

SubZero

1/10 Subzero Ready to Run Truck



R C 4 W D

W W W . R C 4 W D . C O M

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Subzero

Precautions



To Prevent Serious Personal injury and/or property damage, operate all remotely controlled models in a responsible manner as outlined below.



Choose the right location to operate your remote control model.

1. Do not run on public streets or highways.
2. Never operate your R/C near people or animals.
3. Do not operate in confined spaces.
4. Do not operate indoors.

Inspect your R/C before operation.

1. Make sure all screws and nuts are tightened properly. It is a good idea to use thread-locker on all metal to metal locations.
2. Make sure your transmitter batteries are fresh, or fully charged.
3. Always run a test of your transmitter and truck before setting on the ground.

After operation of your R/C model

1. Turn off receiver first, then turn off the transmitter.
2. Be careful handling your R/C batteries as they can be hot.
3. Keep your RC model clean and free of excess dirt and debris.
4. Perform regular maintenance to the drive line parts of your R/C model.

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shirts and beanies.

Warranty Information

RC4WD Limited Warranty

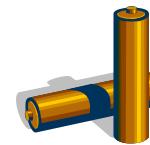
All RC4WD product is warranted to be free of defects in materials and workmanship when new. Our limited warranty does not cover damages due to normal wear and tear, user error of assembly or installation, user modifications, user's failure to perform routine maintenance, addition of aftermarket parts or option parts. This warranty lasts as long as the original purchaser owns the product. In the event of a defect under this warranty, RC4WD will, at our discretion, replace the product, provided our inspection indicates that an original defect exists. RC4WD reserves the right to replace any product which is no longer available with a product of comparable value and function. If RC4WD determines the repair is not covered under warranty guidelines, we will contact you to discuss your options.

If you have any questions, please contact us via email at rcrock@rc4wd.com

EQUIPMENT REQUIRED

Batteries

8 AA Batteries for the Transmitter.



1 7.2 Volt Battery with Tamiya style plug for the truck, or Lipo battery



EQUIPMENT RECOMMENDED

Hex wrenches
1.5mm,2.0mm,
2.5mm,3.0mm.



Lexan scissors



7mm nut driver

Side cutters



Modeling knife



Long needle nose pliers



Threadlocker
(medium/blue)



ESC INSTRUCTIONS

This is an instruction sheet for the new Outery ESC (Electronic Speed Control). This will cover basic questions about the ESC and how it works. If you have further questions about it's the ESC. Please contact our support line, or use our forum.

The Outery ESC is has a built in non-adjustable drag break. The ESC comes with a BEC (battery eliminator circuit). This allows you to get full power to the other electronics in your setup.

This ESC is a simple Plug and Play unit. Use the equipped plugs and install to your electronics. Make sure your radio is plugged in, plug the battery into the ESC, and turn on your ESC. This should program everything and then your ESC should be ready to use.

1. ESC Plugs and wires

In the photos below you can see the different wires coming from the Outery ESC. We have used the dual motor ESC for these photos. The only difference between the single version and dual version are the extra two motor wires on the dual version.

A. In this photo you can see the ESC On/Off switch and the receiver throttle input plug. You will notice the red wire to the receiver throttle input plug has been removed and heat shrink applied. This is to allow the BEC to apply full power to the receiver and other electronics in your setup. It is very important to leave the shrink wrap on the red wire. (Removing the shrink wrap can cause damage to the ESC and your other electronics)

The receiver plug will install into the throttle slot of your receiver. Please refer to your radio's owner manual for instructions on which slot to plug the throttle control plug into.



B. This photo shows the BEC and battery plugs. The ESC is equipped with a standard Tamiya plug. This should make it an easy plug and play for your battery connections. (changing the plug may void your warranty) The plug on your BEC is a standard receiver plug. This will plug into two different spots on your receiver. Either your Auxiliary, or Battery slots. Refer to the owner's manual that came with your radio for these slots.



C. The motor wires are shown in this photo. Again the dual motor ESC was used for this manual. The single motor ESC will only have the two motor wires. One black and one red. The dual motor has two black and two red.



We do not recommend removal of the fan from the ESC.

2. Receiver plug installation

We recommend you refer to your radios owner manual to help with this step.

Plug the receiver throttle control plug in the throttle control slot of your receiver. Plug the BEC plug into your Auxiliary, or Battery control slot on you receiver.

Make sure the red wire with the heat shrink is up and out of the way. This is not supposed to be plugged into the receiver.



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Warning Before Use

Warning before use

An RC Model is not a toy. If misused, it can cause serious bodily harm and damage to property and people. Operate only in open areas, following all instructions included here.

This is a sophisticated hobby product and not a toy. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this product in a safe and responsible manner could result in injury or damage to the product or people and other property. This product was not designed for use by children without close adult supervision. Please make sure to read over all safety warnings before operating this product.

Damage Limits

RC4WD shall not be liable for special indirect or consequential damages, loss of profits or production or commercial loss in any way connected with the product, whether such claim is based in contract, warranty, negligence, or strict liability. Further, in no event shall the liability of RC4WD exceed the individual price of the product on which liability is asserted. As RC4WD has no control over use, setup, final assembly, modification, or misuse, no liability shall be assumed nor accepted for any resulting damage or injury. By the act of use, setup or assembly, the user accepts all resulting liability.

If you as the purchaser or user of this product are not prepared to accept liability associated with this product, you are advised to return this product immediate in new unused condition to the place of purchase.

Warnings, Precautions and Safety

As a user of the product, you are solely responsible for operation it in a manner that does not endanger yourself and others or result in damage to the product or the property of others.

Carefully follow the directions and warnings for this and any optional support equipment (chargers, batteries, and battery packs, etc) that you use.

This model is controlled by a radio signal that is subject to interference from many sources outside your control. This interference can cause momentary loss of control so it is necessary to always keep a safe distance in all directions around your model, as this margin will help to avoid collisions or injury.

- Always operate your model in an open area away from cars, traffic, and people.
- Avoid operation your model in the street.
- Never operate your model in populated areas.
- Never operate your model with low transmitter or receiver batteries.
- Keep this and all electrical items out of reach of children
- Avoid water exposure to all electrical equipment. This product was not designed and protected from this purpose

Stock Replacement parts

X-0496	Front and Rear Axle set (plastic)
X-0427	Plastic axle parts
X-0093	Rear straight axle shafts (pair)
X-0273	Heavy duty front shafts (pair)
X-0429	Servo and 4 link mount (servo mount not needed)
X-0056	Heavy duty spool for axle
X-0364	Lower 4 link/shock mounts
Z-W0016	Humvee Internal beadlocks (4)
X-0265	Scale 90mm dual spring shocks (front)
X-0140	Scale 110mm dual spring shocks (front and rear)
Z-C0021	Chassis
X-0293	Disruptor Planetary transmission
X-0102	Disruptor Transfer case
X-0345	Front Punisher Shaft
X-0229	Rear Punisher Shaft
X-0344	Center Punisher Shaft
RokLox2.2	Rok Lox Offroad tires(2)
Z-R0007	XR2 Radio and receiver
Z-R0005	XR2receiver
Z-E0007	Outery ESC (w/bec)
Z-S0076	BEC for ESC
Z-E0012	Mayhem High Torque servo
X-0212	M3 Conical washers
X-0392	Velcro hold down straps (5)
X-0337	RC4WD Sticker sheet
Z-E0004	45 turn motor
Z-S0073	Plastic M3 Rod end
X-0274	Bevel Shaft

Optional Upgrades

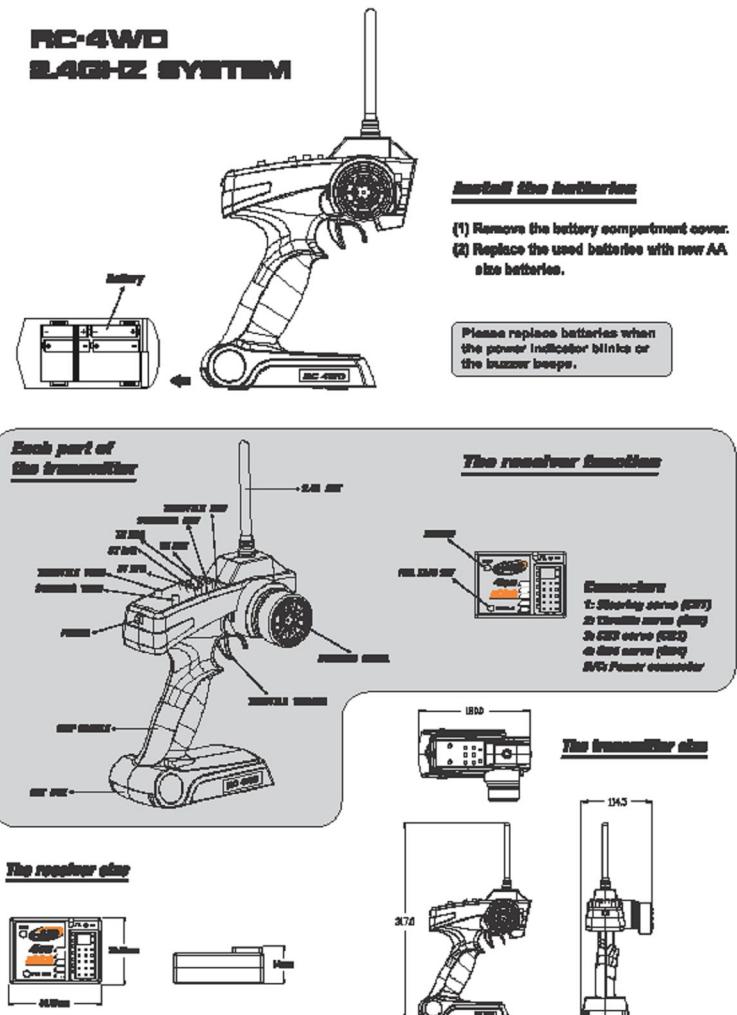
Z-S0220	ARB diff cover
X-0317	Monster lube
Z-E0005	35 turn motor
Z-E0003	55 turn motor
Z-E0002	65 turn motor
Tbuster19	TrailBuster 1.9 Offroad tires
Z-A0050	Aluminum Front axle housing
Z-A0051	Aluminum Rear axle housing

Visit our website for many wheel and tire options for your Subzero

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INSTRUCTION MANUAL

RC-4WD 2.4GHZ SYSTEM

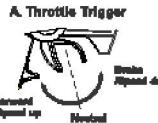


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XR2 RADIO INSTRUCTIONS

Transmitter Adjustment



1. Push the trigger forward to slow down or brake.
2. Pull the trigger backward to accelerate.



Turn the steering wheel to the left or right to let the vehicle turn left or right

⚠️ Keep the transmitter and receiver 40cm apart when operating.

Low Battery Alarm

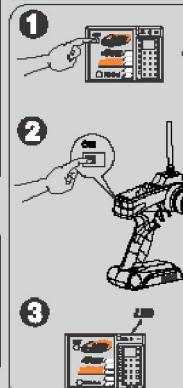
Do not operate the radio system when the battery power is low.

Fail Safe Function Setting

1. Set the TH, ST switches to the normal position.
2. Turn on the transmitter and receiver.
3. Press the FM SET button, the LED on the receiver should start flashing rapidly.
4. Put the throttle trigger at the home position, press the RD SET button, the LED should become solid.
5. For electric model, put the throttle trigger at the stop position when you are making the setting.

2.4GHz

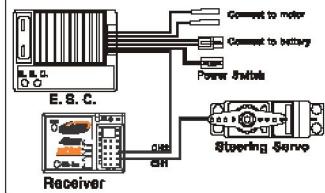
Binding the transmitter and receiver



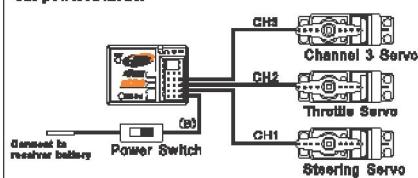
1. Turn on the receiver power. Press the FM switch. The receiver's LED should start flashing.
2. Turn on the transmitter.
3. When the LED on the receiver becomes solid, the binding process is completed.

Receiver and servo connection

Electrical powered model



Gas powered model



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Optional Parts



X-0095
Aluminum (F) axle complete



T-Rex60RR
Aluminum (R) axle complete



Z-S0012
Hardcore diff cover



Z-S0009
Rok Trac Diff cover



Z-S0013
TDK Diff cover



X-0487
Reinforced Axle C



Z-S0092
XVD axle



X-0429
Aluminum Knuckles



X-0055
Chrome Diff cover



Gauntlet2.2
Gauntlet 2.2 offroad tires

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