



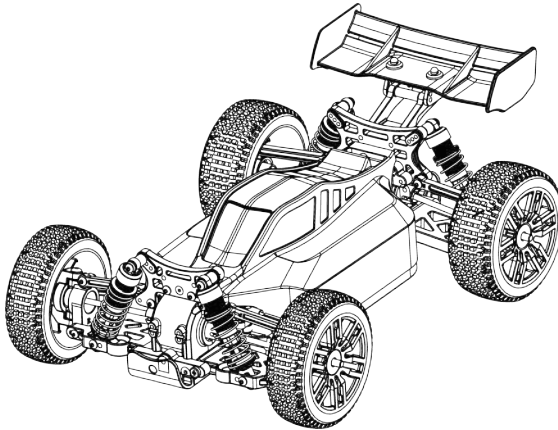
INSTRUCTION MANUAL

BOZ1416

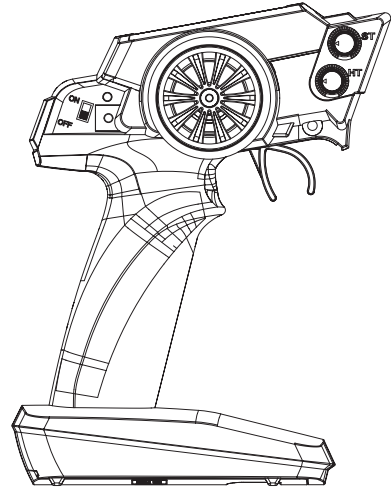




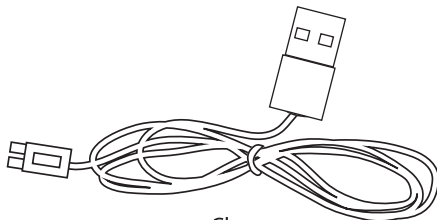
PRODUCT CONFIGURATION



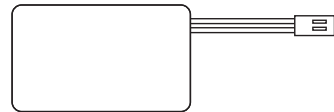
Jubatus 4WD Buggy



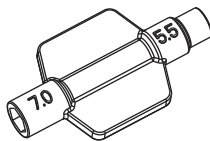
Transmitter



Charger



Li-Ion battery pack



Wheel nuts wrench



Instruction Manual



SAFETY PRECAUTIONS

Safety Instructions and Intended Use

This product is designed exclusively for hobby use and may only be used on tracks and areas intended for this purpose.

No persons or animals may be transported with this model.

To avoid operator errors, it is mandatory that the user manual is read before use!

These models may only be used with bodywork that is correctly fitted.

When removing the bodywork, please note that, during operation, certain parts can become very hot.

Please note that various models can generate very high noise levels and should, therefore, not be operated in your immediate proximity.

Please make sure, before every driving session, that the tank is correctly closed or the power pack is correctly inserted.

To avoid faulty operation of the control system causing the model to run out of control, it must be checked that the transmitter and model batteries are in good condition.

It is essential to check that the model is correctly assembled both before and after use; if need be, tighten nuts and bolts.

This model is not a toy!

- This product is not a toy, its operation must be learned step by step.
- Children under 14 years of age should operate the model only if supervised by an adult.

Operating RC models is a fascinating hobby that, however, must only be exercised with proper precautions and care. Since the weight of this model is considerable and it can reach a very high speed it can, if it runs out of control, cause significant damage and injury for which you, as the operator, are liable.

Only a correctly assembled model will work and react as expected.

Never improvise with unsuitable materials but, when the need arises, use only original spare parts. Even if the model is pre-assembled, all joints and fastenings should be checked for correct seating and tightness.

Before use, you must make sure of the following points:

- All rechargeable batteries must be fully charged.
- Before starting, check the radio range.
- Check that the model reacts correctly to the control signals.
- All functional parts of the product are in a faultless condition and have been checked.
- All screw fastenings are firmly seated.
- Do not drive under high-voltage power lines or radio masts or with nearby thunderstorms!
- Atmospheric interference can influence the operation of your model.
- The electrical parts of the model are not water-tight. Do not, therefore, drive it in rain or snow or through puddles or wet grass.
- The remote controlled model may be driven only on suitable areas and must not be used on the public highway.
- Do not use near people or animals!
- Do not use it when tired or if your reactions are otherwise impaired.
- Always maintain direct visual contact with your model.
- Regular maintenance and care are required for first class driving performance.
- The model has parts that become hot in operation, e.g. the top of the motor, the metal gearbox, amongst many others. Touching these parts during operation can cause injury.

Pay attention to the charge level indication on your transmitter.

- With power packs or batteries that are half discharged, you can lose control of the model.
- In the transmitter, never mix fully charged batteries, rechargeable or not, with half discharged batteries or rechargeable batteries of different capacity.
- Never try to charge non-rechargeable batteries (dry cells), only batteries specified as rechargeable can be charged.



SAFETY PRECAUTIONS LITHIUM BATTERIES

1. General

Lithium batteries (accumulators) are energy storage devices with a high energy density and can present risks. For this reason, particular care is needed when charging, discharging, storing and handling.

Read these instructions very carefully before first using the battery. Do not fail to take note of the warning notices and instructions for use.

Misuse can lead to risks such as explosion, overheating or fire.

Failure to observe the instructions for use leads to early failure and other defects.

The instructions should therefore be kept in a safe place and it is essential that they are handed over to the second user if the batteries are passed on.

2. Warning notices

- Avoid short-circuits. A short-circuit may well destroy the product. Cables and connections must be well insulated.
- It is essential when connecting the battery to ensure that the polarity is correct.
- Original plug connectors and cables may not be cut off or changed - if need be, use an adapter cable.
- Do not expose the battery to excessive heat or cold or to direct sunlight. Do not throw in the fire. Do not place the battery in contact with water or other liquids.
- Charge the battery only with charging units intended for the purpose and always use the balancer connection. It is only by using the balancer connection that optimum charging can be ensured. If this connection is not used, charging is subject to the risks mentioned above. Before charging, always first allow the battery to cool to ambient temperature. Never charge while hot.
- When charging, place the battery on a non-flammable, heat-resistant support. There should be no flammable or readily ignited objects in the vicinity of the battery.
- During charging or operation, never leave the battery unsupervised.
- Do not fail to keep to the recommended charge/discharge current.
- The battery casing must not be damaged. It is essential to avoid damage by sharp objects such as knives or the like, from dropping, impact, bending etc. Damaged batteries may no longer be used.
- Batteries are not toys. They should be kept away from children.

3. Charging instructions

Lithium batteries are charged according to the CC-CV procedure. CC stands for "constant current", which is applied during the first

phase of charging. Once the battery reaches the maximum voltage configured in the charger, it switches to CV (constant voltage) for the second phase of charging. The battery voltage no longer increases. The charging current now falls continuously until the battery is fully charged. The maximum charging current for the battery is 1C (C=nominal capacity of the battery, e.g. for a battery with a nominal capacity of 2700 mA, the maximum charging current for the battery is 2700 mA (2.7 A)). Never charge several batteries together from a single charger. Differing states of charge and capacities can lead to overcharging and destruction.

4. Storage instructions

Lithium batteries should be stored charged to 20-50 % of their capacity and at a temperature of 15-18 °C. If the cell voltage falls below 3 V, they should be recharged. Deep discharge and storage when discharged (cell voltage <3 V) will render the battery unusable.

5. General terms of guarantee

There is a legal guarantee for production and material faults as applicable at the time of dispatch. No liability is accepted for normal wear and tear. This guarantee does not apply for defects attributable to improper use, inadequate maintenance, third-party interference or mechanical damage. This applies, in particular, to used batteries and batteries clearly showing signs of use.

Damage and loss of performance due to improper handling and/ or overload are not product faults. Batteries are consumables and subject to a certain ageing. This is influenced by factors such as the charge/discharge currents, the charging procedure, the operating and storage temperatures and the state of charge during storage. The ageing shows itself in, among other things, an irreversible loss of capacity. In the model field, where batteries are frequently used to supply motors, very high currents can flow from time to time.

6. Exclusion of liability

Since we are unable to have any control over charge/discharge, handling, compliance with assembly and operating instructions, battery replacement and its care and maintenance, Tamiya / Carson can accept no liability for loss, damage or costs incurred.

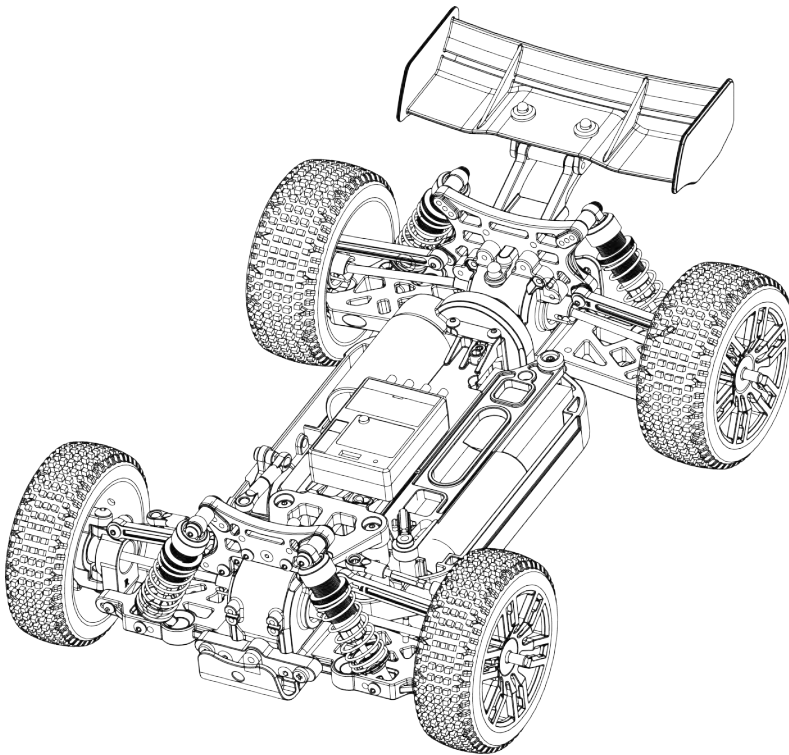
Any claim for damages that may result from operation, failure or faulty operation or that is in any way related thereto will therefore be refused. We accept no liability for personal injury or material damage and their consequences that arise from our delivery.

7. Disposal instructions

Batteries are hazardous waste. Damaged or unusable cells must be disposed of in the correct manner.

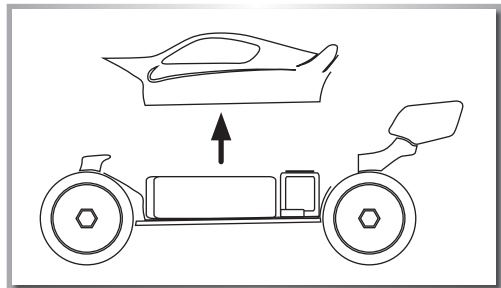
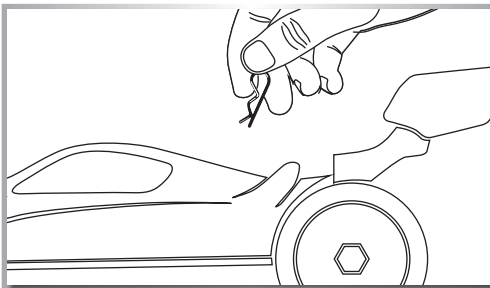
No liability for printing errors, we reserve the right to make changes!

CHASSIS



REMOVING THE BODY

- Remove hook pin (2) and
- Take body off.



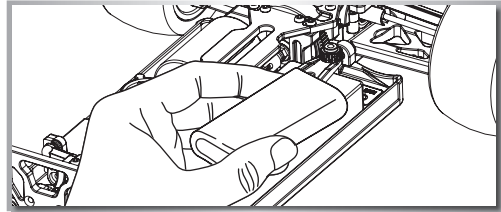


INSERTING THE DRIVE BATTERIES

- 1 Insert the batteries
- 2 Put the battery plate on it and
- 3 Fix it with the hook pins

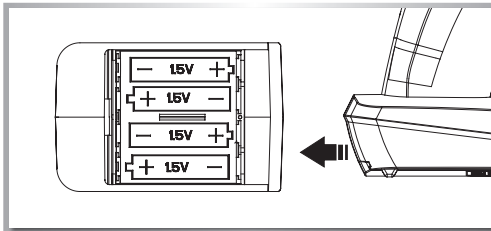
Advice

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the toy before being charged.
- Rechargeable batteries are only to be charged under adult supervision.
- Batteries are to be inserted with the correct polarity.
- Exhausted batteries are to be removed from the toy.



- The supply terminals are not to be short-circuited.
- Regular examination of transformer or battery charger for any damage to their cord, plug, enclosure and other parts.

INSTALLING THE TRANSMITTER BATTERIES



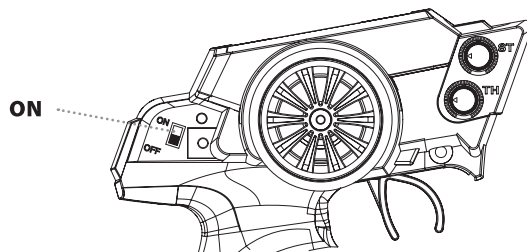
1. Open the battery compartment lid on the underside of the transmitter.
2. Insert fully charged rechargeable batteries or new AA batteries observing the correct polarity. Close the cover on the battery compartment again. Ensure that the cover clicks properly into place. Check that it is in its correct position.

TURN ON THE RC SYSTEM

CAUTION!

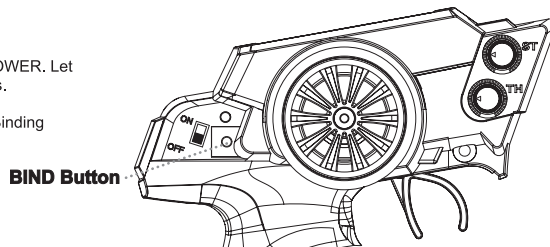
Always turn the transmitter's power switch ON first!

Please change batteries when LED status flashes on transmitter!!!



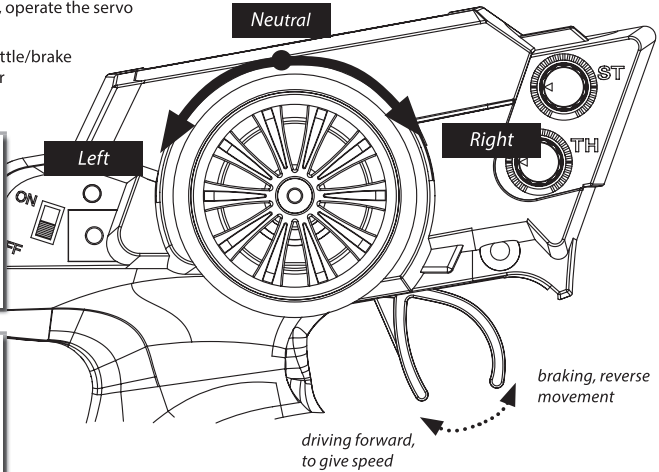
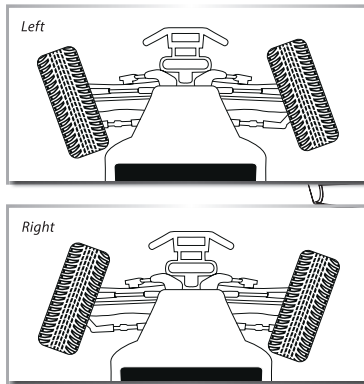
HOW TO BIND

1. Please turn on the car power.
2. Please press the BIND and hold it, and turn on the POWER. Let go of the BIND button, so it will enter to Binding process.
3. Once the lights go to Stable Green lights, then the Binding process has been done.



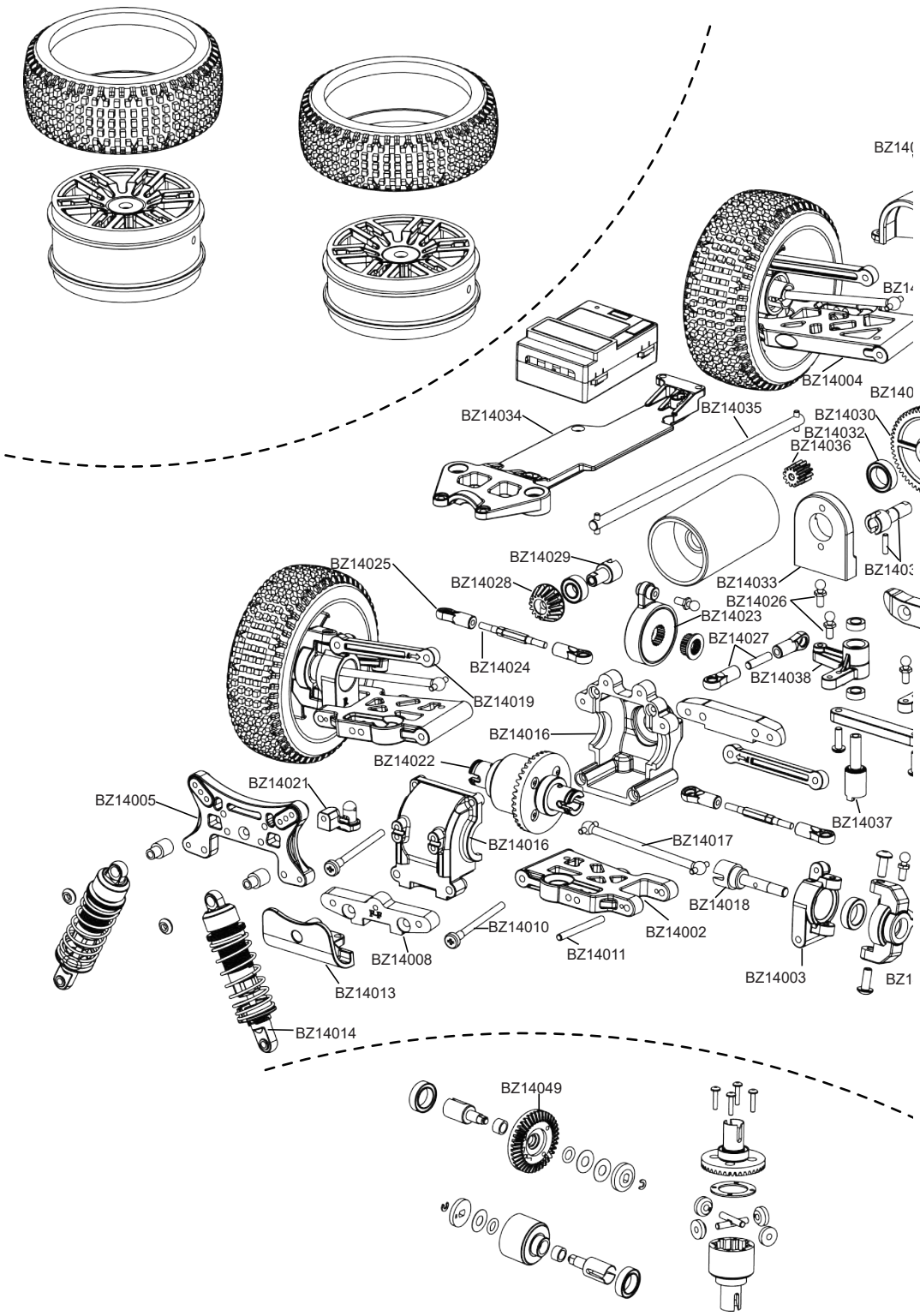
HOW TO CONTROL YOUR MODEL

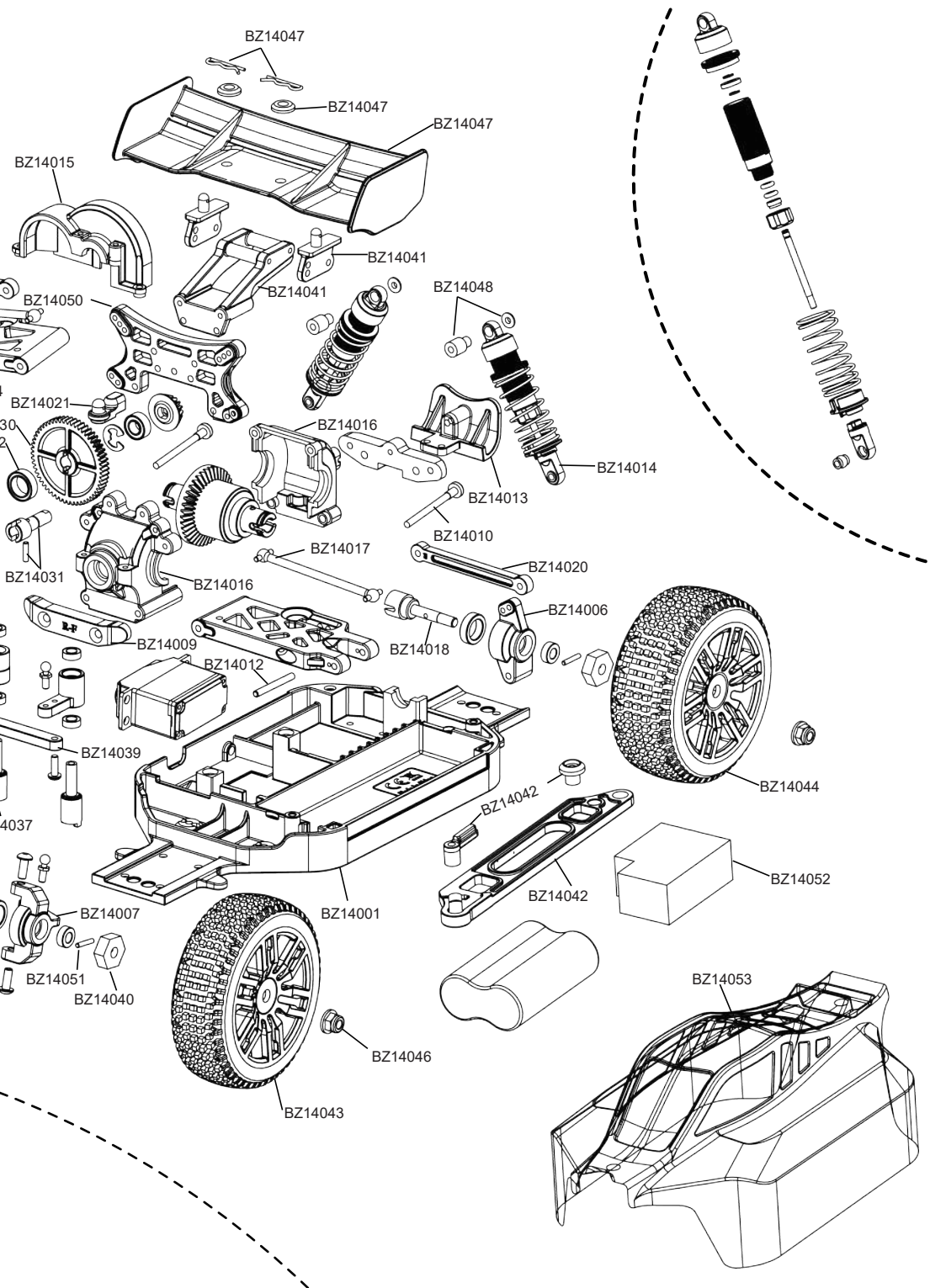
- Raise the tyres off the ground
- Turn the steering wheel to the right and left as far as it will go. The wheels are to follow the steering direction.
- If the wheels operate in the opposite direction, operate the servo Reverse switch (ST in position REV).
- To regulate the driving speed, actuate the throttle/brake
 - backwards (forward driving, accelerating) or
 - forwards (braking, reversing)



TROUBLESHOOTING

Problem	Cause	Correction
Model doesn't move	Transmitter or chassis power switch is not "ON"	Switch power on receiver or transmitter
	Polarity or battery type is wrong	Check polarity and type of battery
	Batteries have run down	Change batteries or charge them
Loss of control	Batteries have run down	Change batteries or charge them
Doesn't run straight	Steering trim is not adjusted correctly	Make adjustment
	Front and rear wheel nuts are too loose	Tighten wheel nuts
Doesn't stop	Throttle trim is not adjusted correctly	Make adjustment
Doesn't reverse	Throttle trim is not adjusted correctly	Make adjustment
	Wrong action	Control properly
Running too slowly	Batteries have run down	Change batteries or charge them
	Motor has lost power	Change to spare motor
	Rear wheel nuts are too loose	Tighten wheel nuts
	Dust or foreign objects are inside gears	Turn the power switch "OFF" and clean out gears

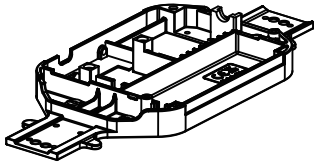




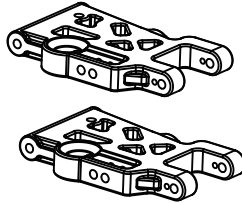


SPARE PARTS

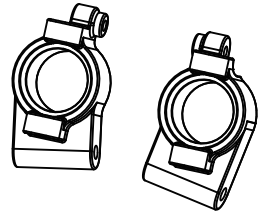
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Main Chassis



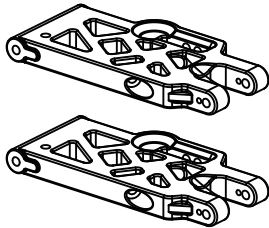
BZ14002
Front Lower Suspension Arm (2pcs)



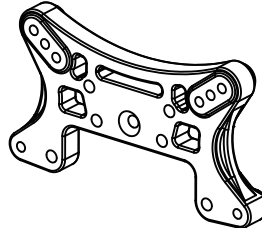
BZ14003
C-Hub L&R



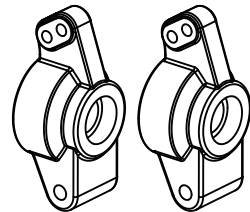
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Rear Lower Suspension Arm (2pcs)



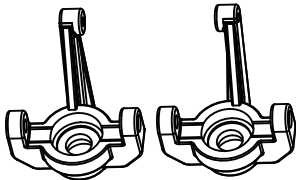
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Front Shock Tower



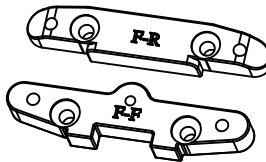
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Rear Hub Set



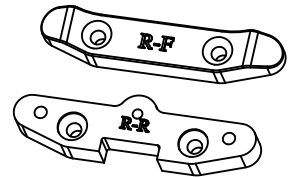
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Front Steering Block L&R



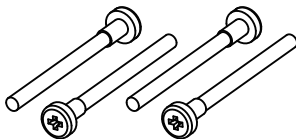
BZ14008
Lower Suspension Arm Holder F/F+F/R



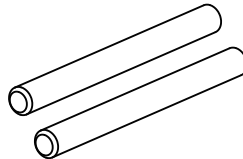
BZ14009
Lower Suspension Arm Holder R/F+R/R



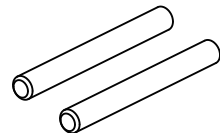
BZ14010
Suspension Hinge Pin F&R



BZ14011
Front Steering Block Pin

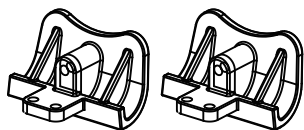


BZ14012
Rear Hub Pin

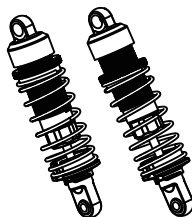


SPARE PARTS

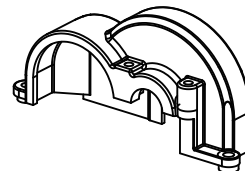
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Bumper



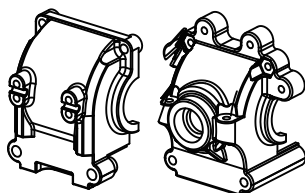
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F&R Shock Set (2pcs)



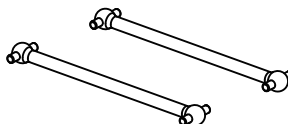
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Center Diff Cap



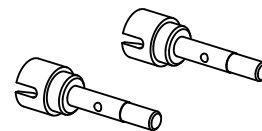
BZ14016
Gear Box F&R



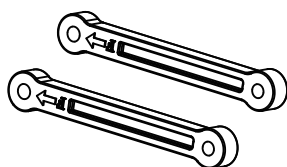
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Dogbone F&R



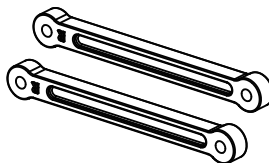
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Drive Cup F&R



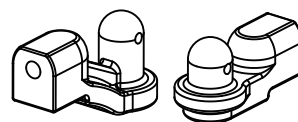
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Front Turnbuckle



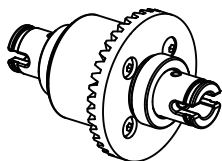
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Rear Turnbuckle



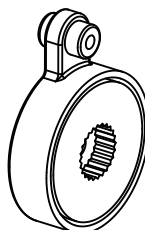
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Body Post



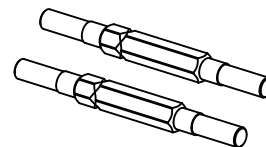
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Gear Diff Set



BZ14023
Servo Horn Arm



BZ14024
Turnbuckle M2.5x30

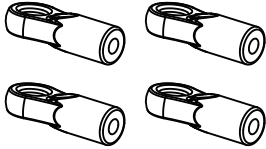




SPARE PARTS

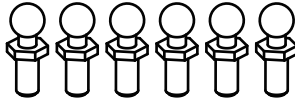
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Steering Ball Cups



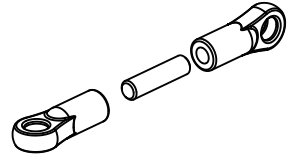
BZ14026

Ball Stud 3.8MM (6pcs)



BZ14027

Servo Ball End



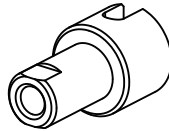
BZ14028

16T Diff Pinion Gear



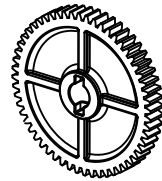
BZ14029

Center Front Drive Cup



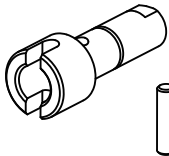
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Center Gear 56T



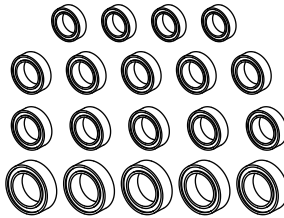
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Spur Gear Shaft & Pin



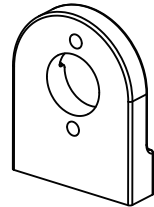
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Bearing Set



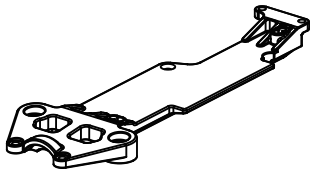
BZ14033

Motor Mount Holder



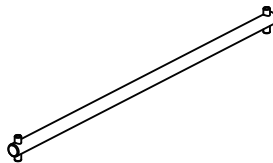
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Center Front Plate



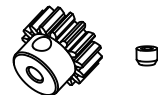
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Center Drive Shaft



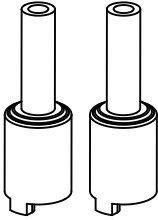
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Motor Gear

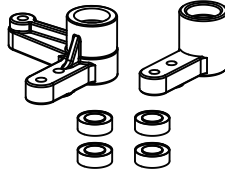


SPARE PARTS

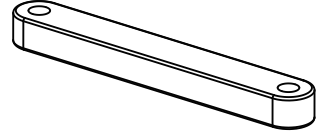
BZ14037
Servo Saver Post



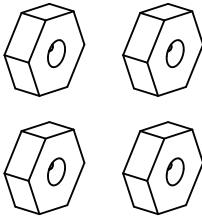
BZ14038
Servo Saver Plastic Sets



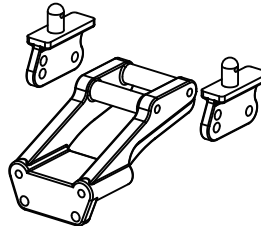
BZ14039
Steering Plate



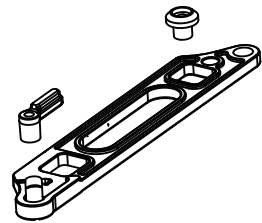
BZ14040
Wheel Hex



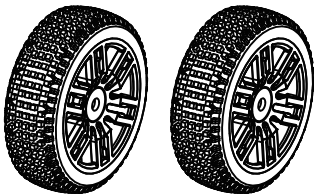
BZ14041
Wing Stay Set



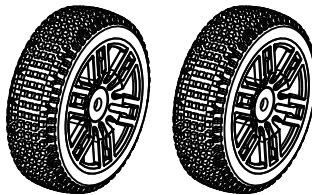
BZ14042
Battery Holder Plate



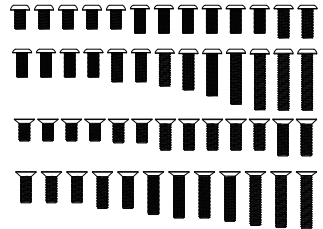
BZ14043
Front Tyre Set (2pcs)



BZ14044
Rear Tyre Set (2pcs)



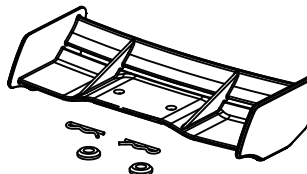
BZ14045
Screw Set



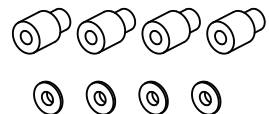
BZ14046
Wheel Nut



BZ14047
Wing



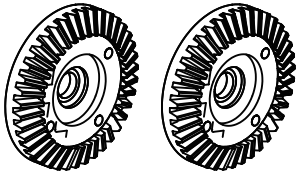
BZ14048
Shock Holder + Washer



SPARE PARTS

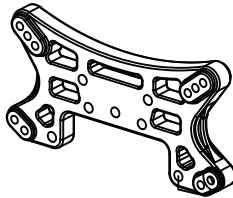
BZ14049

Plastic Gear 39T



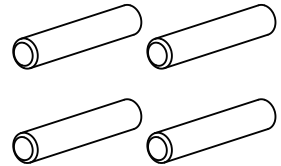
BZ14050

Rear Shock Tower



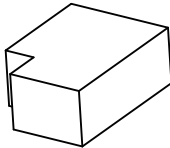
BZ14051

Wheel Hex Pin



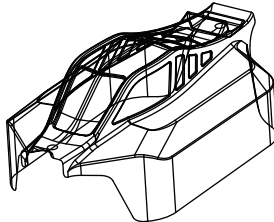
BZ14052

EVA Foam



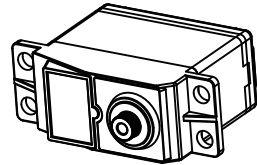
BZ14053-OR/RE/GR

Jubatus Pre-printed Body



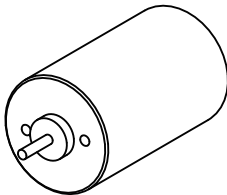
BZ14054

3.5KG Steering Servo



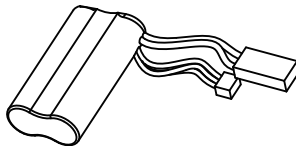
BZ14055

390 Brushed Motor



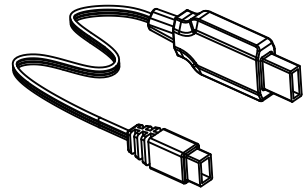
BZ14056

850mah Li-ion Battery



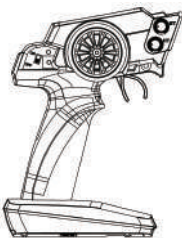
BZ14057

USB Charger 7.4V(OP1000mAh)



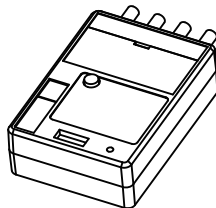
BZ14058

NR-4 2.4G Transmitter



BZ14059

35A Fusion ESC/Receiver





NOTES

A series of horizontal dotted lines for writing notes.



1/14 Jubatus Brushed 4WD
RTR RC Buggy



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