



01 Introduction

Thank you for purchasing BX Series. We believe that this new motorcycle will bring you infinite happiness. Before use, please read the manual carefully and safe keeping. Accidents are caused by illegal use, the company doesn't undertake any responsibility. We will have strict testing and debugging before exiting the facility. We promise to customers. Products issue without any material and process problems. We will free for customers to repair within 90 days from the date of purchase. Customer service e-mail: service@cx3rider.com.

The warranty doesn't cover crash damage,modification,failure to maintenance, or the damaged caused by improper use.

The warranty doesn't cover any result which caused by the final user's assembly or the material used for final user's assembly.

Please download the other language versions manual and parts list from our website: <http://www.cx3rider.com>

We have the rights to change the design,appearance,functions and operational requirements without any notifications.

02 Safety Precautions

1.The specification of the logo

Caution: this symbol indicates where caution is essential to avoid injury to yourself or others.

Note: this symbol indicates where give you a tip in use.

2. The use of power

·The product use lithium Polymer battery 7.4V/3200mAh.

·Never disassemble the polarity required for installation. This may lead to damage and leakage. While charging,the Lithium Polymer battery and charger become hot. Do not charge on top of inflammable materials as this may cause fire.

·Do not operate the DC Peak Charger in direct sunlight or in high temperatures. Continually monitor the charger while charging is in progress.

·Short circuit may cause fire or accident so never disassemble or modify the Lithium Polymer battery.

·Lithium Polymer batteries contain toxic metals. An exploding battery is extremely dangerous so never put in fire.

3. The safety of Children

·This model is not a toy. It is designed for users over 15 years of age.

·As the product includes small and sharp parts, assemble and store this product only in places out of the reach of children.

4. The safety of User

·It's highly recommended that first-time enthusiasts seek the advice of an experienced modeler before operating this vehicle.

·Cutters,wire cutter and screwdrivers need careful handling.

·Do not touch moving gears. They can cause injury.

·During and after operation,the motor and batteries will be hot.

Do not touch them until they have had time to cool down.

5.The range of use

·Do not operate the model on public roads, in crowded places or near infants. It may cause accidents or injury.

·This product emits electrical waves so do not operate: Inside an aircraft. Near automatic devices such as automatic doors and fire alarms. Inside hospitals or medical equipment. Operating may cause accidents.

6. The maintenance of product

·Do not store this model in a high-temperature/humidity area or in direct sunlight.

·Do not use water,alcohol, or thinner to clean your car 's body.

·Simply wipe it down with a clean,soft cloth.

03 Specifications

Item No.	BX4003	BX4004
Type	1:4 Off-road	1:4 ON-road
Size	525x175x315(mm)	515x175x315(mm)
Wheelbase	370(mm)	370(mm)
Full Weight	3100(g)	3100(g)
Motor	Brushless 4300KV	Brushless 4300KV
ESC	Brushless 50A	Brushless 50A
Battery	7.4V 3200mAh Li-Po	7.4V 3200mAh Li-Po
Radio System	2.4GHz	2.4GHz

04 Features

- Easy handing
- Steel bike chain
- Wheelie function
- 360 degrees turn
- Aluminum frame
- Anti-sideslip bars
- Self perfect balancing
- Easy accessible battery box
- Electric gryo balance system
- Clear body shell, DIY by Customer

05 Ready to Run Prepartion

This is RTR(Ready to run)version. It is ready to run after user installs the battery, connects ESC and switches on the transmitter and ESC. Please follow bellow steps to operate and check the motorcycle for the first use. For future use, user could adjust some settings according to real needs.

Step1. Check all the parts in the box.

When you open the box,you will find follow parts.

- 1.RC motorcycle w/Rider x1set
- 2.Transmitter x1pc
- 3.Crash bars x2pcs w/set screw x8pcs
- 4.Body shell x1set w/R-clip x2pcs
- 5.Accessories package x1pc

Included :

Manual x3pcs

Sticker x1pc

Equipment required:

Battery Charging and 4AA Batteries for Transmitter.

Tool required:

	Hobby knife
	Precision ruler
	Needle nose pliers
	Lexan scissors
	Flat and Philips screwdriver
	Wire cutters
	Cross wrench
	CA gule & ruber cement
	Thread locking compound
	Hex wrench

Step2. Install the crash bars.

In order to avoid damage in the transportation process, we pack the crash bars. When open the package,find the parts,install and fix well.

1.Insert ends of the crash bars to the screw hole on the side of the battery box;

2.Tighten the screws and fix with thread lock.

Note: BX4004 please ignores this step.

Step3. DIY the body.

In order to give more option to customer,we provide the body stickers and the clear body.The customer could spray the body color with their like and stick the stickers.

Step.4 Check the wires are all connected well.

All the wires are connected well in the factory and we suggest you re-check whether they get loose while delivery before use.

1.The wire between ESC and receiver.

2.The wire between servo and receiver.

3.The wire between ESC and motor.

Step. 5 Install battery to the motorcycle and connect the battery to the ESC.

How to install the battery

1.Open the cover of battery box.

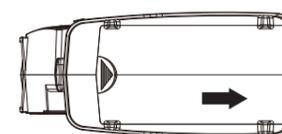
2.Install the battery into the battery box.

3.Connect the battery with the ESC.

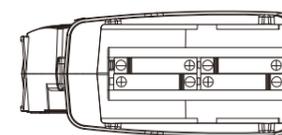
4.Close the cover of battery box.

Caution: When connect the battery with the ESC, please keep the ESC in off state. Do not revers the positive and negative charges.

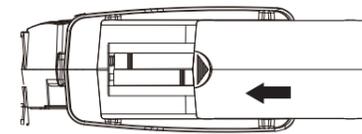
Step. 6 Install batteries to the transmitter and check whether works properly or not.



To open slide cover



Install Batteries

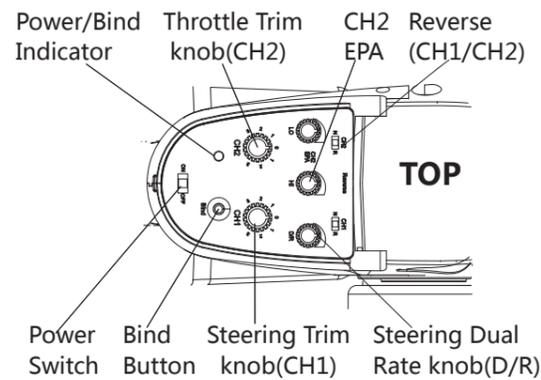
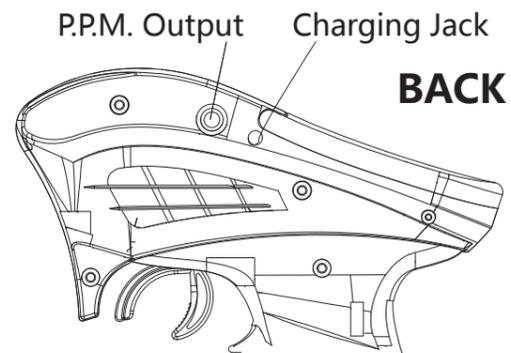
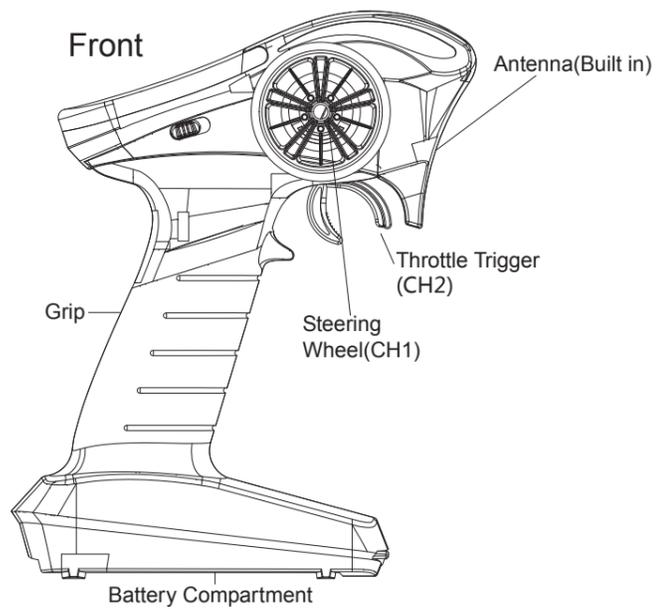


To close slide cover

Step.7 Set the radio system

How to set the radio system?

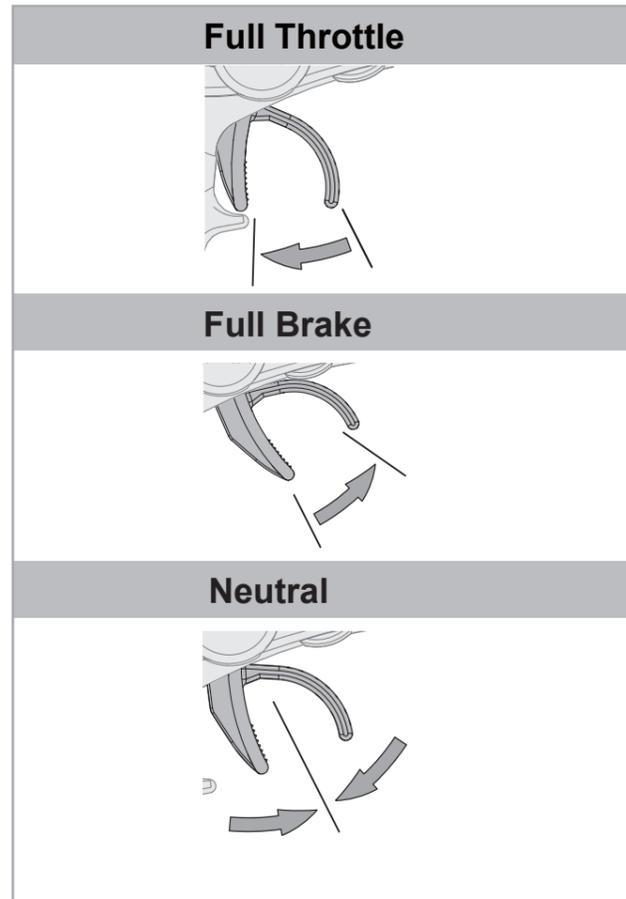
Note: Calibration is necessary for the first use of the ESC, or whenever used with a new/different the remote control.Different the remotoe control's signals for full throttle, full brake and neutral varies. You must calibrate your ESC so that it will operate more effectively with you transmitter. **Please make sure the ESC is off before setting.**



5. Move the throttle trigger to full brake, the motor will ring like Beep-Beep-Beep (It means the ESC is looking for full brake endpoint), 3 seconds later, the motor will play one multi-toned ring which indicates the calibration of full brake is finished.

6. Relax trigger to neutral (center), the motor will ring like Beep-Beep-Beep (It means the ESC is looking for neutral position), 3 seconds later, the motor will play one multi-toned ring which indicates the calibration of neutral position is finished.

7. 2 seconds later, the motor will play one multi-toned ring. That means the ESC calibration is finished and it is ready to work with transmitter now.

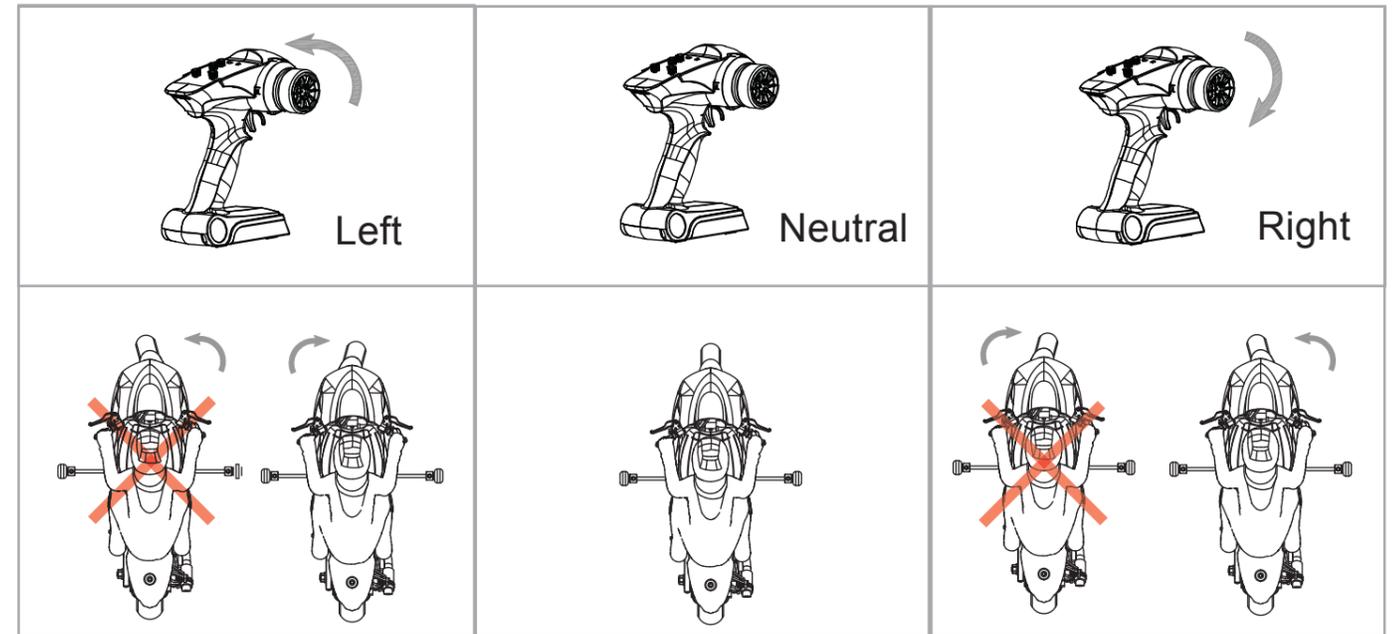


06 Steering Setup

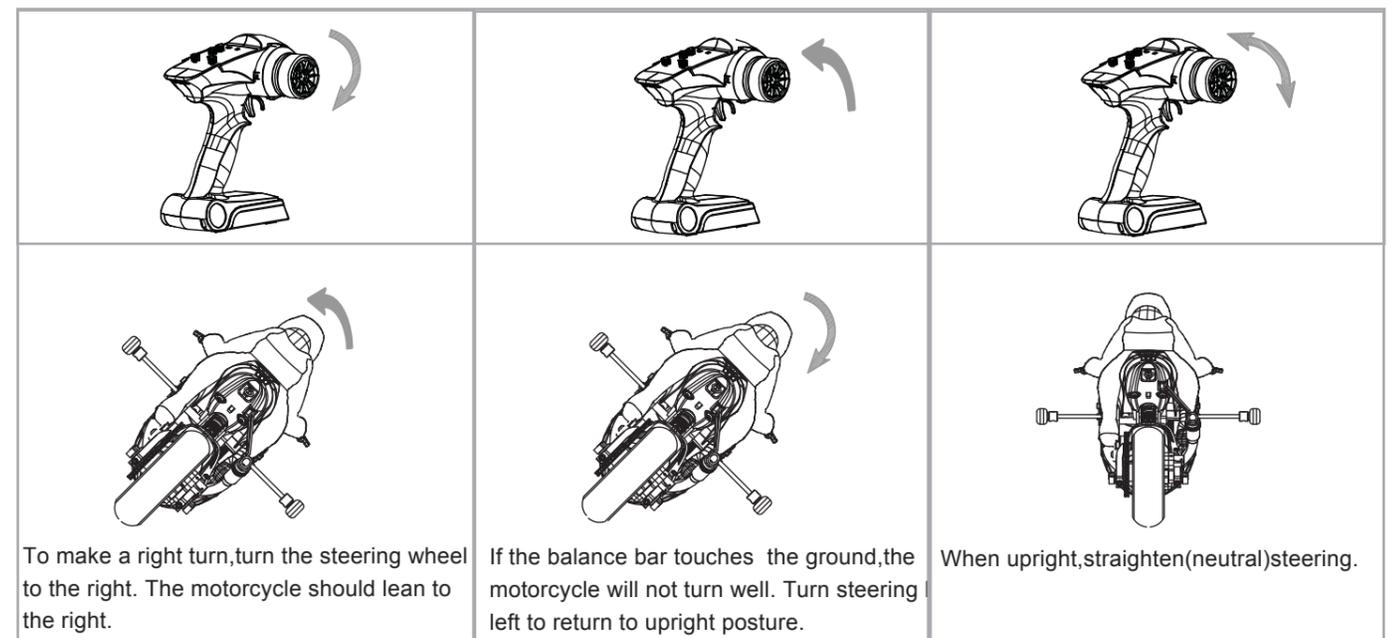
Basic Controls:

Caution: RC Motorcycle comes with a counter-steering system. It means the direction between the transmitter steering wheel and the motorcycle front wheel are opposite.

1. Switch on the transmitter.
2. Hold full throttle on the transmitter and turn on the ESC switch. Keep holding the full throttle and the motor will ring the initialization tones (All the sounds are played by ESC vibrating the motor).
3. The ESC will detect the battery cells, if the battery pack is 2 cells, it will beep 2 times (Beep-Beep-); if it is 3 cells, it will beep 3 times (Beep-Beep- Beep-)...
4. 3 seconds later, the motor will play one multi-toned ring which indicates the calibration of full throttle is finished.



To return the motorcycle from a leaning posture to an upright posture, turn the steering in the opposite direction to the lean.



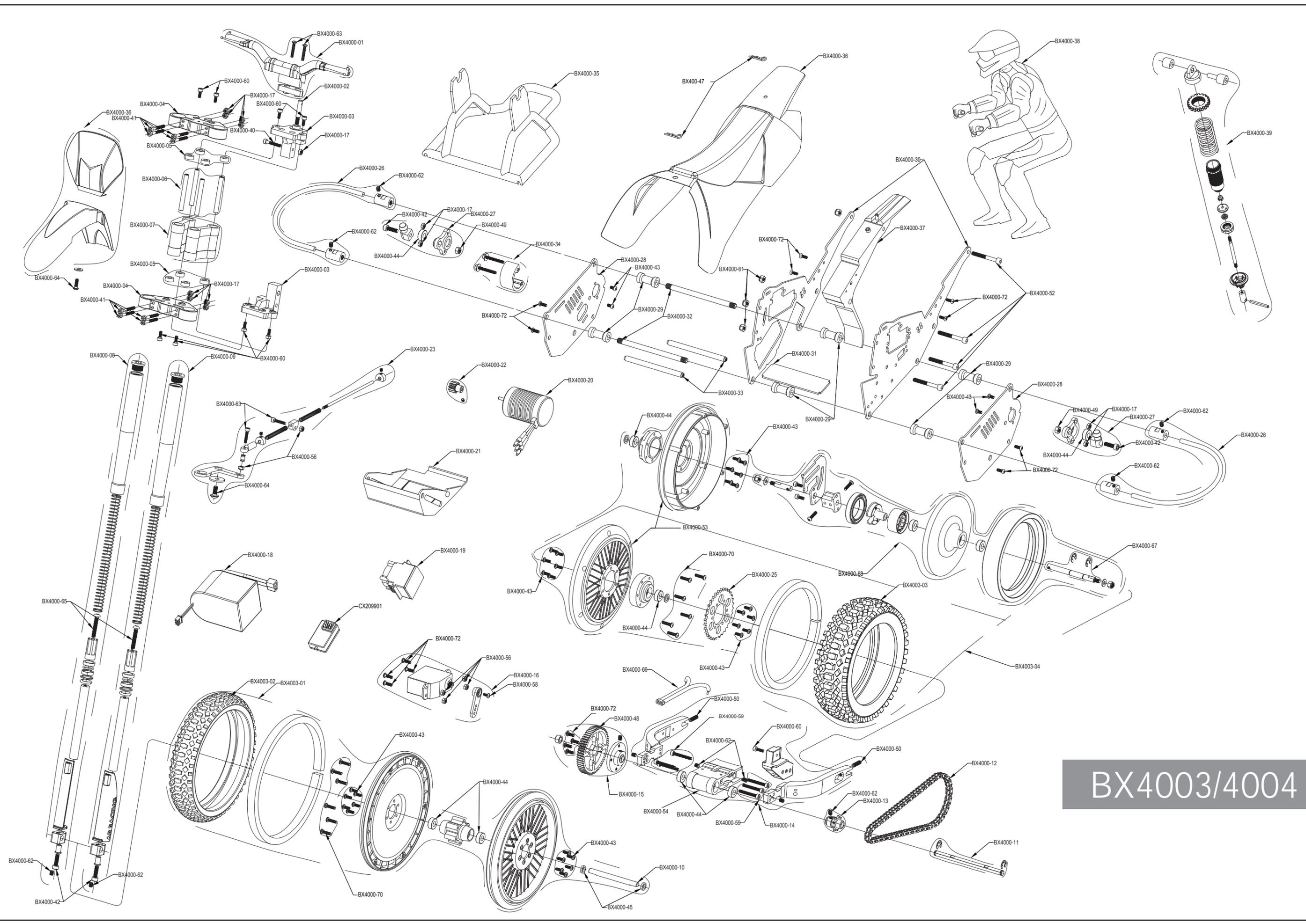
To make a right turn, turn the steering wheel to the right. The motorcycle should lean to the right.

If the balance bar touches the ground, the motorcycle will not turn well. Turn steering left to return to upright posture.

When upright, straighten (neutral) steering.

07 Trouble Shooting

Trouble	The motorcycle does not move	The motorcycle is out of control	Short run time	Poor performance of the motorcycle
Possible Reasons	Battery in motorcycle or transmission is no power. Motor may be broken. ESC does not work. The setting of transmitter or ESC may be wrong.	Transmitter or antenna may be broken. The motorcycle may be out of range from transmitter. Power of the transmitter is weak or dead.	Battery may be damaged. Charger may be damaged. Battery is not with full power.	Suspension may not run freely. The steering may be damaged. Chain may be too loose or too tight. The screw of frame may be loose.



BX4003/4004

Parts List

BX4003&BX4004 comment parts

BX4000-01	Plastic handle	1set
BX4000-02	Body Shell Post	1pcs
BX4000-03	Steering Support	2pcs
BX4000-04	Plastic Triples	2pcs
BX4000-05	Bearing $\phi 5^* \phi 10^*4$	8pcs
BX4000-06	Dowel Pin	4pcs
BX4000-07	Steering Connection Board	2pcs
BX4000-08	R. Shock Absorber Assembly	1set
BX4000-09	L. Shock Absorber Assembly	1set
BX4000-10	Fr. Axle W/ Pin	1pcs
BX4000-11	56T Gear Pin w/ E-clip	1pcs
BX4000-12	Chain	1pcs
BX4000-13	9T Sprocket	1pcs
BX4000-14	Swing Arm Set	1set
BX4000-15	56T Gear Set	1set
BX4000-16	Servo Unit	1set
BX4000-17	M3 Nuts	12pcs
BX4000-18	Lipo Battery	1pcs
BX4000-19	ESC 50A	1pcs
BX4000-20	Brushless motor 4300KV	1pcs
BX4000-21	Battery Cover	1pcs
BX4000-22	11T Motor Gear	1pcs
BX4000-23	Steering Servo Assembly	1set
BX4000-24	Flywheel	1set
BX4000-25	32T Sprocket	1pcs
BX4000-27	Footrests	2pcs
BX4000-28	Battery Holder L/R	2pcs
BX4000-29	Side Plate Post	6pcs
BX4000-30	Frame Side Plate L/R	2pcs
BX4000-31	Fixed Plate for Battery	1pcs
BX4000-32	Upper Stationary Shaft	2pcs
BX4000-33	Lower Stationary Shaft	2pcs
BX4000-34	Motor Mount	1pcs
BX4000-35	Support Bracket	1pcs
BX4000-36	Body	3pcs
BX4000-37	Rear Protection	1pcs
BX4000-38	Doll driver	1pcs
BX4000-39	Shock Absorber Unit	1set
BX4000-40	HM3*20 Hex Screw	1pcs
BX4000-41	HM3*28 Hex Screw	12pcs
BX4000-42	HM4*16 Hex Screw	12pcs
BX4000-43	HM3*6 Hex Screw	12pcs
BX4000-44	Bearing $\phi 6x\phi 13x5$	6pcs
BX4000-45	Washer $\phi 6.2X\phi 9X2.0$	12pcs
BX4000-46	Bearing $\phi 6x\phi 10x2.5$	6pcs
BX4000-47	R-Clip	2pcs
BX4000-48	56T Plastic Gear	1pcs
BX4000-49	M4 Nuts	12pcs
BX4000-50	Set Screw (M4*16)	12pcs
BX4000-51	Washer $\phi 6.2X\phi 10X0.5$	12pcs

BX4000-52	HM4*35 Hex Screw	12pcs
BX4000-53	Rear Wheel Box	1pcs
BX4000-54	The Plastic Parts for Swing Arm	1pcs
BX4000-55	E-Clip(5*0.6)	12pcs
BX4000-56	M3 locknut	12pcs
BX4000-57	Set Screw(M3*3)	12pcs
BX4000-58	B-Head Cross Screw(BT2.6*6)	12pcs
BX4000-59	HM3*25mm Cap Head Hex Screw	6pcs
BX4000-60	HM3*10mm Cap Head Hex Screw	6pcs
BX4000-61	M4 Locknut	6pcs
BX4000-62	Set Screw(M4*4)	6pcs
BX4000-63	HM3*14mm B-Head Hex Screw	12pcs
BX4000-64	HM4*12mm B-head Hex Screw	12pcs
BX4000-65	HM4*25mm B-head Hex Screw	12pcs
BX4000-66	Electric Gyro Connector	1set
BX4000-67	Rr.Axel W/E-clip	2pcs
BX4000-68	Electric Gyro	1pcs
BX4000-69	ESC for electric gyro	1pcs
BX4000-70	HM3*12mm B-Head Hex Screw	12pcs
BX4000-71	Front Fork Fender	2pcs

BX4003 1/4 off-road motorcycle

BX4003-01	Off-Road Fr. Wheel Unit	1set
BX4003-02	Off-Road Fr. Tyre	1pcs
BX4003-03	Off-Road Rr. Tyre	1pcs
BX4003-04	Off-Road Rr. Wheel Unit	1set
BX4000-26	Crash Bars	2pcs

BX4004 1/4 on-road motorcycle

BX4004-01	On-Road Fr. Wheel Unit	1set
BX4004-02	On-road Fr.Tyre	1pcs
BX4004-03	On-Road Rr.Tyre	1pcs
BX4004-04	On-Road Rr. Wheel Unit	1set
BX4004-05	Crash Bars	2pcs
BX4004-07	Alex for Crash Bar	1pcs



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 04172015-01Version