

# **TURBO •RACING**

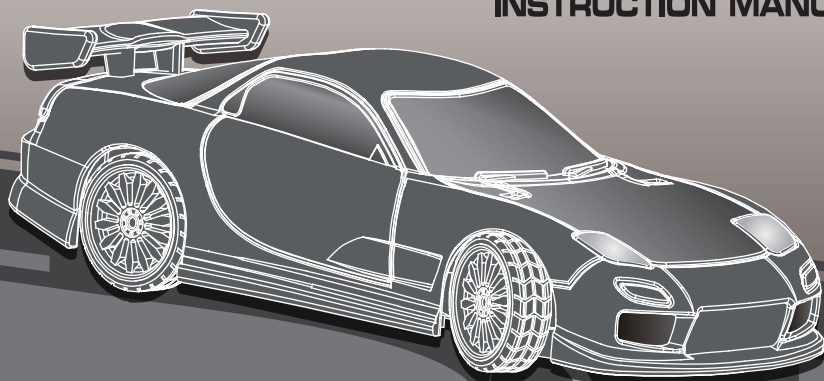


## **1:76 RC SPORTS CAR**



**100% RTR(READY-TO-RUN)MODEL**

**INSTRUCTION MANUAL**



Please read the manual before using the product and keep the manual for future use.

## Safety information

This product is strictly prohibited for children under 8 years old, avoid accidents, children over 8 years old should be played in the presence of their guardian and not allowed to leave their guardian's sight. Please keep this product out of reach of children when charging and storage.

Movable parts are dangerous, so it is forbidden to put fingers、hair、clothes and other things into the space between the tire and the car body, to avoid being clamped by the rotating parts.

Please play the car with the following scene:

Please don't play in places where the car is running or near children, then avoid the risk of collision.

Please don't play it in sand、water or dust, then avoid trouble.

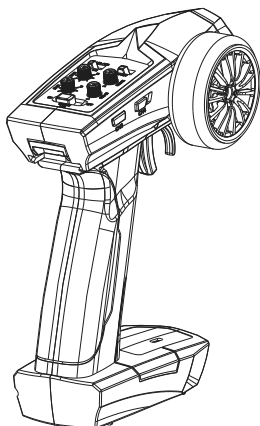
Please don't play towards people or animal, then avoid accident.

For functional requirements, this product contains sharp parts, please follow the correct steps and use methods, pay attention to eye safety.

Please don't bend or throw the product or play it with rough ways, then avoid an accidents.

Please don't put this product into water or fire source(such as stove、gas stove,etc.), then avoid accidents.

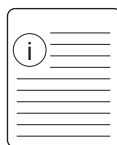
## The package contains



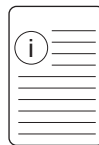
1\*Transmitter



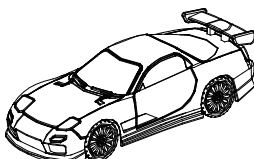
1\*Bind



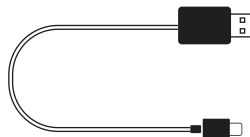
1\*Steps for usage



1\*Manual



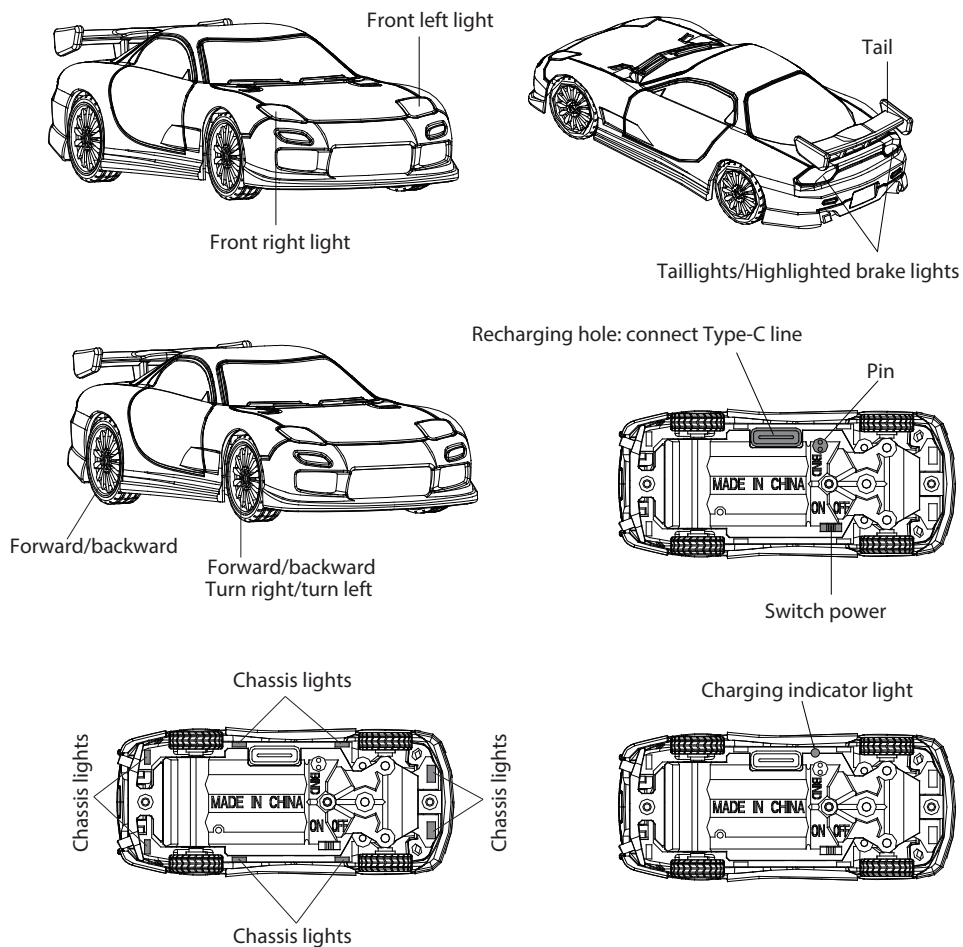
1\*Car



1\*Type-C line



## Function description



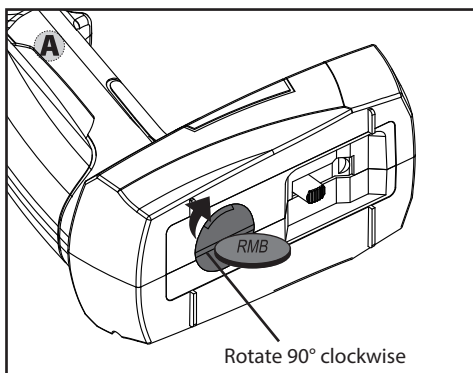
## Prepare for run

### 1 Charging

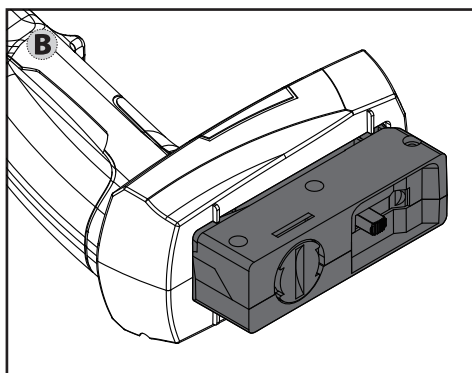
Take the rc car and accessories out of the box, it can be charged on the following two ways when the cars is power off; (Please charge the rc car before the first use)

**Tip: When the car is power on, it will not be charged when charging power is inserted. If need charge the car, the car's power switch must be turned "OFF".**

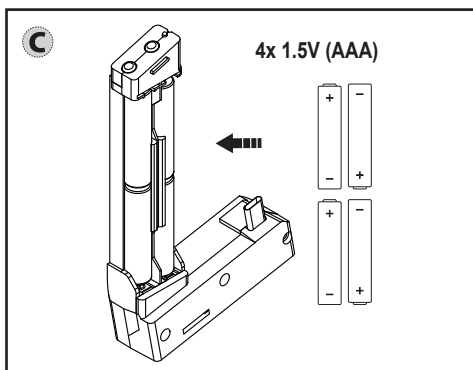
1. Use the hidden Type-C port on the remote to charge the car. (Picture A-J)



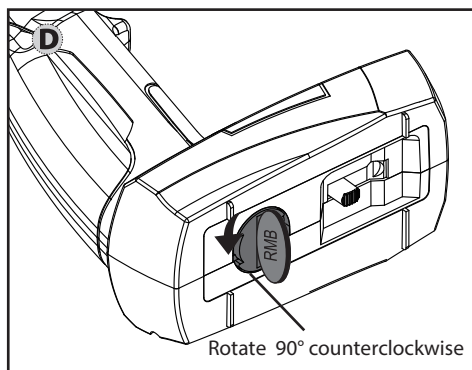
A. Turn the coin button clockwise 90°



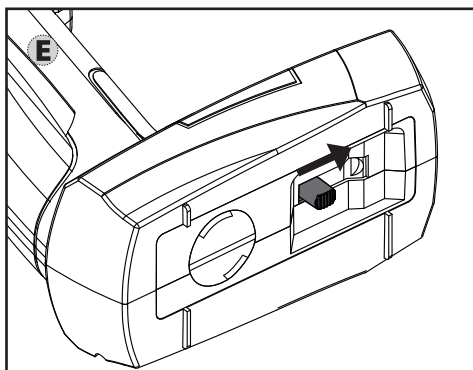
B. Take out the battery box from the bottom of the remote



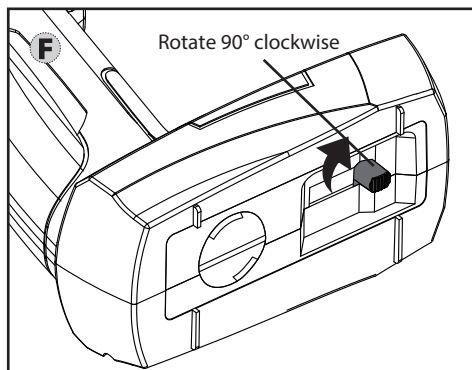
C. Install four AAA batteries according to the polarity mark on the battery case bracket



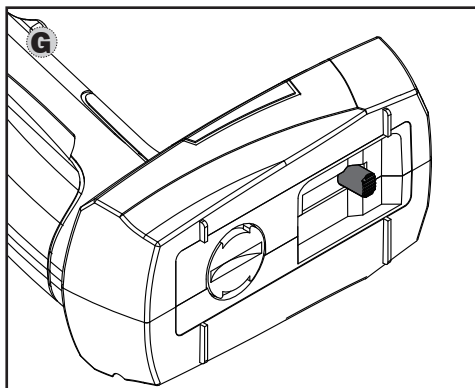
D. Install the battery box. Insert the battery box into the handle and rotate coin button 90° counterclockwise. The battery box is installed.  
Note: Type-C port is aligned with the bottom hole



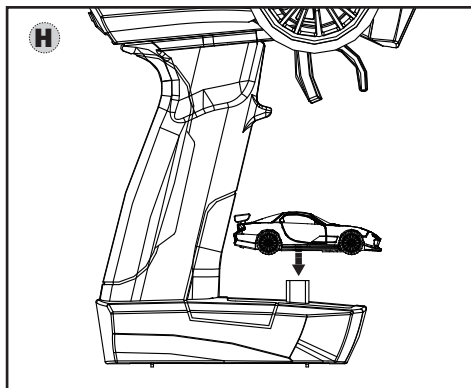
E. Push the charging rod forward to the bottom.



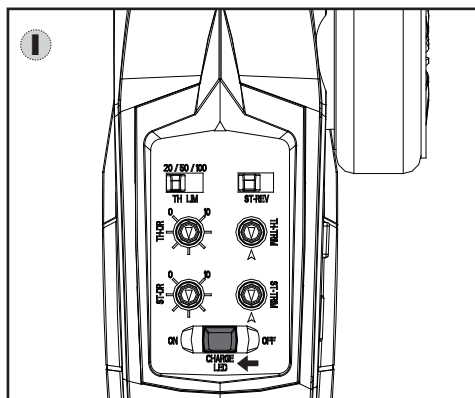
F. When the push rod on the bottom, then rotate the push rod 90° clockwise



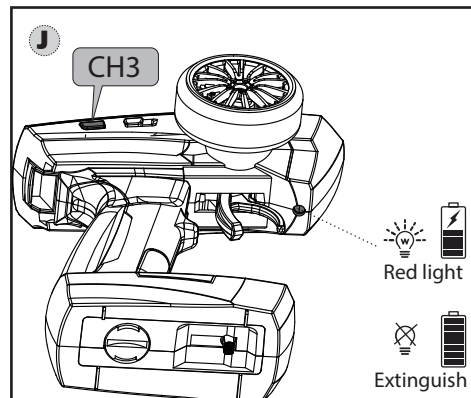
G. The push rod rotate 90° clockwise done, launch port finished.



H. The remote and the car must be off at the same time, and then plug the car into the remote charging port for charging.



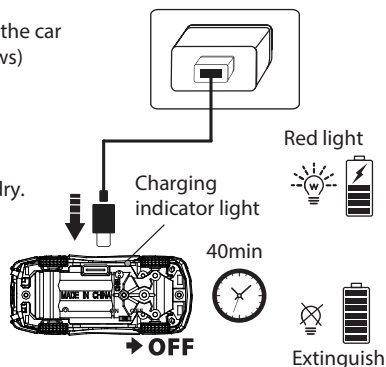
I. After the vehicle is plugged into the charging port, switch the remote switch to the charging mode.



J. Then the default red led of the remote is long light. If the charging led light of the remote is off, means the charging is completed. (Short press channel 3 to switch the color of the multi-color light, long press channel 3 to switch the breathing light).

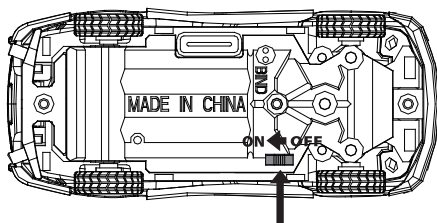
2. Insert the attached charging cable into the charging port of the car and connect the power supply for charging. (as picture shows)

Note: Before charging the car, make sure the charging plug is dry.  
Do not leave when charging the car.



## 2 Turn on/off the power of the car

Turn on the car: Turn on the power switch (switch to "ON" position),  
After the LED lights on for 1 second, the car is power on.



Switch power

If the front light of the car stays on, it indicates that it's connected with the remote control.

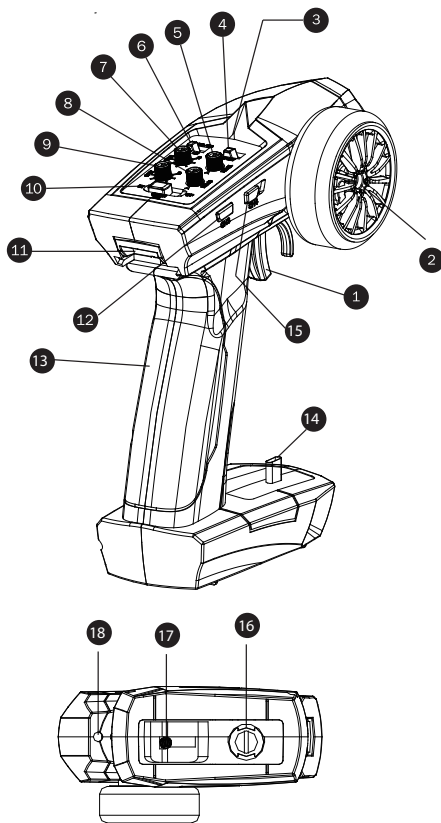
If the front light of the car is flashing, please check whether the power of remote control has been turned on. If yes, you need to re-code the remote control with the car. (See page 9 for details)

Turn off the car: Turn off the power switch, (switch to "OFF" position), the LED goes off and the the car is power off.

### Operation Note

Note: If you're the first time to use the 1:76 RC sports car, please take a few minutes to read this statement carefully to get familiar with different features of this operation system.

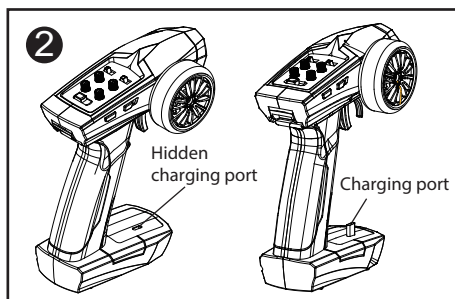
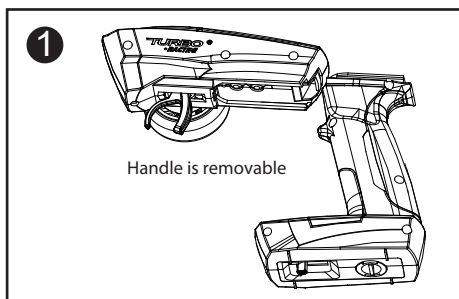
# 1 Functions Transmitter

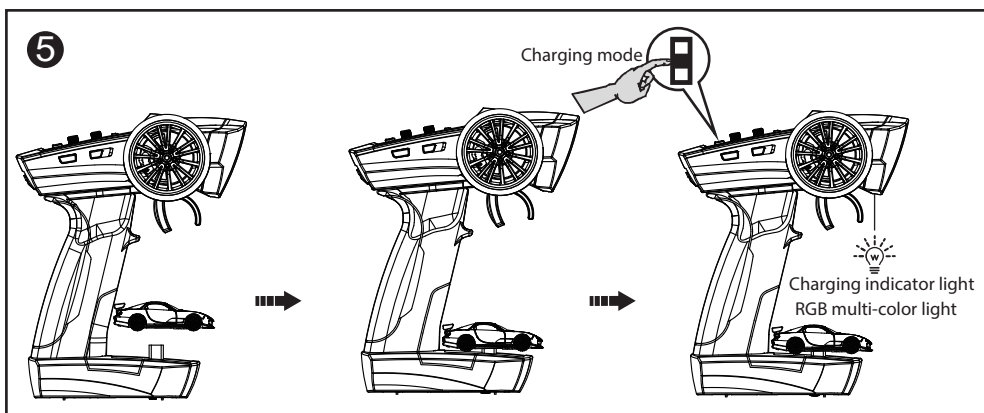
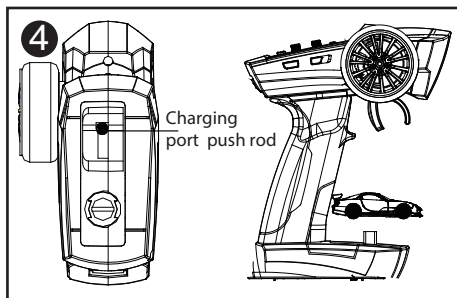
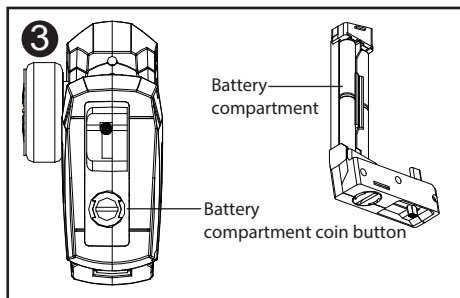


1. Throttle: Control forward / brake / backward.
2. Steering wheel: control left / right steering
3. Multi function indicator LED  
Reminder: The remote control uses AAA or Ni-MH battery. When the voltage is lower than  $4.5V \pm 0.2V$ , the multi-function LED indicator light will flash quickly, please replace the battery.

4. Steering Rev: use the reverse steering switch to reverse the left and right directions.
5. Throttle fine adjustment: when the trigger is in the neutral position, if the car moves forward or backward, please use the throttle fine adjustment.
6. Three section throttle speed limit switch: 20% / 50% / 100%.
7. Throttle DR: throttle DR is used to adjust the throttle stroke and set the car speed freely.
8. Steering fine adjustment: when the adjusting wheel is in the neutral position, if the front wheel is not go straight line, please use steering fine adjustment.
9. Steering DR: steering DR is used to adjust the steering angle of the front wheels to make the car reach the best turning radius.
10. On/Off Switch: turn on / charge switch / turn off the transmitter
11. Disassemble the remote : the handle can be disassembled (as shown in picture 1)
12. Channel 3 button: control the car chassis light on / off; when is charging, short press channel 3 button to switch the color of multi-color light; Long press channel 3 button to switch breathing light.
13. Handle: used to hold the transmitter.
14. Type-C charging port: hidden port for charging the car (as shown in picture 2)
15. Channel 4 button: Channel 4 is a three-stage switch, the first-stage switch turns off the front and rear lights of the car; The second-stage switch used to turn on the front and rear long lights; The third-stage switch headlight flashes twice quickly.
16. Coin button of battery compartment(as shown in picture 3)
17. Type-C port charging push rod (as shown in picture 4)
18. Charging indicator: in charging state, press channel 3 key to switch the color of the indicator; Long press the channel 3 key to switch the breathing light (as shown in Figure 5).

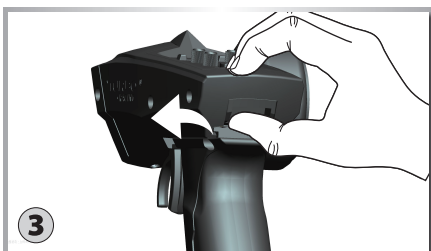
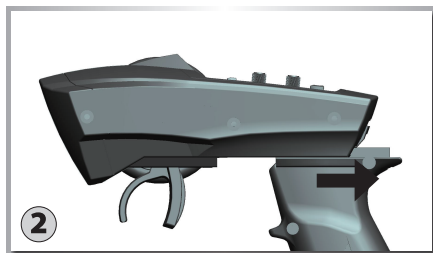
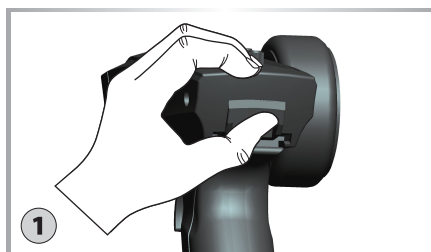
Reminder: When the remote control is charging the car, when the battery voltage is lower than  $4.5V \pm 0.2V$ , the charging indicator light will flash quickly, please replace the battery.





## 2 Install and remove the remote control handle

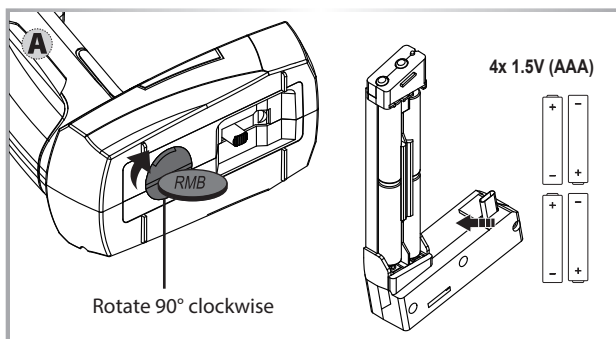
1. Press the button
  2. Remove the handle
  3. Press and hold the remove button and push the handle inside
- Tips: Pay attention to the direction of the handle



Note: If the handle of remote is in a wrong direction , it will not be powered on . Please install the handle correctly according to the instructions.

### 3 Transmitter battery installation

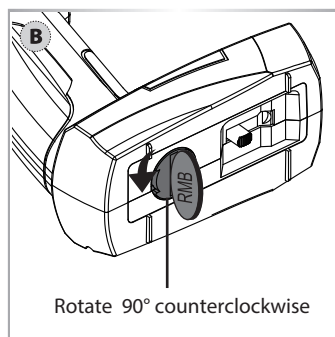
This remote uses AAA battery or Ni MH battery, when the voltage is lower than  $4.5V \pm 0.2V$ , the LED starts flashing.



A. Find the coin button of the battery compartment from the bottom of the remote and turn it 90° clockwise. Then the battery compartment can be taken out; Install four AAA batteries according to the polarity mark on the battery.

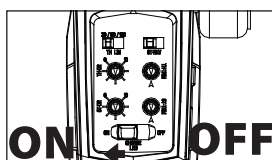
**⚠ WARNING: DO NOT ATTEMPT TO CHARGE A NON RECHARGEABLE BATTERY, OR IT WILL EXPLODE.**

**⚠ WARNING :DO NOT KEEP THE BATTERY IN THE BATTERY COMPARTMENT FOR A LONG TIME TO AVOID BATTERY OXIDATION AND DAMAGE THE PRODUCT.**

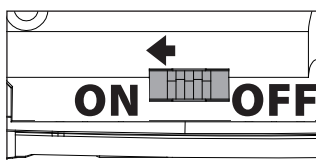


B. Reinstall the battery compartment, insert the battery compartment into the handle, and rotate the coin button 90° counterclockwise. The battery compartment is installed ( Note: type-C port is aligned with bottom hole)

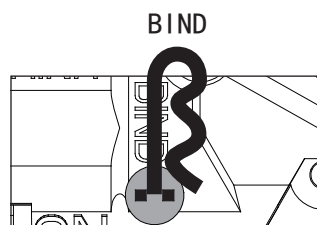
### 4 Binding



1.Switch on the transmitter.



2.Turn on the power switch on the car, and the front light on the car flashes.



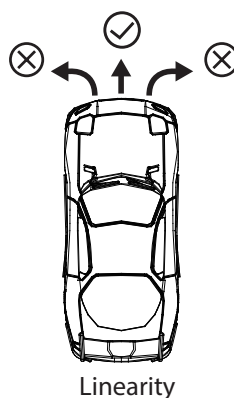
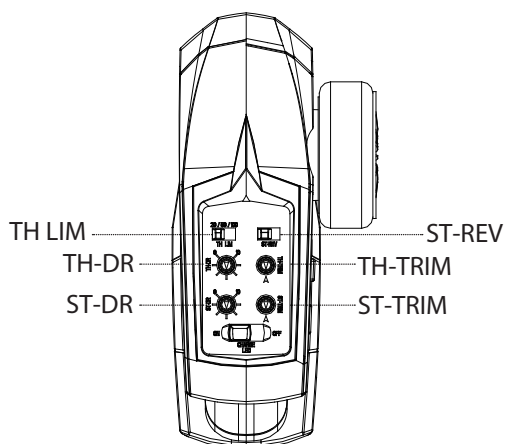
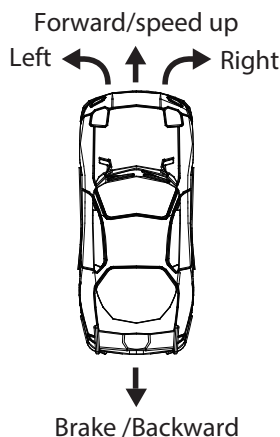
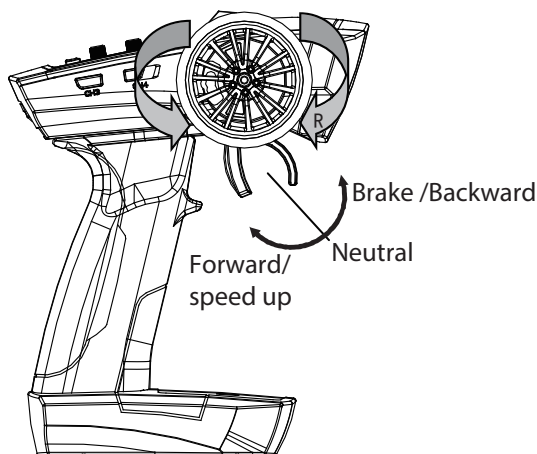
3.Insert the binding plug into the BIND channel slot on the car, if the LED stops flashing, and stays lit permanently, the binding procedure is completed.

Tip: If fail binding , please turn off the power switch of the car and remote , and restart the binding.

Note: The wireless rc car has been connected to the remote. The above procedure is only necessary when use a new remote or car.

Turn off the car: Please turn off the power switch of the car first, and then turn off the power switch of the remote to prevent the car from losing control.

## 5 Car running settings



1. TH/TRIM: When the throttle trigger is in the middle point, if the car is moving forward or backward, please adjust it with TH/TRIM "+" or "-" button.
  2. ST/TRIM: When the steering wheel in the middle position, if the front wheel is not in a straight line, please adjust it with ST/TRIM "+" or "-" button.
  3. TH/DR: Throttle DR is used to adjust the throttle and car speed freely.
  4. ST/DR: Steering DR is used to adjust the front wheel steering angle to make the car reach the best turning radius.
- Note: Excessive steering angle may cause the front wheel and body parts to affect each other when running, please adjust the steering angle reasonably.
5. Steering REV: It is used to reverse the left and right directions of the car.
  6. Three section throttle speed limit switch: 20% / 50% / 100%.



## Specification

|                       |                       |                   |                              |
|-----------------------|-----------------------|-------------------|------------------------------|
| Product name          | 1:76 RC sports car    | Scale             | 1:76                         |
| Driving distance      | 30m                   | Driving time      | 30min                        |
| Slope angel           | 30°                   | Size              | 60x26.5x17.5mm               |
| Drive mode            | Two-wheel drive       | Weight            | 15g                          |
| Proportional steering | Proportional steering | Battery parameter | 3.7V, 40mAh, lithium battery |

## LED light status table

| Display  | Status   |
|--|--|
| The headlights flash every 2 seconds                       | Please check whether the power of remote control has been turned on, if yes, you need to re-code the remote control with the car |
| The front and rear lights of the vehicle are on long lighe | The remote control is connected to the car and can be operated   |
| The red light of tail lamp is bright                       | Braking status   |
| The front and tail lights are off                          | The rc car is power off, the power is insufficient, channel 4 and first-stage switche are in the off state                       |

## Product performance failure table

| Product Name       | Product performance failure  |
|--------------------|--|
| 1:76 RC sports car | <ol style="list-style-type: none"> <li>1. The product cannot be turned on.</li> <li>2. Cannot charge.</li> <li>3. Unable to operate.</li> <li>4. Dysfunction.</li> </ol> |

## Maintenance

1. Before using the product, please ensure that all components have been tightened, check and clear foreign matter in the gap between the wheel and chassis.
2. When the car is to be stored for a long time, it should be kept at 70% of its power to maximize battery life. And charge the battery once every 1-3 months to avoid battery damage. (It is recommended to fully charge the battery and store it after 5-10 minutes of use).
- 3.If the remote control will not be used for a long time, please remove the batteries to avoid oxidation.

## Troubleshooting

| Fault symptom  | Cause of failure   | Solutions  |
|--|--|--|
| The transmitter connection failed  | <ol style="list-style-type: none"> <li>1. Distance is too far</li> <li>2. Multicars pairing at the same time</li> </ol>  | Make sure that the product is in car receiving mode.(The headlights flash).  |
| Freeze   | Foreign object between the wheels  | Check the wheels for foreign objects   |
| No reaction when remote control left and right steering / no response when steering                  | The steering angle is set too small  | Reset the steering angle   |
| The steering is in the opposite direction of the remote steering operation                           | The remote steering reverse switch is not properly set   | Set the remote steering reverse switch to the correct direction  |
| When the throttle is in neutral position, the car immediately starts to move forward or backward     | The throttle fine-tuning does not set to the center position   | Set the remote throttle fine-tuning to the center position   |
| The car cannot move in a straight line/The left and right steering radius is significantly different | Steering fine-tuning is not set to the center position   | Set the steering fine-tuning to the center position  |
| The maximum speed cannot be reached  | <ol style="list-style-type: none"> <li>1. The throttle DR setting is too small</li> <li>2. Battery Low</li> <li>3. Foreign objects between the wheels</li> </ol> | Set the throttle DR size on the remote throttle DR, and check for foreign objects and battery level                                  |
| Overheating in the motor part  | Ambient temperature is too high  | The car should be immediately turned off and placed in a cool, well-ventilated place for cooling to avoid damage to electronic parts |
| The power-on light is not on   | The voltage is less than 3.0V and there is not enough power  | Charge in a timely manner  |
| Shutdown   |  |  |

## Precaution

- This product includes the small parts, there is a risk of suffocation, children under 3 years old are not allowed.
- The car contains lithium batteries. Disassembling, striking, squeezing or throwing the car into the fire is prohibited. If severe swelling occurs, do not continue to use it. Do not place it in high-temperature environment.
- Due to the special feature of lithium batteries, overly high or low temperature will affect the battery charge and discharge performance and battery life, so please do not use or store this product under environments such as high temperature, low temperature, high humidity or direct sunlight.
- The charging cable, plug, body shell, and other parts must be checked regularly for damage. If the damage is found, stop using until the repair is complete.
- The car has low battery voltage protection.
- When the battery voltage is lower than 3.0V, it will automatically cut off the current and the car will seize all functions to protect the battery.
- When using remote control nearby high-voltage power lines, light rails, microwave ovens electric waves of the same frequency will lead to dysfunction of the car. Please change the location or choose another time to operate.
- Our company holds no responsibility if accidents such as injury to others or damage due to operating errors.

## Non-warranty regulations

- Unauthorized repair, misuse, collision, negligence, abuse, fluid intake, accidents, alterations, incorrect use. Non-product accessories, or tear, alter marks and anti-counterfeiting marks;
- The validity period of "three guarantees" has passed.
- Damage caused by force majeure;
- Does not meet the performance failures listed in "performance failure table of 1:76 RC sports car";
- Performance failure of the product and its accessories that meets the "performance failure table of 1:76 RC sports car" due to human factors.

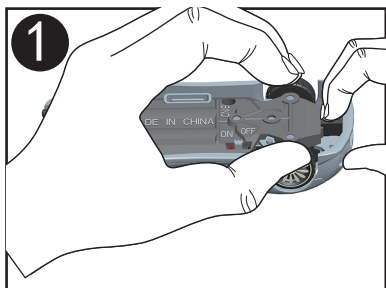
### 1. Return and exchange services require confirmation.

When the client applies for return and exchange, it is necessary to follow the 1:76 RC sports car warranty instructions and the customer service should confirm whether it meets the after-sales conditions and then arrange relevant service.

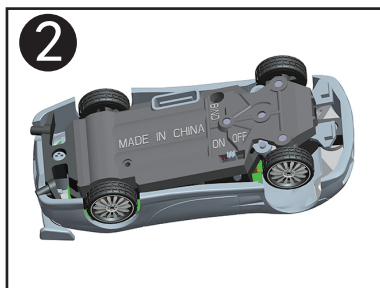
Notice: The products, accessories, remote control, etc. in the instruction manual are schematic diagrams and for reference only. Due to product updates and upgrades the physical and schematics of the product may differ slightly, please refer to the actual product.

## Disassembling

1. Disassemble The car body shell:

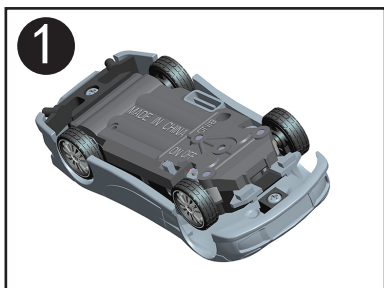


1. Hold the front wheel with one hand, and other hand hold the head of the car

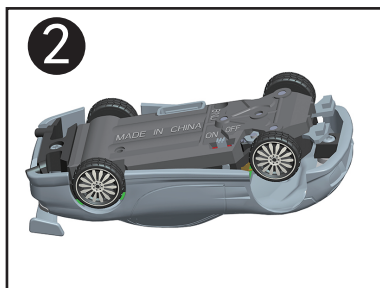


2. Then gently push out and take it out

2. Install the car body shell:

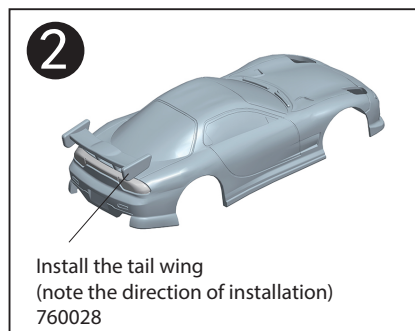
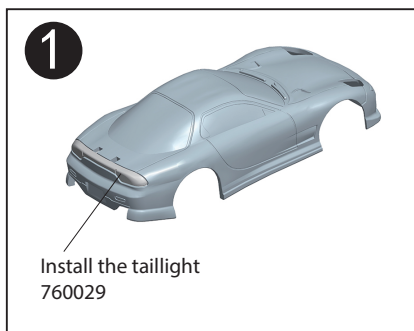
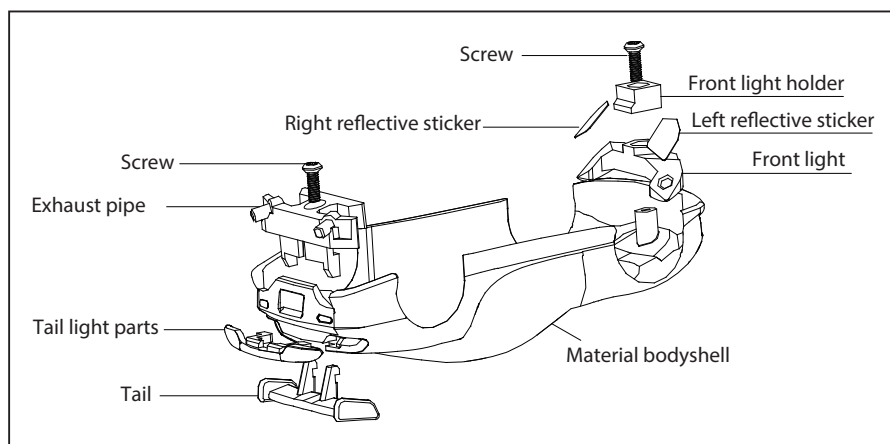
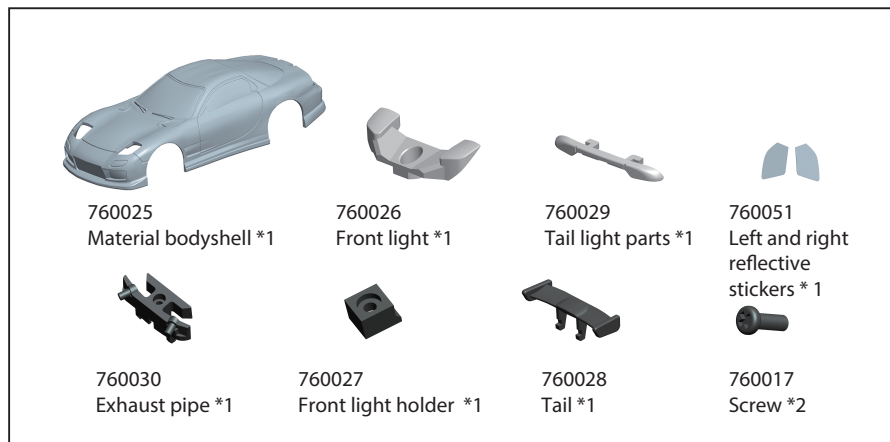


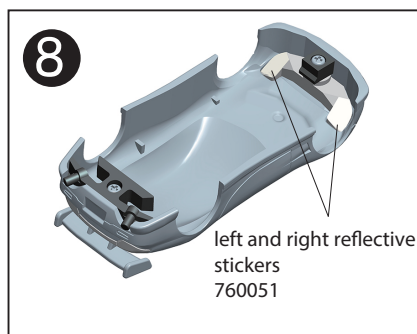
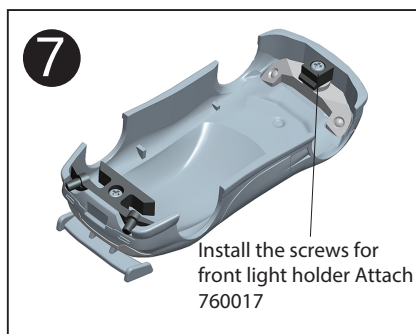
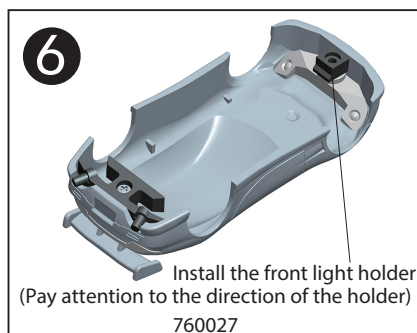
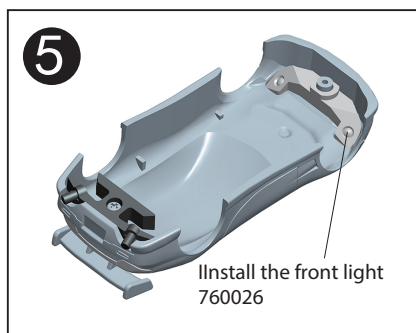
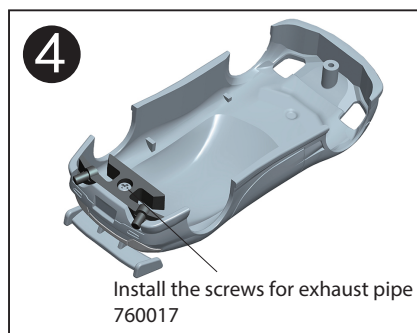
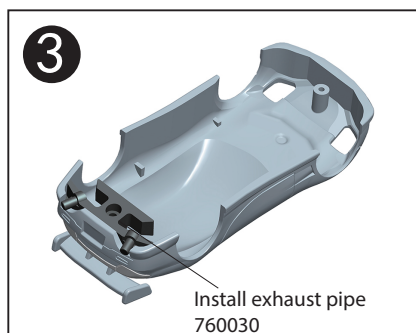
1. An exhaust fixture inserted into the tail of the car chassis



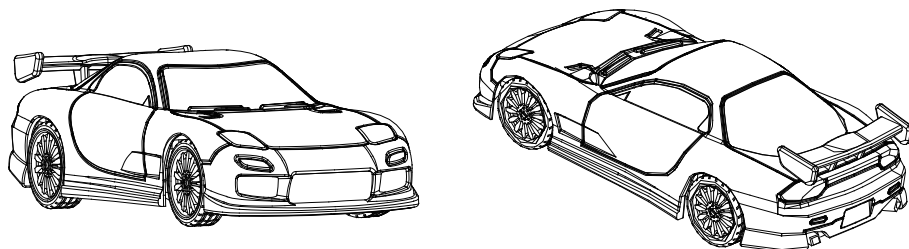
2. Then press and hold the head of the car chassis to install it

## Installation of shell parts group

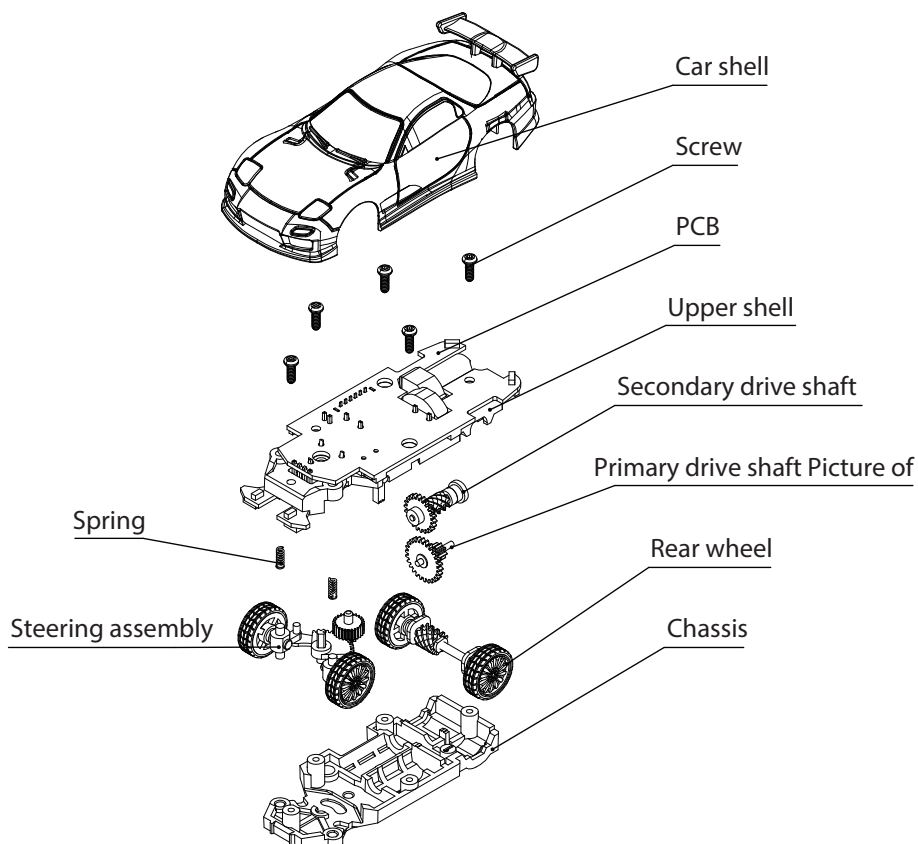




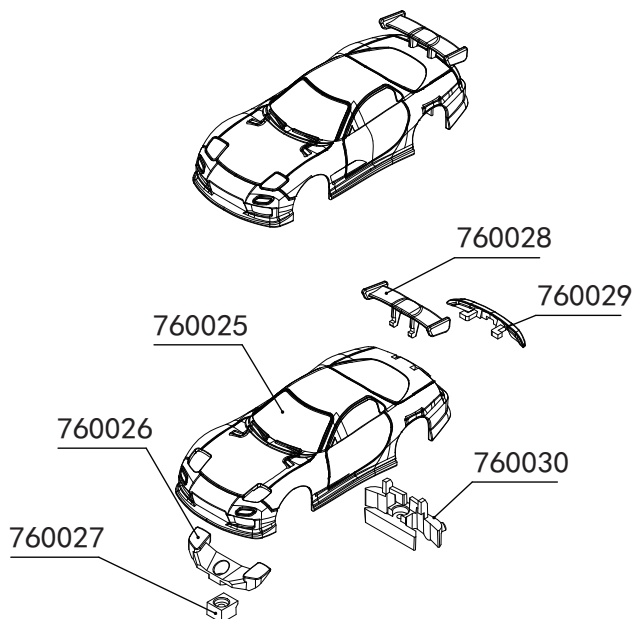
## General assembly drawing



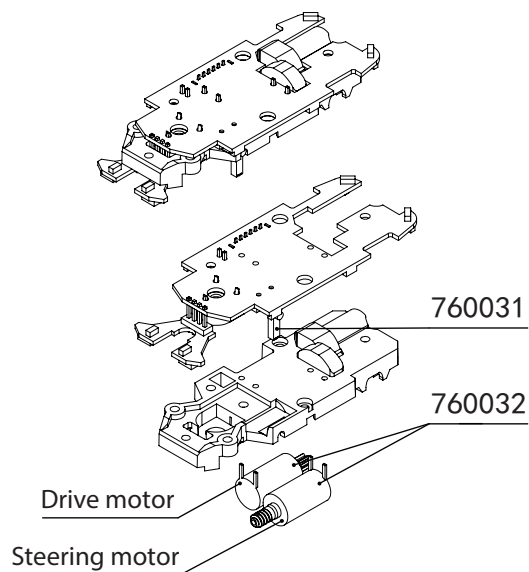
## Exploded view of final assembly



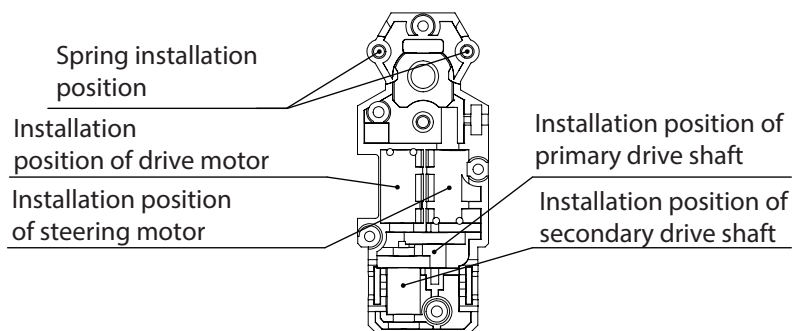
## Car shell explosion



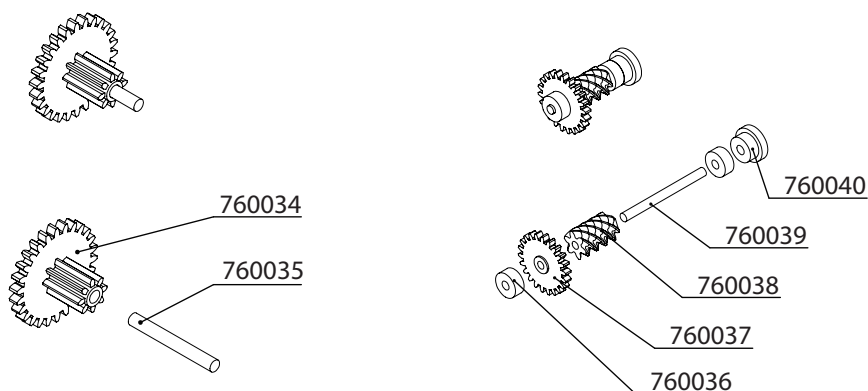
## Upper shell



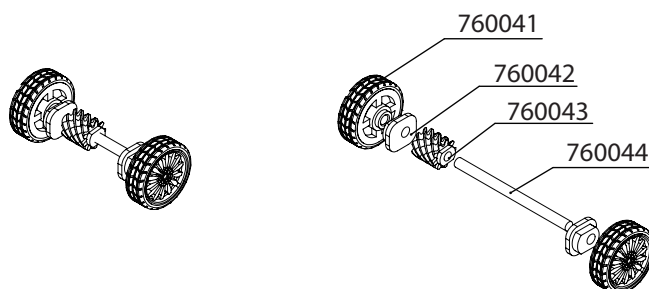




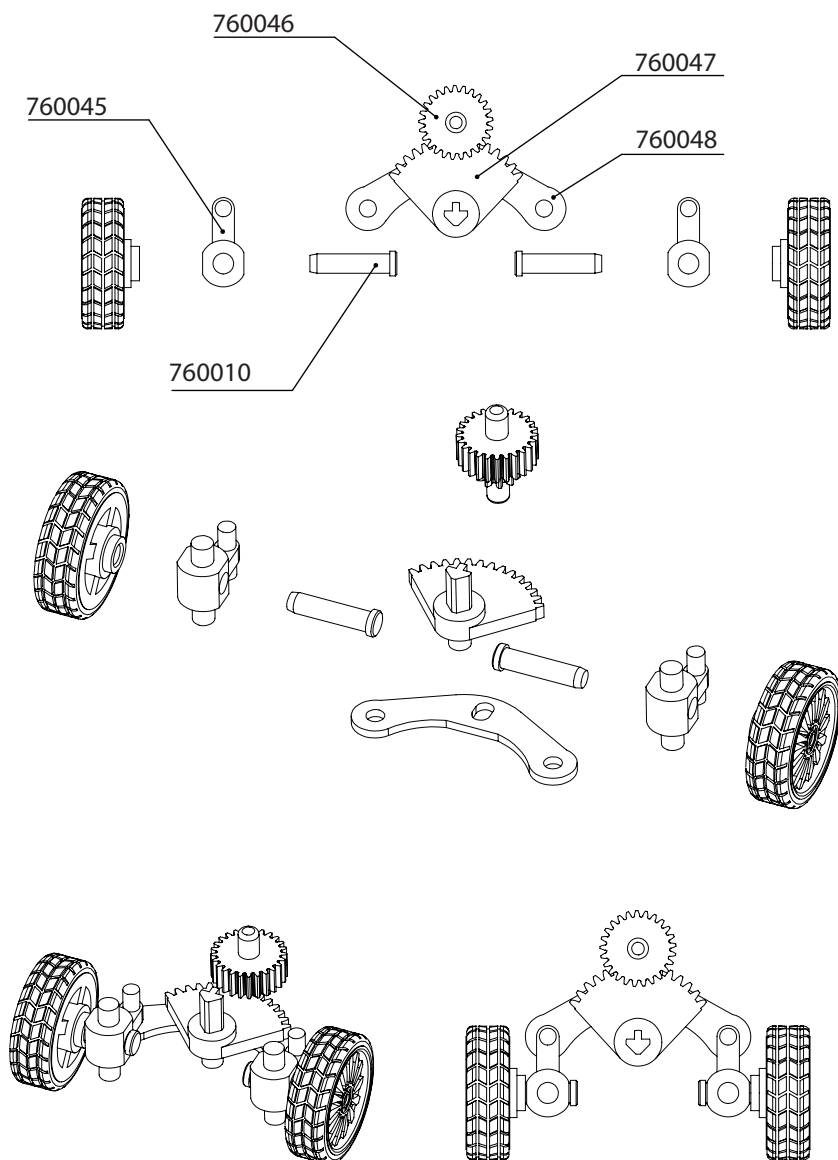
## Transmission shaft



## Rear wheel

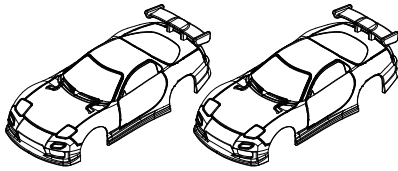


## Steering assembly

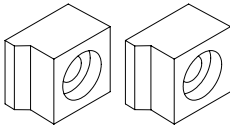


## Accessories

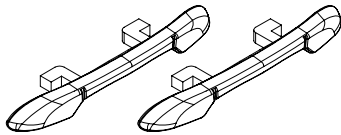
760025  
Material bodyshell 2pcs



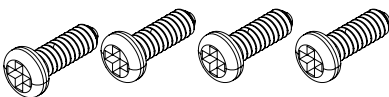
760027  
Front light holder 2pcs



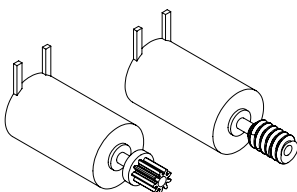
760029  
Taillights lights 2pcs



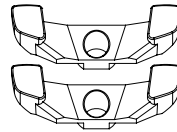
760052  
Screw 14pcs



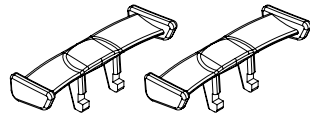
760032  
Motor 2pcs



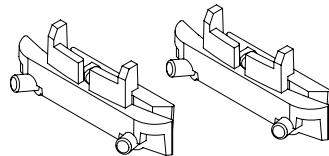
760026  
Front light 2pcs



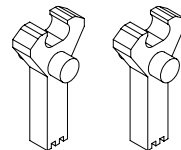
760028  
Tail 2pcs



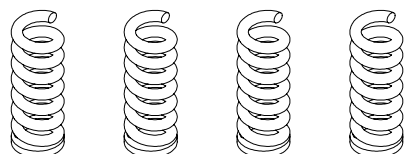
760030  
Exhaust pipe 2pcs



760031  
Switch handle 2pcs

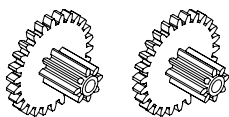


760033  
Spring 4pcs



760034

Gear(Primary drive shaft )2pcs



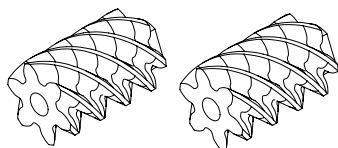
760036

Axle sleeve(Secondary drive shaft)4pcs



760038

Gear(Secondary drive shaft)2pcs



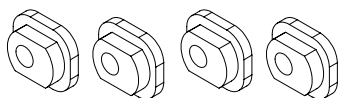
760040

Axle sleeve(Secondary drive shaft)2pcs



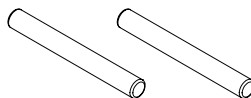
760042

Axle sleeve(Rear wheel)4pcs



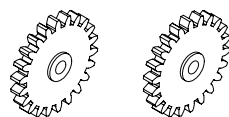
760035

Axis(Primary drive shaft )2pcs



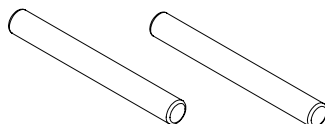
760037

Gear(Secondary drive shaft)2pcs



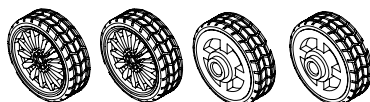
760039

Axis(Secondary drive shaft)2pcs



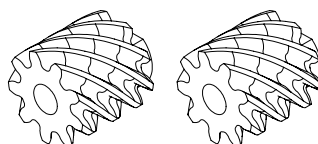
760041

Wheel 4pcs

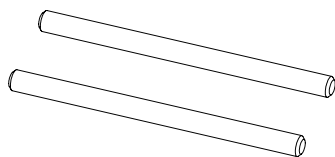


760043

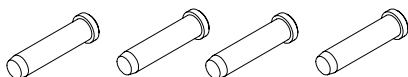
Gear(Rear wheel)2pcs



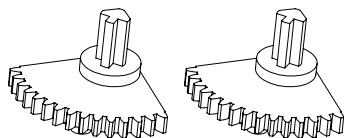
760044  
Axis(Rear wheel) 2pcs



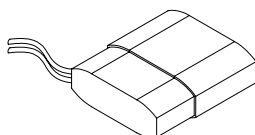
760010  
Fixed shaf 4pcs



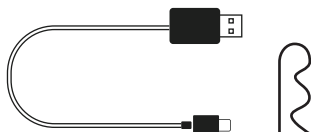
760047  
Fan teeth 2pcs



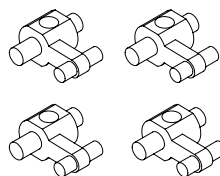
760049  
Battery



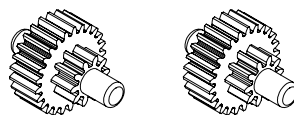
760021  
Charging line



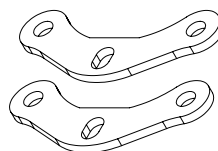
760045  
Left and right components 4pcs



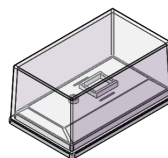
760046  
Gear 2pcs



760048  
Rocker arm 2pcs



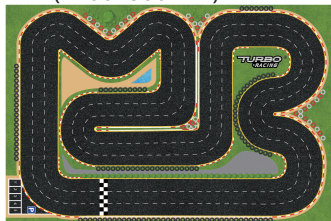
760019  
Transparent box



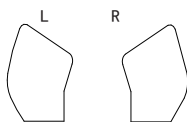
760020  
Track  
(900x400mm)



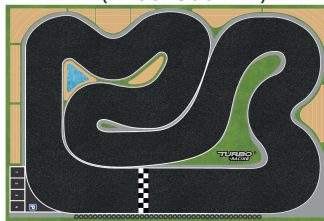
760022  
Track  
(1200x800mm)



760051  
Left and right reflective stickers 10pcs



760050  
Track  
(1200x800mm)



## Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.



## Shenzhen NewStone Technology Co., Ltd.

Manufacturer: Shenzhen NewStone Technology Co., Ltd.

Address: Yuhong Industrial Park, No.20 Xingye West Road, ShaJing Town, Bao'an District, Shenzhen, Guangdong Province

If this product can not operate normally during the warranty period, please contact the local distributor or manufacturer that sold this product to obtain warranty service. When the product is under warranty, please show the product warranty card and proof of whether it is within the warranty period.

1. If your product was sold by a distributor, please consult with the distributor or manufacturer to resolve it. (It is recommended to negotiate with the local distributor)
2. Manufacturers have the responsibility to "repair" or "replace" the product.
3. The warranty period of all products provided by the manufacturer is 15 days.
4. When the product is under warranty, manufacturers and distributors have the responsibility to "repair" or "replace" the product.