

HOBBY GRADE READY TO RUN

ITEM NO. : 10683
OFF ROAD TRUCK



FOUR WHEEL DRIVE
2.4GHz DIGITAL RADIO SYSTEM
SPLASH WATERPROOF
BALL BEARINGS THROUGHOUT
FUN-AFFORABLE-DURABLE

ITEM NO. : 10681
OFF ROAD BUGGY



ITEM NO. : 10682
OFF ROAD TRUGGY



1/10TH SCALE 4WD ELECTRIC POWERED BUGGY / TRUGGY / TRUCK

Technical Data:

TYPE	LENGTH	WIDTH	HEIGHT	WHEELBASE	GROUND CLEARANCE	WHEEL DIA.	WHEEL WIDTH	MOTOR	GEAR RATIO
BUGGY	390mm	250mm	146mm	270mm	18mm	88mm	41mm(Fr.) 34mm(Rr.)	RC 540	1:8.8
TYPE	LENGTH	WIDTH	HEIGHT	WHEELBASE	GROUND CLEARANCE	WHEEL DIA.	WHEEL WIDTH	MOTOR	GEAR RATIO
TRUGGY	405mm	315mm	165mm	270mm	28mm	105mm	56mm	RC 550	1:9.7
TYPE	LENGTH	WIDTH	HEIGHT	WHEELBASE	GROUND CLEARANCE	WHEEL DIA.	WHEEL WIDTH	MOTOR	GEAR RATIO
TRUCK	400mm	320mm	200mm	270mm	38mm	125mm	58mm	RC 550	1:9.7

This data is subject to change without prior notification.

This product is the off-road hobby grade vehicle, which comes in RTR version suitable for R/C hobby beginners.

This product is NOT a toy, and NOT intended for operators under 14 years of age, unless closely supervised by an adult.

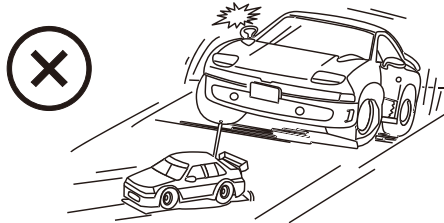
The images in the manual may vary from the actual product.

Operate the vehicle with due care and always be a good driver attentive to yourself and others.

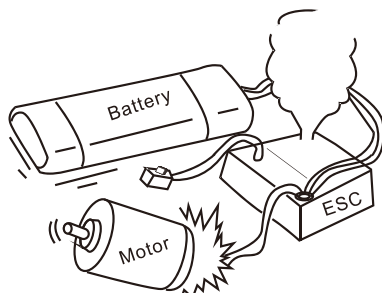
★ PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS CAREFULLY BEFORE USE.

GENERAL WARNINGS

- Under no circumstances should you operate your car in crowds of people. Serious injury could result.
- Never operate your car on any public streets. This could cause traffic accidents, personal injury and/or property damage. The car is only allowed to be driven on the track where it is for RC cars.



- Do not use your car to chase pets or other animals.
- The receiver, steering servo and other electronics installed in your car are not waterproof; therefore, do not drive through water, wet grass, mud or snow.
- Because your car is operated by radio control, it is important to make sure you are always using fresh and/or fully charged batteries. Never allow the batteries to run low in the radio controller or you could lose control of your car.
- If your car 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 (electronic speed controller).
- Before running your car, check the battery wiring and plugs are not loose. Otherwise, it could cause damage to your car when running.



- Before running your car, make certain to adjust the stop, low, middle, and top speed positions of your car.
- A worn motor will overheat and result in a short running time.
- Replace a worn out motor as soon as possible.



Any malfunction incurred by contrived upgrading and modification will void warranty.

RADIO CONTROL SYSTEM WARNINGS

- If you are testing the motor, be careful not to touch any moving parts. Serious injury could result.
- To prevent excessive r.p.m.'s from damaging the motor and/or the drivetrain components, we suggest reducing the throttle while in the air during jumps.
- It is normally the case that the car runs slower when it is going uphill. It does not mean anything wrong with the car.
- Never attempt to re-assemble motor, ESC, and receiver which have been well adjusted at factory.
- Always apply our recommended optional parts to your car.
- To upgrade your car allows you to upgrade the whole system (such as motor, ESC, receiver and the like). They should be well matched.
- When turning on your car, always turn ON the radio control before turning ON the receiver.
- When turning off your car, always turn OFF the receiver before turning OFF the radio control.
- Never cut the receiver antenna shorter or you could lose control of your car.
- When operating your car, make sure the radio control's antenna is completely extended.

BATTERY/CHARGER WARNINGS

- Always unplug the battery pack when not in use.
- Always allow the battery to completely cool before recharging.
- Never over-charge the battery or serious damage to the battery and/or the user could result.
- Periodically check the battery for excessive heat build-up during the charging process. If the battery is hot to the touch, remove it from the charger and let it cool. Never leave the battery unattended during the charging process.
- Do not dismantle or modify the battery or charger. No user serviceable parts are inside.
- Never charge your battery unattended.

GENERAL INFORMATION

- ◆ Thank you for selecting our 1-10th scale 4WD car. It is designed to be fun to drive and uses top quality parts for durability and performance.
- ◆ This is a high performance R/C kit, and it requires regular maintenance for best performance. Failure to do so will harm performance. In the last pages of this manual there are a complete list of spare parts on sale to keep your car performing at its best.
- ◆ This product is not a toy. It is not suitable for users under 14 years old unless they are supervised by adults.
- ◆ Never attempt to re-assemble the motor , ESC, and receiver. These have been carefully calibrated at the factory.
- ◆ Only use manufactured parts to upgrade your car. If you perform a drive train upgrade, replace the entire system (Such as motor, ESC, receiver and the like) so that all components are properly matched. Any malfunction incurred by custom modification will void your warranty.

SAFETY CAUTIONS

Before Running:

- Please read and understand all instructions carefully (Not suitable for operators under 14 years of age, unless closely supervised by an adult.
- Regular check is a must for your car. (Especially for tightness of wheels, screws, nuts and bearings...)
- Always use fresh batteries for your transmitter and receiver to avoid losing control of your car.
- Please confirm the neutral throttle trigger position.
- Keep in mind that before running you must turn on the transmitter first, then the receiver.

While Running:

- Never run on a public street, this could cause serious accidents, personal injuries and/or damage to properties.
- Never run near pedestrians or small children.
- Never run in small or confined areas.
- Never keep close to the operators using same frequencies at the same time. Failure to do so will cause lose of control of your cars.

After Running:

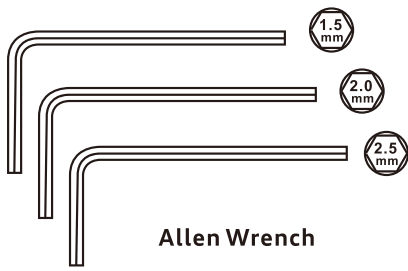
- Bear in mind that before running you must turn off the receiver first, then the transmitter.
- It is necessary for you to perform routine maintenance. Failure to do so can result in increased wear and harm the performance.
- Remove battery from the car if it is not in use in a long period. Also, remove batteries from transmitter if not in use.
- Check all wires and connectors (on motor , on ESC and on battery). If damaged replace and repair them immediately.
- Never touch motor just after running as it can cause burn.

PACKAGING INCLUDED:

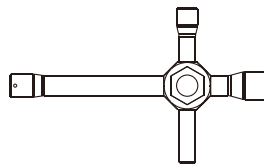
- ◆ One 1-10th Scale 4WD electric powered R/C car (Battery and charger are included.)
- ◆ One Radio Control (not specified)
- ◆ One English instruction manual

Please charge your battery before running. And, install AA size batteries (not included) to your radio controller.

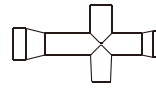
ASSEMBLY KIT REQUIRED (NOT INCLUDED IN THE PACKAGING):



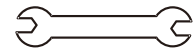
Allen Wrench



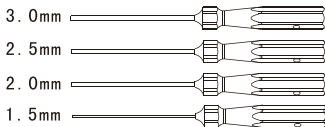
Cross Wrench (Large)
(8 / 9 / 10 / 12mm)



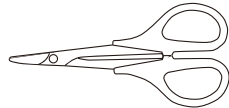
Cross Wrench (Small)
(2 / 2.5 / 3 / 4mm)



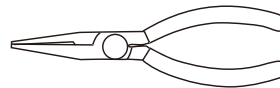
Turnbuckle Wrench



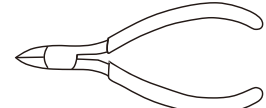
Screw Driver



Curve Head Scissors



Acutilingual Plier



Body Cutter

3-in-1 RADIO SYSTEM

The car is installed with 3-in-1 radio system: 3-in-1 unit (receiver/ESC/5-plug steering servo)

RADIO CONTROLLER

FUNCTIONS OF SWITCHES

Your car is now equipped with the new 2.4GHz radio system. Please read and understand all instructions below before operating.



- 1) Steering Wheel
- 2) Trigger
- 3) Steering Trim
- 4) Throttle Trim
- 5) Steering Reverse Switch
- 6) Power Indicator
- 7) Power ON/OFF
- 8) AUX. Button
(This button is disabled for the car)

Steering Wheel: It proportionally operate the right and left steering control of the model.

Battery Case: It requires 2pcs of AA size batteries.

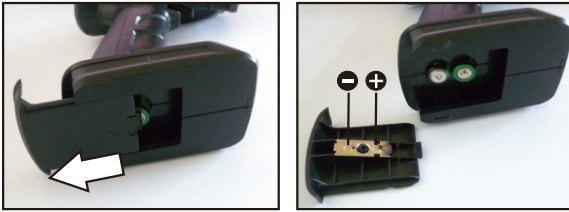
Power Switch: It is applied to turn ON/OFF the radio controller.

Steering Trim: It is applied to adjust the centre trim of the steering channel.

Steering Reverse: It allows you to switch the directions of the steering servo travel.

Power Indicator: When the radio controller is turned on, LED flashes sharply which indicates that the radio controller is seeking the receiver's signal and binding is in process. When the power is enough, LED is solid on. When the power is not enough, LED will have two flashes in turn. If it is the case, you are required to replace with the new batteries.

BATTERY INSTALLATION



Slide the battery cover as shown in the photos, install two AA size batteries into the battery compartment, and replace the battery cover.

NOTE: Do not insert the batteries with incorrect polarities.

The battery cover is located on the bottom of the radio controller. Slide the battery cover as shown in the photos, install two AA size batteries into the battery compartment, and replace the battery cover.

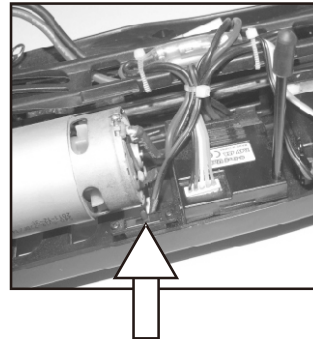
RUNNING YOUR CAR

1) TURN ON THE RADIO CONTROLLER



Switch on the power switch on the radio controller.

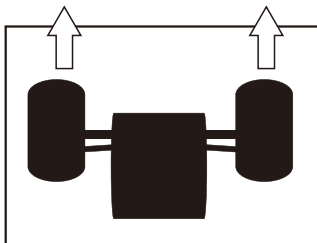
2) TURN ON ESC/RECEIVER SWITCH



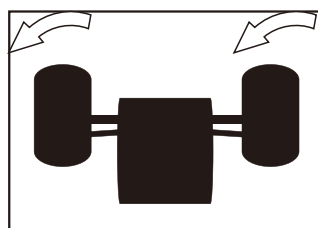
Switch on the ESC/Receiver switch as shown in the picture. Your car is automatically bound with your radio controller.

3) CHECK STEERING PERFORMANCE

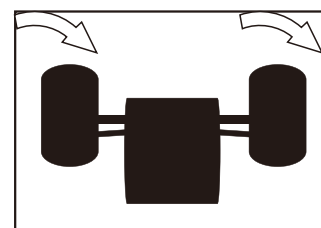
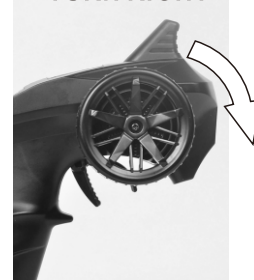
CENTRE



TURN LEFT



TURN RIGHT



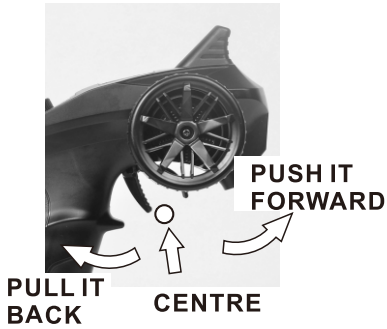
1) Place the steering wheel at Center to enable the vehicle to run straight in line.

(NOTE: Flipping to trim the steering wheel is occasionally needed. It largely depends on the conditions of the terrains on which the vehicle runs.)

2) Turn the steering wheel to the left, and the car turns left.

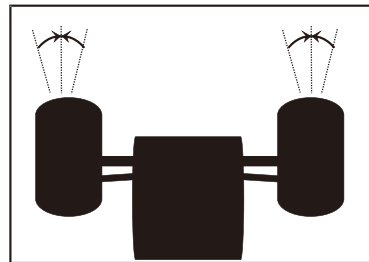
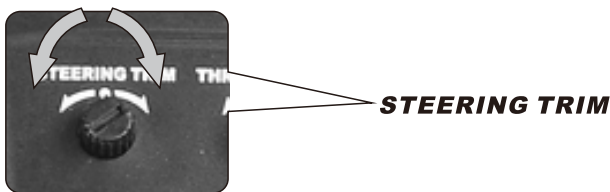
3) Turn the steering wheel to the right, and the car turns right.

4 CHECK TRIGGER RESPONSE



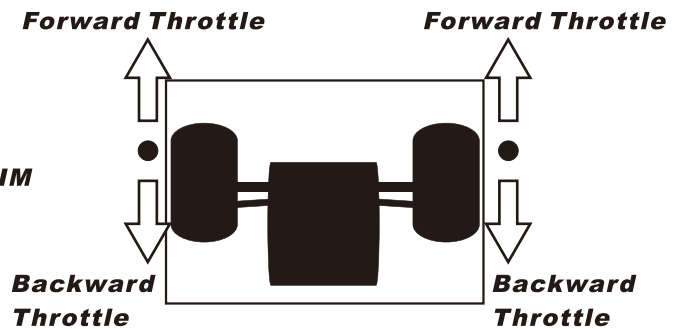
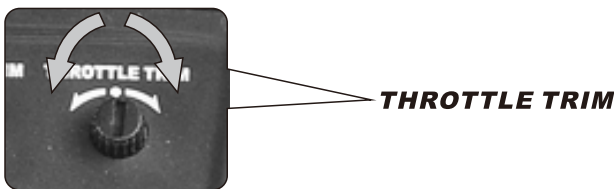
- A. Pull the trigger back to accelerate, release it to decelerate and push it to brake.
- B. To stop running your car, release the trigger to Centre.
- C. Pushing the trigger a second time activates the reverse feature.

5 TO TUNE THE STEERING TRIM



The trigger is unmoved and the vehicle is static. Tune the steering trim to enable the front wheels to be aligned. Under this case, the steering Center Point is set. You can turn this switch to obtain your desire Left/Right steering angles.

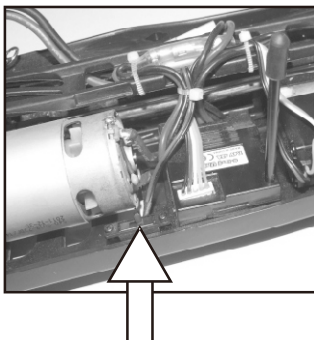
6 TO TUNE THE THROTTLE TRIM



Place the vehicle with four wheels off ground. Trim the switch and you will see the wheels run either forwards or backwards. When the wheels are trimmed to stop, this point is throttle Center Point.

STOPPING RUNNING

1 TURN OFF 3-IN-1 UNIT



2 TURN OFF RADIO CONTROLLER



CHARGING YOUR CAR RECHARGEABLE BATTERY

Use ONLY the specified charger to charge the battery pack.

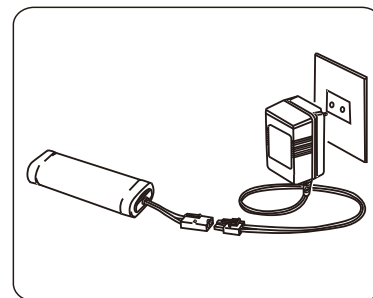
The charging time is normally 4-4.5 hours, which depends on what class of charger and battery pack are used. (For instance: When you use 500mAH charger to charge the 7.2V, 2000mAH battery pack, the charging time is 4-4.5 hours.)

Do not charge the battery pack unattended, and keep away from children's reach.

Dispose of the damaged battery pack in the recycling dustbin.

Always use the battery pack after it is fully charged.

Charge the battery pack before storing it in a dry and clean place.



MAINTAINING YOUR CAR

--Inspect the vehicle for any obvious damage.

--Check the gears for wear, debris or broken/slipping teeth.

--Check the wheels and tighten the wheel screws/nuts properly.

--Check of loose screws in the chassis.

--Check the wiring for frayed or damaged wires and/or connectors.

--Check the steering servo which will wear out over time and require replacement.

--Check all batteries in the car and in the radio controller. Charge or replace them.

--Keep the chassis clean and free of sand, dust and moisture.

--Check there are no grass (or something) getting twisted in the drivetrain, and clean them.

--Clean the motor if necessary. (Never attempt to re-assemble the motor.)

--Clean the car body with a soft lint-free cloth.

--Store the vehicle in a clean and dry place out of children's reach. Storage should not expose the vehicle to any source of heat and water.

TROUBLESHOOTING LIST

A. The vehicle does not work at all:

1) Check to ensure that radio controller and car are switched on.

2) Check the battery power, and replace with the new batteries if necessary

3) Check if there are damaged parts/wires/connectors, repair or replace if necessary

4) Car battery is flat. Charge the battery pack.

B. The vehicle runs slowly:

1) Car battery is flat. Charge the battery pack.

2) Check if the vehicle is properly geared and no dirty or stripped gears are found, and make sure the reliable gear mesh for motor pinion and the spur gear.

3) Check if there is something troubling to the moving parts, and clean them immediately.

C. The throttle works but not the steering:

1) Check if the servo feels jammed, and try centering it gently if it is the case.

2) Check if the servo link is loose or the servo breaks. Repair or replace with the new one if possible.

D. It steers, but throttle is uncontrollable:

1) Check if there are damaged parts in the entire drivetrain.

2) Check the batteries both for radio controller and the car.

E. The vehicle runs noisily:

1) Check gear mesh between spur gear and motor pinion.

2) Check if there are stripped and/or dirty gears.

3) Check if there are some parts getting damaged in the entire drivetrain.

F. You do not pull or push the trigger, but the vehicle goes forwards/backwards:

Please set the Throttle Trim to Throttle Center Point.

G. The vehicle is found one direction's steering travel is not same to the other

Please set the Steering Trim to Steering Center Point.

Driving it with care is what we strongly recommend.

We know you are anxious to drive the car as fast as possible , but we do not permit a contrived modification to the vehicle, which is handled without any technical help. If you are not familiar with R/C hobby vehicle, you must seek R/C hobby experts for reliable and advice.

Misuse will void the warranty and do damage to the property.

Take care and wish you great fun.

1/10TH SCALE 4WD ELECTRIC POWERED BUGGY/TRUGGY/TRUCK

- This product is not a toy but an authentic hobby grade product.
- It is only intended for operators over 14 years of age.
- Drive the vehicle in a spacious area. Never run the vehicle to chase the pets and people.
- Use Only manufactured parts to upgrade the vehicle. For instance, if you perform a drive train upgrade, replace the entire system (such as motor, ESC/Receiver and the like) so that all components are properly matched. Any damage or loss of property incurred by custom modification will void the warranty.
- This product is fully assembled at factory. We do not assume liabilities for those damages and/or accidents as result of contrived reassembly and/or incorrect operation.