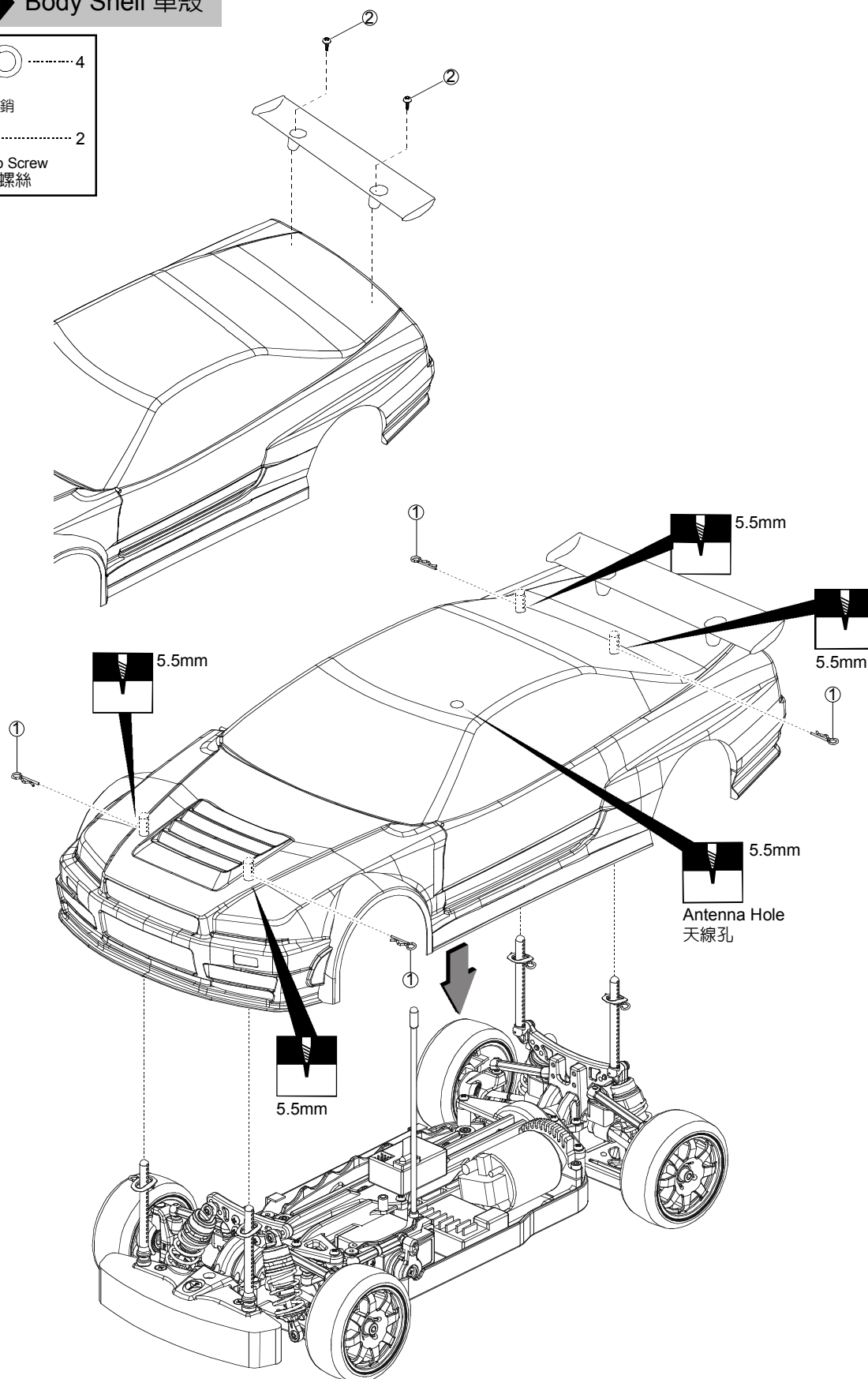


STEP18 Front Bumper 前防撞板 / FrontBody Mounts 前車殼支柱

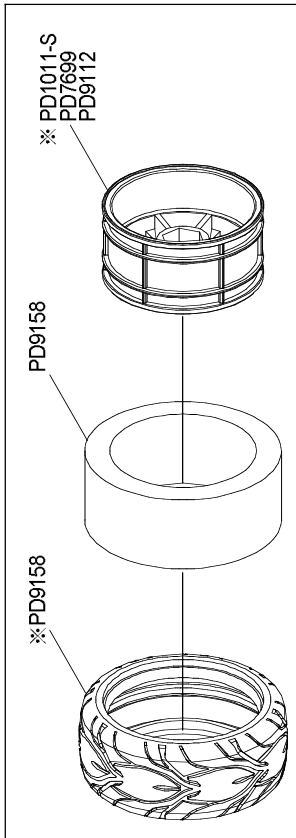


STEP20 Body Shell 車殼

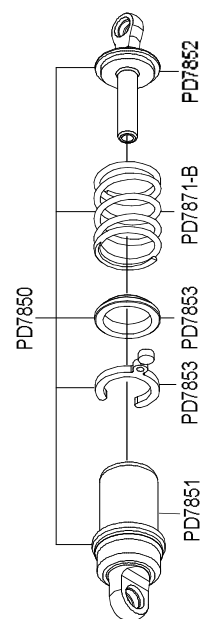
- ① Body Clip
車殼R型插銷
- ② Round Tap Screw
圓頭十字螺絲



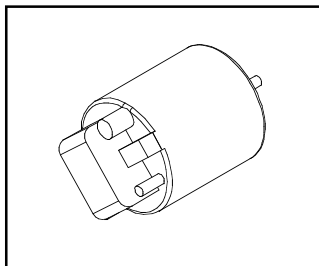
Drill holes with the specified diameter
依標示尺寸鑽孔



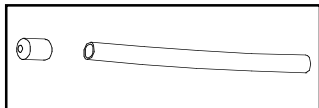
※ The tires and wheels in your kit may vary from those shown in the pictures. Thunder Tiger is constantly working to upgrade our kits and we reserve the right to change specifications without prior notice. 本套生物組之輪胎與輪圈可能與圖示有所不同。雷霆虎模型公司為不斷提升產品品質，未來產品規格之設計可能與現行產品不同，恕不另行通知。



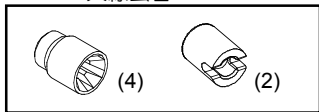
SPARROWHAWK VX PART 零件表



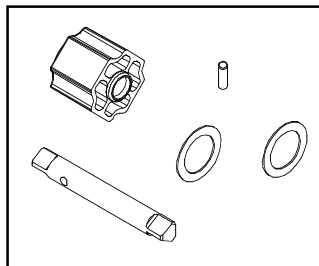
PD7338 MOTOR W/DECAL SET
馬達零件包 (540)



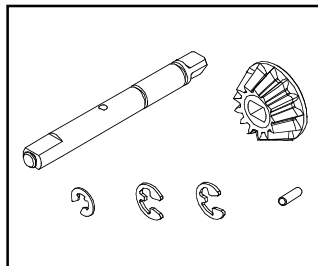
PD7712 ANTENNA BAG
天線套管



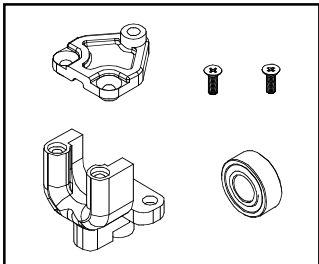
PD7831 OUTDRIVE CUP SET
傳動軸套



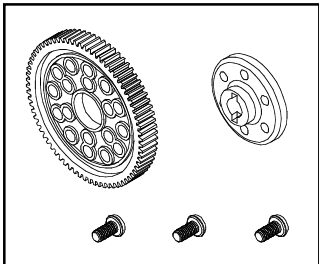
PD7832 SOLID AXLE
中差固定塊組



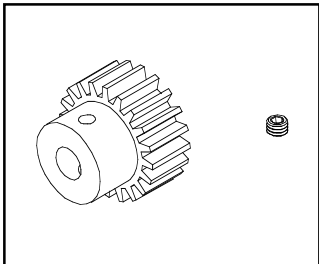
PD7833 DRIVE PINION&INPUT SHAFT
差速輪軸組



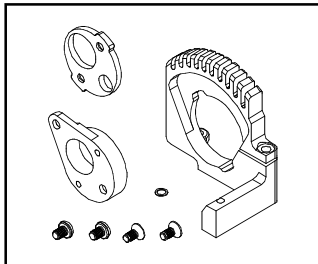
PD7834 SPUR GEAR MOUNT W/B.B
中央軸承座組



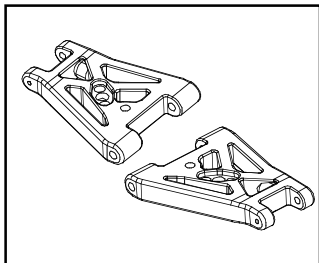
PD7835 SPUR GEAR HUB, 72T
主齒輪組(72T)



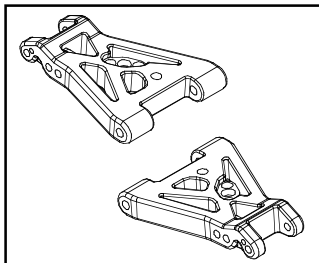
PD7836 PINION GEAR, 26T
馬達齒輪



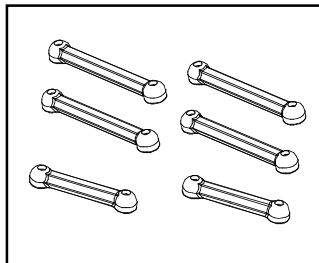
PD7837 MOTOR MOUNT
馬達固定座



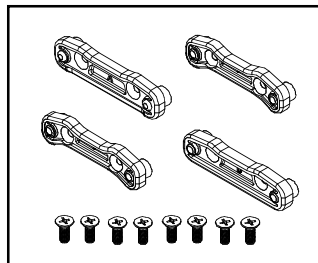
PD7838 REAR SUSPENSION ARMS
後擺臂



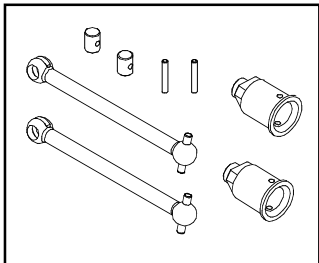
PD7839 FRONT SUSPENSION ARMS
前擺臂



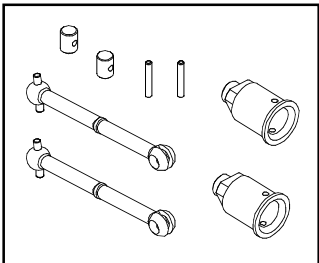
PD7840 UPPER LINK SET
拉桿組



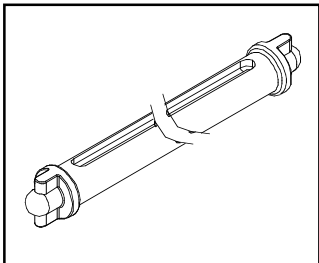
PD7841 SUSP. TOE PLATE
投影板



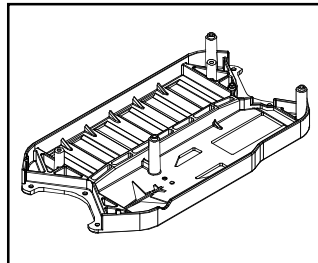
PD7842 FRONT DOGBONES
前傳動狗骨



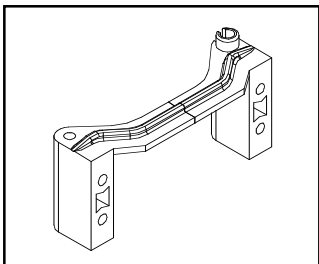
PD7843 REAR DOGBONES
後傳動狗骨



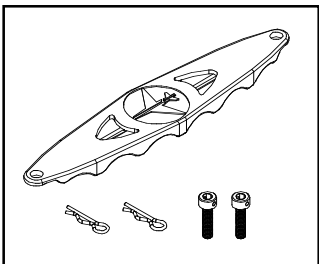
PD7844 MAIN DRIVESHAFT
中央傳動軸



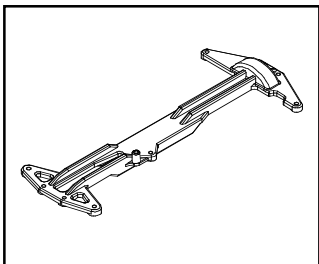
PD7845 CHASSIS
車底盤



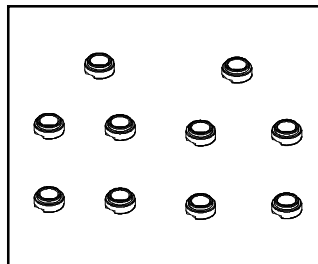
PD7846 SERVO MOUNT
伺服機座



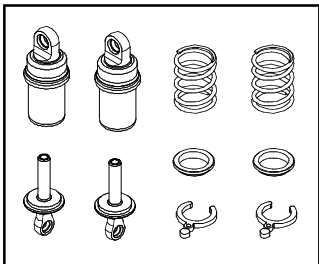
PD7847 BATTERY BRACE
電池夾片



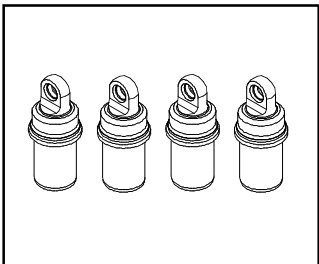
PD7848 TOP PLATE
二樓板



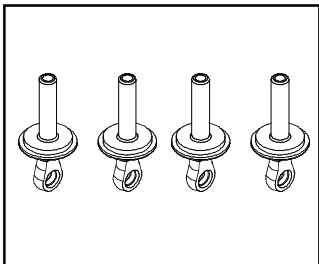
PD7849 NYLON BUSHINGS
轉向支柱襯套



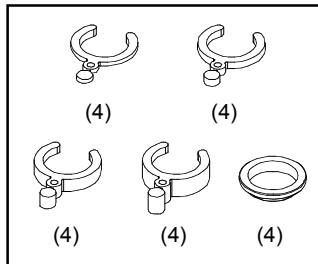
PD7850 SHOCK SET
避震器組



PD7851 SHOCK BODY
避震器套筒組

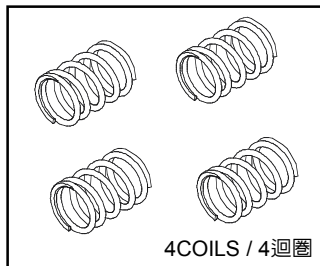


PD7852 SHOCK BOTTOM CAPS
避震器下座組

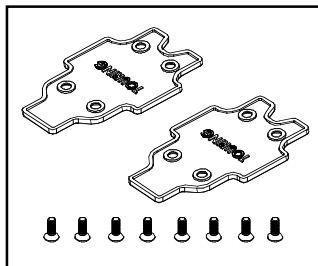


PD7853 SHOCK CLIPS
調整夾

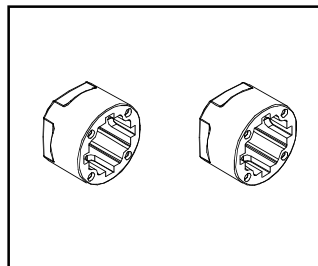
SPARROWHAWK VX PART 零件表



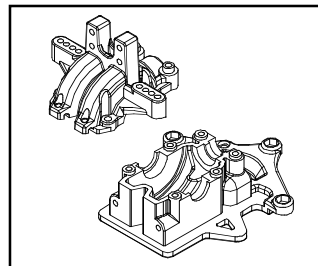
PD7871-B HOCK SPRING, BLACK
避震器彈簧(黑色)21x1.8mm



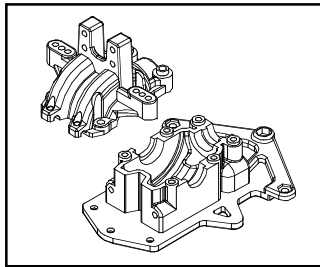
PD7879 BULKHEAD COVER
差速箱下蓋版



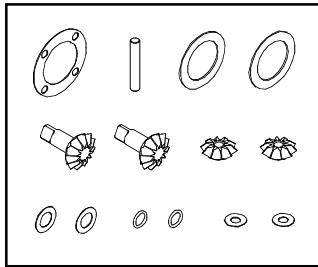
PD9051 DIFFERENTIAL CASE
差速器本體



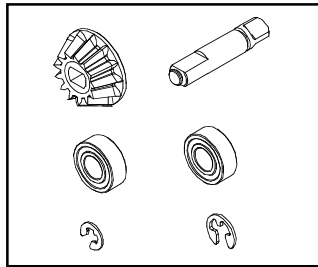
PD9052 REAR BULK SET
後差速箱上下蓋組



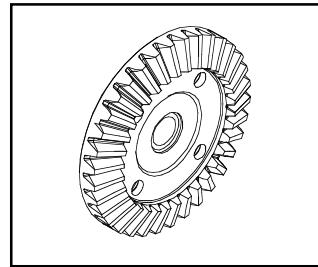
PD9053 FRONT BULK SET
前差速箱上下蓋組



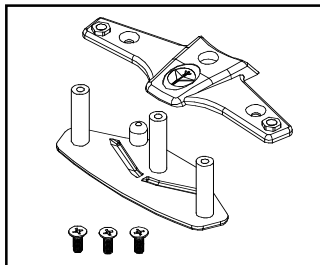
PD9055 DIFFERENTIAL GEAR SET
差速組齒輪



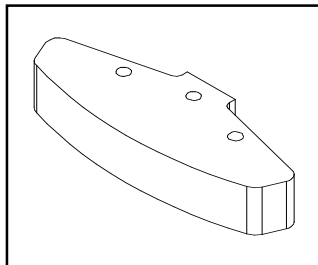
PD9057 DRIVE PINION SET 13T
差速小傘齒(13T)



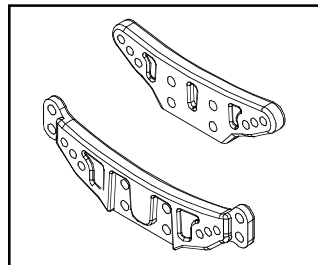
PD9058 DIFF SPUR GEAR 34T
差速大傘齒(34T)



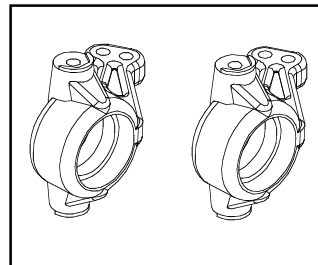
PD9072 BUMPER SET
前防撞板



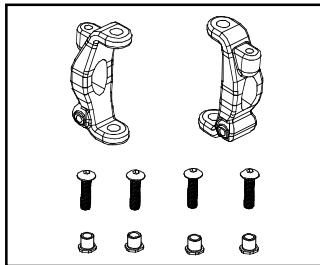
PD9073 URETHANE BUMPER
防撞泡綿



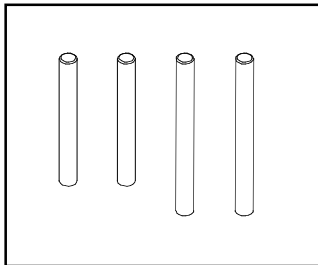
PD9074 SHOCK TOWER SET
避震器支架



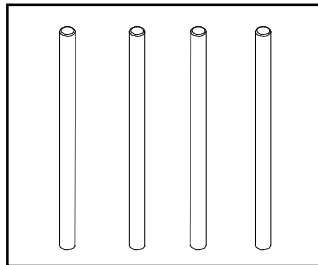
PD9077 STEERING BLOCK SET
轉向臂



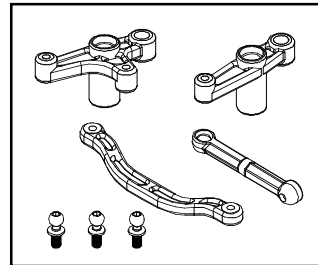
PD9078 CASTER BLOCK SET
C型座組



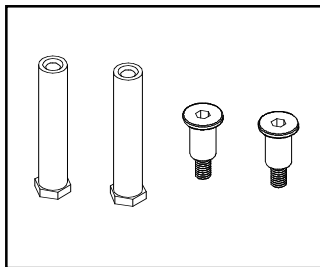
PD9080 OUTER HINGE PIN SET
軸承針組



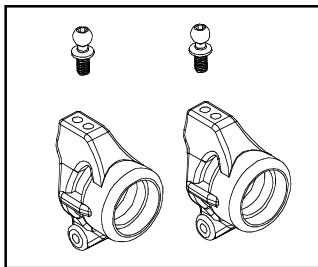
PD9083 INNER HINGE PIN SET
擺臂軸



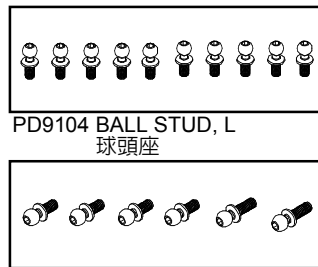
PD9086 SWING RACK SET
轉向曲柄組



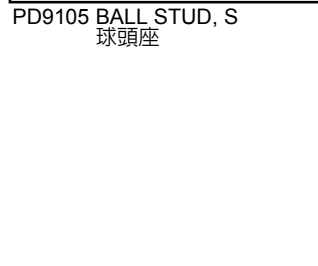
PD9087 SWING POST SCREW
((((((轉向軸



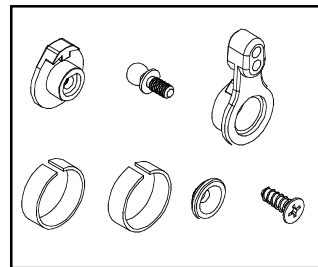
PD9090 HUB CARRIER SET
後輪座



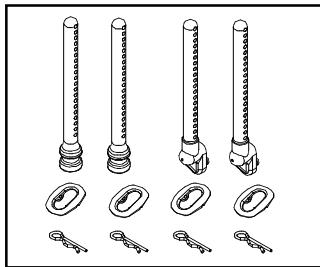
PD9104 BALL STUD, L
球頭座



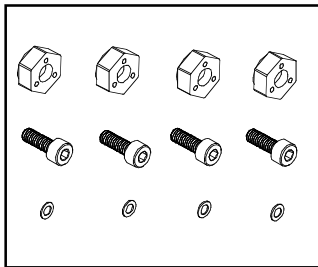
PD9105 BALL STUD, S
球頭座



PD9107 STEERING SERVO HORN SET
轉向拉桿緩衝組



PD9109 BODY POST SET
((((((車殼支柱

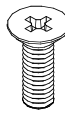


PD9110 HXE ADAPTER SET
六角輪轂轉換座組

SPARROWHAWK VX PART 零件表

	PD0874 d5xD10xW4(4)
	PD1573 d5xD11xW4(2)
	PD0458 d10xD15xW4(2)
	PD0876 d8xD14xW4(4)

BALL BEARING
滾珠軸承

	PD7943 M2.5x8B(20)
	PD1191 M3x8B(20)
	PD1192 M3x10B(20)
	PD9124 M2.5x12B(20)
	PD7855 M2.5x6B(20)

CT P.M.SCREW
平頭十字螺絲

	PD7475 M3x10B (20)
	PD7469 M4x12B (20)

SK.H.M SCREW
內六角螺絲

	PD9131 M2.6x10(20)
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CT P.M.SCREW
平頭墊圈十字螺絲

	PD1244 M3B (20)
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LOCK NUT
止鬆螺帽

	PD1962 M3x4B (20)
	PD9126 M4x10B (20)

SET SCREW
無頭內六角螺絲

	PD1569 Ø4 (20)
	PD0978 Ø2.5 (20)

E-CLIP
E型扣環

	PD1683 M3x10B (20)
	PD9133 M2x4B(20)

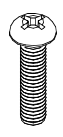
BT P. TAP SCREW
R型插銷

	PD0388 CLIPS (20)
	PD7193 HNLR5 (20)

HOOK PIN (R) BAG
止鬆螺帽

	PD0668 M3x10(20)
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BT.MACH. SCREW
半圓頭內六角螺絲

	PD1532 M3x8B (20)
	PD1533 M3x10B (20)
	PD8205 M3x6B (20)
	PD2488 M3x18B (20)
	PD1534 M3x12B (20)
	PD7339 M3x4B (20)

BT P.M. SCREW
圓頭十字螺絲

	PD0973 Ø4B (20)
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WASHER
平墊圈

PART#	DESCRIPTION	中文名稱	NOTE
PD0388	BODY CLIPS(20)	R型插銷(20)	
PD0458	BALL BEARINGS(2), d10XD15xW4	軸承零件包(2), d10XD15xW4	
PD0668	BT M. SCREW(20), M3x10	半圓頭內六角螺絲(20), M3x10	
PD0876	BALL BEARINGS(4), d8XD14xW4	軸承零件包(4), d8XD14xW4	
PD0973	WASHER(20), 4mm	華司(20), 4mm	
PD0978	E-CLIP(20), 4mm	E型扣環(20), 4mm	
PD1191	CTP.M.SCREW(20), M3x8	平頭十字螺絲(20), M3x8	
PD1192	CTP.M.SCREW(20), M3x10	平頭十字螺絲(20), M3x10	
PD1244	LOCK NUT(10), M3	止鬆螺帽(10), M3	
PD1532	BT P.M. SCREW(20), M3x8	圓頭十字螺絲(20), M3x8	
PD1533	BT P.M. SCREW(20), M3x10	圓頭十字螺絲(20), M3x10	
PD1534	BT P.M. SCREW(20), M3x12	圓頭十字螺絲(20), M3x12	
PD1569	E-CLIP(20), 2.5mm	E型扣環(20), 2.5mm	
PD1573	BALL BEARINGS(2), d5xD11xW4	軸承零件包(2), d5xD11xW4	
PD1683	BT P.M. SCREW W/W(20)	圓頭十字墊圈螺絲(20)	
PD1962	SET SCREW(20), M3x4	無頭內六角螺絲(20), M3x4	
PD2488	BT P.M. SCREW(20), M3x18	圓頭十字螺絲(20), M3x18	
PD7193	BODY CLIPS (20), 4mm	R型插銷 (20), 4mm	
PD7338	MOTOR W/DECAL SET	馬達零件包 (540)	
PD7339	BT P.M. SCREW(20), M3x4	圓頭十字螺絲(20), M3x4	
PD7469	SKH.M SCREW(10), M4x12	內六角螺絲(10), M4x12	
PD7475	SKH.M SCREW(10), M3x10	內六角螺絲(10), M3x10	
PD7712	ANTENNA BAG	天線套管	
PD7831	OUTDRIVE CUP SET	傳動軸套	
PD7832	SOLID AXLE	中差固定塊組	
PD7833	DRIVE PINION&INPUT SHAFT	差速輪軸組	
PD7834	SPUR GEAR MOUNT W/B.B	中央軸承座組	
PD7835	SPUR GEAR HUB, 72T	主齒輪組(72T)	
PD7836	PINION GEAR, 26T	馬達齒輪(26T)	
PD7837	MOTOR MOUNT	馬達固定座	
PD7838	REAR SUSP. ARMS	後擺臂	
PD7839	FRONT SUSP. ARMS	前擺臂	
PD7840	UPPER LINK SET	拉桿組	
PD7841	SUSP. TOE PLATE	投影板	
PD7842	FRONT DOGBONES	前傳動狗骨	
PD7843	REAR DOGBONES	後傳動狗骨	
PD7844	MAIN DRIVESHAFT	中央傳動軸	
PD7845	CHASSIS	車底盤	
PD7846	SERVO MOUNT	伺服機座	
PD7847	BATTERY BRACE	電池夾片	
PD7848	TOP PLATE	二樓板	
PD7849	NYLON BUSHINGS	轉向支柱襯套	
PD7850	SHOCK SET	避震器組	
PD7851	SHOCK BODY	避震器套筒組	
PD7852	SHOCK BOTTOM CAPS	避震器下座組	
PD7853	SHOCK CLIPS	調整夾	
PD7854	WHL HEX ADAPTER	傳動輪軸	
PD7855	CTP.M.SCREW(20), M2.5x6	平頭十字螺絲(20), M2.5x6	
PD7871-B	SHOCK SPRING, BLACK, 21x1.8mm, 4COILS	避震器彈簧(黑色), 4迴圈	HARD 硬
PD7879	BULKHEAD COVER	差速箱下蓋板	
PD7943	CTP.M.SCREW(20), M2.5x8	平頭十字螺絲(20), M2.5x8	
PD8205	BT P.M. SCREW(20), M3x6	圓頭十字螺絲(20), M3x6	
PD9051	DIFFERENTIAL CASE	差速器本體	
PD9052	REAR BULK SET	後差速箱上下蓋組	
PD9053	FRONT BULK SET	前差速箱上下蓋組	
PD9055	DIFFERENTIAL GEAR SET	差速組齒輪	
PD9057	DRIVE PINION SET 13T	差速小傘齒(13T)	
PD9058	DIFF SPUR GEAR 34T	差速大傘齒(34T)	
PD9072	BUMPER SET	前防撞板	
PD9073	URETHANE BUMPER	防撞泡綿	



SPARROWHAWK VX PARTS LIST (零件表)

PART#	DESCRIPTION	中文名稱	NOTE
PD9074	SHOCK TOWER SET	避震器支架	
PD9077	STEERING BLOCK SET	轉向臂	
PD9078	CASTER BLOCK SET	C型座組	
PD9080	OUTER HINGE PIN SET	軸承針組	
PD9083	INNER HINGE PIN SET	擺臂軸	
PD9086	SWING RACK SET	轉向曲柄組	
PD9087	SWING POST SCREW	轉向軸	
PD9090	HUB CARRIER SET	後輪座	
PD9104	BALL STUD, L	球頭座	
PD9105	BALL STUD, S	球頭座	
PD9107	STEERING SERVO HORN SET	轉向拉桿緩衝組	
PD9109	BODY POST SET	車殼支柱	
PD9110	HXE ADAPTER SET	六角輪殼轉換座組	
PD9124	CT P.M.SCREW(20), M2.5x12	平頭十字螺絲(20), M2.5x12	
PD9126	SET SCREW(20), M4x10	無頭內六角螺絲(20), M4x10	
PD9131	CT P.M.SCREW(20), M2.6x10	平頭墊圈十字螺絲(20), M2.6x10	
PD9133	BT P. TAP SCREW(20), M2x4	圓頭十字螺絲(20), M2x4	

SPARROWHAWK VX OPTION PART (改裝配件)



PD7722 ALUM STEERING BLOCK SET
鋁合金改裝轉向臂



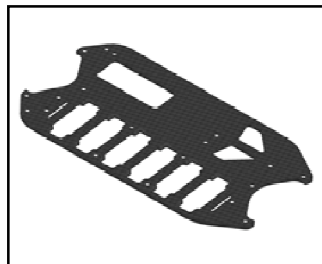
PD7723 ALUM CASTER BLOCK SET
鋁合金改裝C型座組



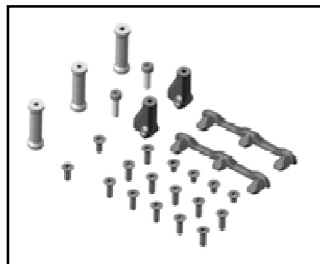
PD7724 ALUM HUB CARRIER SET
((((((鋁合金改裝後輪座



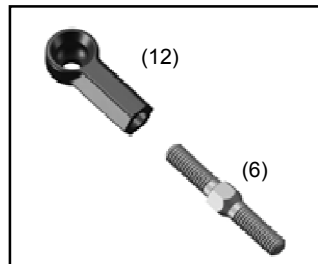
PD7865 ALUM MOTOR MNT.
馬達固定座



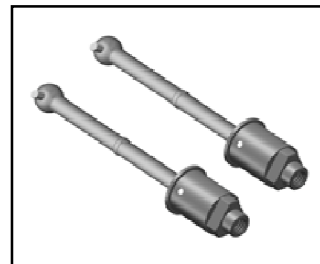
PD7866 CFRP CHASSIS
車底板 (破纖板)



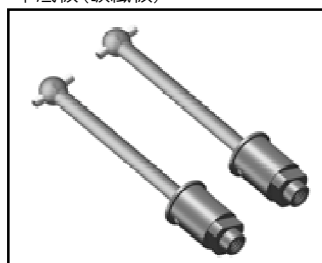
PD7867 BATT.BRACE&ACC
車底板附件組



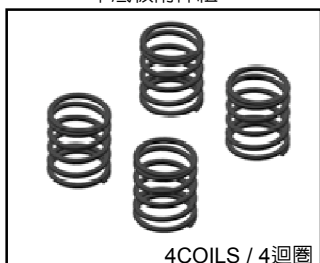
PD7868 ALUM TURNBUCKLE SET
擺臂及轉向拉桿組



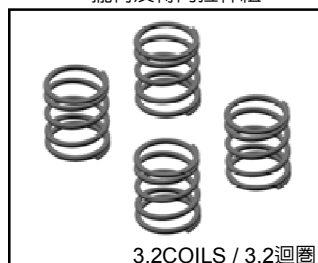
PD7869 REAR UNINI SHAFT
後傳動軸組



PD7870 FRONT UNINI SHAFT
前傳動軸組



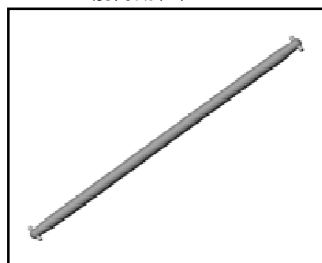
PD7871 SHOCK SPRING, (BL)
避震器彈簧 (藍) 21x1.6mm



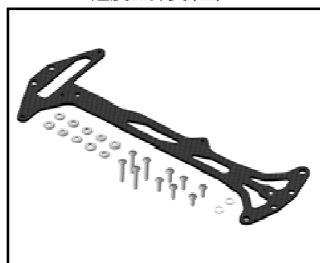
PD7872 SHOCK SPRING, (R)
避震器彈簧 (紅) 21x1.6mm



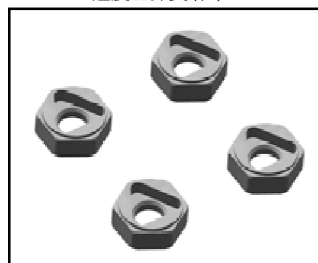
PD7873 ALUM THREAD SHOCK SET
避震器套筒組



PD7874 STEEL MAIN DRIVESHAFT
中央傳動軸



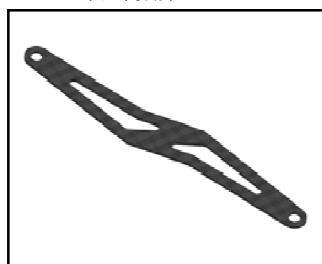
PD7875 CFRP TOP PLATE
二樓板 (破纖板)



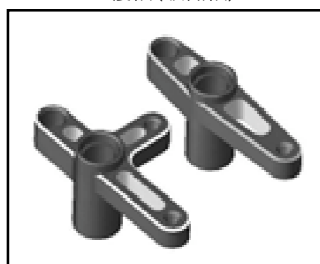
PD7876 ALUM HEX ADAPTER
鋁合金改裝六角輪骨轉換器



PD7877 AL BATT. STRAP SCREW
電池夾片螺絲



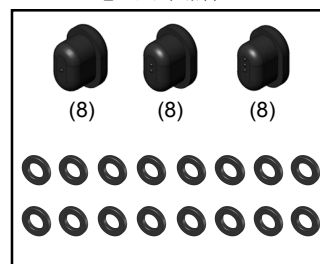
PD7878 CFRP BATT. STRAP
破纖維電池夾板



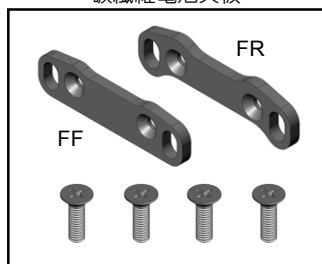
PD7968 ALUM STEERING BELLCRANK
鋁合金改裝轉向搖臂



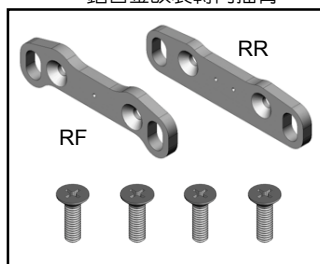
PD7969 ALUM STEERING SLIDER
鋁合金改裝轉向曲柄



PD9082 SUSP.ARM MOUNT BUSHING
擺臂軸套



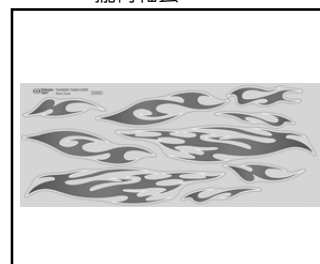
PD9084 FRONT TOE PLATE
前投影板(0°)



PD9085 REAR TOE PLATE
後投影板(2.5°)



PD9130 BALL BEARING 5x8x2.5mm
滾珠軸承 5x8x2.5mm

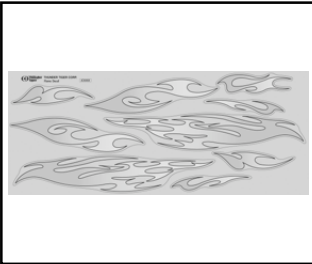


PD9140 FLAME DECAL, BLUE
火燄貼紙, 藍

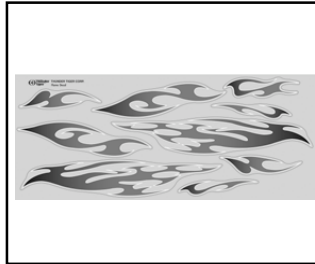
※CFRP=CARBON FIBER REINFORCED PLATE

※ALUM=ALUMINUM

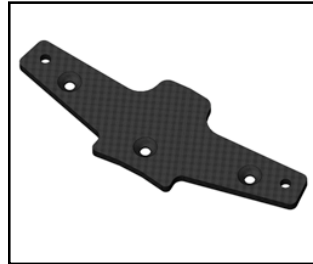
SPARROWHAWK VX OPTION PART (改裝配件)



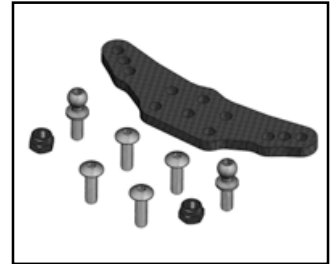
PD9141 FLAME DECAL, YELLOW
火燄貼紙, 黃



PD9142 FLAME DECAL, RED
火燄貼紙, 紅



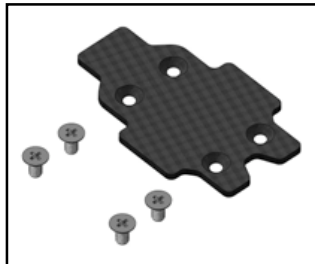
PD9143 CFRP BUMPER TOP PLT
碳纖維前防撞上板



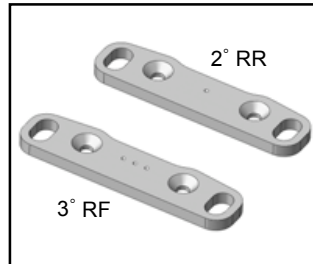
PD9144 CFRP FR SHK TOWER
碳纖維前避震器支架



PD9145 CFRP REAR SHOCK TOWER
碳纖維後避震器支架



PD9146 CFRP BULK LOWER COVER
碳纖維差速箱下蓋板



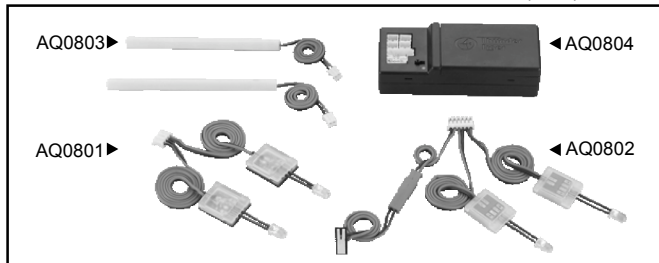
PD9149 ALUM. REAR TOE BLOCK
後投影板(2°/3°)



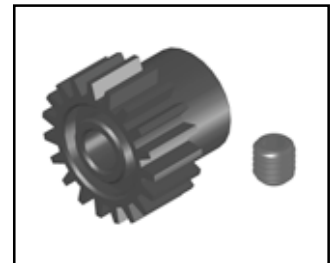
PD9154 ALUM. UPPER ROD
上擺臂拉桿組



NO.1340 ROTATING CAR STAND
旋轉調車架



NO.2705 LED LIGHTING KIT
LED 改裝燈組



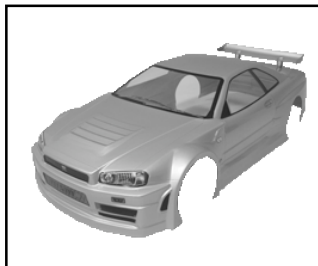
Motor Pinion Gear 馬達驅動齒
PD7033 19T
PD7034 20T
PD7035 21T
PD7036 22T
PD7037 23T
PD7039 25T



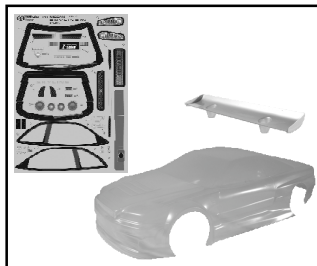
SPARROWHAWK VX OPTION PARTS LIST (改裝零件表)

PART#	DESCRIPTION	中文名稱	NOTE
PD7033	MOTOR PINION GEAR, 19T	馬達驅動齒19齒	
PD7034	MOTOR PINION GEAR, 20T	馬達驅動齒20齒	
PD7035	MOTOR PINION GEAR, 21T	馬達驅動齒21齒	
PD7036	MOTOR PINION GEAR, 22T	馬達驅動齒22齒	
PD7037	MOTOR PINION GEAR, 23T	馬達驅動齒23齒	
PD7039	MOTOR PINION GEAR, 25T	馬達驅動齒25齒	
PD7722	ALUM STEERING BLOCK SET	鋁合金改裝轉向臂	
PD7723	ALUM CASTER BLOCK SET	鋁合金改裝C型座組	
PD7724	ALUM HUB CARRIER SET	鋁合金改裝後輪座	
PD7865	ALUM MOTOR MNT.	馬達固定座	
PD7866	CFRP CHASSIS	車底板 (碳纖板)	
PD7867	BATTERY BRACE&ACC.	車底板附件組	
PD7868	ALUM TURNBUCKLE SET	擺臂及轉向拉桿組	
PD7869	REAR UNINI SHAFT	後傳動軸組	
PD7870	FRONT UNINI SHAFT	前傳動軸組	
PD7871	SHOCK SPRING, 21x1.6mm (BLUE), 4COILS	避震器彈簧 (藍), 4迴圈	MID. 微硬
PD7872	SHOCK SPRING, 21x1.6mm (RED), 3.2COILS	避震器彈簧 (紅), 3.2迴圈	SOFT 軟
PD7873	ALUM THREAD SHOCK SET	避震器套筒組	
PD7874	STEEL MAIN DRIVESHAFT	中央傳動軸	
PD7875	CFRP TOP PLATE	二樓板 (碳纖板)	
PD7876	ALUM HEX ADAPTER	鋁合金改裝六角輪骨轉換器	
PD7877	ALUM BATTERY STRAP SCREW	電池夾片螺絲	
PD7878	CFRP BATTERY STRAP	碳纖維電池夾板	
PD7968	ALUM STEERING BELLCRANK	鋁合金改裝轉向搖臂	
PD7969	ALUM STEERING SLIDER	鋁合金改裝轉向曲柄	
PD9082	SUSPENSION ARM MOUNT BUSHING	擺臂軸套	
PD9084	FRONT TOE PLATE, 0°	前投影板(0度)	
PD9085	REAR TOE PLATE, 2.5°	後投影板(2.5度)	
PD9130	BALL BEARING 5x8x2.5mm	滾珠軸承 5x8x2.5mm	
PD9140	FLAME DECAL, BLUE	火燄貼紙, 藍	
PD9141	FLAME DECAL, YELLOW	火燄貼紙, 黃	
PD9142	FLAME DECAL, RED	火燄貼紙, 紅	
PD9143	CFRP BUMPER TOP PLT	碳纖維前防撞上板	
PD9144	CFRP FR SHK TOWER	碳纖維前避震器支架	
PD9145	CFRP REAR SHOCK TOWER	碳纖維後避震器支架	
PD9146	CFRP BULK LOWER COVER	碳纖維差速箱下蓋板	
PD9149	ALUM REAR TOE BLOCK 2°/3°	後投影板(2度/3度)	
PD9154	ALUM UPPER ROD	上擺臂拉桿組	
1340	ROTATING CAR STAND	旋轉調車架	
2705	LED LIGHTING KIT	LED 改裝燈組	

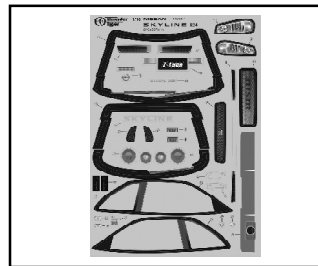
BODY SHELLS (車殼)



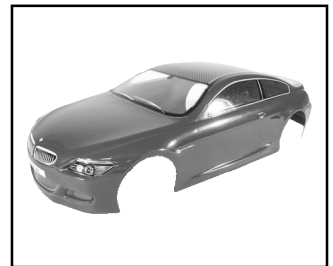
PD8257 PAINTED BODY SET
完成車殼, SKYLINE Z-TUNE



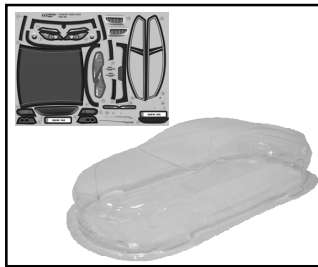
PD8258 CLEAR BODY W/DECAL
透明車殼及貼紙, SKYLINE Z-TUNE



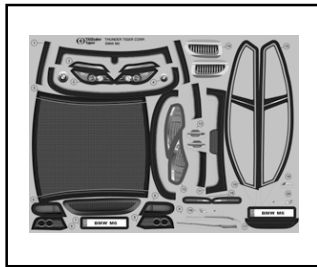
PD8259 DECAL SET
貼紙, SKYLINE Z-TUNE



PD8260 PAINTED BODY SET
完成車殼, BMW M6



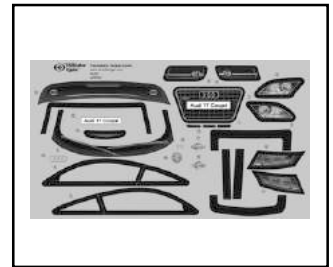
PD8261 CLEAR BODY W/DECAL
透明車殼及貼紙, BMW M6



PD8262 DECAL SET
貼紙, BMW M6



PD8263 PAINTED BODY SET
完成車殼, AUDI TT



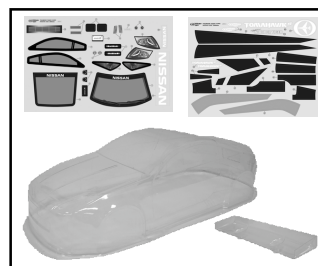
PD8264 DECAL SET
貼紙, AUDI TT



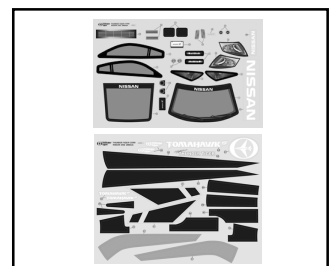
PD8265 CLEAR BODY W/DECAL
透明車殼及貼紙, AUDI TT



PD8286 PAINTED BODY SET
完成車殼, NISSAN 350Z



PD8287 CLEAR BODY W/DECAL
透明車殼及貼紙, NISSAN 350Z



PD8288 DECAL SET
貼紙, NISSAN 350Z



PD8289 PAINTED BODY SET
完成車殼, XANAVI GT-R (R34)



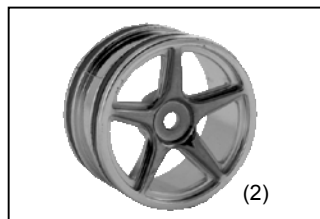
PD8290 CLEAR BODY W/DECAL XANAVI GT-R (R34)
透明車殼及貼紙



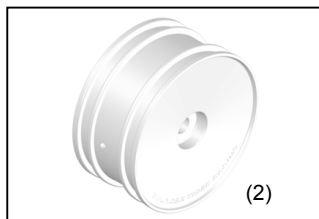
PD8291 DECAL SET XANAVI GT-R (R34)
貼紙

PART#	DESCRIPTION	中文名稱	NOTE
PD8257	PAINTED Z-TUNE	完成車殼, Z-TUNE	
PD8258	CLEAR Z-TUNE W/DECAL	透明車殼及貼紙, Z-TUNE	
PD8259	Z-TUNE DECAL SET	貼紙, Z-TUNE	
PD8260	PAINTED BMW M6	完成車殼, BMW M6	
PD8261	CLEAR BMW M6 W/DECAL	透明車殼及貼紙, BMW M6	
PD8262	BMW M6 DECAL SET	貼紙, BMW M6	
PD8263	PAINTED AUDI TT	完成車殼, AUDI TT	
PD8264	AUDI TT DECAL SET	貼紙, AUDI TT	
PD8265	CLEAR AUDI TT W/DECAL	透明車殼及貼紙, AUDI TT	
PD8286	PAINTED 350Z	完成車殼車殼, 350Z	
PD8287	CLEAR 350Z W/DECAL	透明車殼及貼紙, 350Z	
PD8288	350Z DECAL SET	貼紙, 350Z	
PD8289	PAINTED XANAVI GT-R R34	完成車殼車殼, XANAVI GT-R R34	
PD8290	CLEAR XANAVI GT-R R34 W/DECAL	透明車殼及貼紙, XANAVI GT-R R34	
PD8291	XANAVI GT-R R34 DECAL SET	貼紙, XANAVI GT-R R34	

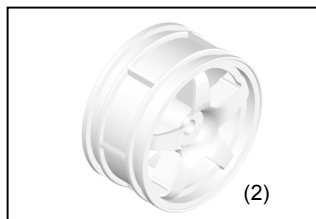
WHEEL & TIRE OPTION PART LIST (輪胎與輪轂)



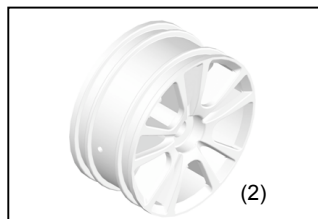
5-SPOKE WHEEL / 5爪輪轂組
PD6601-L C/BLUE 雙色電鍍藍, 26mm
PD6601-P C/PURPLE 雙色電鍍紫, 26mm
PD6601-Y C/YELLOW 雙色電鍍黃, 26mm
PD6601-R C/ROUGE 雙色電鍍紅, 26mm



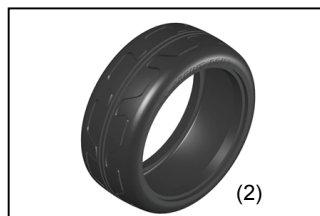
RACING DISH WHEEL / 蝶式輪轂
PD7649 WHITE 白色, 26mm
PD7650 WHITE 白色, 30mm



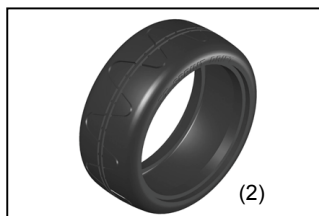
5-SPOKE WHEEL / 5爪輪轂組
PD6679 GOLD 電鍍金, 26mm
PD6681 CHROME 電鍍銀, 26mm
PD6682-B BLACK 黑色, 26mm
PD6682 WHITE 白色, 26mm



10-SPOKE WHEEL / 10爪輪轂
PD7699 WHITE 白色, 26mm
PD7770 WHITE 白色, 30mm
PD9112 BLACK 黑色, 26mm



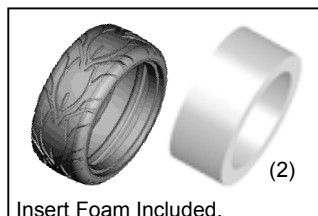
SPRINT DRIFT TIRE / 疾速甩尾胎
PD7643 ,26mm
PD7644 ,30mm



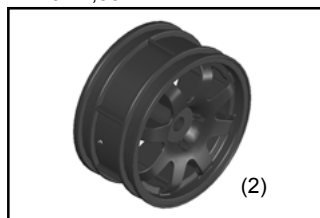
PULSE DRIFT TIRE / 脈衝甩尾胎
PD7645 ,26mm
PD7646 ,30mm



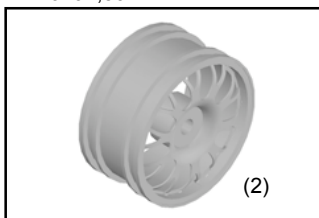
HIGH GRIP TIRE / 高掙地力胎
PD1784 ,26mm



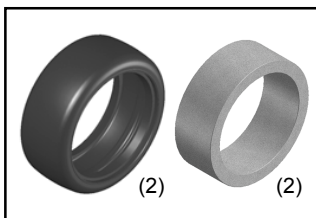
FIRE BLADE TIRE / 高速火炎輪胎
PD9158 ,26mm



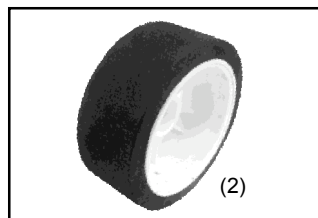
8-SPOKE WHEEL / 8爪輪轂
PD0635 GOLD,電鍍金, 26mm
PD0639 WHITE,白色, 26mm
PD9113 BLACK 黑色, 26mm
PD9113-S SILVER, 銀色, 26mm



1/10 BBS WHEEL / BBS 輪轂
PD0855 GRAY, 灰色,26mm
PD1011 WHITE, 白色,26mm
PD6736 CHROME, 鍍銀,26mm
PD1011-S SILVER, 銀色,26mm



SLICK TIRE W/FOAM / 光頭胎
PD9134 ,26mm



FOAM TIRE SET / 高速海綿胎組
PD7647 ,26mm
PD7648 ,30mm

PART#	DESCRIPTION	中文名稱	NOTE
PD0635	8 SPK WHEEL (2), 26mm (GOLD)	8爪輪轂 (2), 26mm (電鍍金)	
PD0639	8 SPK WHEEL (2), 26mm (WHITE)	8爪輪轂 (2), 26mm (白色)	
PD0855	10 BBS WHEEL (2), 26mm (GRAY)	10爪BBS輪轂 (2), 26mm (灰色)	
PD1011	10 BBS WHEEL (2), 26mm (WHITE)	10爪BBS輪轂 (2), 26mm (白色)	
PD1011-S	10 BBS WHEEL (2), 26mm (SILVER)	10爪BBS輪轂 (2), 26mm (銀色)	
PD6601-L	5 SPOKE WHEEL (2), 26mm (C/BLUE)	5爪輪轂組 (2), 26mm (雙色電鍍藍)	
PD6601-P	5 SPOKE WHEEL (2), 26mm (C/PURPLE)	5爪輪轂組 (2), 26mm (雙色電鍍紫)	
PD6601-Y	5 SPOKE WHEEL (2), 26mm (C/YELLOW)	5爪輪轂組 (2), 26mm (雙色電鍍黃)	
PD6601-R	5 SPOKE WHEEL (2), 26mm (C/RED)	5爪輪轂組 (2), 26mm (雙色電鍍紅)	
PD6679	5 SPOKE WHEEL (2), 26mm (GOLD)	5爪輪轂組 (2), 26mm (電鍍金)	
PD6681	5 SPOKE WHEEL (2), 26mm (CHROME)	5爪輪轂組 (2), 26mm (電鍍銀)	
PD6682-B	5 SPOKE WHEEL (2), 26mm (BLACK)	5爪輪轂組 (2), 26mm (黑色)	
PD6682	5 SPOKE WHEEL (2), 26mm (WHITE)	5爪輪轂組 (2), 26mm (白色)	
PD6736	10 BBS WHEEL (2), 26mm (CHROME)	10爪BBS輪轂 (2), 26mm (鍍銀)	
PD7647	FOAM TIRE SET (2), 26mm	高速海綿胎組 (2), 26mm	
PD7648	FOAM TIRE SET (2), 30mm	高速海綿胎組 (2), 30mm	
PD7649	RACING DISH WHEEL (2), 26mm (WHITE)	蝶式輪轂 (2), 26mm (白色)	
PD7650	RACING DISH WHEEL (2), 30mm (WHITE)	蝶式輪轂 (2), 30mm (白色)	
PD7699	10 SPK SPORT WHEEL (2), 26mm (WHITE)	10爪輪轂 (2), 26mm (白色)	
PD7700	10 SPK SPORT WHEEL (2), 30mm (WHITE)	10爪輪轂 (2), 30mm (白色)	
PD1784	HIGH GRIP TIRE (2), 26mm	高掙地力胎 (2), 26mm	
PD7643	SPRINT DRIFT TIRE (2), 26mm	疾速甩尾胎 (2), 26mm	
PD7644	SPRINT DRIFT TIRE (2), 30mm	疾速甩尾胎 (2), 30mm	
PD7645	PULSE DRIFT TIRE (2), 26mm	脈衝甩尾胎 (2), 26mm	
PD7646	PULSE DRIFT TIRE (2), 30mm	脈衝甩尾胎 (2), 30mm	
PD9158	FIRE BLADE TIRE (2), 26mm	高速火炎輪胎 (2), 26mm	
PD9112	10 SPK WHEEL (2), 26mm (BLACK)	10爪輪轂 (2), 26mm (黑色)	
PD9113	8 SPK WHEEL (2), 26mm (BLACK)	8爪輪轂 (2), 26mm (黑色)	
PD9113-S	8-SPK WHEEL (2), 26mm (SILVER)	8爪輪轂 (2), 26mm (銀色)	
PD9134	SLICK TIRE W/FOAM (2), 26mm	光頭胎 (2), 26mm	

OPTIONAL ELECTRONICS (選配電子產品)



7.2V Ni-MH Battery Pack / Stick
電池



No.2941 Ni-MH Battery
Pack/Flat, 7.2V/3600mAh SC



No.2937 Ni-MH Battery Pack/Flat,
7.2V/2400mAh SC

ACE RC® VELOCi

Electronic Speed Control
速控器



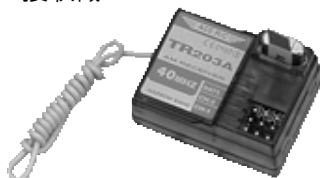
No.8050 Veloci RS

Specifications

Item No.	8050
Voltage range	4.8~8.4V
Internal resistance	0.004
Momentary Load (1 sec)	400A
Brief Load (30 sec)	230A
Continuous Load (5 min)	170A
BEC Voltage	5V
BEC Current	1.5A
Frequency	2.0 KHz
Reverse	Yes
Reverse Limit (sec)	Yes (8 sec)
Motor Limit	17+turns
Over Load Protection	Yes
Setup Procedure	Digital / Push Button
Mode Switch (reverse/brake)	Yes
Weight (g/oz.)	71 / 2.50
Dimension (mm)	49 x 36 x 28
Rec. Vehicle	1/10 Car

ACE RC®

Receiver(TR 203A)
接收機



Specifications

Item No.	AQ0649 / AQ0574 / AQ0650
Frequency (MHz)	26 / 27 / 40
Channel	2CH
BEC	No
Modulation	AM(PPM)
Single Conversion	455KHz
Channel Spacing	10KHz
Battery Power	4.8~6V
Current Drain	10mA@6V
Dimensions (mm)	35.6x26x15
Weight (g/oz.)	10 / 0.32
ESC Continuous Current	***
ESC Resistor	***

ACE RC®

Digital Servo
數位伺服機



No.8127 Digital High Torque / DS1015



No.8128 Digital Standard / DS1313

Specifications

Torque 4.8V/6V(oz-in)	161.1 / 201.4
Torque 4.8V/6V(Kg-cm)	11.6 / 14.5
Speed 4.8V/6V(sec/60°)	0.138 / 0.108
Gear	M
Bearing	2BB
Size LxWxH(in)	1.65 x 0.81 x 1.56
Size LxWxH(mm)	41.8 x 20.6 x 39.6
Weight(oz/gram)	2.328 / 66

Specifications

Torque 4.8V/6V(oz-in)	133.3 / 173.6
Torque 4.8V/6V(Kg-cm)	9.6 / 12.5
Speed 4.8V/6V(sec/60°)	0.16 / 0.13
Gear	M
Bearing	2BB
Size LxWxH(in)	1.65 x 0.81 x 1.56
Size LxWxH(mm)	41.8 x 20.6 x 39.6
Weight(oz/gram)	2.328 / 66



3CH Computerized
Radio Control System
數位槍型遙控器
No.8306



Specifications

Item No.	8306	8306-S1	8306-C1
Transmitter	COUGAR P3i		
RF Module	FM26/27/40/75 MHz		
Receiver	TR-402-F		
Servos	N/A	ACE R/C S1903x1	ACE R/C S1016x1
Accessories	Switch harness x 1, Battery case x 1, Mounting Hardware and Frequency Flag Set x 1		

