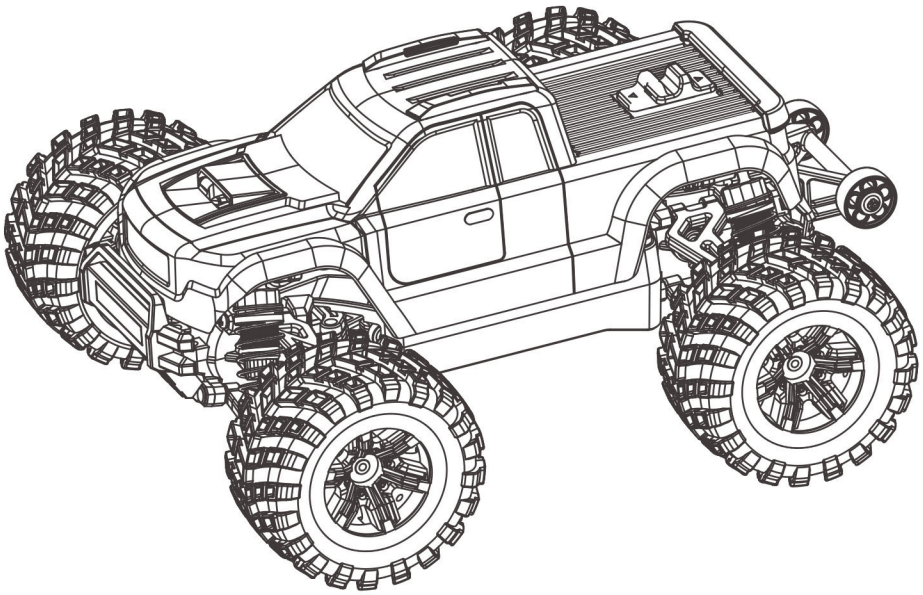
1:20 RC HIGH SPEED CAR USER MANUAL



14+

1:20遥控高速车 用户手册

4WD

本产品说明书内容仅供参考。本公司有权对产品进行更改或调整，恕不再另行通知，具体请以官方为准。

警告：

本产品含有小零件请勿让三岁以下儿童玩耍；本产品含电子元件，不得入水或在潮湿环境下使用；电池充电器应定期检查其电线、插头、外壳和其他部件是否损坏，发现损坏时应停止使用。

注意事项

1.可拆卸的小零件要放好，千万不可让小孩吞食。
2.如操作场地有电波干扰，请另选场地操作。
3.遥控器电源低电时，请立即停止操作，并更换新电池。
4.对拆除后的包装物和使用过的旧电池，请不要随地丢弃，以免污染环境卫生。
5.请将您的遥控模型存放在干燥、阴凉的地方。
6.不要置于近火和高温、潮湿的地方储存。
7.当电池被水浸湿，请将水分充分地擦拭干净，如有变形，请停止使用。
8.若长时间不使用请将模型车的底盘架主，让车轮悬空。

电池使用注意事项

1.遥控器使用2节1.5V“AA”号电池（电池需另购）；
2.安装或更换电池时请注意极性；
3.充电电池只能在成人监护下充电；
4.不可混用新旧或不同型号的电池；
5.电池电量用尽后，应从模型内取出；
6.将耗尽电量的电池交给专门的环保部门处理！
7.接线端不应短路；
8.非充电电池不可充电；
9.充电电池充电前应从模型中取出；
10.请不要将坏的电池、电池组分解或扔到火中、水里，以免发生意外；
11.充电器的额定输入电压必须与当地的家用电压相符；
12.在充电过程中，充电器和电池出现微温，属于正常现象。
13.不可吞咽电池！
14.将电池放在凉爽、干燥避光及小孩接触不到的地方！
15.电池漏液而且滴到眼睛里，请马上用大量的清水清洗，然后到附近的医院就医。

安全注意事项

·此无线遥控模型并非玩具！
·操作前要完成装配，以便可享受到更多的乐趣。操作后要做维护工作，替换零件和自选零件可分开使用。
·干电池或充电电池的不适当使用，会损害车或无线电的系统。

为了安全地操作此模型，请遵守以下规定：

⚠ 为了避免发生事故（对车和人而言），请遵循以下各项。

The instruction sheet for this product is just for your reference. We reserve the right to make changes or adjustments on the product without prior notification. Please refer to the official information.

Warning:

Choking hazard! This product contains small parts. NOT suitable for children under 3 years. Contains electrical components and should be kept dry at all times. Regularly check the battery charger wires, plugs and shell and other components for damage. DO NOT use if any part is damaged.

Warnings & Cautions

1. Detachable small parts should be stored safely and out of reach of children.
2. If interference is experienced, turn the model off and try it again in a different area.
3. Transmitter will not function correctly if the batteries are low. Please replace the batteries.
4. Please discard old/used batteries in a safe manner. Consider your environment!
5. Please store the remote control model in cool, dry place.
6. DO NOT expose to fire or high temperatures, do not store in moist place.
7. Once the battery get wet, wipe immediately with a soft dry cloth.
   If the battery any deformation, please stop using.
8. If you don't use the model for a long time, please raise the chassis to let the wheels hang in the air.

Precautions for Battery Use

1. Transmitter uses 2x1.5V "AA" batteries.
2. Please pay attention to correct polarity when replacing batteries.
3. Rechargeable batteries should be charged under adult supervision.
4. Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable batteries.
5. After the battery is exhausted, the model should be removed.
6. Exhaust battery should be safety dispose!
7. DO NOT short circuit any terminals.
8. DO NOT attempt to recharge non rechargeable batteries.
9. Remove batteries from the model when charging.
10. DO NOT put batteries into a fire or into water.
11. The rated input voltage battery charger MUST be suitable for your mains power voltage.
12. During charging it is quite normal for the charger and batteries to heat up.
13. Do not swallow battery!
14. Store only in cool, dry and dark places and should be keep out of the children!
15. When the battery leaks the liquid and let it into you eyes, please right away rinse them and consult an ophthalmologist.

Safety Precautions

- It is a radio control model, not a toy!
- In order to enjoy running the car, you need to finish assembly before operation. Do routine maintenance work after operation. Replacement parts and option parts are available separately.
- Improper usage with Alkaline cells or rechargeable batteries may damage the electronics for the car or the radio.

In order to operate the car safely. Be sure that you have observed the following points:

⚠ Please follow the points as below in order to prevent accident from happening to the car and people.



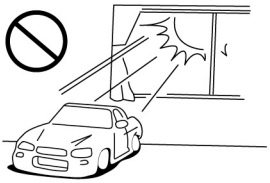
·开始组装前，须彻底阅读说明书。为了正确地装配模型，首次装配者应请教有操作经验的人。



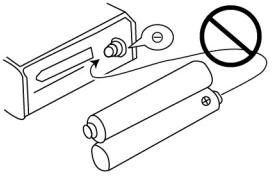
·刀具、镊子、螺丝等需小心处理。



·产品含有小且尖锐的零件，所以在装配和贮藏时，要放在儿童摸不到的地方。



·勿把模型放在高温，潮湿及阳光直射的地方。



·勿反接或分解电池，这会导致电池的破损或漏液。

·当模型不使用时，先关闭模型车、后关遥控器电源。此外，断开模型车的电池连接，并从遥控器中取出电池，以免电池过热或漏液。

安全操作模型

⚠ 不可在以下地方或情形下使用本车（不遵循操作惯例可能会导致事故发生）

·只可在空旷安全的地方使用本车！勿在以下地方使用本车：

1.公路上。

2.儿童或人群聚集的地方。

3.生活区公园里。

4.勿在公共车道或人群拥挤的地方操作模型，以免发生意外事故。

5.室内或室间有限的地方。不遵循操作惯例可能会导致人身伤害或财产损失！

·当车子行动异常时立即停止使用并检查其原因。

只要车子故障未被消除，则不能使用车子。否则可能会出现更大的故障，并发生意外事故。

·须经常检查无线电装置的干电池！

若电池电量不足，发射和接收效果将不理想。在此种情况下，车子可能会出现失控现象，也可能会导致严重事故！

·保持警惕，周围可能有人也在操作模型车！

勿与他人同时使用同一频率！否则信号会发生混乱，车子会失控，可能导致事故发生

·不可将手指或其他物体放进正在旋转或移动的部件中。

·刚使用完毕时，勿触摸马达，因有烫伤危险！



●Be sure to read thoroughly the manual before you begin. Fresh user should seek advice from people having rich experience in order to assemble the model correctly.



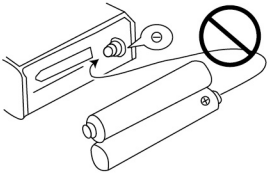
●Cutters, nippers and screwdrivers need careful handling.



●As the product contains small and sharp parts, assemble and store this product only in places out of the reach of children.



●Do not expose this model to high temperature, humidity or direct sunlight.



●Never reverse connection/ disassemble the battery. This may lead to damage and leakage.

●When the model is not in use, always turn off the receiver and transmitter. Further more, disconnect the batteries and remove them from the model and the transmitter. This may be dangerous such as overheat and leakage.

Operating Your Model Safely

⚠ Do NOT operate the model in the following places and situations. (Non-observance may lead to accident!)

●Operate your model in spacious and safe areas! Do not operate it:

1. On road!
2. In places where children and many people gather.
3. In residential districts and parks!
4. Do not operate the model on public roads, in crowded places and near infant as it may cause accidents.
5. Indoors and in limited space! Non-observance may result in personal injury and property damage!

●The car must stop immediately and check for the reasons when it is operating abnormal. As long as the problem is not cleared, do NOT operate it! This may lead to further trouble and unforeseen accidents!

●Always check the radio batteries! With weak dry batteries, transmission and reception of the radio would fall off. You may lose control of your model in such condition. This may also cause serious accidents!

●Keep in mind that people around you may also operate a radio control model! NEVER share the same frequency with somebody else at the same time! Otherwise, Radio signals will be mixed up and you will lose control to your model. This may lead to accidents.

●Do NOT put fingers or any objects inside rotating and moving parts!

●Right after use, do NOT touch the motor! Danger of burning yourself!

微功率短距离设备相关规定要求如下：

(一)符合“微功率短距离无线电发射设备目录和技术要求”的具体条款和使用场景，采用的天线类型和
性能，控制、调整及开关等使用方法；
(二)不得擅自改变使用场景或使用条件、扩大发射频率范围、加大发射功率(包括额外加装射频功率放
大器)，不得擅自更改发射天线；
(三)不得对其他合法的无线电台(站)产生有害干扰，也不得提出免受有害干扰保护；
(四)应当承受辐射射频能量的工业、科学及医疗(ISM)应用设备的干扰或其他合法的无线电台(站)干扰；
(五)如对其他合法的无线电台(站)产生有害干扰时，应立即停止使用，并采取措施消除干扰后方可继续使用；
(六)在航空器内和依据法律法规、国家有关规定、标准划设的射电天文台、气象雷达站、卫星地球站(含测控、测距、接收、导航站)等军民用无线电台(站)、机场等的电磁环境保护区域内使用微功率设备，应当遵守电磁环境保护及相关行业主管部门的规定；
(七)禁止在以机场跑道中心点为圆心、半径5000米的区域内使用各类模型遥控器；
(八)微功率设备使用时温度和电压的环境条件；
(九)使用微功率短距离无线电发射设备应当符合国家无线电管理有关规定。

FCC PART 15 B Notice:
CAUTION

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

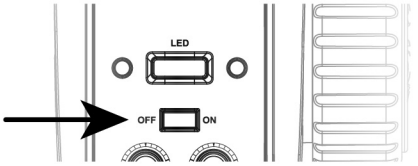
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

开关 Power Switch



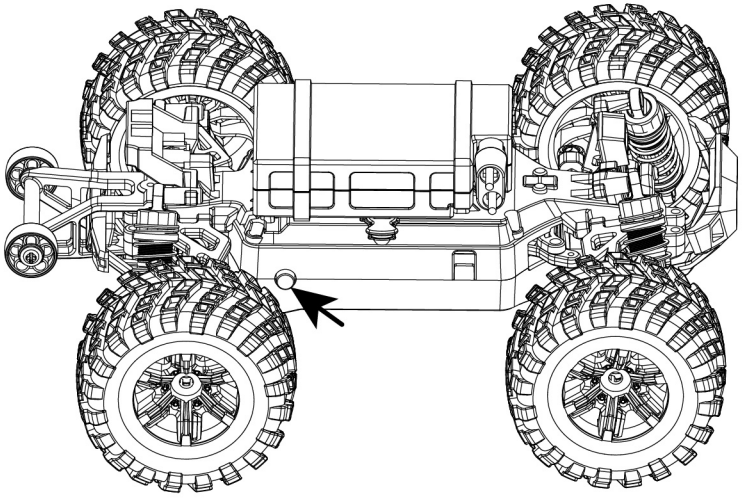
1.打开遥控器开关，遥控器信号指示灯闪烁。
Turn on the power switch of the transmitter,
the signal indicator light of transmitter flashes.

2.按下高速车电调侧面的电源开关按钮，高速车指示灯闪烁。
Press the power button of the car, which is on the side of the ESC;
the indicator light of highspeed car flashes.

⚠●打开遥控器时，请勿触摸油门和转向轮。
When turn on the transmitter, please DO NOT touch the throttle and steering. After turn on thetransmitter’ s power, please operate after the indicator light of transmitter staying on.

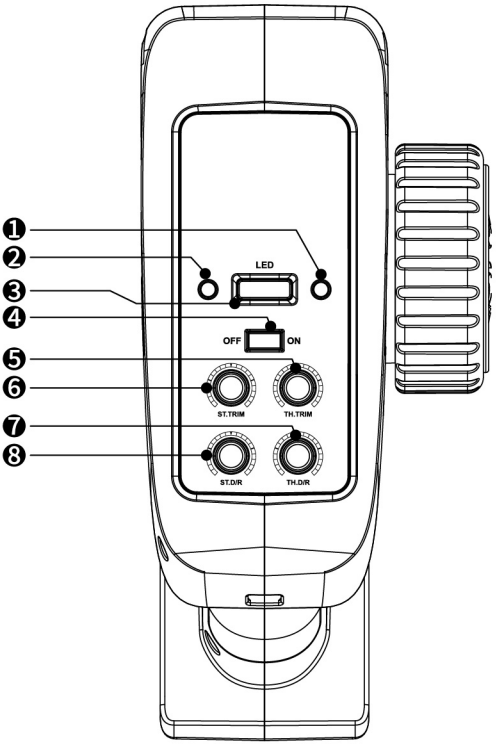
●请遵守 "先打开遥控器，再打开高速车 "的原则。
Please comply the principle of “turn on the transmitter firstly, then turn on the car”.

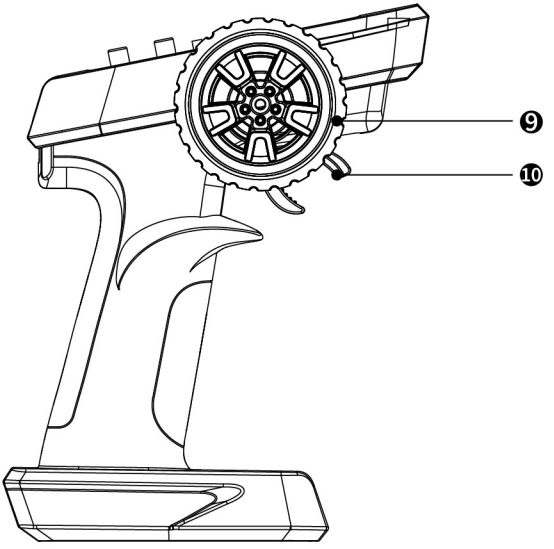
●在频率匹配时，请确保只有一对遥控器和高速车同时匹配，否则会导致频率匹配错误。
In the frequency matching, please make sure there is only one pair of transmitter and the car in matching at the same time, otherwise the frequency will match wrongly.



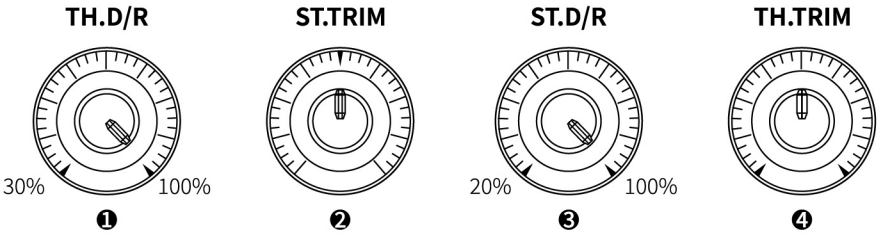
遥控器 Transmitter

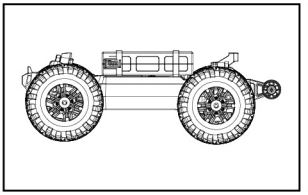
❶ 绿色指示灯(信号)
Green indicator (signal)
❷ 红色指示灯(电源)
Red indicator (power)
❸ 灯光切换
CH3：Light control
❹ 电源开关
Power switch
❺ TH.TRIM(油门中位微调)
TH.TRIM(Throttle trimmer)
❻ ST.TRIM(转向舵机微调)
ST.TRIM (Steering trimmer)
❼ TH.D/R(油门舵量调节)
TH. D/R (Throttle D/R)
❽ ST.D/R(转向舵量调节)
ST.D/R (Steering D/R)
❾ CH1:ST(转向)
CH1: Steering
❿ CH2:TH(油门)
CH2: Throttle



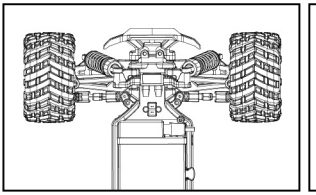


⚠ 遥控器和车辆配对一次后，以后无需再配对，遥控器和车辆开机后即可使用。
After pairing the remote control with the vehicle once, there is no need to pair it again in the future. The remote control and vehicle can be used once they are turned on.

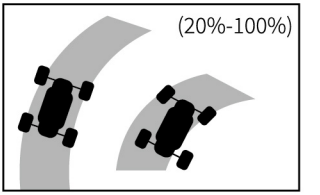




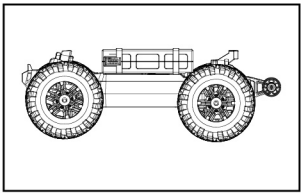
① TH.D/R
(油门舵量调节)



② ST.TRIM
(转向舵机微调)
车辆行驶过程中如无法直线行驶，可通过此微调进行调整。



③ ST.D/R
(转向舵量调节)
可调节车辆转弯半径角度大小。



④ TH.TRIM
(油门中位微调)



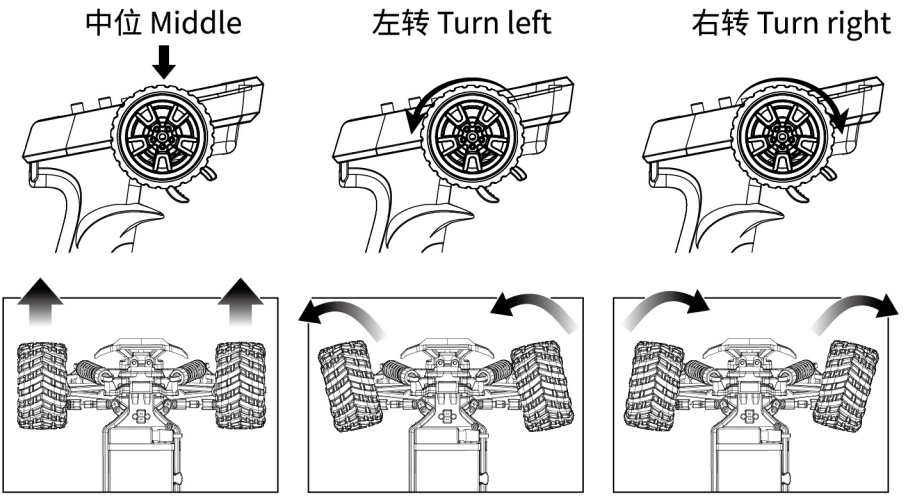
⑤ 绿色指示灯(信号)　Green indicator (signal)

常亮　Stay on	正　常　Working well
快闪　Flash quickly	对码状态　Matchingcode
慢闪　Flash slowly	信号丢失　No signal

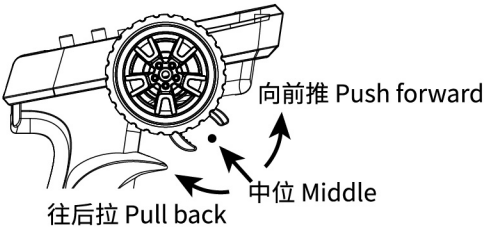
⑥ 红色指示灯(电源)　Red indicator (power)

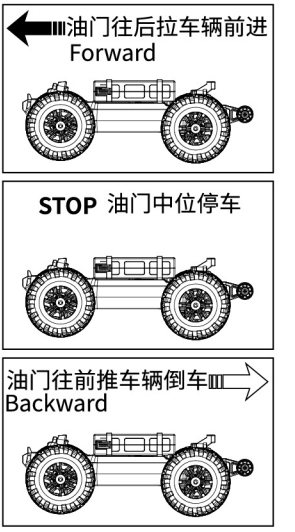
常亮　Stay on	正　常　Working well
慢闪　Flash slowly	遥控器电池电量低　Low battery oftransmitter

❼ CH1:ST (转向)



❽ CH2.TH (油门)





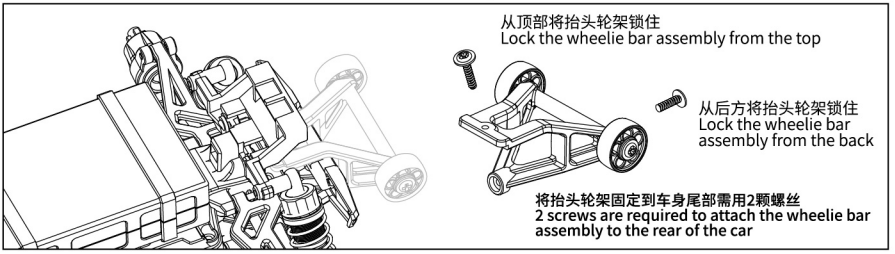
刹车：当车辆向前行驶时，遥控器推动后退，车辆进入刹车状态，
需油门归中后，再次推动后退，车辆才能后退。

*车辆处于后退情况下，遥控器推动前进，车辆进入刹车状态。

Brake:When the car is going forward,pull the transmitter back,and the car enters into braking state.After the trigger is in the middle,push backagain, and the car can move backward.

*When the vehicle is in reverse, the remote control pushes forward and the vehicle enters the braking state.

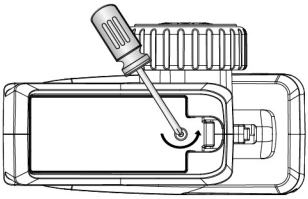
抬头轮安装 Wheelie Bar Assembly

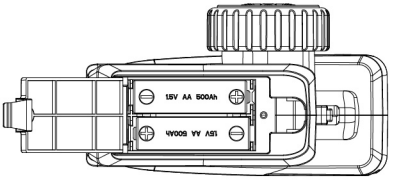


遥控器安装电池 Installing Batteries in the Remote Control

使用螺丝刀将遥控器电池盖打开，按照遥控器指示的正负极，正确装入2节AA电池，再重新盖上电池盖并拧紧。

Use a screwdriver to open the battery cover of the transmitter, load 2-AA batteries correctly according to the positive and negative poles indicated by the transmitter, and then re-cover the battery cover.





电池安装与取出 Battery Installation and Removal

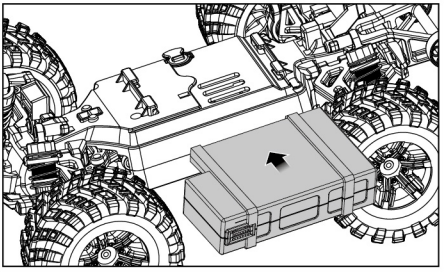
电池为专用电池。请勿使用其他电池替代。

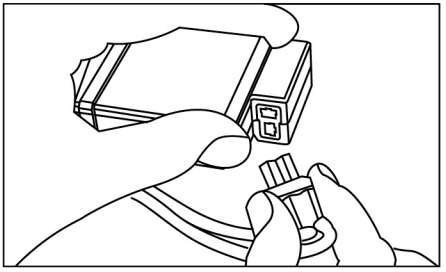
The batteries are specialized batteries. Do not use other batteries instead.

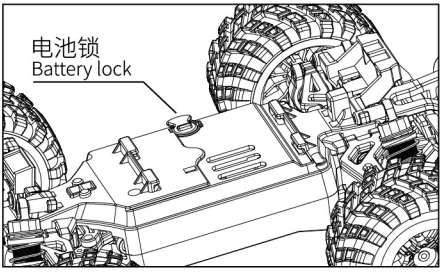
①对准车身卡槽，并顺着卡槽推动电池，安装到位后，电池锁会将电池锁紧；
Align the body slot and push the battery along the slot, the battery lock will lock the battery tightly when it is installed in place;

②将车身上的电池接口插入到电池中；
Insert the battery connector on the car body into the battery;

③取出电池时，按住电池锁扣，同时朝另一侧推动电池即可取出。
When removing the battery, press the battery latch and push the battery towards the other side at the same time to remove it.







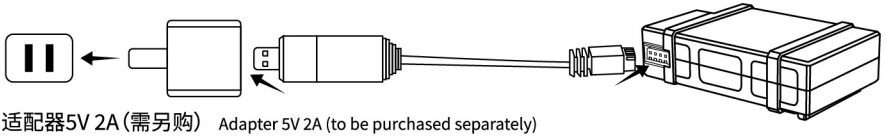
充电 Charge

高速车电池：7.4V 25C。

Battery: 7.4V 25C

- 电池充电时，充电器绿色指示灯闪烁；
  When the battery is charging, the green indicator light of the USB cable blinks;
- 电池满电时，充电器绿色指示灯常亮。
  When the battery is fully charged, the green indicator light of the USB cable is always on.

*建议使5V 2A适配器进行充电。
It is recommended to use a 5V2A charger for charging.

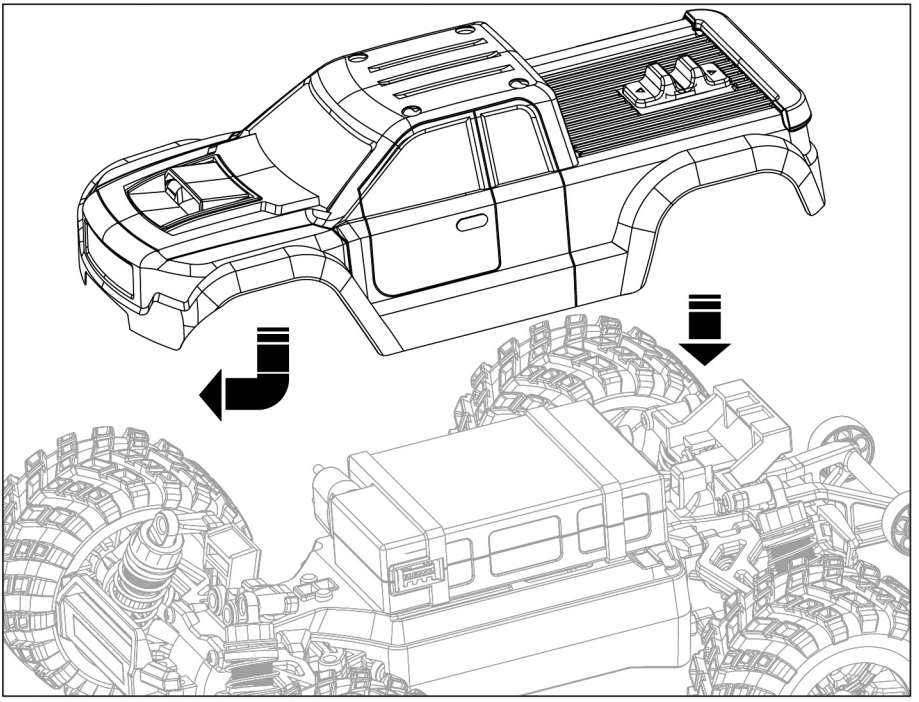


适配器5V 2A（需另购） Adapter 5V 2A (to be purchased separately)

安装车壳 Install Car Shell

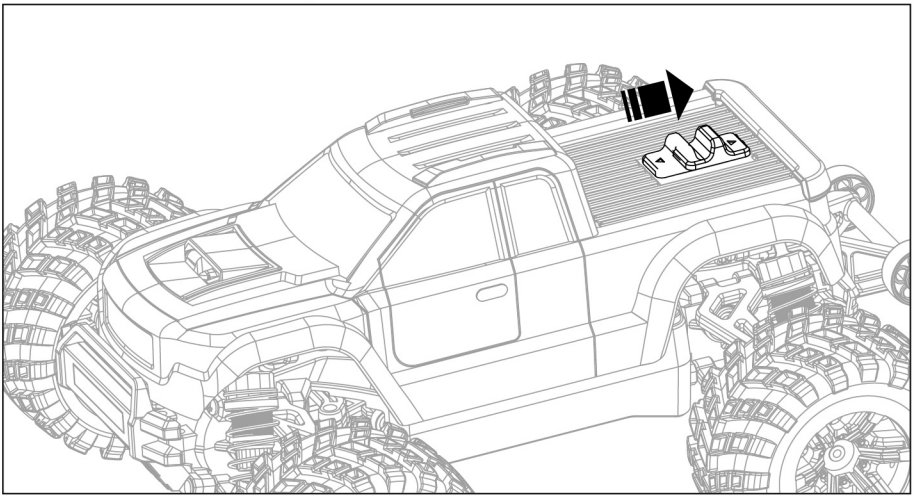
1.将车壳对准扣位放在车体上

Insert the body into the front mount and press the latch vertically downto the rear mount

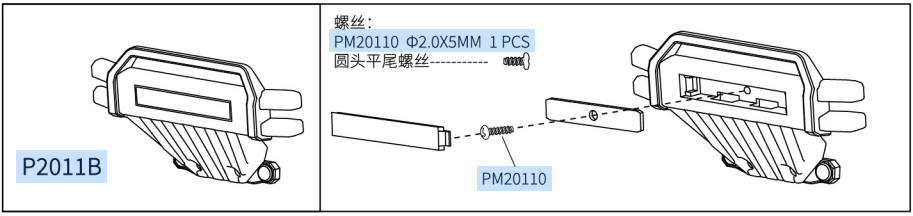


2.往后拉动卡扣将车壳与车体锁紧

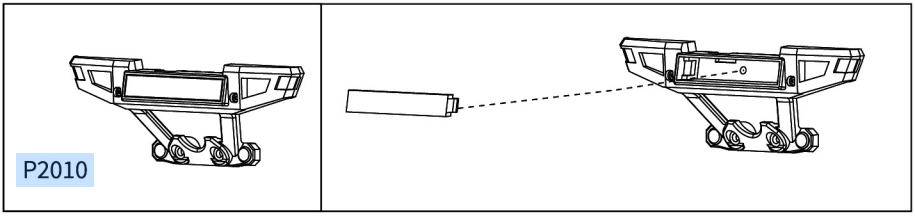
Slide the latch to lock the body



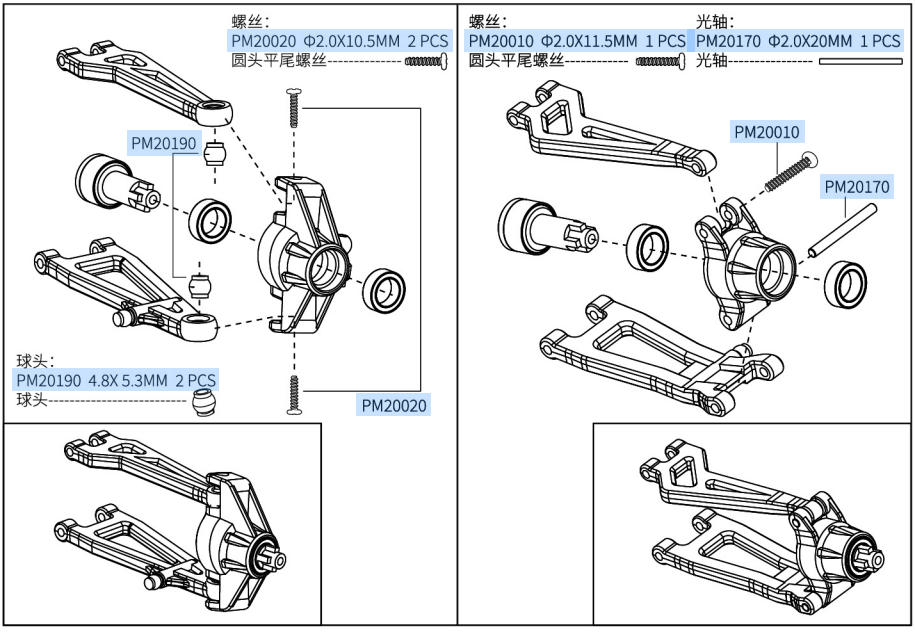
P2011B 前防撞 Front Bumper Assembly



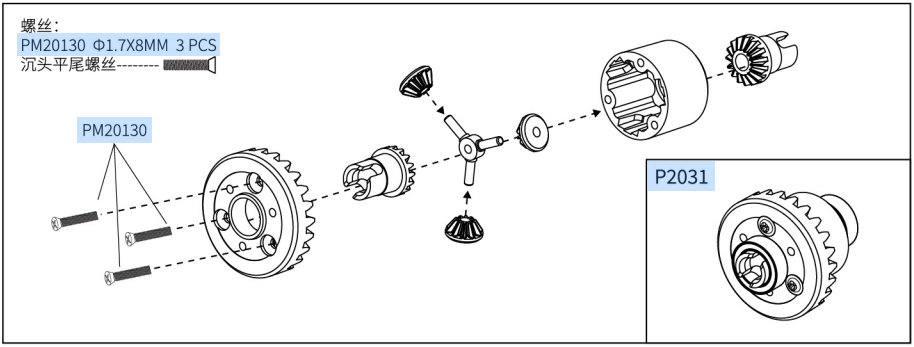
P2010 后防撞 Rear Bumper Assembly



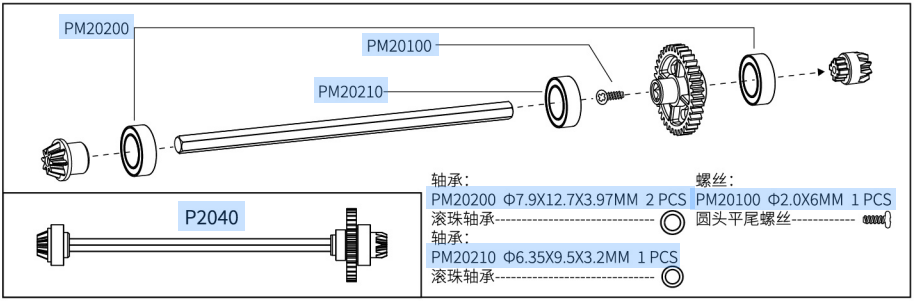
前摆臂组件 Front arm assembly　后摆臂组件 Gear arm assembly



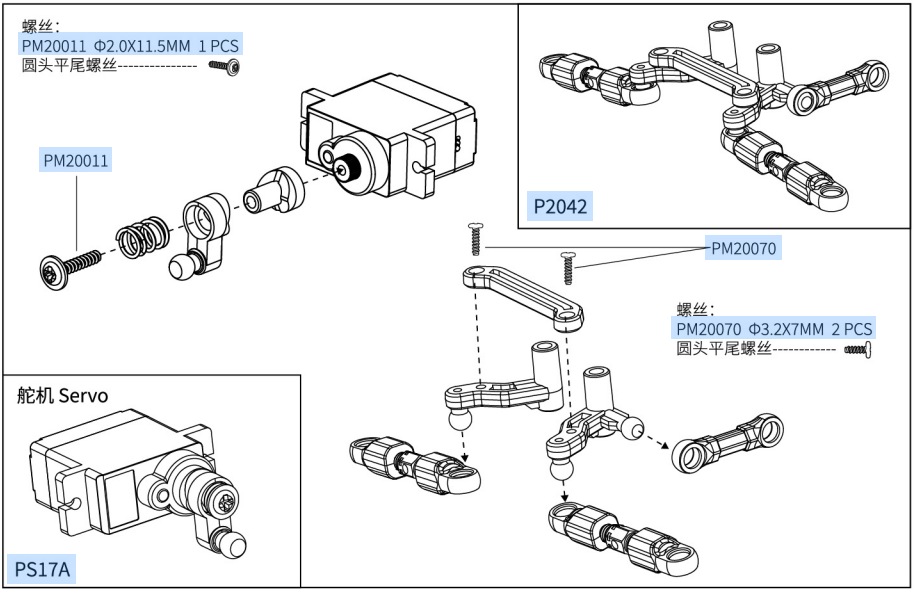
差速器 Differential



全金属主传动组件 Metal Gears Main Driving Set

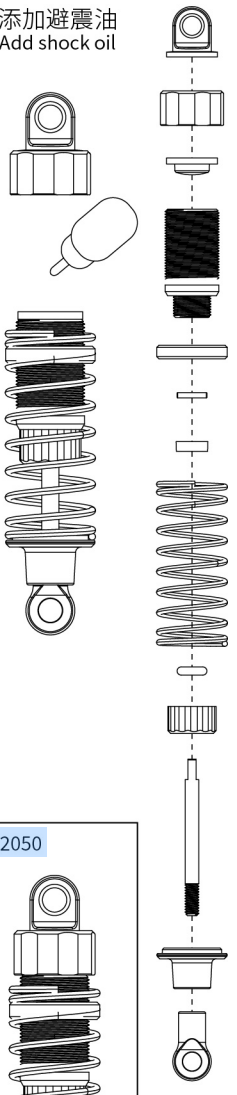


转向传动 Steering Assembly



油压避震
Oil Filled Shock

添加避震油
Add shock oil

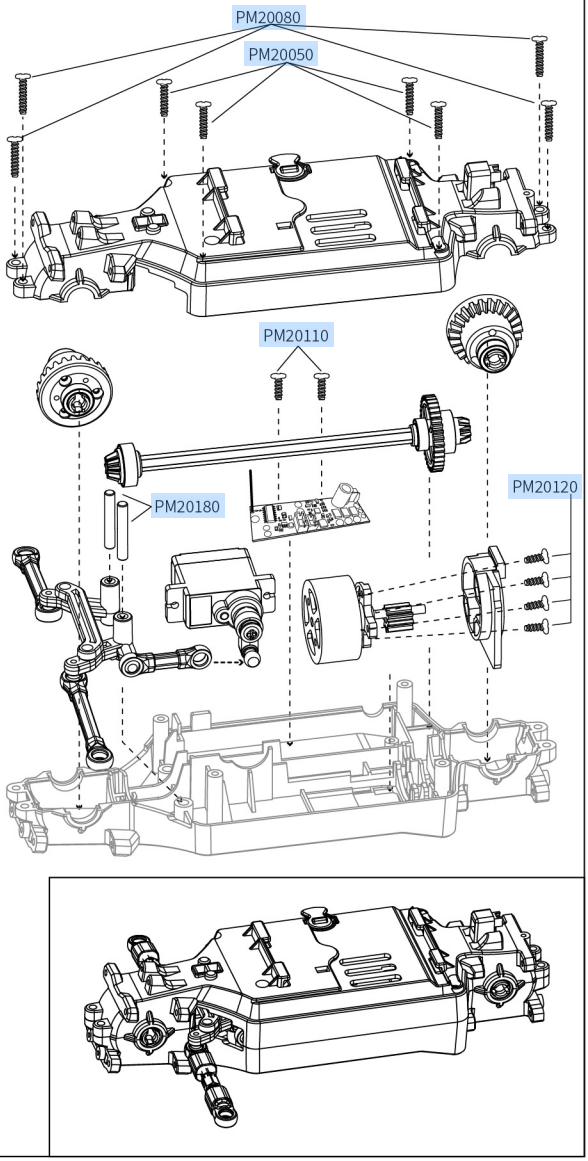


P2050

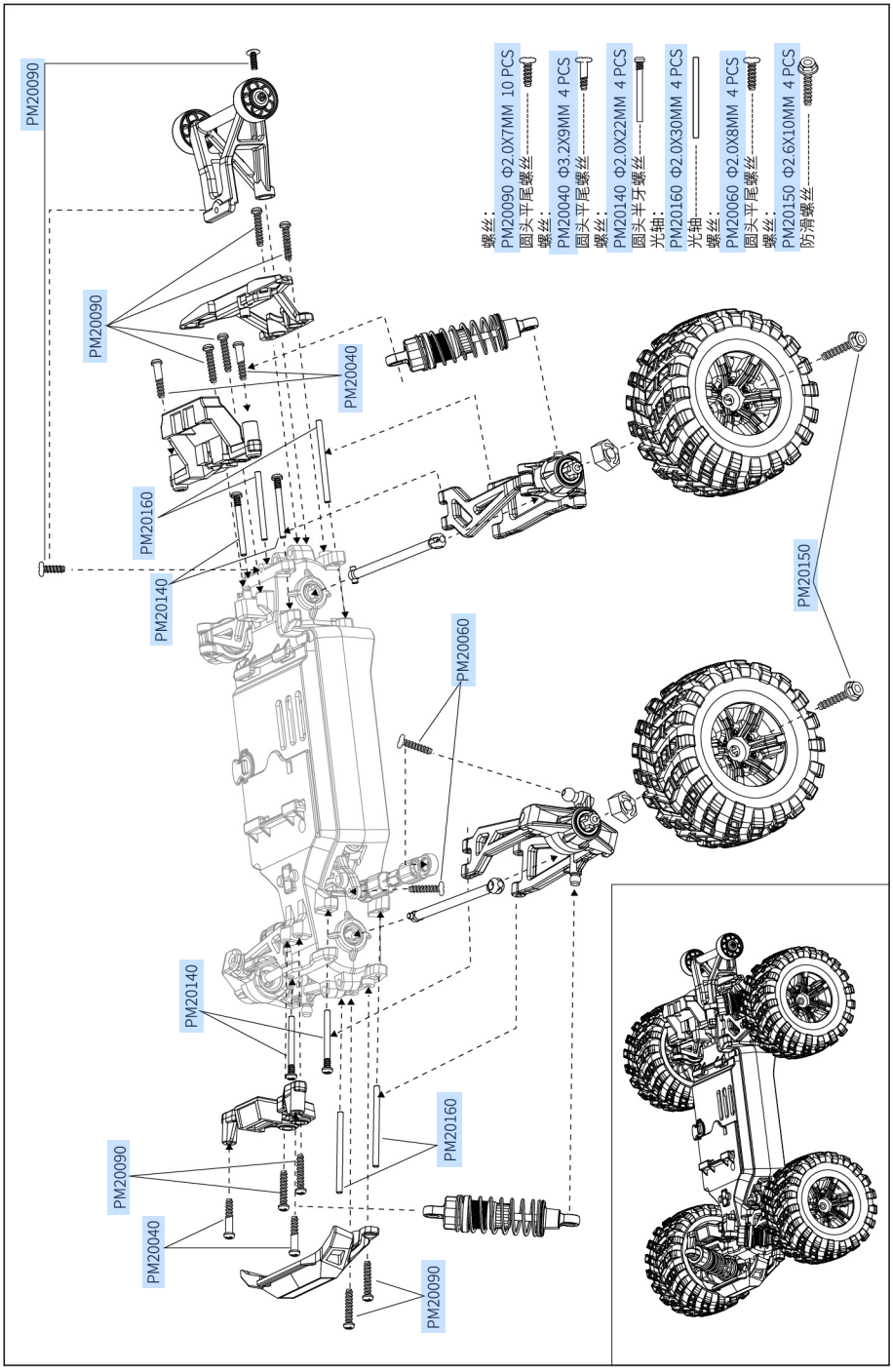
高速车总装 Car Assemble

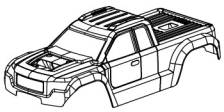
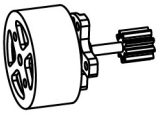
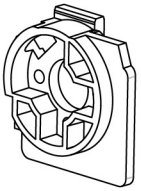
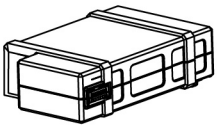
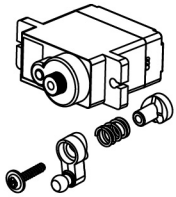
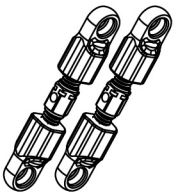
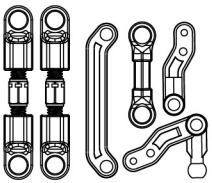
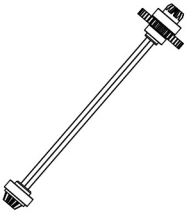
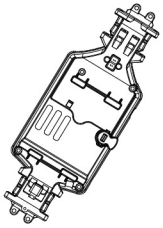
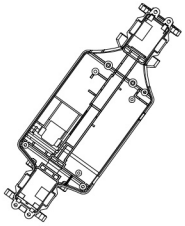
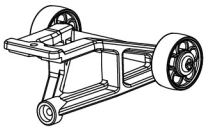
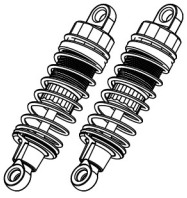
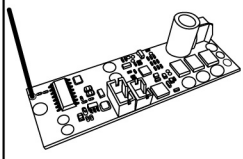
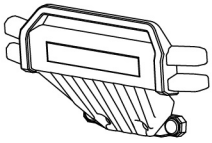
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圆头平尾螺丝
PM20050 Φ2.3X8MM 4 PCS
圆头平尾螺丝

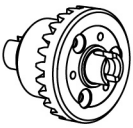
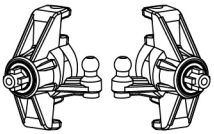
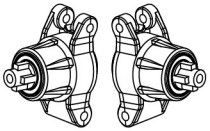
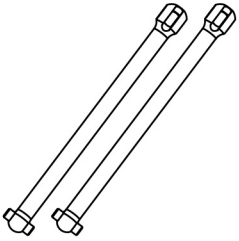
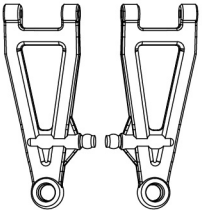
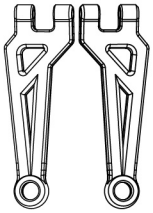
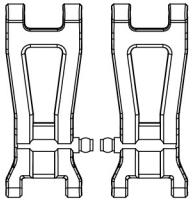
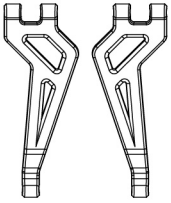
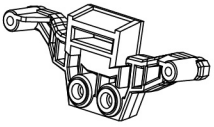
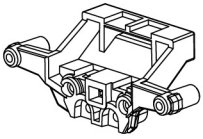
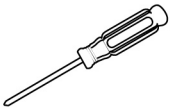
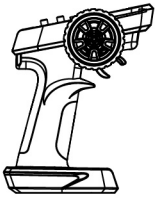
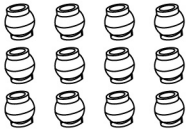
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圆头平尾螺丝
PM20120 Φ2.0X4MM 4 PCS
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PM20180 Φ3.1X20MM 2 PCS
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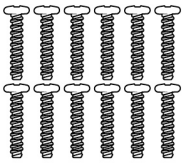
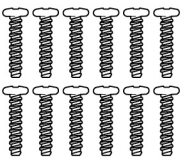
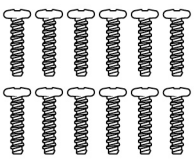
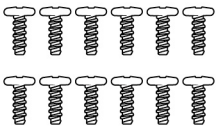
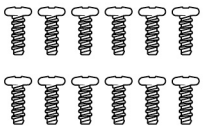
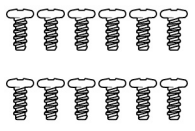
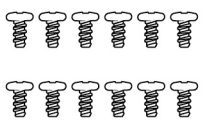
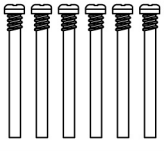
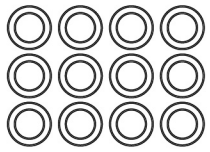


高速车总装 High Speed Car Assemble



			
P2001B 车壳 Body	B1806 电机组件 Motor Assembly	P20393 电机固定座 Motor Guard	PB1050 电池 Battery
			
PS17A 舵机 Servo	P2043 转向拉杆 Steering Linkage	P2042 转向传动组件 Steering transmission components	P2070 舵保 Servo Saver Assembly
			
P2040 传动组件 Gears Main Driving Set	P2030 轮胎(2PCS) Wheel Assembly(2PCS)	P2015U 车架(上) Upper Frame	P2015B 车架(下) Bottom Frame
			
P2012 抬头轮 Wheelie Bar Assembly	P2050 避震 Oil Filled Shock	P20ER 三合一电路板 3-in-1 Circuit Board	P2011B 前防撞 Front Bumper Assembly

			
P2010 后防撞 Rear Bumper Assembly	P2031 差速器 Differential	P2048 转向杯组件 Steering Block Assembly	P2026 后固定座组件 Rear HubsAssembly
			
P2041 狗骨 Propshaft	P2022 前下摆臂 Front Lower Arms	P2021 前上摆臂 Front Lower Arms	P2025 后下摆臂 Rear Lower Arms
			
P2024 后上摆臂 Rear Upper Arms	P2017B 前避震架 Front Shock Tower	P2018B 后避震架 Rear Shock Tower	PM20230 螺丝刀 Screwdriver
			
PM20240 USB 充电线 USB Charging Cable	PM20250 遥控器 Transmitter	PM20190(4.8X5.3MM) 球头 Pivot Balls	PM20011(Φ2.0X11.5MM) 圆头平尾螺丝 Round head flat tail screws

 PM20010(Φ2.0X11.5MM) 圆头平尾螺丝 Round head flat tail screws	 PM20020(Φ2.0X10.5MM) 圆头平尾螺丝 Round head flat tail screws	 PM20030(Φ2.0X10MM) 圆头平尾螺丝 Round head flat tail screws	 PM20040(Φ3.2X9MM) 圆头平尾螺丝 Round head flat tail screws
 PM20050(Φ2.3X8MM) 圆头平尾螺丝 Round head flat tail screws	 PM20060(Φ2.0X8MM) 圆头平尾螺丝 Round head flat tail screws	 PM20070(Φ3.2X7MM) 圆头平尾螺丝 Round head flat tail screws	 PM20080(Φ2.6X7MM) 圆头平尾螺丝 Round head flat tail screws
 PM20090(Φ2.0X7MM) 圆头平尾螺丝 Round head flat tail screws	 PM20100(Φ2.0X6MM) 圆头平尾螺丝 Round head flat tail screws	 PM20110(Φ2.0X5MM) 圆头平尾螺丝 Round head flat tail screws	 PM20120(Φ2.0X4MM) 圆头平尾螺丝 Round head flat tail screws
 PM20130(Φ1.7X8MM) 沉头平尾螺丝 Countersunk head flat tail screw	 PM20140(Φ2.0X22MM) 圆头半牙螺丝 Round head semi-threaded screws	 PM20150(Φ2.6X10MM) 防滑螺丝 Anti-slip screws	 PM20160(Φ2.0X30MM) 光轴 Optical axis
 PM20170(Φ2.0X20MM) 光轴 Optical axis	 PM20180(Φ3.1X20MM) 光轴 Optical axis	 PM20200(7.9X12.7X3.97MM) 轴承 Bearing	 PM20210(6.35X9.5X3.2MM) 轴承 Bearing