

INSTRUCTION

MANUAL 使用说明书

KM-001

1/5th SCALE RACING CAR



KING MOTOR RACING

Thank you

Thank you for selecting the KM Racing 001! This kit is designed to be fun to drive and uses top quality parts for durability and performance. The instruction manual you are reading was designed to be easy to follow yet thorough in its explanations. KM Racing wants you to enjoy driving your new KM Racing product. If you come across any problems or need some help getting through a step, give us a call and we will do our best to help you.

- This is a high performance R/C kit, and it requires regular maintenance for best performance. If you don't do regular maintenance the performance will suffer. KM Racing has all the necessary parts and accessories available to keep your car performing at its best.

The caution or attention symbols will warn you about steps that can be very dangerous. Please read and understand the instructions carefully before proceeding.



Cautions

Failure to follow these instructions can damage your kit, and cause serious bodily injury or death.



Attention

Failure to follow these instructions can cause injury to yourself or others. You might also cause property damage or damage your kit.



Cautions

If you make changes or adjustments not shown in the instruction manual, your vehicle may be damaged. To prevent any serious personal injury and/or damage to property, please be responsible when operating all remote controlled models. Extra attention is called for when operating any glow fuel powered model. These models can exceed speeds of 40 m.p.h. and use highly poisonous and flammable fuels.

- Before Running**
 - Please read manual (with parent, guardian or a responsible adult if necessary).
- While Operating**
 - Please do not run on a public street, this could cause serious accidents, personal injuries and/or property damage.
 - Please do not run near pedestrians or small children.
 - Please do not run in small or confined areas.
- Before Operating**
 - Make sure that all screws and nuts are properly tightened.
 - Always use fresh batteries for your transmitter and receiver to avoid losing control of the model.
 - Make sure no one else is using the same radio frequency as you are using.
 - Please confirm the neutral throttle position.
- After Running**
 - Shut off engine first, then turn off receiver switch and turn off transmitter last.
 - After running Baja 5B, it is necessary to perform routine maintenance.
 - Failure to do this can result in increased wear and damage to the engine and chassis.

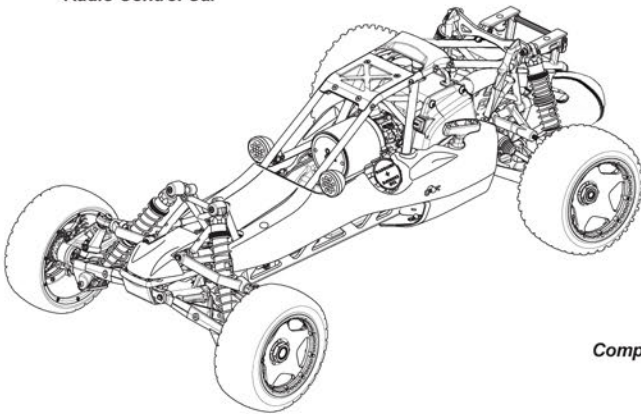
Safety Guidelines When Operating Gasoline Engines



- This product uses a mixture of gasoline and two cycle oil for fuel. Please use extreme caution when handling gasoline.
- Do not run near open flames or smoke while running your model or while handling fuel.
- Always store fuel in a well ventilated place, away from heating devices, open flames, direct sunlight, or batteries.
- Gasoline is flammable and poisonous. Gasoline powered model engines emit poisonous vapors. These vapors irritate eyes and can be highly dangerous to your health.
- You must only use a mixture of gasoline and two cycle oil as fuel for this engine. Never use glow fuels intended for R/C cars.
- Be aware that some parts will be hot after operation. Do not touch the exhaust or the engine until they have cooled.
- After running, please empty the fuel tank before storing the car.
- Keep fuel away from children.
- Store in a well ventilated area.

Components

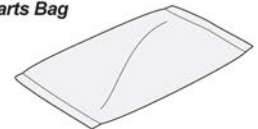
Radio Control Car



2.4G Transmitter Sender



Parts Bag



Instruction Bag



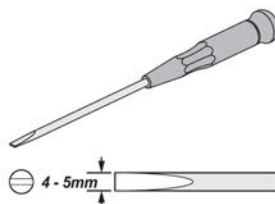
B121 Antenna pipe

Compatible Charger



Equipment Needed

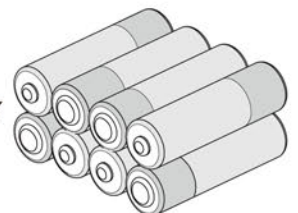
Screwdriver



Batteries for transmitter

SC2000mAh Nickel Hybrid Battery

8x

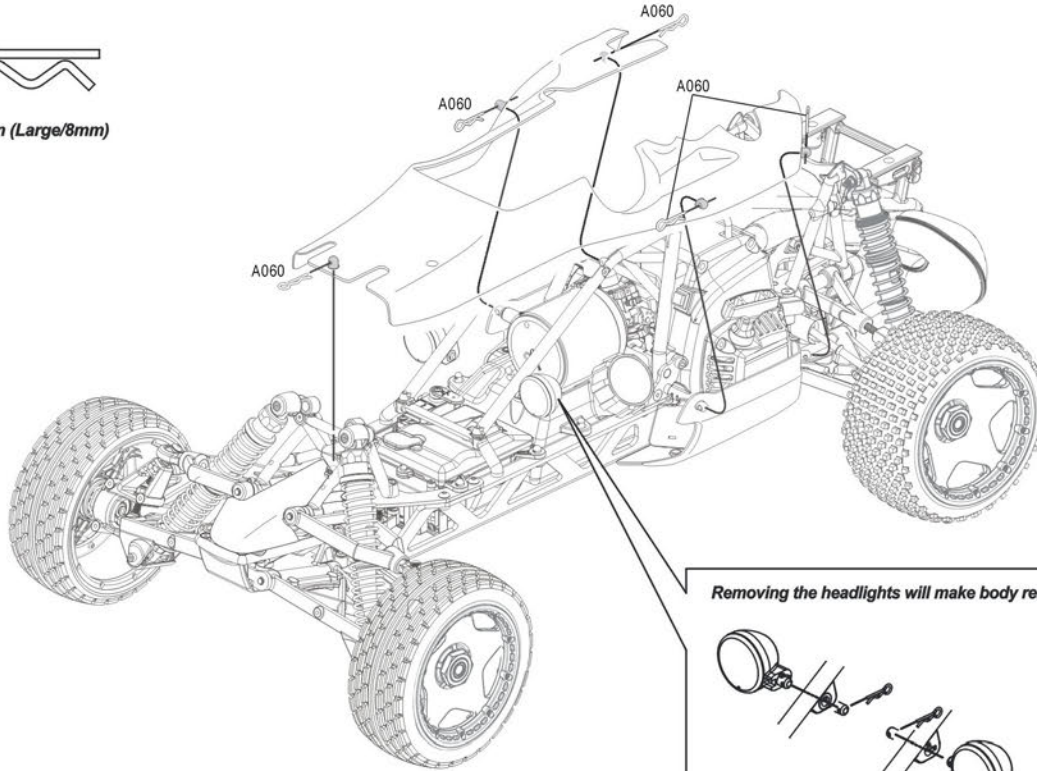


2-1 Setup Before Starting

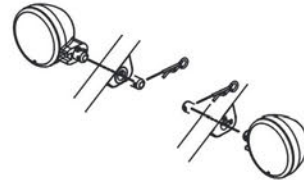
1 Removing the Body



A060
Body Pin (Large/8mm)



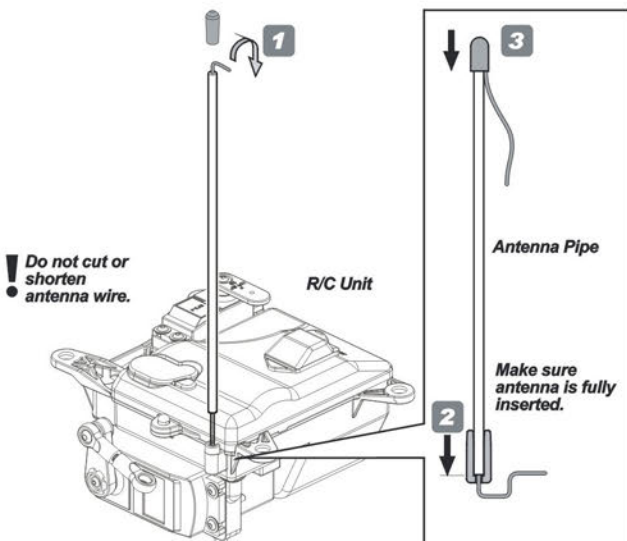
Removing the headlights will make body removal easier.



A059
BODY PIN (6mm)

2 Receiver Antenna Installation

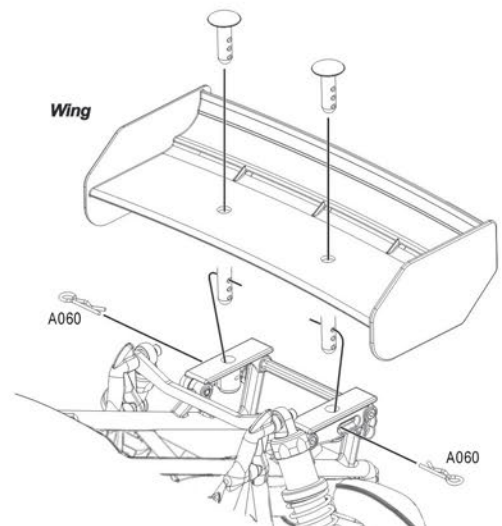
Remove battery cover, then uncoil antenna wire, and push antenna wire through hole in R/C unit and through the antenna pipe. Secure the battery cover and install antenna pipe.



3 Wing Installation



A060
Body Pin (Large/8mm)



4 Charging Receiver Battery

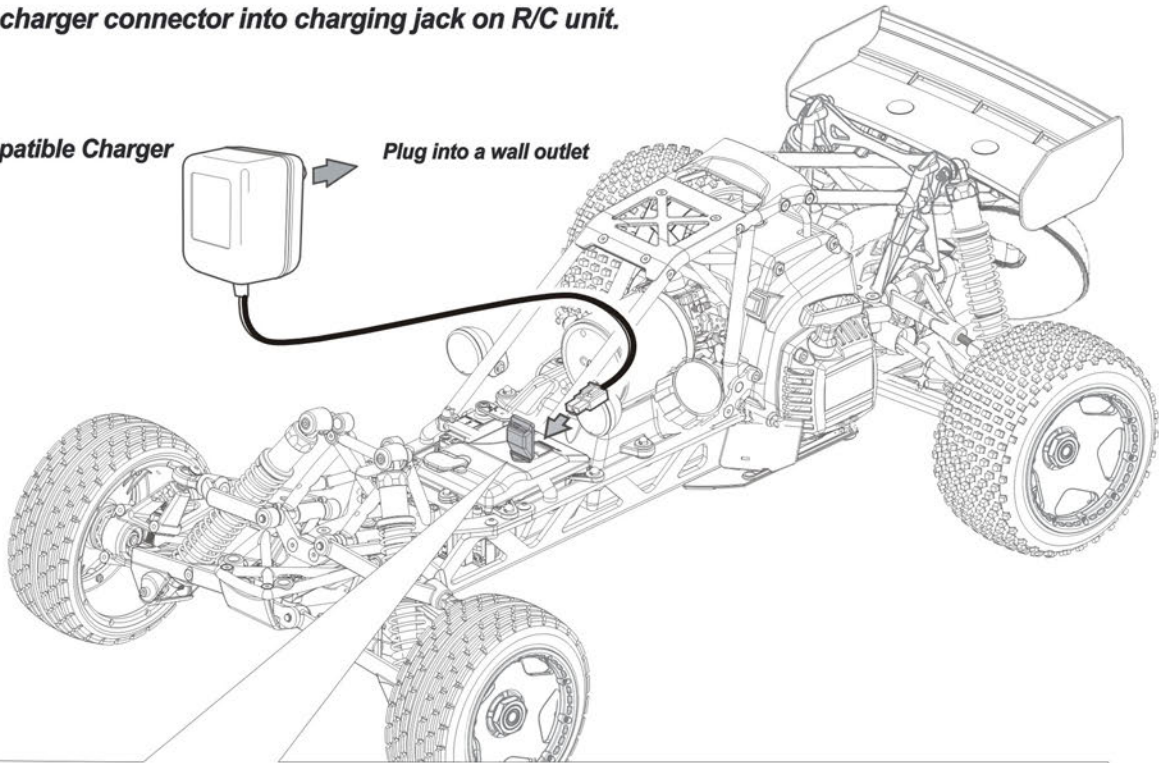


! Charge time 8 hours.

Insert charger connector into charging jack on R/C unit.

Compatible Charger

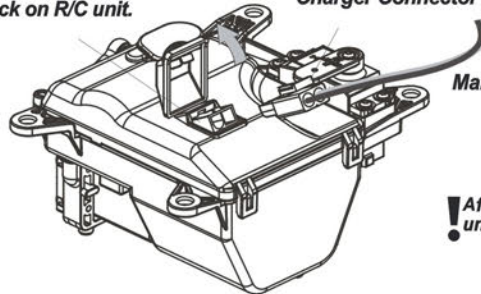
Plug into a wall outlet



R/C Unit

Charging Jack on R/C unit.

Charger Connector



Make sure charger jack fully inserted.

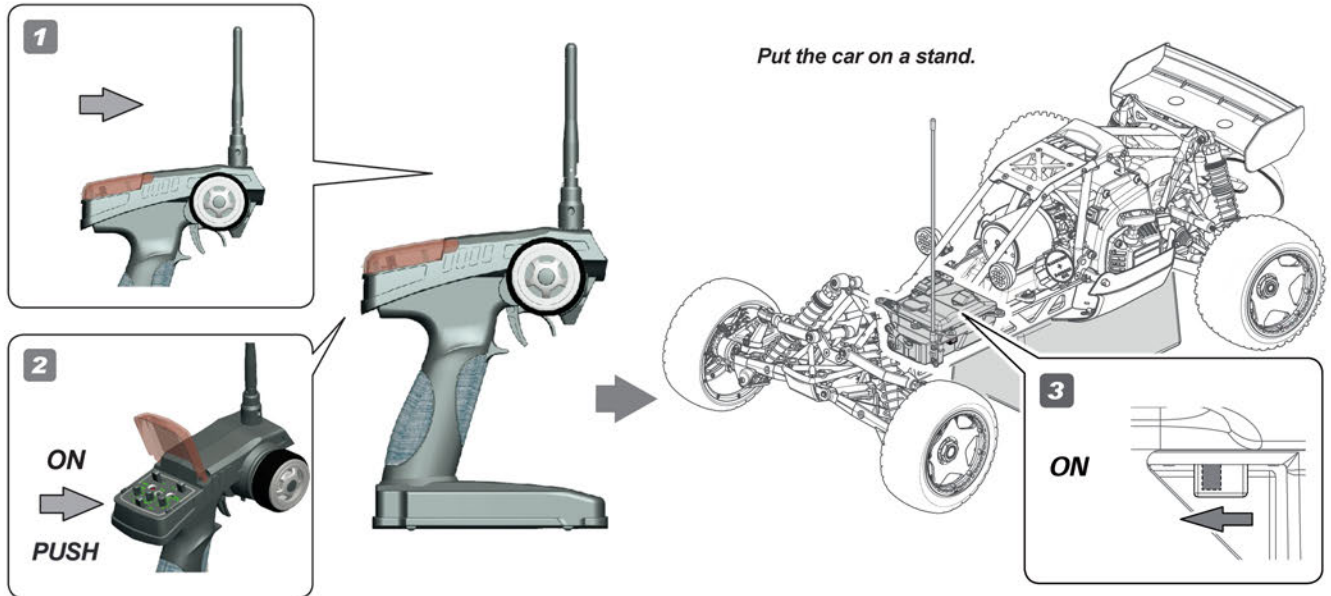
! After charging disconnect the battery and unplug the charger from wall.

⚠ Caution

- !** ○ Use included charger only for included receiver pack.
- ○ Do not use any other battery.
- Charge time for discharged battery: 6 hours.
- Do not charge battery for longer than 6 hours. This will cause over heating and battery damage.
- Do not charge other batteries with this charger. Serious damage or injury can occur.
- Keep battery out of reach of children. Keep battery away from water.
- A fully charged receiver battery can last up to 45 minutes

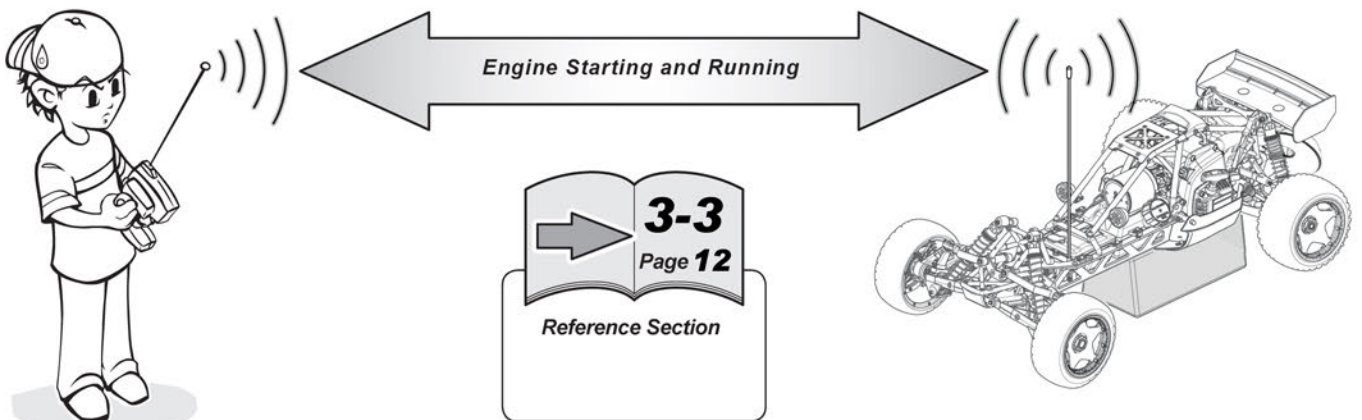
5 Activating R/C Unit

Turn on transmitter first, then turn on receiver.



6 Checking Radio Range

Make sure no one else is using the same radio frequency as you are using. Check the radio system and range before every driving session. To properly check the range, have a friend hold the truck and walk to the farthest distance that you plan to operate your model. Operate the controls to make sure the model responds correctly. Do not operate the model if there is any problem with the radio system. If you switch on the R/C car first before the transmitter, you may lose control of the R/C car.



2-2 Engine Start and Running

Engine Starting

These are the engine starting steps. Make sure you read and understand them completely before attempting to start the engine.

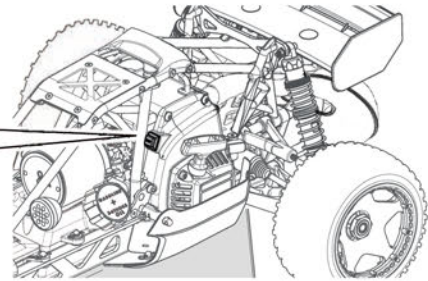


Cautions

If there is a problem with the engine, press engine off switch to shut down the engine.

Engine OFF Switch

OFF



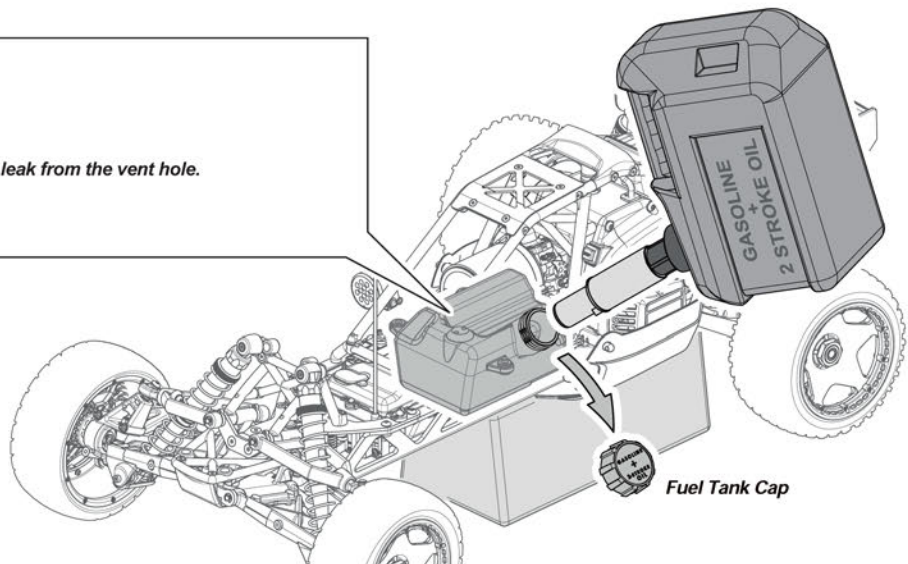
1 Fill Fuel Tank

Fill the fuel tank. The Fuel is a mixture of Gasoline and Two cycle oil. Use a ratio of 25:1 gasoline to oil.



Cautions

Be careful not to tilt the car, gasoline may leak from the vent hole.



2 Turn On Radio System

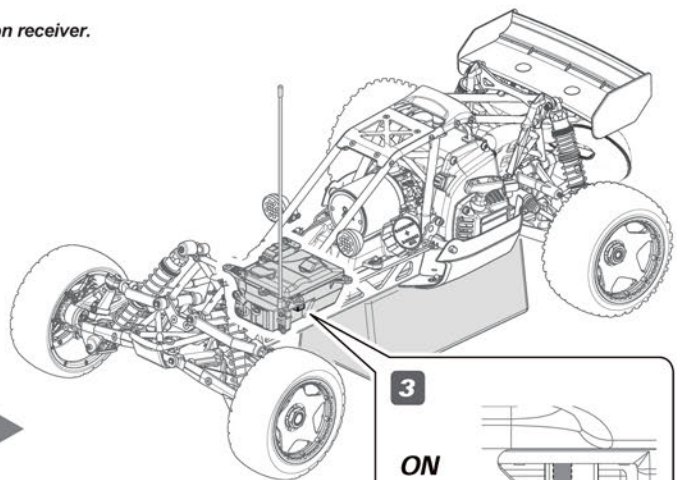
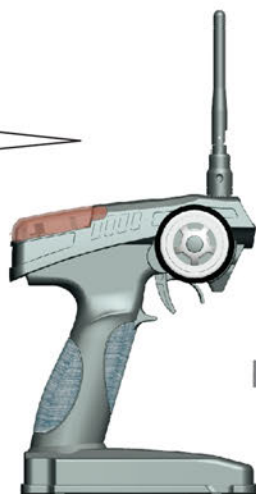
Turn on transmitter first, then turn on receiver.

1



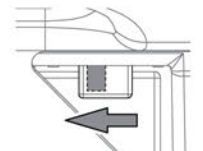
2

ON
PUSH



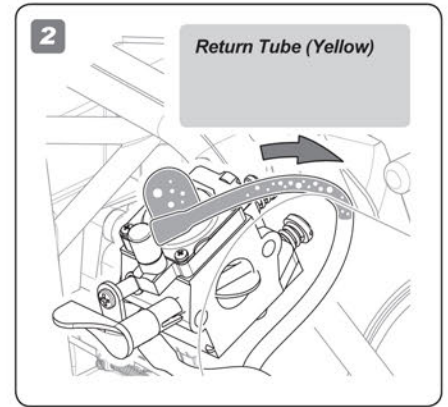
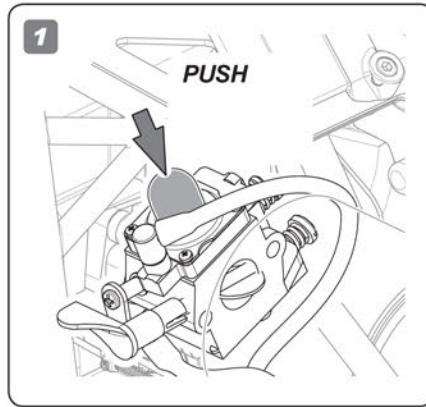
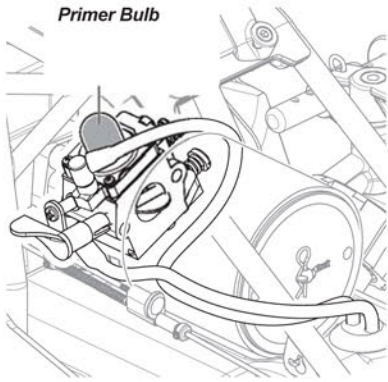
3

ON



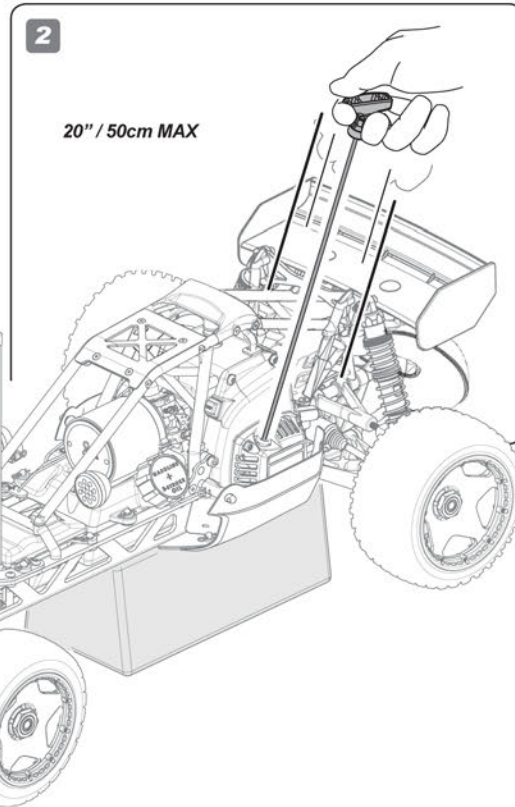
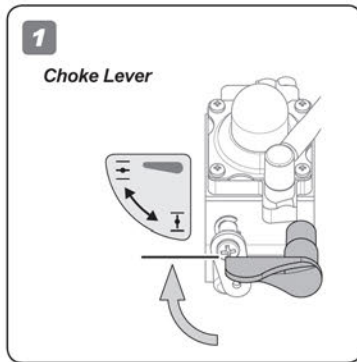
3 Priming Engine

To prime the engine, fill the tank with fuel and push the primer bulb until fuel shows in the return tube (Yellow).



4 Engine Start

Make sure choke lever is in the horizontal position before starting. Start the engine by pulling the starter cord in short pulls.

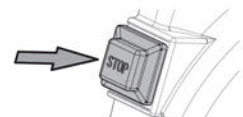


Cautions

If there is a problem with the engine, press engine off switch to shut down the engine.

Engine OFF Switch

OFF

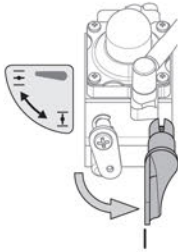




If Engine Does Not Start (After 10 Pulls Starter)

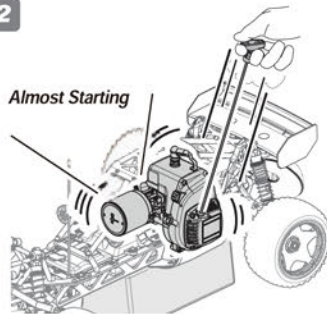
Cold Engine

1



Set choke lever as shown.

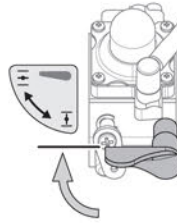
2



Almost Starting

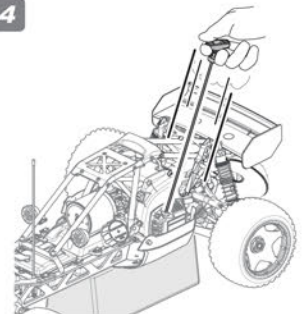
Pull start cord (about 5 times) until you hear the engine almost start, and then stop. Be careful not to flood the engine.

3



Return choke lever.

4

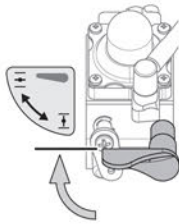


Pull the starter cord to start the engine. The engine should start within 5 pulls.

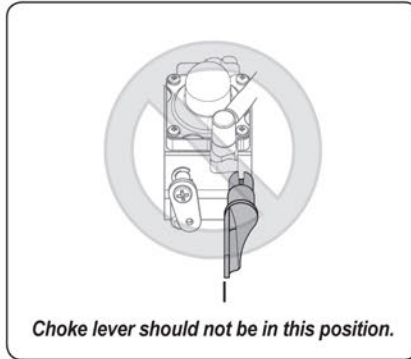
Only use the choke if the engine does not start normally. Using the choke can easily flood the engine.

Hot Engine

1

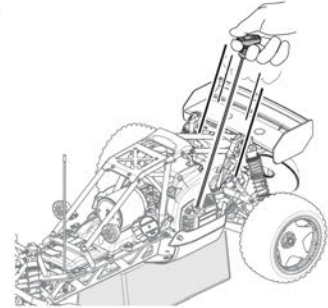


Set choke lever as shown.



Choke lever should not be in this position.

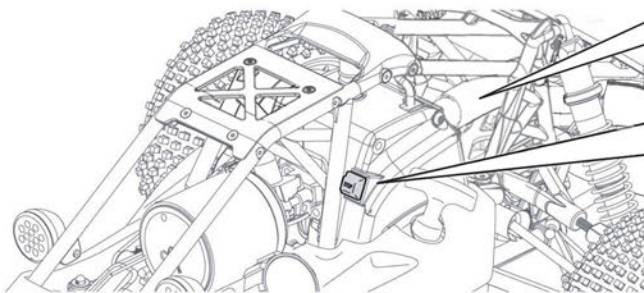
2



Pull the starter cord to start the engine. The engine should start within 5 pulls.

5 Engine Stop

You can shut down the engine by pushing the engine off switch.



Caution

Be careful after running, the engine and muffler will be very hot.

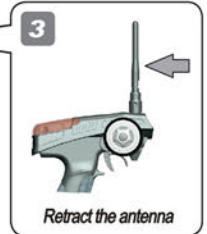
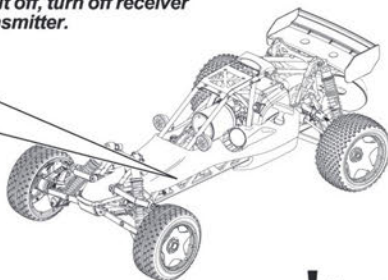
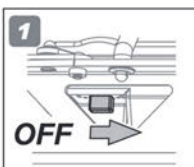
Engine OFF Switch

PUSH



6 Turning R/C Unit Off

After the engine is shut off, turn off receiver first, then turn off transmitter.



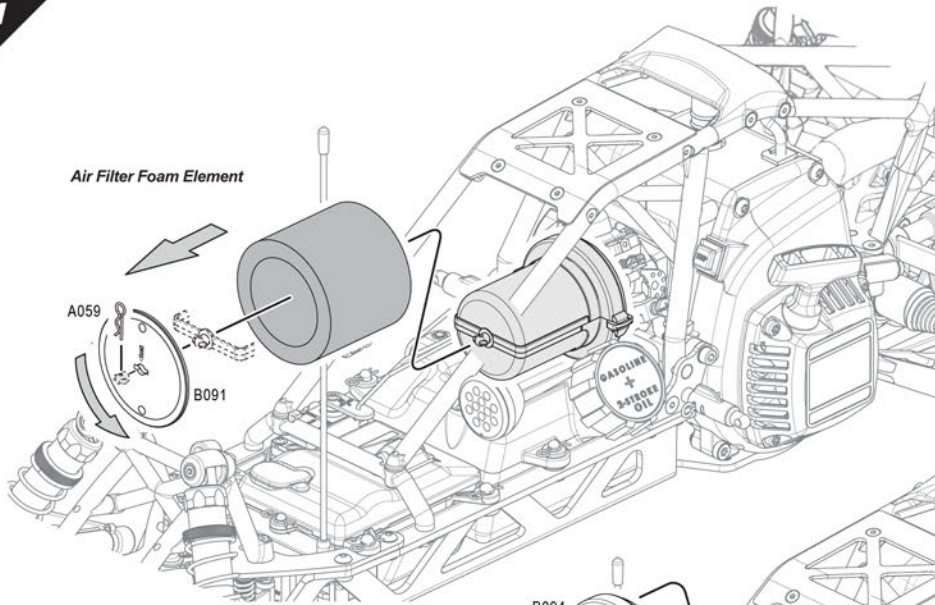
If you switch off the transmitter first before the R/C car, you may lose control of the R/C car.

3-1 Air Filter Maintenance

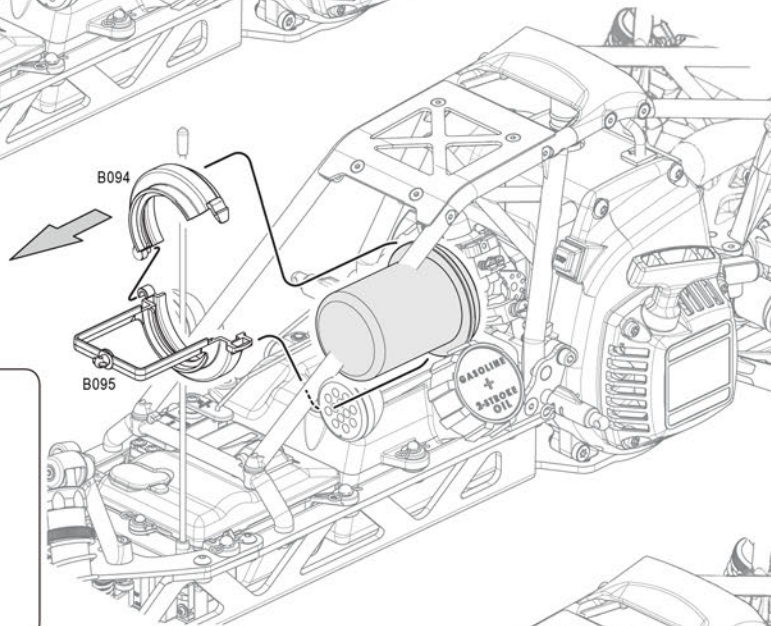
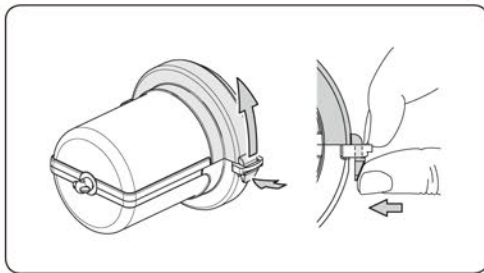
Dirt is the biggest enemy of a nitro engine. Proper air filter maintenance is one of most important factors that will affect your engines longevity. We recommend cleaning the element after every run. It is always a good habit to check the element after every run to make sure it is properly seated in the filter body and that the body is fully seated on the carburetor. Never run the engine without the air filter.

Remove Air Filter Element

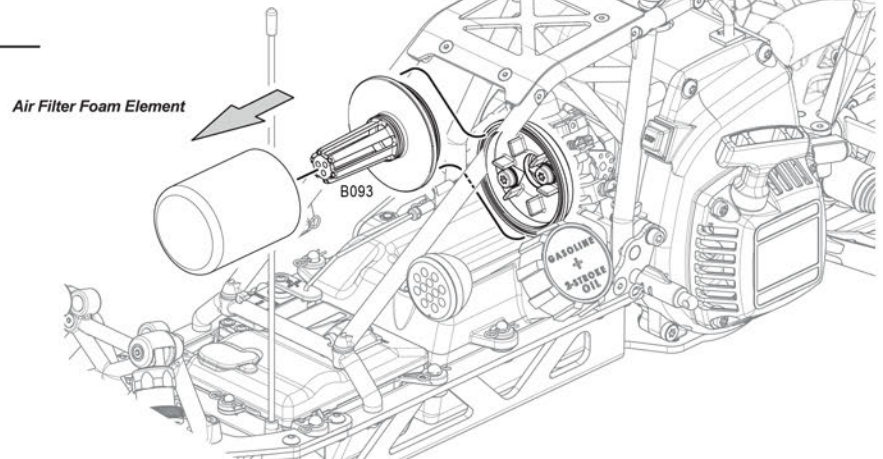
1



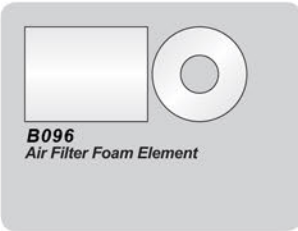
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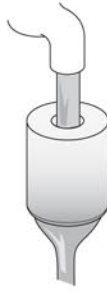
3



Cleaning the Filter Element



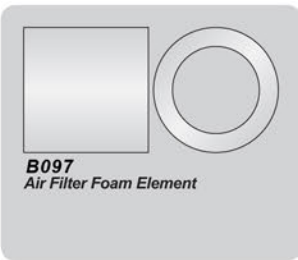
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2



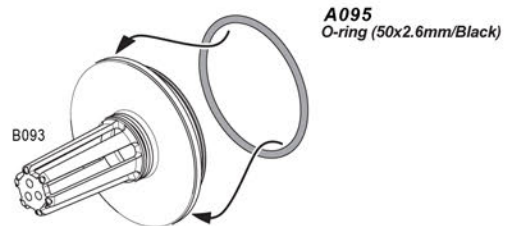
Clean with soap and water. Be sure to rinse from inside filter to outside. After drying reapply air filter oil. To re-coat the air filter with oil, place the element in a plastic bag with several drops of air filter oil. Using your fingers, work the oil into the element making sure it is evenly distributed.



Remove dust and clean with soap and water. Reinstall after drying.

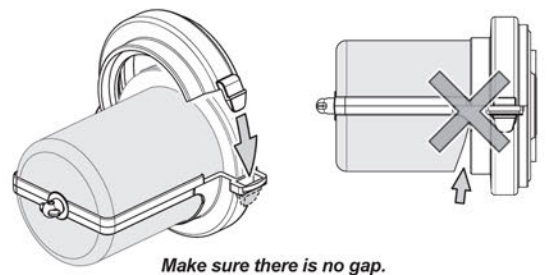
O-ring replacement

Replace, if O-ring is cracked or dry.



Reinstalling the Filter Element

When installing inner filter element, make sure there is no gap.



Installation is reverse of removal.

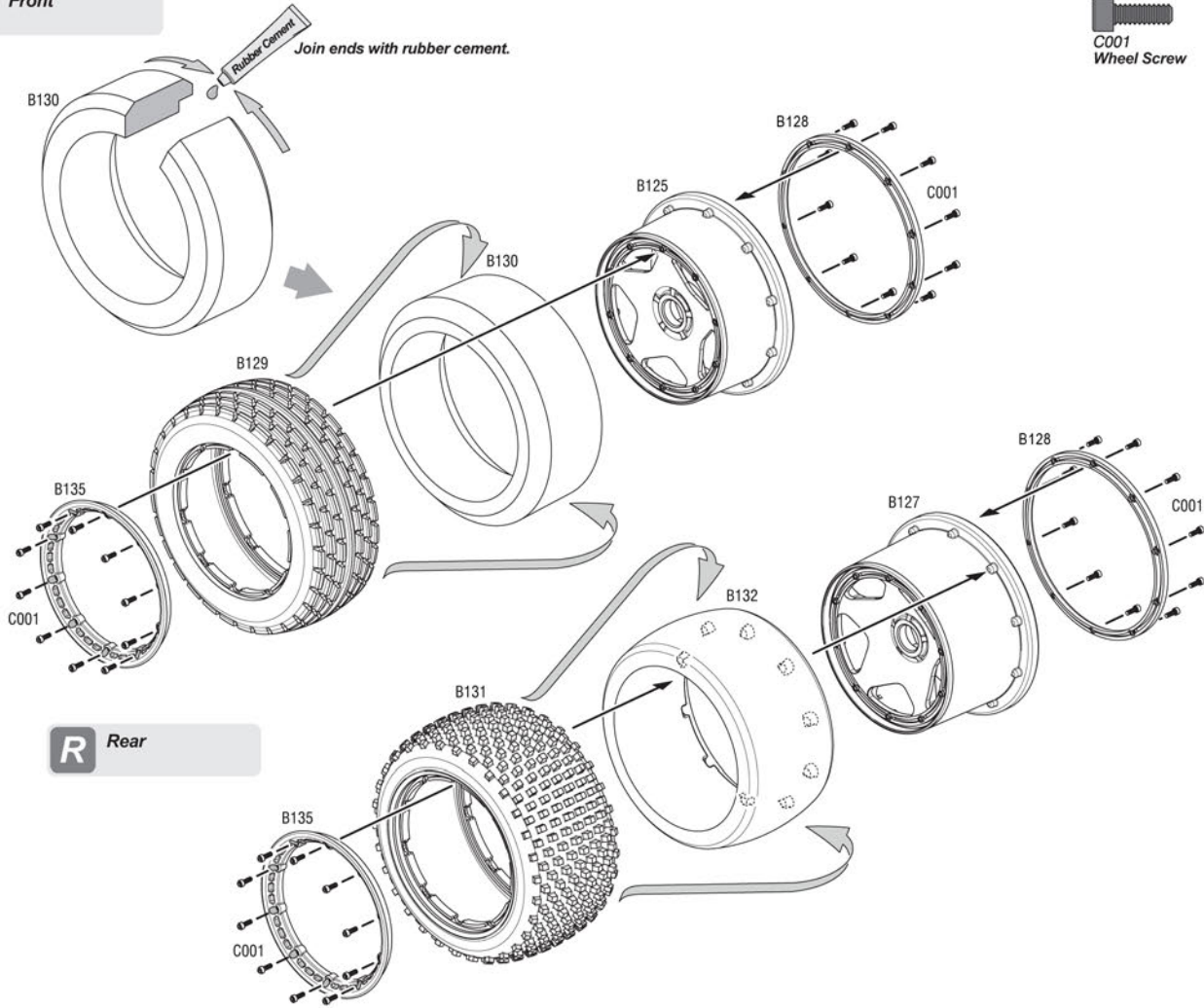
3-2 Wheel Maintenance

If your tire starts to come off of the wheel or beadlock, begin to remove the beadlock from the problem area until you can put the tire back in place and re-secure the beadlock. If your tire is damaged, remove entire beadlock, replace with new tire, and re-install beadlock.

F Front



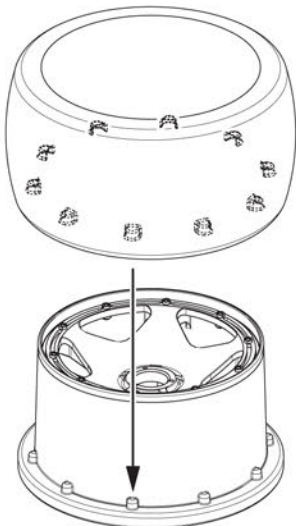
Join ends with rubber cement.



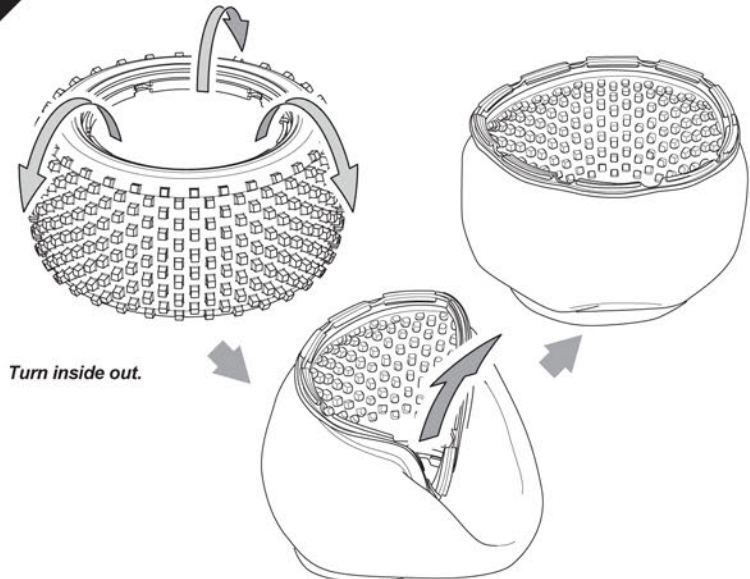
R Rear

Tire Assembly

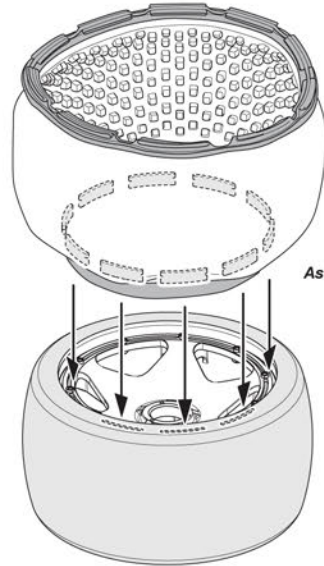
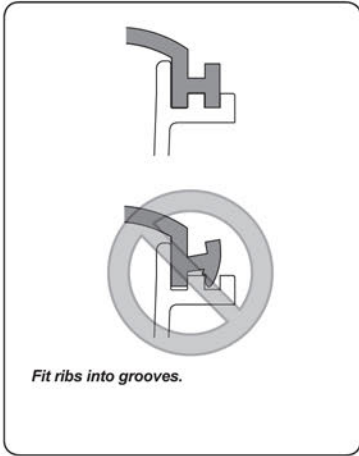
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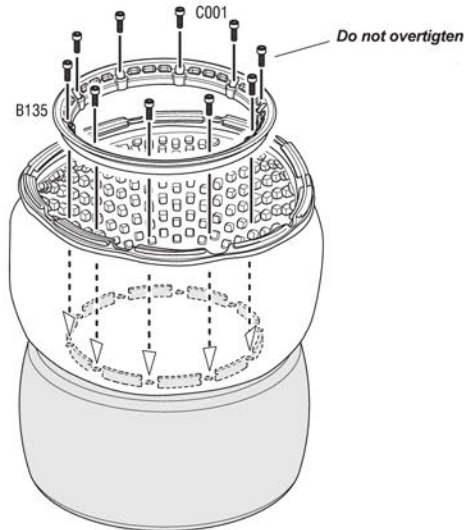
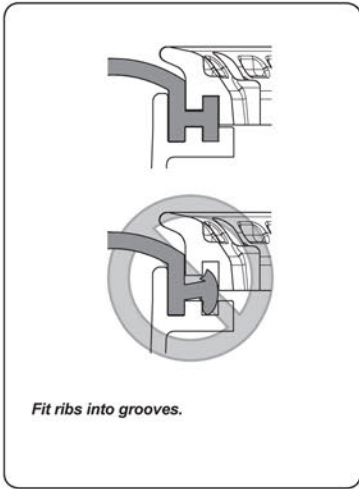
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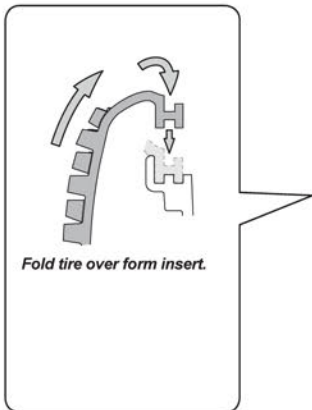
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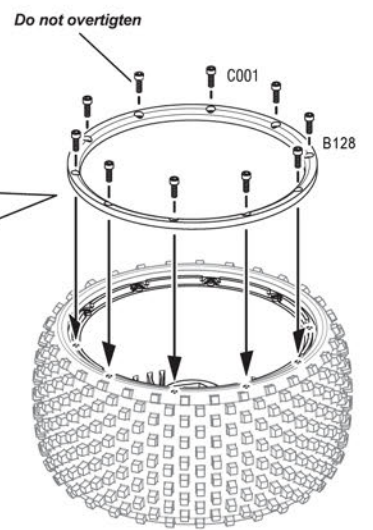
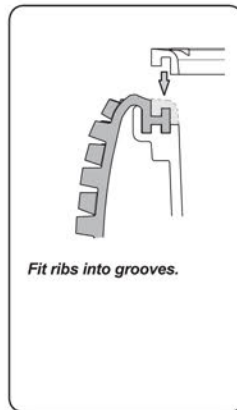
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5

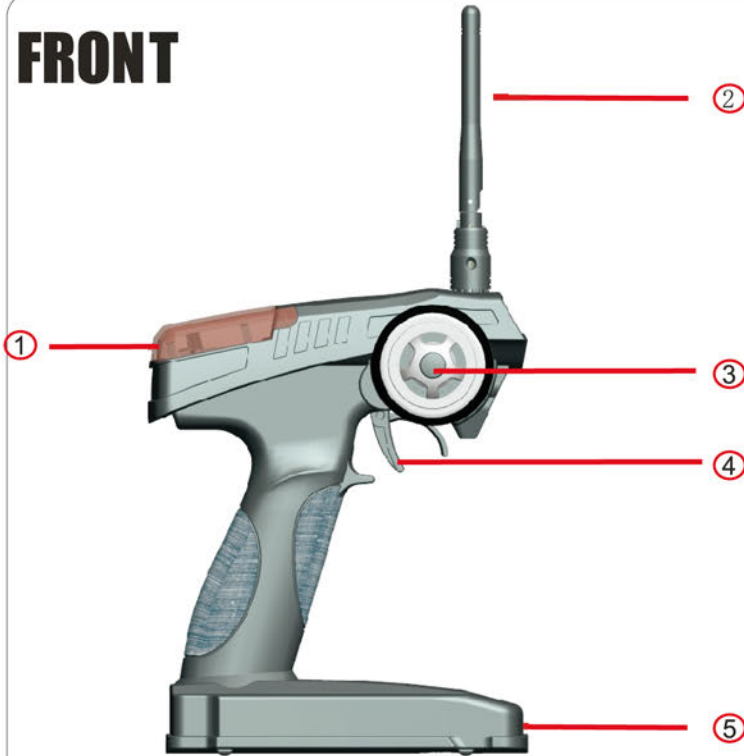


6



1 The transmitter button description

FRONT

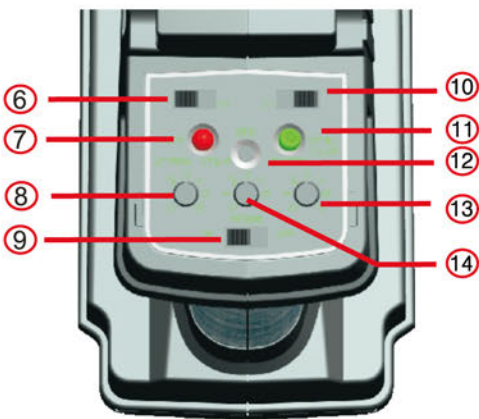


Specifications:

- 1.Channels: 2channels;
- 2.Model type: car/boat;
- 3.RF power: less than 20dbm;
- 4. 2.4G system: AFHDS;
- 5.Code type: digital;
- 6.Sensitivity: 1024;
- 7.Low voltage warning: yes(less than 9V);
- 8.DSC port: yes(3.5mm);
- 9.Charger port: yes;
- 10.Power: 12vdc(1.5aa×8) ;
- 11.Weight: 328g;
- 12.ANT length: 26mm;
- 13.Size: 159×99×315m;
- 14.Color: black;
- 15.Certificate: CE FCC;

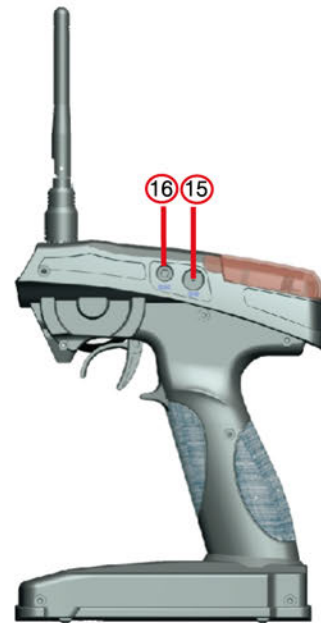
- ① CONTROL BOX ② 2.4G ANT
- ③ STEERING WHEEL ④ THROTTLE TRIGGER
- ⑤ BAT BOX

SIDE



- ⑥ ST REV ⑦ POWER LED ⑧ ST TRIM
- ⑨ POWER SW ⑩ TH REV ⑪ POWER CHECK
- ⑫ BIND ⑬ TH TRIM ⑭ D/R

BACK



- ⑮ CHARGER ⑯ DSC FOR SIMULATE

2 The receiver shows



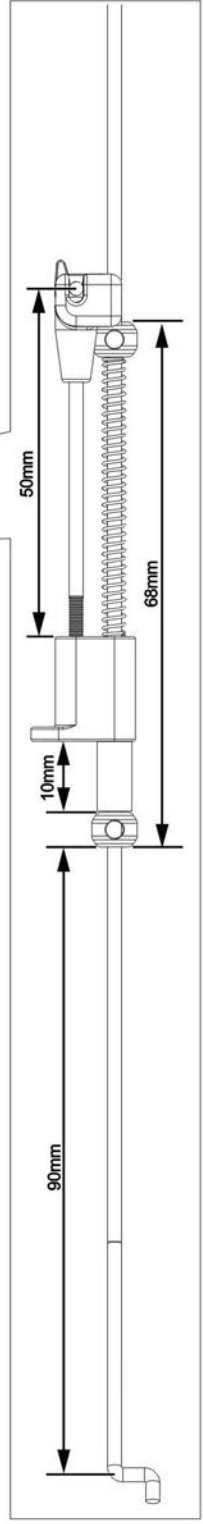
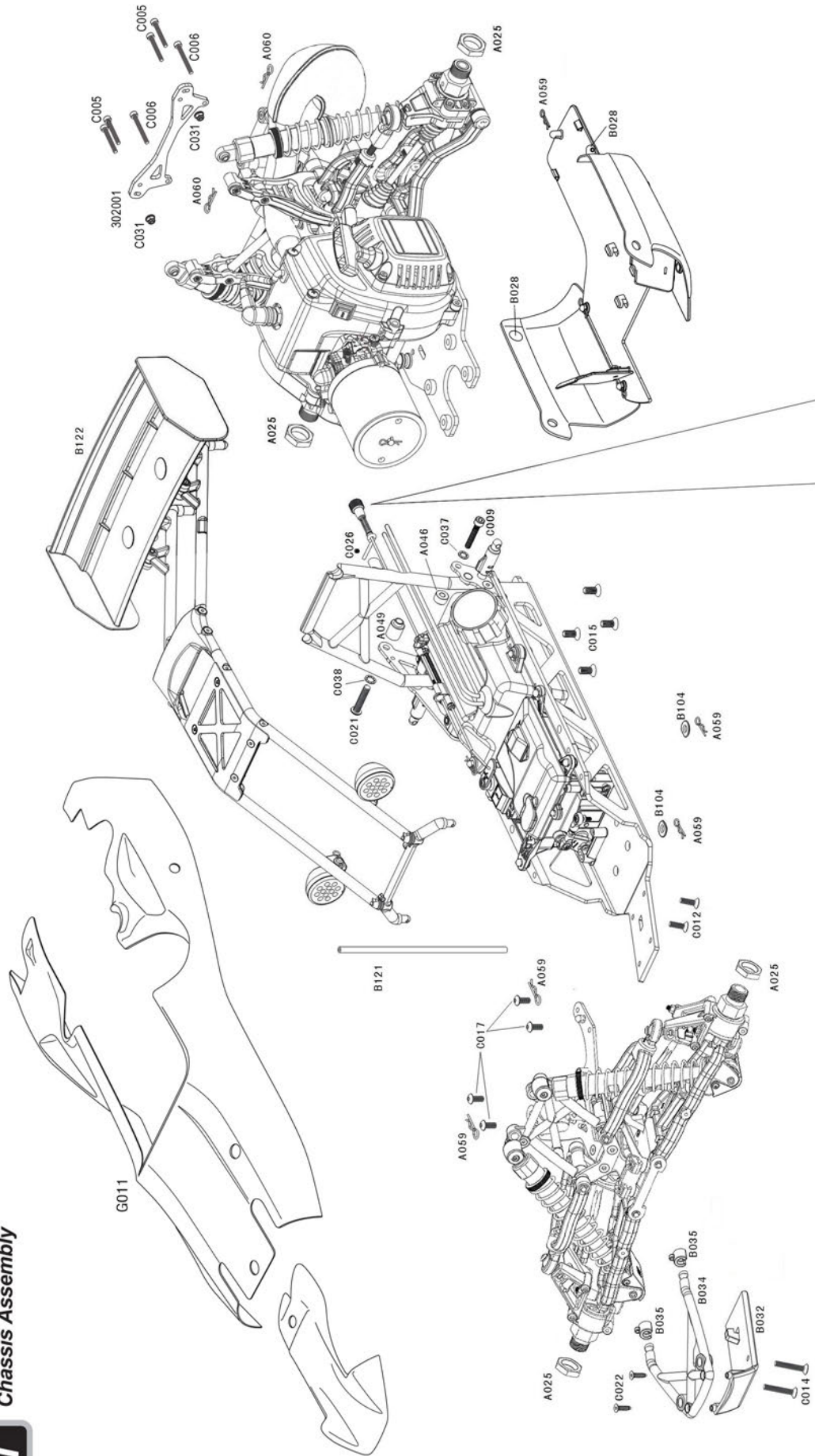
Specifications:

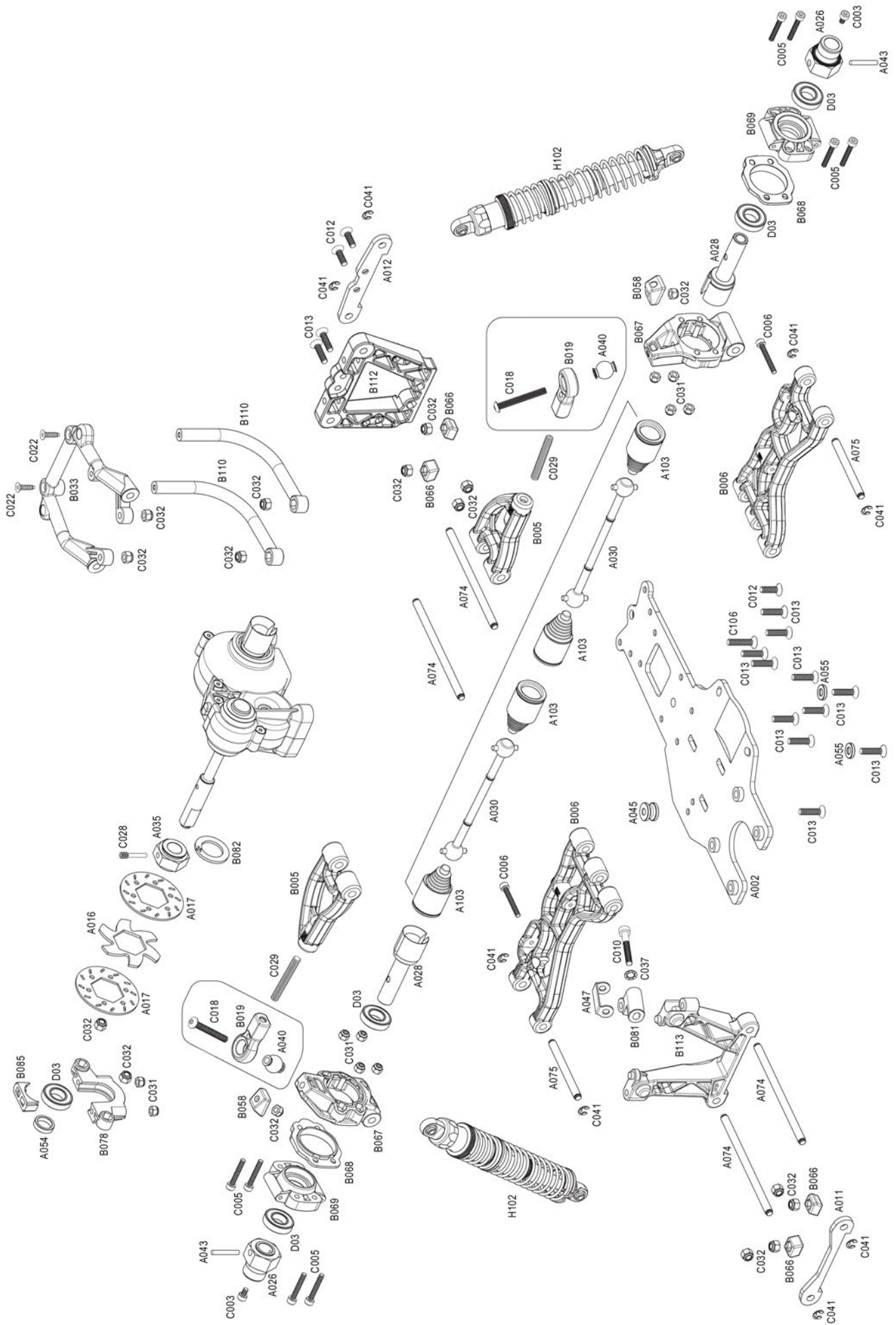
- 1.Channels: 3channels;
- 2.Model type: car/boat;
- 3.Frequency band: 2.4G;
- 4. 2.4G system: AFHDS;
- 5.Sensitivity: 1024;
- 6.RF receiver sensitivity: -100dbm;
- 7.Power: 4.5-6.5VDC;
- 8.Weight: 5g;
- 9.ANT length: 26mm;
- 10.Size: 37.6×22.3×13mm;
- 11.Color: gray semi-transparent;
- 12.Certificate: CE FCC.

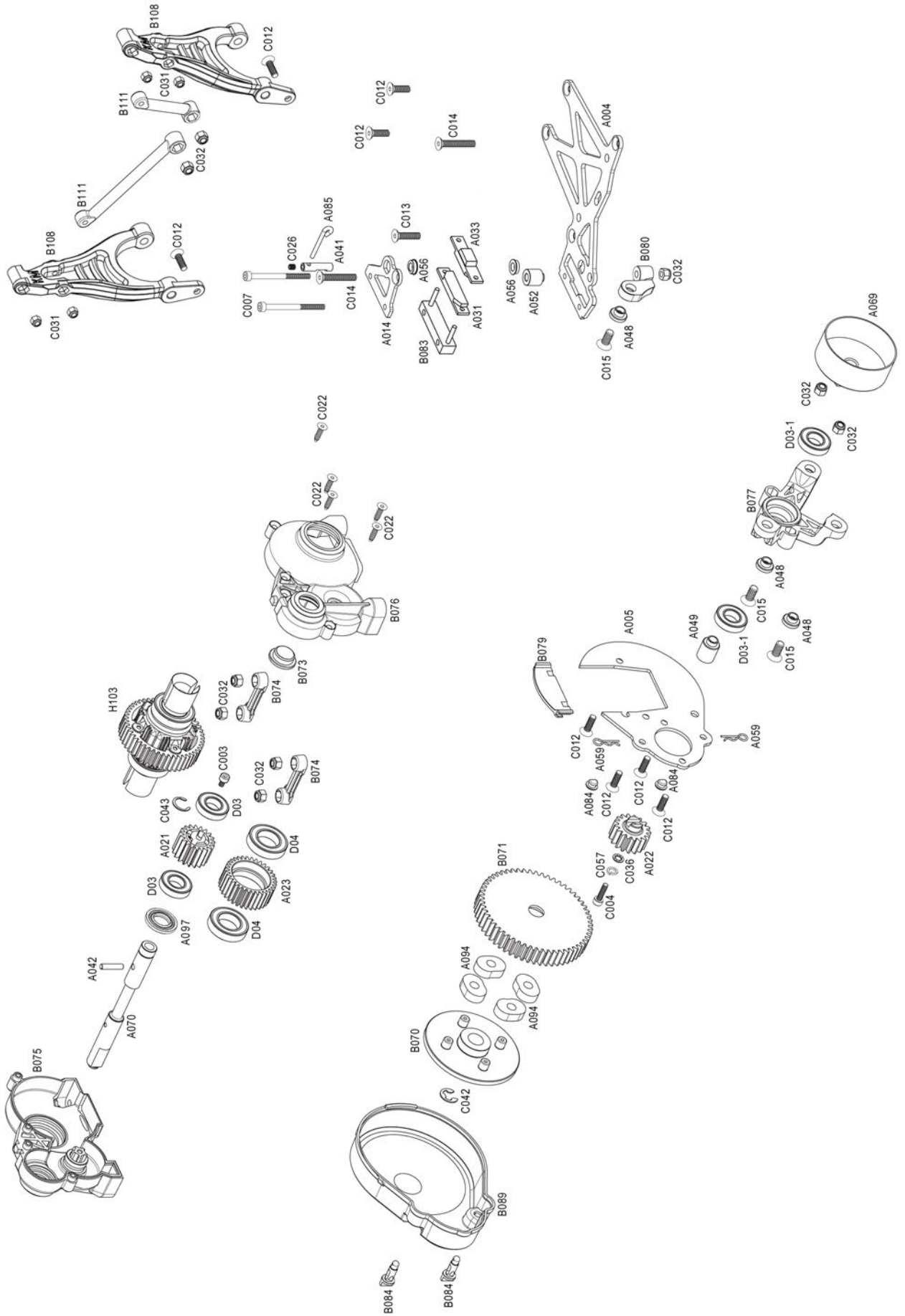
Please read the attached operation manual, thank you !

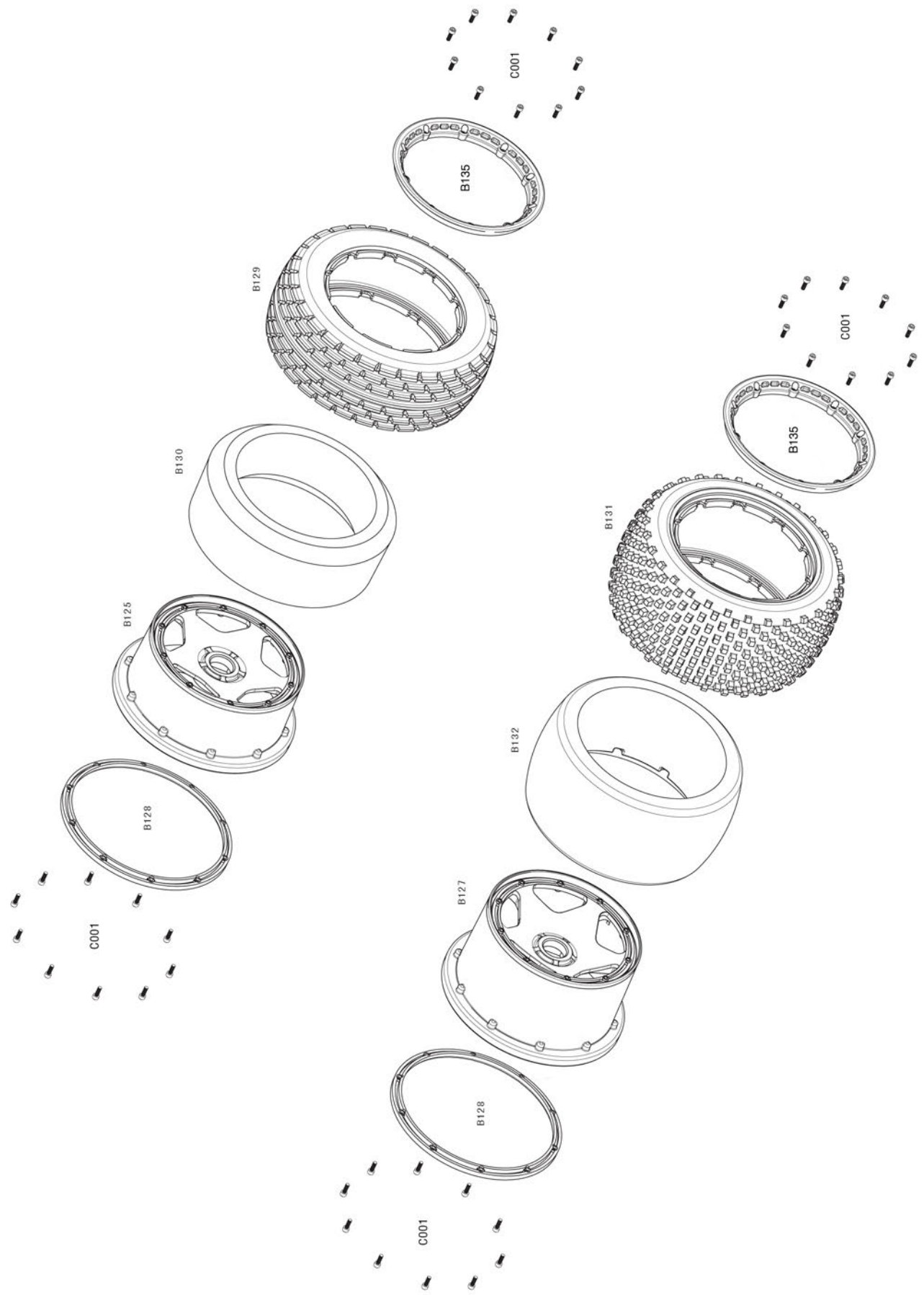
4 Exploded View

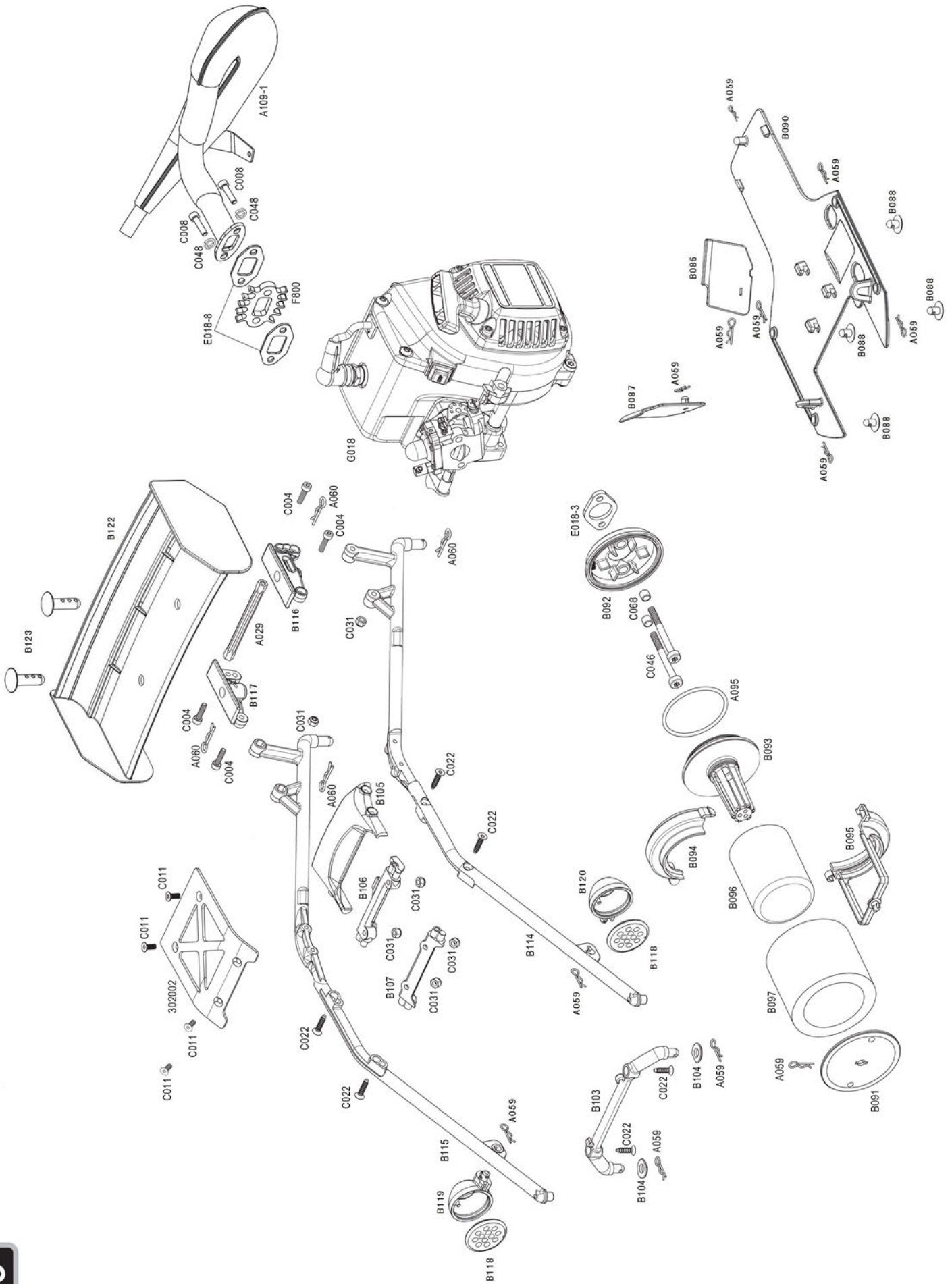
4-1 Chassis Assembly













雷神运动器械有限公司

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