CIRMINE

14+ AGES

# POLAR LIGHTS

## 1/10 Scale High Speed Monster Truck

RTR Ready To Run

4WD

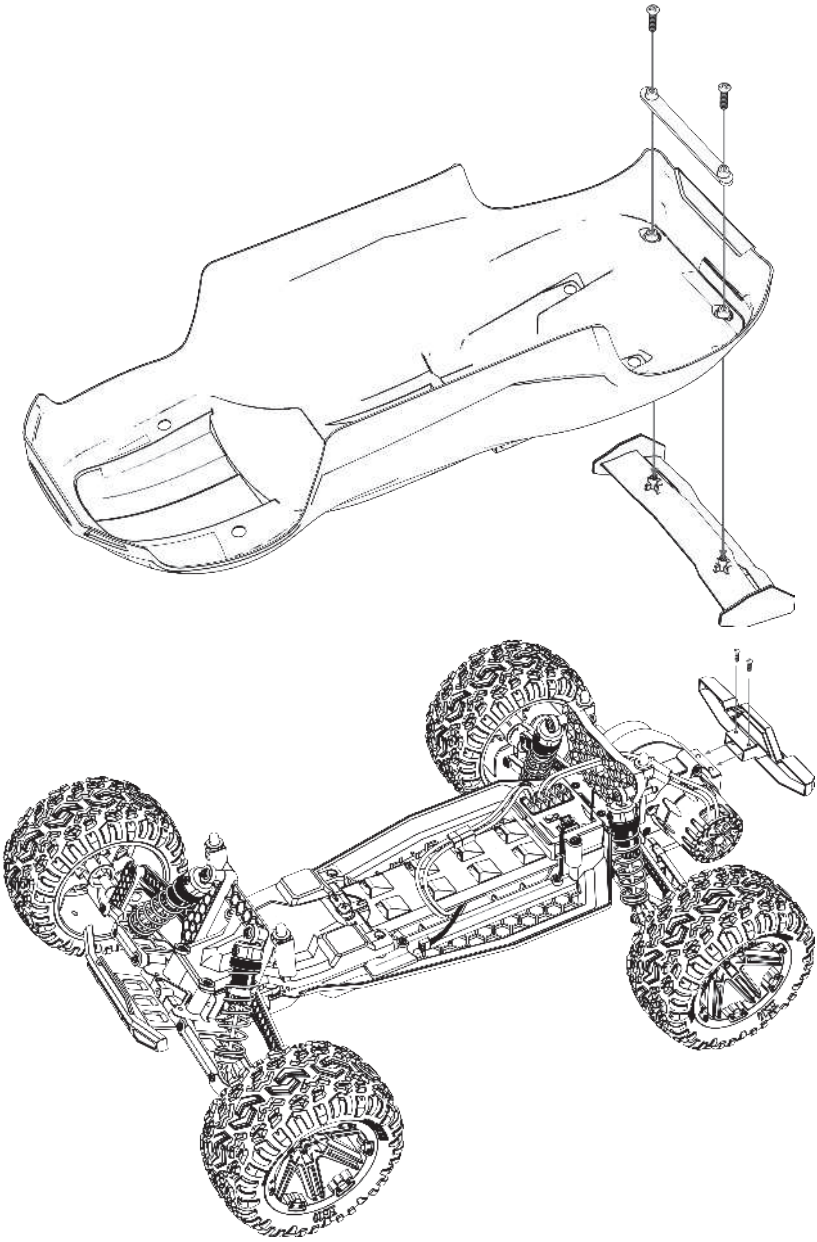
2.4 GHz

Qualified Spring Shocks

Ball Bearings

RC550 High Speed Motor

# INSTALLATION METHOD OF REAR BUMPER AND EMPENNAGE



NOTE: THE REAR BUMPER SHOULD BE INSTALLED BEFORE USE TO BETTER PROTECT THE MOTOR

# Warning:

1. Read and understand the instructions before use.
2. Please turn off the switch after using this product, remove the battery power cord, and properly place the battery after charging the battery, so as to avoid damage caused by excessive battery discharge caused by the battery being installed in the car for a long time.
3. Do not flip the trigger or the steering wheel at the time you switch on the radio controller.
4. This product has brake function. the first time pushing the trigger is brake, you need to release it to neutral , and pushing the trigger again, in order to reverse.
5. This product is not suitable for children under 14 years old or minors.

# Brushed Product Parameter

Product Name: 1:10 2WD Brushed Monster Truck
Vehicle size: length 460* width 315* height 170 MM
Wheelbase: 295MM
Wheelspan: 265MM
Wheel diameter: 110MM
Wheel width: 60MM
Transmitter battery: 3*AA battery
Car battery: 7.4V 2600MAH Li-ion
Charge time: 6 hours
Playing time: about 20+ minute
Control distance : 150meters
Frequency: 2.4G
Motor: brushed motor 550
Servo:6KG 5-wire

# TROUBLESHOOTING

A. The vehicle does not work at all.
- 1. Check to see if transmitter and car are on.
- 2. Replace batteries.
- 3. Check if there are damaged parts.

B. The vehicle runs slow.
- 1. Replace or charge the battery pack and/or the radio batteries.
- 2. Make sure the vehicle is geared properly and the pinion and spur gear are over tightened.
- 3. Clean all bushings or ball bearungs.
- 4. Check for stripped or dirty gears.

C. The throttle works, but not the steering.
- 1. Check if the servo feels jammed,try centering it by hand.
- 2. Check the whole steering system.

D. It steers,but throttle is uncontrollable.
- 1. Check if there are damaged parts.
- 2. Replace or charge the battery pack and/or the radio batteries.

E. The vehicle runs noisily.
- 1. Check gear mesh berween spur gear and pinion.
- 2. Check for stripped and/or dirty gears.
- 3. Clecn and oil bushings or ball bearings.

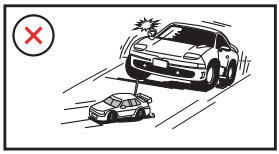
# ⚠ CAUTION

*Please observe the operation manual or packing explantion to install and use, and some parts should be installed by adults.
*The product contains samll parts, it may cause swallow or choke.
*Never run an R/C model in the seeper or rain, moisture areas, or it may cause the parts malfunction.
*Please throw the wrapper in time to avoid danger for the children.
*Regularly examine for damage to the charge,wire,plug, bodyshell or other parts. In the event of any damage, it muse not be used until the damage has been repaired.
*The charge,battery box and battery must insert with the appointed power source of product symbol same.
*This product must only be used with the original collocation charger.
*The product is contains the functional outshoots are may be dangerous to the children.
*Apart the charger and toy before clean.
*As the front end of the antenna may be dangerouns,do not aim it toward anyone's body, face or eyes.
*Batteries are to be inserted with the correct polarity.
*Use the "AA" non-rechargeable or "AA" rechargeable batteries.
*Non-rechargeable batteries are not to be recharged.
*Rechargeable batteries should only be charged under adult supervision.
*Rechargeable batteries must be removed from model before charger.
*Different types of batteries or old and new batteries are not to be mixed.
*Exhausted batteries are to be remove in time.
*The supply terminals are not to be short-circuited.
*Never short circuit the batteries. Throw it in a fire or attempt to open their outer casings.
*Please remove the batteries when not in use.
*Please retain these instructions for future reference.

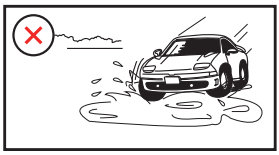
# SAFETY INFORMATION

We want users to enjoy our RC vehicles and to operate them with care. Failure to operate your vehicle in a safe and responsible manner may result in injury to yourself, others or damage to property around you.

- Read and understand all instructions carefully before use and assembly/disassembly.

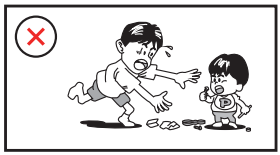


- Do not run your vehicle on public roads or any area where you may encounter pedestrian or vehicle traffic.



- Do not operate in a congested are or in crowds.
- Do not operate your vehicle with obstructed line of sight, at night, or near water.

- Your vehicle is radio controlled. Radio waves are subject to interference. Radio interference can cause loss of control of your vehicle.
- Take care not to cut yourself while using tools to adjust or upgrade your vehicle.



- Since the model contains many small parts, keep out of reach of children while assembling and/or disassembling.
- If your vehicle becomes stuck,release the throttle, then retrieve it by hand.
- Do not continue to apply the throttle or you may damage the motor and/or the ESC /receiver unit.
- Turn off your vehicle and discontinue use if it runs erratically. Not do you run it again until the issue has been found and resolved.

# BATTERY AND CHARGE

## (1).BATTERY INSTALLATION

PACKAGING INCLUDED
USBx1  7.4V BATTERYx1

Please install the battery allording to position of the battery and wiring diagram.

## (2).CHARGERING BATTERY

The Battery pack should be removed from the car when it is intended to be Charged.
Remove the clip to open the battery cover as shown in the photo, and then remove the battery pack. Connect the battery pack with USB charger as shown.
Plug on the USB charger to the computer to charge the battery pack.

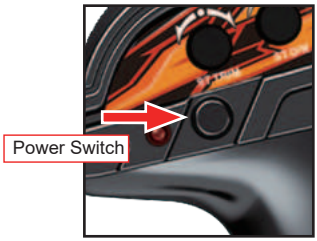
The charger's red light is always on, and the green light flashes, indicating that is charging.
The charger's red and green lights are always on, meaning the battery is fully charged.

## (3).TRANSMITTER BATTERY INSTALLATION

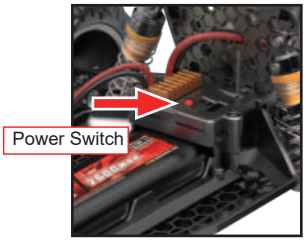
3X1.5V“AA”
(Batteries not included)

# RUNNING YOUR CAR

**(1).TURN ON THE RADIO CONTROLLER**




Always turn on the radio controller and then the receiver on car.
The binding process is automatically fulfilled in system.




Press once to turn on the power
Hold down 1 second to turn off the power

# RUNNING YOUR CAR

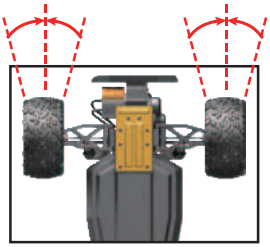
**(2).PRECAUTIONS FOR 2.4GHz RADIO CONTROLLER**
**IMPORTANT INFORMATION:**

Switch on the radio controller, and then the ESC/Receiver on the truck.
The binding process is automatically performed in system.
Never flip the Trigger or the Steering Wheel during the moment you are switching on radio controller.
Failure to do so will cause the radio system to record the incorrect signals.
You are ONLY permitted to spin the Trigger and the Steering Wheel after your truck is binded with the radio controller.

**Do Not flip the trigger or the steering wheel at the time you switch on the radio controller.**

### (3).TO TUNE THE STEERING TRIM

STEERING TRIM



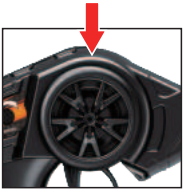
Gently pull the trigger to allow the car to slowly running. In the meantime, tune the steering trim until the front wheels keep aligned.

Steering Dual Rate Adjustment

Maximum speed Adjustment

### (4).CHECK STEERING PERFORMANCE

**CENTER**



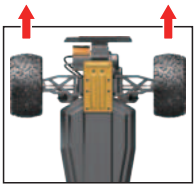
1) To keep the car running in straight line, do not move the control wheel. (Keeo it at centre)

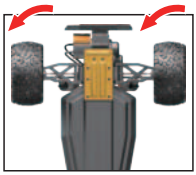
**TURN LEFT**

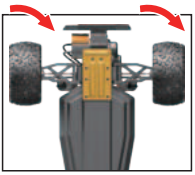
2) Turn it left to allow your vehicle turn to left.

**TURN RIGHT**

3) Turn it right to allow your vehicle turn to left.

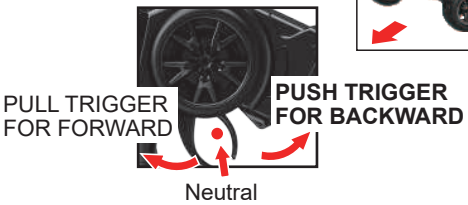






# RUNNING YOUR CAR

**CHECK TRIGGER RESPONSE**




A. Pull the trigger back to accelerate, release it to decelerate and push it to brake.
B. To stop running your car, release the trigger to Neutral.
C. Pushing the trigger a second time activates the reverse feature.

# MAINTENANCE

After running your car, the following procedures should be performed regularly and will help to maintain your car's performance.

- Inspect your car for any obvious damage.
- Check the gears for wear, debris or broken/slipping teeth.
- Check the wheels and tighten the wheel screws properly.
- Check for loose screws in the chassis.
- Check the wiring for frayed or damaged wires or connectors.
- Check the steering servo which will wear out over time and require replacement.
- Check all batteries.
- Keep the chassis clean and free of sand, dust and moisture.
- Remove and clean the motor if necessary. (Never attempt to re-assemble the motor, you will damage it and void the warranty.)
- Clean the car body with a soft lint-free cloth.
- Remove all batteries when not in use.

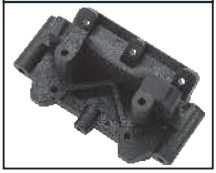
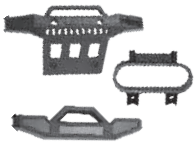
# CAR AND TRANSMITTER

**(1).CAR**

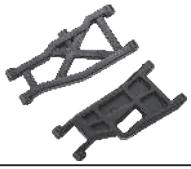
**(2).TRANSMITTER**

# SALE PARTS VIEW

| 10401-1 | 10401-2 | 10401-3 | 10401-4 |
|---|---|---|---|
| | | | |
| Chassis | Chassis Guard | Servo Guard | Servo Wire Guard |

| 10401-5 | 10401-6 | 10401-8 | 10401-9 |
|---|---|---|---|
| |  |  | |
| Velcro And Fasteners | Portal Frame | Front And Rear Bumper Assembly | Front And Rear Shock Tower |

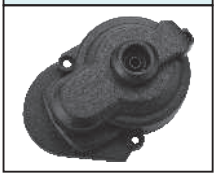
| 10401-10 | 10401-11 | 10401-12 | 10401-14 |
|---|---|---|---|
| | | | |
| Front And Rear Car Shell Tower | Front/Rear Upper Links (2PCS) | L & R Steering Links Servo Link | Servo Saver Assembly |

| 10401-15 | 10401-16 | 10401-17L | 10401-17R |
|---|---|---|---|
| |  | | |
| Steering Assembly | Front And Rear Suspension Arms | The Left Front Hub Carriers And Steering Hubs | The Right Front Hub Carriers And Steering Hubs |

| 10401-18 | 10401-19 | 10401-20 | 10401-21 |
|---|---|---|---|
| | | | |
| L/R Rear Hubs (2PCS) | Front Metal Shock (2PCS) | Rear Metal Shock (2PCS) | Gearbox Housing |

# SALE PARTS VIEW

10401-22



Gearbox
Housing Guard

10401-24

Wheels Complete
(2PCS)

10401-26

Empennage

10401-29

Brushed Controller

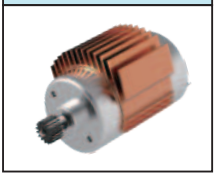
10401-32

Li-ion Battery Pack
(7.4V 2600mAH)

10401-34

5 Wire 6KG Steering
Servo And Assembly

10401-35

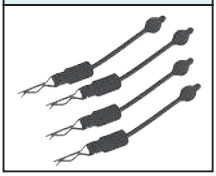


RC550 Motor

10401-36

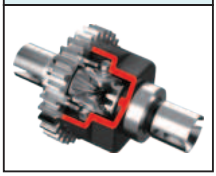
Brushed
ESC/Receiver

10401-52



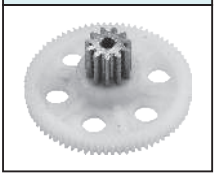
Body Clips
(4PCS)

10401-41



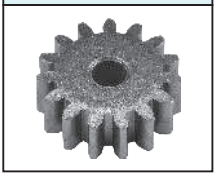
Metal Differential

10401-42



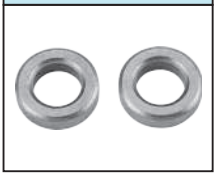
Reduction Gear
And Metal Gear

10401-43



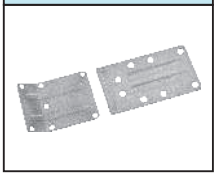
Metal Driven Gear

10401-44



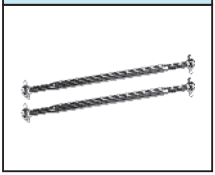
Reduction Gear
Copper Bearing
(2PCS)

10401-45



Chassis Metal Armor

10401-47



Metal Wheel Drive
Shaft(2PCS)

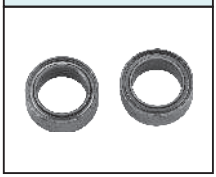
10401-48

Metal Front Axle And
Steel shaft、Hexagoal
(2PCS)

10401-49

Metal Rear Axle And
Steel shaft、Hexagoal
(2PCS)

10401-50



The Bearings For
The Axle
6.3x9.5x3.1mm(2PCS)

10401-51

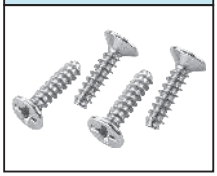
The Bearings For The
Differential
10x15x4mm(2PCS)

10401-53

M4 Nut
(4PCS)

# SALE PARTS VIEW

| 10401-61 | 10401-62 | 10401-63 | 10401-64 |
|---|---|---|---|
| | | | |
| The Screw For The Suspension Arms (3.2X39mm)(2PCS) | The Screw For The Hub Carriers And Steering Hubs (3.2X27mm)(2PCS) | The Screw For The Ball (3X13mm)(4PCS) | The Screw For The Guard (3X13mm)(4PCS) |

| 10401-65 | 10401-66 | 10401-67 | 10421-81 |
|---|---|---|---|
| |  | | |
| The Screw For The Shock And Gearbox (3X20mm)(4PCS) | The Screw For The Chassis (3X10mm)(4PCS) | The Screw For The Upper Links (4X11mm)(4PCS) | Brushed Polar Lights Sheel (RED) |

| 10422-81 |
|---|
| |
| Brushed Polar Lights Sheel (GREEN) |

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CONTACT CIRMINE BRAND FOR DAMAGED
REPLACEMENT PARTS