



2.4GHz全比例同步遥控系统
2.4G 2CH full scale synchronous RC system

RP-01

电动赛车 RTR

Electric Racing

模型车说明书

Model car operation manual

(1/16高性能漂移赛车)

(1:16 high performance drift racing)



- 初次装配者，如果不明白每一步骤说明，应在装配前，请教有经验的人。
First-time builder should seek advice from people having building experience in order to assemble the model correctly and to produce its performance to full extent.
- 装配工具箱应放在儿童摸不到的地方。
Assemble this kit only in places out of children's reach.
- 操作此模型时应有高度警惕。
Take enough safety precautions prior to operating this model.
- 你应为此模型的安全操作负责任。
You are responsible for this model's assembly and safe operation.
- 在完成组装之后，请保存此安装手册，以备将来所用。
Always keep its instruction manual ready at hand for quick reference, even after completing the assembly.
- 警告：此模型并非玩具，不适合14岁以下的儿童操作。
Warning: This model is not a toy, not suitable for children under 14 years old.
- 产品规格及参数仅供参考。
The product specifications and parameters may vary from the illustration on the package.
- 产品若有任何改变，恕不另行通知。
Products are subject to change without notice.

安全说明和警告(Safe instruction and caution)	1
安全防范(Safety precautions)	2
产品介绍(Product introduction)	3
遥控说明(Remote control illustration)	3
遥控、底盘的装配(Transmitter and chassis assembly)	4
操作的检查与维护(Checking and maintain before running)	5
.....	6
部件分解图(Assemble exploded view)	7
.....	8
.....	9
零件表(Part list)	10
.....	11
.....	12

安全注意事项

<SAFETY PRECAUTIONS>

- 此无线遥控模型并非玩具!
It is a radio control model, not a toy!
- 操作前要完成装配,以便可享受到更多的乐趣。操作后要作维护工作,替换零件和自选零件可分开用。
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.
- 干电池或充电电池的 inappropriate 使用, 会损害车或无线电台的系统。
Improper usage with Alkaline cells or rechargeable batteries may damage the electronics for the car or the radio.

为了安全地操作此模型, 请遵守以下规定:

<IN ORDER TO OPERATE THE CAR SAFELY, BE SURE THAT YOU HAVE OBSERVED THE FOLLOWING POINTS>



警告: WARNING

为了避免发生事故(对车和人而言), 请遵循以下各项。
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。
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.



- 勿反接或分解电池, 这会导致电池的破损或漏液。
Never reverse connection/disassemble the battery. This may lead to damage and leakage.



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



- 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。
Do not operate the model on public roads, in crowded places and near infant as it may cause accidents.



警告: WARNING

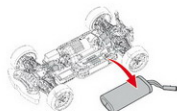
请遵循以下操作步骤, 以免你的身体受到伤害或损害到材料的特性。
Please follow the following steps to operate, in order to prevent hurt to your body or damage of material property.



- 刀具, 镊子, 螺丝等需小心处理。
Cutters, nippers and screwdrivers need careful handling.



- 涂装时, 必须在通风设备好的地方。
It must be in good ventilation equipment when paint.



- 当模型不使用时, 先关闭模型车、后关闭遥控器电源。此外, 断开模型车的电池连接, 并从遥控器中取出电池, 以免电池过放或漏液。
When the model is not in use, always turn off the power of model car first, and then turn off the transmitter. Further more, disconnect the batteries of model car and remove all the batteries from the transmitter. This may be dangerous such as excessive placed and leakage.



- 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。(2.4G系统对频时不要同时或太近同他人一起对频操作)
Never share the same frequency with somebody else at the same time. Radio signals will be mixed and you will lose control of your model. This may lead to accidents. (When 2.4G system match frequency, don't operation at the same time or close to another person.)



- 勿把模型存放在高温、潮湿及阳光直射的地方。
Do not expose this model to high temperature, humidity or direct sunlight.

安全操作模型(OPERATING YOUR MODEL SAFELY)



警告: WARNING

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

- 只可在空旷无人的地方使用本车!
勿在以下地方使用本车:
Operate your model in spacious areas ONLY with few people around! Do not operate it:
 - 1、公路上。
 - 2、儿童或人群聚集的地方。
 - 3、生活区公园里。
 - 4、室内或空间有限的地方。不遵循操作惯例可能会导致人身伤害或财产损失!
 - 1、On road!
 - 2、In places where children and many people gather!
 - 3、In residential districts and parks!
 - 4、Indoors and in limited space! Non-observance may result in personal injury and property damage!
- 当车子行动异常时立即停止使用并检查其原因。
The car must stop immediately and check for the reasons when it is operating abnormal.
只要车子故障未被清除, 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。
As long as the problem is not cleared, do NOT operate it! This may lead to further trouble and unforeseen accidents!

- 须经常检查无线电台的干电池!
Always check the radio dry batteries!

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



- 保持警惕, 周围可能有人也在操作模型车!
Keep in mind that people around you may also operate a radio control model!

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。

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.



警告: WARNING

为了避免发生事故或受伤, 请遵守以下规定:

In order to avoid accidents and personal injury, be sure that you have observe the following points:

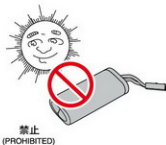
● 电池的安全:

The safety of battery

- 1、将耗尽电量的电池交给专门的环保部门处理!
- 2、非充电电池禁止充电, 否则可能有爆炸的危险!
- 3、不可将电池扔进火源里, 否则可能引起电池爆炸!
- 4、不可吞嚼电池!
- 5、将电池放在凉爽、干燥避免及小孩接触不到的地方!
- 6、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。
- 1、Exhaust battery should be safely dispose!
- 2、Non rechargeable batteries are not to be recharged, there is danger of explosion!
- 3、Do not throw the battery into a fire! There is danger of explosion!
- 4、Do not swallow battery!
- 5、Store only in cool, dry and dark places and should be keep out of the children!
- 6、When the battery leaks the liquid and let it into your eyes, please right away rinse them and consult an ophthalmologist.

- 不可将手指或其他物体放进正在旋转或移动的部件中。
Do NOT put fingers or any objects inside rotating and moving parts!

- 刚使用完毕时, 勿触摸马达, 因有烫伤危险!
Right after use, do NOT touch the motor! Danger of burning yourself!



禁止
(PROHIBITED)



禁止
(PROHIBITED)



禁止
(PROHIBITED)

内容(Contents)

包含以下配件 Included the following parts

- 7.4V 1500 mAh
7.4V 1800 mAh (另购)
大倍率锂电池
7.4V 1500 mAh
7.4V 1800 mAh (Not included)
Large power Li-Ion battery



- 智能充电器
Intelligent
Charger



- 十字扳钳(小的)
Cross
Wrench(small)



- 六角扳手
Hexagonal
wrench



- 遥控器用的4节
AA碱性电池需
要另购。
4x AA Alkaline
batteries for transmitter
(Not included)



- 减震调节卡扣
Damping adjustment lock



1mm(x4)



2mm(x4)



3mm(x4)

- 转向摇臂
Steering rocker



- 球头螺丝
Ball head screw



(x2)

- 舵机锁扣
Servo lock catch



- 一体式差速齿轮
Monocoque differential gear



20T



22T



24T

升级配件另购 Not included the upgrade parts

- 摇臂加强连杆
Rocker reinforcing link
rod



(x4)

- 球头螺丝
Ball head screw



(x8)

升级包 Upgrade patch



一体式伞齿(大)
Monocoque umbrella
gear(big)



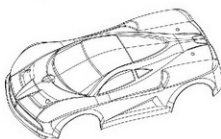
8x10 垫片
8x10 Washer

警告: 驱动齿轮只可以装配前波箱, 使用场地方: 漂移、沙地、草地、山地, 否则容易损坏!
Warning: The drive gear only can be assemble for front gear box, operation place is: drift, sand, grassland and mountain, otherwise it will easily damage!

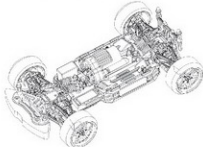
- 遥控器
Transmitter



- 车壳
Body



- 1:16 4WD 模型
1:16 4WD model



无线电接收装置(About the Radio)

⚠ 注意(Attention)

必须使用附带的遥控器控制车子。
The transmitter must use the attached to control the car.

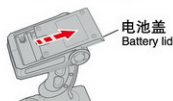
本公司为模型车配置了一个新式遥控器。请仔细阅读说明书上的操作内容。下列是遥控器各功能的说明。
Our company has been configured a new-style transmitter for model car. Please read the instruction manual carefully. The following is the transmitter's description of all functions.



遥控器的装配(Assembly of the transmitter)

1 装入电池 (Loading Batteries)

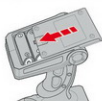
- ①、移开电池盖
Remove the battery lid



- ②、如图所示，装入4粒AA号碱性电池。并注意电池正负极是否正确装入。Load 4 AA-size Alkaline batteries as shown in the illustration. Caution: install batteries with correct polarity.

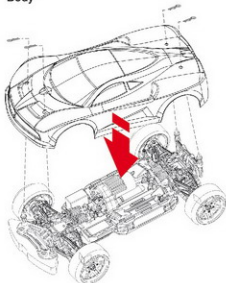


- ③、如图所示合上电池盖。Replace the lid as shown.



底盘的装配(Assembly of the chassis)

车身
Body



接收器
Receiver

舵机输出插座
Servo output socket



双LED电源插座
Dual LED power socket

开关插座
Switch socket

7.4V电源输入
7.4V Power input

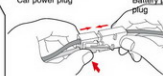
马达输出
Motor output

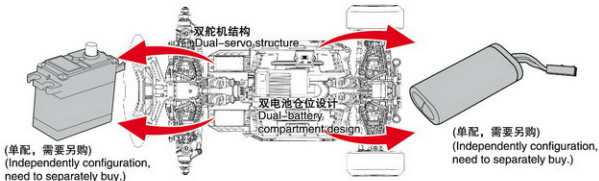
电池安装
Install battery



模型车电源接口
Car power plug

电池组接口
Battery pack plug





操作前的检查(Pre-Run Check)



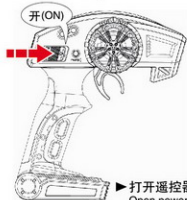
注意(Cautions):

- ▶ 每次操作应先打开遥控器开关后再打开车子底盘开关。
Always first switch ON the power switch of the transmitter and then switch ON the power switch of chassis on the car before use.
- ▶ 关闭控制模型前应先关闭车子底盘开关,后再关闭遥控器开关。
Switch OFF the power switch of chassis and then switch OFF the power switch of the transmitter after playing.
- ▶ 如果长时间不使用模型, 请取出所有电池。
Remove all batteries when it's not used for a long time.
- ▶ 如果无法遥控时, 需将产品重新对频设置。
When can not be controlled, you need to set the match frequency again.

每次行驶前都要检查 (Check every time before running)

1 遥控器 (开关)

Transmitter (Switch)

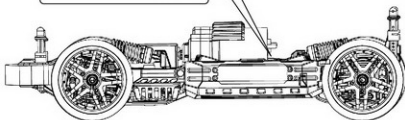


- ▶ 打开遥控器开关
Open power switch on the transmitter.

2 底盘 (开关)

Chassis (Switch)

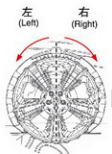
打开底盘的开关。
Turn ON the chassis's switch.



3 检查操作

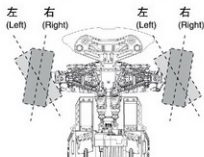
Check operation

- ▶ 转动方向盘, 看车前轮是否正确移动。
Operate the steering wheel to check if the front tires move correctly.



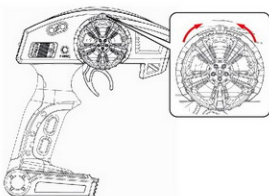
车前轮的运转是随着方向盘的调整而改变的。如果方向盘一直向左或向右转, 前轮也随着方向盘向左或向右转。

Amount of front tire movement varies according to the amount of the steering wheel movement. If the wheel is turned all the way left or right, the front tires will also steer all the way left or right.



4 转向微调旋钮(Steering Trim Knob)

- 在进行方向微调时，确认车前轮悬在空中。
Keep the front tires in the air while adjusting the steering trim.

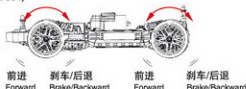


- 调整车前轮的左右方向。
For adjusting the front tires left and right.
- 当转向微调旋钮处在空档位置时，如果车前轮不能直线行走的，请微度转向微调旋钮。
Precisely adjust the steering trim in case the front tires are not straight when the steering wheel is placed at neutral position.
- 行走时再度调整转向微调旋钮。
Adjust again when running.

5 检查油门(Check Throttle)

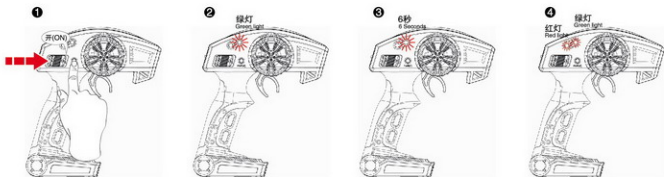
用手指向后扣动遥控器扳机，模型车对应向前行驶；用手指向前撑开遥控器扳机，模型车对应刹车和后退。(用手指撑开遥控扳机第一次为刹车，松手待扳机归中后再撑开第二次为后退。)

Push the controller trigger to backward by finger, the model will forward; Push open the controller trigger to forward by finger, the car will brake and go backward. (Push open the controller trigger the first for the brake if finger, after loosening the hand and the trigger return to center, push open the second for backward.)



5 对频设置(Set the match frequency)

- 首先打开接收器开关，然后按住遥控器对频按键，再打开遥控器电源开关。
Firstly open the switch on the receiver, then hold the transmitter's match frequency button, and open the power switch on the transmitter.
- 系统进入对频状态，并在绿灯闪烁6秒自动进行对频。
Then system will into the frequency state, and automatically into the match frequency state after the green light flashing for 6 seconds.
- 遥控器红绿灯同时亮起，对频工作完成。
When the red and green lights of the transmitter is shown on at the same time, the match frequency is finished.



维护(Maintenance)

- ☐ 在你不使用车之前，应把电池从电池座上取出。
Remove the batteries on the battery seat when you do not use the car.

- ☐ 擦去灰尘和油。
Wipe off the dust and oil.

- ☐ 检查所有的螺丝是否松掉。
Checking if all screws are loose or not.

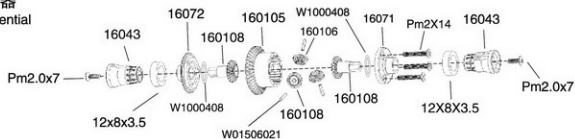
- ☐ 给所有活动的零件涂上润滑油。
Apply lubricating oil to all the moving parts.

- ☐ 把电池从遥控器中取出。
Take out the battery from the controller.

部件分解图(Parts exploded view)

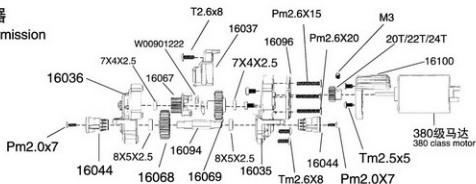
差速器

Differential



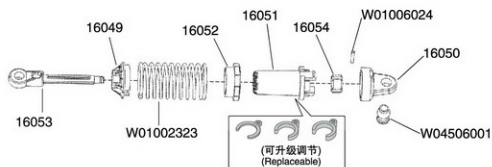
中央变速器

Central transmission



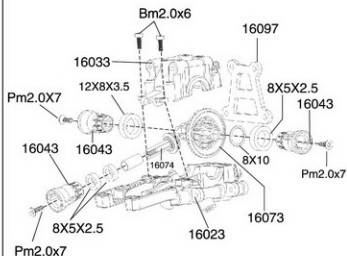
减震器

Shock absorber



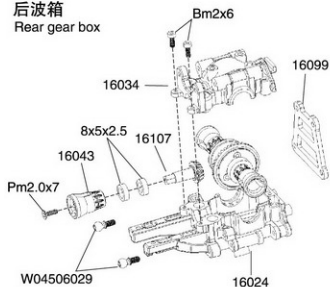
前波箱

Front gear box



后波箱

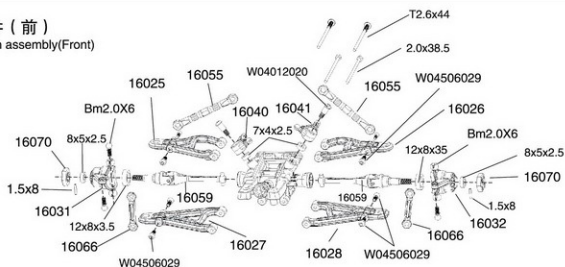
Rear gear box



部件分解图(Parts exploded view)

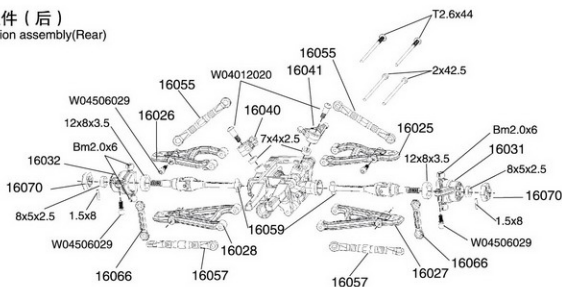
悬挂组件 (前)

Suspension assembly(Front)



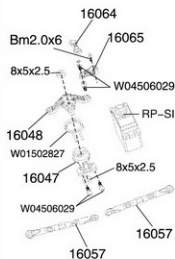
悬挂组件 (后)

Suspension assembly(Rear)



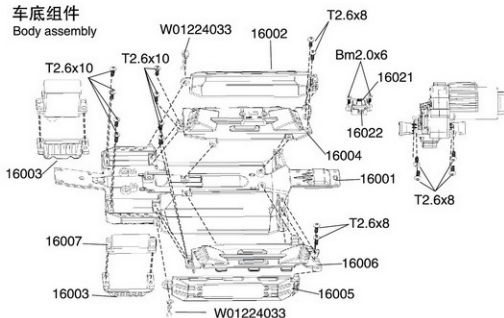
传动缓冲系统

Drive buffering system



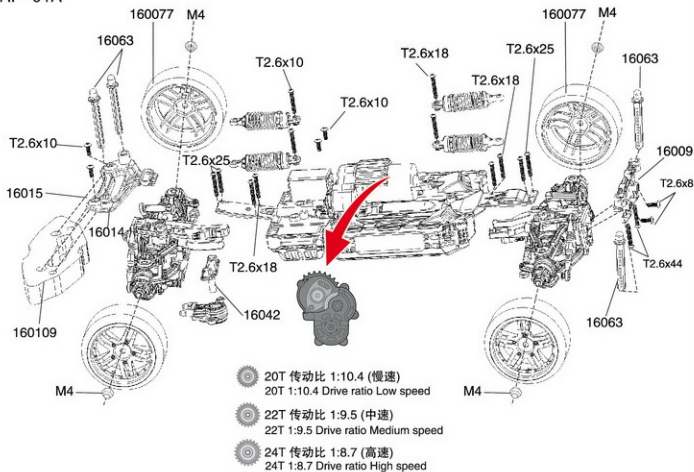
车底组件

Body assembly

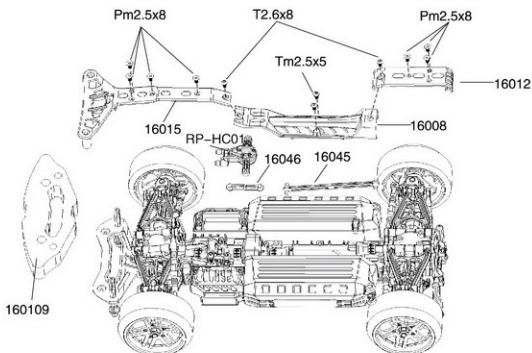


RP-01组装部件分解图RP-1(Assemble parts exploded view)

RP-01A



RP-01B



RP-01 零件表(Parts list of RP-01)

16001  车体底盘 Body chassis	16002+005  电池盖 (R+L) Battery cover(R+L)	16003  舵机固定架 Servo fixed bracket	16004+006  车体上盖 (R+L) Body upper cover(R+L)	16007  Logo件 Logo piece
16008  底盘中护架 Chassis middle protection frame	16012  底盘后护架 Chassis rear protection frame	16014+015  防撞海绵盖+防撞海绵座 Anti-collision sponge cover + Anti-collision sponge seat	16021-022  开关座+开关帽 Switch base+Switch cap	16024+034  后波箱主体座+后波箱盖 Body seat of rear gear box + Rear gear box cover
16023+033  前波箱主体座+前波箱盖 Body seat of front gear box + Front gear box gear	16025+28  上下摇臂 (R/L) Up-down rocker(R/L)	16026+027  上下摇臂 (L/R) Up-down rocker(L/R)	16031+032  转向节 (R+L) Steering joint(R+L)	16035+036+037  中央差速器外壳 Central differential shell
16040+041  羊角 (R+L) Claw(R+L)	16042  缓冲器固定座 Bumper fixed seat	16055  减震连杆 Shock absorber link	16057  后轮固定连杆 Rear wheel fixed link rod	16058  前轮转向连杆 Front Steering link rod
16060+061+062  减震调节卡扣 Damping adjustment lock	16063  车面支柱 Car face support	16064+065  转向摇臂+舵机连杆 Steering rocker + Servo link rod	16066  摇臂加强连杆 Steering link rod	16070  六角套 Hexagon bushing
16096  马达固定片 Motor fixed plate	16097  前波箱卡片 Front gear box card	16099  后波箱卡片 Rear gear box card	16100  散热片 Heat sinks	160109  海绵防撞板 Sponge bumper
ST-T20.T22.T24  电机齿轮套装 Motor gear suit	RP-7415  7.4V 1500mAh大倍率锂电池 7.4V 1500mAh Large power Li-Ion battery	RP-CL01  车轮01 Wheel 01	RP-CHA01  充电器 Charger	RP-CS01  差速器总成 Differential assembly

RP-HC01



缓冲器总成
Bumper assembly

RP-JZ01



减震器总成
Shock absorber assembly

RP-M380



380级高速马达
380 Class high speed motor

RP-RX1



接收器
Receiver

RP-S1



舵机
Servo

RP-TX1



遥控器
Transmitter

RP-ZYBS01



中央变速器总成
Central transmission assembly

RP-01 五金类(Hardware)

CU07002514



Φ 7x Φ 4x 2.5mm

油性轴承03
Oiliness bearing 03

CU08002513



Φ 8x Φ 5x 2.5mm

油性轴承02
Oiliness bearing 02

CU12003511



Φ 12x Φ 8x 3.5mm

油性轴承01
Oiliness bearing 01

W01019032



Φ 1mm

卡环(小)
Clasp(Small)

W01224033



Φ 1.2mm

卡环(大)
Clasp(Big)

W01508004



Φ 2.5x8mm

车轮六角套轴
Wheel hexagonal sleeve shaft

W02006027



Φ 2x6mm

内六角杯头机丝
Inner hexangular cup head machine silk

W02007016



Φ 2x7mm

内六角平头自攻
Inner hexangular flat head self tapping

W02010028



Φ 2x10mm

内六角杯头机丝
Inner hexangular cup head machine silk

W02014018



Φ 2x14mm

内六角平头机丝
Inner hexangular flat head machine silk

W02505025



Φ 2.5x5mm

内六角T头机丝
Inner hexangular T head machine silk

W02506017



Φ 2.5x6mm

内六角平头机丝
Inner hexangular flat head machine silk

W02608023



Φ 2.6x8mm

内六角T头自攻
Inner hexangular T head self tapping

W02618015



Φ 2.6x18mm

内六角平头自攻
Inner hexangular flat head self tapping

W02618021



Φ 2.6x18mm

内六角T头自攻
Inner hexangular T head self tapping

W02620024



Φ 2.6x Φ 2x20mm

内六角T头自攻
Inner hexangular T head self tapping

W02625022



Φ 2.6x25mm

内六角T头自攻
Inner hexangular T head self tapping

W02644019



Φ 2.6x Φ 2x44mm

内六角T头自攻
Inner hexangular T head self tapping

W03006026



Φ 3x6mm

内六角杯头机丝
Inner hexangular cup head machine silk

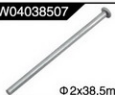
W04012020



Φ 4x Φ 3x12mm

内六角T头自攻
Inner hexangular T head self tapping

W04038507



Φ 2x38.5mm

后波箱钉头轴
Rear gear box nail
head shaft

W04042306



Φ 2x42.3mm

前波箱钉头轴
Front gear box nail
head shaft

W04506001



Φ 4.5x6mm

球头套
Ball link

W04506029



Φ 4.5x Φ 2.5x6mm

内六角球头螺丝
Inner hexangular
ball screw

W05500410



Φ 5.5x Φ 2.4x0.4mm

电机螺丝垫片
Motor screw gasket

W09206031



M4

法兰尼龙防松螺母
Flange nylon lock nut

RP-01 升级版(Updated version)

16073



一体式伞齿
Monocoque bevel gear

16110



金属六角杯头
Metal Hexagonal cup head

16111



金属半圆杯头
Metal semi-circle cup head

16112



金属传动杆 (短)
Metal Drive shaft(Short)

16113



金属传动杆 (长)
Metal drive shaft(Length)

BA12003534



Φ 12x Φ 8x3.5mm

滚珠轴承1
Ball bearing 1

BA08002535



Φ 8x Φ 5x2.5mm

滚珠轴承2
Ball bearing 2

BA08002536



Φ 7x Φ 4x2.5mm

滚珠轴承3
Ball bearing 3

RP-7418



7.4V 1800mAh大倍率
锂电池
7.4V 1800 mAh Large
power Li-Ion battery

RP-CVD02



全金属传动轴
Full metal transmission shaft

RP-M390



390级高速马达
390 class high
speed motor

RP-CL01A



轮胎01A
Tyre 01A

RP-CL01B



轮胎01B
Tyre 01B

FCC

Caution: The user is cautioned that changes or modifications 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.

