



RC4WD  
WWW.RC4WD.COM

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1/10 Competition Ready to Run Truck





### 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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You can also find a line of  
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](mailto:rcrock@rc4wd.com)

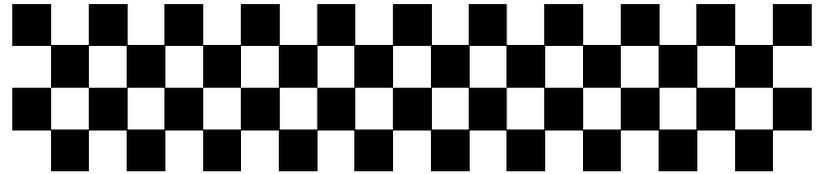
## EQUIPMENT REQUIRED

### Batteries

8 AA Batteries  
for the  
Transmitter.



1 7.2 Volt Battery with Tamiya style  
plug for the truck



## 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 Outcry 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 Outcry 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 Outcry 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

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**Stock Replacement parts**

Z-A0020	Front and Rear Axle set
Z-A0021	Front axle (complete)
X-0492	Front and Rear axle housings.
Z-0151	Rear Axle Shaft (pair)
X-0277	V4 XVD axle (front) (pair)
X-0163	Gear set
Z-S0106	Replacement pin for gear set
X-0326	Bearing kit
X-0259	Hardware screw kit for axles
BL01N	Beadlock 2.2 wheels (4)
X-0190	Sparks 110mm Shocks (2)
X-0404	Steering kit (complete)
Z-C0016	Bully Chassis (complete)
X-0380	Bully skid plate
X-0071	11 tooth pinion
X-Lock2.2	Competition X-Lock tires 2.2 (pair)
Z-R0007	XR2 Radio and receiver
Z-R0005	XR2 receiver
Z-E0008	Outcry Dual motor 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
X-0276	Bent M3 Rob end

**Optional Replacement parts**

Z-E0009	Dual MOA Dig unit
X-0235	10 tooth pinion
X-0248	12 tooth pinion
X-0149	13 tooth pinion
X-0150	14 tooth pinion
X-0376	15 tooth pinion
X-0103	Plastic body mounts
X-0317	Monster lube
Z-E0005	35 turn motor
Z-E0003	55 turn motor
Z-E0002	65 turn motor

Please read threw this, and refer to the manual that comes with the radio

Install your batteries into the transmitter

1. Remove the battery cover in the direction of the arrow on the cover.
2. Load your new AA size batteries. Pay close attention to the polarity markings and insert accordingly.



3. Slide the battery cover back onto the case.

Function Switches

1. Antenna
2. Steering Trim
3. Selection and Channel Buttons
4. + or - Selector
5. Working Indicator
6. Throttle Trigger
7. Steering Wheel
8. On/Off Switch
9. LCD Display
10. Throttle Trim



11. D/R Steering
12. D/R Throttle
13. Third channel switch



1. Binding button
2. Working Indicator
3. 3<sup>rd</sup> channel
4. 2<sup>nd</sup> channel Throttle
5. 1<sup>st</sup> channel Steering
6. Battery



(This receiver is now Blue. It also offers a failsafe)

1. To set the failsafe on the radio and receiver. You need to have the radio and receiver turned on and the radio throttle position where you want it in case of lose of signal. Typically in the neutral position on electric vehicles with reverse. Push the failsafe button one time, the light will begin to flash. Then push the button again. Now your failsafe should be set.
2. Test the failsafe. Hold the vehicle off the table in a way that will not touch you or anything else. Turn of the Radio's on/off button. If the vehicle's wheels do not move, you have set your failsafe. Turn the radio back on and your Failsafe is ready to use.

(cont.)

# BIG OFFROADER RADIO INSTRUCTIONS

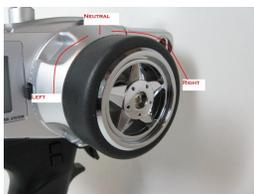
## Transmitter Adjustments

### A. Throttle Trigger



1. Push the trigger forwards to allow the vehicle to slow down or stop.
2. Pull the trigger backwards to allow the vehicle to go forward and speed up.

### B. Steering Wheel



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

Throttle Trim is used to slightly trim the throttle servo when the trigger is at neutral position.

Steering Trim is used to slightly trim the front steering wheels

Note: If the front wheels are not straight when the trigger is set at neutral position, you can adjust the steering trim to make them aligned.

## Connecting

As you operate the unit for the first time, the transmitter and receiver need to check for signal. Follow these steps.

1. Turn on the receiver power, press the SW switch. At the same time the receiver's red LED will begin to flash.
2. Turn on the Transmitter
3. The flashing red LED on the receiver becomes bright all the time. This means the signal between the transmitter and receiver is connected.

The unit is now ready to use.

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# Optional Parts



Z-A0038  
Lightweight front Bully axle



Z-A0038  
Lightweight rear Bully axle



Z-S0070  
Lightweight front tubes and knuckles



Z-S0071  
Lightweight rear tubes



Z-S0069  
Lightweight center gearbox



Z-S0072  
Lightweight 4 link mounts



Z-S0105  
V5 Heavy Duty XVD axles



Z-W0006  
Weighted Pendulum wheels



Z-W0004  
Bullseye weighted wheel



Z-W0030  
Biohazard-Survival wheel

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