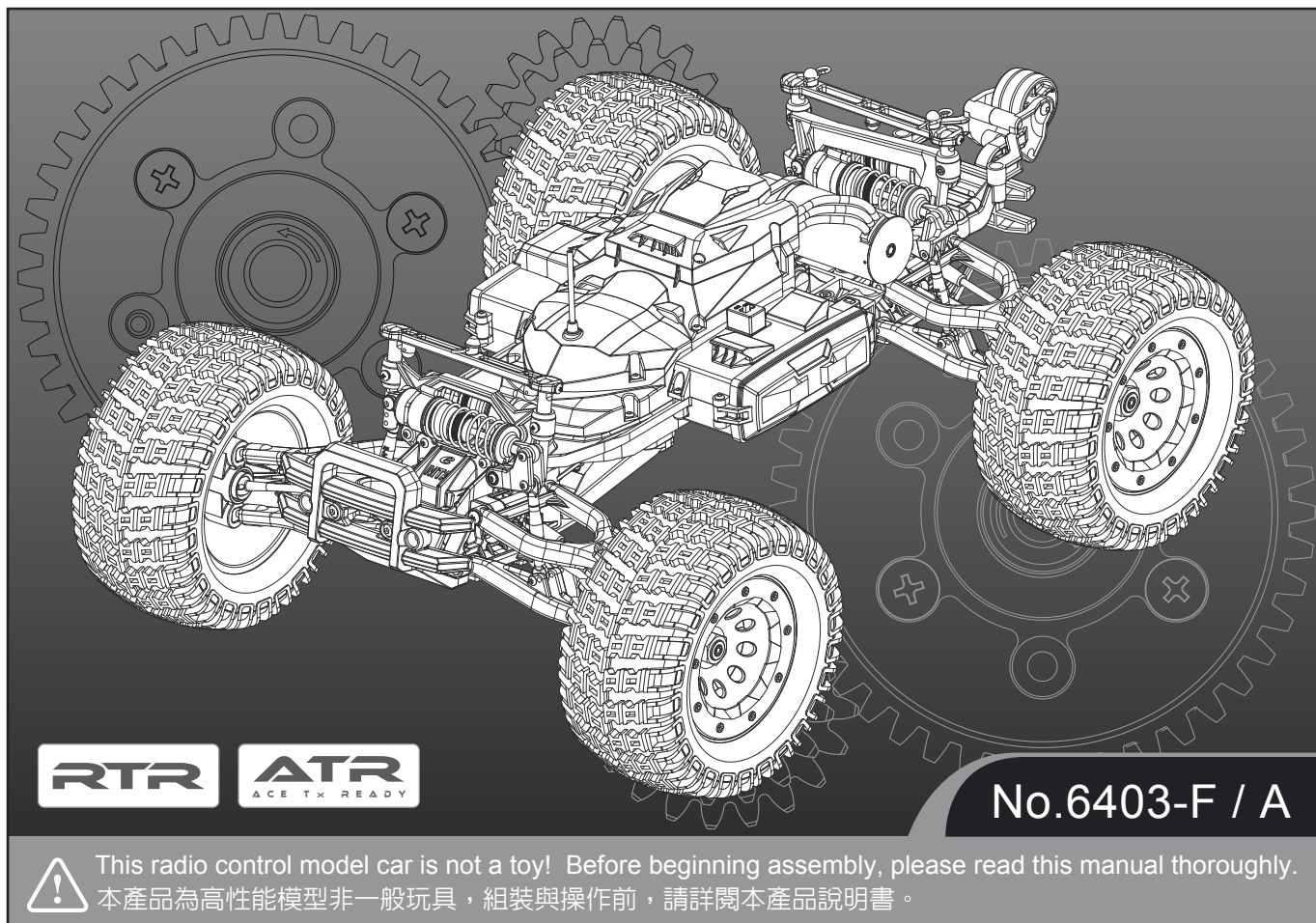


1:8 TH SCALE BRUSHLESS 4WD MONSTER TRUCK 1/8 無刷電動四驅大腳卡車



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。

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.
6. The Power System is **NOT WATERPROOF**. Do not expose system to any type of water, condensation, or moisture.
7. Use Stock Connectors : Removing the battery connector on the speed control will void the product's warranty.

⚠ WARNING ! To avoid a possible fire hazard, ALWAYS unplug the battery after use. Do NOT leave your vehicle unattended with the battery plugged in.

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。

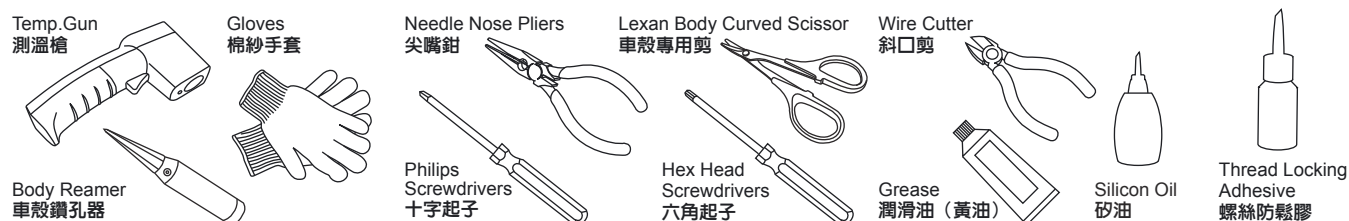
1. 本產品為高性能模型產品非一般玩具，組裝與操作過程皆須由成人陪同。請詳讀此本使用說明書，避免因組裝錯誤與操作不當造成損壞。
2. 請妥善保管此說明書，對於後續維修、操控說明將可提供您協助。
3. 請勿使用電動工具旋緊自攻螺絲於塑膠零件上，可能導致塑膠零件融化或滑牙。
4. 請檢視所有活動部位零件是否不受干涉，可靈活作動，以達車輛最佳性能。
5. 此項產品具有相當之危險性，於組裝、調整、操控上的不熟悉都可能造成自身或他人的傷害，發生這些傷害事件時，製造商是可以免除責任的，建議您於初次使用本產品前，先行請教具有相程度經驗同好或是專業雷虎經銷商與模型專賣店。
6. 本車配備之動力系統並不具「防水」功能。請勿將動力系統暴露在任何類型的液體中，也包含充滿水氣或是高度潮濕的環境中。
7. 請使用原廠電源接頭：移除原廠電子速控器所附電源連頭將違反產品保固，本公司有權拒絕售後服務。

⚠ 警告！為避免因電線短路等因素而引起之可能災害，請務必於操作本產品後，將電池接頭拔除以避免可能發生之危險！請勿在電池接頭未經拔除前就將產品儲藏於無法留意之處。

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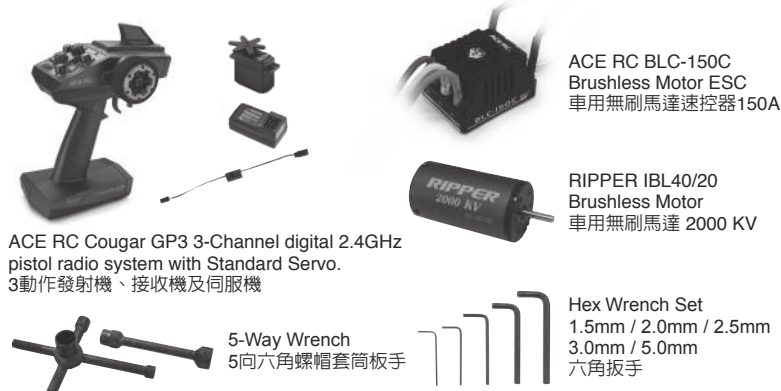
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Tools Required For Assembly 組裝維修工具



Items Required for Operation 周邊配件

RTR CONTENTS 完成車輛配備



EQUIPMENT NEEDED 需求配件

(Not included in the kit 不包含在此套件內)



95% Assembled, Almost Ready to Run for ACE Tx Ready
Engine/Motor, ESC, Receiver, Servos Installed
Requires IFH55 compatible Transmitter, Battery and Charger

本體95%組裝完成，自備ACE遙控器。
引擎發動機或馬達、電調、伺服器及相關電裝組配完成。
需另備 IFH55 相容系統之遙控器，電池與充電器。



95% Assembled, Ready to Run
Engine/Motor, ESC, Radio/Servos Installed
Requires Battery and Charger

本體95%組裝完成。
引擎發動機或馬達、電調、伺服器及相關電裝組配完成。
需另備電池及充電器。

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 22.2 volts (3S 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！請勿使用氫/鎳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22.2 volts (建議使用3S 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，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。發生上述斷電情況請操作者即刻暫停操作以防電池之損壞。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 WHEEL AND TIRE PREPARATION 輪胎及輪轂



- Remove wheel lock nut using the 4-way wrench and detach wheels.
- Replace fresh tires and wheels if the original tires are worn out.
- Tighten the wheel lock nut.

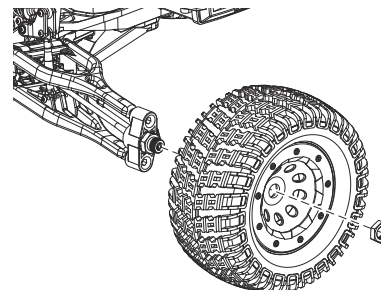
⚠ Make Sure The Axle Nuts Are Tight Before Each Run

Before operating your e-MTA, take a moment to make sure the axle nuts are tight, as they may have loosened during shipping. The correct size axle-nut wrench is supplied with the truck. Check the tightness of the axle nuts before each run. The e-MTA's high speed and torque can loosen the nuts over time if left unchecked.

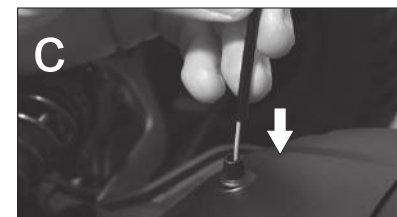
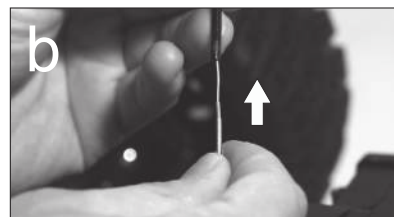
- 使用內附之六角螺帽套筒板手將輪轂上六角固定螺帽取下。
- 將已磨損嚴重之輪胎組取下後，換上新的輪胎組。
- 將六角固定螺帽重新鎖緊。

⚠ 輪胎鎖附步驟加註注意事項

在操作之前請先確認輪胎之固定六角螺帽是被鎖緊的。如未鎖緊，可使用隨車所附的螺帽套筒板手將螺帽鎖緊。每趟跑完或是再次出發前請務必檢查固定螺帽是否鬆脫？此車之高轉速與高扭力很可能於每一次的操作時使螺帽漸漸地鬆脫。



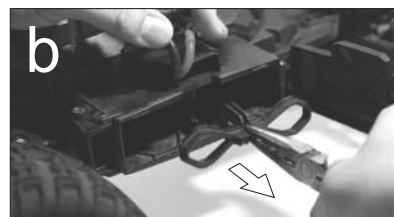
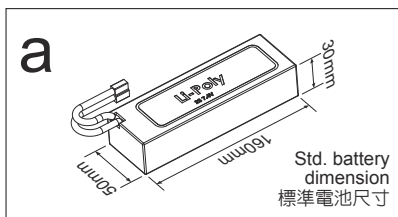
3 PREPARING THE CHASSIS 操作前，車體準備



- Remove the body pins (3 pcs.) and detach the body.
- Straighten antenna and insert into antenna tube.
- Put the antenna wire through the antenna pipe. (Do not cut or shorten antenna wire!!) Push the antenna pipe into the chassis mount hole.

- 將車殼固定插銷(共3個)拆除以取下車殼。
- 將天線穿套進天線管內。
- 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)。

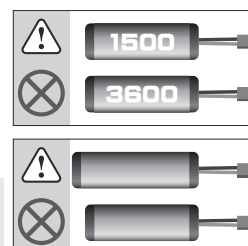
4 USING DIFFERENT BATTER CONFIGURATIONS 電池尺寸規範



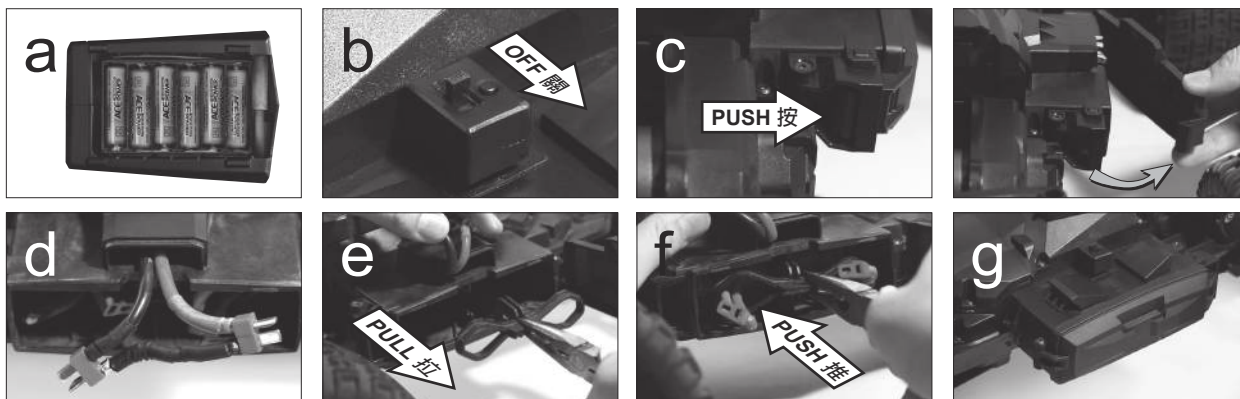
- The battery compartments in the e-MTA are adjustable to accommodate many sizes of battery packs. From the factory, the compartments are configured to accept the standard sized battery pack shown. (160 x 50 x 30mm)
- The e-MTA battery compartments have adjustable battery retainer clips for keeping your battery secured. To adjust the battery retainer clips, use a needle nosed pliers to pinch the releasing tabs of the clip.
- Pull or push the battery retainer clips forward or backward to secure the battery in a balance position accordingly in the battery compartments.

- e-MTA的電池盒可以適應不同尺寸之電池。原廠建議使用為如圖示尺寸之電池。(160 x 50 x 30mm)
- e-MTA電池盒內備有電池調整夾可協助固定不同尺寸之電池。
- 使用方式為使用尖嘴鉗將調整夾上下向內夾緊，然後向外拉出或向內推擠以適應不同長度之電池並將電池固定在左右相對平衡的位置上。

⚠ Do not mix battery types and capacities. Use the same voltage and capacity for both batteries. Using mismatched battery packs could damage the batteries and electronic speed control. 切勿使用不同種類的電池或是不同電容量的電池搭配使用，此舉將會導致電池及電子速控器的損壞。



5 BATTERY INSTALLATION 電池安裝 (Batteries are not included in the kit. 本產品不含電池)



- Install 6pcs alkaline or rechargeable AA-size batteries into transmitter.
- Make sure switch is OFF.
- Open the battery compartment door by pressing on the releasing locks.
- Install the battery packs with the battery wires facing the right side of the battery compartment door.
- Make sure the battery is sung in the compartment. If not, remove the battery and make adjustment to the retainer clips.
- Route the battery wires through the clips but do not connect with the speed control at this time. (Note : always unplug the battery packs and remove from the model after use.) ⚠
- Close the compartment door, making sure not to pinch the battery wires. Be sure both release locks are fully engaged with the doors.
- 安裝六顆三號鹼性電池或充電電池於發射機內。
- 先確認電源是關閉的。
- 向內按壓門扣即可打開電池盒的左右側門。
- 安裝適當電池於電池盒中，電池出線面向電池盒的右側。
- 確認電池擺放位置正確。如不正確則重新調整電池至適當位置並用調整夾固定電池。
- 將電池出線穿過電池調整夾但不要在此刻連接速度控制器電源線。(注意：每次操作完畢，請將電池與速度控制器電源線分離並取出電池。)
- 關好並扣緊電池左右側門，注意不要折壓到電源線。

⚠ Disconnect Batteries After Use
Always disconnect the batteries from the speed control when you are finished using your vehicle. The switch on the speed control only shuts off power to the receiver and servos. The speed control continues to draw power as long as it is plugged in and may overdischarge your batteries if they are left connected to the speed control.

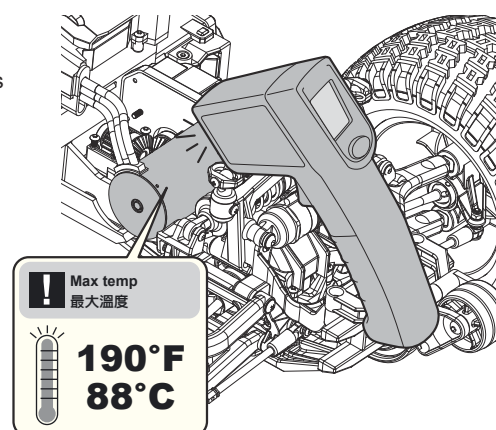
⚠ 操作完畢注意事項
請務必於每次操作完畢後解除電子速度控制器與電池的連結狀態。電子速度控制器電源開關僅只關掉接收機與伺服機的電源供應。電池內部電流消耗會因為電源線未拔離而持續且可能會因此而過度放電而導致無法預期的危險。

6 BATTERY CHART 電池使用選擇

Always adhere to the minimum and maximum battery limitations of the ESC as stated in the specification table or instruction manual. (Ni-MH battery : 6 to 14 cell , Li-PO battery: 4S to 6S). Remember your battery selection and pinion/spur gear ratio determines your maximum speed.
Refer to the battery chart and select the type of batteries suit your driving skill.

請依循電子速度控制器所規定之電池使用之上下限制 (鎳氫電池: 6-14顆, 鋰電池: 4-6節)
請注意車子的最高速度是由電池與驅動齒比的選擇組合而決定。使用者請參考下列電池表選擇適合自身操控技術的電池搭配。

Max. Speed	65 kmh	100 kmh	100 kmh & Beyond
Pinion/Spur	25 / 55	25 / 55	25 / 51 ⚠
Battery	twin 2s LiPo (4s total)	twin 3s LiPo (6s total)	twin 3s LiPo (6s total)
Nominal Voltage	14.8V	22.2V	22.2V
mAh	5000+ mAh	5000+ mAh	5000+ mAh
Skill Level	Intermediate	Pro	Pro+



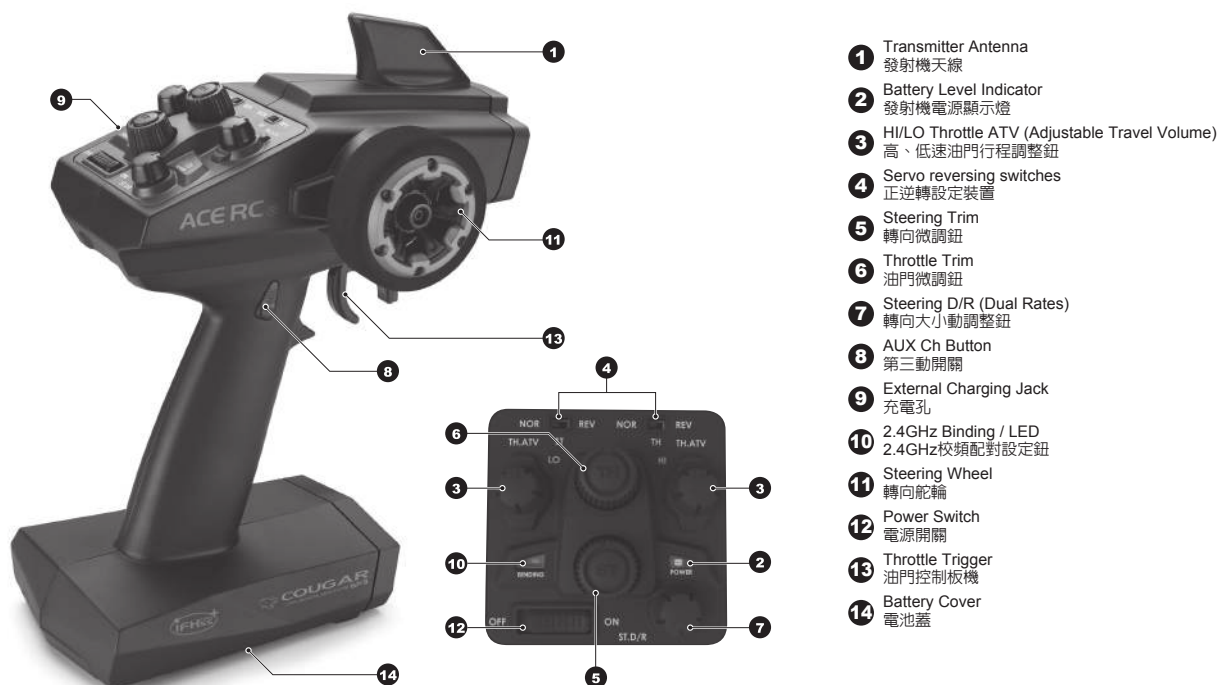
⚠ CAUTION: Read before operating your model with 25/51* ratio gearing! (*51T spur gear is included in the kit)

- The 25/51 ratio for use with 6S LiPo batteries is designed for maximum speed (100 kmh) on smooth surfaces only, with steady acceleration to full throttle.
- Avoid repetitive starting and stopping.
- Allow the motor to cool between runs, and monitor motor temperature.
- Do not use the 25/51 gear ratio for off-road running or motor overheating and damage may result.
- Do not allow the motor temperature to exceed (88° C)190° F or damage and motor failure may result.

⚠ 注意：高速齒輪比25/51*加註事項：(*51齒大齒輪為隨車附送之改裝件)

- 25/51為高速齒輪比設定，如搭配6節鋰電將可達到時速100公里以上，此速度需要非常嚴謹之操控，請務必限制在平坦寬敞之場地操作，操作時需慢慢漸進地將油門加到最大。
- 避免重複地急加速和急煞車。
- 操作期間請注意馬達溫度並於趨次之間進行降溫休息以保護馬達勿因過熱而縮短產品壽命。
- 請勿使用此25/51高速齒輪比於越野路面的操作使用，此舉可能引起馬達過熱及無法預期的損害。
- 馬達溫度請勿超過攝氏88度，否則馬達很可能因為過熱而導致退磁損壞。

7 THE ACE RC COUGAR GP3 熟悉2.4GHz電控系統



TRANSMITTER CONTROLS

- 1. Transmitter Antenna:** Built-in antenna, it is not easy broken.
- 2. Battery Level Indicator:** Green / Red LEDs indicate the battery voltage. If the Red LED flashes, please replace the batteries.
- 3. HI/LO Throttle ATV (Adjustable Travel Volume):** Provide the function to let you independently preset the maximum travel of the throttle servo either side (high / low) of neutral.
- 4. 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.
- 5. Steering Trim:** Adjusts the steering in small increments or decrements to run the model straight.
- 6. Throttle Trim:** Adjusts the throttle in small increments or decrements to shift the neutral position.
- 7. Steering D/R (Dual Rates):** Turn this knob left or right to adjust the amount of the steering dual rate. Right to increase dual rate amount and left to decrease the amount.
- 8. AUX Ch Button:** Provides an extra function for the control of the model. (for Cougar GP3 only)
- 9. External Charging Jack:** For rechargeable NiCd/NiHM battery pack on the transmitter only.
- 10. 2.4GHz Binding / LED:** The Binding button is located on the top of the 2.4GHz transmitter. For additional details, please refer to the "Binding" setting procedure (Page 6). LED indicate the RF status. The Red LED means RF function is not work.
- 11. Steering Wheel:** Control the steering of the model.
- 12. Power Switch:** Slide to turn the transmitter on or off.
- 13. Throttle Trigger:** Pull or push to control the movement of the model.
- 14. Battery Cover:** Slide cover to install or remove batteries.

發射機各部功能簡介

- 1. 發射機天線：**內建式發射機天線不容易損壞。
- 2. 發射機電源顯示燈：**二顆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。
- 3. 高、低速油門行程調整鈕：**獨立調整高、低速油門行程量功能。
- 4. 正逆轉設定裝置：**依實際使用，控制伺服機作動方向。
- 5. 轉向微調鈕：**利用此旋鈕，調整設定轉向正確中立點位置。
- 6. 油門微調鈕：**利用此旋鈕，調整設定油門正確中立點位置。
- 7. 轉向大小動調整鈕：**調整轉向伺服機的行程量。
- 8. 第三動開關：**第三動功能開關按鈕。（Cougar GP3 適用）
- 9. 充電孔：**使用充電式電池時，可利用此充電孔，進行充電工作。
- 10. 2.4GHz 校頻配對設定鈕：**2.4GHz之BINDING SW校頻配對設定鈕，為配對發射/接收頻率之用。更多功能設定方式請參考說明書第6頁“校頻配對步驟”。
- 11. 轉向舵輪：**控制車輛轉向裝置
- 12. 電源開關：**發射機電源開關
- 13. 油門控制板機：**控制車輛前進或後退的裝置
- 14. 電池護蓋：**推移電池護蓋即可取出電池進行更換。

8 BINDING PROCESS 安全校頻配對(鎖碼)

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" button on the upper side of the transmitter while turning on the transmitter.
- Release the "Binding" 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" 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 2~4 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 GP3 採用最先進的專用3動2.4GHz無限展頻遙控系統。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之 "Binding" 按鈕。
- 直按鈕旁之LED綠燈快速閃爍，再放開 "Binding" 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" 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"，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 2~4 秒執行程序。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 發射機動作	RX Action 接收機動作	LED 燈號
a	Switch On 開 / Press 按 	No Action 無須動作	—
b	Release 放開 	No Action 無須動作	TX LED : Green Flash TX 燈號：綠燈快速閃爍
c	No Action 無須動作	Switch On 開 / Press 按 	RX LED : Green/red Flash RX 燈號：綠/紅燈快速閃爍
d	No Action 無須動作	Release 放開 	TX LED: Green Flash --> Green Solid RX LED: Red Solid --> Green Solid TX 燈號： 綠燈快速閃爍 --> 綠燈亮 RX 燈號： 紅燈亮 --> 綠燈亮

9 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 active 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" button on the receiver for 10 seconds. The LED will start flashing GREEN on the receiver.

⚠ CAUTION ! Do not release the "Binding" 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" 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，強烈建議您務必啟用安全回復功能。

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。
- 按壓著接收機對頻開關，約10秒鐘後LED會變為綠色快速閃爍。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。】

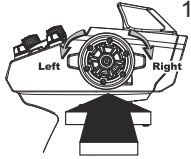
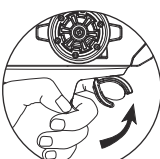
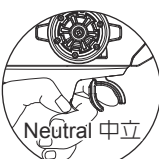
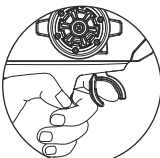
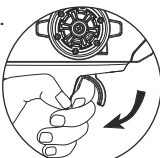
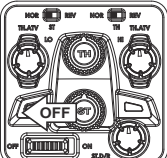
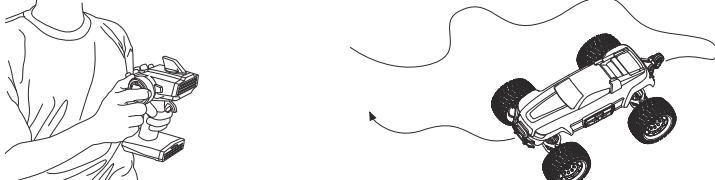
⚠ 注意！油門伺服機安全回復位置建議設定為煞車或中立點，請勿設定為油門開啓位置，以免發生危險。本系統出廠預設

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。

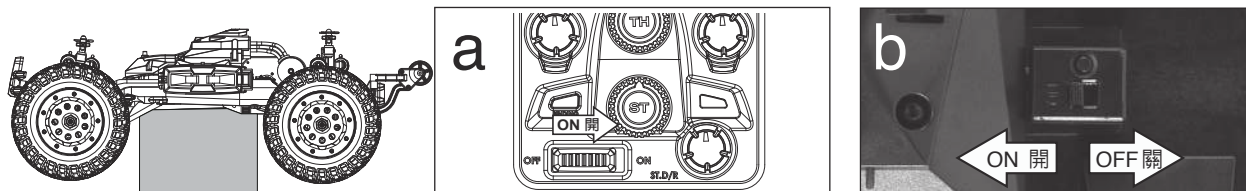
- 此時你可以放開接收機對頻鍵，然後再放開發射機油門扳機。LED會變為亮紅燈，約2秒後又回亮綠燈，此時示F/S功能已經設定完成。
- 檢查動作：
 F/S油門伺服機位置設定為中立點：將油門扳機全煞車，關掉發射機電源，檢視F/S伺服機位置動作是否轉回中立點位置。
 F/S油門伺服機位置設定為煞車：油門扳機保持中立點，關掉發射機電源，檢視F/S伺服機位置動作是否轉回煞車位置。
- 檢查無誤後，開發射機開關，然後接收機關開始操作。

⚠ 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 發射機動作	RX Action 接收機動作	LED 燈號
a	Binding Complete 完成對頻	Binding Complete 完成對頻	TX LED: Green Solid RX LED: Green Solid TX 燈號：綠燈亮 RX 燈號：綠燈亮
b	No Action 無須動作	Push for 10 Seconds 持續按10秒 Switch on Power 開啓電源 	RX LED: Green Flash RX 燈號：綠燈快速閃爍
c	1. Steering: Neutral 2. Keep brake or trigger at neutral   or 	No Action 無須動作	Pre-settings for F/S function: ■ EP Car : Steering at Neutral / ESC at Neutral 出廠預設F/S功能： ■ 電車：轉向朝前，速控器煞車
d	Release Later 後放開 	Release First 先放開 	RX LED: Red Solid-2s --> Green Solid RX燈號： 紅燈亮-2秒 --> 綠燈亮
e	1. Keep Brake 2. Switch Off 1. 保持煞車 2. 關發射機  	No Action 無須動作	F/S Function Activates F/S 安全回復功能啓用
f	OK! 		

10 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，建議請在車輪懸空的裝態下開啓系統電源，避免非預期性的暴衝。



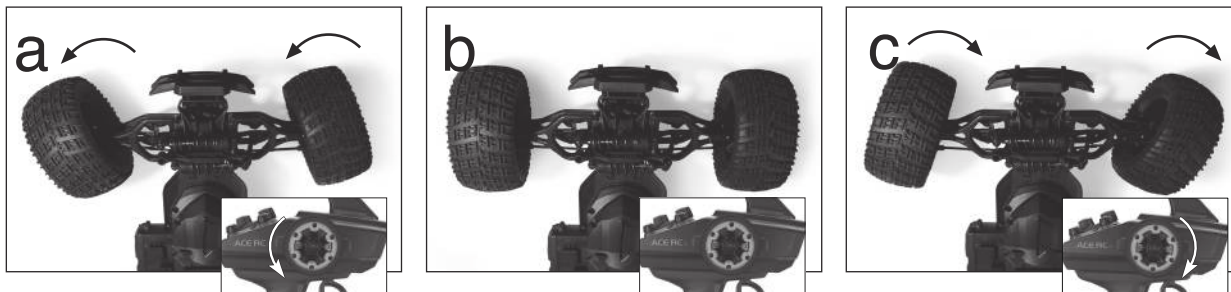
- When turning radio system on. Turn the transmitter on first, then turn on the ESC.
- When turning the radio system off. Turn the ESC off first, then turn off the transmitter.

⚠ 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。

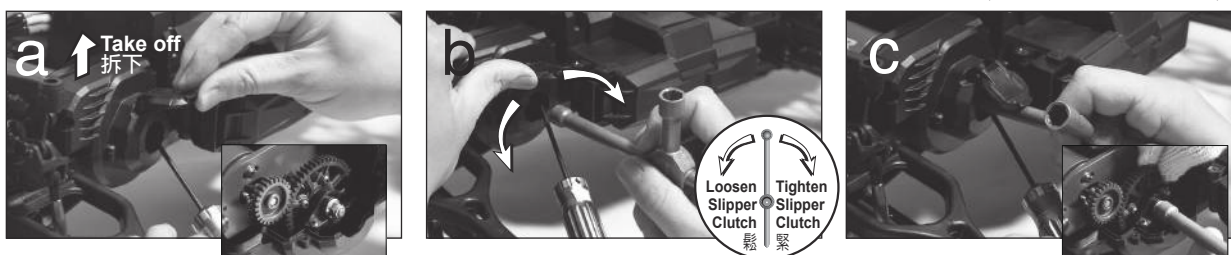
⚠ 其他注意事項請參考發射機說明書。

11 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.
- a. 確認轉向功能。打開發射機及接收機電源，方向轉左邊時，輪胎將朝左邊，若方向不一致，請調整方向的正逆轉開關。
b. 方向回中立點時，前輪應筆直向前，若有偏差，請調整方向微調旋鈕。
c. 方向轉向右邊時，前輪應轉向右邊。

12 ADJUSTING SLIPPER CLUTCH SYSTEM 限滑器(滑動離合器)



The e-MTA is equipped with an adjustable slipper clutch which is built into the large spur gear. The purpose of the slipper clutch is to regulate the amount of power sent to the wheels to prevent tire spin. When it slips, the slipper clutch makes a high-pitch, whining noise.

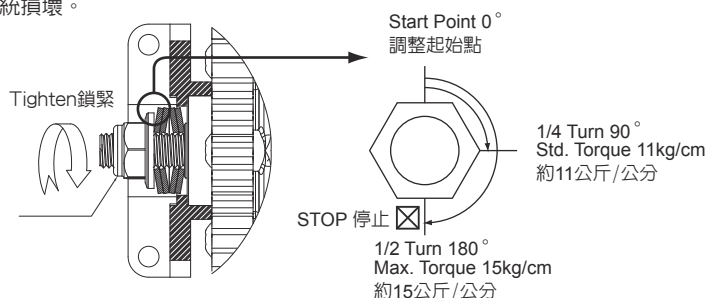
- To adjust the slipper, use a screwdriver to stop the rotation of the spur gear. For the first time adjustment, taking off the spur gear cover is necessary and convenient for observation.
- Then use the included cross wrench to hold the adjusting nut and turn clockwise to tighten or turn counter-clockwise to loosen.
- Factory Default:** Turn the adjusting nut clockwise until the nut touches the circular washer as a starting point. Turn another 1/4 turn clockwise for the factory set-up. Do not turn the slipper clutch adjusting circular washers fully compressed. The maximum slipper clutch setting is another 1/2 turn clockwise from the starting point as the nut touches the circular washer. If the slipper clutch is too tight, it may damage the drive train.

e-MTA 於大主齒外側配備可調式限滑器，而限滑器 (Slipper clutch 也叫滑動離合器)，可以讓你調整從馬達傳遞到車輪的最大的扭力，以適應低抓地力的路面。可避免車子在瞬間起動或加速時，因動力過大而產生的打滑現象。

- 你可以使用隨車所附的四向螺帽套筒調整扭力輸出大小。先使用一支螺絲起子將驅動大齒輪卡住使之無法旋轉，並將螺帽套筒置於限滑器最外端的螺帽上。第一次調整時，將齒輪蓋拆下將有助於觀察與調整。
- 順時針方向為鎖緊限滑器，逆時針為鬆開限滑器。
- 出廠調整值為螺帽旋入與盤型彈簧接觸後再鎖入約1/4圈。注意：螺帽勿鎖入超過1/2圈（與盤型彈簧接觸為起點）。當螺帽鎖入過多，將使扭力限制器無法在適當時機做動，造成傳動系統損壞。

⚠ The maximum slipper clutch setting is another 1/2 turn clockwise from the starting point as the nut touches the circular washer. If the slipper clutch is too tight, it may damage the drive train.

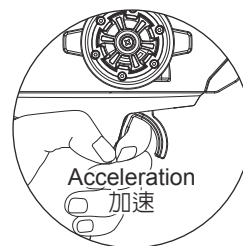
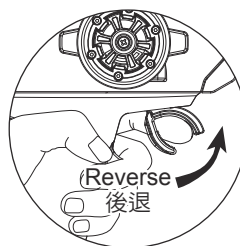
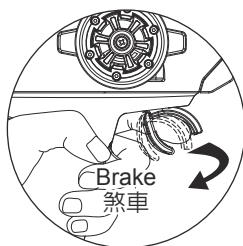
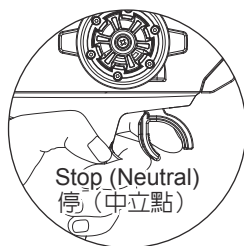
調整方式：螺帽旋入與盤型彈簧接觸後，再鎖入約1/4圈。
注意：螺帽勿鎖入超過1/2圈。當螺帽鎖入過多，將使扭力限制器無法在適當時機做動，造成傳動系統損壞。



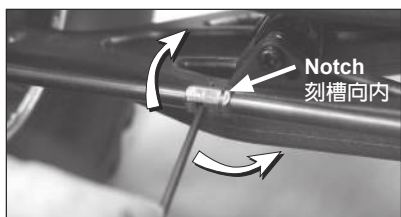
13 ADJUSTING THE ESC 速控器調整

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。

14 DRIVING BASIC 操控基本動作

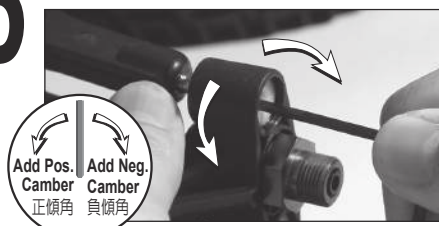


15 FRONT & REAR TOE-IN / TOE-OUT 前後輪束角調整



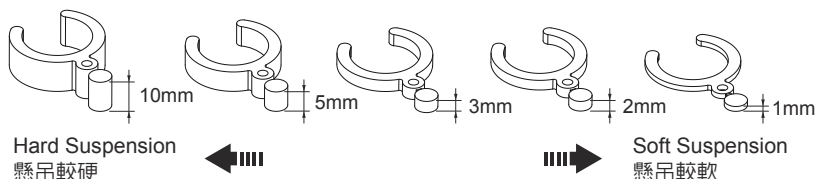
- Use a 1.5mm Allen wrench as shown to adjust the front & rear toe-in.
 - Lengthening the Turnbuckles will increase the amount of toe-in, shortening them will increase the amount of toe-out.
 - The notch on the turnbuckle indicates the side that has the right-hand thread. Use it as a guide to determine which way to turn the turnbuckle when adjusting its length.
- a. 使用1.5mm六角扳手調整前、後輪束角。
b. 增長螺距將會增加內束角角度；縮短螺距將會增加外束角角度。
請參照本說明調整您愛車前、後輪的傾角。

16 FRONT & REAR CAMBER 前後輪傾斜角調整



- Use a 2.5mm Allen wrench as shown to adjust the front & rear camber.
 - Turning the upper pivot ball clockwise increases camber towards the negative side; turning it counter-clockwise increases camber towards the positive side.
- a. 使用2.5mm六角扳手調整前、後輪傾斜角（如圖示）。
b. 調整上輪軸球頭順時針旋轉將增加負傾斜角；反之，將增加正傾斜角。
請參照本說明調整您愛車前、後輪的傾角。

17 SHOCK ADJUSTMENT 避震器懸吊調整



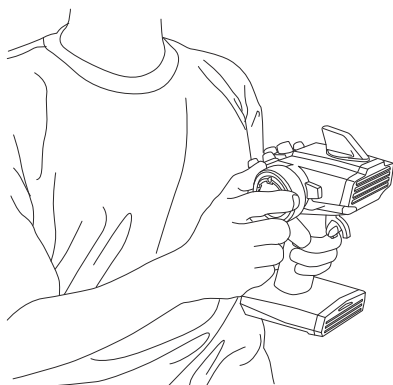
- The truck ride height can be increased by adding preload clips to the shocks. Removing preload clips will decrease the ride height.
 - Compress the spring and insert the preload clips between the spring collar and the shock body flange.
- a. 車身高度可利用避震器調整墊片改變。增加調整墊片可增加車高；反之則降低車高。
b. 安裝或拆卸墊片時，請壓縮避震器彈簧再置入或取出墊片即可。

18 MAINTENANCE AFTER RUNNING 車體保養

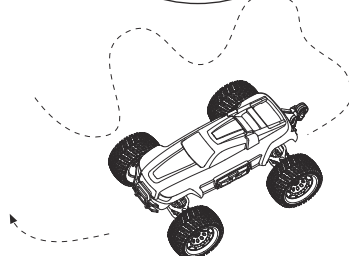
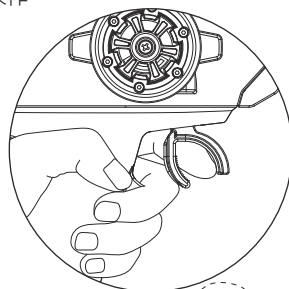
- Always turn off the radio system and disconnect the battery pack when the car is not in use.
 - Remove sand, mud, dirt, and any other elements before storing the car.
 - Never use chemicals or any solvents to clean the chassis as it may cause damage to the electronics components and plastic parts. Use compressed air, soft paintbrush, or toothbrush to clean dust and dirt.
- a. 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。
b. 清潔車體上所沾附之沙塵、泥屑。
c. 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，搭配軟毛刷來請清理車體上所沾附之沙塵、泥屑。

19 DRIVING TIPS 操控的小技巧

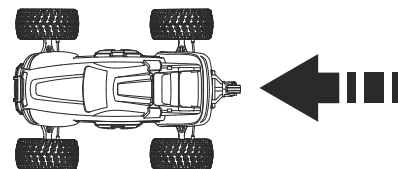
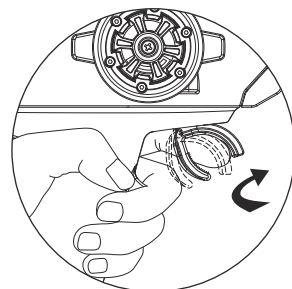
- a. Hold your elbows in and keep the transmitter antenna pointing straight up.
a. 手持發射機時請將雙肘靠緊身體並保持發射機天線朝上。



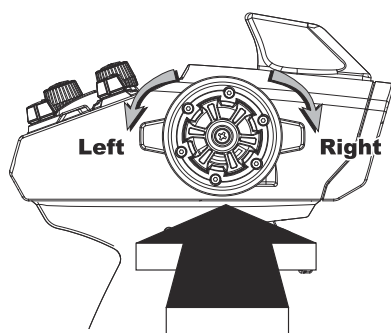
- b. Squeeze the throttle trigger or pull the throttle stick gently and steer the car to left and right.
b. 開始操控前按扣油門板機(油門拉)時請緩慢增加油門並試著熟悉前輪轉向操作。



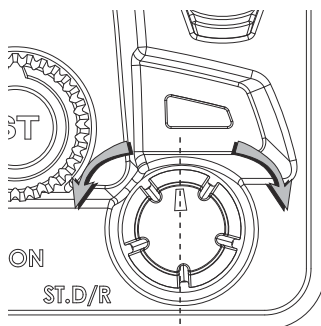
- c. Squeeze the throttle trigger and release. Repeat this action to control car speed.
c. 學者請先熟悉油門操控再慢慢加快車子行進速度。



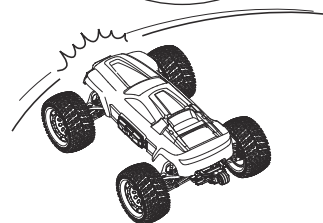
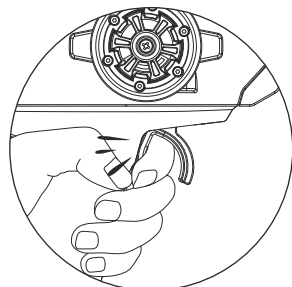
- d. If you are of unsure of the steering direction, practice with the transmitter facing towards you.
d. 假設你不確定發射機的轉向，將發射機轉輪面向自己，先熟悉左右轉向。



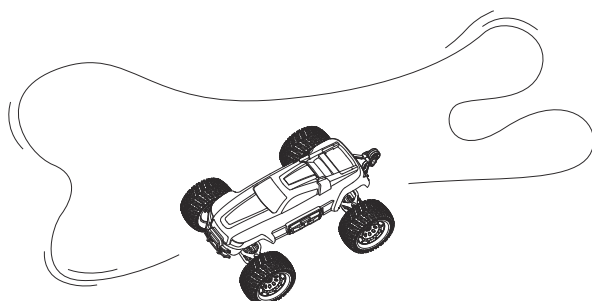
- e. At first, set the steering D/R function for less steering response.
e. 學者可參考發射機說明書調整D/R功能，以避免轉向太過靈活不易操控。



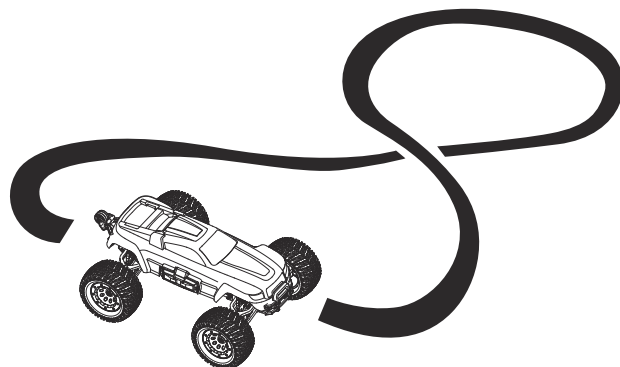
- f. Be careful not to squeeze the throttle trigger abruptly while steering.
f. 轉向時請勿將油門全開以避免速度過快導致失控翻覆。



- 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 常見問題與解決方法

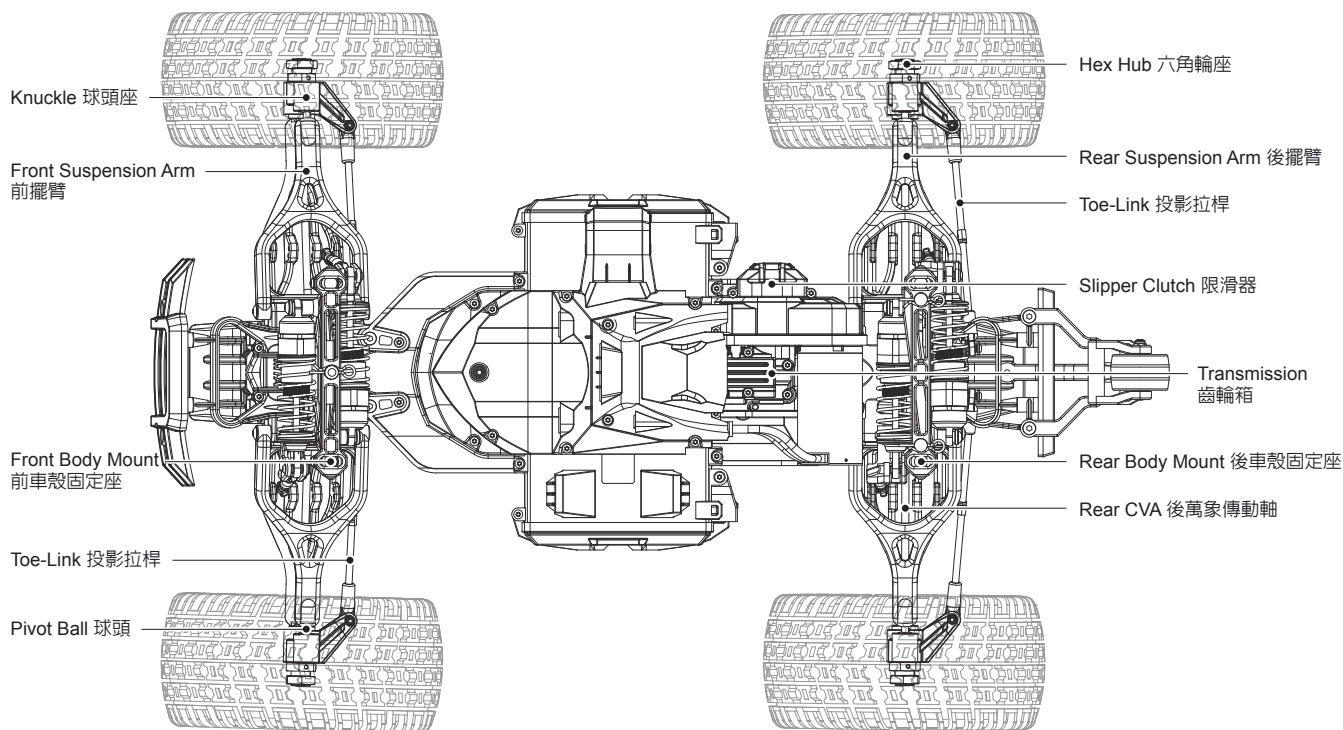
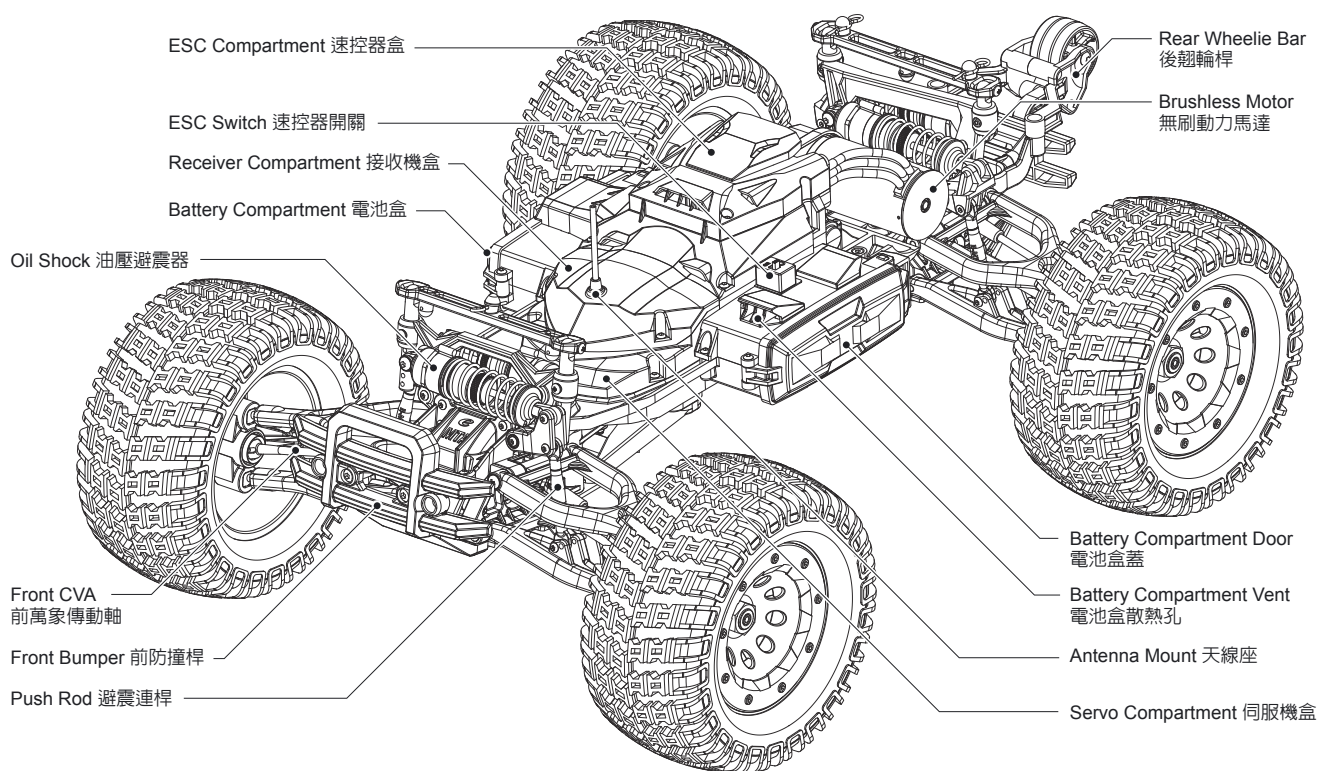
If you have trouble starting or keeping your e-MTA running, here's a quick checklist of what to look for first.

如果您的 e-MTA 有行駛上的問題，您可以參考下的說明。

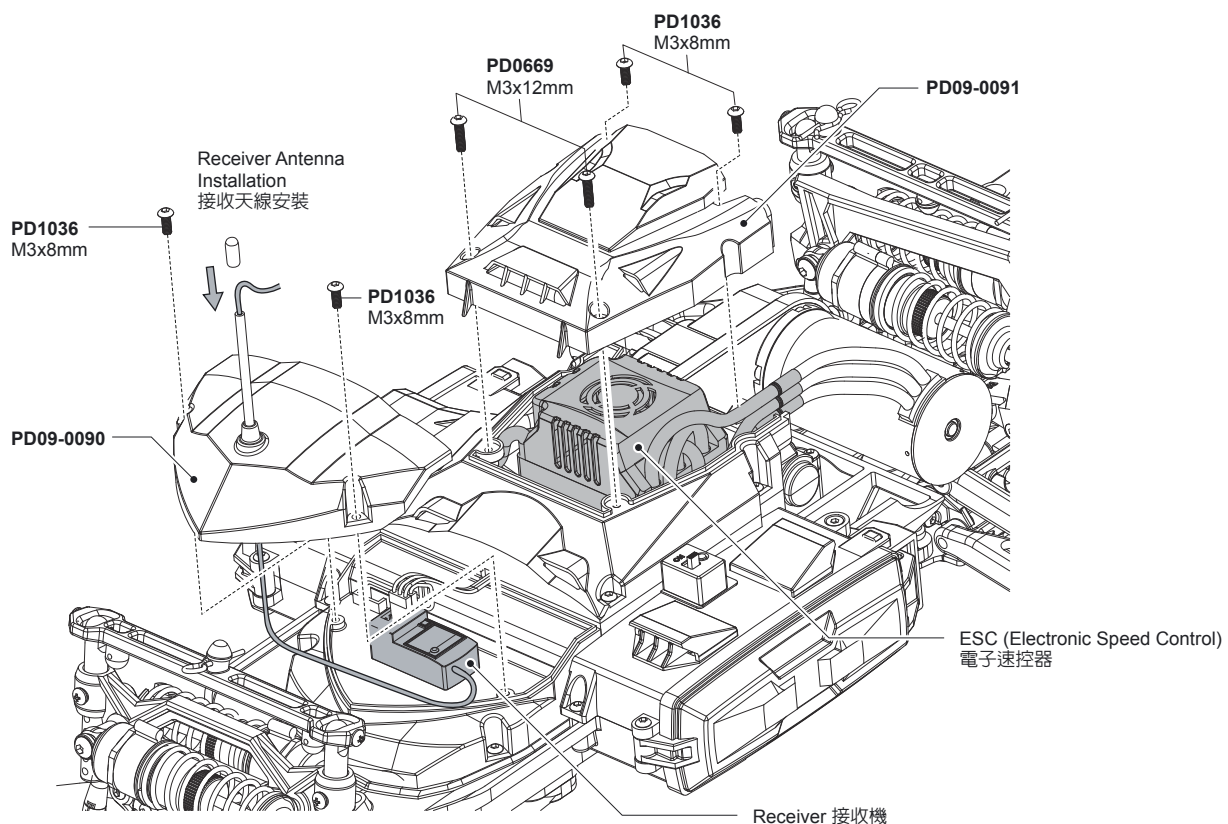
如果問題無法解決，請與購買經銷商聯絡。

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 ESC unit 將連接電線接上速控器 Free up steering linkage 排除可能的干涉（卡）的零件部 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 / 放開發射機油門板機，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 / 轉向的反轉開關是否反轉？

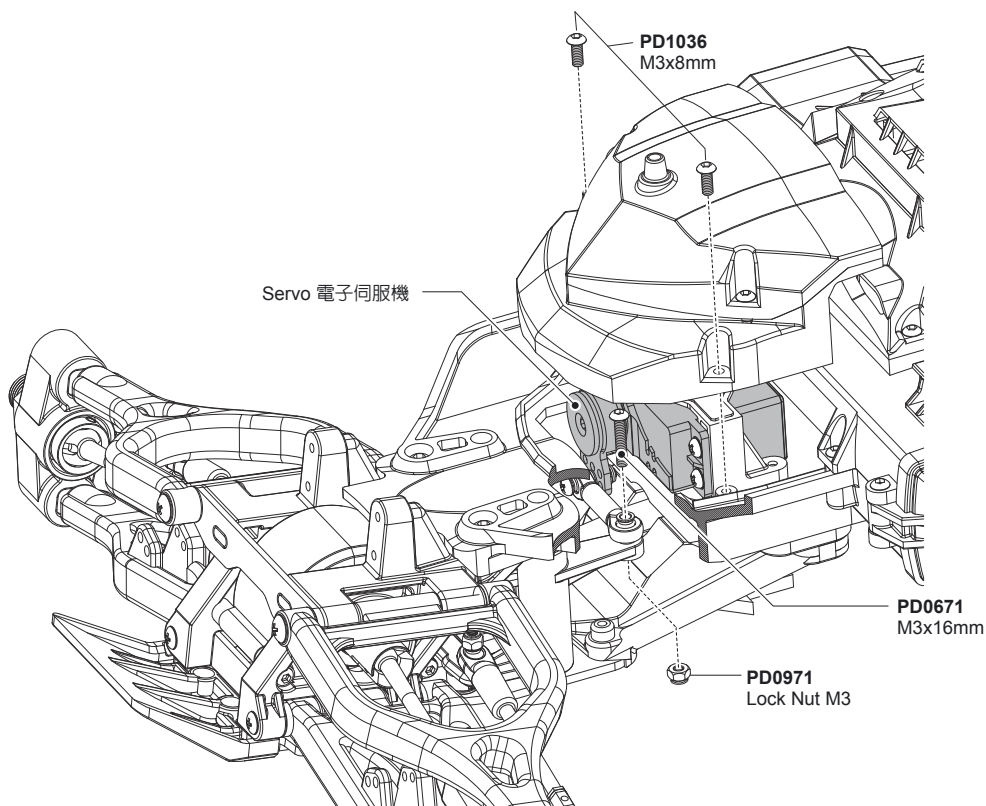
Product Overview 產品概要



Radio and ESC Maintenance 遙控及電子速控器維修

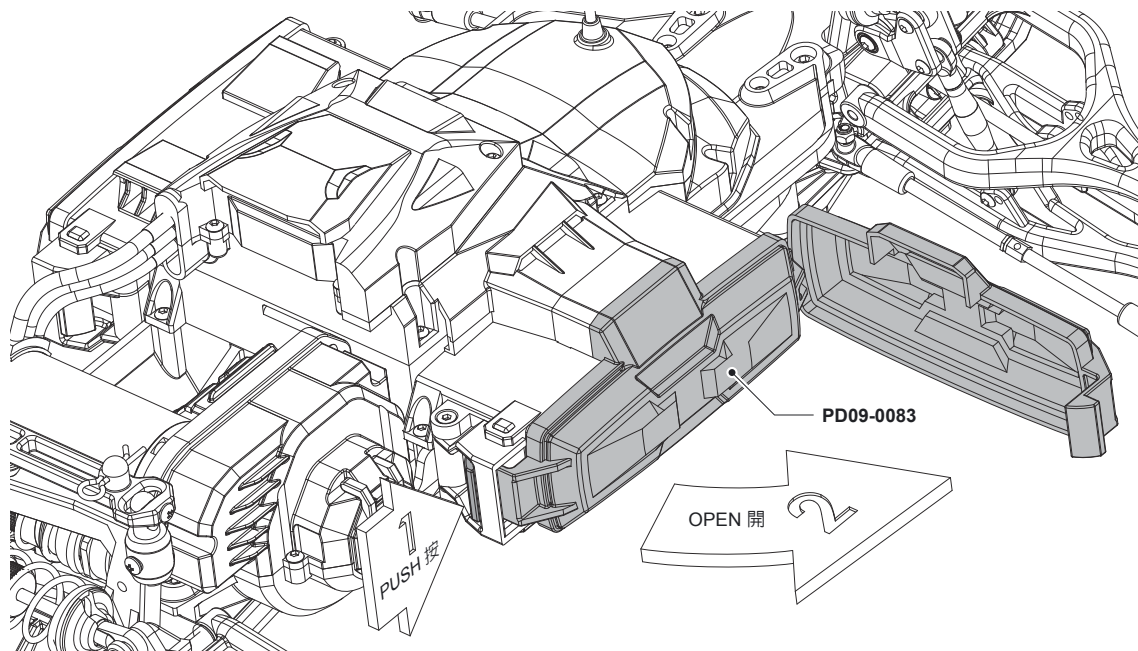
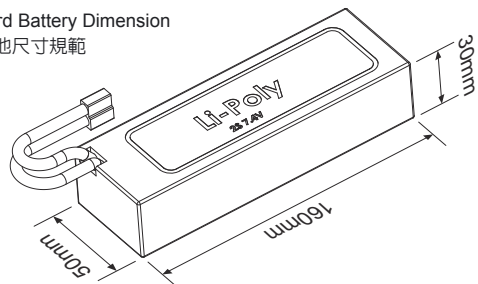


Servo Maintenance 電子伺服機維修

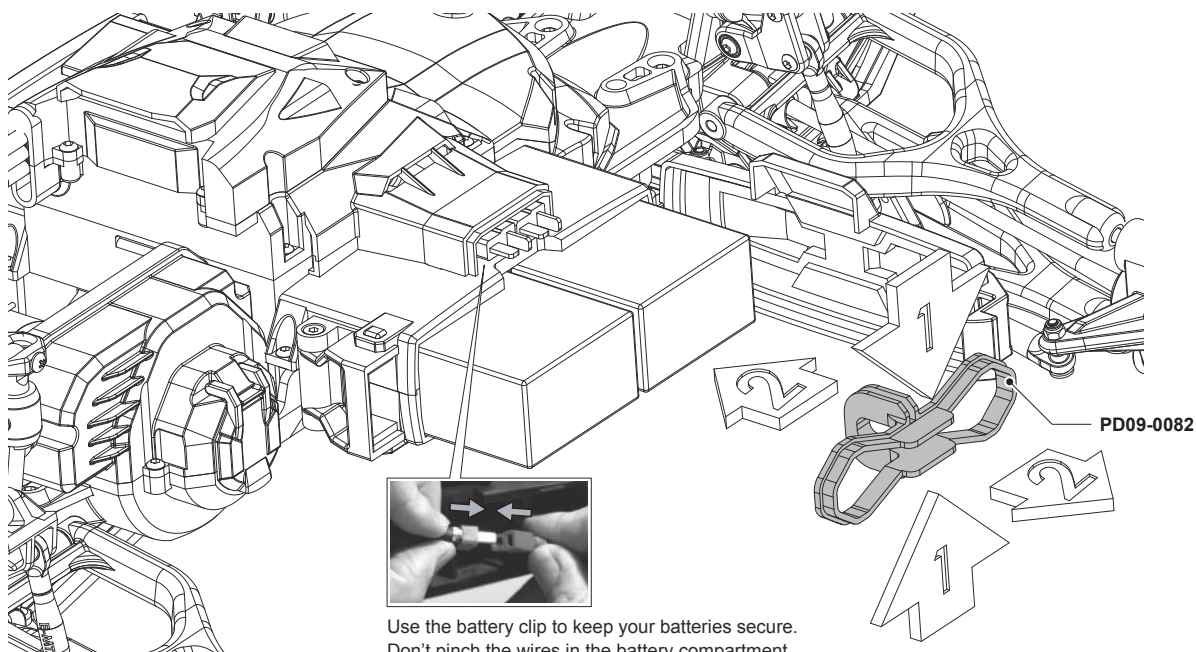


Battery Installation 電池安裝

Standard Battery Dimension
標準電池尺寸規範



Make sure the ESC is turned off before connecting the battery.
接通電源前，請先確認控制器處於關閉狀態。

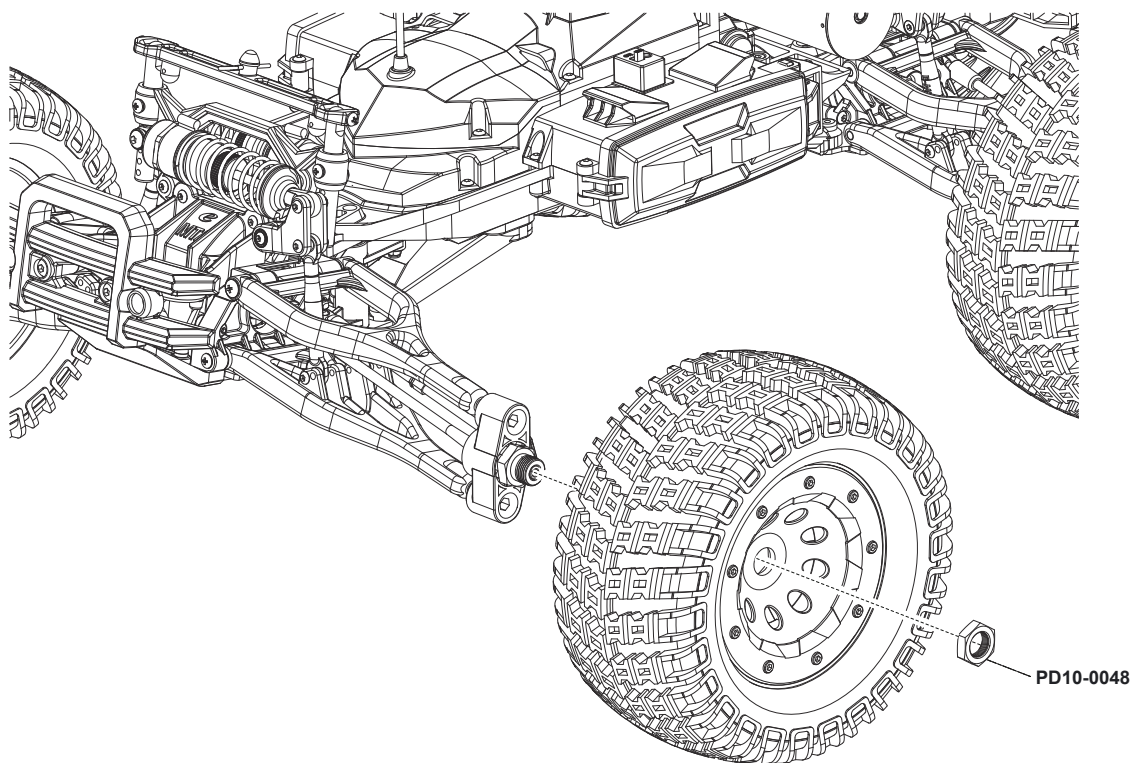


Use the battery clip to keep your batteries secure.
Don't pinch the wires in the battery compartment.

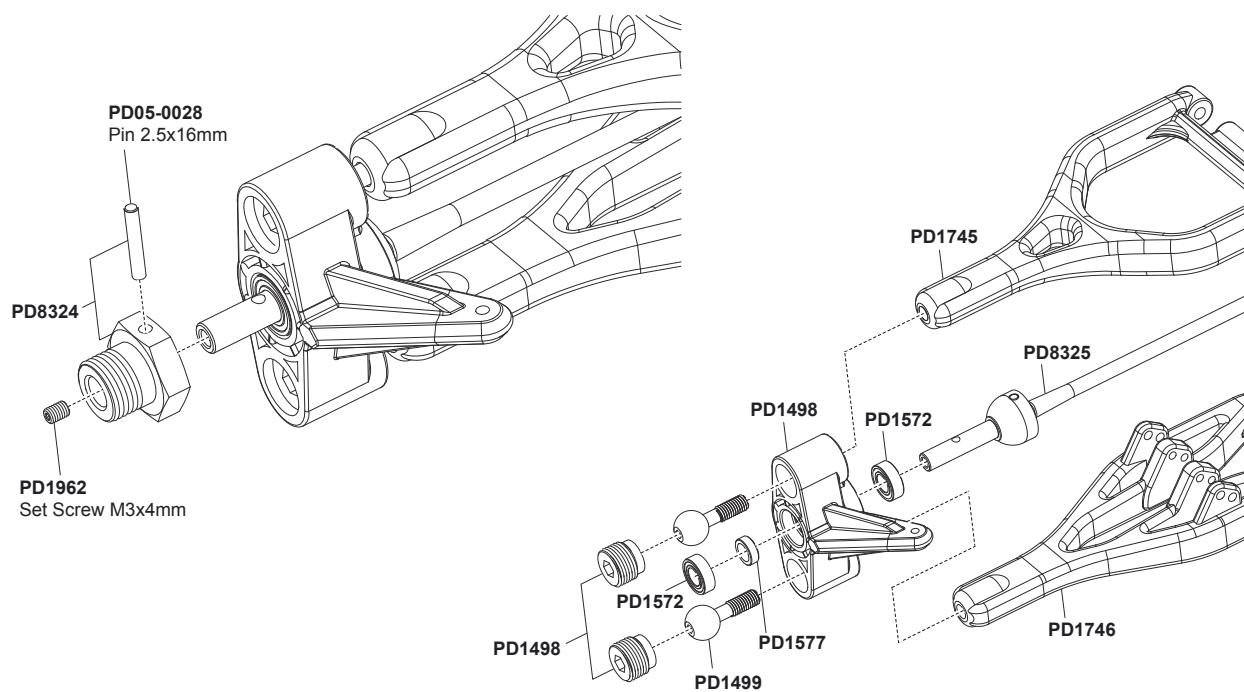
使用電池調整夾固定電池
關閉電池盒蓋時，請勿壓折到電源線。

Wheel Maintenance 輪胎維修

STEP1 Wheel Installation 安裝輪胎

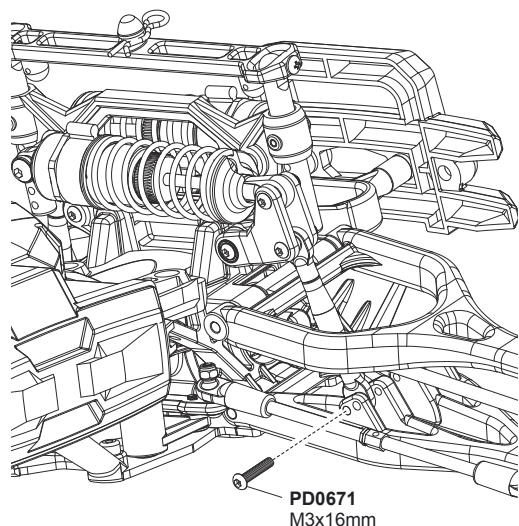


STEP2 Pivot Hub Carrier Maintenance 球頭輪座維修

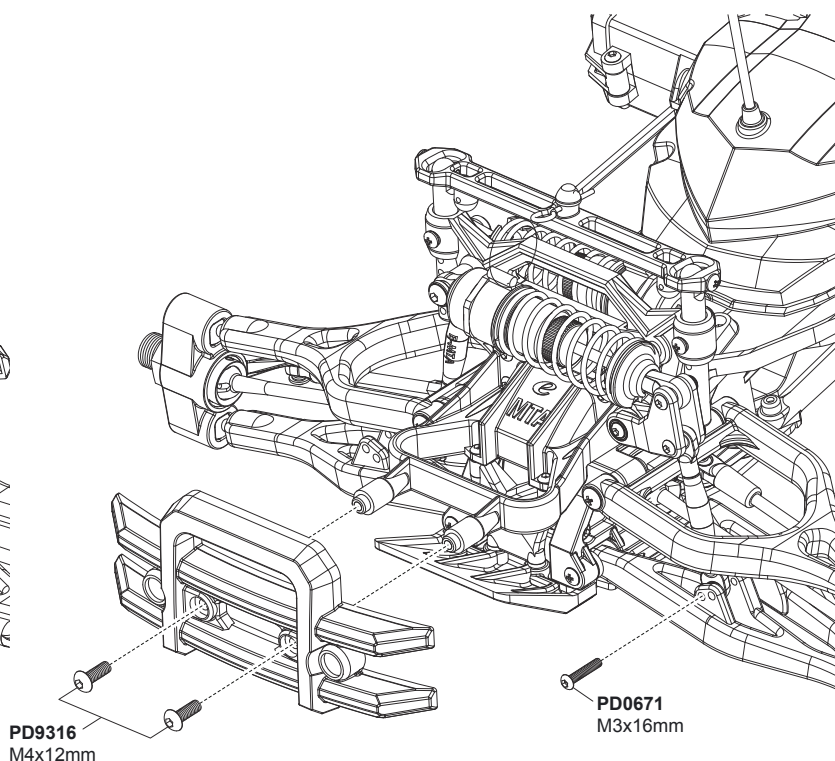


Front Suspension Maintenance 前懸吊維修

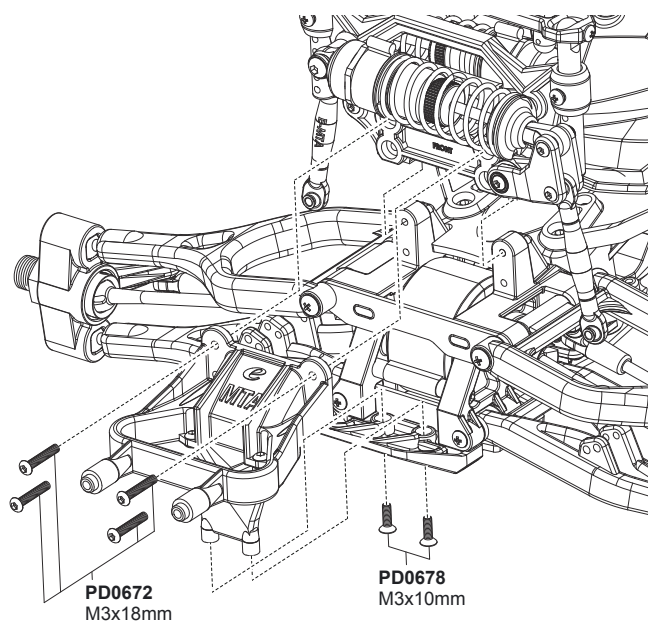
STEP1



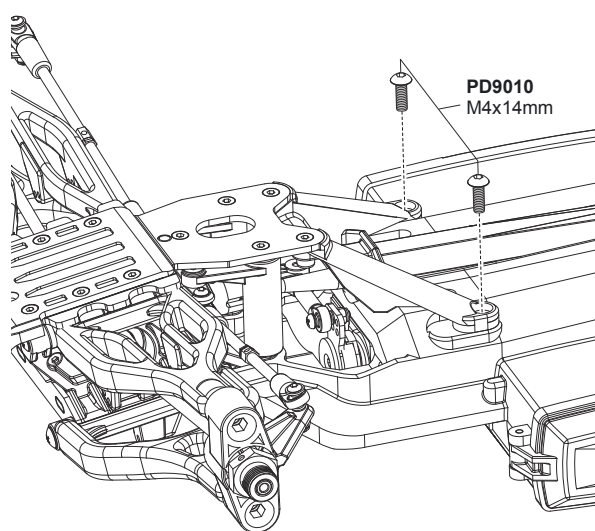
STEP2



STEP3

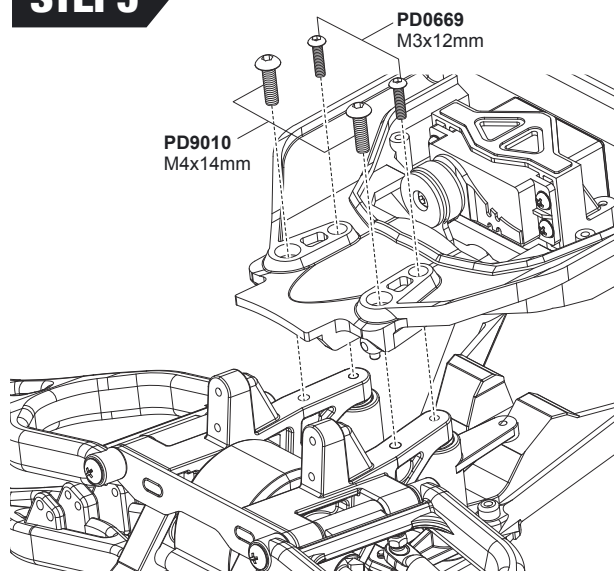


STEP4

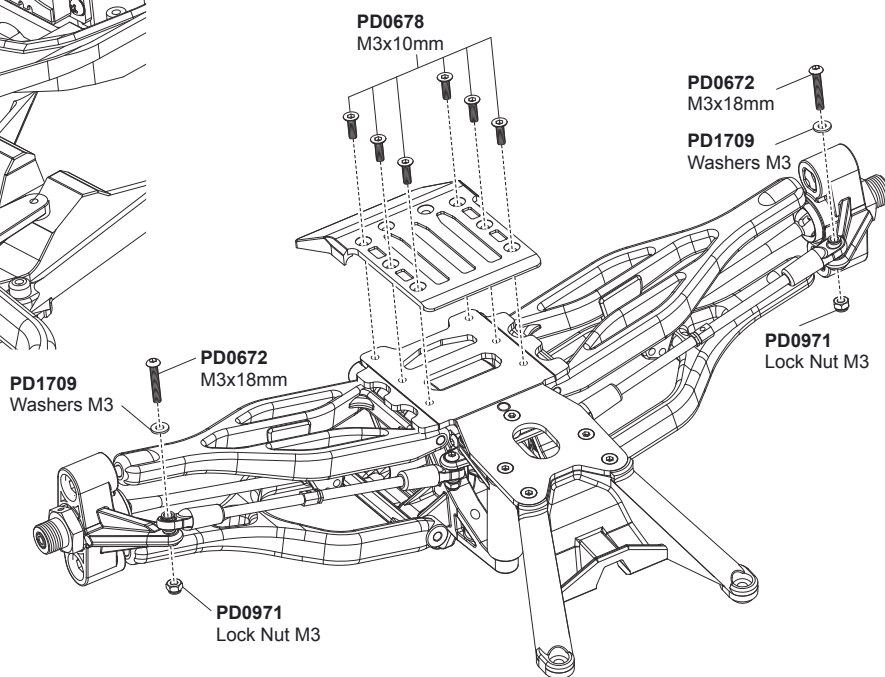


Front Suspension Maintenance 前懸吊維修

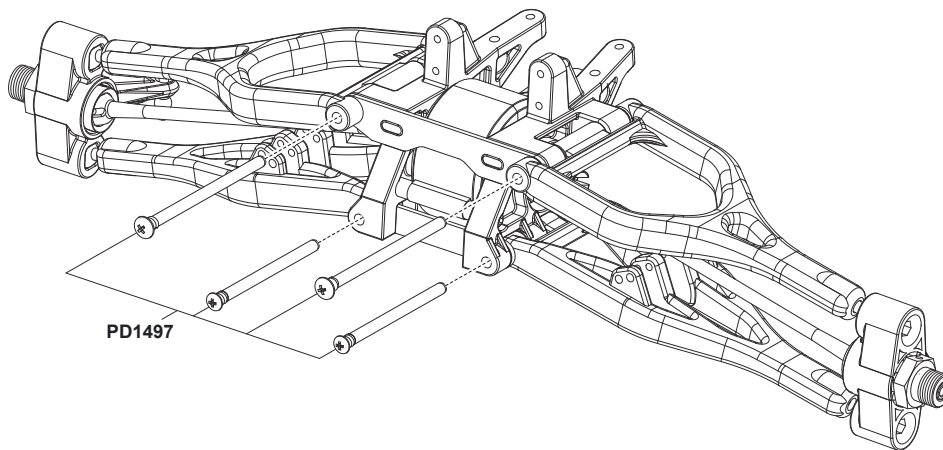
STEP5



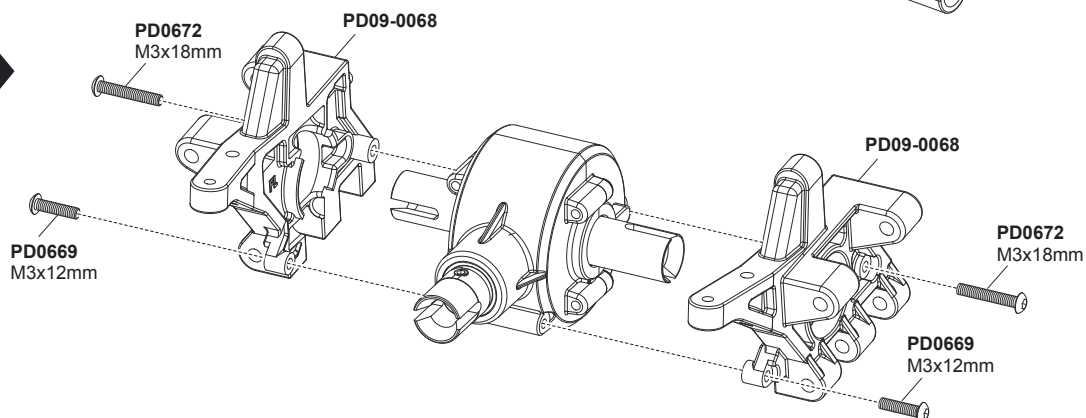
STEP6



STEP7

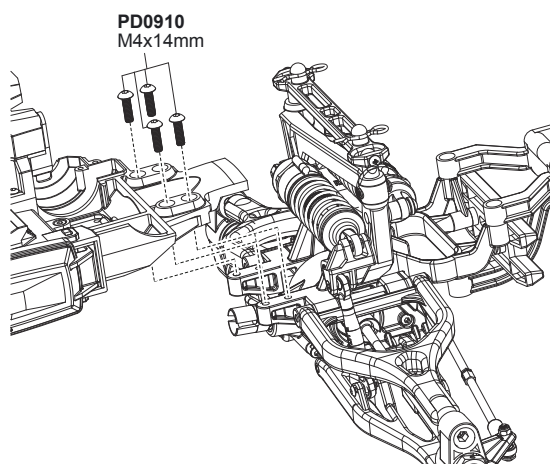


STEP8

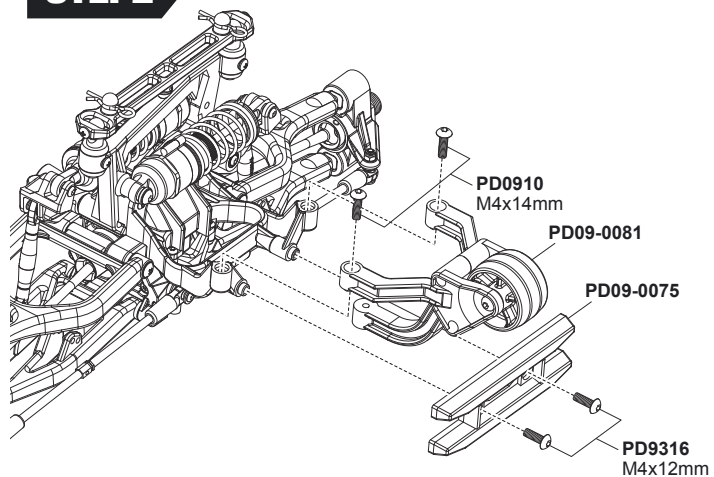


Rear Suspension Maintenance 後懸吊維修

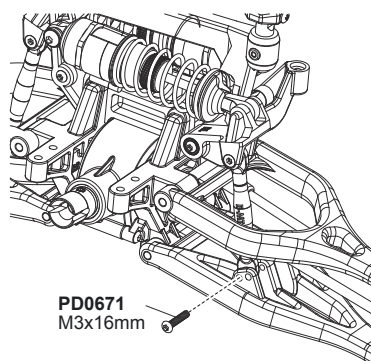
STEP1



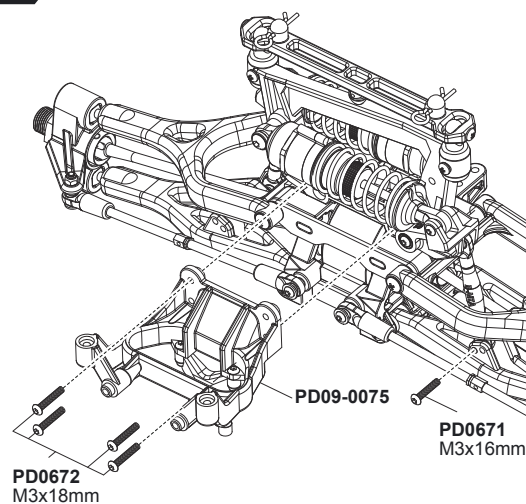
STEP2



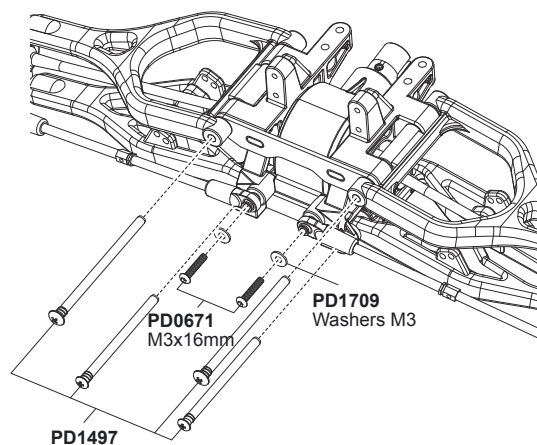
STEP3



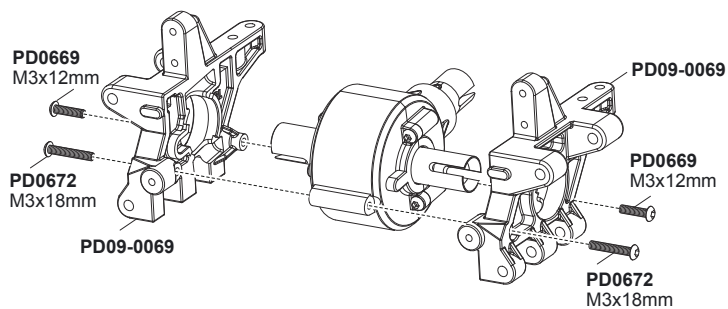
STEP4



STEP5

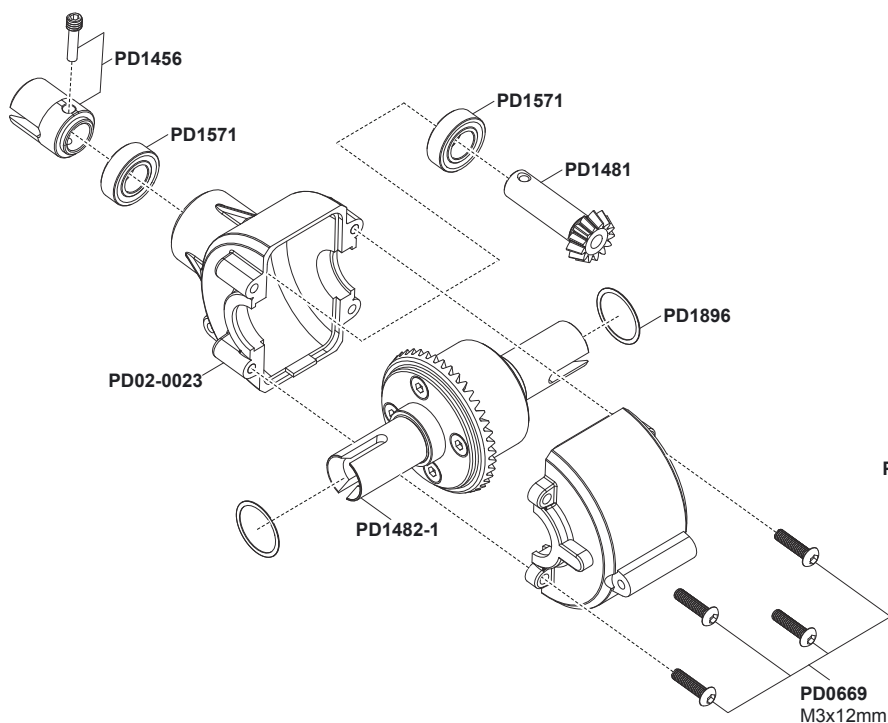


STEP6

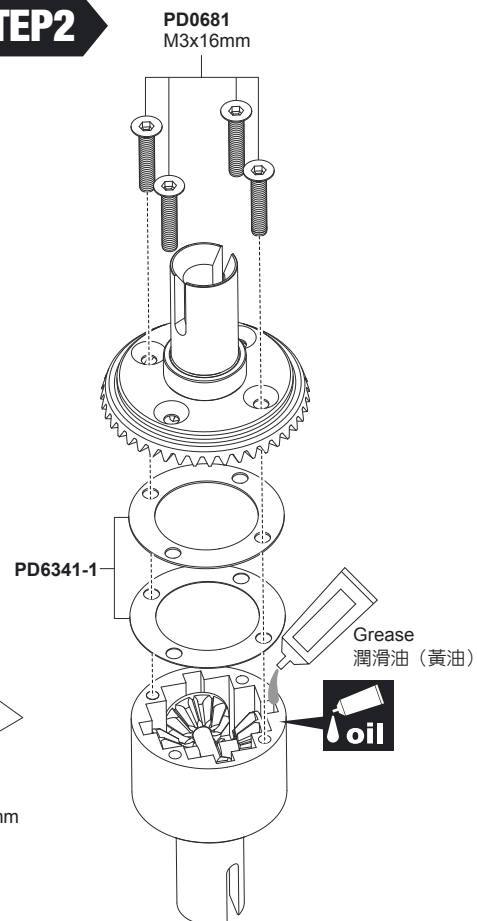


Differential Maintenance 差速維修

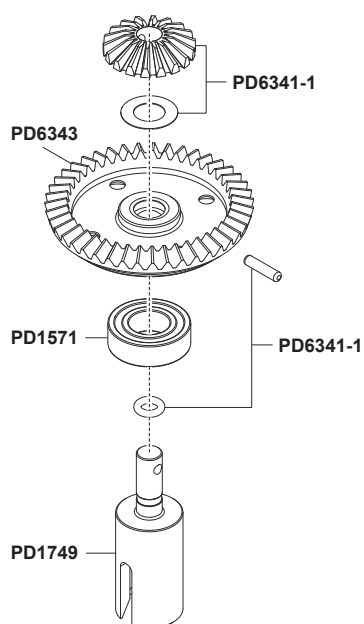
STEP1



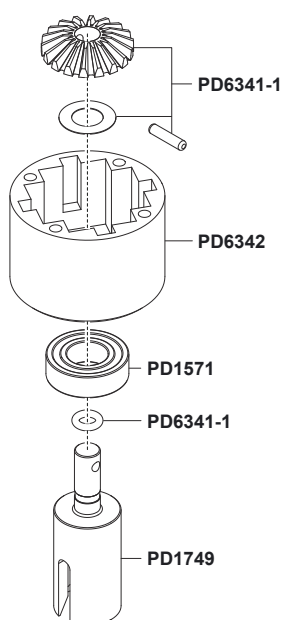
STEP2



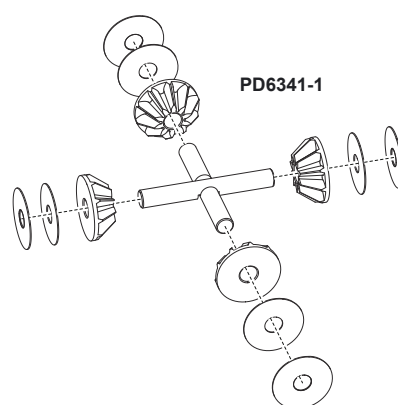
STEP3



STEP4



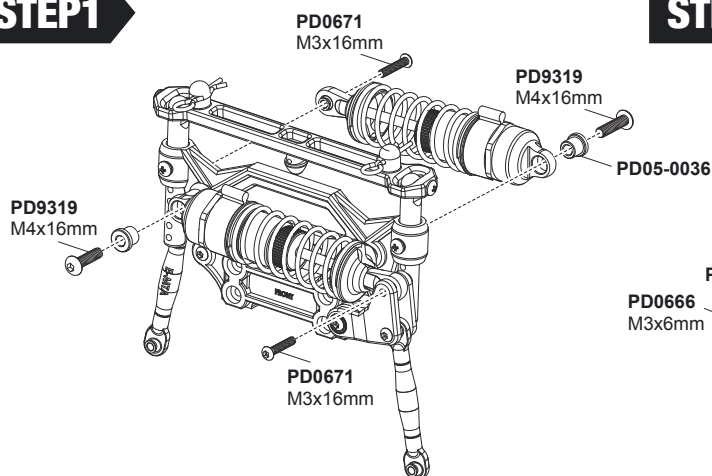
STEP5



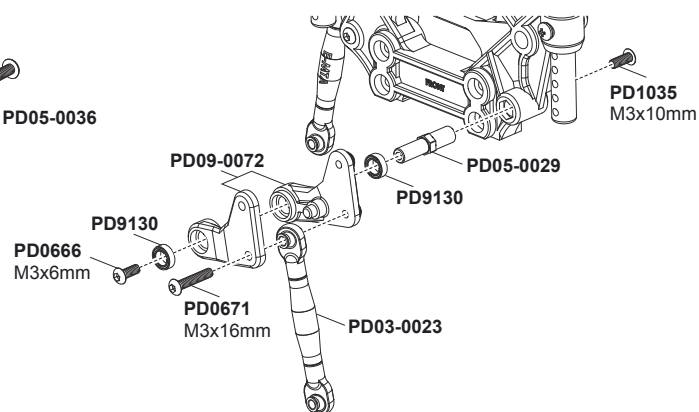
Shock Maintenance 避震組維修

Front Shock & Push Rod / Rocker Arm 前避震器及推桿 / 搖臂

STEP1

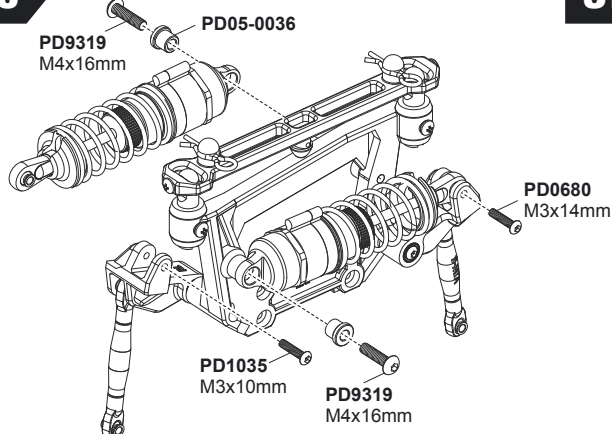


STEP2

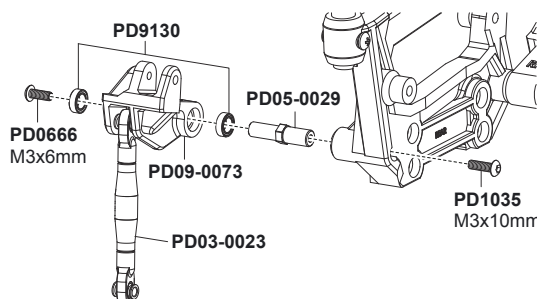


Rear Shock & Push Rod / Rocker Arm 後避震器及推桿 / 搖臂

STEP3

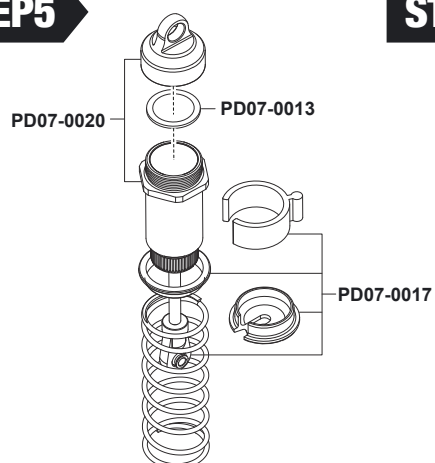


STEP4

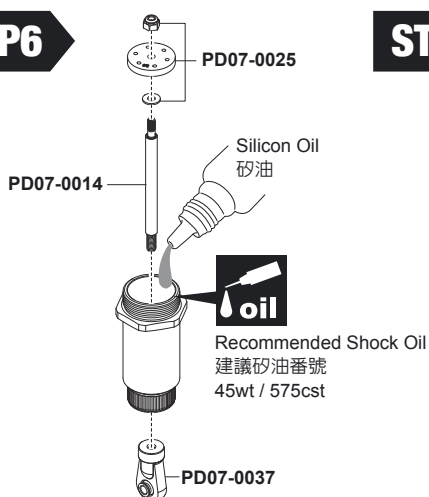


Shock Assembly 避震器組裝

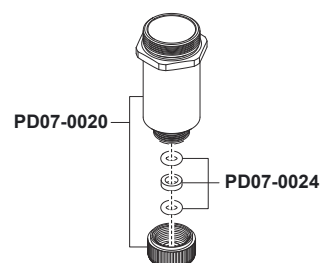
STEP5



STEP6



STEP7

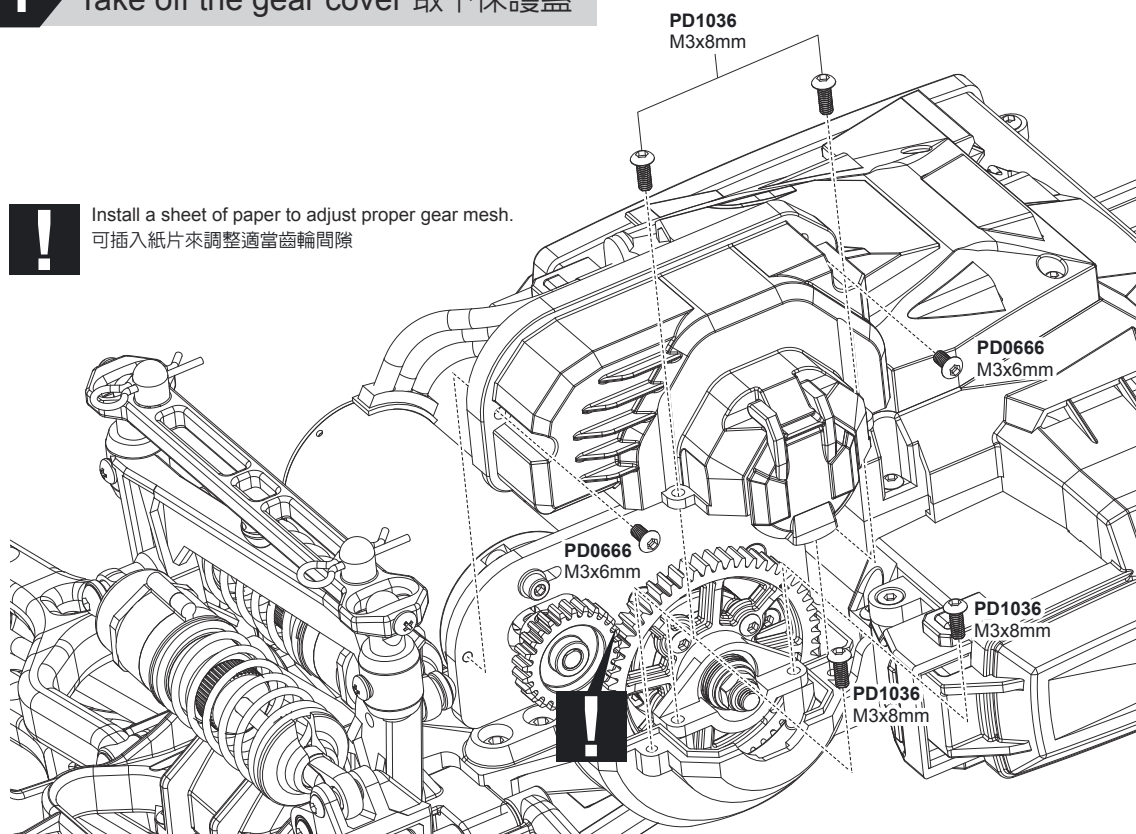


Slipper Clutch Maintenance 限滑器維修

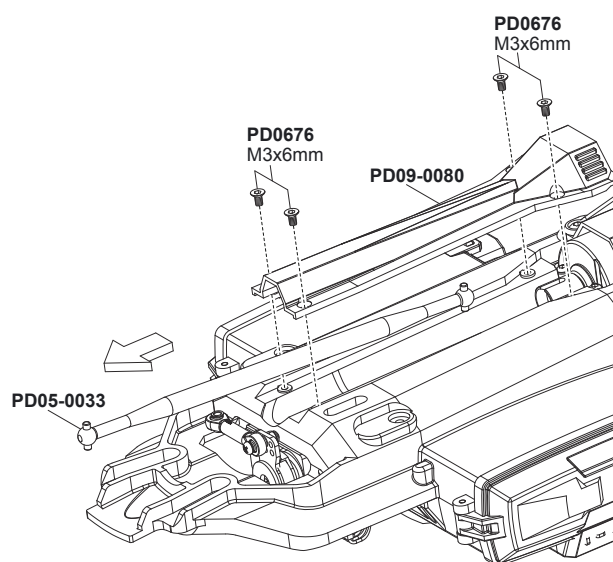
STEP1 Take off the gear cover 取下保護蓋



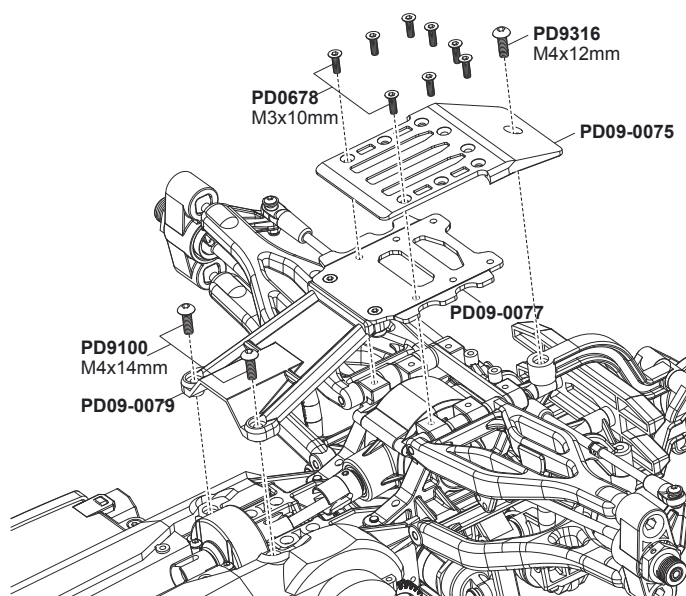
Install a sheet of paper to adjust proper gear mesh.
可插入紙片來調整適當齒輪間隙



STEP2 Take off the center drive shaft 取下中傳軸



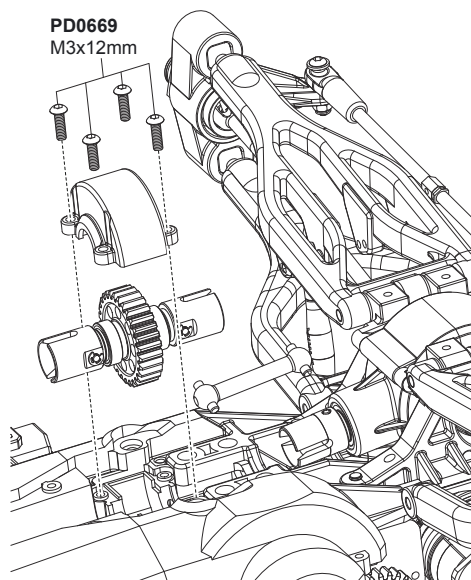
STEP3 Take off the rear chassis brace & skidplate 取下後底板護蓋



Slipper Clutch Maintenance 限滑器維修

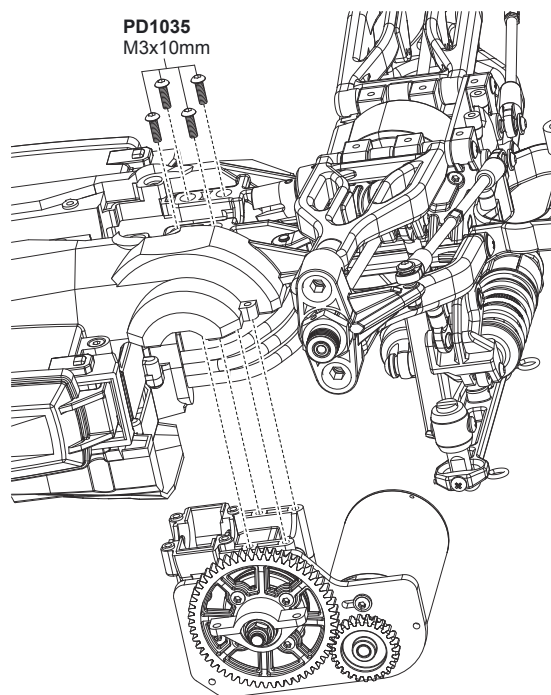
STEP4

Take off the center drive gear
取下中央傳動組

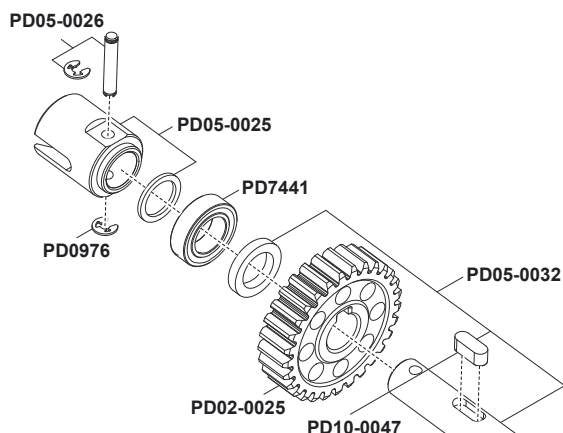


STEP5

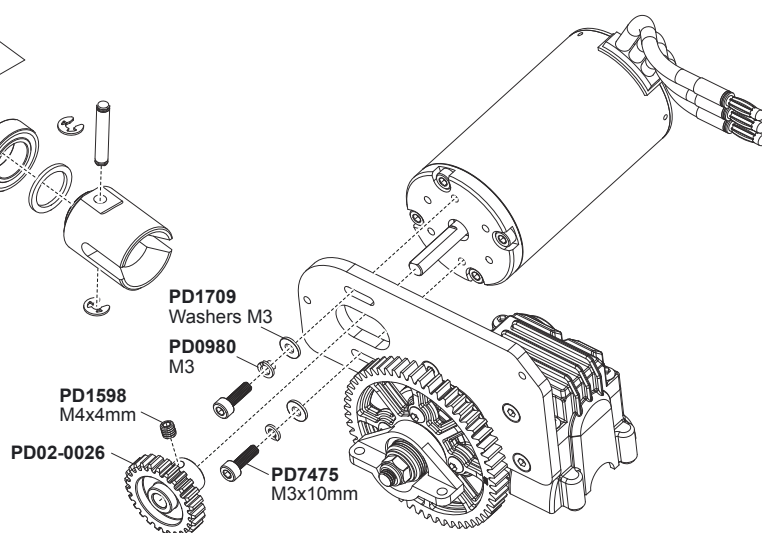
Take off the transmission case & motor
mount 取下齒輪組及馬達固定座



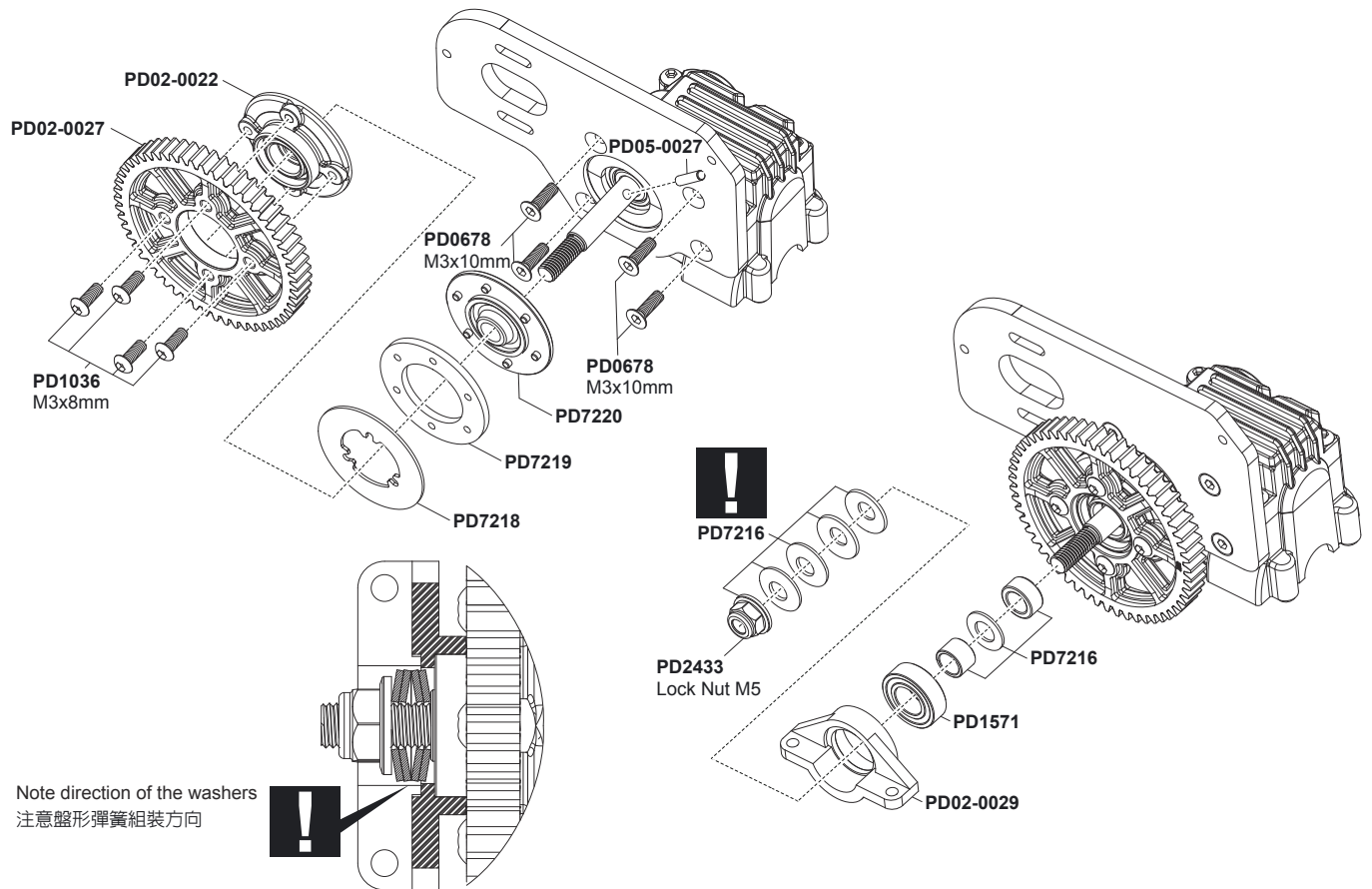
Center Drive Gear Assembly 中央傳動齒組裝



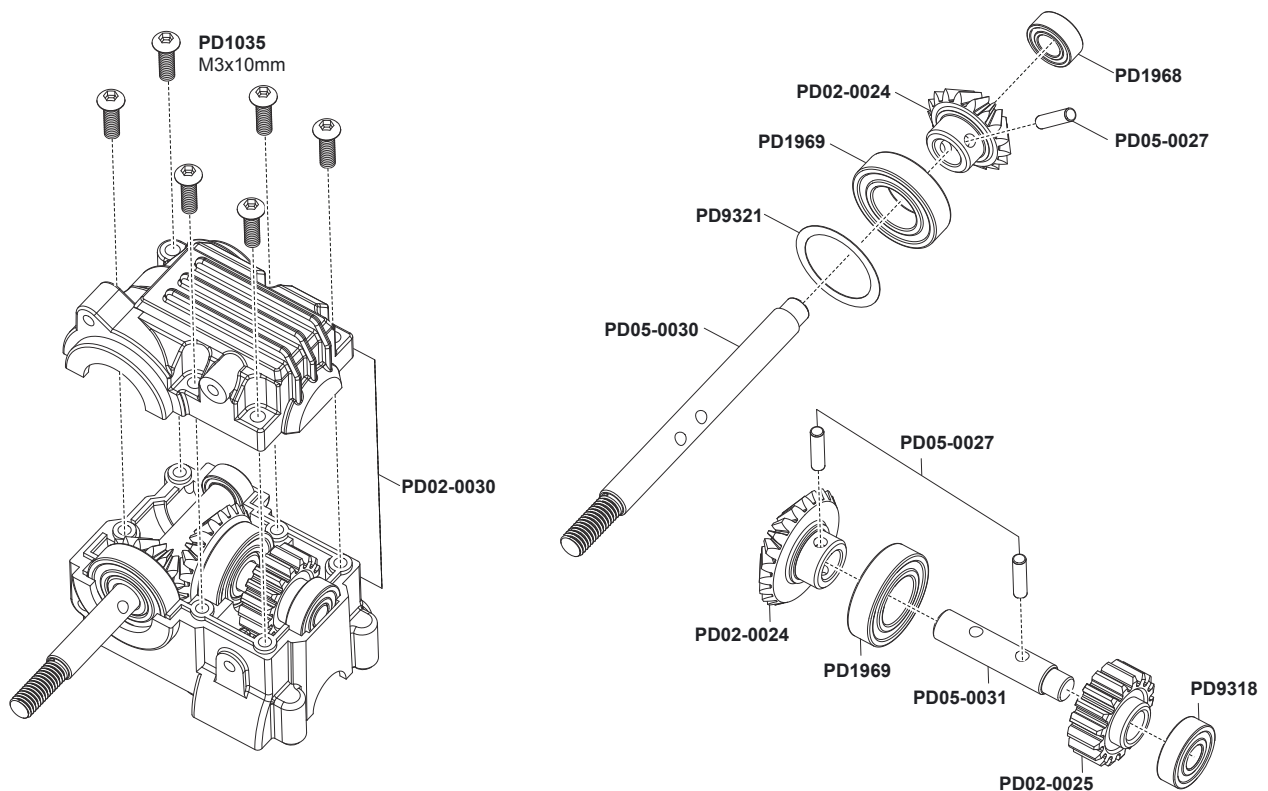
Motor & Pinion Gear Assembly 驅動齒與馬達組裝



Slipper Clutch Assembly 限滑器組裝



Transmission Assembly 齒輪箱組裝



FRONT ASSEMBLY

This diagram illustrates the front assembly of a vehicle, showing the relationship between various components and their assembly order. The components are labeled with part numbers and letters (A, B, C, D, E, F, G) indicating the sequence of assembly.

Front Shock Tower Assembly

- PD09-0072
- PD09-0070
- PD1536
- PD1517
- PD05-0036
- PD9319
- PD0666
- PD9130
- PD05-0029
- PD1035
- PD0671

Push-Rod Assembly

- PD9320
- PD1961
- PD03-0023

Front Suspension Assembly

- PD0671
- PD1497
- PD03-0024
- PD03-0025
- PD0971
- PD1497
- PD9320
- PD0671
- PD0971
- PD9320
- PD0671
- PD09-0074
- PD0678
- PD0677

Front Turnbuckle Assembly

- PD1504
- PD1503
- PD1504

Front Damper Assembly

- PD07-0025
- PD07-0018
- PD07-0013
- PD07-0055
- PD07-0014
- PD07-0020
- PD07-0024
- PD07-0017
- PD07-0055
- PD9320

Boltrank Assembly

- PD06-0013
- PD06-0012
- PD06-0012
- PD09-0076
- PD0677
- PD0678

Front Bulkhead Assembly

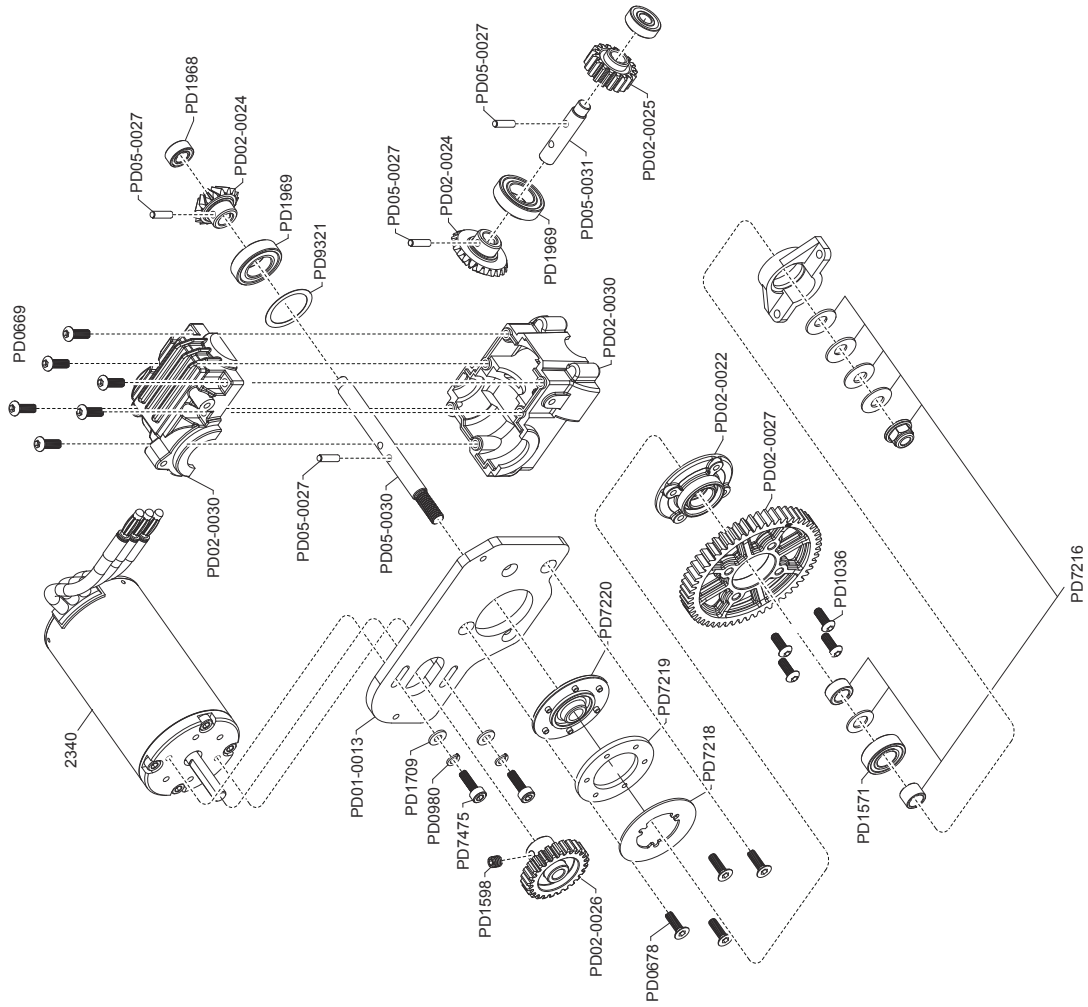
- PD1465
- PD1571
- PD02-0023
- PD0669
- PD0672
- PD09-0068
- PD1571
- PD1481
- PD1896
- PD02-0023
- PD0669
- PD1482-1
- PD09-0068

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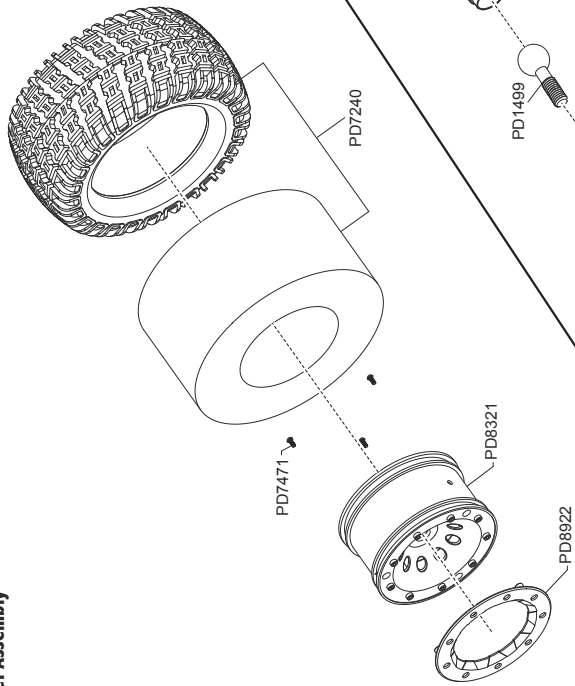
[illegible]

Specifications on this page are subject to change without notice. In no event will Thunder Tiger be held responsible for typographical or other errors.

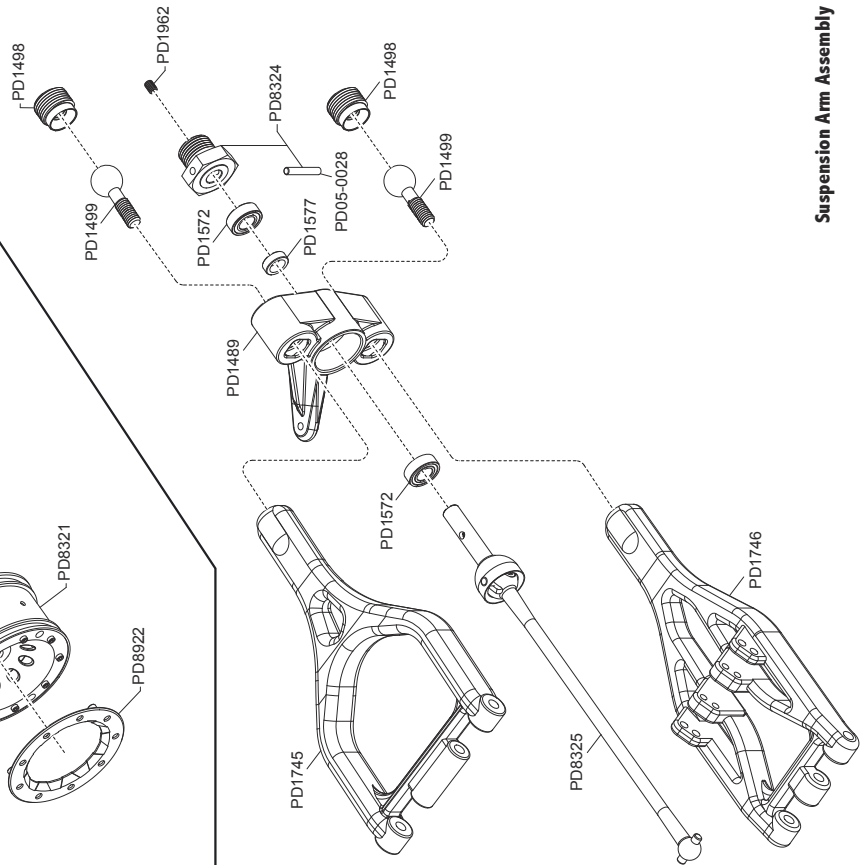
TRANSMISSION ASSEMBLY



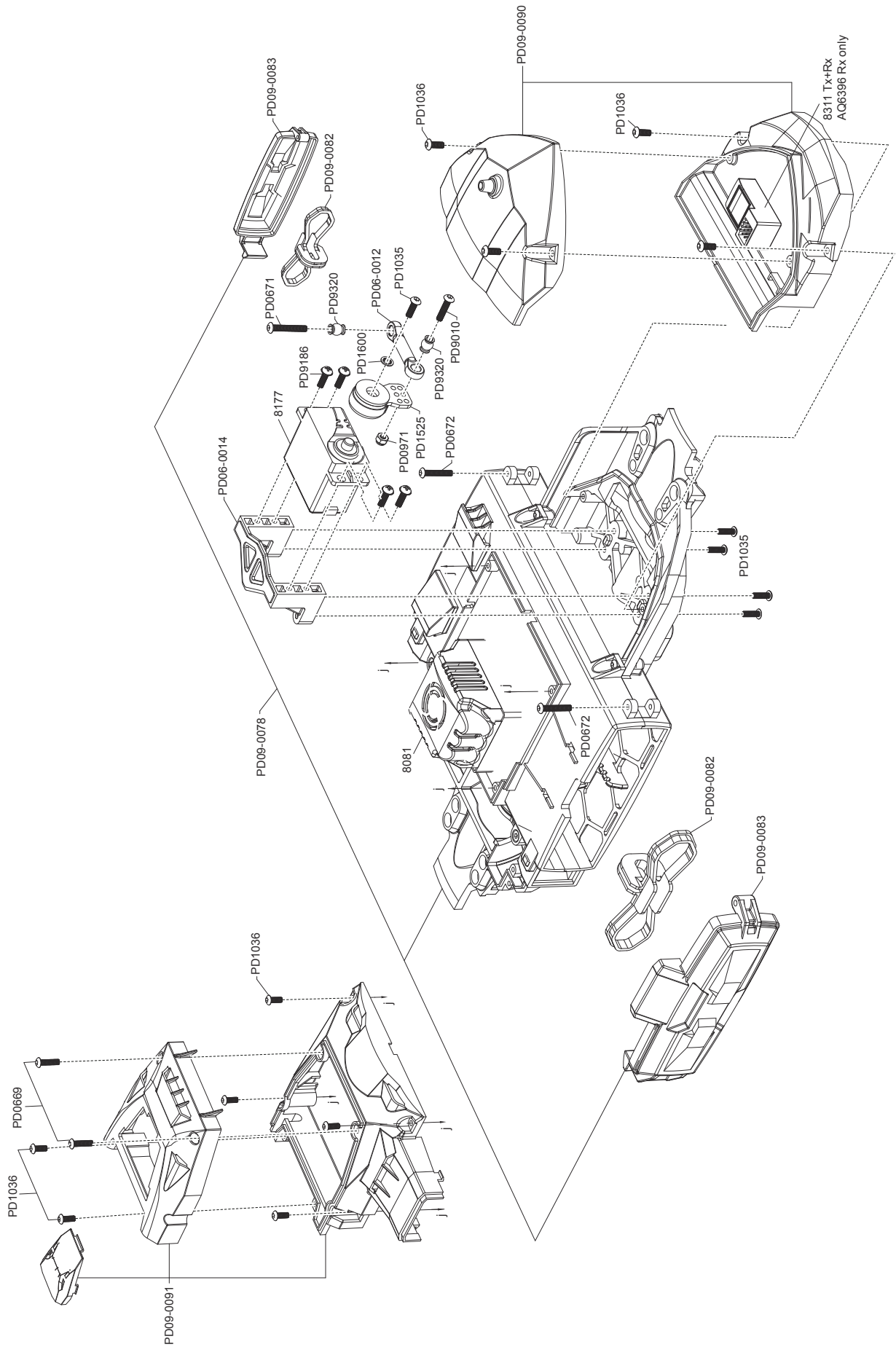
Tire & Wheel Assembly



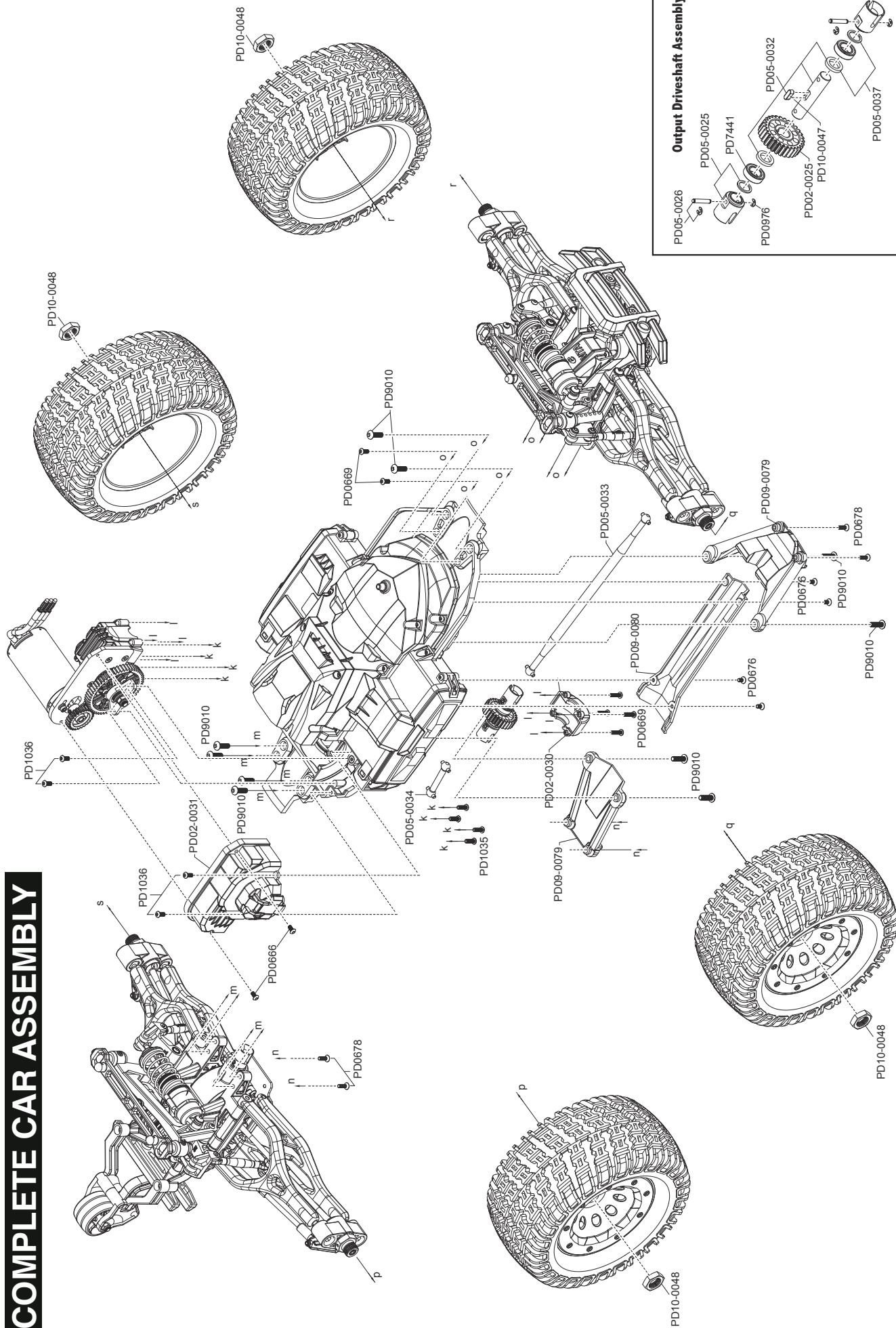
Suspension Arm Assembly



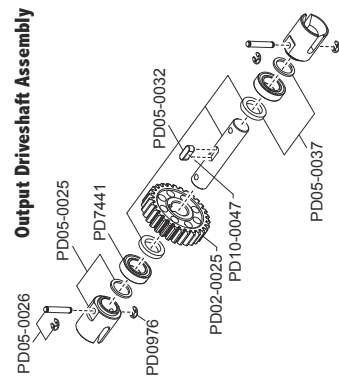
CHASSIS ASSEMBLY



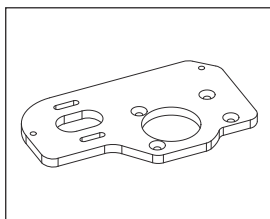
COMPLETE CAR ASSEMBLY



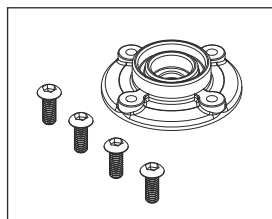
Output Driveshaft Assembly



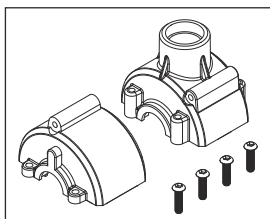
e-MTA TRUCK SPARE PARTS LIST 零件表



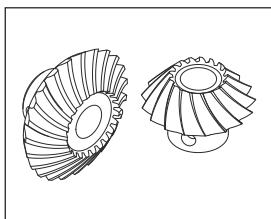
PD01-0013
MOTOR MOUNT
馬達固定座



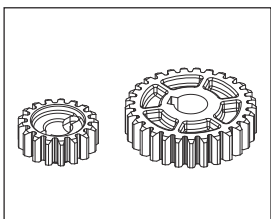
PD02-0022
SPUR GEAR HUB
主齒輪固定座



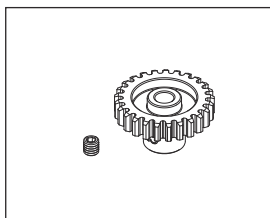
PD02-0023
DIFF CASE
差速箱外殼組



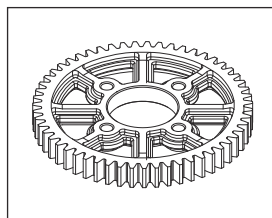
PD02-0024
BEVEL GEAR SET
傘齒輪



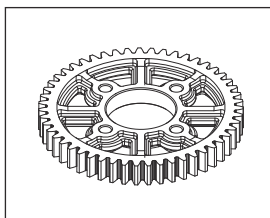
PD02-0025
IDLR / OUTPUT GEAR
齒輪



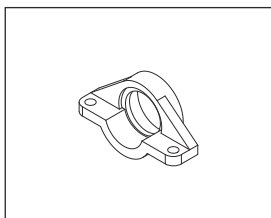
PD02-0026
PINION GEAR (25T)
馬達齒, 25T



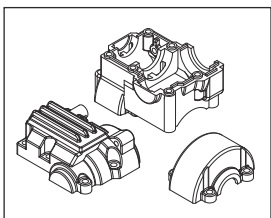
PD02-0027
SPUR GEAR (55T)
主齒輪, 55T



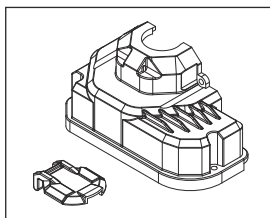
PD02-0028
SPUR GEAR (51T)
主齒輪, 51T



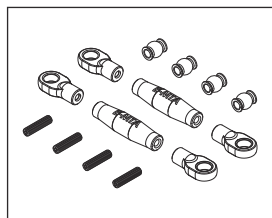
PD02-0029
SPUR GEAR MOUNT
主齒輪補強座



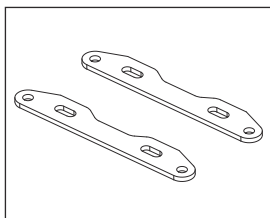
PD02-0030
CNTR TRANS CASE
主齒輪箱



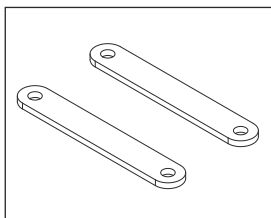
PD02-0031
SPUR GEAR COVER
主齒護蓋



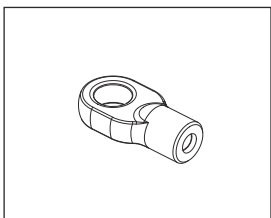
PD03-0023
PUSH ROD SET
避震器搖臂拉桿組



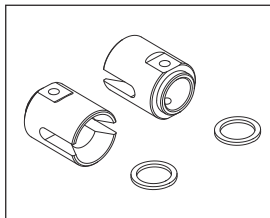
PD03-0024
UPPR SUSP PLATE
上擺臂補強板



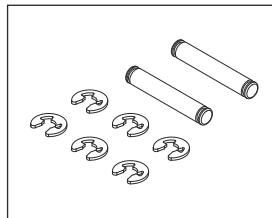
PD03-0025
LWR SUSP PLATE
下擺臂補強板



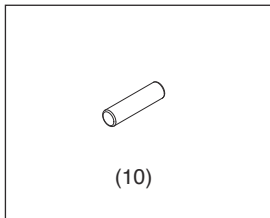
PD04-0005
SHOCK ROD END
避震器拉桿頭



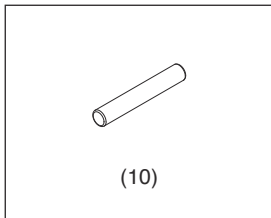
PD05-0025
CTR DRV OUTPUT CUPS
中央傳動軸套



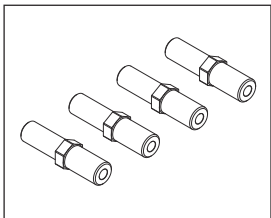
PD05-0026
OUTPUT CUP PINS
傳動軸插銷組



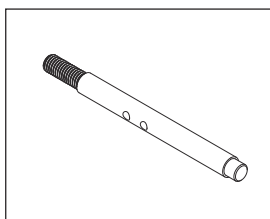
PD05-0027
TRANS PIN, 2.5x10
軸承銷, 2.5x10



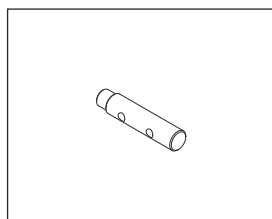
PD05-0028
TRANS PIN, 2.5x16
軸承銷, 2.5x16



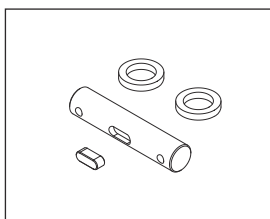
PD05-0029
ROCKER ARM POST
避震器搖臂軸



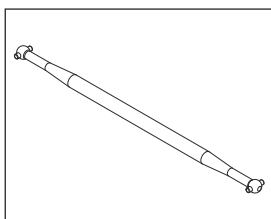
PD05-0030
MAIN SHAFT
主軸



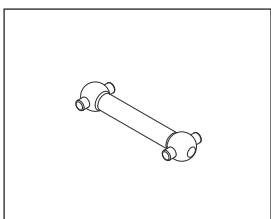
PD05-0031
IDLER GEAR SHAFT
惰輪軸



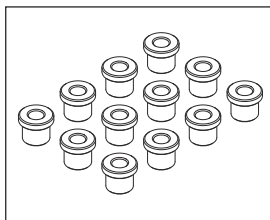
PD05-0032
OUTPUT SHAFT
齒輪箱出力軸



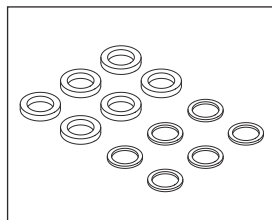
PD05-0033
FR DRIVE SHAFT
前中央傳動軸



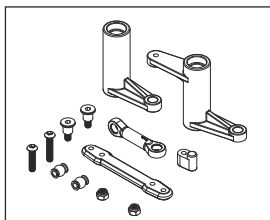
PD05-0034
RR DRIVE SHAFT
後中央傳動軸



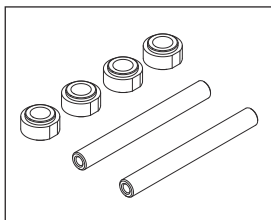
PD05-0036
SHOCK BUSHINGS
避震器上套筒



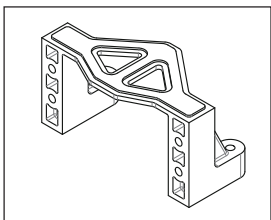
PD05-0037
DRIVE SHAFT SHIMS
軸環



PD06-0012
BELL CRANK
轉向搖臂組

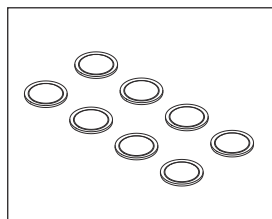


PD06-0013
BLLCRNK PST & BSHNG
轉向柱&塑膠軸承

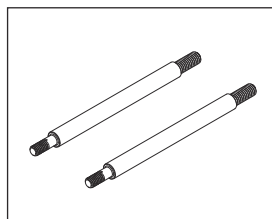


PD06-0014
SERVO MOUNT
伺服器座

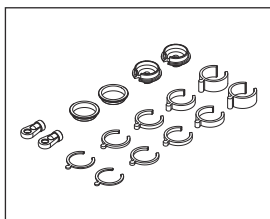
e-MTA TRUCK SPARE PARTS LIST 零件表



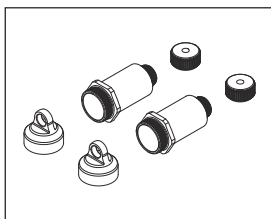
PD07-0013
SHOCK DIAPHRAGM
避震器空氣活門



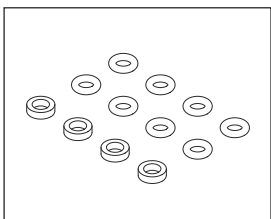
PD07-0014
SHOCK SHAFT
避震器軸組



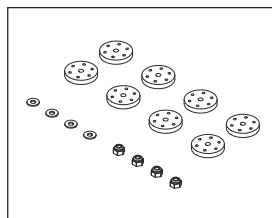
PD07-0017
SHOCK PLASTIC PARTS
避震器塑膠配件



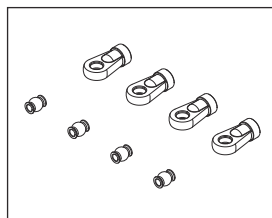
PD07-0020
SHOCK BODY
避震器套筒



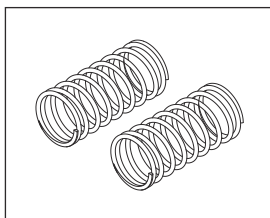
PD07-0024
O-RING & SPACERS
避震器O型環&內環柱組



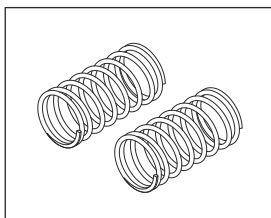
PD07-0025
SHOCK PISTON
避震器活塞組



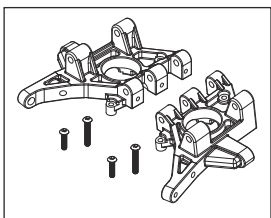
PD07-0037
SHOCK EYELET
避震器球頭拉桿



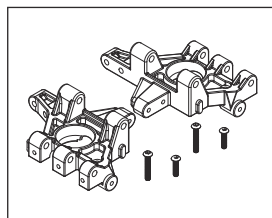
PD07-0055
FR SHOCK SPRINGS
前避震器彈簧



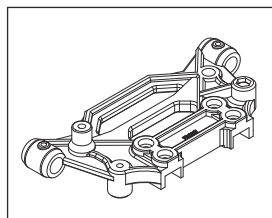
PD07-0056
RR SHOCK SPRINGS
後避震器彈簧



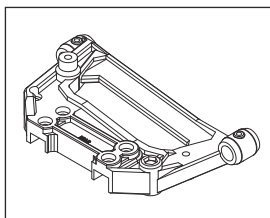
PD09-0068
FR BULKHEAD
前擺臂座組



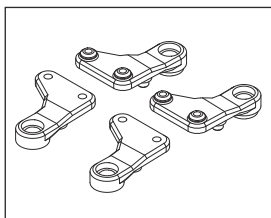
PD09-0069
RR BULKHEAD
後擺臂座組



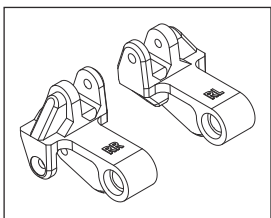
PD09-0070
FR SHOCK TOWER
前避震器支架



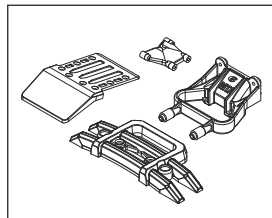
PD09-0071
RR SHOCK TOWER
後避震器支架



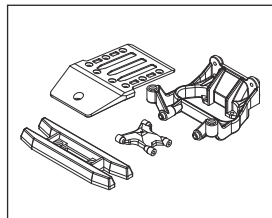
PD09-0072
FR ROCKER ARM
前避震器搖臂



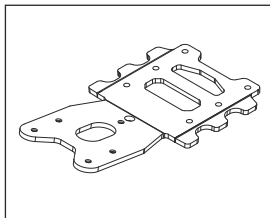
PD09-0073
RR ROCKER ARM
後避震器搖臂



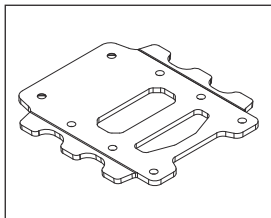
PD09-0074
FR BUMPER SET
前防撞板組



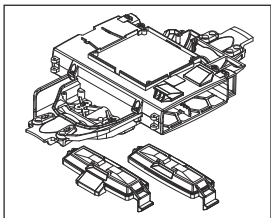
PD09-0075
RR BUMPER SET
後防撞板組



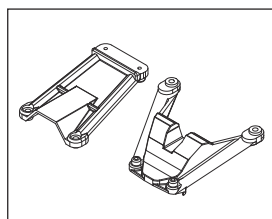
PD09-0076
FRONT SKID PLATE
前差速箱補強板



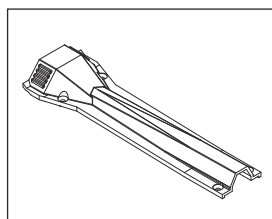
PD09-0077
REAR SKID PLATE
後差速箱補強板



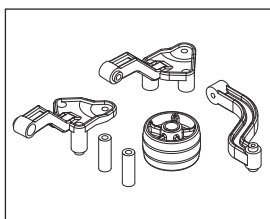
PD09-0078
MAIN CHASSIS ASSEMBLY
車底盤組



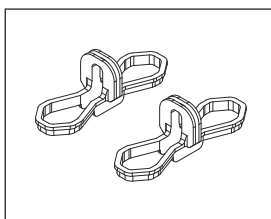
PD09-0079
CHASSIS BRACE SET
前/後補強支架



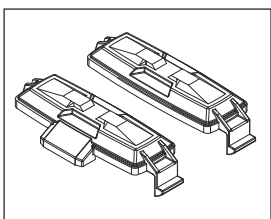
PD09-0080
TRANS COVER
傳動軸護蓋



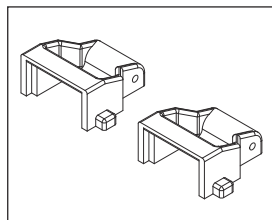
PD09-0081
WHEELIE BAR SET
第五輪組



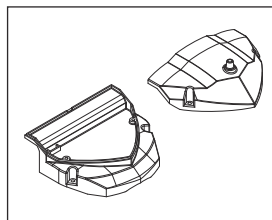
PD09-0082
BATTERY ADJ. CLIPS
電池調整夾



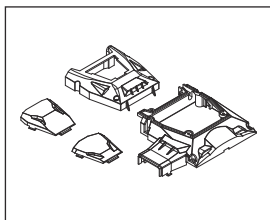
PD09-0083
BATTERY COMARTMENT DOORS
左/右電池蓋



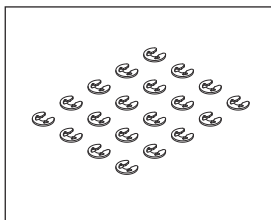
PD09-0084
COVER LOCKS
電池蓋扣件



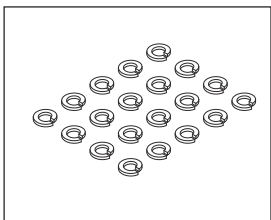
PD09-0090
Rx COMPARTMENT
接收機蓋/伺服機蓋



PD09-0091
ESC COMPARTMENT
速控器盒

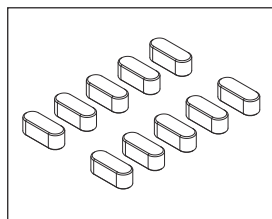


PD0976
E-CLIP
E型扣環(2mm)

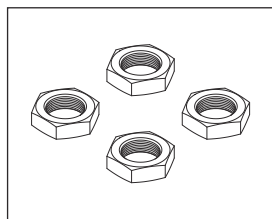


PD0980
SPRING WASHER (20)
彈力墊片 (20)

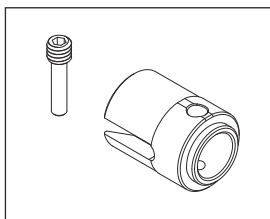
e-MTA TRUCK SPARE PARTS LIST 零件表



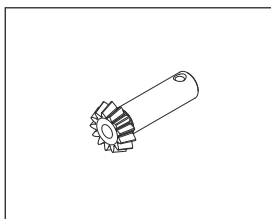
PD10-0047
OUTPUT GEAR TENONS
3x3x8雙頭圓鍵



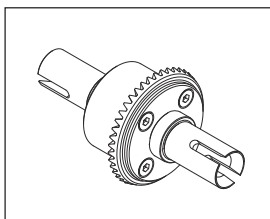
PD10-0048
WHEEL HEXS
輪鼓轉換器六角螺帽



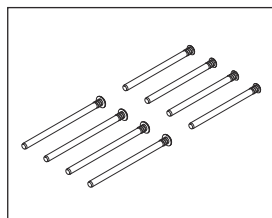
PD1465
F / R DRIVE INPUT CUP
中央傳動軸套組



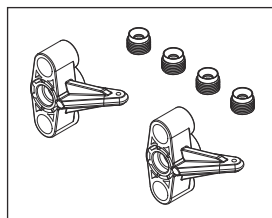
PD1481
DIFF SHAFT / PINION
傳動小斜齒輪



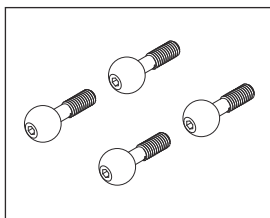
PD1482-1
DIFF SET
差速器組



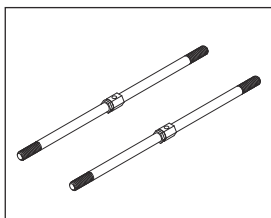
PD1497
SUSPENSION HINGE PIN SET
擺臂固定銷



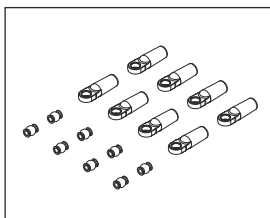
PD1498
KNUCKLE / HUB
轉向座組



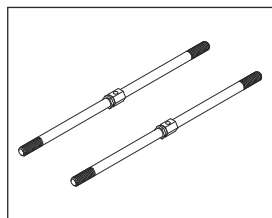
PD1499
ADJUST BALL
擺臂球頭



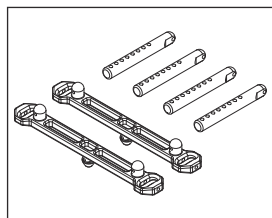
PD1503
FR TURNBUCKLE
前轉向拉桿



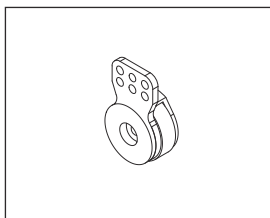
PD1504
F / R TURNBUCKLE END
前/後球頭連桿組



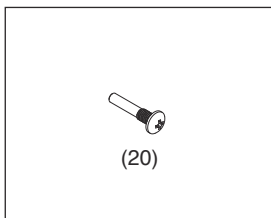
PD1505
RR TURNBUCKLE
後輪座固定拉桿



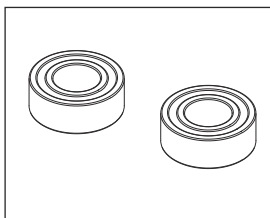
PD1517
BODY MOUNTS & POSTS
車殼支柱&固定板



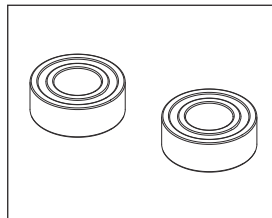
PD1525
SERVO SAVER
伺服機緩衝組



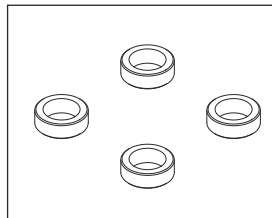
PD1557
BODY MOUNTS SCREW
車殼支柱固定螺絲



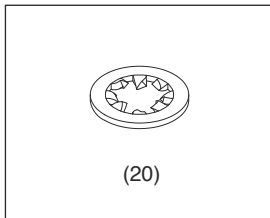
PD1571
BALL BEARING
軸承組



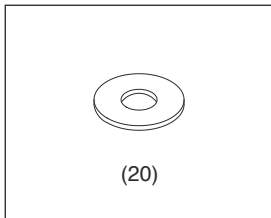
PD1572
BALL BEARING (2), 6x12x4
滾珠軸承 (2), 6x12x4



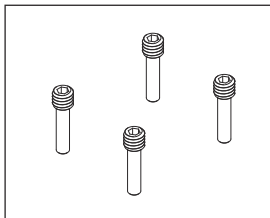
PD1577
ALXE BEARING SAPCER
輪軸軸環組



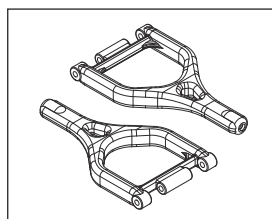
PD1600
LOCK WASHER (20), 3mm
防鬆墊片 (20), 3mm



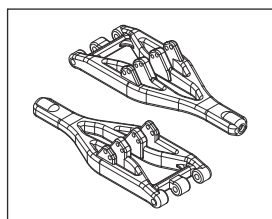
PD1709
WASHER (20), 3mm
墊片 (20), 3mm



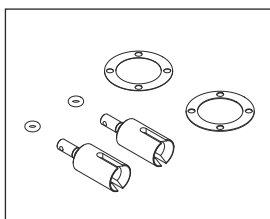
PD1740
DRIVE CUP SET SCREW
驅動軸套固定螺栓



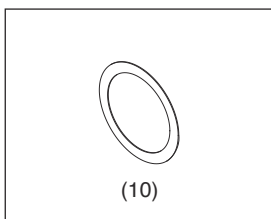
PD1745
UPPER SUSPENSION ARMS
上擺臂組



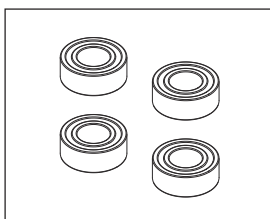
PD1746
LOWER SUSPENSION ARMS
下擺臂組



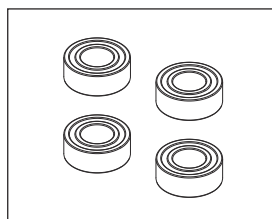
PD1749
DIFFERENTIAL OUTDRIVES & GASKETS
傳動軸套&墊片



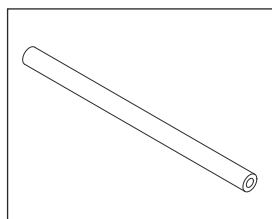
PD1896
DIFFERENTIAL SHIME
差速器墊片



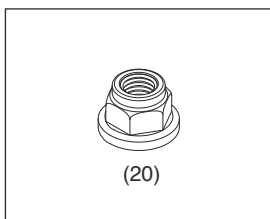
PD1968
B.BEARING (4), d5xD10xW4
滾珠軸承 (4), d5xD10xW4



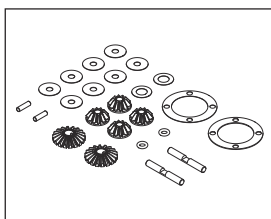
PD1969
BEARING (4), d10xD19xW5
滾珠軸承 (4), d10xD19xW5



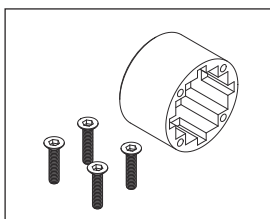
PD1983
ANENNA BAG
天線管



PD2433
LOCK NUT WITH FLANGE
尼龍墊圈螺帽, M5

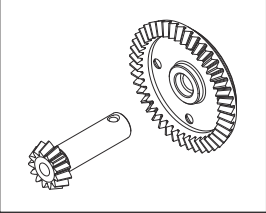
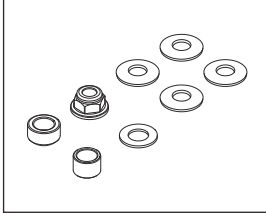
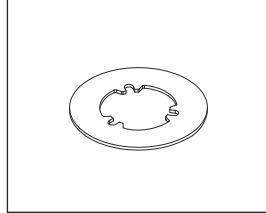
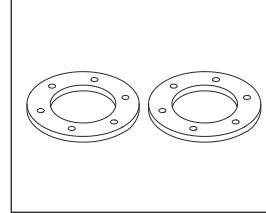
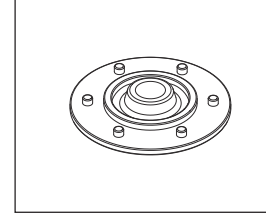
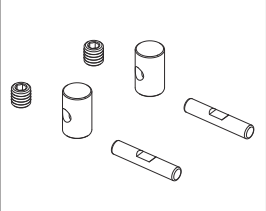
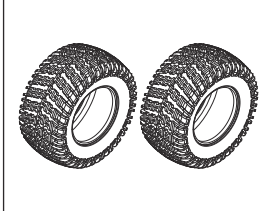
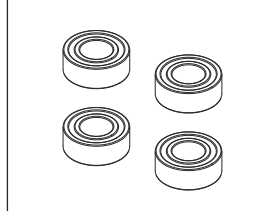
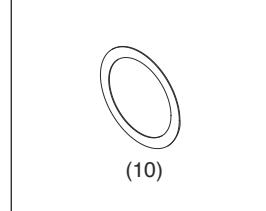
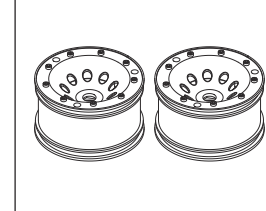
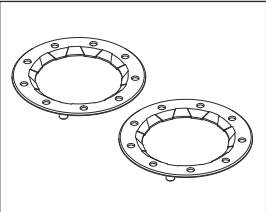
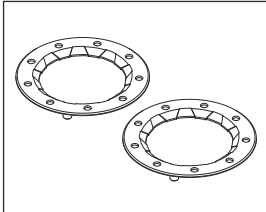
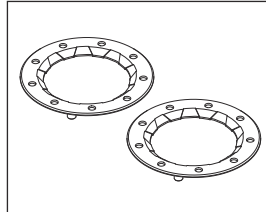
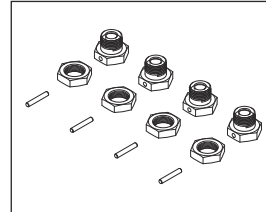
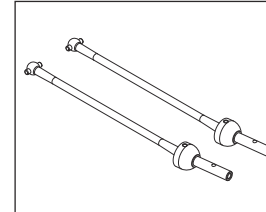
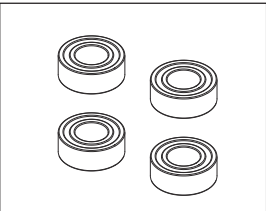
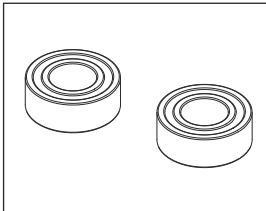
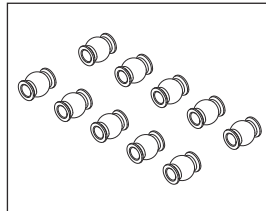
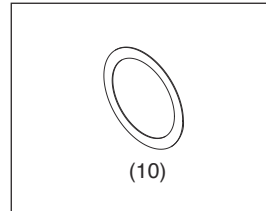
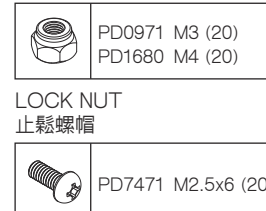
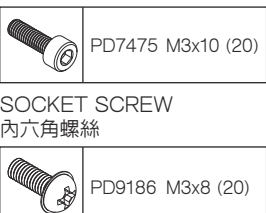
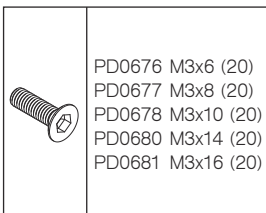
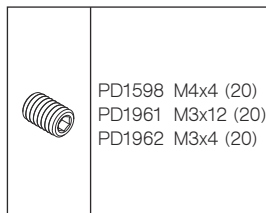
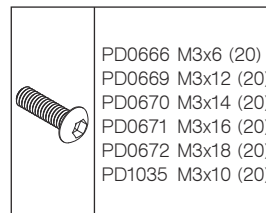
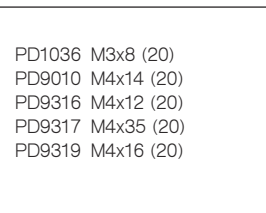


PD6341-1
DIFFERENTIAL GEARS
差速器齒輪組



PD6342
DIFFERENTIAL HOUSING
差速器外殼

e-MTA TRUCK SPARE PARTS LIST 零件表

				
PD6343 DIFF SPUR 差速器傳動斜齒輪	PD7216 SLIPPER HARDWARE 滑動套件	PD7218 SLIPPER FRICTION RING 摩擦片	PD7219 SLIPPER LINGING PAD 限滑來令片	PD7220 SLIPPER HUB 限滑固定座
				
PD7237 UNIVERSAL REBUILD KIT 萬向接合套件	PD7240 TIRES 輪胎	PD7441 BEARING (4), d8xD14xW4 滾珠軸承 (4), d8xD14xW4	PD7786 DIFF SHIME 差速器墊片	PD8321 BEAD LOCK WHEELS 輪穀
				
PD8322 BEAD LOCK RING (G) 輪穀裝飾片組 (綠)	PD8322-Y BEAD LOCK RING (Y) 輪穀裝飾片組 (黃)	PD8323 BEAD LOCK RING (O) 輪穀裝飾片組 (橙)	PD8324 WHEEL HEX DRIVE 六角輪穀轉換器	PD8325 BALL TYPE UNIVERSAL 萬向傳動軸
				
PD9130 BEARING (4), 5x8x2.5mm 滾珠軸承 (4), 5x8x2.5mm	PD9318 BALL BEARING (2), d5xd13 滾珠軸承 (2), d5xd13	PD9320 HOLLOW BALLS 拉桿球頭組	PD9321 CNTR TRANS GASKETS 中央齒輪箱墊片	PD0971 M3 (20) PD1680 M4 (20) LOCK NUT 止鬆螺帽
				
PD7475 M3x10 (20) SOCKET SCREW 內六角螺絲	PD0676 M3x6 (20) PD0677 M3x8 (20) PD0678 M3x10 (20) PD0680 M3x14 (20) PD0681 M3x16 (20) FHCS SCREW 平頭內六角螺絲	PD1598 M4x4 (20) PD1961 M3x12 (20) PD1962 M3x4 (20) SET SCREW 無頭內六角螺絲	PD0666 M3x6 (20) PD0669 M3x12 (20) PD0670 M3x14 (20) PD0671 M3x16 (20) PD0672 M3x18 (20) PD1035 M3x10 (20) BHCS SCREW 半圓頭內六角螺絲	PD1036 M3x8 (20) PD9010 M4x14 (20) PD9316 M4x12 (20) PD9317 M4x35 (20) PD9319 M4x16 (20) BT P.M. SCREW 圓頭十字螺絲



e-MTA TRUCK SPARE PARTS LIST 零件表

PART#	DESCRIPTION	中文名稱
PD01-0013	MOTOR MOUNT	馬達固定座
PD02-0022	SPUR GEAR HUB	主齒輪固定座
PD02-0023	DIFF CASE	差速箱外殼組
PD02-0024	BEVEL GEAR SET	傘齒輪
PD02-0025	IDLR/OUTPUT GEAR	齒輪

PART#	DESCRIPTION	中文名稱
PD02-0026	PINION GEAR (25T)	馬達齒, 25T
PD02-0027	SPUR GEAR (55T)	主齒輪, 55T
PD02-0028	SPUR GEAR (51T)	主齒輪, 51T
PD02-0029	SPUR GEAR MOUNT	主齒輪補強座
PD02-0030	CNTR TRANS CASE	主齒輪箱

PART#	DESCRIPTION	中文名稱
PD02-0031	SPUR GEAR COVER	主齒護蓋
PD03-0023	PUSH ROD SET	避震器搖臂拉桿組
PD03-0024	UPPR SUSP PLATE	上擺臂補強板
PD03-0025	LWR SUSP PLATE	下擺臂補強板
PD04-0005	SHOCK ROD END	避震器拉桿頭
PD05-0025	CTR DRV OUTPUT CUPS	中央傳動軸套
PD05-0026	OUTPUT CUP PINS	傳動軸插銷組
PD05-0027	TRANS PIN, 2.5x10	軸承銷, 2.5x10
PD05-0028	TRANS PIN, 2.5x16	軸承銷, 2.5x16
PD05-0029	ROCKER ARM POST	避震器搖臂軸
PD05-0030	MAIN SHAFT	主軸
PD05-0031	IDLER GEAR SHAFT	惰輪軸
PD05-0032	OUTPUT SHAFT	齒輪箱出力軸
PD05-0033	FR DRIVE SHAFT	前中央傳動軸
PD05-0034	RR DRIVE SHAFT	後中央傳動軸
PD05-0036	SHOCK BUSHINGS	避震器上套筒
PD05-0037	DRIVE SHAFT SHIMS	軸環
PD06-0012	BELL CRANK	轉向搖臂組
PD06-0013	BLLCRNK PST & BSHNG	轉向柱及塑膠軸承
PD06-0014	SERVO MOUNT	伺服機座
PD0666	BHCS SCREW (20), M3x6	半圓頭內六角螺絲 (20), M3x6
PD0669	BHCS SCREW (20), M3x12	半圓頭內六角螺絲 (20), M3x12
PD0670	BHCS SCREW (20), M3x14	半圓頭內六角螺絲 (20), M3x14
PD0671	BHCS SCREW (20), M3x16	半圓頭內六角螺絲 (20), M3x16
PD0672	BHCS SCREW (20), M3x18	半圓頭內六角螺絲 (20), M3x18
PD0676	FHCS SCREW (20), M3x6	平頭內六角螺絲 (20), M3x6
PD0677	FHCS SCREW (20), M3x8	平頭內六角螺絲 (20), M3x8
PD0678	FHCS SCREW (20), M3x10	平頭內六角螺絲 (20), M3x10
PD0680	FHCS SCREW (20), M3x14	平頭內六角螺絲 (20), M3x14
PD0681	FHCS SCREW (20), M3x16	平頭內六角螺絲 (20), M3x16
PD07-0013	SHOCK DIAPHRAGM	避震器空氣活門
PD07-0014	SHOCK SHAFT	避震器軸組
PD07-0017	SHOCK PLASTIC PARTS	避震器塑膠配件
PD07-0020	SHOCK BODY	避震器套筒
PD07-0024	O-RING & SPACERS	避震器O型環&內環柱組
PD07-0025	SHOCK PISTON	避震器活塞組
PD07-0037	SHOCK EYELET	避震器球頭拉桿
PD07-0055	FR SHOCK SPRINGS	前避震器彈簧
PD07-0056	RR SHOCK SPRINGS	後避震器彈簧
PD09-0068	FR BULKHEAD	前擺臂座組
PD09-0069	RR BULKHEAD	後擺臂座組
PD09-0070	FR SHOCK TOWER	前避震器支架
PD09-0071	RR SHOCK TOWER	後避震器支架
PD09-0072	FR ROCKER ARM	前避震器搖臂
PD09-0073	RR ROCKER ARM	後避震器搖臂
PD09-0074	FR BUMPER SET	前防撞板組
PD09-0075	RR BUMPER SET	後防撞板組
PD09-0076	FRONT SKID PLATE	前差速箱補強板
PD09-0077	REAR SKID PLATE	後差速箱補強板
PD09-0078	MAIN CHASSIS ASSEMBLY	車底盤組
PD09-0079	CHASSIS BRACE SET	前/後補強支架
PD09-0080	TRANS COVER	傳動軸護蓋
PD09-0081	WHEELIE BAR SET	第五輪組
PD09-0082	BATTERY ADJ. CLIPS	電池調整夾
PD09-0083	BATTERY COMPARTMENT DOORS	左/右電池蓋
PD09-0084	COVER LOCKS	電池蓋扣件
PD09-0090	Rx COMPARTMENT	接收機蓋/伺服機蓋
PD09-0091	ESC COMPARTMENT	速控器盒
PD0971	LOCK NUT (20), M3	止鬆螺帽 (20), M3
PD0976	E-CLIP	E型扣環, 2mm
PD0980	SPRING WASHER (20)	彈力墊片 (20)
PD10-0047	OUTPUT GEAR TENONS	3x3x8雙頭圓鍵

PART#	DESCRIPTION	中文名稱
PD10-0048	WHEEL HEXS	輪鼓轉換器六角螺帽
PD1035	BHCS SCREW (20), M3x10	半圓頭內六角螺絲 (20), M3x10
PD1036	BHCS SCREW (20), M3x8	半圓頭內六角螺絲 (20), M3x8
PD1465	F/R DRIVE INPUT CUP	中央傳動軸套組
PD1481	DIFF SHAFT / PINION	傳動小斜齒輪
PD1482-1	DIFF SET	差速器組
PD1497	SUSPENSION HINGE PIN SET	擺臂固定銷
PD1498	KNUCKLE / HUB	轉向座組
PD1499	ADJUST BALL	擺臂球頭
PD1503	FR TURNBUCKLE	前轉向拉桿
PD1504	F / R TURNBUCKLE END	前/後球頭連桿組
PD1505	RR TURNBUCKLE	後輪座固定拉桿
PD1517	BODY MOUNTS & POSTS	車殼支柱&固定板
PD1525	SERVO SAVER	伺服機緩衝組
PD1557	BODY MOUNTS SCREW	車殼支柱固定螺絲
PD1571	BALL BEARING	軸承組
PD1572	BALL BEARING (2), 6x12x4	滾珠軸承 (2), 6x12x4
PD1577	AXLE BEARING SAPCER	輪軸軸環組
PD1598	SET SCREW (20), M4x4	無頭內六角螺絲 (20), M4x4
PD1600	LOCK WASHER (20), 3mm	防鬆墊片 (20), 3mm
PD1680	LOCK NUT (20), M4	止鬆螺帽 (20), M4
PD1709	WASHER (20), 3mm	墊片 (20), 3mm
PD1740	DRIVE CUP SET SCREW	驅動軸套固定螺栓
PD1745	UPPER SUSPENSION ARMS	上擺臂組
PD1746	LOWER SUSPENSION ARMS	下擺臂組
PD1749	DIFFERENTIAL OUTDRIVES & GASKETS	傳動軸套&墊片
PD1896	DIFFERENTIAL SHIME	差速器墊片
PD1961	SET SCREW (20), M3x12	無頭內六角螺絲 (20), M3x12
PD1962	SET SCREW (20), M3x4	無頭內六角螺絲 (20), M3x4
PD1968	B.BEARING (4), d5xD10xW4	滾珠軸承 (4), d5xD10xW4
PD1969	BEARING (4), d10xD19xW5	滾珠軸承 (4), d10xD19xW5
PD1983	ANENNA BAG	天線管
PD2433	LOCK NUT WITH FLANGE	尼龍墊圈螺帽, M5
PD6341-1	DIFFERENTIAL GEARS	差速器齒輪組
PD6342	DIFFERENTIAL HOUSING	差速器外殼
PD6343	DIFF SPUR	差速器傳動斜齒輪
PD7216	SLIPPER HARDWARE	滑動套件
PD7218	SLIPPER FRICTION RING	摩擦片
PD7219	SLIPPER LINGING PAD	限滑來令片
PD7220	SLIPPER HUB	限滑固定座
PD7237	UNIVERSAL REBUILD KIT	萬向接合套件
PD7240	TIRES	輪胎
PD7441	BEARING (4), d8xD14xW4	滾珠軸承 (4), d8xD14xW4
PD7471	BT P.M. SCREW (20), M2.5x6	圓頭十字螺絲 (20), M2.5x6
PD7475	SOCKET SCREW (20), M3x10	內六角螺絲 (20), M3x10
PD7786	DIFF SHIME	差速器墊片
PD8321	BEAD LOCK WHEELS	輪殼
PD8322	BEAD LOCK RING (G)	輪殼裝飾片組 (綠)
PD8322-Y	BEAD LOCK RING (Y)	輪殼裝飾片組 (黃)
PD8323	BEAD LOCK RING (O)	輪殼裝飾片組 (橙)
PD8324	WHEEL HEX DRIVE	六角輪鼓轉換器
PD8325	BALL TYPE UNIVERSAL	萬向傳動軸
PD9010	BHCS SCREW (20), M3x14	半圓頭內六角螺絲 (20), M3x14
PD9130	BEARING (4), 5x8x2.5mm	滾珠軸承 (4), 5x8x2.5mm
PD9186	BHPS SCREW WWASHER (20), M3x8	圓頭十字墊圈螺絲 (20), M3x8
PD9316	BHCS SCREW (20), M4x20	半圓頭內六角螺絲 (20), M4x20
PD9317	BHCS SCREW (20), M4x35	半圓頭內六角螺絲 (20), M4x35
PD9318	BALL BEARING (2), d5xd13	滾珠軸承 (2), d5xd13
PD9319	BHCS SCREW (20), M4x16	半圓頭內六角螺絲 (20), M4x16
PD9320	HOLLOW BALLS	拉桿球頭組
PD9321	CNTR TRANS GASKETS	中央齒輪箱墊片

e-MTA TRUCK OPTIONAL PARTS LIST 選購零件表



PD06-0015
OPTIONAL STEERING SET
轉向搖臂組



PD07-0021
ALUMINUM SHOCK BODY
避震器套筒



PD07-0023
ALUMINUM SHOCK CAP
避震器上蓋



PD07-0027
16mm SHOCK COLLARS
避震器調整環



PD09-0087
FR ALUMINUM ROCKER ARM
前避震器搖臂



PD09-0088
RR ALUMINUM ROCKER ARM
後避震器搖臂



PD09-0092
ALUM SHOCK TOWER, FRONT
鋁合金前避震器支架



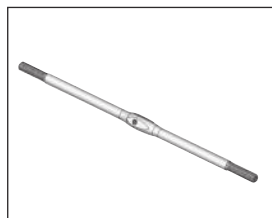
PD09-0093
ALUM SHOCK TOWER, REAR
鋁合金後避震器支架



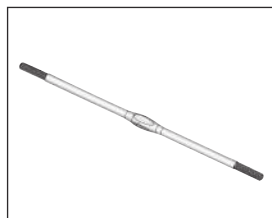
PD1582
SERVO SAVER, HITECH
轉向伺服機臂



PD1583
STEERING SERVO SAVER, JR
JR轉向伺服機臂



PD1756
STEERING LINK ROD-TI
鈦合金前轉向拉桿



PD1757
REAR LINK ROD-TI
鈦合金後輪座拉桿



e-MTA TRUCK OPTIONAL PARTS LIST 選購零件表

PART#	DESCRIPTION	中文名稱
PD06-0015	OPTIONAL STEERING SET	轉向搖臂組
PD07-0021	ALUMINUM SHOCK BODY	避震器套筒
PD07-0023	ALUMINUM SHOCK CAP	避震器上蓋
PD07-0027	16mm SHOCK COLLARS	避震器調整環
PD09-0087	FR ALUMINUM ROCKER ARM	前避震器搖臂
PD09-0088	RR ALUMINUM ROCKER ARM	後避震器搖臂

PART#	DESCRIPTION	中文名稱
PD09-0092	ALUM SHOCK TOWER, FRONT	鋁合金前避震器支架
PD09-0093	ALUM SHOCK TOWER, REAR	鋁合金後避震器支架
PD1582	SERVO SAVER, HITECH	轉向伺服機臂
PD1583	STEERING SERVO SAVER, JR	JR轉向伺服機臂
PD1756	STEERING LINK ROD-TI	鈦合金前轉向拉桿
PD1757	REAR LINK ROD-TI	鈦合金後輪座拉桿