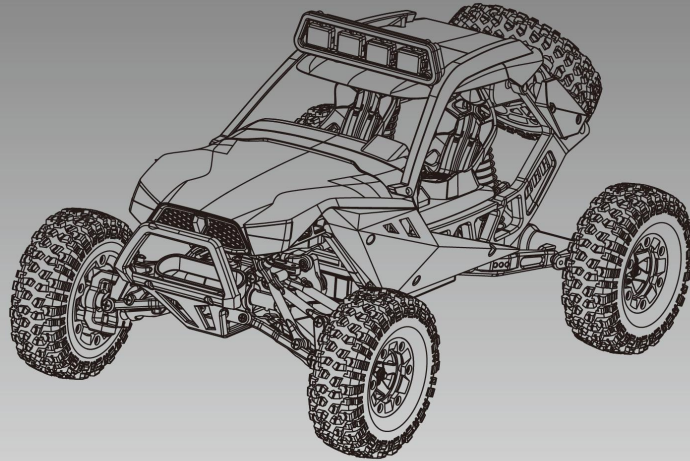


1:12 Electric 4WD Climbing car



Caution: This model is not a toy, it is designed for users over 14 years of age.

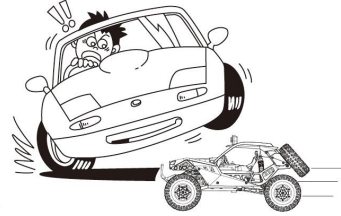
Please use this instruction and the R/C system instruction at the same time.

The instruction is suitable for a type of model whose number is 12429

Safety and caution	1-2
Troubleshooting • Product introduction	2-3
Instruction of common tools and installation the electronic part...	4-5
Practice and maintenance.....	5-7
Assemble exploded view	8-17
Fittings view	18-24

Safety and Cautions

- *Never run the model on public roads or streets, as it could endanger traffic.
- *Never run the model in crowded areas, near or toward people or animals, to prevent property damage and/or personal injury.
- *Never run the model near rivers, ponds or lakes as to prevent R/C car from dropping into the water.
- *Make sure that no one else is using the same frequency as yours in your running area. Using the same frequency at the same time, whether it is driving, flying or sailing, can cause loss of control with R/C model, resulting in serious accidents.
- *To avoid a runaway R/C model or loss of control, always follow the procedure below:
 1. Fully extend transmitter antenna.
 2. Switch on transmitter.
 3. Switch on R/C model.
- *Follow reverse procedure to shut down.
- *Never touch or hinder rotating tire.
- *Never run R/C model in the rain or let run over puddles, as water may cause trouble with R/C model.
- *Motor and battery get very hot after running. Take care when handle them.
- *Retract transmitter antenna when not in use.
- *Remove the batteries from model and transmitter when they are not in use.



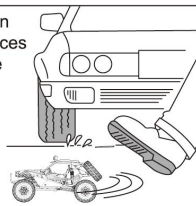
Cautions when handling batteries

- *Do not dismantle the battery or charger and do not cut any battery cables. This may cause short-circuit and/or damage to the product.
- *Change battery with compatible charger following proper procedure that is called out in the instructions. Do not modify charger or charge battery in improper way.
- *Do not recharge battery that is still warm from use as it may damage the battery. Allow the battery to cool off prior to recharging.
- *Make sure to disconnect charger cables from R/C model and electric outlet when not in use.
- *Remove transmitter battery when not using it for a long time as it may leak and damage transmitter when left for a long period.
- *Never incinerate used batteries, as they can explode causing serious accidents.



Safety precautions

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



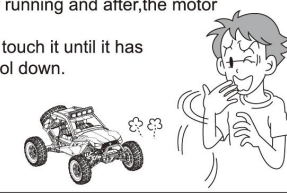
As the product includes small and sharp parts, assemble and store this product only in places out of the reach of children.



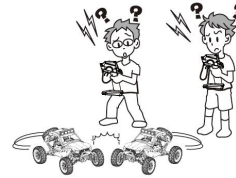
As the front end of the antenna may be dangerous, do not aim it toward faces.



During the car running and after, the motor will be hot. Please do not touch it until it has had time to cool down.



Don't use the same frequency with others at the same time. Or the car will lose control or even lead to serious accidents.



Troubleshooting

Description	Cause	Solution
The car does not operate at all.	Transmitter or receiver is off.	Turn on both transmitter and receiver.
	Batteries are not placed properly in the transmitter.	Place batteries in the transmitter properly.
	The drive battery is not charged enough.	Charge the drive battery.
The car does not follow your operation and control distance not enough long.	Someone else is using the same radio frequency as you are using.	Change your radio frequency to the one no one else is using, wait until the driver using the same radio frequency finishes driving, or drive your car at a different place.
	There is not enough power in the transmitter or receiver batteries.	Replace the transmitter batteries with new ones and charge the drive battery.
	Not tighten antenna on the transmitter/not fully extend antenna.	Make sure insert antenna into the transmitter and fully extend antenna.



CAUTION

- * Please observe the operation manual or packing explanation to install and use, and some parts should be installed by adults.
- * The product contains small parts, it may cause swallow or choke.
- * Never run an R/C model in the seep or rain, moisture areas, or it may cause the parts malfunction.
- * Please throw the wrapper in time to avoid danger for the children.
- * Regularly examine for damage to the charge, wire, plug, bodyshell or other parts. In the event of any damage, it must not be used until the damage has been repaired.
- * The charge, battery box and battery must insert with the appointed power source of product symbol same.
- * This product must only be used with the original collocation charger.
- * The product is contains the functional outshoots are may be dangerous to the children.

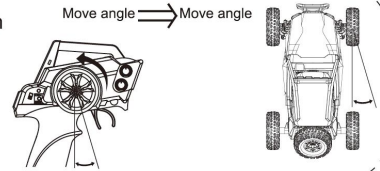
- * Apart the charger and toy before clean.
- * As the front end of the antenna may be dangerous,do not aim it toward anyone's body,face or eyes.
- * Batteries are to be inserted with the correct polarity.
- * Use the "AA" non-rechargeable or "AA" rechargeable batteries.
- * Non-rechargeable batteries are not to be recharged.
- * Rechargeable batteries should only be charged under adult supervision.
- * Rechargeable batteries must be removed from model before charger.
- * Different types of batteries or old and new batteries are not to be mixed.
- * Exhausted batteries are to be remove in time.
- * The supply terminals are not to be short-circuited.
- * Never short circuit the batteries. throw it in a fire or attempt to open their outer casings.
- * Please remove the batteries when not in use.
- * Please retain these instructions for future reference.

Product Introduction

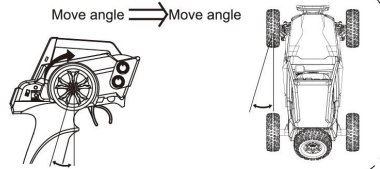
- ★Type: 1:12 Electric 4WD Climbing car
- ★Product size:385*260*205mm
- ★Wheelbase:253mm
- ★The minimum distance of front and rear wheel: 140mm
- ★Ground clearance:55mm
- ★Transmission ratio:1:9.12
- ★Tire diameter: 110MM;wheel width:38mm
- ★ESC receiving server:three in one circuit
- ★Motor:540 brush motor
- ★Remote control: 2.4G Remote control
- ★Remote control distance:≥100M
- ★Remote control battery:4 AA batteries (not included)
- ★Battery:Lithium battery 7.4V 1500 mAh
- ★Charger: USB balance charge
- ★Charging time:The charging time depends on the output of the adaptor.
- ★Use time: 15 minutes
- ★Server:3Kg servos
- ★Car shell: ABS car hard shell,high grade beautiful, spray UV.
- ★Driving speed: 40km/h.

Proportional R/C Using Instruction

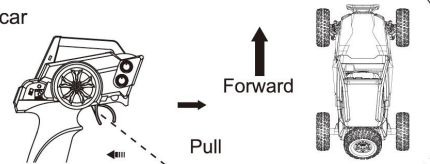
- ① Turn left the steering wheel, the car will turn left. Turning left angle can be adjusted by the degree of wheel twisting.



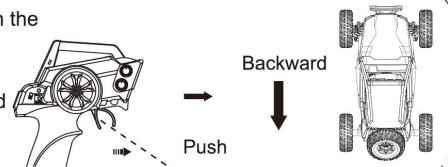
- ② Turn right the steering wheel, the car will turn right. Turning right angle can be adjusted by the degree of wheel twisting.



- ③ Pull the throttle trigger backward, the car will forward. Adjusting the angle of throttle trigger can adjust forward speed of the car. During the car forward, quickly push the trigger forward to stop it.

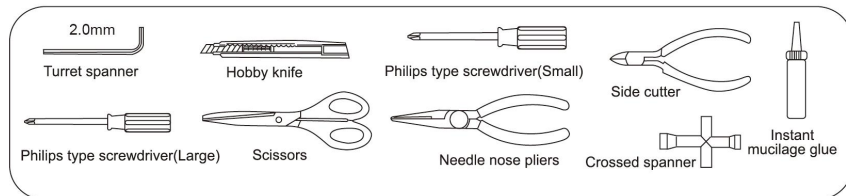


- ④ Loosen the trigger to make it return the neutral position when brake. Push the throttle trigger forward, the car will backward. Adjusting forward angle of throttle trigger adjust backward speed of the car.



Introduce the common tools and assemble the electron parts

Tools needed for assembly



How to charge rechargeable batteries

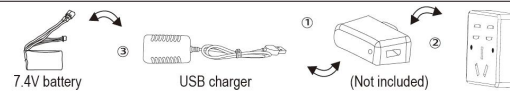
Method One: 1. Connect the USB cable to the adapter (not included) and plug the adapter into the power source. When the USB is powered, the red light flashes, then plug the battery into the USB cable. USB lights up red, which means it is charging. When the light is off, the charging is completed.

2. The charging time depends on the output of the adaptor. After charging, please disconnect all charging equipments and keep them properly.

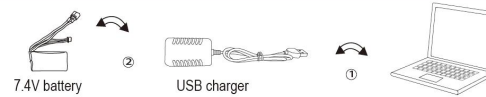
Method Two: 1. Connect the USB cable to your computer, the red light flashes when the USB is powered, then plug the battery into the USB cable. The USB light is lit red, which means it is charging. When the light is off, charging is complete.

2. The charging time depends on the output of the computer. After charging, please disconnect all charging equipment and keep them properly.

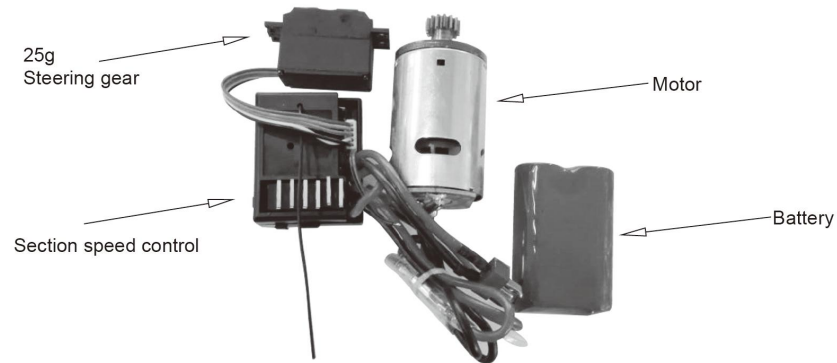
Method One



Method Two



Assemble the electron parts



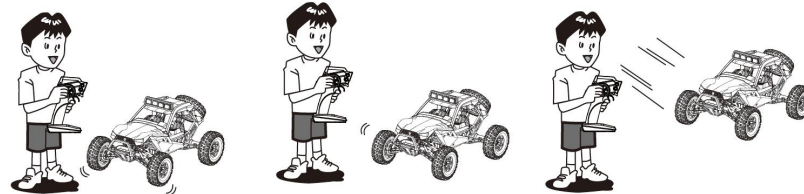
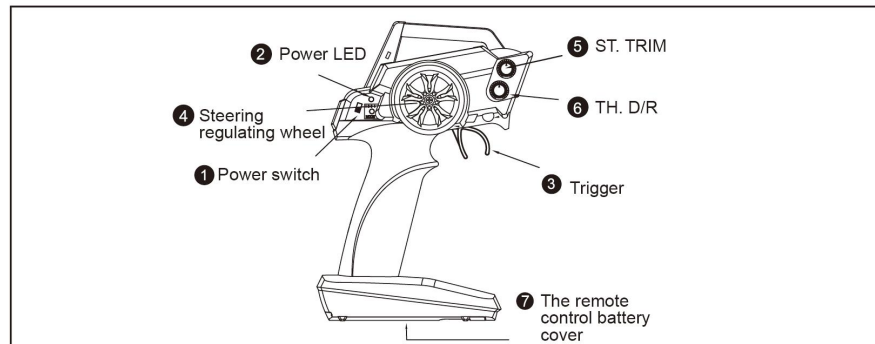
HOW TO CODE

1. Turn on the remote control power switch, the power indicator on the remote control flashes red, and then turn on the model car power switch, the light on the receiver flashes.
2. Turn the remote control to turn the control wheel or slightly crank the trigger. At this time, the remote power indicator light is steady red and the indicator light on the receiver is steady light, indicating that the code is successful.

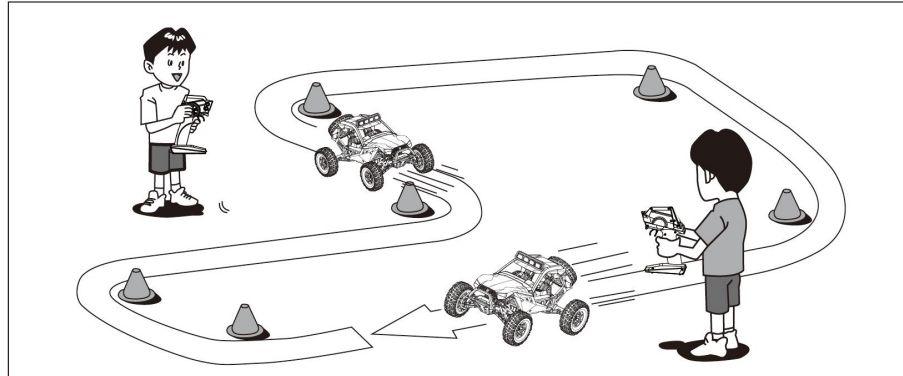
PRACTICE AND MAINTENANCE

Operating program

1. Turn on the power switch ① on the remote and make sure the power indicator ② flashes red, then turn on the model car's power switch.
2. The model car on the shelf, gently hook remote control on the trigger ③ to observe whether the car can move forward and backward.
3. Turn the remote control steering wheel ④ to the left or right and make sure that the front wheel's steering follows the command.
4. The model car on the ground, and standing behind the model car, gently hook the remote control throttle trigger ③, if the model car does not go straight, rotate the remote control front wheel trim ⑤, the model car to the right side, the front wheel Turn the trim to the left, the model car leans to the left, and the front wheel trims to the right to rotate until the model car can go straight.
5. Throttle speed adjustment ⑥ can adjust the model car speed, rotate to the right, hook the trigger model car speed becomes faster, turn left, hook the trigger model car speed becomes slower.
6. OK, ready to run.

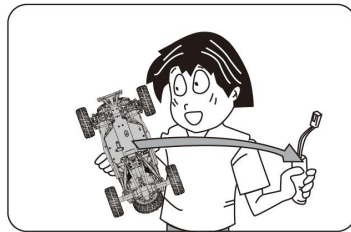


Practice

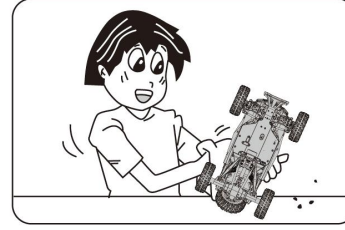


Let's practice! Make R/C car circuit at a wide and safe location using corner pylons (separately available), empty cans or such. Running fast at straight section and slow down at curved section is a basic speed control technique useful when driving R/C car.

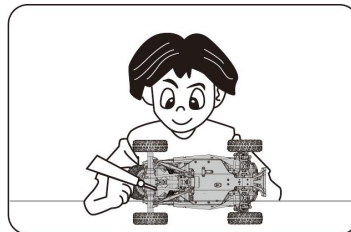
Maintain



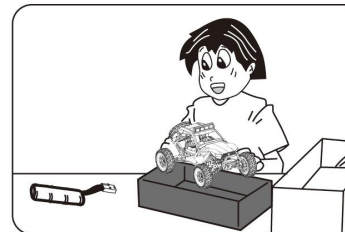
When the car is not in use, you should remove the battery from the car.



Completely remove sand, mud, dirt etc.

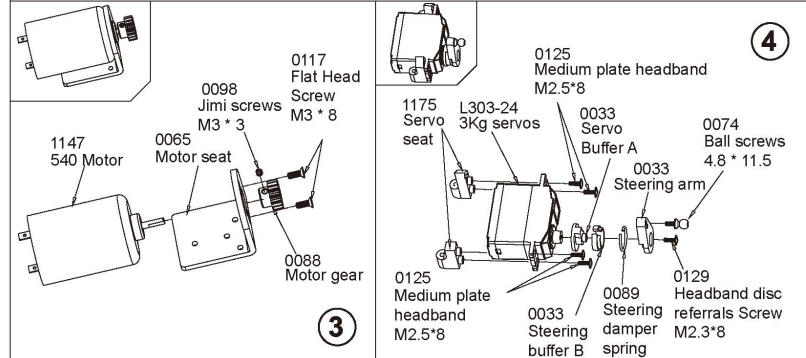
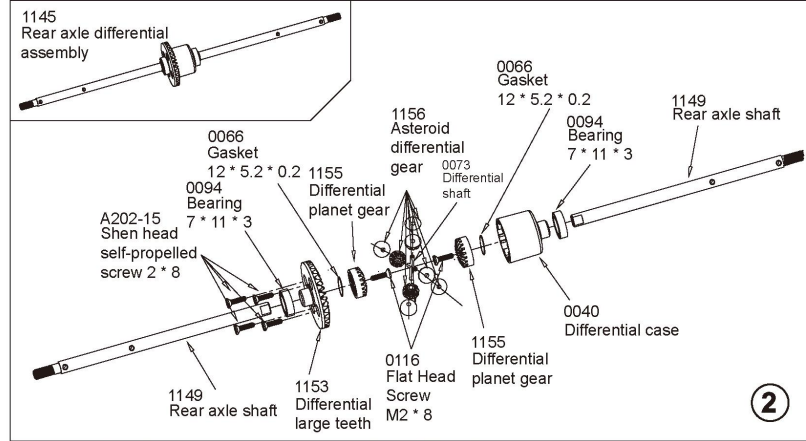
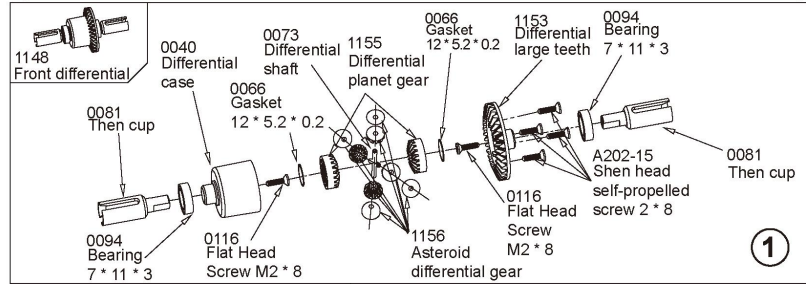


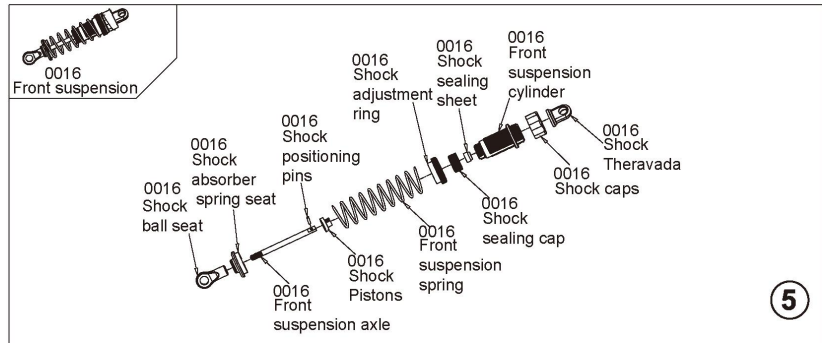
Metal outside should apply the rust prevention oil.



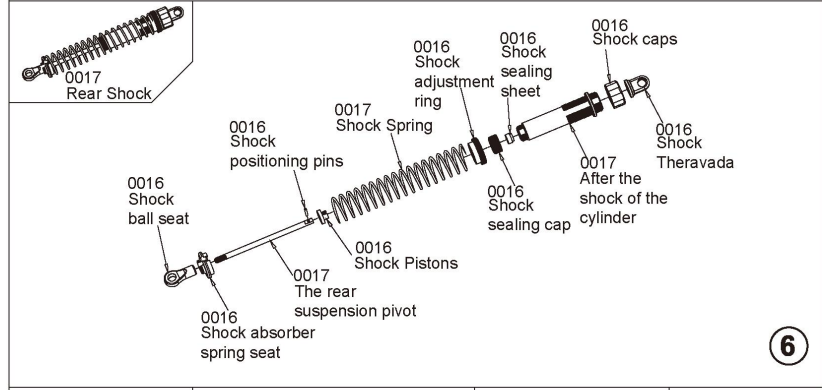
Store the car and batteries separately when not in use.

Assembly Exploded Diagram

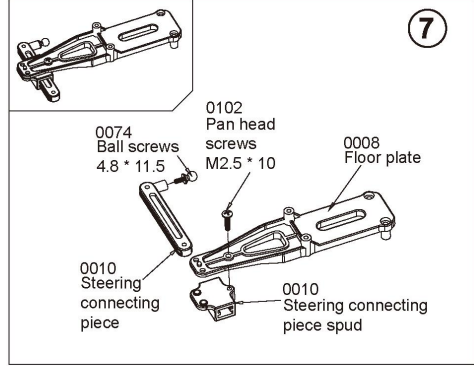




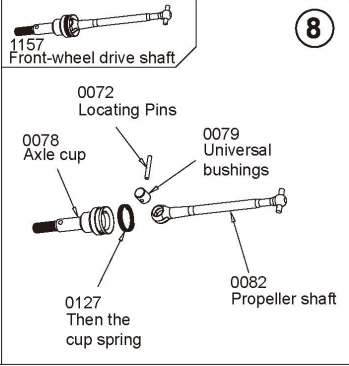
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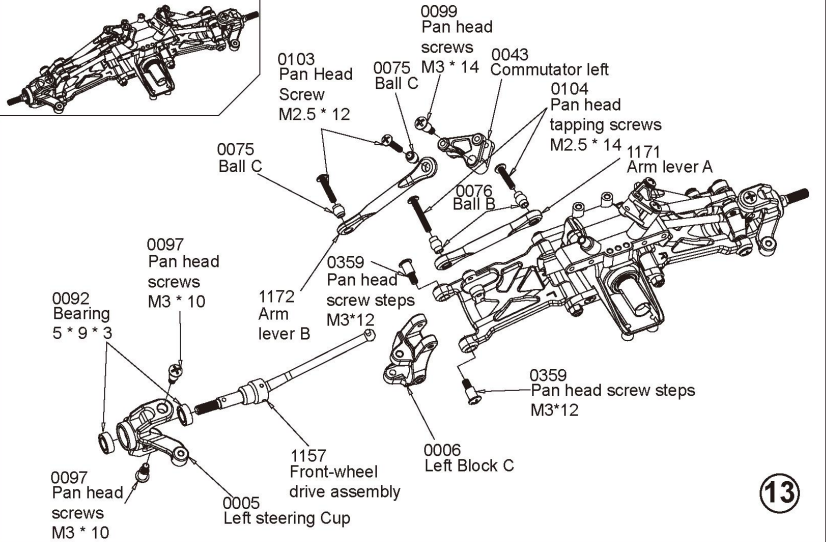
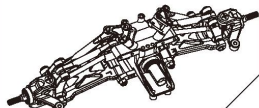
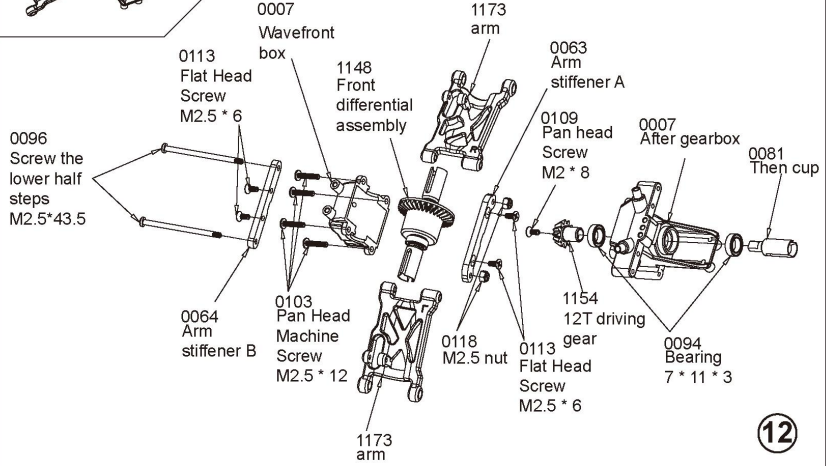
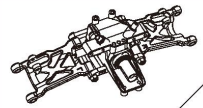
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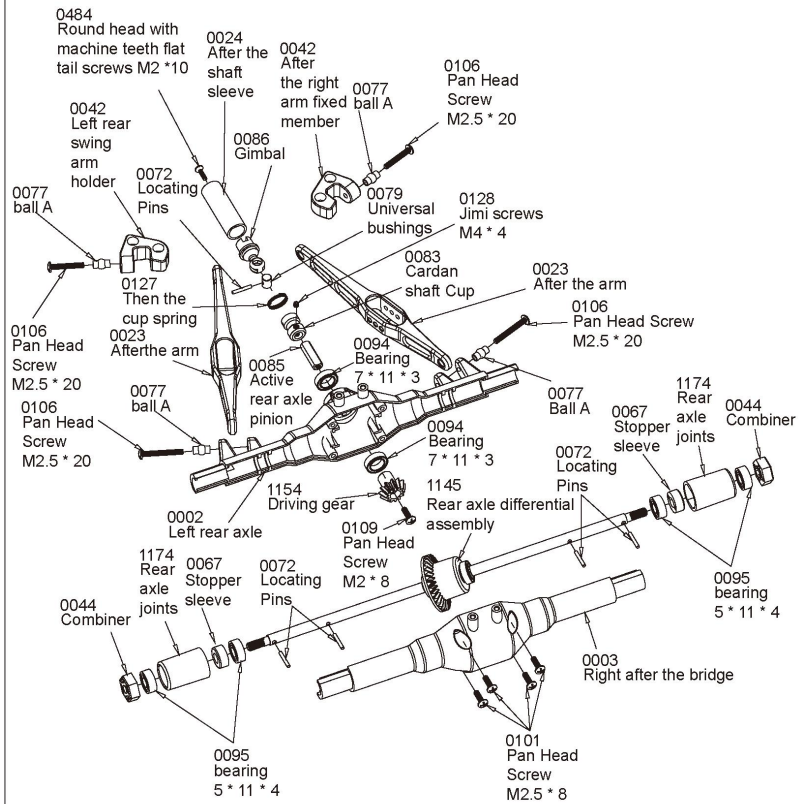
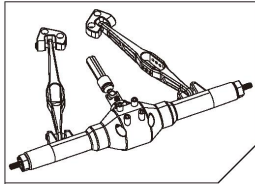


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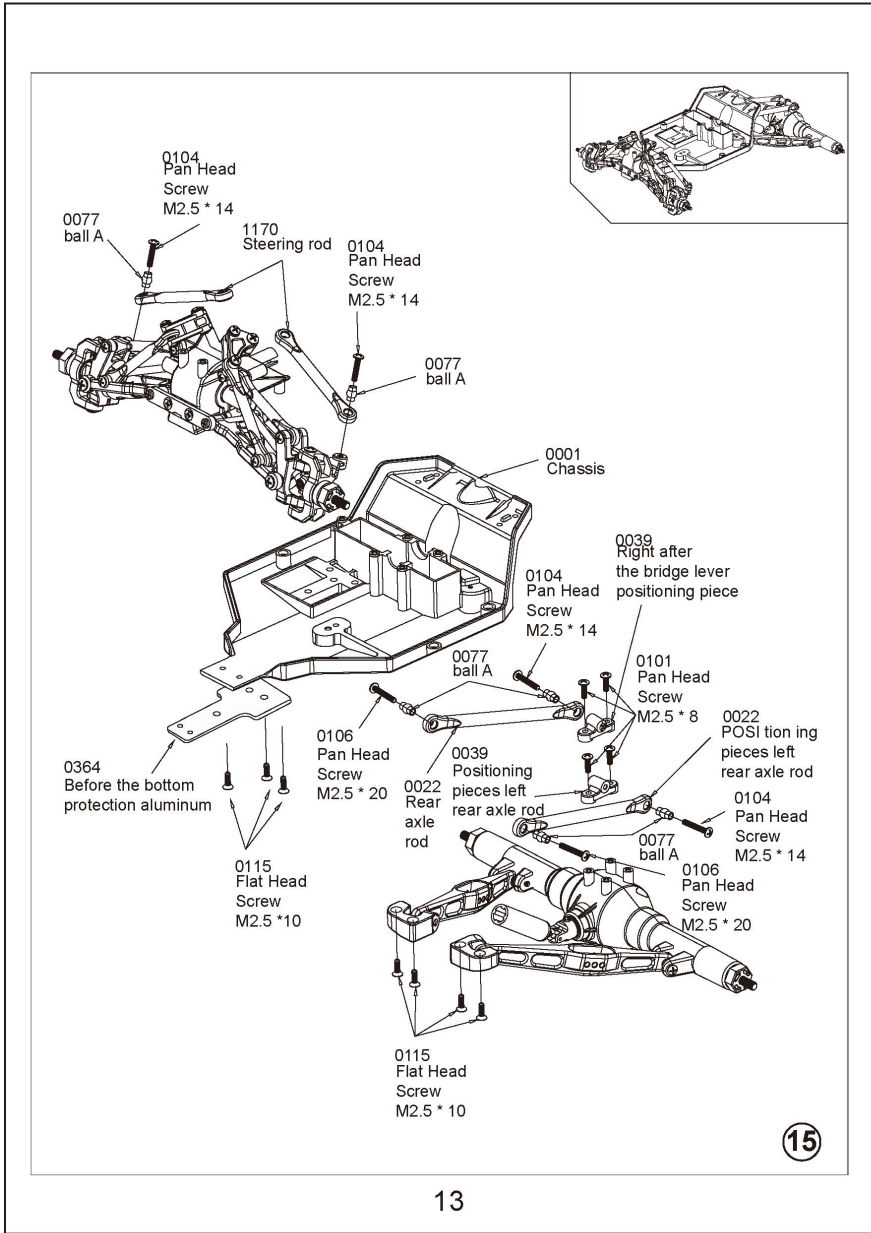


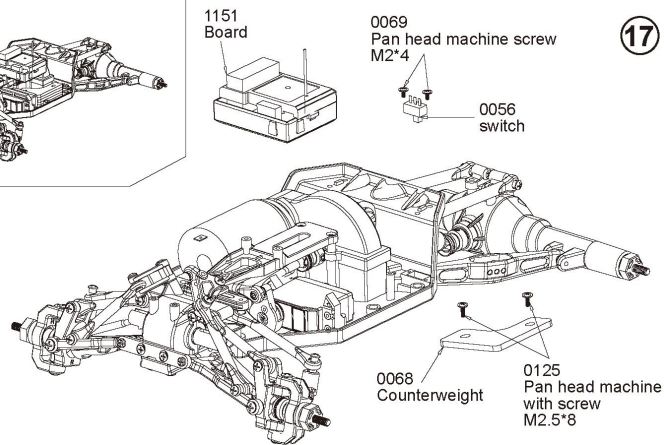
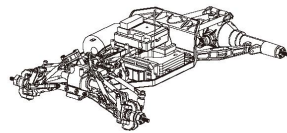
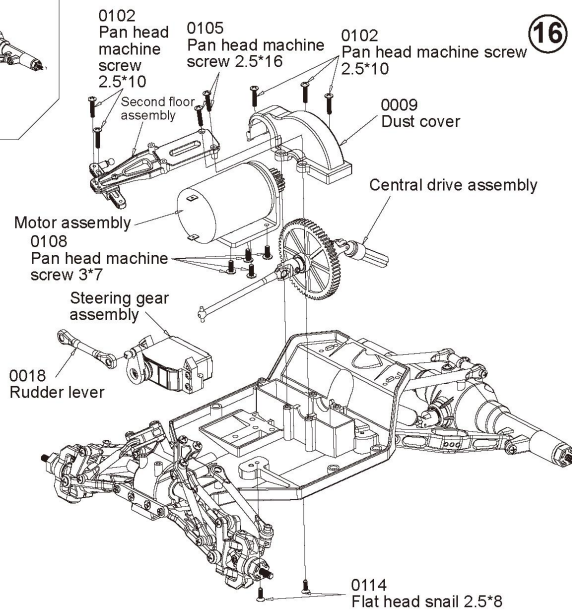
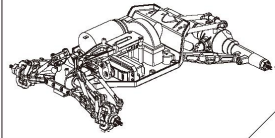
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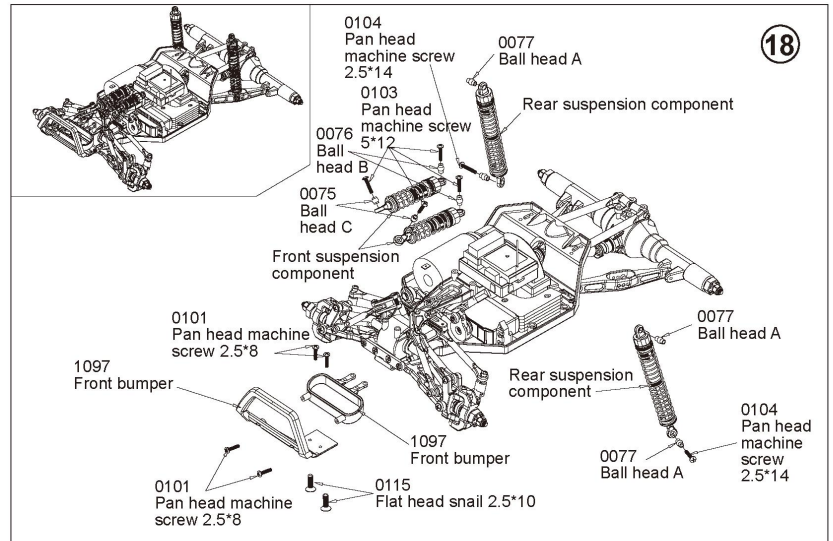




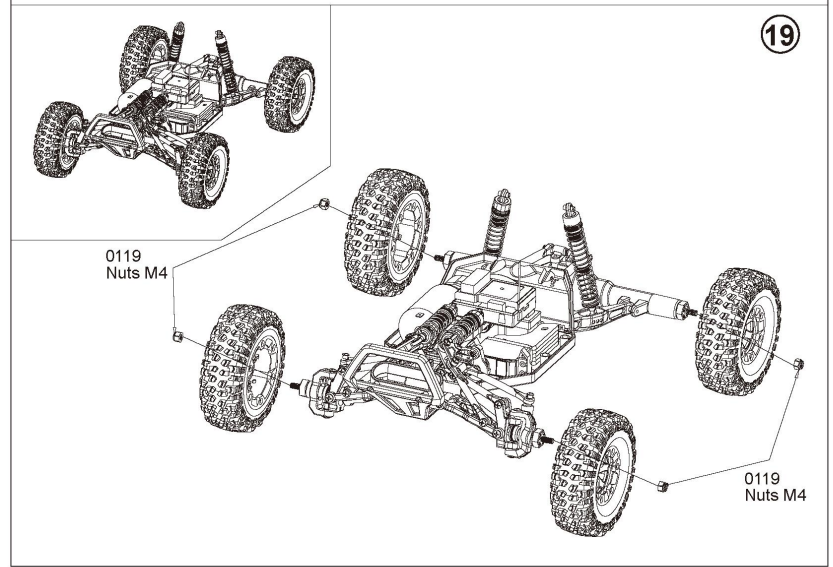
14



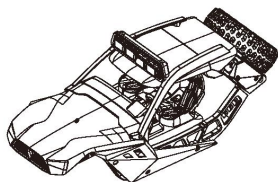




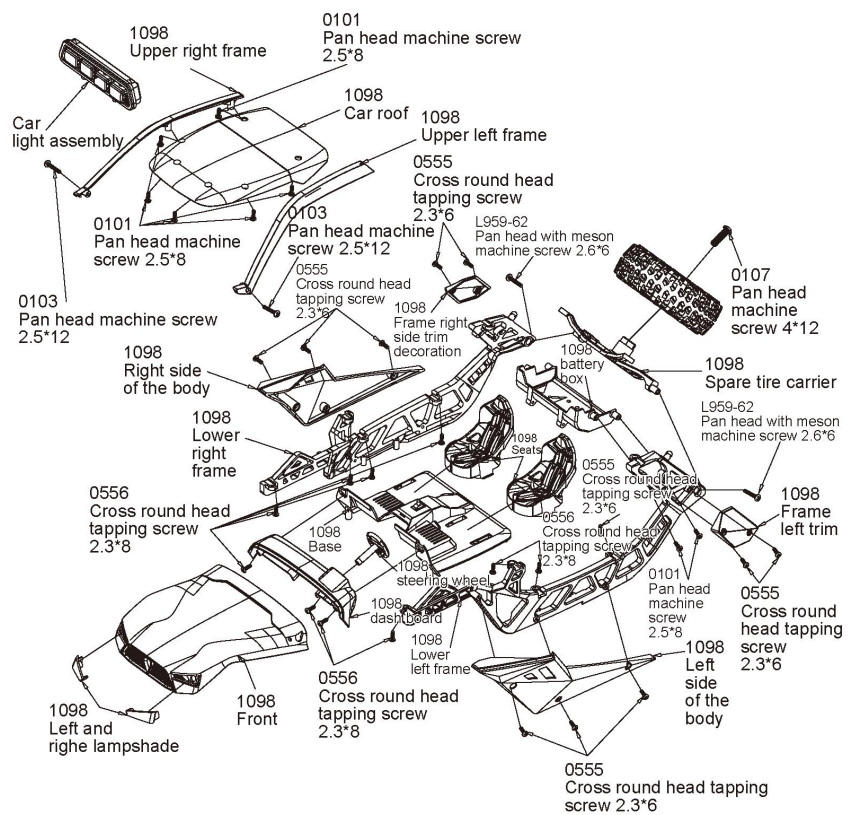
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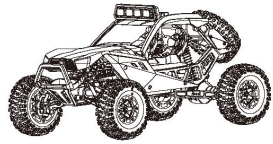


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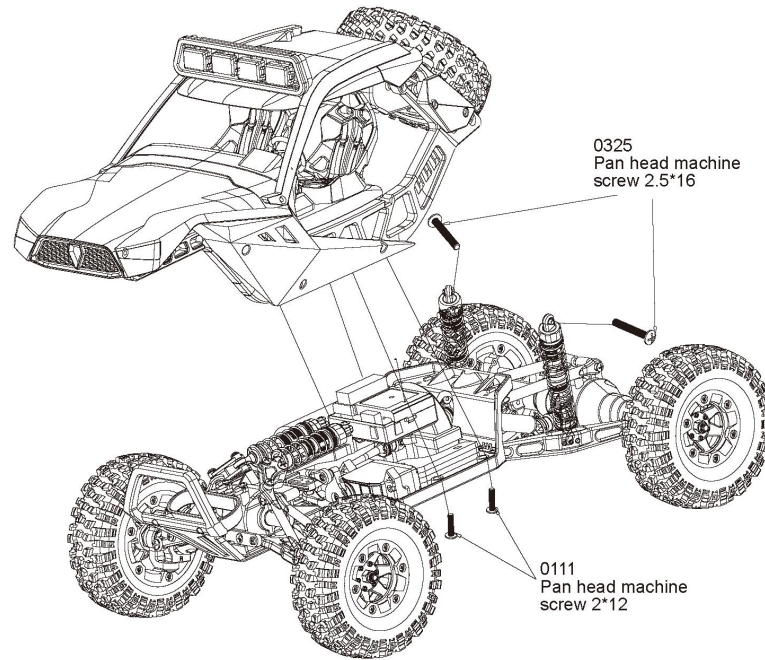


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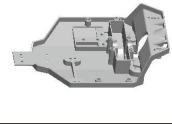


21



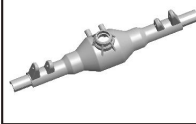
Sale parts view

0001



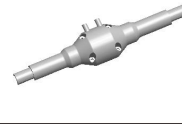
Chassis

0002



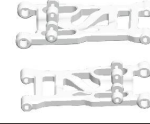
Left rear axle

0003



Right after the bridge

1173



arm

0005



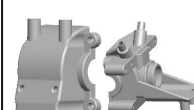
Left/Right
steering Cup

0006



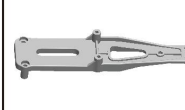
Left/Right Block C

0007



Wavefront box

0008



Floor board
assembly

0009



Dust cover

0010



Steering
connecting piece

1153



Differential
planet teeth

1154



12T driving gear

1155



Differential
planet gear

1156



Asterold
differential gear

0015



Reduction gear

0016



Front suspension

0017



Rear Shock

0018



Steering rod

1170



Steering rod

1171



Arm leverA

Sale parts view

1172



Arm lever B

0022



Rear axle rod

0023



After the arm

0024



After the shaft sleeve

0025



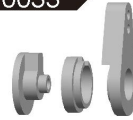
After the drive shaft

1175



Servo seat

0033



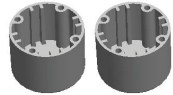
Steering arm

0039



Left/Right after the bridge lever positioning piece

0040



Differential case

1174



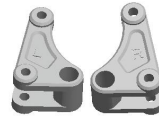
Rear axle joints

0042



Left/Right Rear swing arm holder

0043



Left/Right Commutator left

0044



Combiner

K949-03



Hub

K949-04



Wheel hub cover

A202-15



Shen head self-propelled screw 2 * 8

K949-05



Sponge

1151



Circuit board

K949-02



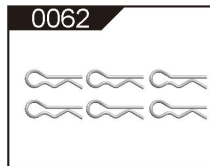
Tire

0760



Pan head machine screw M2X6

Sale parts view



0062
Car shell folder



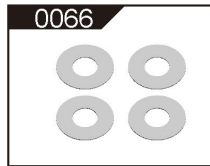
0063
A swing arm stiffener



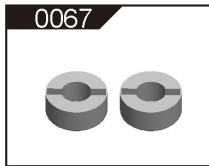
0064
Arm strengthen
slice B



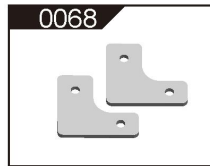
0065
Motor seat



0066
Gasket
12 * 5.2 * 0.2



0067
Shock
adjustment ring



0068
Counterweight



0069
M2 * 4 screws



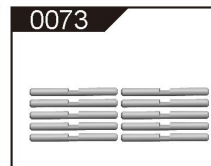
L959-62
Cross round head
tapping screw
ST2.6x6



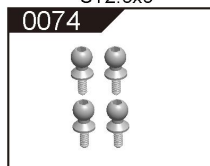
K949-94
Cup head hex head
machine 2X6HM



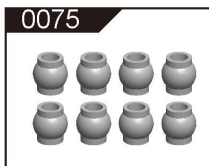
0072
Locating Pins



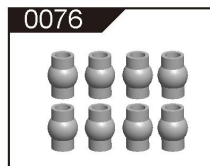
0073
Differential shaft



0074
Ball screws 4.8*11.5



0075
Ball C



0076
Ball B



0077
Ball A



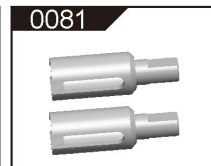
0078
Axle cup



0079
Universal
bushings



1144
Rear drive assembly



0081
Then cup

Sale parts view

0082



Central shaft

0083



Cardan shaft Cup

0084



Reduction pinion

0085



Active rear axle pinion

0086



Gimbal

1149



Rear axle shaft

0088



Motor gear

0089



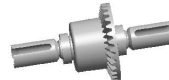
Steering damper spring

1157



Front-wheel
drive shaft

1148



Front differential

0092



Bearing 5*9*3

0093



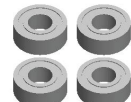
Bearing 8*12*3.5

0094



Bearing 7*11*3

0095



Bearing 5 * 11 * 4

0096



Screw the lower
half steps M2.5*40

0097



Pan head screws
M3*10

0098



Jimi screws
M3*3

0099



Pan head screws
M3*14

0100



Dish headband
mediated M2*8

0101



Pan Head Screw
M2.5*8

Sale parts view

0102



Pan Head Screw
M2.5*10

0103



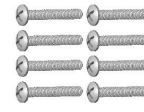
Pan Head Screw
M2.5*12

0104



Pan Head Screw
M2.5*14

0105



Pan Head Screw
M2.5*16

0106



Pan Head Screw
M2.5*20

0107



Pan Head
Screw M4*12

0108



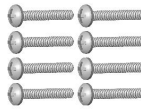
Pan Head Screw
M3*7

0109



Pan Head Screw
M2*8

0111



Pan HeadScrew
M2*12

0113



Flat Head Screw
M2.5*6

0114



Flat Head Screw
M2.5*8

0115



Flat Head Screw
M2.5*10

0116



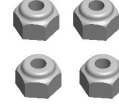
Flat Head Screw
M2 * 8

0117



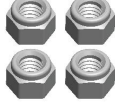
Flat Head Screw
M3*8

0118



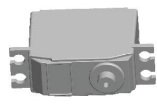
M2.5 nut

0119



M4 nut

L303-24



3Kg servos

1147



540 Motor

0122



Headlight

0123



Battery

Sale parts view

1146



USB charging wire

0125



Medium plate headband
M2.5*8

0127



Then the cup spring

0128



Jimi screws M4 * 4

0129



Headband disc
referrals Screw M2.3*8

0132



Climbing car headlights

1145



After the differential
component

0325



Pan head with dielectric
tooth machine screws
M2.5 * 16

1176



remote control

0359



Pan head screw steps
M3*12

0364



Before the bottom
protection aluminum

0476



Rear drive shaft
assembly

0477



Rear drive sleeve
assembly

0478



Central drive shaft
assembly

0483



Cross round machine
screw M2*25

0484



Round head with
machine teeth flat
tail screws M2*10

0781



Cardan shaft cup
assembly

0334



Cup head hex head
machine 2X8HM

0555



Cross round head
tapping screw ST 2.3x6

0556



Cross round head
tapping screw ST 2.3x8

Sale parts view

1097



Front bumper

1098



Car shell assembly