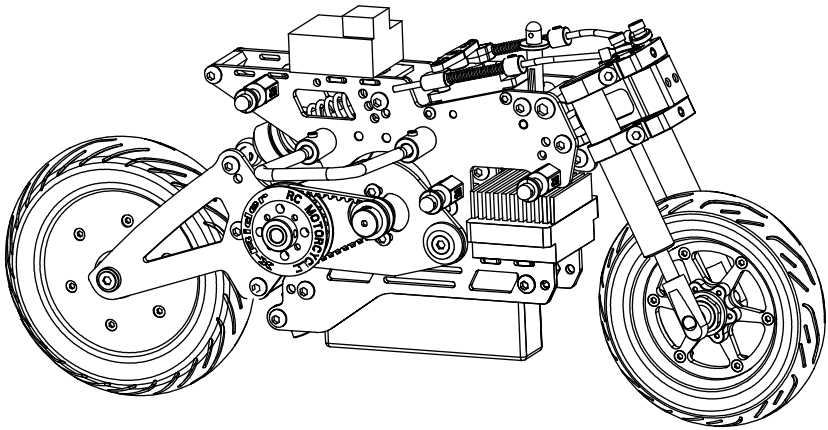




## 1/8 RC Motorcycle 遥控摩托车 Manual 说明书



Thank you for purchasing X-RIDER Mars. We believe that this new motorcycle will bring you infinite happiness. Before use, please read the manual carefully and safe keeping. Accidents are caused by illegal use, the company doesn't undertake any responsibility. The Mars is a sport RC motorcycle.This product has as below features:

- 1 . Innovative design of the front wheel inverted shock absorbers and rear wheel pendulum arm suspension for the most reliable grip performance.
- 2 . Dual steering Linkages has relatively better flexibility in steering
- 3 . Dual belt drive could realize a lower power depreciation
- 4 . Built-in a mechanical gyro in the rear wheel, providing an easy platform to control and a more stable driving experience
- 5 . New design is lightweight and easy maintenance
- 6 . One-piece rear swing with the motor, providing an highly sensitive to control

In order to exert the performance, for maximum enjoyment of this product,please read this manual carefully.

We will have strict testing and debugging before exiting the facility. We promise to customers. Products issue without any material and process problems. We will free for customers to repair within 90 days from the date of purchase. Customer service e-mail: service@cx3rider.com. The warranty doesn't cover crash damage,modification,failure to maintenance, or the damaged caused by improper use.

The warranty doesn't cover any result which caused by the final user's assembly or the material used for final user's assembly.

感谢您购买 X-RIDER 火星摩托车，相信这一全新产品会给您带来无限欢乐。在使用产品前请您认真阅读产品使用指南，并妥善保管。因违反本手册中的安全注意事项及使用事项而导致的事故，本公司不承担任何责任。

火星是一款娱乐级别的（R/C）摩托车模型。本产品拥有以下特点：

- 1 . 拥有像真摩托车的设置，前轮倒立式避震和后轮单摆臂悬架 的结构，实现可靠的抓地性能；
- 2 . 采用双转向推杆设置，更好的实现转向操控的灵活性；
- 3 . 双皮带驱动, 实现更低的动力损耗;
- 4 . 后轮内置机械陀螺仪，操控更容易上手；
- 5 . 车架设计轻量化，维修方便；
- 6 . 马达一体式后摇臂，操控灵敏性更强。

为了更加充分的发挥这些性能，更好的体会其中乐趣，请在使用前仔细阅读说明书。

每辆摩托车出厂前都经过严格的测试与调试，我司保证，客户购买的产品打开包装后，无任何材料及工艺方面的问题。购买之日起90 天内，我司将免费为客户维修。售后联系邮箱为service@cx3rider.com.

由于碰撞，翻车，用户自行更改配置，属于保养或者任何不当使用引起的损坏，将不在保修范围内。

由终端用户自行安装或自行安装所适用的材料引起的任何问题，亦不属于保修范围。

### 【Safety Precautions / 安全说明】

1. The specification of the logo 关于本说明书中使用标识

⚠ Caution: this symbol indicates where caution is essential to avoid injury to yourself or others.

💡 Note: this symbol indicates where give you a tip in use.

⚠ 注意：此标识提醒您注意避免伤害到自己及他人。

💡 提示：此标识是作为一个小提示供使用过程中一个参考。

2. The use of power 关于产品使用的电源

- The product use lithium Polymer battery.
- Never disassemble the polarity required for installation. This may lead to damage and leakage.
- While charging,the Lithium Polymer battery and charger become hot. Do not charge on top of inflammable materials as this may cause fire.
- Do not operate the DC Peak Charger in direct sunlight or in high temperatures. Continually monitor the charger while charging is in progress.
- Short circuit may cause fire or accident so never disassemble or modify the Lithium Polymer battery .
- Lithium Polymer batteries contain toxic metals. An exploding battery is extremely dangerous so never put in fire.
- 本产品使用锂电池。
- 请注意电池的正负极，以确保安装正确，错误的安装可能导致电池的损害及毒性物质泄露。
- 充电时，锂电池及充电器会发热，请不要在易燃材料上充电，否则可能会导致火灾事故等情况发生。

· 请不要在直射阳光下等高温场所进行充电。充电时，请不要长时间在充电附近。

· 短路可能会导致火灾，请不要分解或更改锂电池。

· 锂电池中含有害重金属，如破裂会非常危险，请勿投入火中。

3. The safety of Children 关于儿童安全

- This model is not a toy. It is designed for users over 15 yeas of age.
- A s the product includes small and sharp parts, assemble and store this product only in places out of the reach of children.
- 此模型不是玩具。它为15岁及以上年龄设计。
- 此产品含有微小、尖锐部分，请在组装，使用及保存时避免婴幼儿触及。

4. The safety of User 关于使用者的人身安全

- It's highly recommended that first-time enthusiasts seek the advice of an experienced modeler before operating this vehicle.
- Cutters,wire cutter and screwdrivers need careful handling.
- Do not touch moving gears. They can cause injury.
- During and after operation,the motor and batteries will be hot. Do not touch them until they have had time to cool down.
- 强烈推荐初次接触者在有经验者的指导下组装及操作此产品。
- 请小心使用剪刀，线钳及螺丝刀等。
- 请勿触及转动的齿轮。它们会导致受伤。
- 在模型运行中及运行后一段时间，电机和电池处于极热状态。在其冷却前请勿触及。

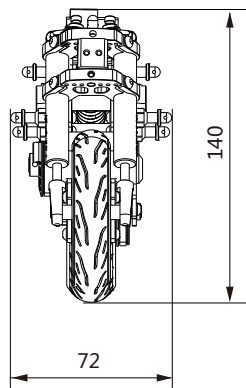
5. The range of use 关于产品的使用范围

- Do not run your car in sandy,dusty,wet conditions,on long wool carpet. Such surfaces can damage its operating parts.
- Do not operate the model on public roads, in crowded places or near infants. It may cause accidents or injury.
- This product emits electrical waves so do not operate: Inside an aircraft. Near automatic devices such as automatic doors and fire alarms. Inside hospitals or medical equipment. Operating may cause accidents.
- 模型禁止在泥沙地，尘土飞扬地，潮湿地，长毛地毯上行驶。在此类表面行驶可导致零部件损坏。
- 请勿在公路，拥挤地区及儿童附近操纵模型，可能会导致危险情况发生。
- 请勿在飞机、自动门或报警器等自动控制机器附近、医院和电子医疗器械周边等场所内使用，本产品发出的电波信号可能 会对上述机器产生影响，造成失误。

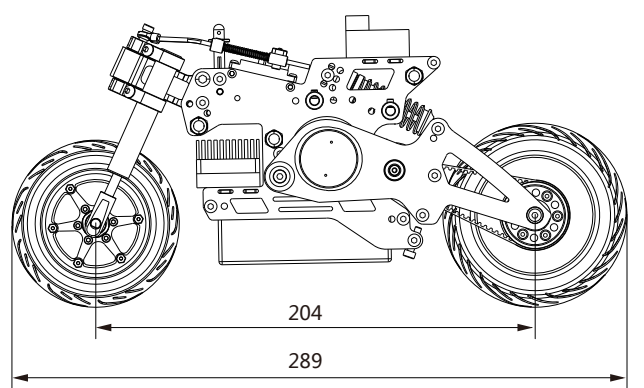
6. The maintenance of product 关于产品的维护与保养

- Do not store this model in a high-temperature/humidity area or in direct sunlight.
- Do not use water,alcohol, or thinner to clean your car's body.
- Simply wipe it down with a clean,soft cloth.
- 请避免将模型放置在高温、潮湿及阳光直晒处。
- 请勿使用水、溶剂等清洗车壳。
- 请用清洁软布擦拭。

### 【The size of Product / 产品尺寸】



Length : 289mm

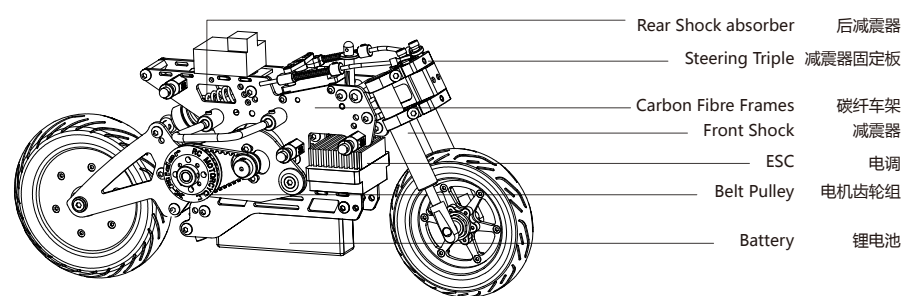
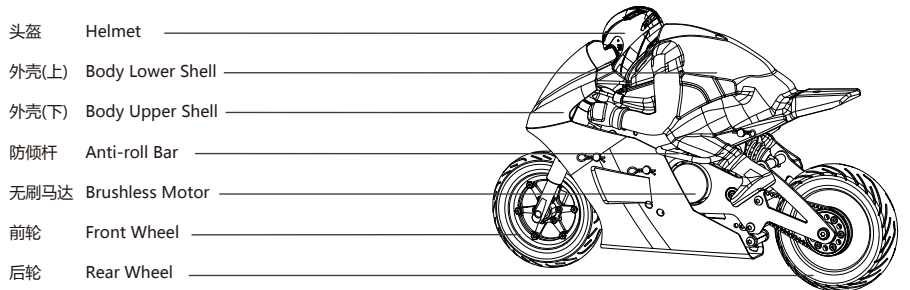


Width : 72mm

Height : 140mm

Wheelbase : 204mm

### 【Illustration of Main Parts / 产品主要部件图示】



【Ready To Run Preparation / 跑前准备工作】

Step1. Check all the parts in the box. 检查包装里的部件

When you open the box, you will find follow parts 打开包装盒，有以下部件：

Motorcycle	Body Set	Sticker	Anti-roll Bars	Manul
车架	车壳	贴纸	防倾杆组	说明书
1set	1set	1pc	1set	2pc

Equipment Sold Separately: 以下配件客户需要单独购买：

Silicone Oil, Screw Glue, Tire Rubber 润滑油，螺丝胶，轮胎胶。

Tool Required 以下工具在操作中有可能会使用到：

Hex screwdriver,Cross Wrench,Cross Screwdrive,Tweezers,Hex Wrench.

内六角螺丝刀，车用小十字扳手，十字螺丝刀，镊子，内六角扳手

Step 2. Remove the R-Clip and the body shell 将车壳和车尾壳底部的R扣拆下并取出上下壳

Step 3. Connect the battery with the ESC. 连接电池与电子调速器的接线

Caution: When connect the battery with the ESC, please keep the ESC in off state.

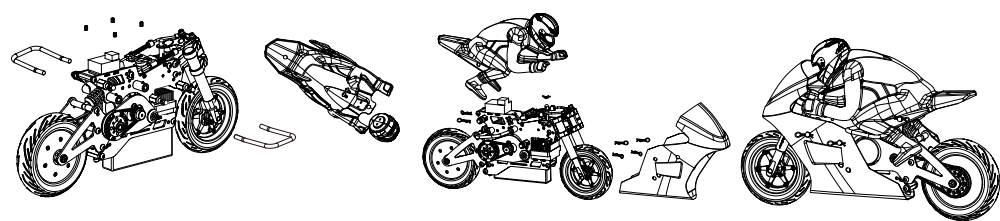
注意：电池连接电调前，请保持电调处于关闭状态。

Step 4. Install anti-roll bars ,body shell and helmet. 安装摩托车的防倾杆、外壳和头盔。

1) Install the aniti-roll bar and put it set into the aniti-roll bar post then lock each of the grains.

将防倾杆安装到车架的插孔位置，并用机米将每个插孔锁紧。

2) Install the helment on the body shell, then install the boday shell on the main frame,fix the body shell post with the R-clip.先将头盔安装在车壳上，再将整个车壳安装在车架上，车壳柱穿过车壳并用R扣固定。



【Steering Setup / 正确行驶的技术要领】

Basic Controls: 基本操作

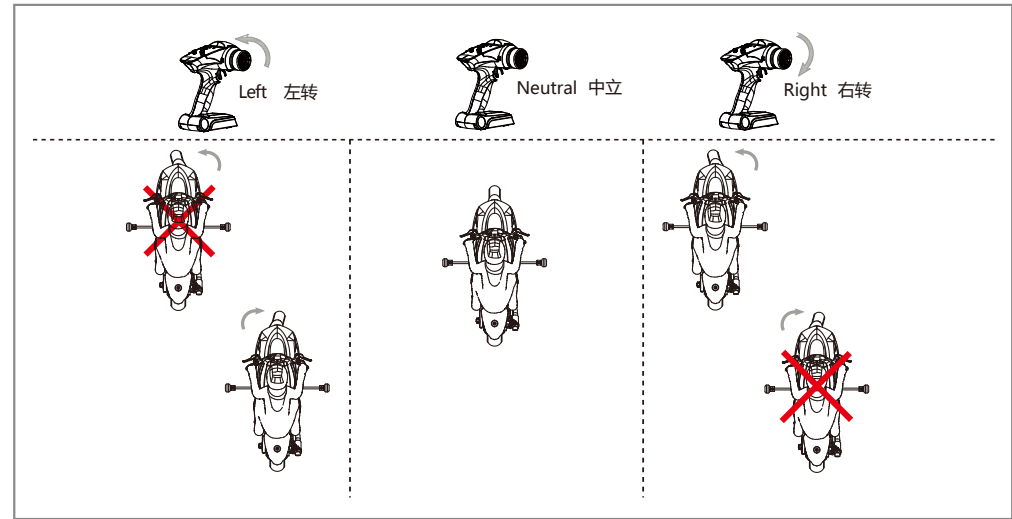
Caution : RC Motorcycle comes with a Counter-Steering System. It means the direction between the transmitter steering wheel and the motorcycle front wheel are opposite.

Please setting AUX of the remote control when power on.(Refer to the manual of the remote control .)

注意：遥控摩托车的操作系统是反向的，遥控器的操控轮与摩托车前轮的方向相反。

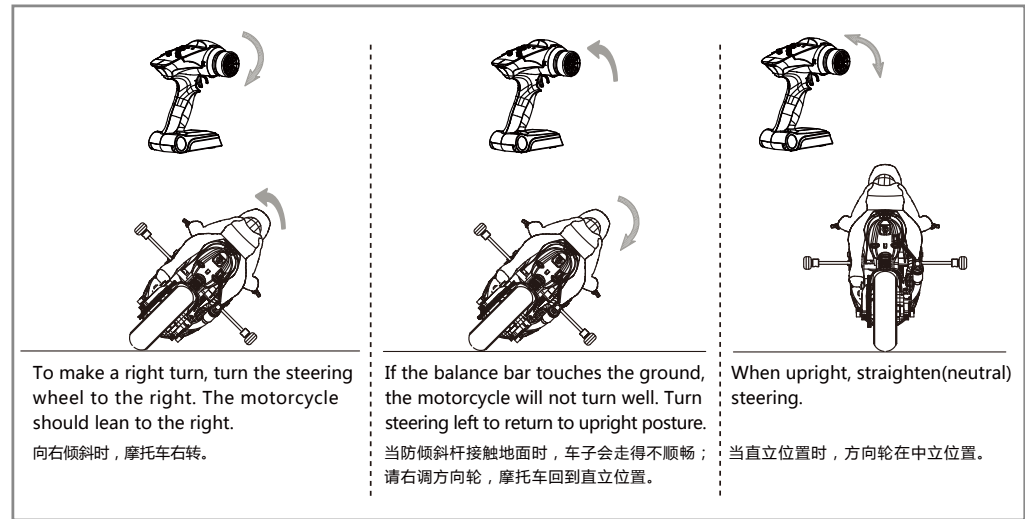
开机之后请对遥控器进行混控设置，三通或四通开关式混控无效（具体的设置请另行参考各品牌遥控器操作）。

如非标配的刹车舵机，操控摩托车之前请设置好刹车舵机的角度行程，以防舵机机构扫齿。



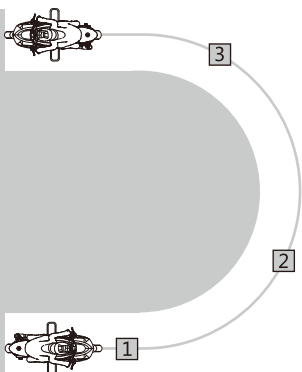
【Steering Setup / 正确行驶的技术要领】

To return the motorcycle from a leaning posture to and upright posture,turn the steering in the opposite direction to the lean. 使摩托车从倾斜位置到直立位置时，请反方面调节。

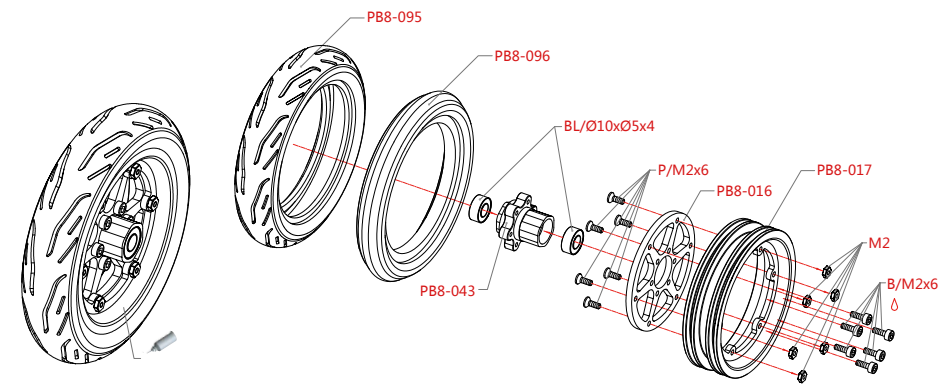


【CORNERING TIPS / 过弯技巧】

- Before entering into the corner,cut off the motor power and keep the bike going with the momentum as smoothly steer the bike little by little. 进弯前收油，控制方向调整入弯姿态。
- While keep steering.accelerate the bike little by little according to the degree of banking and turning radius. 弯中适当回舵，小幅度控制油门。下压角度越大，车速越慢过弯半径小，反之则大。
- In the end of the cornering,steer the bike once toward the opposite side. 出弯缓慢给油，适当回舵扶正车身。



【P1-1】



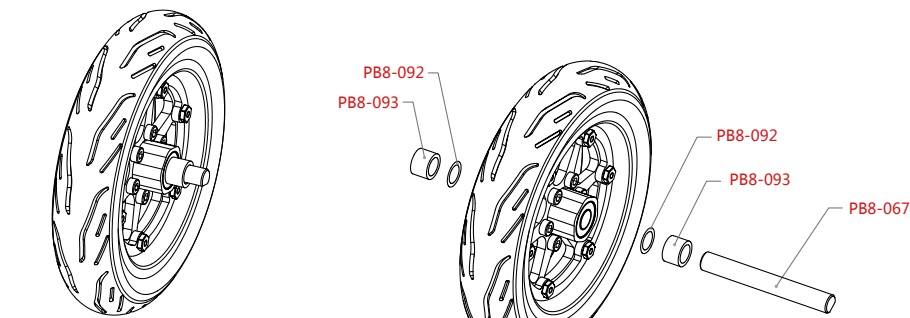
Note : Please coated the screw glue first when screwing down the socket head screw(M2x6).

提示：锁杯头螺丝（M2x6）时需先涂上螺丝胶。

Note : Please apply the rim and the tire with CA glue after finishing assembly. When change the tire,please check the bearing have any injured and apply the gear silicone oil.

提示：完成前轮安装后请将轮辋与轮胎用快干胶固定；如需更换轮胎请检查轴承是否损坏，同时再添加润滑油。

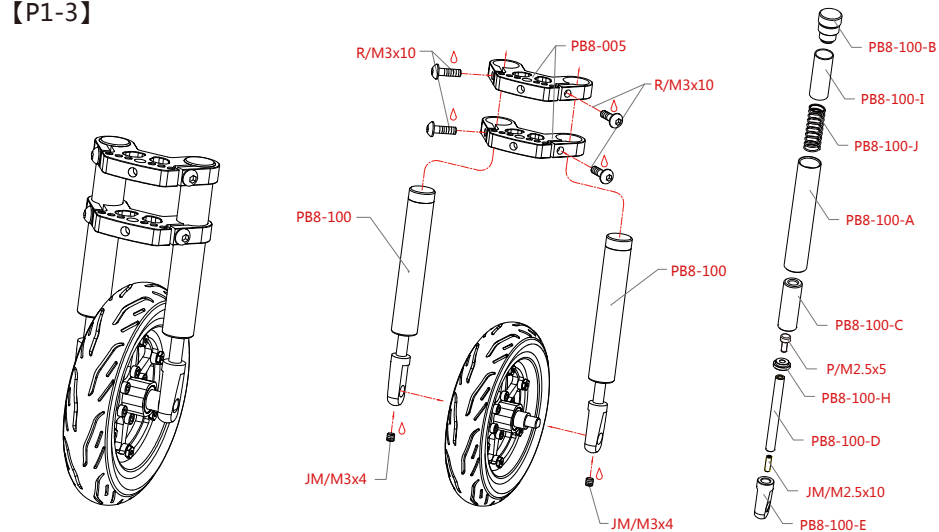
【P1-2】



PB8-092  
Spacer 垫片 Ø5xØ7x0.3

PB8-093  
Spacer 垫片 Ø5.1xØ6.5x4.5

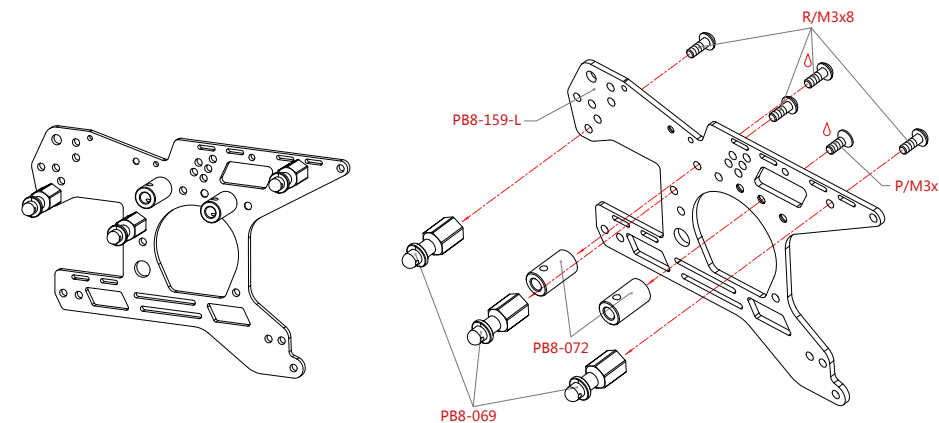
【P1-3】



Note : Apply silicone oil #20000 on the spring, coated the screw glue first when screwing down the round head screw(M3x10) and the grains(M3x4).

提示：弹簧涂上#20000号避震油；锁圆头螺丝（M3x10）和机米（M3x4）时需先涂上螺丝胶。

【P2-1】

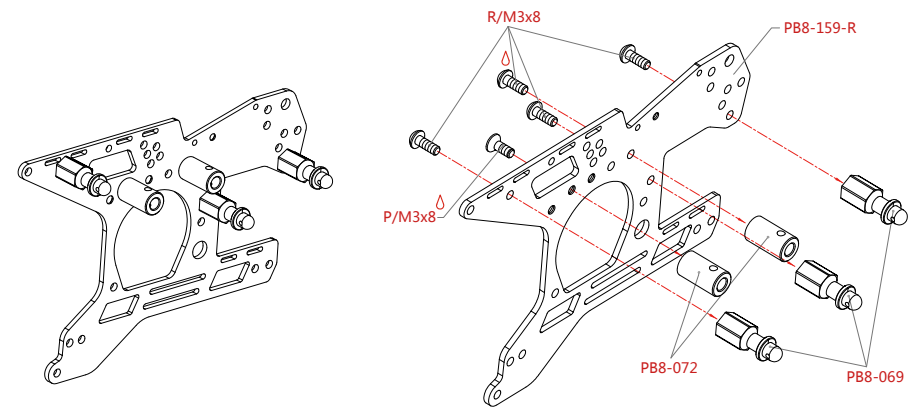


Note : Please coated the screw glue first when screwing down the flat head srew(M3x8) and the round head screw(M3x8).

提示：锁平头螺丝（M3x8）和圆头螺丝（M3x8）时需先涂上螺丝胶。

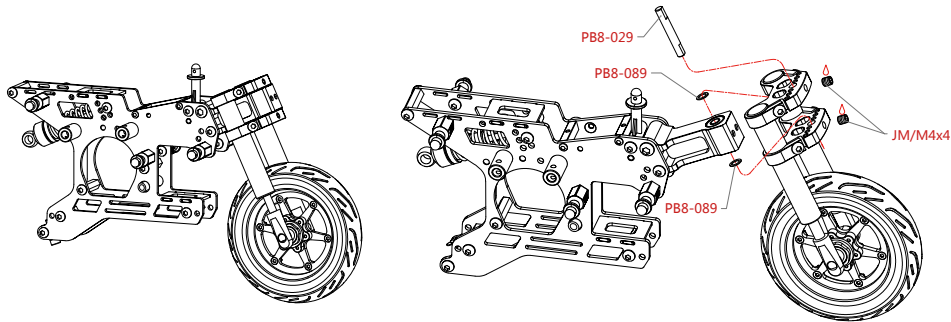


【P2-2】



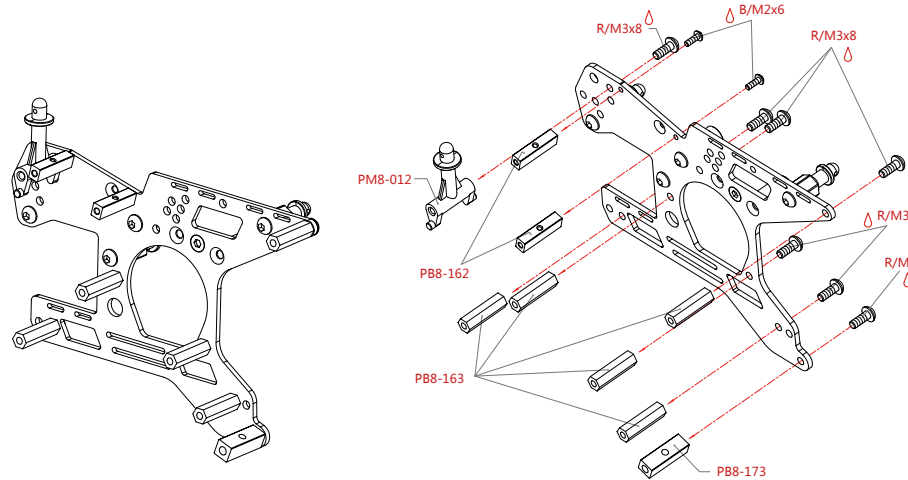
Note : Please coated the screw glue first when screwing down the flat head srew(M3x8) and the round head screw(M3x8).  
提示 : 锁平头螺丝 ( M3x8)和圆头螺丝(M3x8)时需先涂上螺丝胶。

【P2-6】



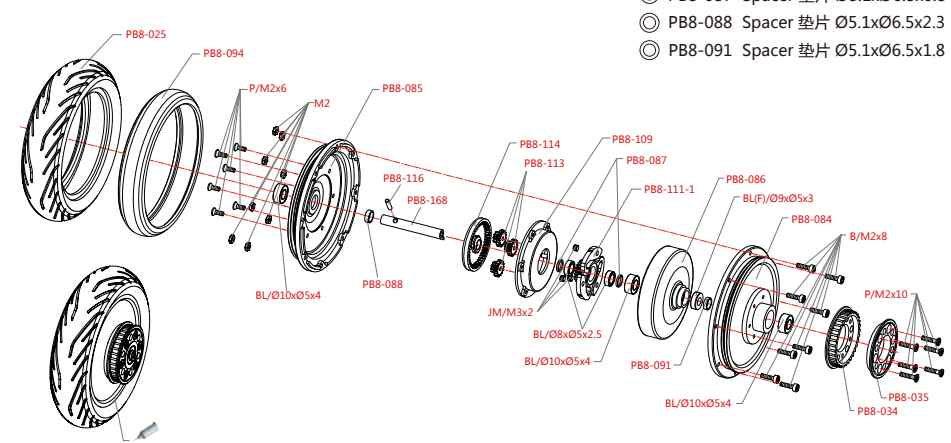
○ PB8-089  
Spacer垫片 Ø4xØ6x0.3  
Note : Please coated the screw glue first when screwing down the grains(M4x4).  
提示 : 锁机米 ( M4x4)时需先涂上螺丝胶。

【P2-3】



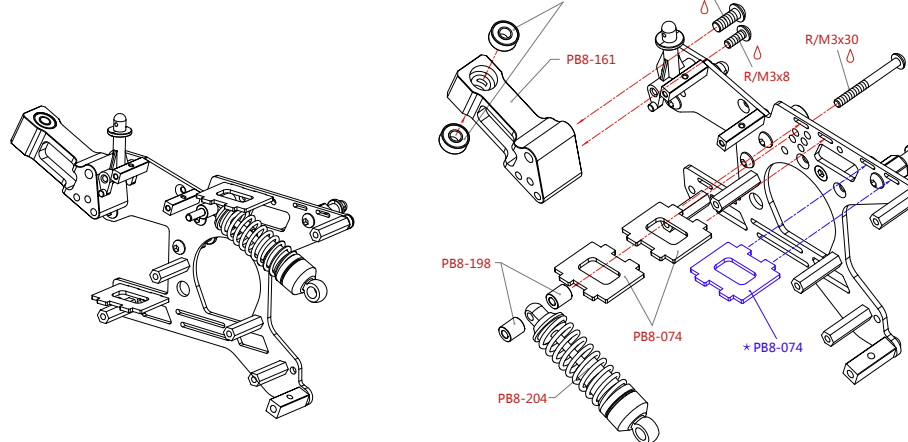
Note : Please coated the screw glue first when screwing down the round head screw (M3x8)&(M3x6)and the scket head screw(M2x6).  
提示 : 圆头螺丝 ( M3x8)&(M3x6)和杯头螺丝 ( M2x6)时需先涂上螺丝胶。

【P3-1】



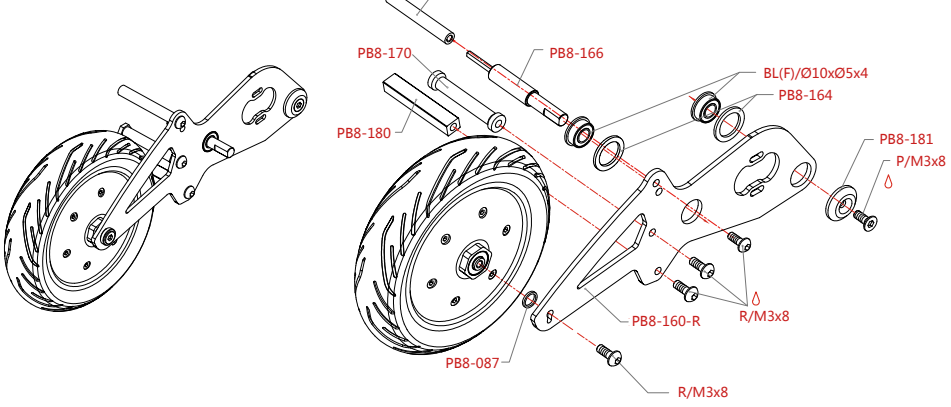
Note : Please coated the screw glue first when screwing down the flat head screw(M2x6) .  
提示 : 锁平头螺丝 ( M2x6 ) 时需先涂上螺丝胶。  
Note : Please grease the planet gear first when install the gyro pocket. Pls apply the rim and the tire with CA glue after finishing assembly. When change the tire , please check the bearing have any injured and apply the gear silicone oil.  
提示 : 安装陀螺仪时请在行星齿上添加润滑油；完成陀螺仪安装后请将陀螺仪上下盖与轮胎用快干胶固定；如需更换轮胎请检查轴承是否损坏，同时再添加润滑油。

【P2-4】



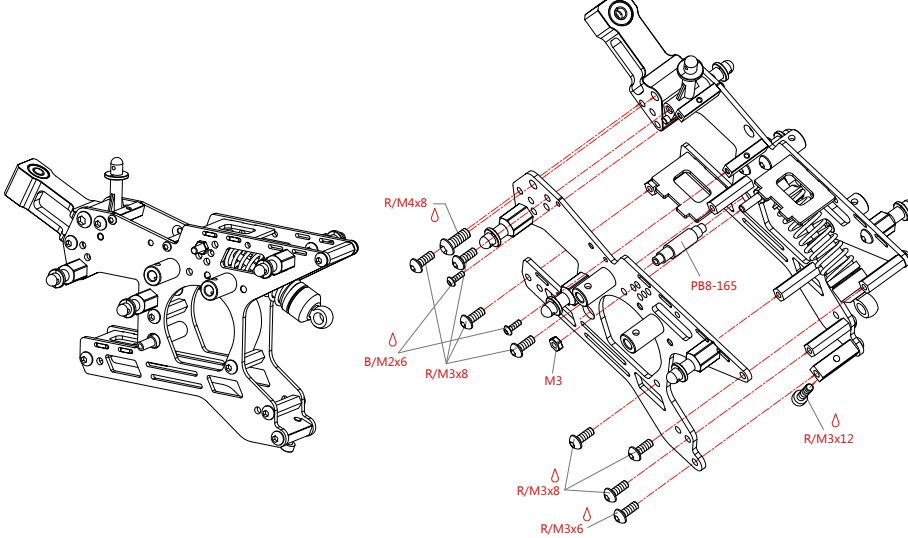
Note : Inject silicone oil #900-5000 into the rear shock absorber according the different site;  
Please coated the round head screw (M3x8) &(M3x30) &(M4x8).  
提示 : 根据不同场地灌入#900-5000避震油；  
锁圆头螺丝 ( M3x8) &(M3x30) &(M4x8)时需先涂上螺丝胶。  
★ Please set PB8-074 back a position if upgrade the mechanical brake.  
★ 升级成机械刹车时请把PB8-074挪后一个孔位。

【P3-2】



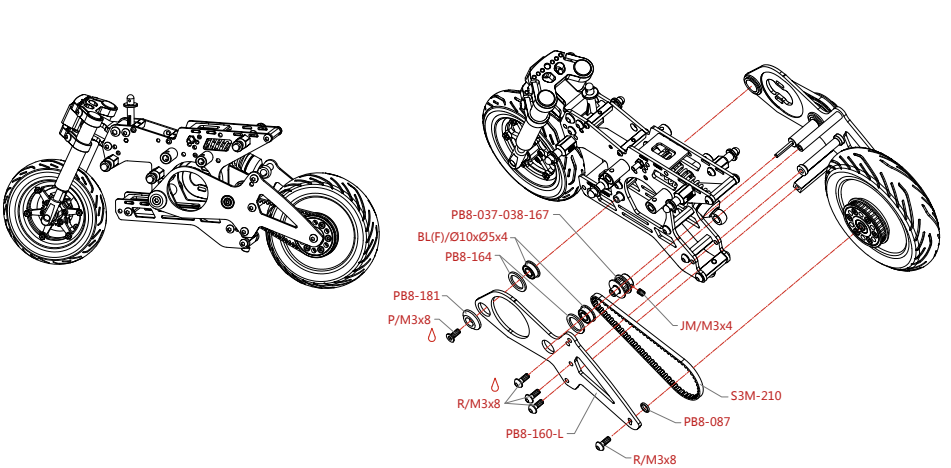
○ PB8-164 Spacer 垫片 Ø10.1xØ14x1  
○ PB8-087 Spacer 垫片 Ø5.1xØ6.5x0.8  
Note : Please coated the screw glue first when screwing down the flat head screw( M3x8) and the roud head screw(M3x8).  
提示 : 锁平头螺丝 ( M3x8 ) 和圆头螺丝 ( M3x8 ) 时需先涂上螺丝胶。

【P2-5】



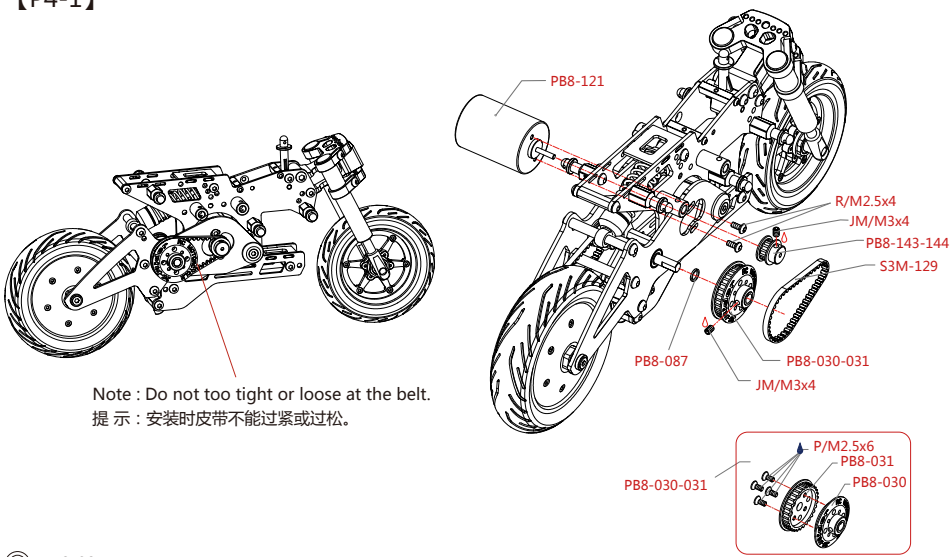
Note : Please coated the screw glue first when screwing down the socket head screw(M2x6) and the round head screw (M3x8)(M3x6)(M3x12)&(M4x8).  
提示 : 锁杯头螺丝(M2x6)和圆头螺丝 ( M3x8 ) ( M3x6 ) (M3x12)& ( M4x8 ) 时需先涂上螺丝胶。

【P3-3】



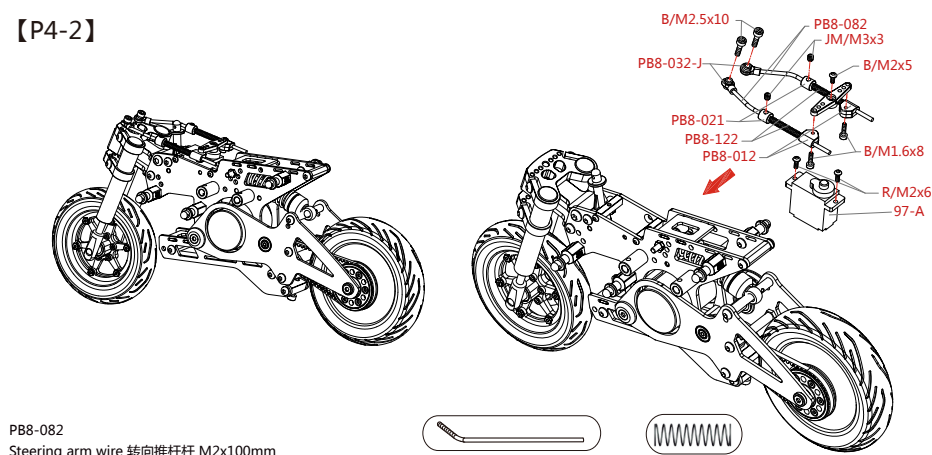
Note : Do not too tight or loose at the belt.  
Please coated the screw glue first when screwing down the round head srew(M3x8)&The flat head screw(M3x8) and the grains(M3x4).  
提示 : 安装时皮带不能过紧或过松。  
锁圆头螺丝(M3x8)平头螺丝 ( M3x8 ) 和机米 ( M3x4 ) 时需先涂上螺丝胶。

【P4-1】



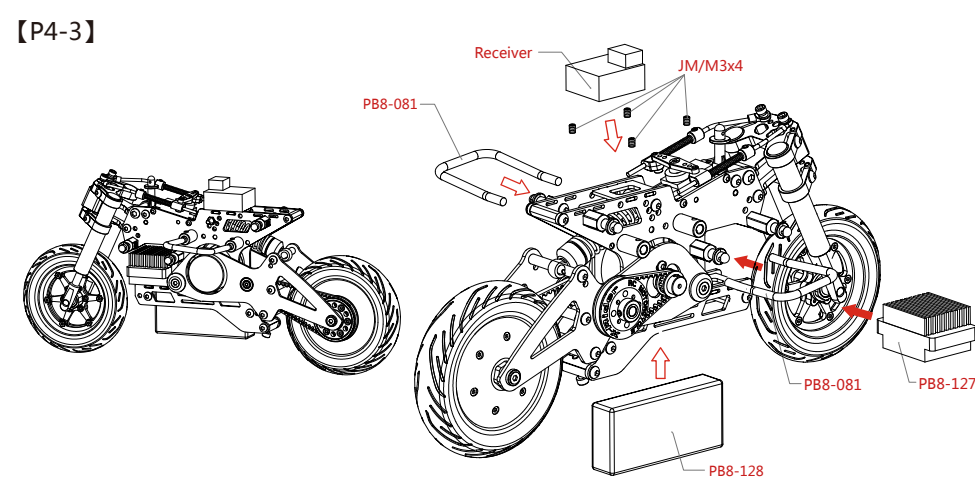
◎ PB8-087  
Spacer 垫片 Ø5.1xØ6.5x0.8  
Note : Please coated the screw glue first when screwing down , the flat head screw (M2.5x6) and the grains(M3x4).  
提示 : 锁平头螺丝 ( M2.5x6)和机米 ( M3x4)时需先涂上螺丝胶。

【P4-2】



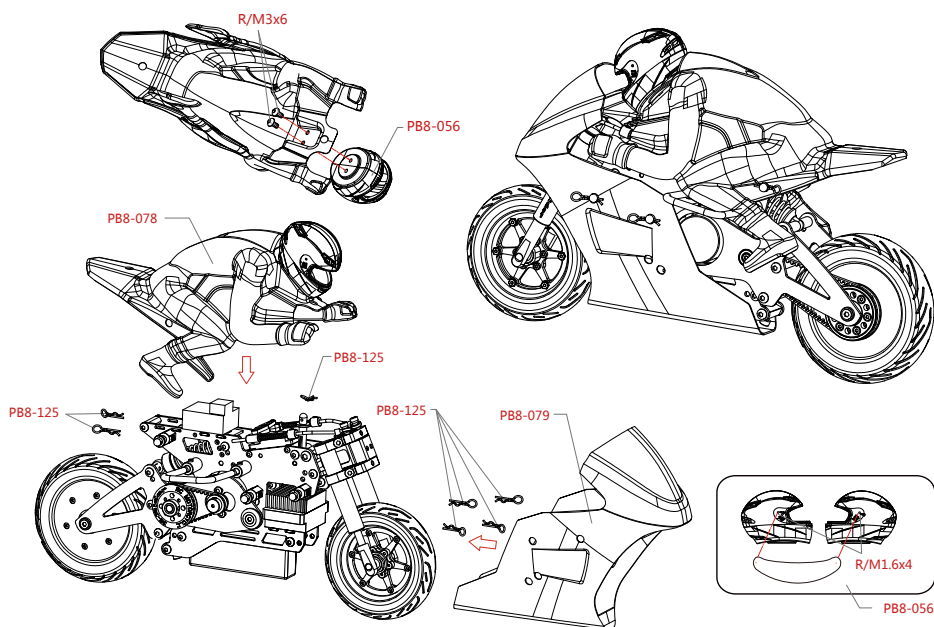
PB8-082  
Steering arm wire 转向推杆杆 M2x100mm  
Note : If the motorcycle does not run straight even after adjusting the steering trim or steering movement is not responding properly.It is possible the steering arm is bent. In this case, please use the include tweezers to gradually, while not operating the steering.  
提示 : 如果在调整转向微调后摩托车仍然不能直线行驶或者转向正确的方面, 很有可能是因为转向螺纹杆弯曲了, 这种情况, 请在不操作转向的状态下, 通过工具, 将转向螺纹杆向中心位置调整。  
PB8-122  
Spring 弹簧 Ø3x0.4x22  
Note : The Spring should free move ; do not too tight or loose.  
提示 : 安装弹簧时不能太松或太紧。  
PB8-012  
Steering slide转向推杆配件  
Note : Do not over tighten to ensure free  
提示 : 安装转向推杆配件不能太紧, 需自由活动。

【P4-3】



Note : The crash bar can use different shapes in different site.  
提示 : 根据不同的场地可选择不同形状的防倾杆  
Suitable for smoothness road and high wear resistance.  
适合在较为平整的路面使用, 优点是耐磨度高。  
Suitable for bumpy and rough road, slide like a wheel, reduce the bump.  
适合在较为凹凸不平的路面使用, 优点像大轮子在地面滑行, 减少边角与路面的碰撞, 但耐磨度减低。

【P4-4】



Past List 零配件

Ref. No/图号	零件名称	Part Name	Qty/数量
PB8-005	减震器固定板	Steering Triples	2
PB8-012	转向推杆配件	Steering Slide Parts	2
PM8-012	车壳固定柱	Body Shell Post	1
PB8-016	前轮钢碳板	Front Wheel Rim Plate	1
PB8-017	前轮圈	Front Wheel Rim	1
PB8-021	定位柱	Cable Post	2
PB8-025	后轮胎	Rear Tire	1
PB8-029	转向轴	Steering Shaft	1
PB8-030-031	30齿皮带轮	30T Gear Belt Pulley	1
PB8-032-J	球头	Ball Stud	2
PB8-034-035	33齿皮带轮	33T Gear Belt Pulley	1
PB8-143-144	10齿皮带轮	10T Gear Belt Pulley	1
PB8-100	前减震器	Front Shock Absorber	2
PB8-043	前轮毂	Front Hub	1
PB8-056	头盔	Helmet	1
PB8-198	后减震器固定柱	Shock Post	2
PB8-067	前轮轴	Front Wheel Shaft	1
PB8-069	车壳固定柱	Body Shell Post	6
PB8-072	防倾杆固定座	Aniti-roll Bar Post	4
PB8-074	电调固定板	ESC Fixed Plate	2
PB8-078	上壳	Body Upper Shell	1
PB8-079	下壳	Body Lower Shell	1
PB8-081	防倾杆	Aniti-roll Bars	4
PB8-082	转向推杆杆	Steering Arm	2
PB8-084	陀螺仪上盖	Gyro Upper Cover	1
PB8-085	陀螺仪下盖	Gyro Lower Cover	1
PB8-086	陀螺仪飞轮	Gyro Flywheel	1
PB8-087	垫片Ø5.1xØ6.5x0.8	SpacerØ5.1xØ6.5x0.8	5
PB8-088	垫片Ø5.1xØ6.5x2.3	SpacerØ5.1xØ6.5x2.3	1
PB8-089	垫片Ø4xØ6x0.3	Spacer Ø4xØ6x0.3	2
PB8-091	垫片Ø5.1xØ6.5x1.8	Spacer Ø5.1xØ6.5x1.8	1
PB8-092	垫片Ø5xØ7x0.3	SpacerØ5xØ7x0.3	2
PB8-093	垫片Ø5.1xØ6.5x4.5	SpacerØ5.1xØ6.5x4.5	2
PB8-094	陀螺仪轮内胎	Gyro Inner Tube	1
PB8-095	前轮胎	Front Tire	1
PB8-096	前轮内胎	Front Inner Tube	1
PB8-109	陀螺仪齿轮盖	Gyro Gear Cover	1
PB8-111-1	陀螺仪离合器	Gyro Clutch	1
PB8-113	陀螺仪行星齿	Gyro Planet Gear	3
PB8-114	陀螺仪内齿	Gyro Inner Gear	1
PB8-116	陀螺仪轴销	Gyro Pin	1
PB8-121	电机	Motor	1
PB8-122	弹簧Ø3X0.4X22	Spring Ø3X0.4X22	2
PB8-125	R扣	R Clip	10
PB8-127	电调	ESC	1
PB8-128	电池	Battery	1
PB8-159-L	车架左侧板	Main Frame L	1
PB8-159-R	车架右侧板	Main Frame R	1
PB8-160-L	后摇臂碳板	Rear Swing Plate L	1
PB8-160-R	后摇臂碳板	Rear Swing Plate R	1
PB8-161	转向臂	Steering Pivot	1
PB8-162	舵机固定柱	Servo Post	2
PB8-163	车架固定柱	Frame Post	5
PB8-164	垫片Ø10.1xØ14x1	Spacer Ø10.1xØ14x1	2
PB8-165	后摇臂固定柱	Rear Swing Post	1
PB8-166	后摇臂轴	Rear Swing Shaft	1
PB8-037-038-167	12齿皮带轮	12T Gear Belt Pulley	1
PB8-168	陀螺仪轴	Gyro Shaft	1
PB8-170	后摇臂固定柱	Rear Swing Post	1
PB8-199	后减震器固定柱	Shock Post	1
PB8-173	车高调节柱	Bike Height Control Post	1
PB8-180	后摇臂固定柱	Rear Swing Post	1
PB8-181	垫片Ø14xØ6.3x3	Spacer Ø14xØ6.3x3	2
PB8-204	后减震器	Shock Absorber	1
97-A	方向舵机	Steering Servo	1
S3M-129	电机皮带	Motor Belt	1
S3M-210	传动皮带	Diver Belt	1
B/M1.6x8	杯头螺丝M1.6x8	Socket Head Screw M1.6x8	2
B/M2.5x10	杯头螺丝M2.5x10	Socket Head Screw M2.5x10	2
B/M2x5	杯头螺丝M2x5	Socket Head Screw M2x5	1
B/M2x6	杯头螺丝M2x6	Socket Head Screw M2x6	10
B/M2x8	杯头螺丝M2x8	Socket Head Screw M2x8	8
R/M3x12	圆头螺丝M3x12	Round Head Screw M3x12	1
R/M1.6x4	圆头螺丝M1.6x4	Round Head Screw M1.6x4	2
R/M2.5x4	圆头螺丝M2.5x4	Round Head ScrewM2.5x4	2
R/M3x10	圆头螺丝M3x10	Round Head ScrewM3x10	4
R/M3x30	圆头螺丝M3x30	Round Head ScrewM3x30	1
R/M3x6	圆头螺丝M3x6	Round Head ScrewM3x6	4
R/M3x8	圆头螺丝M3x8	Round Head ScrewM3x8	30
R/M4x8	圆头螺丝M4x8	Round Head ScrewM4x8	2
P/M2.5x6	平头螺丝M2.5x6	Flat Head ScrewM2.5x6	4
P/M2x10	平头螺丝M2x10	Flat Head ScrewM2x10	6
P/M2x6	平头螺丝M2x6	Flat Head ScrewM2x6	12
P/M3x8	平头螺丝M3x8	Flat Head ScrewM3x8	4
BL(F)/Ø9xØ5x3	法兰轴承Ø9xØ5x3	Flange BearingØ9xØ5x3	1
BL(F)/Ø10xØ5x4	法兰轴承Ø10xØ5x4	Flange Bearing Ø10xØ5x4	4
BL/Ø10xØ5x4	轴承Ø10xØ5x4	Bearing Ø10xØ5x4	5
BL/Ø10xØ4x4	轴承Ø10xØ4x4	Bearing Ø10xØ4x4	2
BL/Ø8xØ5x2.5	轴承Ø8xØ5x2.5	Bearing Ø8xØ5x2.5	2
JM/M3x2	机米M3x2	Grains M3x2	3
JM/M3x3	机米M3x3	Grains M3x3	2
JM/M3x4	机米M3x4	Grains M3x4	15
JM/M4x4	机米M4x4	Grains M4x4	2
M2	螺母M2	Nut M2	14
M3	螺母M3	Nut M3	1