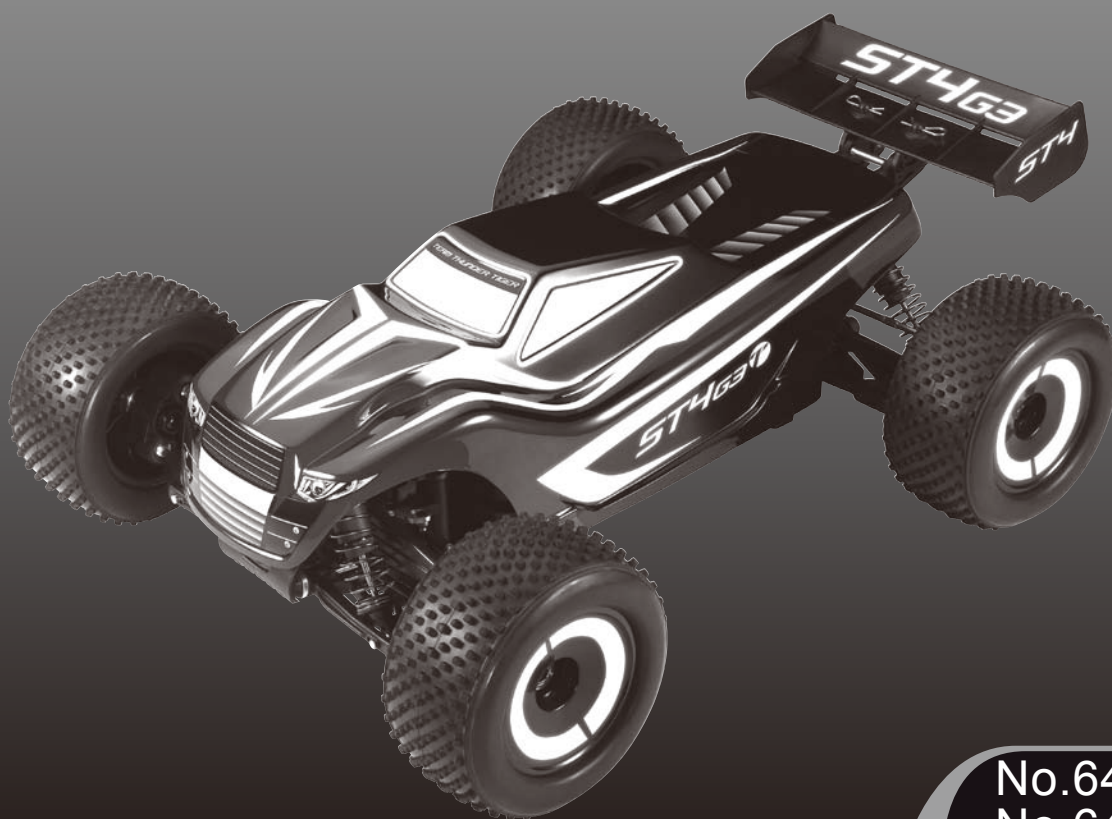


ST4G3

1/8 SCALE BRUSHLESS 4WD TRUGGY
1:8 無刷電動四驅越野競速卡車



No.6404-F
No.6404-A



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因，我們將保留產品規格變更權力，不再另行通知使用者。

Instruction Manual & Parts Catalogue 操作說明書及零件包型錄

WARRANTY 品質保證事項

Thunder Tiger Corporation guarantees this model kit to be free from defects in both material and workmanship. The total monetary value under warranty will in no case exceed the cost of the original kit purchased. This warranty does not cover any components damaged by use or modification. Part or parts missing from this kit must be reported within 60 days of purchase. No part or parts will be sent under warranty without proof of purchase. To receive part or parts under warranty, the service center must receive a proof of purchase and/or the defective part or parts. Should you find a defective or missing part, contact the authorized Thunder Tiger Service/Distributor nearest you. Under no circumstances can a dealer or distributor accept return of a kit if assembly has started.

本公司對於製造過程中產生之瑕疵，負完全品質保證責任。
保證事項僅限於產品本身與隨產品所附之零配件。
品質保證不包含下列事項
因使用、組裝或調整本產品所發生之損壞。
其他所有非產品本身品質所造成之損壞。

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 thundertiger.com and facebook.com/ThunderTigerFans and our product specialists are ready to answer any technical questions. Have fun and enjoy the exciting world of R/C.

感謝您購買雷虎科技 ST4 G3 電動四驅越野競速卡車。雷虎科技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複測試產品，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操作本產品前所需注意的重要事項，建議您在開始準備及操作本產品之前，能詳閱此說明書，並熟悉本產品之操控系統。若是您在產品的操作及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thundertiger.com，社群網址為[www.facebook.com/ThunderTigerFans](https://facebook.com/ThunderTigerFans)，我們將竭誠為您服務！

CAUTION 注意事項

Thank you for purchasing a Thunder Tiger Product.

Please read all instructions and familiarize yourself with the products and controls before operation.

1. This product is not a toy. It is a high performance model product. It is important to familiarize yourself with the model, its manual, and its construction before assembly or operation. A child operating under the supervision of the adults is necessary.
2. Always keep this instruction manual ready at your hand for your assembling and operating reference, even after completing the assembly.
3. Make sure all the screws are properly tightened and all the parts are checked after running the car for a long period of time.
4. For the best performance, it is important to make sure all the moveable parts work free without binding.
5. Do not operate model products in rain, on public roads, near crowds, near airport, or near areas with restricted radio operation.
6. This product, its parts, and its construction tools can be harmful to your health. Always exercise extreme caution when assembling and/or operating this product. Do not touch any part of the model that rotates.

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，組裝與操作過程須由成人陪同。請詳讀此使用說明書，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. 請定時巡檢車輛上之所有螺絲是否鎖緊，零件是否鬆動。
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. 請勿於雨天、公眾空間、道路、機場附近與其他限制遙控模型活動區域，操控本項產品。
6. 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。

INDEX 索引

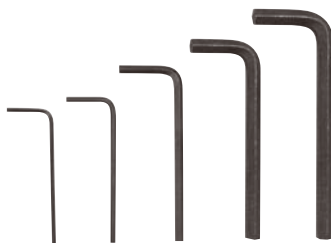
INTRODUCTION 前言	1	ADJUSTING THE ELECTRONIC SPEED CONTROL(ESC) 速控器調整	9
CAUTION 注意事項	1	SHOCK ADJUSTMENT 避震器懸吊調整	9
ITEMS REQUIRED FOR OPERATION 周邊配件	2	WHEEL AND TIRE PREPARATION 輪胎及輪轂	9
CHARGING THE BATTERY PACK 電池包充電	3	GEAR RATIO CHART 驅動齒比對照表	10
PREPARING THE CHASSIS 操作前，車體準備	3	MAINTENANCE AFTER RUNNING 車體保養	10
INSTALLATION BATTERY 電池安裝	4	BEFORE OPERATING 操控前準備	10
THE ACE RC COUGAR P3 RADIO		DRIVING TIPS 操控的小技巧	11
熟悉2.4GHz電控系統及無刷馬達速控器及馬達安裝	4	TROUBLESHOOTING 常見問題與解決辦法	12
BINDING PROCESS 安全校頻配對（鎖碼）	6	ASSEMBLY EXPLODED VIEW 組裝爆炸圖檢索	13
FAIL SAFE(F/S) FUNCTION SETTING 安全回復功能設定	7	ST4 G3 BUGGY SPARE PARTS LIST 零件表	17
RADIO OPERATION 遙控器操作	8	ST4 G3 BUGGY OPTIONAL PARTS LIST 選購零件表	20
OPERATING RADIO STEERING FUNCTION 遙控器設定－轉向	9		

ITEMS REQUIRED FOR OPERATION 周邊配件

RTR CONTENTS 完成車輛配備



ACE RC Cougar P3
3-Channel digital 2.4GHz pistol radio system
with Standard Servo.
3動作發射機、接收機及伺服機



Hex Wrench Set, 1.5mm / 2.0mm / 2.5mm / 3.0mm / 5.0mm
六角扳手, 1.5mm / 2.0mm / 2.5mm / 3.0mm / 5.0mm



Battery Cord
電池接線



5-Way Wrench
5向六角螺帽套筒扳手



ACE RC BLC-80C Brushless Motor ESC
車用無刷馬達速控器80A



RIPPER IBL40/20 Brushless Motor
車用無刷馬達 2000 KV

EQUIPMENT NEEDED 需求配件

(Not included in the kit 不包含在此套件內)



AA Alkaline dry batteries
6 pieces for transmitter
發射機用電池



No. AQ6327
BLC ESC Program Card
速控器設定卡



No. 2537
T6AC Battery Balance Charger
(for Ni-MH/Li-Po)
鋰電池充電器 (鎳氫用/鋰電用)



7.4V Battery Pack x 2
7.4V 充電電池條 x 2

No. 2843 Li-Po Battery Pack,
7.4V/5000mAh/35C(Hard Case)
鋰電7.4V/5A/35C硬殼

TOOLS NEEDED 需求工具



Hex Head Screwdriver
六角起子
No.1149 2.0mm
No.1150 2.5mm
No.1151 3.0mm



Temp.Gun
測溫槍

1 CHARGING THE BATTERY PACK 電池包充電

(Battery and Charger are not included in the kit. 本產品不含電池及充電器)

Before charging the battery, read the instructions for the battery and battery charger.
準備充電前，請先詳閱電池及充電器的操作說明。

LiPo BATTERIES 鋰電池充電注意事項

Lithium Polymer (LiPo) batteries are becoming popular for use in R/C models due to their compact size, high energy density, and high-current output. However, these types of batteries require special care and handling procedures for long life and safe operation.

⚠ Warning ! Lithium Polymer (LiPo) batteries are intended only for advanced users that are educated on the risks associated with LiPo battery use. THUNDER TIGER/ACE RC does not recommend that anyone under the age of 16 use or handle LiPo battery packs without the supervision of a knowledgeable and responsible adult.

⚠ Important ! Do not use NiCd/NiMH battery chargers for LiPo batteries. If you do not use a special charger for LiPo batteries, they will be damaged.

The ACE RC BLC electronic speed control is able to use LiPo batteries with nominal voltage not to exceed 14.8 volts (2S packs x2 recommended). Exceeding these voltages may result in damage to your brushless system. LiPo batteries have a minimum safe discharge voltage threshold that should either not be exceeded. The ACE RC BLC electronic speed control is equipped with built-in Low-voltage detection that cuts the power automatically when batteries have reached their minimum voltage (discharge) threshold. Refer to the low power auto-cut table in the ESC instruction manual. It is the driver's responsibility to stop immediately to prevent the battery pack from being discharged below its safe minimum threshold. It is critical for you, the user, to follow all other instructions supplied by the battery manufacturer and the charger manufacturer for proper charging, use, and storage of LiPo batteries. Make sure you understand how to use your LiPo batteries. Be aware that THUNDER TIGER/ACE RC shall not be liable for any special, indirect, incidental, or consequential damages arising out of the installation and/or use of LiPo batteries in THUNDER TIGER models.

鋰電池（鋰聚合）因為其形狀的多變性，高電容量及高放電的特性，所以現今已是非常受歡迎的一種遙控模型電池種類。然而由於此種電池具有相當程度的使用風險性，故在使用時「正確的使用」以延長電池壽命與嚴守「操作安全」這兩點是需特別注意的。

⚠ 警告！鋰電池（鋰聚合）的使用者需具備進階鋰電池使用知識，並瞭解其中可能因為使用錯誤，所引發的潛在危險。THUNDER TIGER/ACE RC 強烈建議使用者需年滿 16 歲或是經由具有鋰電池進階使用知識的成人陪同操作。

⚠ 注意！請勿使用鎳氫/鎳鎘充電器對鋰電池進行充電！此舉很可能引起電池的損壞。請使用專業之鋰電池充電器進行鋰電池之充放電。

ACE RC BLC系列之無刷馬達速控器在設計上是可以允許使用鋰電池，但須注意請勿使用超過14.8 volts (建議使用2S packs x2)的鋰電池，否則你的無刷馬達速控器及無刷馬達很可能因過高的電壓而燒毀。使用鋰電本身應該也需具有過度放電之保護，以避免電池本身的壽命及效能產生不可回復性的傷害。ACE RC BLC系列之無刷馬達速控器本身內建有低電壓偵測裝置，當電池電壓低於一定電壓時速控器會進行自動斷電程序以保護電池之壽命。請參考速控器說明書上低電壓斷電表。發生上述斷電情況請操作者即刻暫停操作以防止電池之損壞。操控者在使用鋰電池時應先詳讀電池及充電器廠商所提供之使用操作說明書以瞭解正確的鋰電池充放電方法，儲存及使用方式。請注意！THUNDER TIGER / ACE RC對於消費者因為使用或安裝鋰電池於所屬之遙控模型上，而造成任何的直接或間接的損害，無須擔負任何法律責任。

2 PREPARING THE CHASSIS 操作前，車體準備



a. Remove the body pins (4 pcs.) and detach the body.



b. Straighten antenna and insert into antenna tube.



c. Put the antenna wire through the antenna pipe. (Do not cut or shorten antenna wire.!) Push the antenna pipe into the chassis mount hole.

a. 將車殼固定車銷(共4個)拆除以取下車殼。

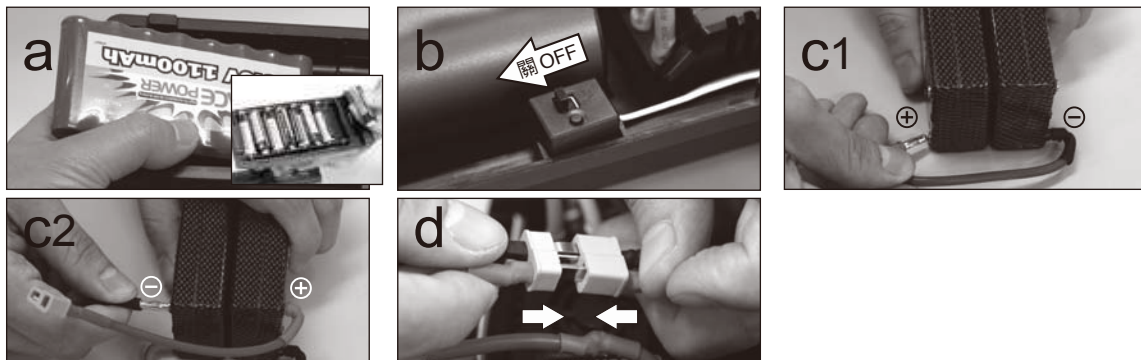
b. 將天線穿套進天線管內。

c. 將天線套管安裝於底板固定孔上(請勿裁短天線以免影響接收距離)。

3

INSTALLING BATTERY 電池安裝

(Batteries are not included in the kit. 本產品不含電池)



a. Install 6pcs alkaline or rechargeable AA-size batteries (Not Included) into transmitter.

b. Make sure switch is OFF.

c1. Combine two LiPo battery packs with included battery cord.

c2. Use included battery cord (with dean plug) to connect two batteries. (⊖ Connect black cord, ⊕ Connect red cord.)

d. Install the power pack and connect to the ESC.

⚠ Caution! Confirm wiring and connections before connecting the speed control to the batteries. Incorrect polarity will damage your speed control.

⚠ Caution! Do not combine Ni-MH battery with Lipo battery. Use fully charged batteries of the same type.

a. 安裝 6 顆三號鹼性電池或充電電池於發射機內。

b. 先確認電源是關閉的。

c1. 以內附連接線連接兩個(7.4Vx2)鋰電池組。

c2. 使用內附電池接線連接兩組電池 (⊖ 負極接黑線, ⊕ 正極接紅線)

d. 將電池裝入車體, 並與速控器連接通電。

⚠ 注意! 請注意電池與速控器接線之正負極位置 (反裝電極將造成電池短路或速控器之損壞)。

⚠ 注意! 鎳氫電池請勿與鋰電池混搭使用。當使用兩組以上電池時, 請使用同性質電池組做搭配。

4

The ACE RC Cougar P3 Radio 熟悉2.4GHz電控系統



4.1 ACE RC Cougar P3 2.4GHz 發射機

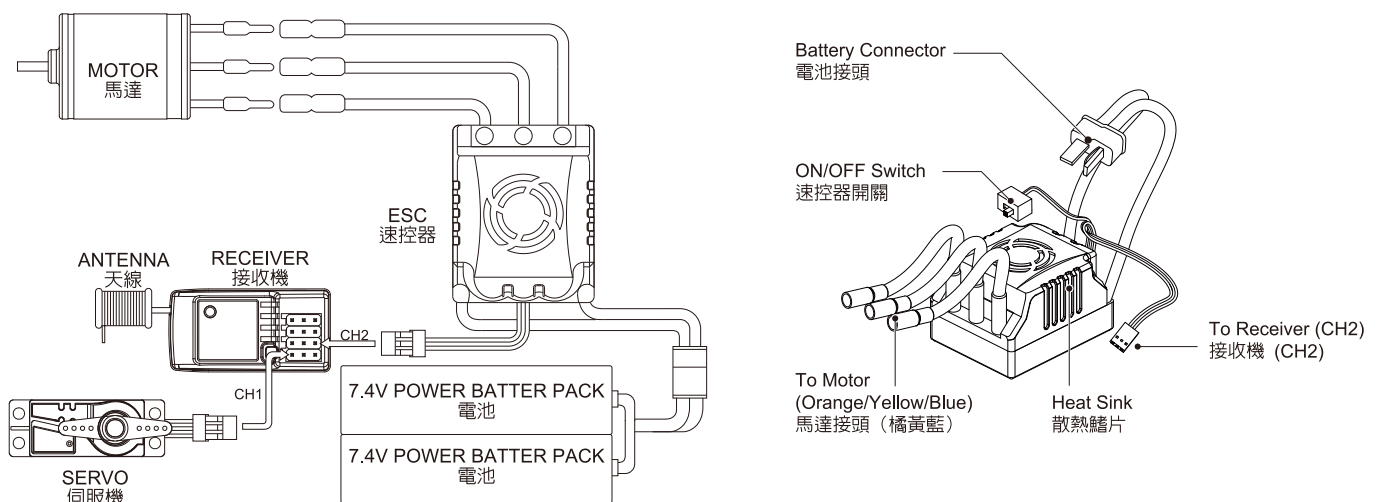
- 1 Transmitter Antenna
發射機天線
- 2 Battery Level Indicator
發射機電源顯示燈
- 3 HI/LO Throttle ATV (Adjustable Travel Volume)
高、低速油門行程調整鈕
- 4 Servo reversing switches
正逆轉設定裝置
- 5 Steering Trim
轉向微調鈕
- 6 Throttle Trim
油門微調鈕
- 7 Steering D/R (Dual Rates)
轉向大小動調整鈕
- 8 AUX Ch Button
第三動開關
- 9 External Charging Jack
充電孔
- 10 2.4GHz binding SW
2.4GHz校頻配對設定鈕
- 11 Steering Wheel
轉向舵輪
- 12 Power Switch
電源開關
- 13 Throttle Trigger
油門控制扳機
- 14 Steering Tension Adjustment
轉向舵輪調整螺絲
- 15 Battery Cover
電池蓋

TRANSMITTER CONTROLS

- Transmitter Antenna:** Straighten up the antenna before operating the model.
- Battery Level Indicator:** Three LEDs indicate the battery voltage level. If the Red LED flashes, please replace the batteries.
- HI/LO Throttle ATV (Adjustable Travel Volume):** Allows you to independently preset the maximum travel of the throttle servo either side (high / low) of neutral.
- Servo reversing switches:** To reverse the servo's rotation direction at the flip of the switch. The reversing switches are recessed into the transmitter to prevent accidental operation.
- Steering Trim:** To adjust the steering in small increments or decrements to run the the model straight.
- Throttle Trim:** To adjust the throttle in small increments or decrements and shift neutral position.
- Steering D/R (Dual Rates):** Push this lever left or right to adjust the amount of the steering dual rate. Right to increase dual rate amount, and left to decrease amount.
- AUX Ch Button:** Additional function for controlling of the model.
- External Charging Jack:** For rechargeable NiCd/NiMH battery pack (transmitter pack only).
- 2.4GHz binding SW:** The Binding SW button is located on the back of the 2.4GHz transmitter. For additional details, please refer to the "Binding" setting procedure (Page 5).
- Steering Wheel:** To control the steering of the model.
- Power Switch:** Slide to turn the transmitter on & off.
- Throttle Trigger:** Pull or push to control forward, reverse & speed of the model.
- Steering Tension Adjustment:** Use a Phillip type screwdriver to tighten or loosen the tension of the steering wheel.
- Battery Cover:** Slide cover to install or remove batteries.

發射機各部功能簡介

- 發射機天線：使用發射機時，請先將發射機天線打直，以增加訊號接收距離。
- 發射機電源顯示燈：三顆LED設計顯示發射機電池殘量，若紅色LED燈閃爍時，請更換發射機電池。
- 高、低速油門行程調整鈕：獨立調整高、低速油門行程量功能。
- 正逆轉設定裝置：位於發射機背面（如圖示），控制伺服機作動方向。
- 轉向微調鈕：利用此旋鈕，調整設定轉向正確中立點位置。
- 油門微調鈕：利用此旋鈕，調整設定油門正確中立點位置。
- 轉向大小動調整鈕：調整轉向伺服機的行程量。
- 第三動開關：第三動功能開關鈕。
- 充電孔：使用充電式電池時，可利用此充電孔，進行充電工作。
- 2.4GHz 校頻配對設定鈕：BINDING SW校頻配對設定鈕為配對發射/接收頻率之用。更多設定請參考說明書第5頁“安全校頻配對步驟”。
- 轉向舵輪：控制車輛轉向裝置。
- 電源開關：發射機電源開關。
- 油門控制板機：控制車輛前進或後退的裝置。
- 轉向舵輪調整螺絲：使用小型十字起子調整此調整螺絲來改變轉向舵輪旋轉鬆緊度。
- 電池蓋。



4.2 MODEL WIRING DIAGRAM 電控系統連結圖

5 BINDING PROCESS 安全校頻配對步驟

A binding feature is included in the ACE RC Cougar 2.4GHz spread spectrum system to ensure the transmitter and receiver bind properly and prevent interference from other controllers.

To manually bind Tx/Rx, please proceed as per the following steps:

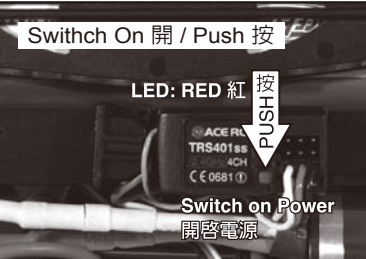
- Press and hold the "Binding SW" button on the back side of the transmitter while turning on the transmitter.
- Release the "Binding SW" button after the green LED flashes indicating the transmitter is binding.
- Press and hold the bind button on the receiver while turning on the receiver. Binding process will then start automatically. The LED will turn green/red flash on the receiver.
- Release the "Binding SW" button. Successful binding is confirmed by the binding LED changing from a quick blinking and then remain solid on the transmitter. The LED will turn green on the receiver. Once binding is complete, the system will automatically connect.

⚠ Note: Binding process may take 3~10 seconds to execute. If binding fails, the LED on the receiver will turn red. Please turn off the power and repeat the steps from a~d.

ACE RC Cougar P3 採用最先進的專用3動2.4GHz無線展頻遙控系統。這個系統結合發射與接收可以互動溝通模式，跳動頻道搜尋，使得整體無線遙控系統的傳輸展現精準穩定的特性同時也無須擔心頻率干擾的問題。如發現無法操控情形發生，需要重新校頻配對，請依照下列步驟重新進行校頻配對程序：

- 打開發射機電源時，同時持續按壓發射機背面之"Binding SW"按鈕。
- 直到按鈕旁之LED綠燈快速閃爍，再放開"Binding SW"按鈕，表示發射機正在進行自動搜尋校頻，此時請不要關閉發射機電源。
- 然後按壓接收機上之"Binding SW"按鈕並同時開啓接收機電源，此時接收機將自動進行校頻配對程序。接收機LED燈號為紅綠快速閃爍。
- 放開"Binding SW"，一旦完成配對程序，發射機LED燈號會從綠色快速閃爍轉換成持續綠色燈號，接收機LED燈號將從紅色轉換為綠色。此時表示接收機與發射機已完成配對溝通，可以進行操控。

⚠ 注意：遙控系統校頻配對可能需要3~10秒執程序。如果程序執行錯誤，發射及接收模組的LED燈號將持續呈現紅色。請關閉電源再依a ~d的順序重新操作配對程序。

Step 步驟	TX Action 動作	RX Action 動作	LED 燈號
a	 Switch On 開 / Push 按	No Action	—
		無須動作	—
b	 Release 放開	No Action	TX LED : GREEN FLASH
		無須動作	TX 燈號：綠燈快速閃爍
c	No Action	 Switch On 開 / Push 按 LED: RED 紅 Switch on Power 開啓電源	RX LED : GREEN/RED FLASH
	無須動作		RX 燈號：綠/紅燈快速閃爍
d	No Action	 LED: GREEN 綠 Release 放開	TX LED : GREEN FLASH-->GREEN SOLID RX LED : RED SOLID-->GREEN SOLID
	無須動作		TX 燈號：綠燈快速閃爍-->綠燈恆亮 RX 燈號：紅燈恆亮-->綠燈恆亮

6 FAIL SAFE(F/S) FUNCTION SETTING 安全回復功能設定

ACE RC COUGAR 2.4GHz R/C system features a built-in Failsafe function to automatically set a servo command if the receiver loses the signal from transmitter due to interference. For safety, we strongly recommend to activate the FAILSAFE function on your Cougar R/C system.

Setting up the Failsafe (F/S) Function:

- After binding the transmitter and receiver, you can continually set up the F/S function. Turn on the transmitter power and then receiver power.
- Press and hold the "Binding SW" button on the receiver for 10 seconds. The LED will start flashing GREEN on the receiver.

⚠ CAUTION ! Do not release the "Binding SW" button on the receiver until STEP C is completed.

- Move and hold the throttle trigger to the position you want the control to be in if a failsafe condition should occur. First, keep steering wheel at neutral position (steering servo at neutral position). To set up F/S function with the throttle servo position at "Brake", first push the trigger to the brake position and hold. To set up F/S function with servo position at "Neutral", keep the trigger at neutral position.

⚠ NOTE ! Always set the throttle trigger to neutral or full brake position and steering servo to neutral position in case of any unexpected control error !

Factory pre-settings for RC car F/S function are :

- Electric Car - Steering servo at neutral, throttle at neutral.
- Nitro Car - Steering servo at neutral, throttle at iddle and car brakes.

- After the Step C, release the "Binding SW" button on the receiver first and then the throttle trigger. The LED turns to solid "RED" and then back to solid "GREEN" indicating the F/S function has now been activated.
- Test by turning off your transmitter and watching the servo failsafe position activate.
F/S at "Neutral" : To check the fail safe is working properly, by moving the throttle trigger to the full forward (full brake), hold this position and then turn off the transmitter. The F/S function should move the throttle servo to "Neutral" position and the steering servo to "Neutral" position.
F/S at "Brake" : To check the fail safe is working properly, by keeping the throttle trigger at neutral and then turn off the transmitter. The F/S function should move the throttle servo to "Brake" position and the steering servo to "Neutral" position.
- If the F/S function fails or need to change the F/S hold position, repeat the steps a) ~e). After the F/S is completed, you can start normal operation.

⚠ CAUTION ! ALWAYS reset FAILSAFE function after binding your transmitter & receiver.

ACE RC COUGAR 2.4GHz 遙控系統內建安全回復功能，可設定當接收機因干擾或斷電而失去發射機訊號時，伺服機自動回復至預設位置。安全起見，強烈建議您務必啓用安全回復功能。

安全回復功能設定

- 設定此功能前請先完成系統發射與接收之對頻。確定後，先打開發射機再開接收機電源。
- 壓著接收機對頻開關，約10秒鐘後LED會變為綠色快速閃爍。表示進入F/S設定模式。

⚠ 注意！C步驟完成前不要放開接收機對頻鍵。

- 同時移動油門扳機至您想要設定F/S伺服機位置。轉向舵輪請保持中立點位置。
【如想要設定F/S油門伺服機位置為煞車，需先移動油門扳機至煞車位置不要鬆開。】
【如想要設定F/S油門伺服機位置為中立，請保持油門扳機在中立點位置。】

⚠ 注意！油門伺服機安全回復位置建議設定為煞車或中立點，請勿設定為油門開啓位置，以免發生危險。本系統出廠預設F/S 功能如下：

- 電車 - 轉向伺服機位置在中立點，速控器油門在靜止中立點。
- 油車 - 轉向伺服機位置在中立點，油門伺服機在怠速位置。

- 此時你可以放開接收機對頻鍵，然後再放開發射機油門扳機。LED會變為恆亮紅燈，約2秒後又回到恆亮綠燈，此時表示F/S功能已經設定完成。
- 檢查動作：
F/S油門伺服機位置設定為中立點: 將油門扳機全煞車，關掉發射機電源，檢視F/S伺服機位置動作是否轉回中立點位置。
F/S油門伺服機位置設定為煞車: 油門扳機保持中立點，關掉發射機電源，檢視F/S伺服機位置動作是否轉回煞車位置。
- 檢查無誤後，開發射機開關，然後接收機開始操作。

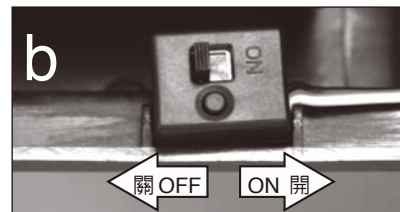
⚠ 注意！重新對頻後，請務必重新設定安全回復功能。

Step 步驟	TX Action 動作	RX Action 動作	Check 確認
a	Binding Complete	Binding Complete	TX LED : GREEN SOLID RX LED : GREEN SOLID
	完成對頻	完成對頻	TX 燈號：綠燈恆亮 RX 燈號：綠燈恆亮
b	No Action	Push for 10 seconds 先持續按10秒	RX LED : GREEN FLASH
	無須動作	 Switch on Power 開啓電源	RX 燈號：綠燈快速閃爍
c	1. Steering: Neutral 2. Keep brake or trigger at neutral	No Action	—
	1. 轉向中立 2. 保持煞車或油門扳機在中立點位置	無須動作	—
d	Release later	Release first 先放開	RX LED: RED SOLID-2s->GREEN SOLID
	後放開		RX燈號： 紅燈恆亮-2秒->綠燈恆亮
e	1. Keep brake 2. Switch Off	No Action	EP Car: Steering at Neutral / ESC at Neutral/Barke
	1. 保持煞車 2. 關發射機	無須動作	電車：轉向朝前，速控器煞車 油車：轉向朝前，油門關閉（怠速）煞車啟動
f	OK!		

7 RADIO OPERATION 遙控器操作

⚠ WARNING: The brushless system is very powerful. For safety, please always keep the wheels away from the track when you are preparing to switch on the car.

注意：本系統功率十分強勁！基於安全因素，建議在車輪懸空的裝態下開啓系統電源，避免非預期性的暴衝。



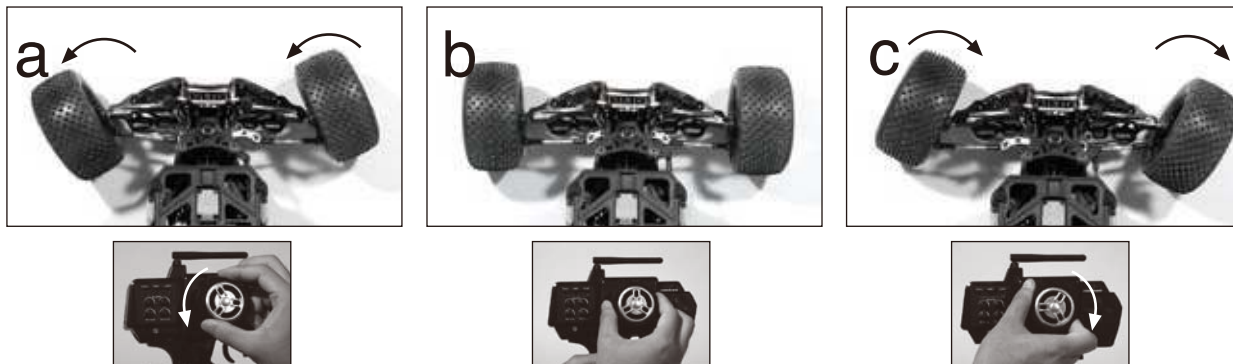
- When turning radio system on. Turn the transmitter on first, then turn on the ESC.
- When turning the radio system off. Turn the ESC off first, then turn off the transmitter.

⚠ Caution ! Do not run the transmitter's battery flat or you will lose control of the car. For additional details, please refer to the transmitter instruction manual.

- 為避免車子失控暴衝，先開啓發射機電源。
- 接著開啓速控器電源。電源的關閉則是相反的順序，先關速控器電源，再關發射機電源。

⚠ 注意！請不要耗盡發射機電池電力，不然車子會失控。詳細信息請參考發射機的操作說明。

8 OPERATING RADIO STEERING FUNCTION 遙控器設定－轉向

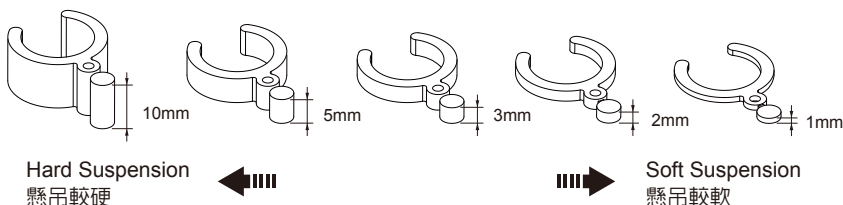


- Check the radio steering functions. With the radio transmitter and receiver on, turn the steering wheel to the left. The front tires/wheels should turn left accordingly. If not, flip the steering servo reverse switch.
 - Return the steering wheel to neutral. The front tires/wheels should point straight forward. If not, use the steering trim lever to correct it.
 - Turn the steering wheel to the right. The front tires/wheels should turn right accordingly.
- 確認轉向功能。打開發射機及接收機電源，方向轉左邊時，輪胎將朝向左邊，若方向不一致，請調整方向的正逆轉開關。
 - 方向舵回中立點時，前輪應筆直向前，若有偏差，請調整方向舵微調旋鈕。
 - 方向舵轉向右邊時，前輪應轉向右邊。

9 ADJUSTING THE ESC 速控器調整

Before adjusting the ESC, read the instructions for the ESC first.
調整電子速控器前，請先詳閱電子速控器的操作說明。

10 SHOCK ADJUSTMENT 避震器懸吊調整



Use the included shock clips to adjust for spring pre-load.

使用內附的避震器調整環，調整車身高度。更詳細的調整方式請參考設定表。

11 WHEEL AND TIRE PREPARATION 輪胎及輪轂



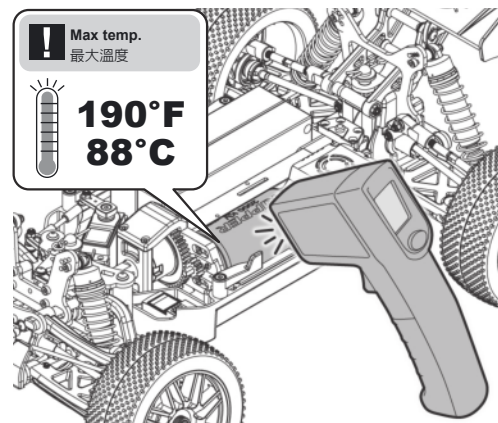
- Remove wheel lock nut using the 5-way wrench and detach wheels.
 - Replace fresh tires and wheels if the original tires are worn out.
 - Tighten the wheel lock nut.
- 使用內附之六角螺帽套筒扳手將輪轂上六角固定螺帽取下。
 - 將已磨損嚴重之輪胎組取下後，換上新的輪胎組。
 - 將六角固定螺帽重新鎖緊。

12 GEAR RATIO CHART 驅動齒比對照表

This gear ratio chart shows the recommended combinations of spurs and pinions. Increasing the gear ratio will result in higher Max. Speed, but will also increase the temperature of the motor. Be note that the motor temperature does not exceed 190°F/88°C. If the motor temperature is too high, reduce the gear ratio by changing a smaller pinion gear and/or a bigger spur gear.

此表顯示最終驅動比與驅動大齒盤和馬達齒輪之間的關係。我們強烈建議操作者在更換齒輪/齒盤時應以這張表為更換基準。驅動齒比增大，將提升車子操控的極速，但馬達溫度也將相對升溫。為避免因為驅動齒比更換不當導致馬達過熱燒毀，請注意馬達操作溫度勿超過華氏溫度190度/攝氏溫度88度。調降更改齒比(更換較小馬達齒輪和/或較大驅動齒盤)將有助於馬達的降溫。

Pinion Gear 馬達齒輪		12T	Std 標準 13T	14T	15T
Spur Gear 驅動大齒盤	Std 標準 48T	17.20	15.87	14.74	13.76
	50T	17.91	16.53	15.35	14.33
 Cautions 警告  ESC might be HOT. Check temperature often. 速控器可能會過熱， 請隨時檢測溫度。					
Max. Speed 最高速	Slower 低速 ← → 高速 Faster				
Acceleration 加速	Quicker 快 ← → 慢 Slower				



13 MAINTENANCE AFTER RUNNING 車體保養

- Always turn off the radio system and disconnect the battery pack when the car is not in use.
 - Remove sand, mud, dirt, and any other elements before storing the car.
 - Never use chemicals or any solvents to clean the chassis as it may cause damage to the electronics components and plastic parts. Use compressed air, soft paintbrush, or toothbrush to clean dust and dirt.
- 結束操控儲存車體前，請謹記要關閉電源，並將電池接頭拔除，以免電池短路造成不必要之危險。
 - 清潔車體上所沾附之沙塵、泥屑。
 - 請勿使用化學清潔劑來清洗底板，以免遙控之電子設備受潮、電線、焊點及塑膠件被侵蝕而導致不必要之損壞。清潔車體時，請儘量使用強力之壓縮空氣，搭配軟毛刷來清理車體上所沾附之沙塵、泥屑。

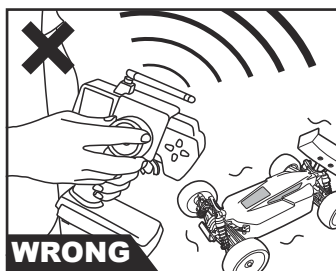
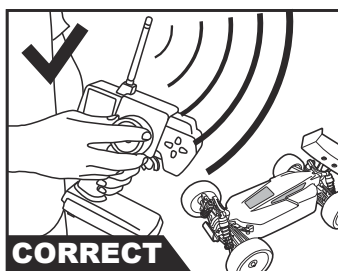
14 BEFORE OPERATING 操控前準備

For best operating range, always ensure the largest section of your transmitter antenna faces the model.

 **Warning !** Operating range may be significantly reduced with the transmitter antenna pointing directly at the model !

以天線最大面積對正模型，可獲得最佳的遙控距離。

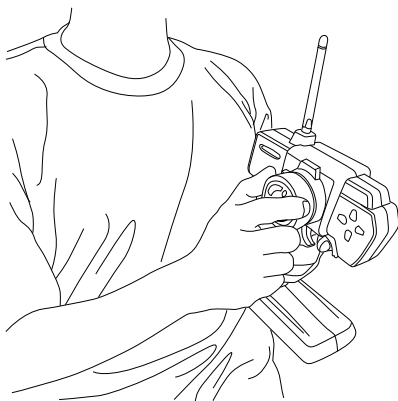
 **警告！** 天線頂端直指模型會嚴重縮短遙控距離！



15 DRIVING TIPS 操控的小技巧

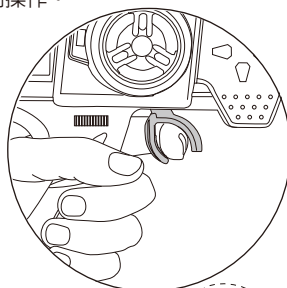
a. Hold your elbows in and keep the transmitter antenna pointing straight up.

a. 手持發射機時請將雙肘靠緊身體並保持發射機天線朝上。



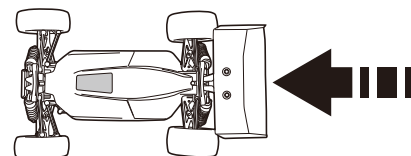
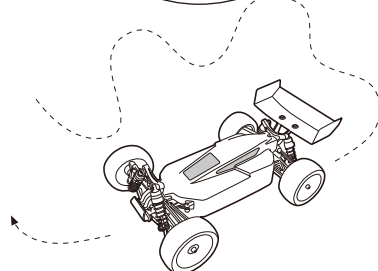
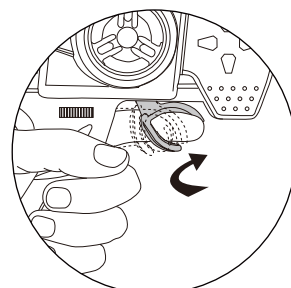
b. Squeeze the throttle trigger or pull the throttle stick gently and steer the car to left or right.

b. 開始操控前按扣油門扳機(油門拉桿)時請緩慢增加油門並試著熟悉前輪轉向操作。



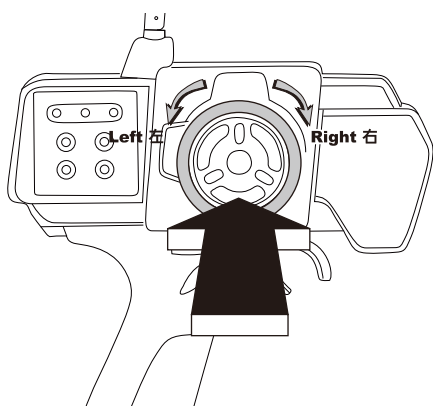
c. Squeeze the throttle trigger and release. Repeat this action to control car speed.

c. 初學者請先熟悉油門操控再慢慢加快車子行進速度。



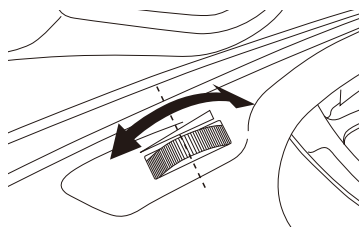
d. If you are of unsure of the steering direction, practice with the transmitter facing towards you.

d. 假設你不確定發射機的轉向，將發射機轉輪面向自己，先熟悉左右轉向。



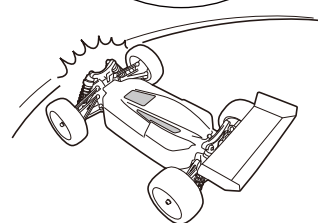
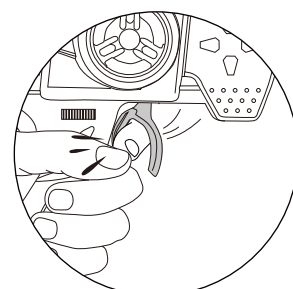
e. At first, set the steering D/R function for less steering response.

e. 初學者可參考發射機說明書調整D/R功能，以避免轉向太過靈活不易操控。



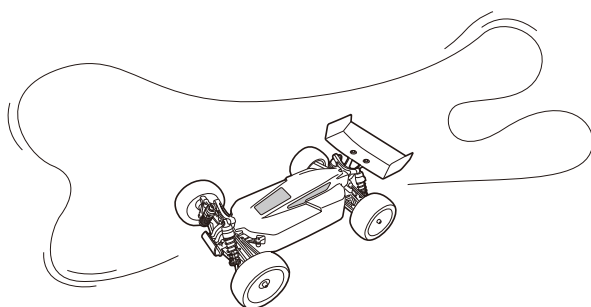
f. Be careful not to squeeze the throttle trigger abruptly while steering.

f. 轉向時請勿將油門全開以避免速度過快導致失控翻覆。



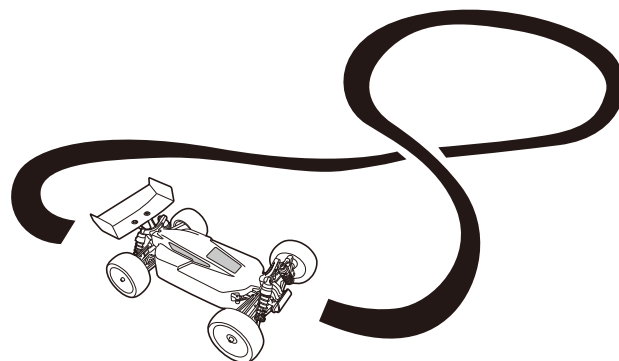
g. After you become used to the controls, experiment with high performance possible at full throttle and full steering.

g. 熟悉前述基本操控後再試著將油門全開進行高速操控。



h. Practice doing figure 8S.

h. 建議可以使用繞8字來熟悉發射機操控動作。



TROUBLESHOOTING 常見問題與解決辦法

If you have trouble starting or keeping your ST4 G3 running, here's a quick checklist of what to look for first.

如果您的 **ST4 G3** 有行駛上的問題，您可以參考下表的說明。

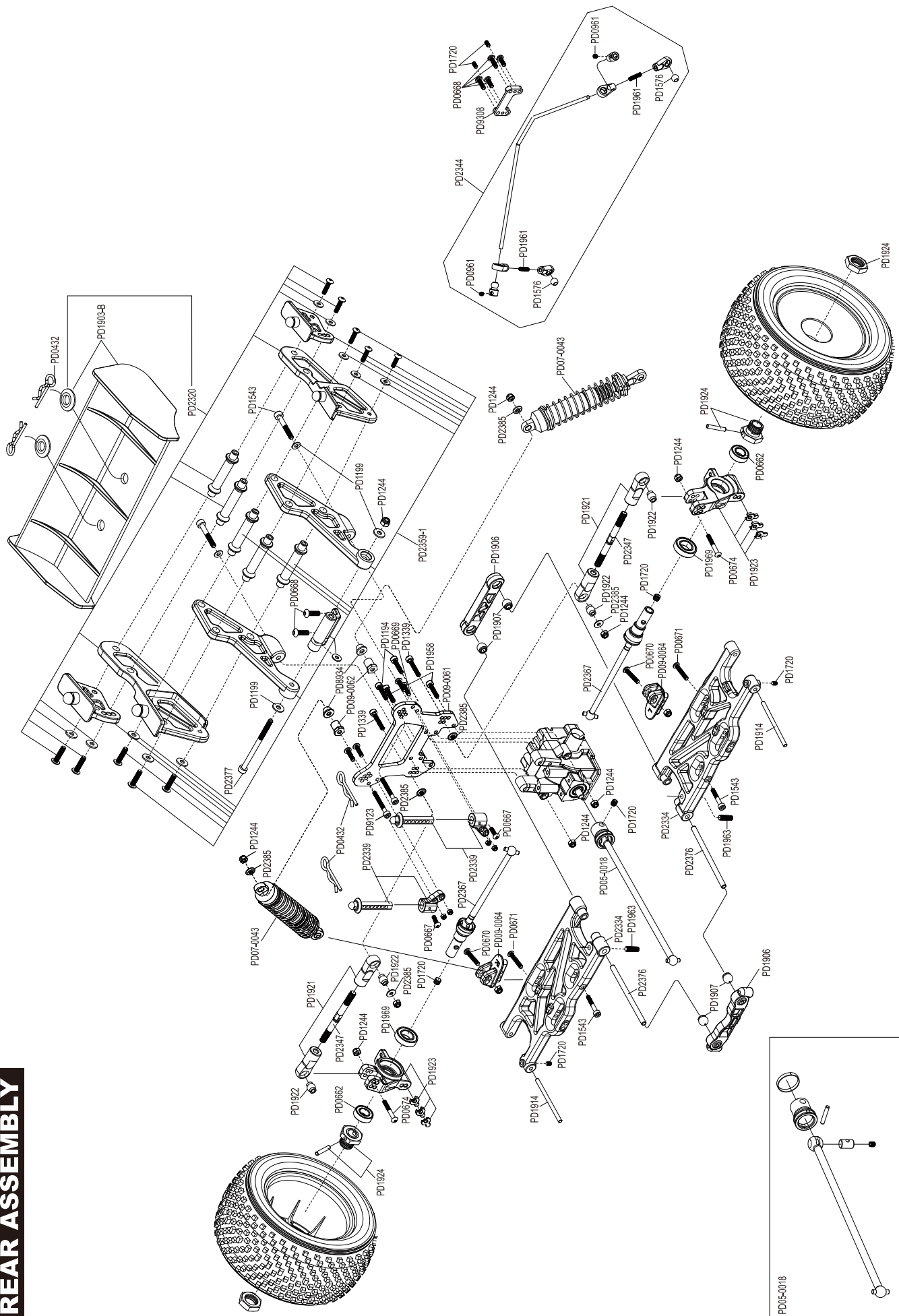
如果問題無法解決，請與原購買經銷商聯絡。

Description 問題	Problem 可能原因	Solution 解決方法
Car dies or slows 車不動或速度變慢	Speed control over heats 速控器過熱	Let it cool and try later 先冷卻，稍後再試
Car is glitching 車故障	Car has a problem on power 車子的動力有問題	Check for loose wires, dead radio batteries. 檢查電線是否脫落或遺失
Motor overheats 馬達過熱	Gear mesh is too tight 馬達驅動齒輪太緊	Let motor cool and check recommended gearing for motor type. Reset gear mesh 先讓馬達冷卻，再重新調整合適的齒隙
No power 失去電力	Battery is discharged 電池沒充電 Battery not plugged in 電池沒接好	Charge battery 將電池充電 Plug battery in 將電池接頭確實連接遙控車
No throttle 失去動力	Motor not plugged in 馬達連接線沒接好 Motor failure 馬達損壞 Motor keeps running 未扣引發射機油門，馬達卻持續轉動	Plug motor in 確實接上紅、黃、黑端之馬達電源傳輸線（紅對紅、黃對黃、黑對黑） Replace motor 置換新馬達 Check if the throttle trim is in neutral position. 檢查是否油門微調不在中立點的位置
No steering 失去控制	Servo not plugged in 轉向伺服機未安裝好 Locked up steering linkage 轉向裝置卡死 Servo failure 伺服機失靈	Plug servo into receiver 將連接電線接上接收機 Free up steering linkage 排除可能的干涉（卡住）的零件部位 Replace servo 置換新伺服機
Reversing 後退功能	Goes backwards when you pull the trigger or goes right when turning the wheel left 當扣引 / 放開發射機油門扳機，車子卻後退 / 前進或是發射機方向轉輪之轉向跟車子轉向左右相反	Check throttle / steering reversing switches on transmitter 檢查發射機上之油門 / 轉向的反轉開關

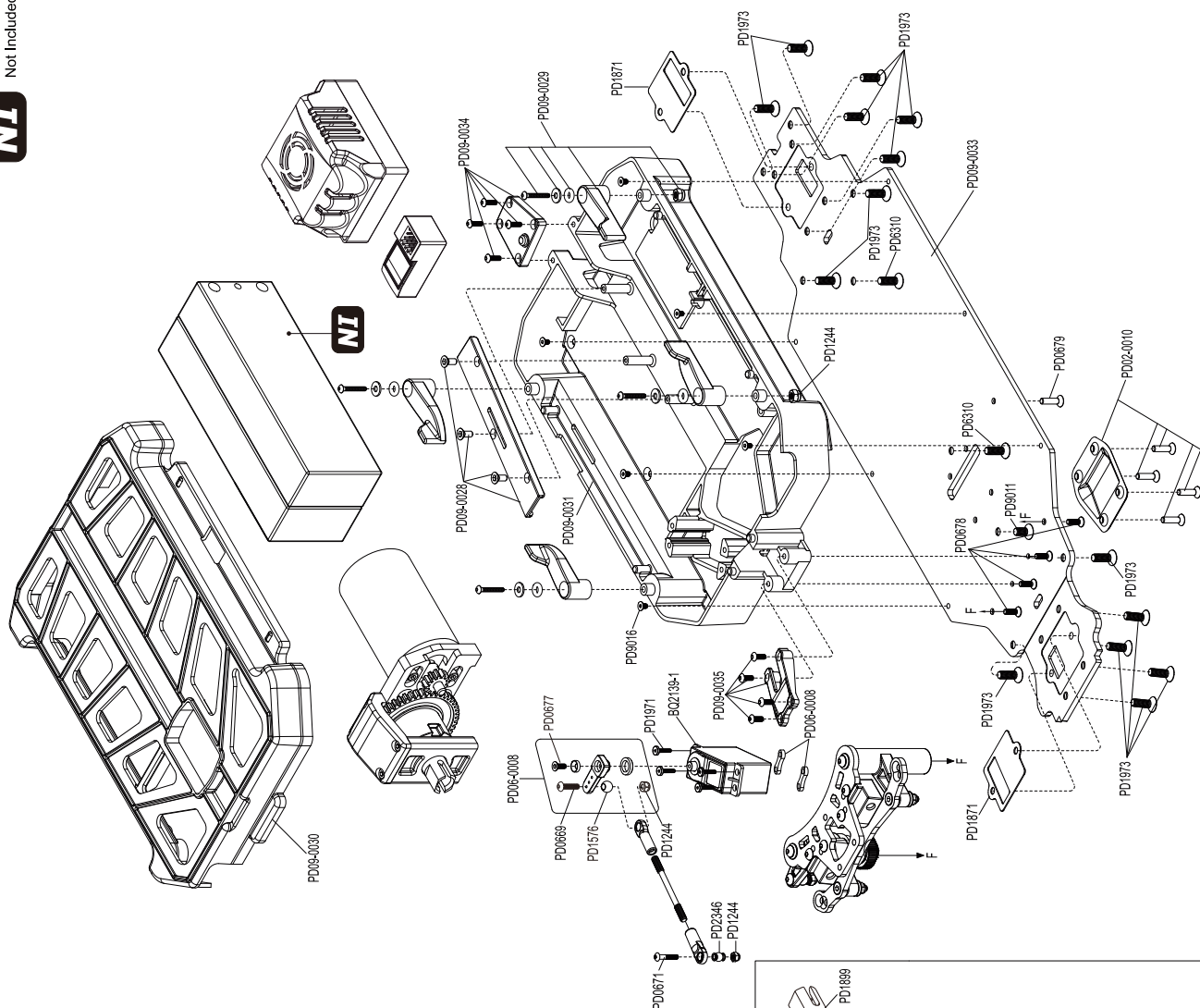
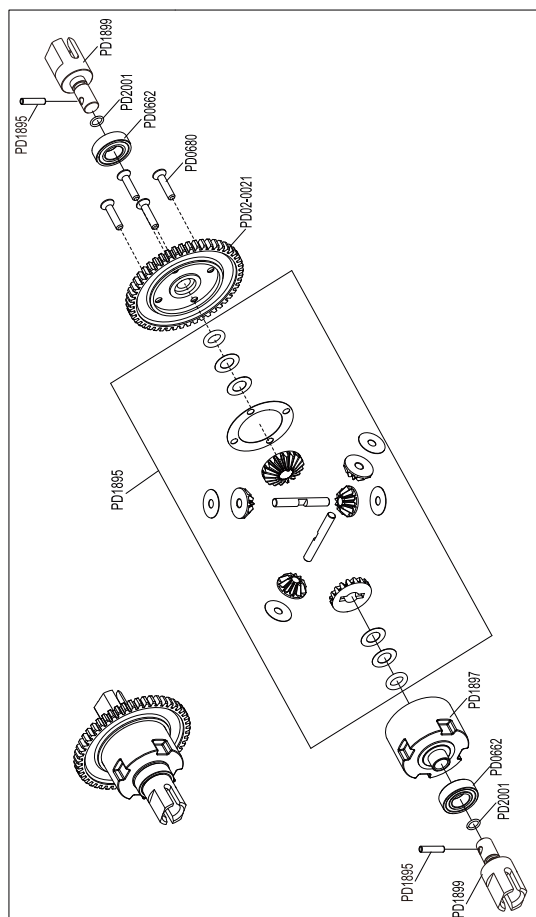
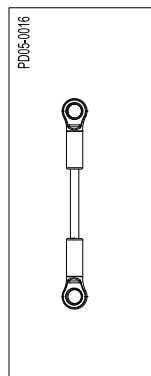
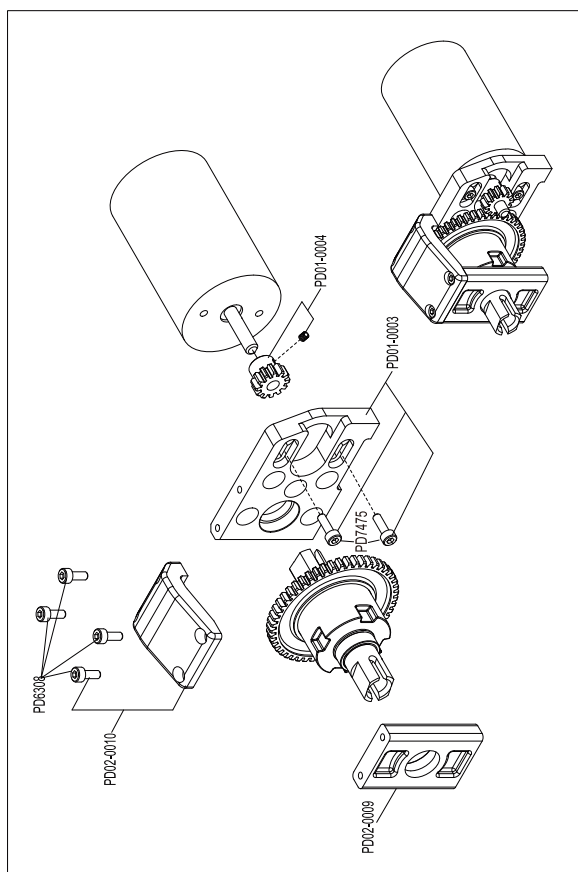
PD05-0017



REAR ASSEMBLY



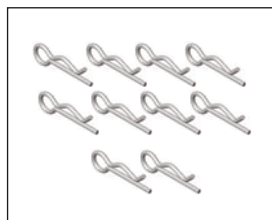
CHASSIS ASSEMBLY



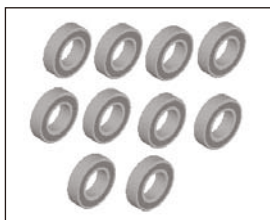
ST4 G3 BUGGY CAR SPARE PARTS LIST 零件表



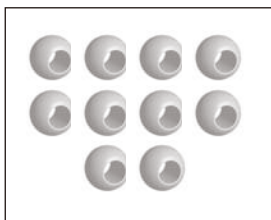
1319
TT LOGO DECAL
TT LOGO 貼紙



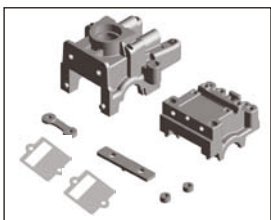
PD0432
R CLIPS (10), SHORT
R型插銷



PD0662
BEARING, d8xd16xW5
軸承



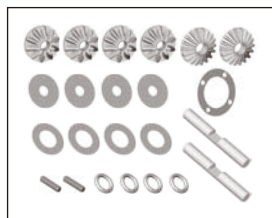
PD1576
PIVOT BALL(10)
球頭(10)



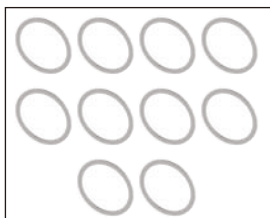
PD1871
TRANS CASE/BULKHEAD SET
差速箱本體



PD1875
UNIV. REBUILD KIT,S3
萬向接合套件



PD1895
DIFF INNER GEAR&PARTS
差速內傘齒維修包10T/18T



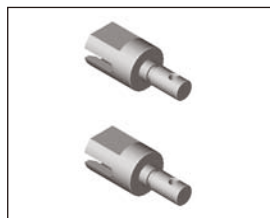
PD1896
DIFF SHIME(10),0.3mm
差速器墊片



PD1897
DIFF CASE
差速器本體



PD1898
DIFF OUTDRIVE, FR&RR
差速傳動軸套



PD1899
DIFF OUTDRIVE(2),CTR
中央差速傳動軸套



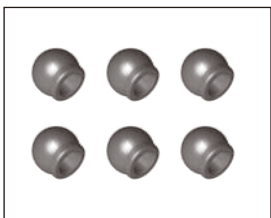
PD1903-B
REAR WING, BLACK, 1/8
擾流尾翼組



PD1905
FR SUSP PLATE, FF0
前投影板FF0



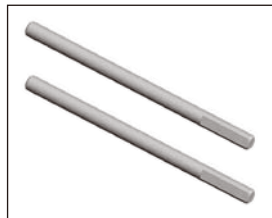
PD1906
SUSP. PLATE SET
投影板組



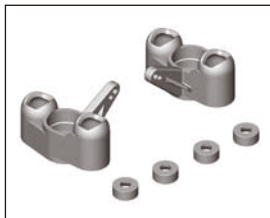
PD1907
SUSP. PLATE JOINT
球座



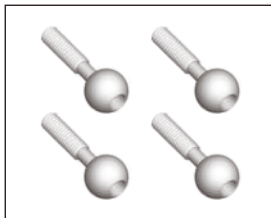
PD1908
UP SUSP. ARM PLATE
上擺臂固定板



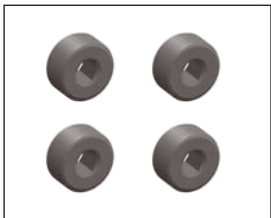
PD1914
RR LOWER HINGE PIN
後輪座固定銷



PD1915
KNUCKLE
轉向輪座組



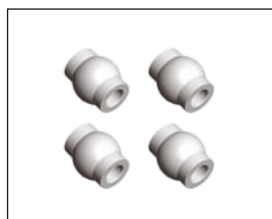
PD1916
ADJ. BALL (4)
擺臂球頭



PD1917
ADJ. SCREW (4)
轉向球頭固定螺絲



PD1921
RR TIE END
後上擺臂拉桿頭



PD1922
RR.PIVOT BALL
後上擺臂拉桿球座



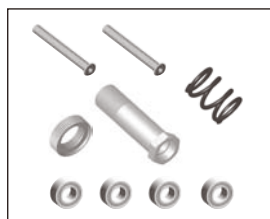
PD1923
REAR HUB SET
後輪座組



PD1924
HEX WHEEL ADAPTER SET,S3
六角輪殼轉換器, S3



PD1925
SEVO SAVER PL. PARTS
轉向搖臂塑件



PD1926
SEVO SAVER ML. PARTS
轉向金屬配件



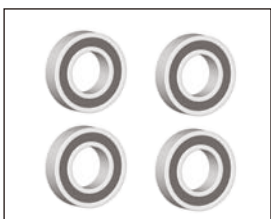
PD1928
SERVO SAVER BUSHING
轉向曲板襯套



PD1931
FR BUMPER
前防撞板

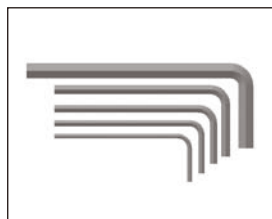


PD1968
BEARING, d5xD10xW4
軸承

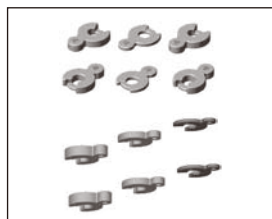


PD1969
BEARING, d10xD19xW5
軸承

ST4 G3 BUGGY CAR SPARE PARTS LIST 零件表



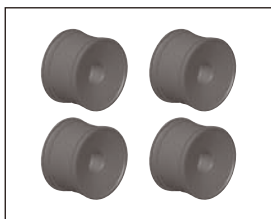
PD1975
HEX WRENCH SET
六角扳手組



PD2281
CASTER SHIM (12)
傾角調整夾片



PD2320
REAR WING MOUNT
後尾翼固定座零件包



PD2324-B
EXTENDED WHL(B), ST-1
蝶式輪殼 (黑)



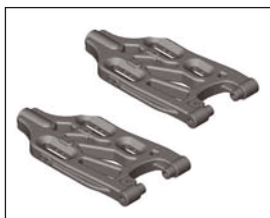
PD2331-T
SERVO SAVER TOP PLATE
前補強板



PD2334
REAR SUSPN ARM SET
後擺臂組



PD2335
UP SUSP ARM SET
上擺臂組



PD2336
FR LWR SUSPN ARM SET
前下擺臂組



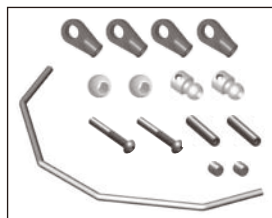
PD2339
FF/RR MOUNTS&POSTS
車殼固定塊



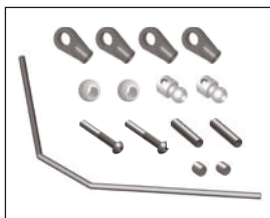
PD2340
UP SUSP. ARM HOLDER
前上擺臂支撐座



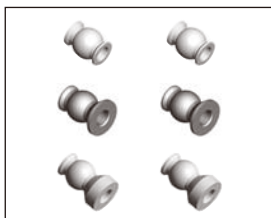
PD2342
DIFF BEVEL GEAR SET
傳動大/小斜齒輪



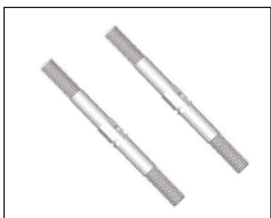
PD2343
FR SWAY BAR M&H, 2.7mm
前防傾桿附件



PD2344
RR SWAY BAR M&H
後防傾桿附件



PD2346
ST.PIVOT BALL
轉向球座



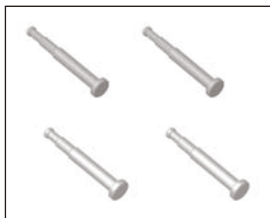
PD2347
RR TURNBUCKLE
後上擺臂拉桿



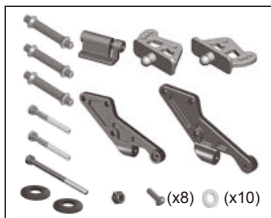
PD2348
FR TURNBUCKLE
前轉向拉桿



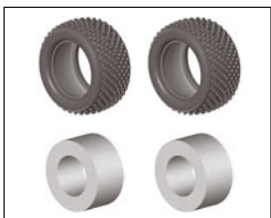
PD2351
STEERING SLIDER
轉向曲板



PD2357
FR/RR SHOCK SET PIN
避震器下固定銷



PD2359-1
WING ASSEMBLY
後車殼固定組



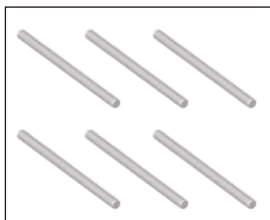
PD2362
CUBIC TRUCK TIRE
丁紋輪胎



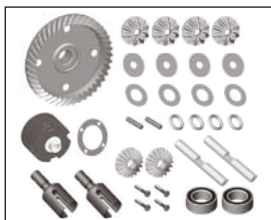
PD2367
RR BALL UNIVERSAL
後萬向傳動軸



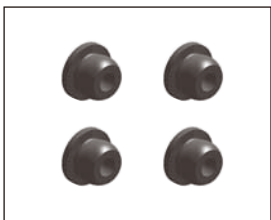
PD2368
FR BALL UNIVERSAL
前萬向傳動軸



PD2376
SUSP. HINGE PIN SET
擺臂固定銷



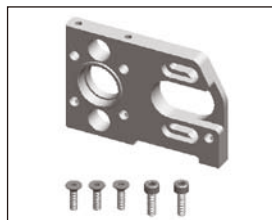
PD2379
DIFFERENTIAL SET
差速器組



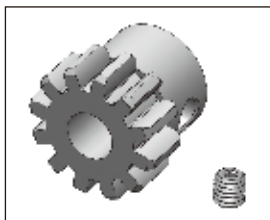
PD8934
SHOCK PLASTIC BUSHING
避震器襯套



PD9308
SWAY BAR MOUNT
平衡桿壓板



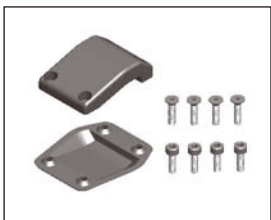
PD01-0003
MOTOR MOUNT
馬達固定座



PD01-0004
PINION GEAR (13T), 1/8
馬達驅動齒輪



PD02-0009
CTR DIFF MNT.
中差支架組



PD02-0010
CTR DIFF PLT.
差速護蓋組

ST4 G3 BUGGY CAR SPARE PARTS LIST 零件表



PD02-0021
SPUR GEAR (48T), 1/8
主齒輪, 48T



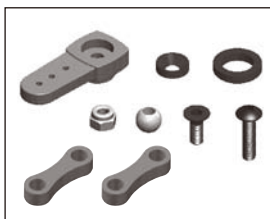
PD05-0016
SERVO ARM SET
伺服拉桿組



PD05-0017
FR UNINI SHAFT
前中央傳動軸組



PD05-0018
RR UNINI SHAFT
後中央傳動軸組



PD06-0008
SERVO HORN SET
伺服轉向組



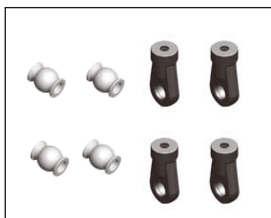
PD07-0017
SHOCK PLASTIC PARTS
避震器塑膠配件



PD07-0018
FR SHOCK CAP (2)
避震器上蓋 (2)



PD07-0025
SHOCK PISTON
避震器活塞組



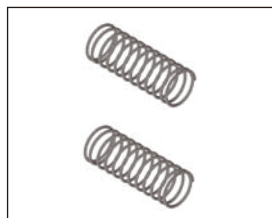
PD07-0037
SHOCK EYELET, TA
避震器球頭拉桿



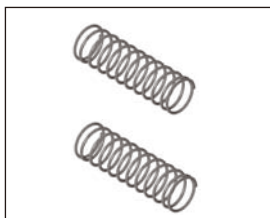
PD07-0038
FR SHOCK SHAFT (2)
前避震器軸



PD07-0039
RR SHOCK SHAFT (2)
後避震器軸



PD07-0040
FR SHOCK SPRING (2)
前避震器彈簧 (2)



PD07-0041
RR SHOCK SPRING (2)
後避震器彈簧 (2)



PD07-0042
FR SHOCK SET (2)
前避震器組 (2sets)



PD07-0043
RR SHOCK SET (2)
後避震器組 (2sets)



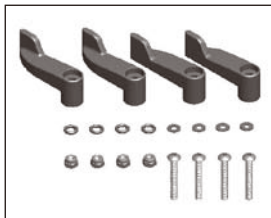
PD07-0052
FR SHOCK BODY (2)
前避震器套筒零件包 (2)



PD07-0053
RR SHOCK BODY (2)
後避震器套筒零件包 (2)



PD09-0028
LEAD TRAY
導線護板組



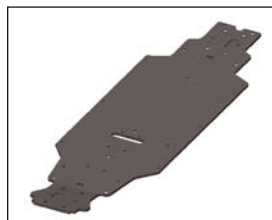
PD09-0029
CTR UNIT LOCK
本體固定旋鈕組



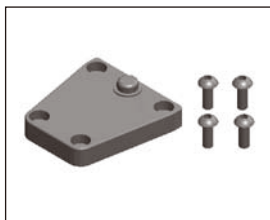
PD09-0030
UPPR CTR UNIT
本體上蓋



PD09-0031
LWR CTR UNIT
本體下蓋



PD09-0033
CHASSIS
車底板



PD09-0034
RR CHASSIS BRC.
後補強塊組



PD09-0035
FR CHASSIS BRC.
前補強板組



PD09-0060
FR SHOCK TOWER
前避震器支架



PD09-0061
RR SHOCK TOWER
後避震器支架



PD09-0062
FR/RR SHOCK STANDOFF SET
避震器固定座組



PD09-0064
SHOCK RISER SET
後避震器座組



PD09-0065R/B
PNTD BODY (Red)
完成車殼組 (紅)



PD09-0065L/B
PNTD BODY (Blue)
完成車殼組 (藍)

ST4 G3 BUGGY CAR SPARE PARTS LIST 零件表



PD09-0065PL/B
PNTD BODY (Purple)
完成車殼組(紫)



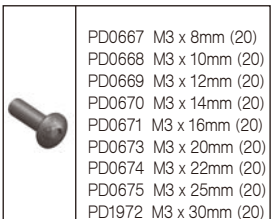
PD09-0065GY/B
PNTD BODY (Gray)
完成車殼組(灰)



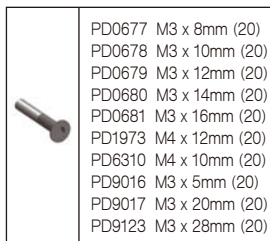
PD09-0066
CLEAR BODY SET+BODY DECAL
透明車殼+貼紙組



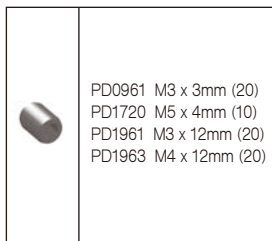
PD09-0067
BODY DECAL
貼紙組



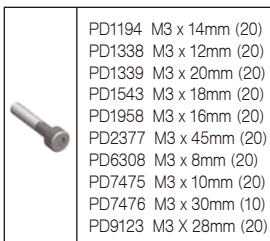
BHCS SCREW
半圓頭內六角螺絲



FHCS SCREW
平頭內六角螺絲



SET SCREW
無頭內六角螺絲



SHCS SCREW
內六角螺絲



LOCK NUT
止鬆螺帽



O-RING
O型環



PD0677 M3 x 8mm (20)
PD0678 M3 x 10mm (20)
PD0679 M3 x 12mm (20)
PD0680 M3 x 14mm (20)
PD0681 M3 x 16mm (20)
PD1973 M4 x 12mm (20)
PD6310 M4 x 10mm (20)
PD9016 M3 x 5mm (20)
PD9017 M3 x 20mm (20)
PD9123 M3 x 28mm (20)



PD0961 M3 x 3mm (20)
PD1720 M5 x 4mm (10)
PD1961 M3 x 12mm (20)
PD1963 M4 x 12mm (20)



PD1194 M3 x 14mm (20)
PD1338 M3 x 12mm (20)
PD1339 M3 x 20mm (20)
PD1543 M3 x 18mm (20)
PD1958 M3 x 16mm (20)
PD2377 M3 x 45mm (20)
PD6308 M3 x 8mm (20)
PD7475 M3 x 10mm (20)
PD7476 M3 x 30mm (10)
PD9123 M3 x 28mm (20)



PD1244 M3 (10)
PD2177 M2.5 (20)

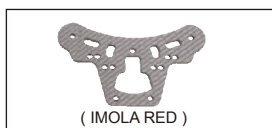


PD1971 M3 x 14mm (20)

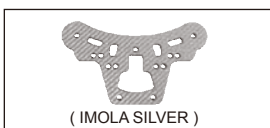
ST4 G3 BUGGY CAR OPTIONAL PARTS LIST 選購零件表



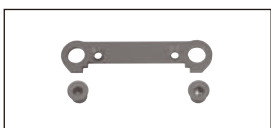
PD0399
TURNBUCKLE WRENCH, 5mm
拉桿扳手



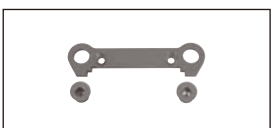
PD1843-R
CARB SS TOP PLT(R)
轉向擺臂固定板零件包(紅)



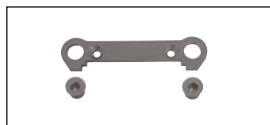
PD1843-S
CARB SS TOP PLT(S)
轉向擺臂固定板零件包(銀)



PD1847
FR PLT FR TRANS, FF-1
前投影板 (FF-1) 零件包



PD1848
FR PLT FR TRANS, FF0
前投影板 (FF0) 零件包



PD1849
FR PLT FR TRANS, FF+1
前投影板 (FF+1) 零件包



PD1850
A75RR PLT FR TRN, FR0
前投影板 (FR0) 零件包



PD1851
A75FR PLT RR TRN, RF0
後投影板 (RF0) 零件包



PD1852
A75FR PLT RR TRN, RF+4
後投影板 (RF+4) 零件包



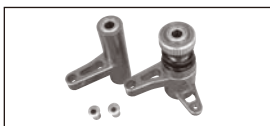
PD1853
A75RR PLT RR TRN, RR+2
後投影板 (RR+2) 零件包



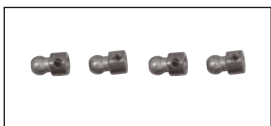
PD1854
A75RR PLT RR TRN, RR+3
後投影板 (RR+3) 零件包



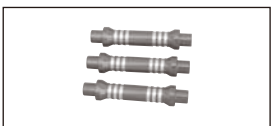
PD1855
A75UP ARM PLATE
上擺臂前固定板零件包



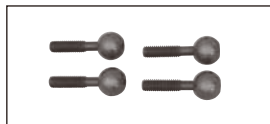
PD1857
ALUM S. SAVER SET
緩衝 / 轉向擺臂零件包



PD1860
HARD SWAY BAR BALL
防傾桿球頭零件包



PD1862
WING POST
擾流板固定支柱零件包



PD1863
LITE PILLOW BALL
懸吊球頭零件包



PD1865
LITE WHEEL NUT
六角輪轂止鬆螺帽



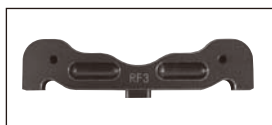
PD1903
REAR WING
擾流尾翼

PD1903-B BLACK (黑)
PD1903-G GREEN (綠)
PD1903-O ORANGE (橘)

PD1903-P PINK (粉紅)
PD1903-Y YELLOW (黃)



PD1989
RR TOE-IN BLOCK, RF+2
後投影板 (RF+2) 零件包



PD1990
A75FR PLT RR TRN, RF+3
後投影板 (RF+3) 零件包



PD1991
A75RR PLT RR TRN, RR+2.5
後投影板 (RR+2.5) 零件包



PD1992
A75RR PLT RR TRN, RR+4
後投影板 (RR+4) 零件包



PD2311-R CFRP FR SHOCK TOWER (R)
前避震器支架(紅)
PD2311-S CFRP FR SHOCK TOWER (S)
前避震器支架(銀)

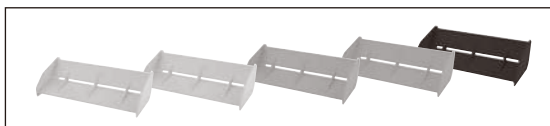
ST4 G3 BUGGY CAR OPTIONAL PARTS LIST 選購零件表



PD2315
A75 ST.SLIDER W/BB
轉向曲板零件包



PD2316-G SWAY BAR (G), 3mm
防傾桿 (金, Ø3mm)
PD2316-S SWAY BAR (S), 2.5mm
防傾桿 (銀, Ø2.5mm)



PD2319
REAR WING
擾流尾翼
PD2319-B BLACK (黑)
PD2319-G GREEN (綠)
PD2319-O ORANGE (橘)
PD2319-W WHITE (白)
PD2319-Y YELLOW (黃)



PD8954
UP SUSP. ARM SET
上擺臂組



PD8960
WRENCH EXTENSION, 17mm
套筒工具



PD8961
WRENCH SET
開口板手



PD02-0012
AL CTR DIFF MNT
金屬中差支撐架 (鋁)



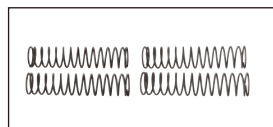
PD02-0013
AL CTR DIFF PLT
金屬中差連板 (鋁)



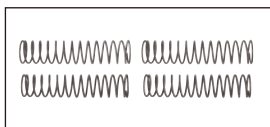
PD07-0023
AL SHOCK CAP
(鋁)避震器上蓋 (鈦色)



PD07-0027
SHOCK COLLARS, 16mm
避震器調整環零件包



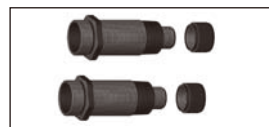
PD07-0044
FR SHOCK SPRING K=0.057
前避震器彈簧零件包 K=0.057



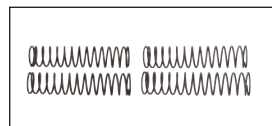
PD07-0045
RR SHOCK SPRING K=0.07
後避震器彈簧零件包 K=0.07



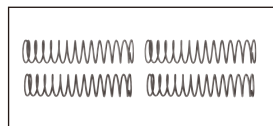
PD07-0046
AL FR SHOCK BODY(2)
(鋁)前避震器套筒零件包(2) (鈦色)



PD07-0047
AL RR SHOCK BODY(2)
(鋁)後避震器套筒零件包(2) (鈦色)



PD07-0050
FR SHOCK SPRING K=0.094
前避震器彈簧零件包 K=0.094



PD07-0051
RR SHOCK SPRING K=0.102
後避震器彈簧零件包 K=0.102

ST4 G3 SPARE PARTS LIST 零件表

PART#	DESCRIPTION	中文名稱
1319	TT LOGO DECAL	TT LOGO 貼紙
PD0432	BODY CLIPS EB4	R形插銷
PD0662	STANDOFF BALL, (L) 4mm	滾珠軸承, MSEALD 8x16x5
PD0667	BHCS SCREW (20), M3 x 8	半圓頭內六角螺絲 (20), M3 x 8
PD0668	BHCS SCREW (20), M3 x 10	半圓頭內六角螺絲 (20), M3 x 10
PD0669	BHCS SCREW (20), M3 x 12	半圓頭內六角螺絲 (20), M3 x 12
PD0670	BHCS SCREW (20), M3 x 16	半圓頭內六角螺絲 (20) M3x14
PD0671	BHCS SCREW (20), M3x14	半圓頭內六角螺絲 (20), M3 x 16
PD0673	BHCS SCREW (20), M3 x 20	半圓頭內六角螺絲 (20), M3 x 20
PD0674	BHCS SCREW (20), M3 x 22	半圓頭內六角螺絲 (20), M3 x 22
PD0675	BHCS SCREW (20), M3 x 25	半圓頭內六角螺絲 (20), M3 x 25
PD0677	FHCS SCREW (20), M3 x 8	平頭內六角螺絲 (20), M3 x 8
PD0678	FHCS SCREW (20), M3 x 10	平頭內六角螺絲 (20), M3 x 10
PD0679	FHCS SCREW (20), M3 x 12	平頭內六角螺絲 (20), M3 x 12
PD0680	FHCS SCREW (20), M3 x 14	平頭內六角螺絲 (20), M3 x 14
PD0681	FHCS SCREW (20), M3 x 16	平頭內六角螺絲 (20), M3 x 16
PD0961	SET SCREW (20), M3 x 3	無頭內六角螺絲 (20), M3 x 3
PD0973	WASHER (20)	平墊圈 (20)
PD1194	SHCS SCREW (20), M3 x 14	內六角螺絲 (20), M3 x 14
PD1199	WASHER (20)	平墊圈 (20)
PD1244	LOCK NUT (10)	止鬆螺帽 (10)
PD1338	SHCS SCREW (20), M3 x 12	內六角螺絲 (20), M3 x 12
PD1339	SHCS SCREW (20), M3 x 20	內六角螺絲 (20), M3 x 20
PD1543	SHCS SCREW (20), M3 x 18	內六角螺絲 (20), M3 x 18
PD1576	PIVOT BALL (10)	球頭 (10)
PD1720	SET SCREW, S3	無頭內六角螺絲
PD1871	TRANS CASE/BULKHEAD SET	差速箱本體
PD1875	UNIV. REBUILD KIT, S3	萬向接合套件
PD1895	DIFF INNER GEAR & PARTS	差速內傘齒維修包 10T/18T
PD1896	DIFF SHIM (10), 0.3mm	差速器墊片 (0.3mm)
PD1897	DIFF CASE	差速器本體
PD1898	DIFF OUTDRIVE (2), FR & RR	差速傳動軸套 (2)

PART#	DESCRIPTION	中文名稱
PD1899	DIFF OUTDRIVE (2), CTR	中央差速傳動軸套 (2)
PD1903-B	REAR WING, BLACK, 1/8	擾流尾翼組 (黑)
PD1905	FR SUSP PLATE, FF0	前投影板 FF0
PD1906	SUSP. PLATE SET	投影板組
PD1907	SUSP. PLATE JOINT	球座
PD1908	UP SUSP. ARM PLATE	上擺臂固定板
PD1914	RR LOWER HINGE PIN	後輪座固定銷
PD1915	KNUCKLE	轉向輪座組
PD1916	ADJ. BALL (4)	擺臂球頭 (4)
PD1917	ADJ. SCREW (4)	轉向球頭固定螺絲 (4)
PD1921	RR TIE END	後上擺臂拉桿頭
PD1922	RR.PIVOT BALL	後上擺臂拉桿球座
PD1923	REAR HUB SET	後輪座組
PD1924	HEX DRIVE (4), 17mm	六角輪殼轉換器組
PD1925	SEVO SAVER PL. PARTS	轉向搖臂塑件
PD1926	SEVO SAVER ML. PARTS	轉向金屬配件
PD1928	SERVO SAVER BUSHING	轉向曲板襯套
PD1931	FR BUMPER	前防撞板
PD1958	SHCS SCREW (20), M3 x 16	內六角螺絲 (20), M3 x 16
PD1961	SET SCREW (20), M3 x 12	無頭內六角螺絲 (20), M3 x 12
PD1963	SET SCREW (20), M4 x 12	無頭內六角螺絲 (20), M4 x 12
PD1968	BEARING (4), d5 x D10 x W4	軸承 (4), d5 x D10 x W4
PD1969	BEARING (4), d10 x D19 x W5	軸承 (4), d10 x D19 x W5
PD1971	FLAT HEAD SOCKET SCREW, M3 x 14	扁圓盤內六角螺絲, M3 x 14
PD1972	BHCS SCREW (20), M3 x 30	半圓頭內六角螺絲 (20), M3 x 30
PD1973	FHCS SCREW (20), M4 x 12	平頭內六角螺絲 (20), M4 x 12
PD1975	HEX WRENCH SET	六角板手組
PD2001	O-RING, Ø 4.4	O型環
PD2177	LOCK NUT (20), M2.5	防鬆螺帽組 (20), M2.5
PD2281	CASTER SHIM (12)	傾角調整夾片 (12)
PD2320	REAR WING MOUNT	後尾翼固定座零件包
PD2324-B	EXTENDED WHL(B), ST-1	蝶式輪殼 (黑)

ST4 G3 SPARE PARTS LIST 零件表

PART#	DESCRIPTION	中文名稱
PD2331-T	SERVO SAVER TOP PLATE	前補強板
PD2334	REAR SUSPN ARM SET (2)	後擺臂組 (2)
PD2335	UP SUSP ARM SET (2)	上擺臂組 (2)
PD2336	LWR SUSPN ARM SET	前下擺臂組 (2)
PD2339	FF/RR MOUNTS & POSTS	車殼固定塊
PD2340	UP SUSP. ARM HOLDER	前上擺臂支撐座
PD2342	DIFF BEVEL GEAR SET	傳動大/小斜齒輪
PD2343	FR SWAY BAR M & H, 2.7mm	前防傾桿附件
PD2344	RR SWAY BAR M & H	後防傾桿附件
PD2346	ST.PIVOT BALL	轉向球座
PD2347	RR TURNBUCKLE	後上擺臂拉桿
PD2348	FR TURNBUCKLE	前轉向拉桿
PD2351	STEERING SLIDER	轉向曲板
PD2356	FR BUMPER	前防撞板
PD2357	FR/RR SHOCK SET PIN	避震器上固定銷
PD2359	WING ASSEMBLY	後車殼固定組
PD2362	CUBIC TRUCK TIRE	丁紋輪胎
PD2367	RR BALL UNIVERSAL (2)	後萬向傳動軸 (2)
PD2368	FR BALL UNIVERSAL (2)	前萬向傳動軸 (2)
PD2376	SUSP. HINGE PIN SET	擺臂固定銷
PD2377	SHCS SCREW (20), M3 x 45	內六角螺絲 (20), M3 x 45
PD2379	DIFFERENTIAL SET	差速器組
PD2385	WASHER SET	墊片組
PD6308	SHCS SCREW (20), M3 x 8	內六角螺絲 (20), M3 x 8
PD6310	FHCS SCREW (20), M4 x 10	平頭內六角螺絲 (20), M4 x 10
PD7475	SHCS SCREW (20), M3 x 10	內六角螺絲 (20), M3 x 10
PD7476	SHCS SCREW (20), M3 x 30	內六角螺絲 (20), M3 x 30
PD8934	SHOCK PLASTIC BUSHING	避震器襯套
PD9016	FHCS SCREW (20), M3 x 5	平頭內六角螺絲 (20), M3 x 5
PD9017	FHCS SCREW (20), M3 x 20	平頭內六角螺絲 (20), M3 x 20
PD9123	FHCS SCREW(20),M3 x 28	平頭內六角螺絲, M3 x 28
PD9308	SWAY BAR MOUNT(2)	平衡桿壓板 (2)
PD01-0003	MOTOR MOUNT	馬達固定座
PD01-0004	PINION GEAR(13T),1/8	馬達驅動齒輪
PD02-0009	CTR DIFF MNT.	中差支架組

PART#	DESCRIPTION	中文名稱
PD02-0010	CTR DIFF PLT.	差速護蓋組
PD02-0021	SPUR GEAR(48T),1/8	主齒輪,48T
PD05-0016	SERVO ARM SET	伺服拉桿組
PD05-0017	FR UNINI SHAFT	前中央傳動軸組
PD05-0018	RR UNINI SHAFT	後中央傳動軸組
PD06-0008	SERVO HORN SET	伺服轉向組
PD07-0017	SHOCK PLASTIC PARTS	避震器塑膠配件
PD07-0018	FR SHOCK CAP(2)	避震器上蓋 (2)
PD07-0025	SHOCK PISTON	避震器活塞組
PD07-0037	SHOCK EYELET,TA	避震器球頭拉桿
PD07-0038	FR SHOCK SHAFT(2)	前避震器軸
PD07-0039	RR SHOCK SHAFT(2)	後避震器軸
PD07-0040	FR SHOCK SPRING(2)	前避震器彈簧 (2)
PD07-0041	RR SHOCK SPRING(2)	後避震器彈簧 (2)
PD07-0042	FR SHOCK SET (2)	前避震器組 (2sets)
PD07-0043	RR SHOCK SET (2)	後避震器組 (2sets)
PD07-0052	FR SHOCK BODY(2)	前避震器套筒零件包 (2)
PD07-0053	RR SHOCK BODY(2)	後避震器套筒零件包 (2)
PD09-0028	LEAD TRAY	導線護板組
PD09-0029	CTR UNIT LOCK	本體固定旋鈕組
PD09-0030	UPPR CTR UNIT	本體上蓋
PD09-0031	LWR CTR UNIT	本體下蓋
PD09-0033	CHASSIS	車底板
PD09-0034	RR CHASSIS BRC.	後補強塊組
PD09-0035	FR CHASSIS BRC.	前補強板組
PD09-0060	FR SHOCK TOWER	前避震器支架
PD09-0061	RR SHOCK TOWER	後避震器支架
PD09-0062	FR/RR SHOCK STANDOFF SET	避震器固定座組
PD09-0064	SHOCK RISER SET	避震器座組
PD09-0065R/B	PNTD BODY (Red)	完成車殼組 (紅)
PD09-0065L/B	PNTD BODY (Blue)	完成車殼組 (藍)
PD09-0065PL/B	PNTD BODY (Purple)	完成車殼組 (紫)
PD09-0065GY/B	PNTD BODY (Gray)	完成車殼組 (灰)
PD09-0066	CLEAR BODY SET+BODY DECAL	透明車殼+貼紙組
PD09-0067	BODY DECAL	貼紙組

ST4 G3 OPTIONAL PARTS LIST 選購零件表

PART#	DESCRIPTION	中文名稱
PD0399	TURNBUCKLE WRENCH, 5mm	拉桿扳手, 5mm
PD1843-R	CARB SS TOP PLT (R)	轉向擺臂固定板零件包 (紅)
PD1843-S	CARB SS TOP PLT (S)	轉向擺臂固定板零件包 (銀)
PD1847	FR PLATR FR TRANS, FF-1	前投影板 (FF-1) 零件包
PD1848	FR PLATR FR TRANS, FF0	前投影板 (FF0) 零件包
PD1849	FR PLATR FR TRANS, FF+1	前投影板 (FF+1) 零件包
PD1850	A75RR PLT FR TRN, FR0	前投影板 (FR0) 零件包
PD1851	A75FR PLT RR TRN, RF0	後投影板 (RF0) 零件包
PD1852	A75FR PLT RR TRN, RF4	後投影板 (RF+4) 零件包
PD1853	A75RR PLT RR TRN, RR2	後投影板 (RR+2) 零件包
PD1854	A75RR PLT RR TRN, RR3	後投影板 (RR+3) 零件包
PD1855	A75UP ARM PLATE	上擺臂前固定板零件包
PD1857	ALUM S.SAVER SET	緩衝/轉向擺臂零件包
PD1860	HARD SWAY BAR BALL	防傾桿球頭零件包
PD1862	WING POST	擾流板固定支柱零件包
PD1863	LITE PILLOW BALL	懸吊球頭零件包
PD1865	LITE WHEEL NUT	六角輪轂止鬆螺帽
PD1903-B	REAR WING, BLACK	擾流尾翼 (黑)
PD1903-G	REAR WING, GREEN	擾流尾翼 (綠)
PD1903-O	REAR WING, ORANGE	擾流尾翼 (橘)
PD1903-P	REAR WING, PINK	擾流尾翼 (粉紅)
PD1903-Y	REAR WING, YELLOW	擾流尾翼 (黃)
PD1989	RR TOE-IN BLOCK	後投影板 (RF+2) 零件包
PD1990	A75FR PLT RR TRN, RF3	後投影板 (RF+3) 零件包
PD1991	A75RR PLT RR TRN, RR2.5	後投影板 (RR+2.5) 零件包

PART#	DESCRIPTION	中文名稱
PD1992	A75RR PLT RR TRN, RR4	後投影板 (RR+4) 零件包
PD2311-R	CFRP FR SHOCK TOWER (R)	前避震器支架 (紅)
PD2311-S	CFRP FR SHOCK TOWER (S)	前避震器支架 (銀)
PD2315	A75 ST.SLIDER W/BB	轉向曲板零件包
PD2316-G	SWAY BAR (G), 3mm	防傾桿 (金Ø3mm)
PD2316-S	SWAY BAR (S), 2.5mm	防傾桿 (銀Ø2.5mm)
PD2319-B	REAR WING, BLACK	擾流尾翼 (黑)
PD2319-G	REAR WING, GREEN	擾流尾翼 (綠)
PD2319-O	REAR WING, ORANGE	擾流尾翼 (橘)
PD2319-W	REAR WING, WHITE	擾流尾翼 (白)
PD2319-Y	REAR WING, YELLOW	擾流尾翼 (黃)
PD8954	UP SUSP. ARM SET	上擺臂組
PD8960	WRENCH SET, 17mm	套筒工具
PD8961	WRENCH SET	開口扳手
PD02-0012	AL CTR DIFF MNT.	中差支撐架
PD02-0013	AL CTR DIFF PLT.	中差連板
PD07-0023	AL SHOCK CAP	避震器上蓋
PD07-0027	SHOCK COLLARS, 16mm	避震器調整環
PD07-0044	FR SHOCK SPRING K=0.057	前避震器彈簧 K=0.057
PD07-0045	RR SHOCK SPRING K=0.07	後避震器彈簧 K=0.07
PD07-0046	FR SHOCK BODY (2)	前避震器套筒
PD07-0047	RR SHOCK BODY (2)	後避震器套筒
PD07-0050	FR SHOCK SPRING K=0.094	前避震器彈簧零件包 K=0.094
PD07-0051	RR SHOCK SPRING K=0.102	後避震器彈簧零件包 K=0.102

