

RC-PRO

We believe that you should make the most out of your R/C vehicle. If you are ever in need of advice, service or parts, please visit our website for a list of our retailers and service centers.

WWW.RCPRO.CA

RC-PRO

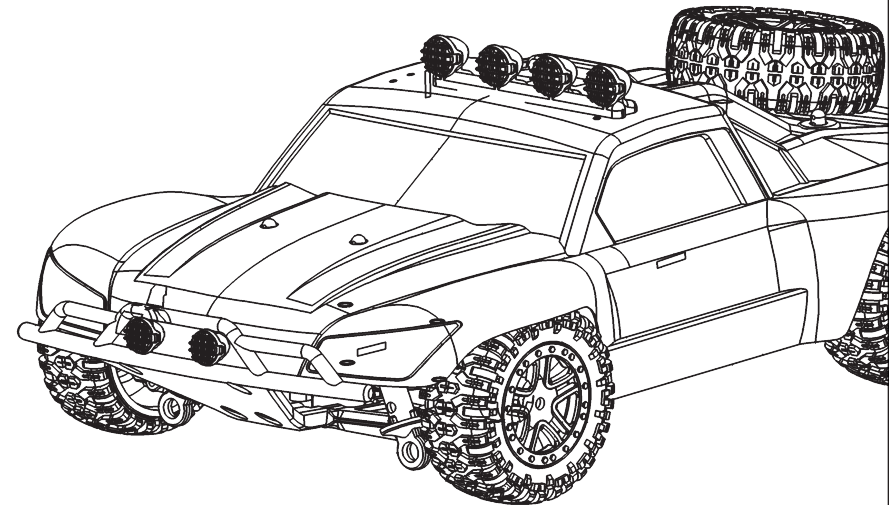
14+

AGES

THRASHER

MANUAL

1/18 SCALE 4WD SHORT COURSE TRUCK
2.4G RADIO SYSTEM



WARNING: PLEASE READ THE INSTRUCTION MANUAL BEFORE OPERATING THE PRODUCT

BEFORE YOU PROCEED

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INSTRUCTIONS

Thank you for purchasing the THRASHER truck. Please read all instructions and warnings carefully before operating. Please also keep this instruction manual for future reference and maintenance.

IMPORTANT:

1. This THRASHER truck is not a toy. It may cause injury or damage if not used properly under a controlled environment. Always make sure you practice driving in an open airspace area while following the rules and regulations which applies to the area to avoid any potential damage or Injury.
2. This product is suitable for experienced drivers no less than 14 years of age.

BEFORE YOU PROCEED

Please read carefully and follow all instructions.

Violation of these instructions shall be deemed as misuse or faulty operation. Before operating your remote-controlled car, please read all contents of this manual and check carefully the remote car.

Dealer shall not support return & exchange after the remote-controlled car is unpacked or used.

SAFETY PRECAUTIONS

PAY ATTENTION TO SAFETY PRECAUTIONS



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

- The truck is suitable for ages 14 and above. Parents should supervise children who operate the truck.
- This truck is suitable for indoor or outdoor use.
- Switch off the truck and disconnect the battery when not in use.
- Keep hands, face and loose clothing away from the truck.
- Always follow these instructions when operating this truck.
- Do not operate near people or animals.
- Always unplug battery from charger after charging is complete. Disconnect the charger from the power source and only then disconnect the battery from the charger.
- DO NOT store the truck in a damp environment. The truck's interior is composed of delicate electronic components and mechanical parts, which can be seriously damaged by moisture. Please take serious care, as this type of damage may not be visible on the outside, but can cause the product damage or act unpredictably once in use.
- Always operate with safety in mind. DO NOT use this truck under the influence of drugs or alcohol, or in the case of fatigue, as improper operation can cause serious injury and/or property damage.
- DO NOT store or operate in high heat, as electrical components can be damaged.
- Small parts are included with this product. Please place it beyond the reach of the children to avoid a CHOKING HAZARD or parts being mistakenly swallowed.
- Only the original charger made from our factory can be used.
- Charger is not a toy.
- Engine will heat up. Please DO NOT touch it to avoid being burned or injured.
- Always operate your truck within eye sight.
- RC-PRO's all-weather electronics allow you to operate your truck in various conditions, including rain, snow, mud and more. DO NOT submerge your RC-PRO Truck!

INSTRUCTIONS

RECHARGEABLE BATTERY

Connect the truck battery to the charger. Plug the charger into a power outlet and fully charge (about 2.5 hours). DO NOT LEAVE CHARGING BATTERY UNATTENDED. The green LED light on the USB charger will flash as long as the battery is charging. The green LED light will turn to solid once the battery is full. The battery may be warm when charging is complete. Disconnect the charger from the outlet, then the battery from the charger.

BATTERY PRECAUTIONS

- Non-rechargeable batteries cannot be recharged.
- Do not dismantle or short circuit batteries.
- Keep batteries away from heat and flame.
- Charge rechargeable batteries under adult supervision.
- Remove rechargeable battery from the buggy before charging and when not in use.
- Remove battery before cleaning.
- Regularly check all wires, plugs and batteries to ensure proper performance and safety. In case of damage discontinue use until repair.

LITHIUM BATTERY SAFETY PRECAUTIONS

Our company is not liable for any damages incurred by the appropriate or inappropriate use of this product.

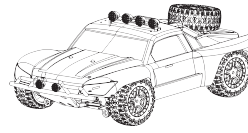
Warning: Check all batteries before charging and before use. Do not use or charge damaged batteries. Do not over-charge batteries. Keep batteries away from heat and flame. Lithium is highly reactive with water; always keep batteries away from water and humid conditions. Keep out of reach of children and pets. Product should not be used by persons under 14 years of age, and should be accompanied by an adult until 18 years of age. Our company is not liable for any damages resulting from improper use or handling of the product.



WARNING: Product should only be used by adults and children 14 years and older. Adult supervision required for children under 14 years of age.

WARNING: CHARGING OF THE TRUCK BATTERY MUST BE SUPERVISED AT ALL TIMES BY AN ADULT. UNPLUG THE BATTERY WHEN FULLY CHARGED. DO NOT OVER-CHARGE THE BATTERY.

PRODUCT PACKAGING CONTENT



THRASHER X1



Remote X1



7.4V 850mAh
Lipo Battery X1



USB Charger X1



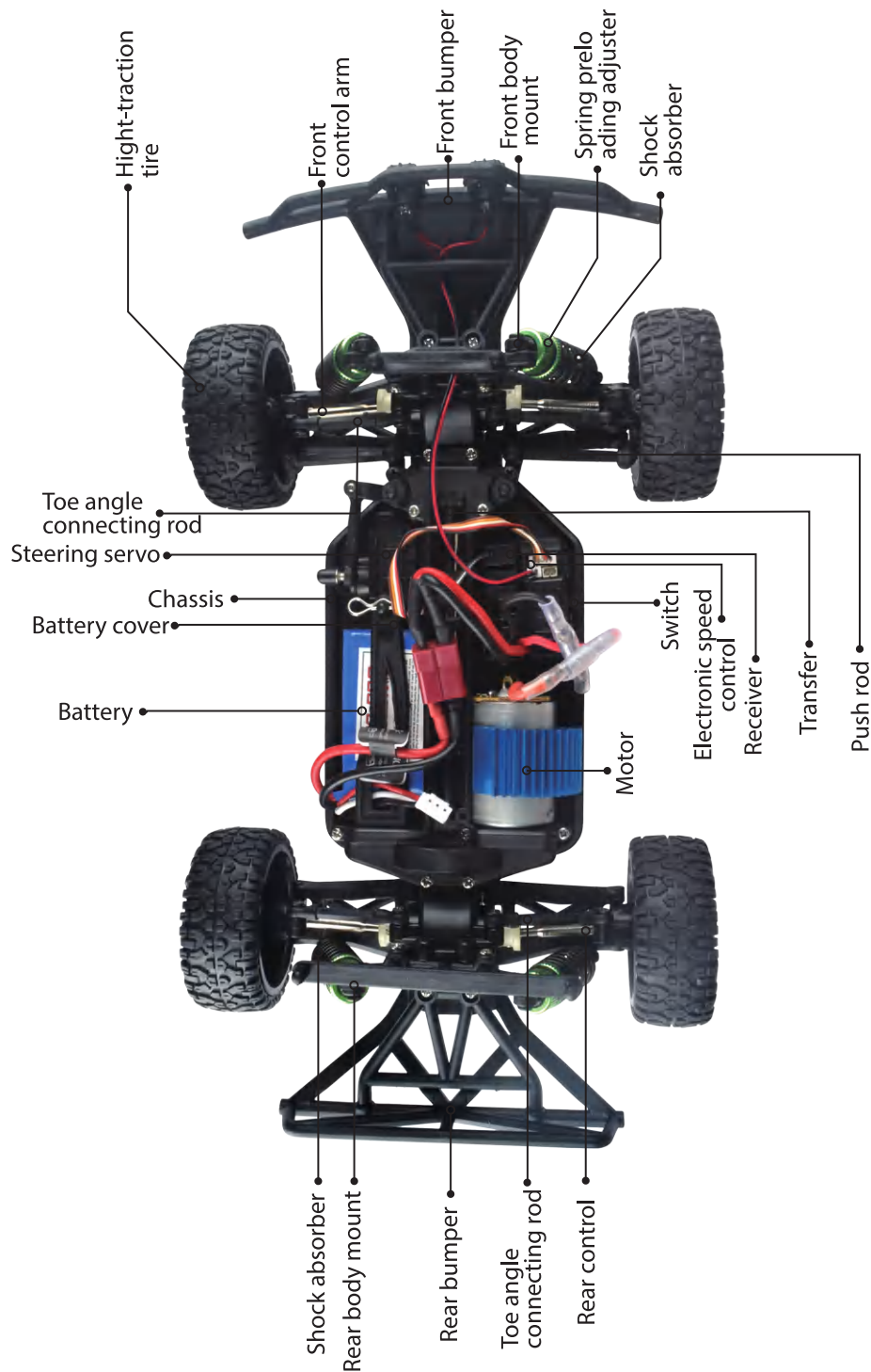
Body Clip X5



Manual X1

PRODUCT SPECIFICATION

Size of graphic carton (L*W*H):	468X250X130mm
Size of car (L*W*H):	285x170x125mm
Car weight (includes battery):	0.695kgs
Wheel base:	162mm
Wheel diameter:	69mm
Drive:	4WD
Motor:	380 driver
Steering servo:	1.1KG tense
Battery:	7.4V 850mAh Lipo battery
Remote frequency:	2.4GHz
Remote distance:	100m
Charging mode:	USB balance charging cable

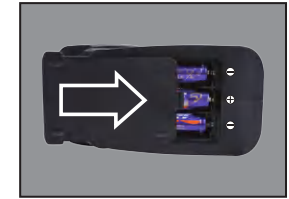
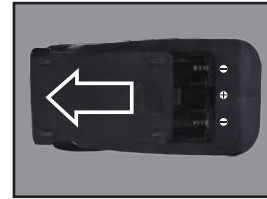


5.

INSTALLATION OF REMOTE BATTERY

Your remote requires three AA batteries (No.5). The battery compartment is at the bottom of the remote.

1. Hold and slide the battery compartment to take off the battery compartment cover.
2. Install the battery according to correct directions of positive and negative anodes, indicating on the battery compartment.
3. Re-install and close the battery compartment.



4. Turn the remote power on to check its state indicator light with red.
5. Once the remote control is paired with the truck, the indicator light will remain solid and the truck is ready to go.

The remote's LED indicator light will flash slowly in case the AA batteries are too weak. In this case, please change to fully charged AA batteries.

If the LED indicator of the remote is off, please check the direction of the positive and negative anodes and check whether the battery is charged fully.

Please refer to diagram of Identification number on page 9 for any other flash signals from LED.



Use normal battery

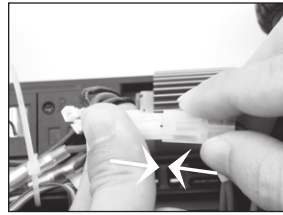
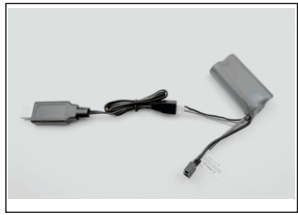
Your remote control use AA batteries which are not included in this package. You also can use rechargeable battery in your remote. Please make sure that rechargeable batteries are charged fully according to instructions of manufacturers. If you use rechargeable batteries in your remote, you should know that their power is consumed quickly compared with other alkaline batteries.



Note: When your remote-control's batteries voltage reaches low levels (red light flashes slowly), please stop running the truck immediately in order to avoid damage or injury due to signal loss.

6.

READY FOR PLAY



INSTALL THE BATTERY PACK FOR YOUR MODEL

Your truck comes with an included 7.4V Lipo Rechargeable Battery pack. Please install the battery according to the following steps:

1. Remove the buggy's cover.
2. Remove the buckle that holds the battery cover.
3. Place the battery in the designated compartment and make sure the wires are positioned towards the front of the car.
4. Replace the battery cover, re-install the buckle and make sure the battery wire is not being pinched.

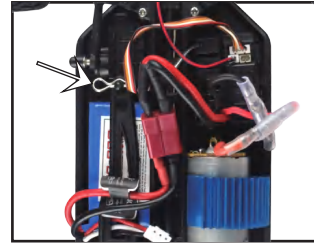


WARNINGS: LiPo batteries are only suitable for advanced users who have been aware of battery risks. It is not recommended that children below 14 years old operate LiPo batteries with direction of experienced adults. Please strictly obey directions from battery manufacturers and charger manufacturers charge, and it is important for you and users of this product to use and store LiPo batteries. Be sure your safety and understand how to use LiPo battery. Please notice that our company has no obligations to install batteries of the model, therefore, we will assume liability of any special, non-direct, attached or indirect loss caused by using LiPo battery.

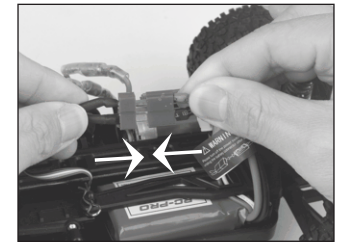
NOTE OF REMOTE OPERATION

This 2.4G remote is equipped with directional antenna. In order to obtain maximum distance, please hold the remote vertically towards the model.

PAIRING



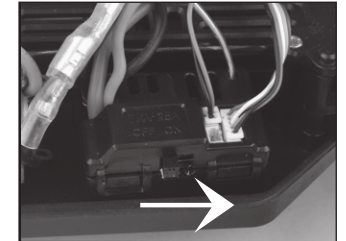
1. Install the battery into the truck and secure battery strap to post using clip.



2. Connect the battery.



3. Switch remote control on.



4. Switch Truck on.

5. Make sure you switch the truck on within 20 seconds of switching on the remote-control.

If you are using more than 1 truck then In order to avoid signal interference, always pair 1 truck at a time. Continue to pair a second truck only after pairing is completed.





Socket Wrench



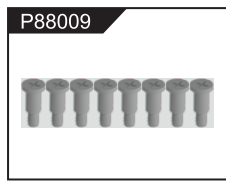
3MM Crosstip Screwdrivers



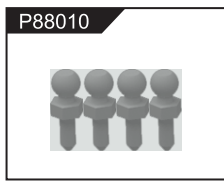
2MM Hexagon Wrench

LITHIUM BATTERIES WARNINGS AND PROPER USAGE INFORMATION

- **DO NOT LEAVE LITHIUM BATTERIES CHARGING UNATTENDAND.** You should always remain close to the charging battery to monitor the charging process and react to potential problems should they occur.
- **Only use the provided charger in order to charge the included battery.** Failure to do so may cause fire, which may result in personal injury and/or property damage.
- **Do not charge Lithium batteries inside the model/car/boat etc.**
- **Do not puncture the Lithium battery.**
- **Only charge in isolated charging area away from flammable materials and on non-conductive and non-flammable surface.** Lithium batteries fires cannot be extinguished with water. If a fire occur, wither cover it with sand or better still salt. On no account use water to extinguish a fire as water acts as petrol for Lithium batteries.
- **If at any time you see a part of the battery 'puff up' disconnect from the charger immediately and either cover it with sand, or place in a non-conductive container and place it outside away from all flammable objects for at least 30 minutes.**
- **Manually check the temperature of your Lithium battery pack constantly during charging.** Unlike other types of cells, Lithium cells should never get warm and should stay at the ambient temperature when being charged. If any of the individuals cell within a pack becomes warm/hot compared to the other cells, disconnect it immediately and either cover it in sand or place it in a non-conductive container and place it outside away from all flammable objects for at least 30 minutes.
- **Store Lithium batteries in a temperature between 5-27°c (40°-80°F) for best results.** The lower the temperature the better.
- **Always disconnect the battery from your device/car/boat etc. when not in use.**
- **Always check the batteries for physical or electrical damage before charging or discharging.**
- **Do not short wires of your Lithium batteries, this is very dangerous and can cause a fire or even explosion.** If you accidentally short wires your Lithium battery. Either cover it in sand or place it in a non-conductive container and place it outside away from all flammable objects for at least 30 minutes.
- **Do not 'Top up' your Lithium batteries.** Even if you charged them a year ago. Lithium loose less than 1% of their capacity per month just use them and recharge as normal.
- **Do not charge cells that have been stored in cold conditions below 10°c/50°f, let them warm up for a minimum of 30 minutes.**
- **You risk an explosion if you attempt to charge batteries which has been used or stored under 0°c/32°f. Warm them first for at least 60 minutes above 10°c before charging.**
- **Do not store your Lithium batteries for extended periods of time (more than 1 hour) in a hot place as this may cause them to catch fire or even explode.**
- **Do not ingest contents of Lithium batteries; if you do accidentally swallow any content of Lithium batteries seek medical attention immediately.**
- **Keep all batteries out of reach of children.**



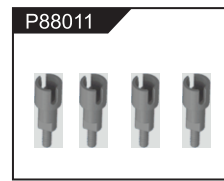
Φ 2.3x10Step screw



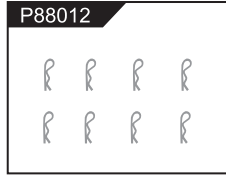
Φ 4.5Ball head screw



Φ Ball Head Screw
(Update Parts)



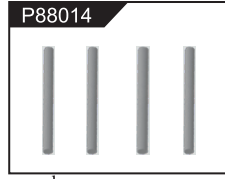
Φ 6 wheel cup shaft



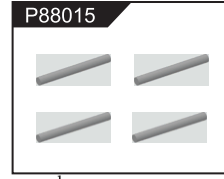
Φ 1 R type bolt



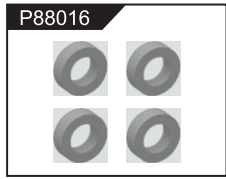
Wheel drive shaft



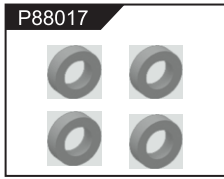
Φ 2x39Rocker shaft



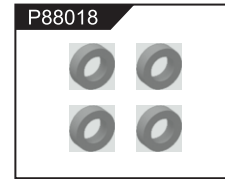
Φ 2x20Wheel shaft



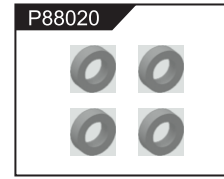
Φ 8x12x3.5 Oil bearing



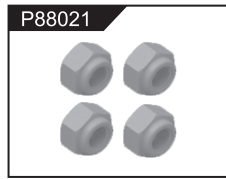
Φ 6x10x3 Oil bearing



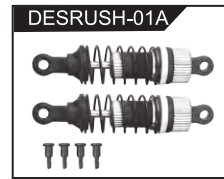
Φ 8*12*3.5 ball bearing



Φ 4x8x3 Ball bearing



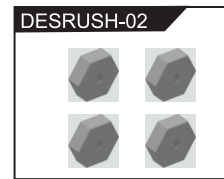
M3 Anti slip nut



Oil Shock Absorber
(Upgrade Parts)



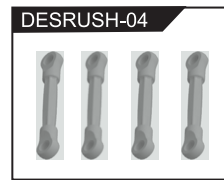
Damping Oil



Six corner sets (shaft)



Steering Tie Rod
(Update Parts)



Damping connecting rod



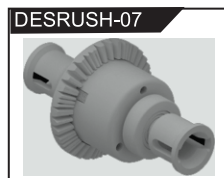
Drive shaft assembly



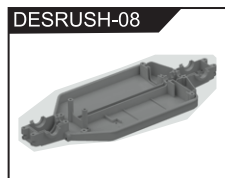
Drive shaft
assembly-bevel gear



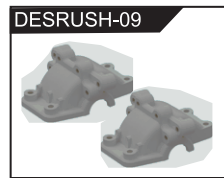
Steering linkage assembly



Differential assembly



Vehicle bttom



Transmission coVer



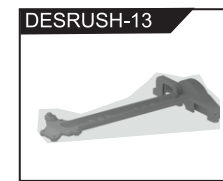
Steering uniVersal wheel



Rear wheel seat



Left and right swing arm



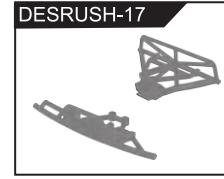
Motor layering



The battery strip



Rudder compression



FRONT /BACK
anti-collision frame



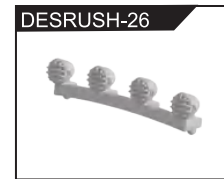
Front and Rear Bracket Set



Tire



Car Shell



Roof Light And Lampshade



Headlamp



NEW Waterproof ESC



Heat sink



Motor Heat Sink
(Large Size)



9g five wire rudder
components



7.4V 850mAh Li-Po battery



7.4V 1100mAh Li-Po battery



7.4V Li-Po battery
balance charger



380 Motor



High-speed motor
(Update Parts)



Motor 14 Gears



Motor 17 Gears(Update Parts)



Transmitter

OPERATING YOUR TRUCK

N level: Pull the trigger to allow the car to advance, while reverse the trigger to draw back the car.

R level: Pull the trigger to draw back the car. Reverse the trigger to allow the car to advance.



N level: Rotate knob left, the car turns left and Rotate knob right, the car turns right.

R level: Rotate knob left, the car turns right and Rotate knob right, the car turns left.

DRIVING YOUR TRUCK

PAIR YOUR TRUCK TO THE REMOTE CONTROL. SEE PAGE 8 FOR PAIRING INSTRUCTIONS.

- Pull the throttle towards your body softly and the truck will start moving forward. The harder you pull the faster the truck will go.
- To brake, push the throttle away from your body. To drive in reverse, push again.
- To stop slowly just let go of the throttle.
- When the battery reach low voltage, the truck will stop. The truck is equipped with LVC to protect the battery.



BEFORE RECHARGING

- Before charging the battery be sure it has cooled off from last use.

TRUCK MAINTENANCE

Your model needs to be repaired in time to ensure its optimal operational state. High attention should be paid to following steps. Check whether the car has obvious damage or wearing. For example:

1. Check whether it has broken, bent or damaged parts;
2. Check whether wheel hub and steering are installed in place;
3. Check whether it has worn wires or connecting rod with loose connection;
4. Check receiver and remote, and installation of electronic speed controller;
5. Check wheels for proper tightness;
6. Check remote system, especially battery capacity;
7. Check car body and suspension for loose screws;
8. Check tightness of all componets;

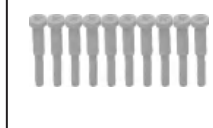
PARTS LIST

P88001



φ 2.3x15Round head screw

P88002



φ 1.8x14Round head screw

P88003



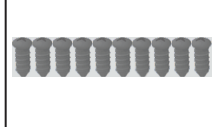
φ 2. 3x6 Round head screw

P88004



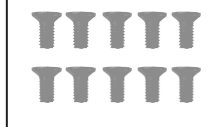
φ 2.3x8 Round head screw

P88005



φ 2.3x8Flat head screws

P88006



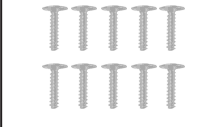
M2.5x6Flat head screws

P88007



φ 2.3x10Round head screw

P88008



φ 2.3x10Cup head screw

2.4GHZ REMOTE

REMOTE CONTROLLER

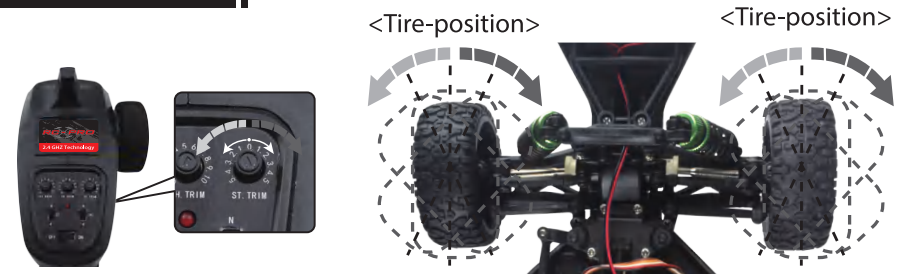


REMOTE LED CODES

LED color/pattern	Name	Solution
Solid red light	Normal driving pattern	Please refer to information about how to use remote control on page 9.
Slow flashing red light (on at 0.5s/off at 0.5s)	Low power	Replace batteries in the remote. See page 6 for more info.
Fast flashing red light (on at 0.125s/off at 0.125s)	Pairing failed/error	Please turn the remote system off and restart in order to reset the receiver. Please check if the battery level is sufficient or whether the antenna has been damaged.

CONTROLLING THE MONSTER TRUCK

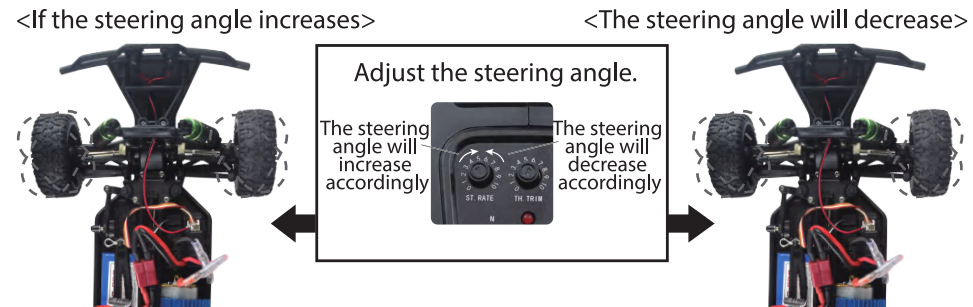
STEERING TRIM



- If the truck tracks right (when viewed from behind), rotate the ST.TRIM knob slightly left.
- If the truck tracks left (when viewed from behind), rotate the ST.TRIM knob slightly right.
- Check that the servo saver screw is fully tightened to ensure that your truck tracks straight.

STEERING DUAL RATE

If you need to limit the angle of steering your truck has, rotate the "ST.RATE" knob counterclockwise. For sharper steering angle, rotate the knob clockwise.



THROTTLE DUAL RATE

In order to limit the maximum speed of your truck, rotate the "TH.TRIM" knob counterclockwise. For higher top speeds, rotate the knob clockwise.



TRUCK PARTS DIAGRAM

