

1:10 Electric 4WD Climbing car



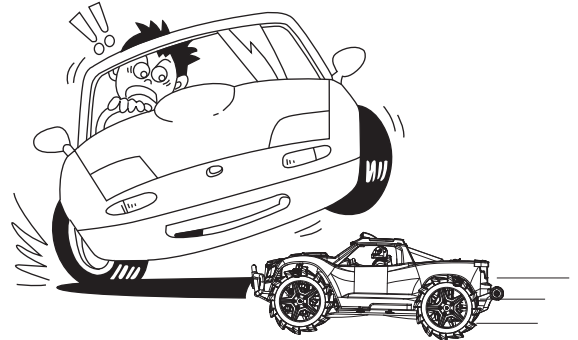
Caution: This model is not a toy, It is designed for user over 14 years of age.

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 104009

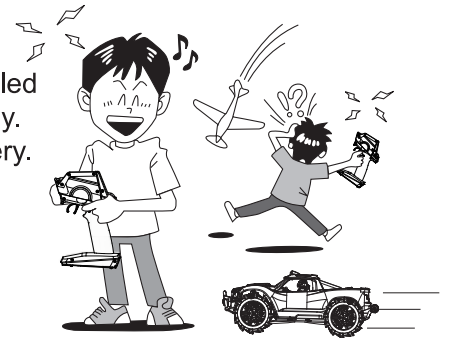
Safety and Cautions

- *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.



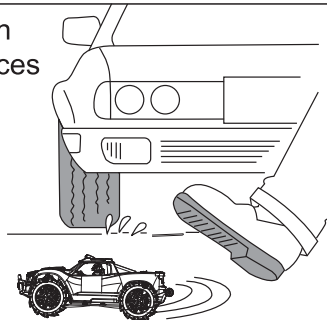
Cautions when handling batteries

- *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.



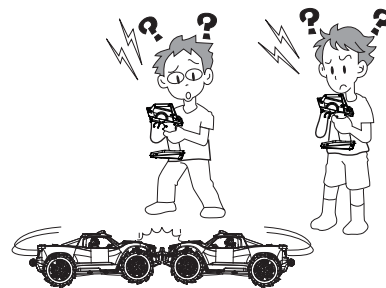
As the front end of the antenna may be dangerous, do not aim it toward faces.



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.

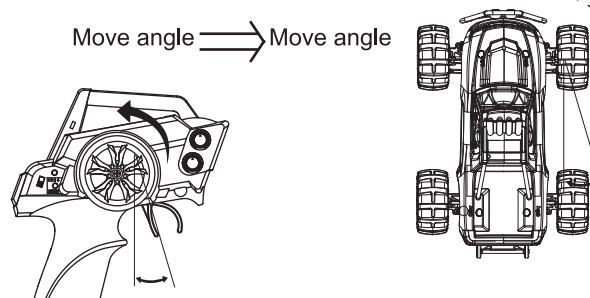
- * Apart the charger and toy before clean.
- * As the front end of the antenna may be dangerous,do not aim it toward anyone's body,face or eyes.
- * Batteries are to be inserted with the correct polarity.
- * Use the "AA" non-rechargeable or "AA" rechargeable batteries.
- * Non-rechargeable batteries 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

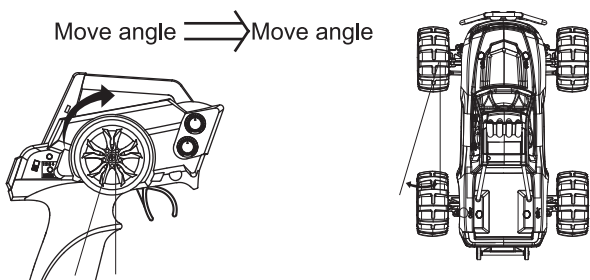
- ★Type: 1:10 Electric 4WD Climbing car
- ★Product size:380*275*195mm
- ★Wheelbase:230mm
- ★The minimum distance of front and rear wheel: 125mm
- ★Ground clearance:50mm
- ★Transmission ratio:1:10.28
- ★Tire diameter: 105MM;wheel width:52mm
- ★ESC receiving server:three in one circuit
- ★Motor:550 brush motor
- ★Remote control: 2.4G Remote control
- ★Remote control distance:≥100M
- ★Remote control battery: 4AA batteries (not included)
- ★Battery: Lithium battery 7.4V 1500 mAh
- ★Charger: lipo balance
- ★Charging time:3 hours
- ★Use time: 8 minutes
- ★Server:6kg servos
- ★Car shell: antiknock PVC printing car shell, beautiful Crashworthiness
- ★Driving speed: 45km/h.

Proportional R/C Using Instruction

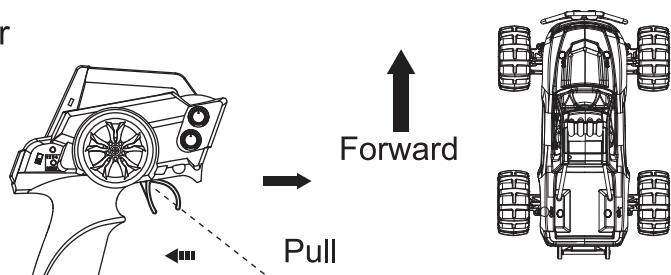
- ① Turn left the steering wheel,the car will turn left.Turing left angle can be adjusted by the degree of wheel twisting.



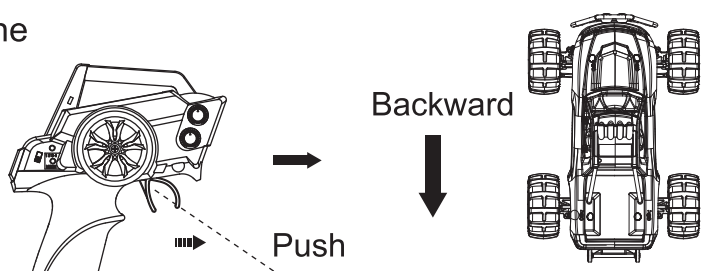
- ② Turn right the steering wheel,the car will turn right.Turing right angle can be adjusted by the degree of wheel twisting.



- 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.

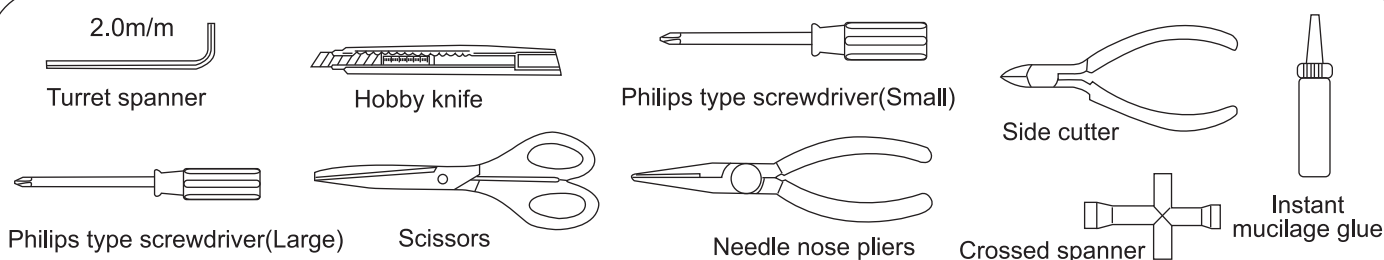


- ④ Loosen the trigger to make it return the neutral position when brake. Push the throttle trigger forward,the car will backward.Adjusting forward angle of throttle trigger adjust backward speed of the car.



Introduce the common tools and assemble the electron parts

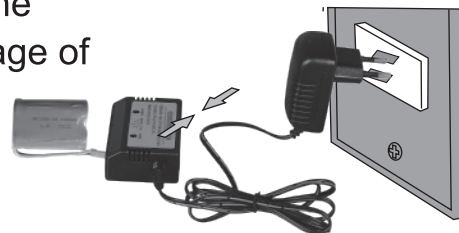
Tools needed for assembly



Charge caution

CHARGING BATTERY

- 1) Please firstly check and confirm input voltage of the charge is consistent with local voltage, output voltage of the charge is consistent with battery voltage.
- 2) Battery must be used up before you charge, Charging time is not more than 3 hours.
- 3) Be careful to make sure there is adult to control when charging.



Assemble the electron parts

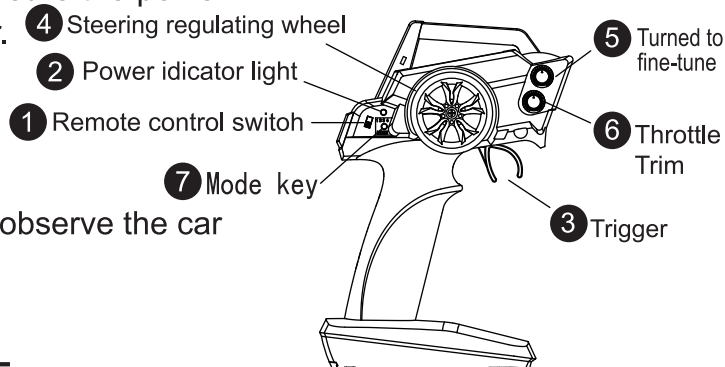


PRACTICE AND MAINTENANCE

Operating program

1> Turn on the switch ① of transmitter and make sure the power indicator is ② steady light, then turn on the car.

2> Slip the trigger ③ of transmitter slowly, you can observe the car whether it can go ahead or go back.



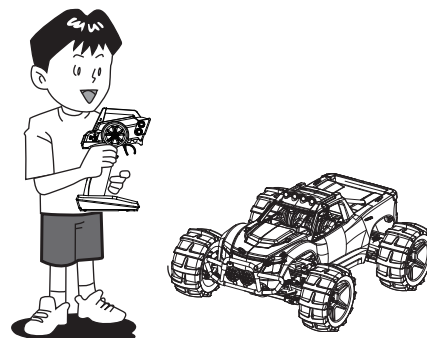
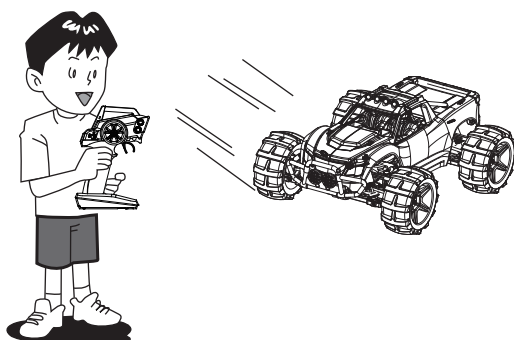
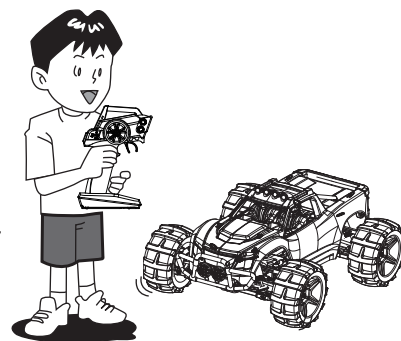
3>Turn steering regulating wheel ④ of transmitter to left or right,and make sure the steering of front wheels follow the instruction.

4>Put the car on the ground and stand behind the back of the car.
Squeeze the throttle trigger ③ of transmitter gently.If the car does not move in a straight line,you can adjust the trim ⑤ of transmitter until the car moves in a straight line.

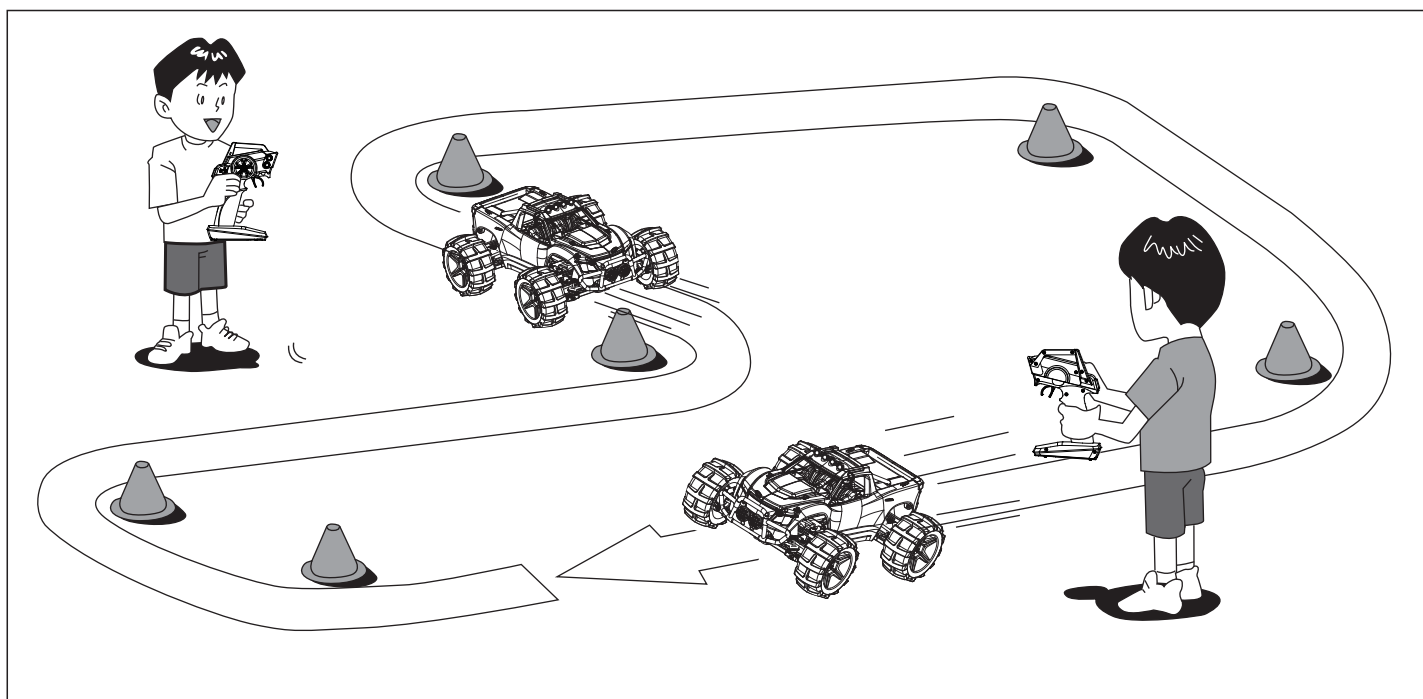
5>Throttle trim key ⑥ , turn clockwise, the car became faster and faster; counterclockwise rotation, the speed will slow down.

6>Econometric model ⑦, the car is driving mode button, the car is no such function

7>OK,ready to run

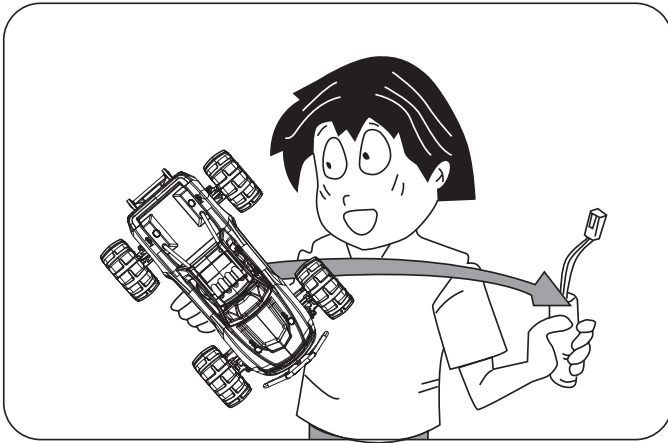


Practice

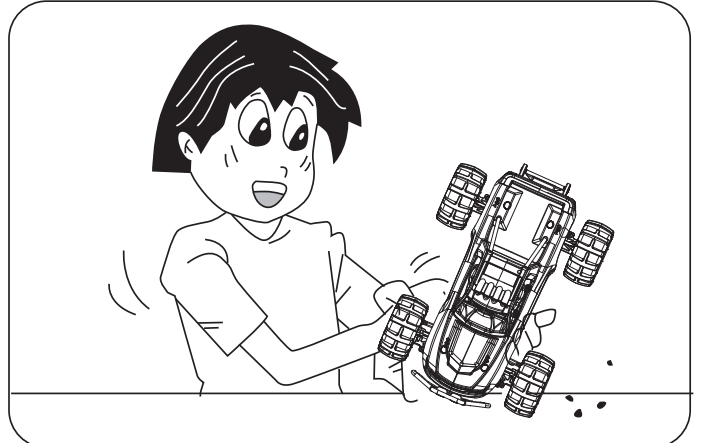


Let's practice!Make R/C car circuit at a wide and safe location using corner pylons(separately available),empty cans or such.Running fast at straight section and slow down at curved section is a basic speed control technique useful when driving R/C car.

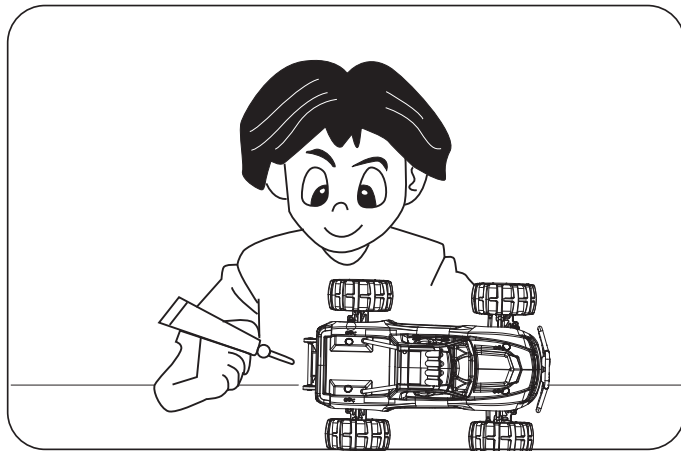
Maintain



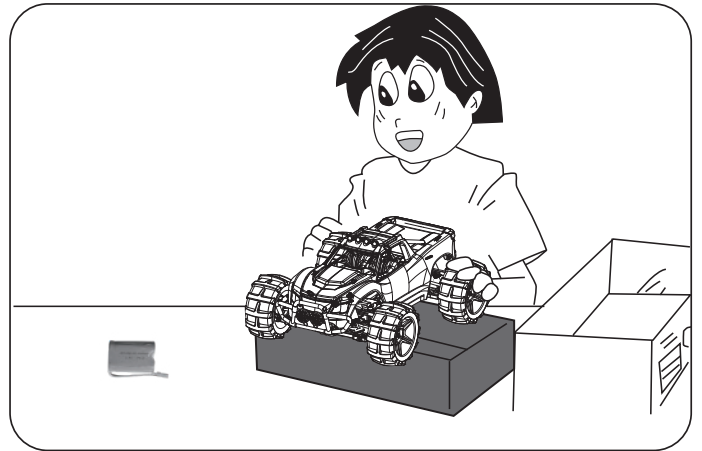
When the car is not in use, you should remove the battery from the car.



Completely remove sand, mud, dirt etc.

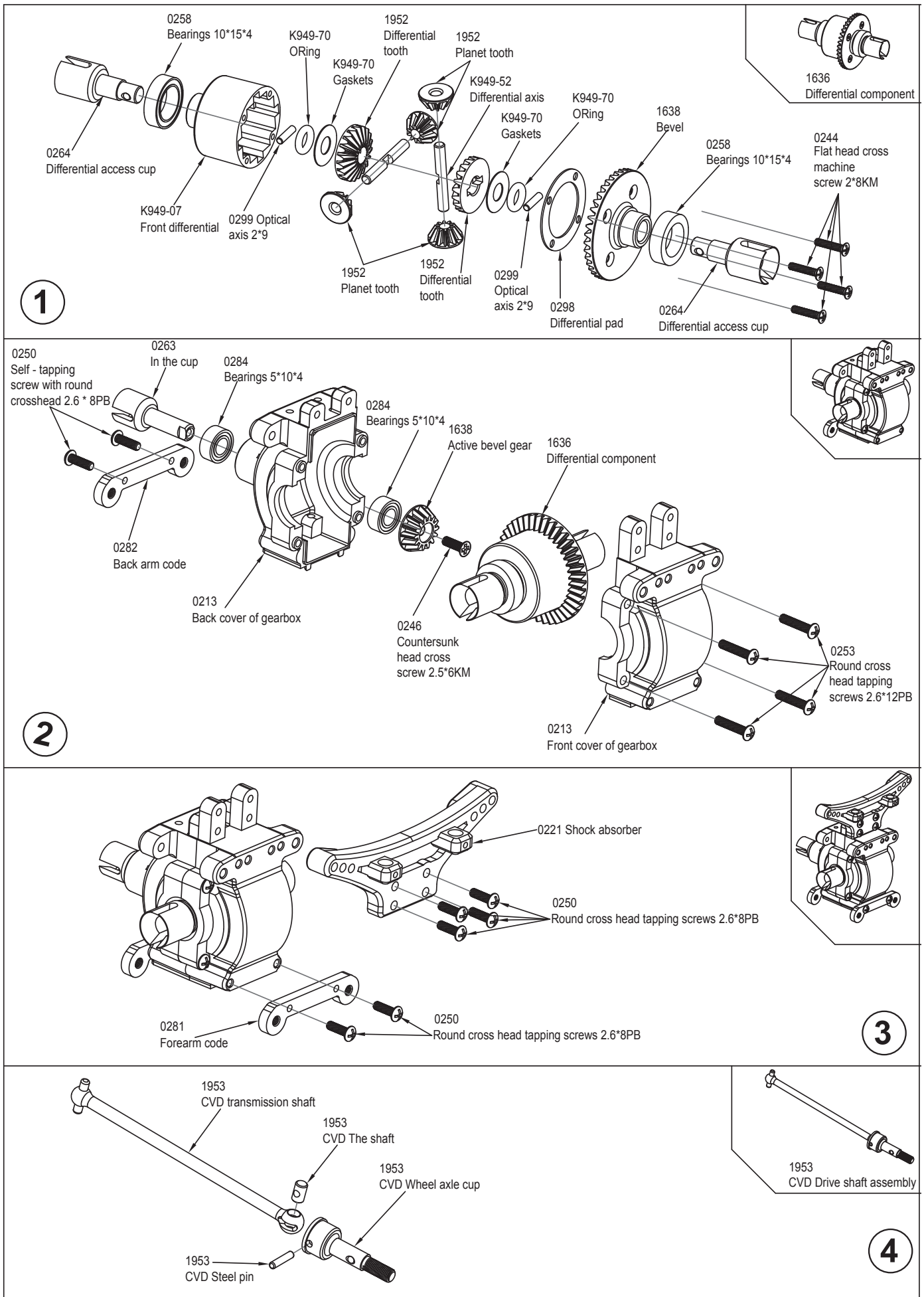


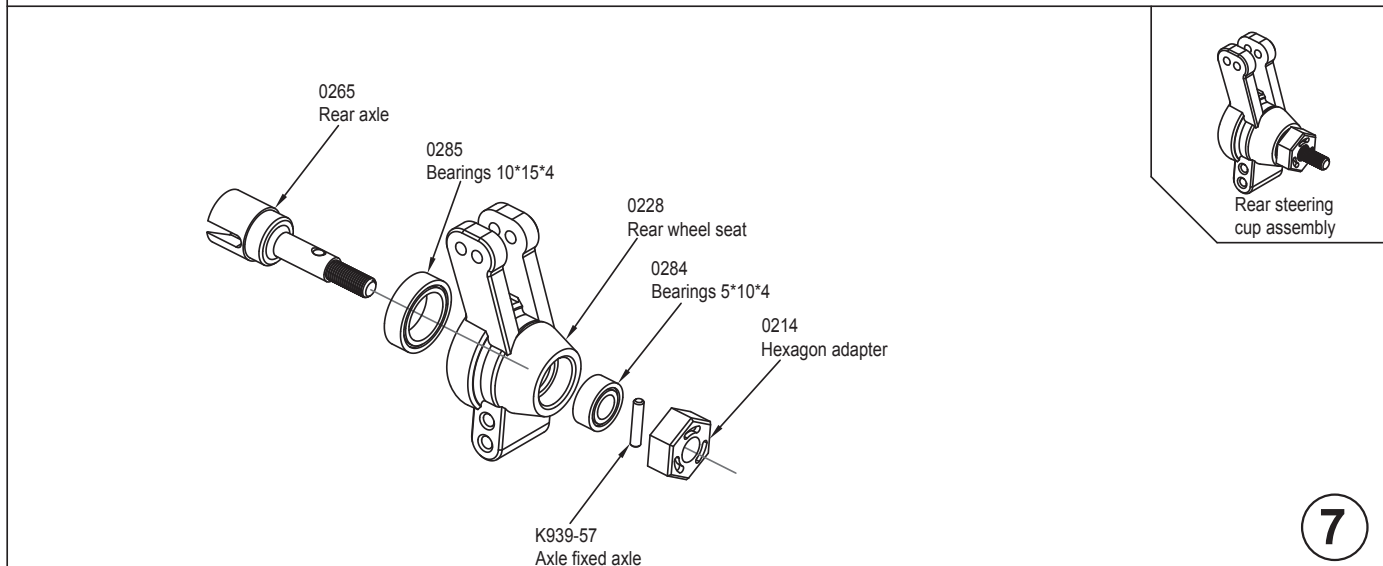
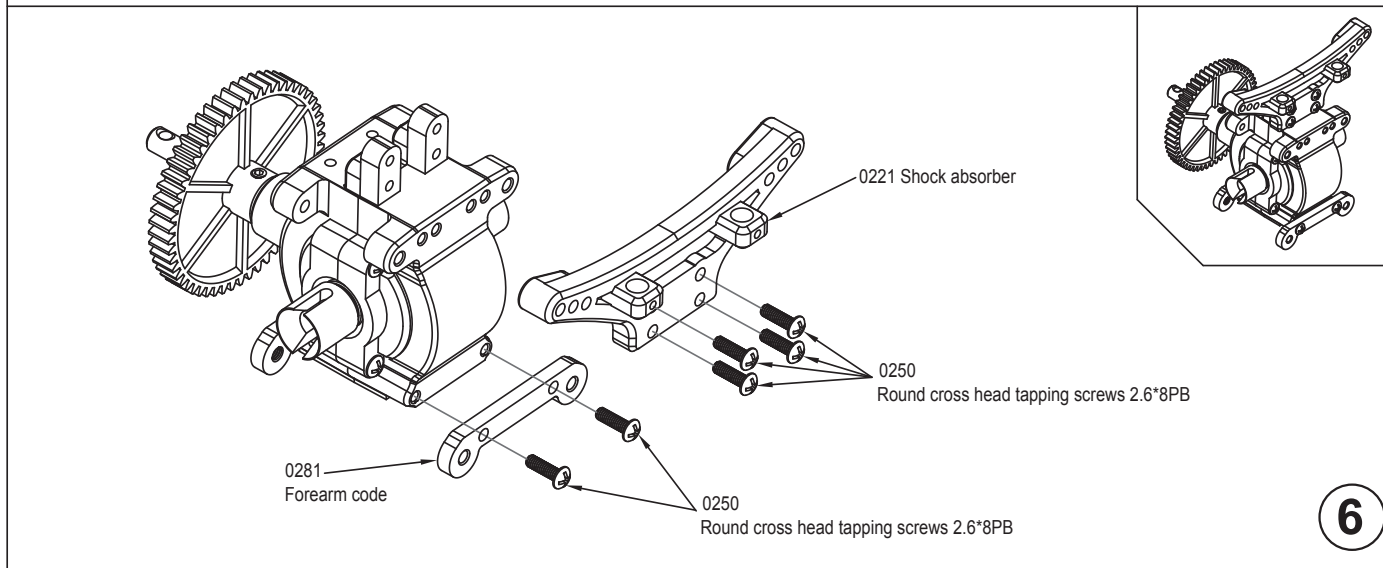
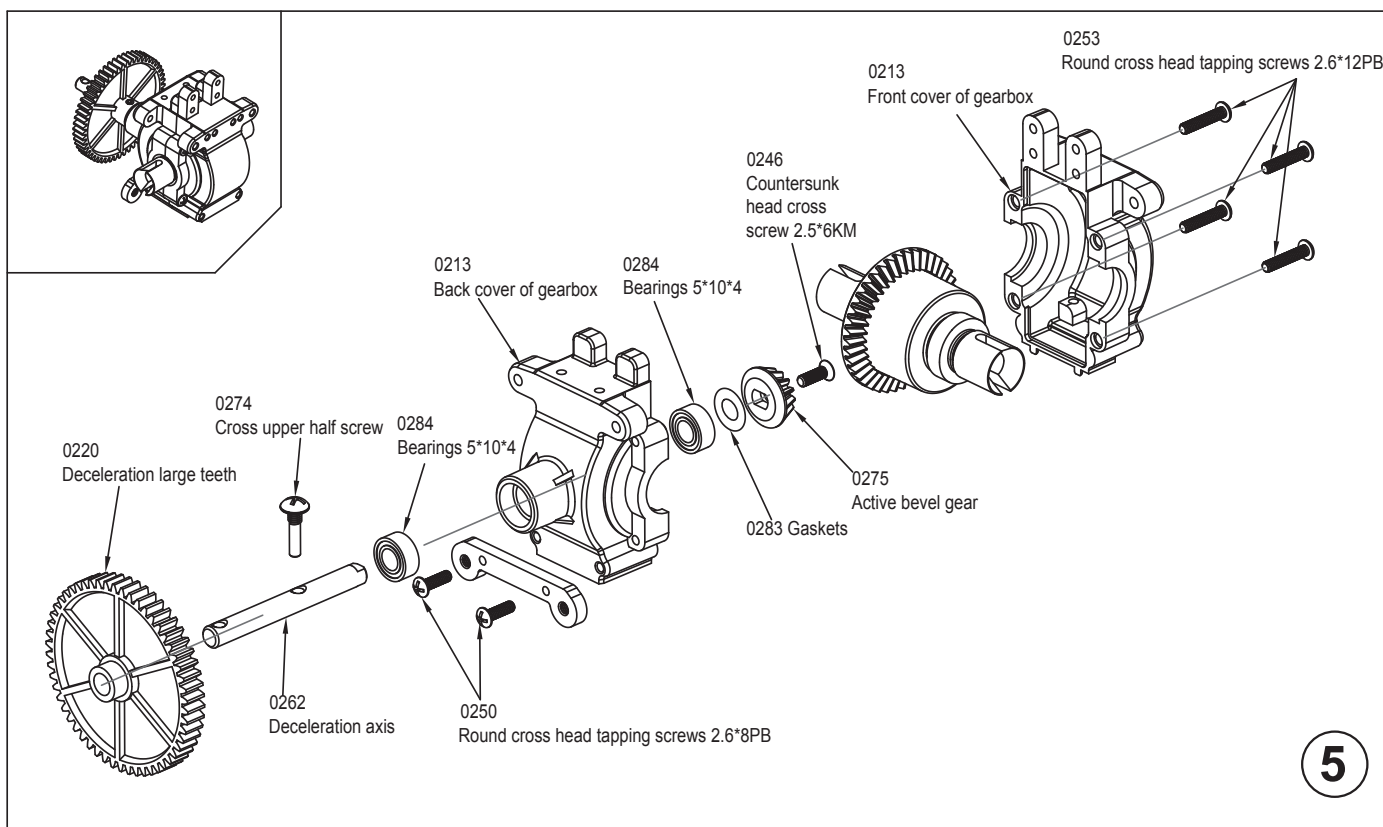
Metal outside should apply the rust prevention oil.

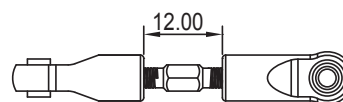
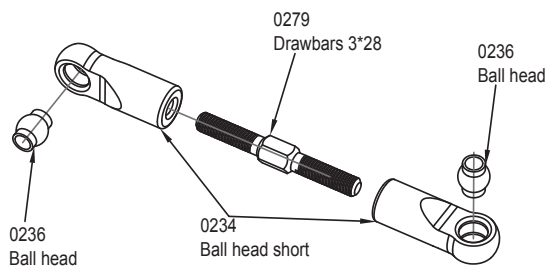


Store the car and batteries separately when not in use.

Assembly Exploded Diagram

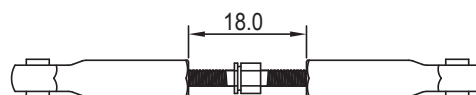
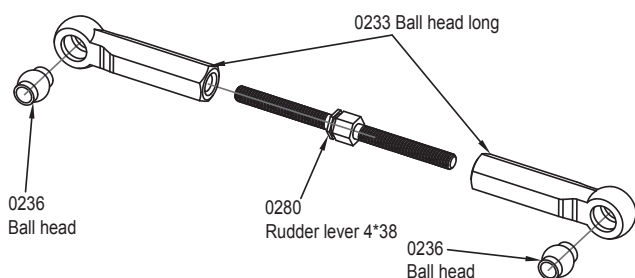






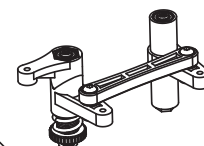
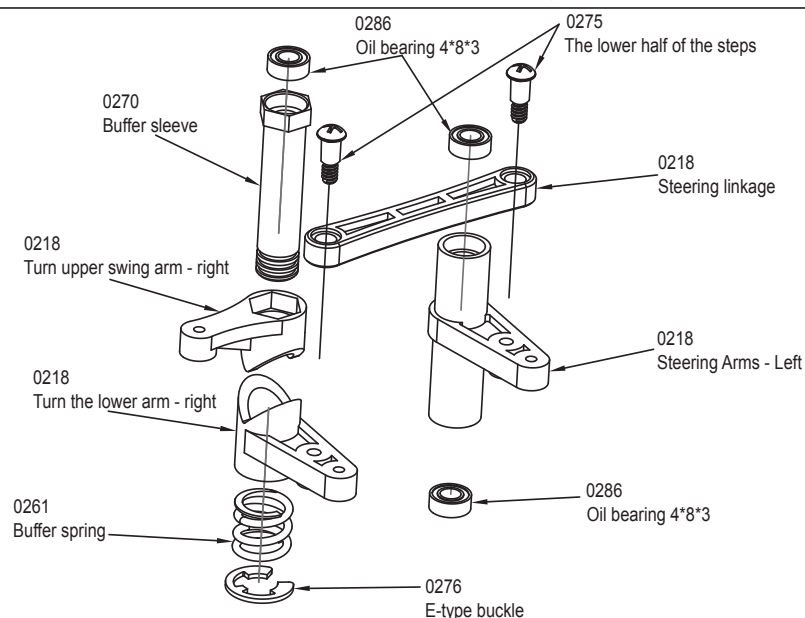
Rudder rod assembly

8



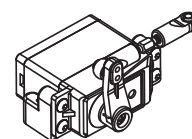
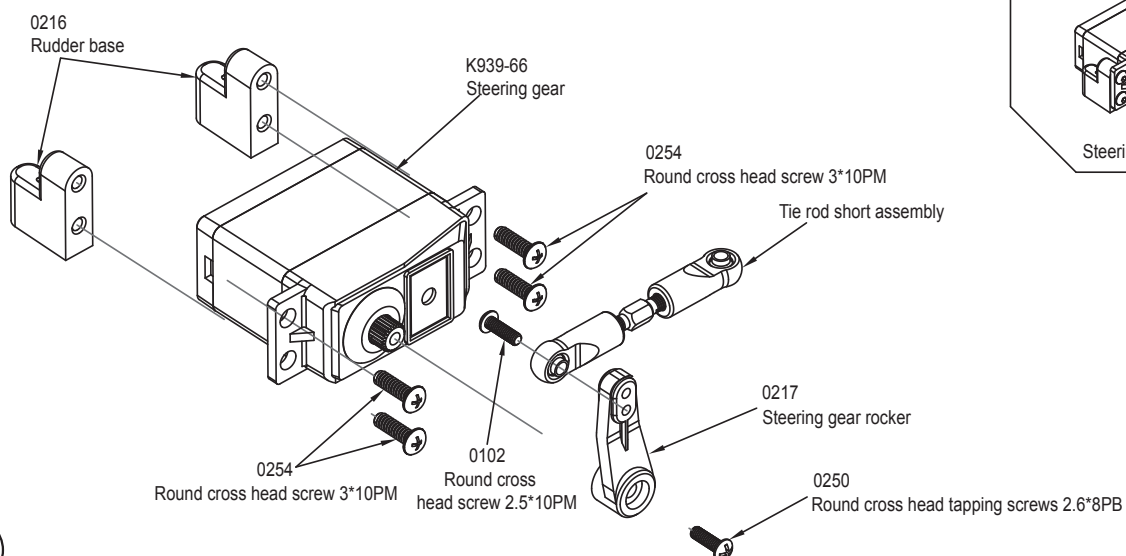
Steering rod assembly

9



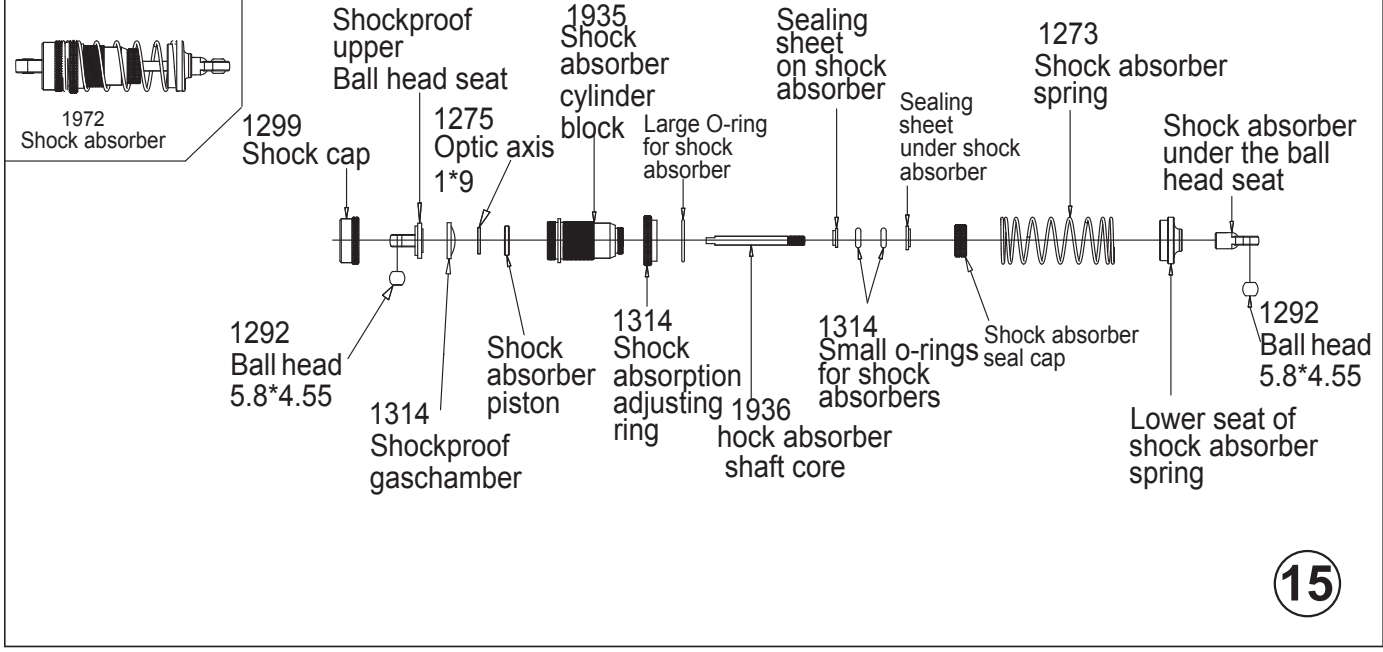
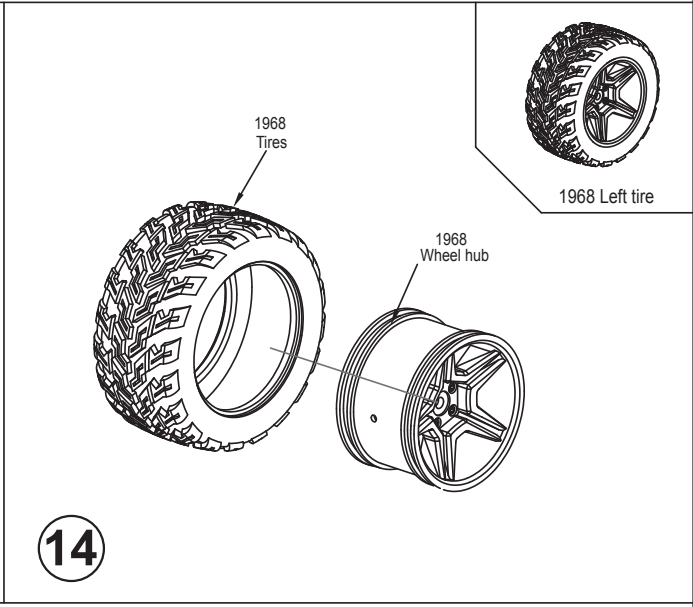
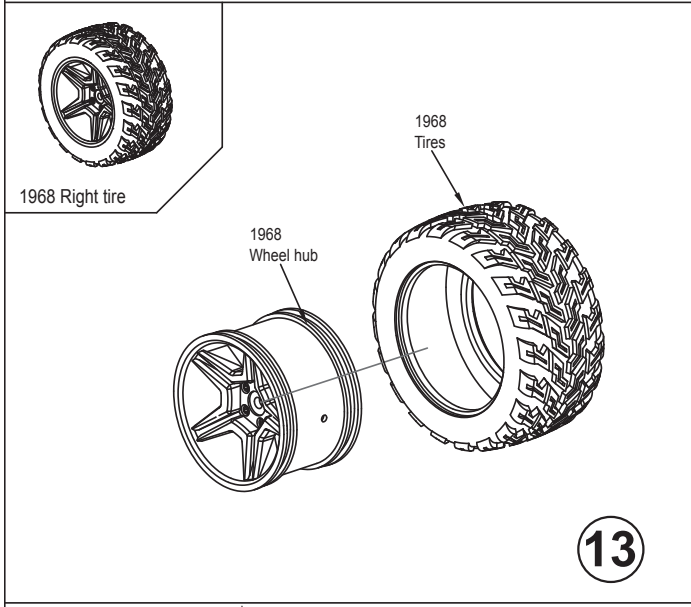
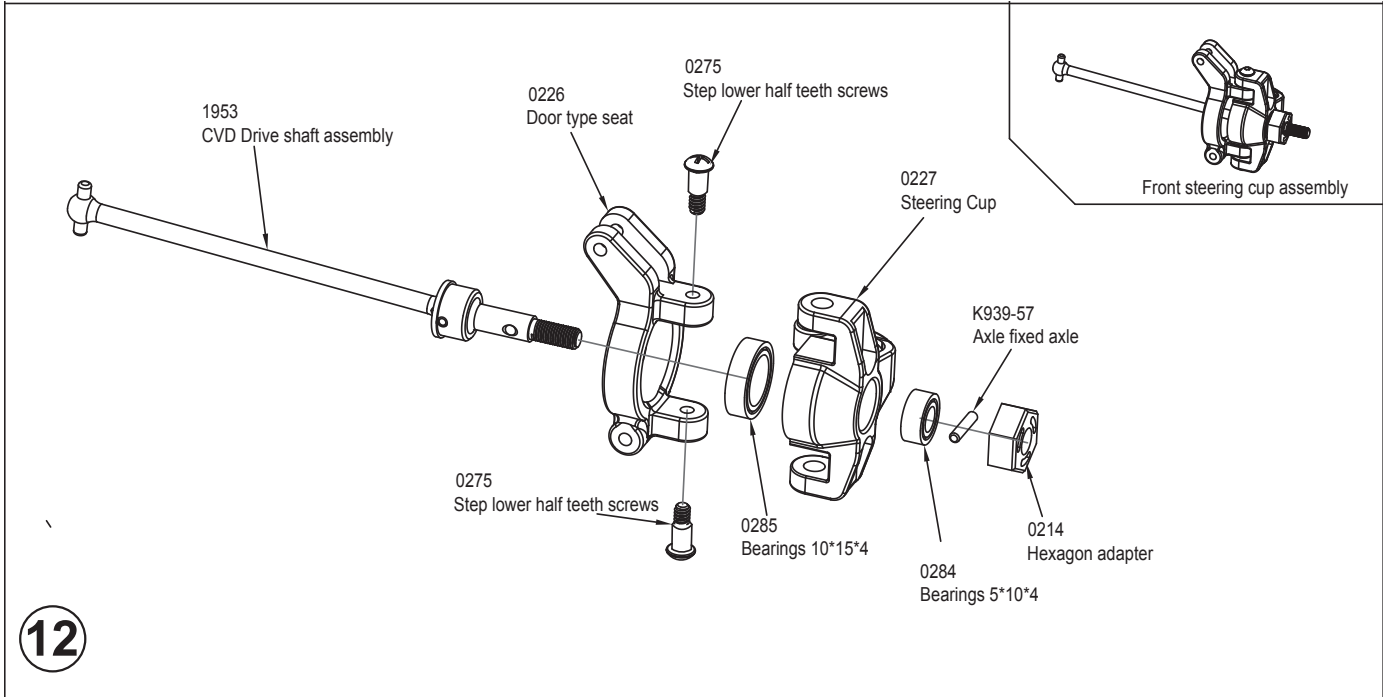
Steering assembly

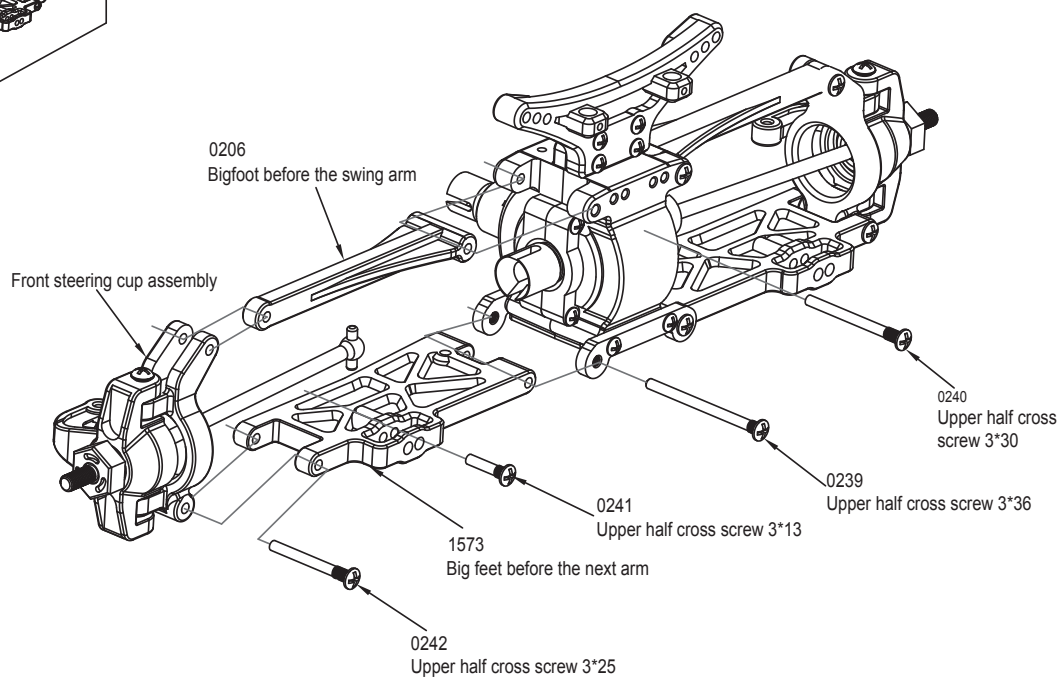
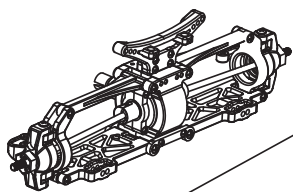
10



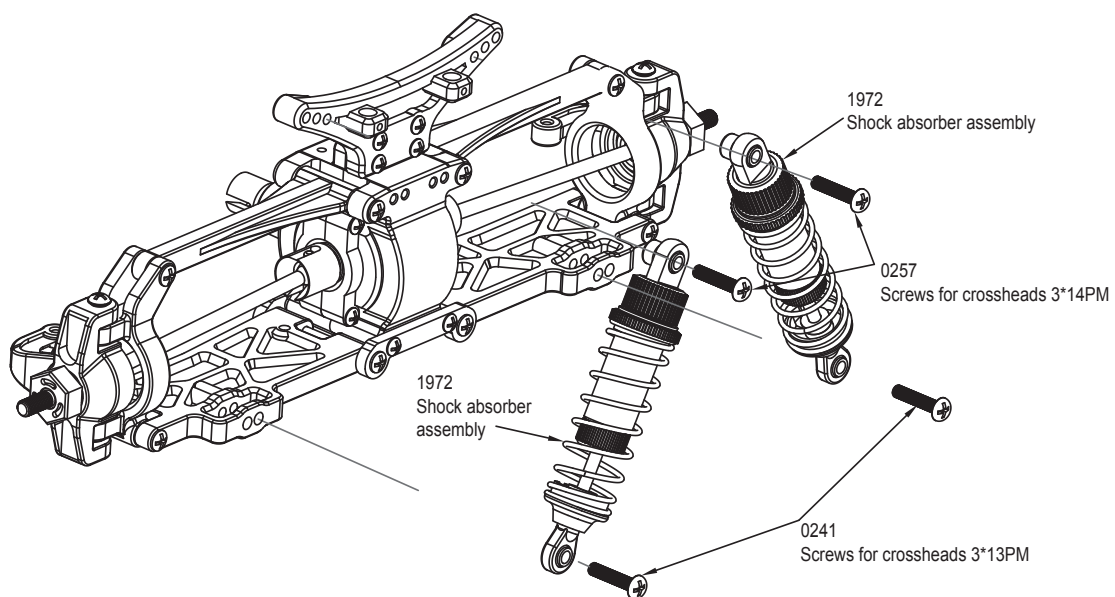
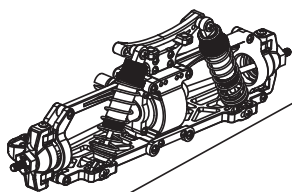
Steering gear assembly

11

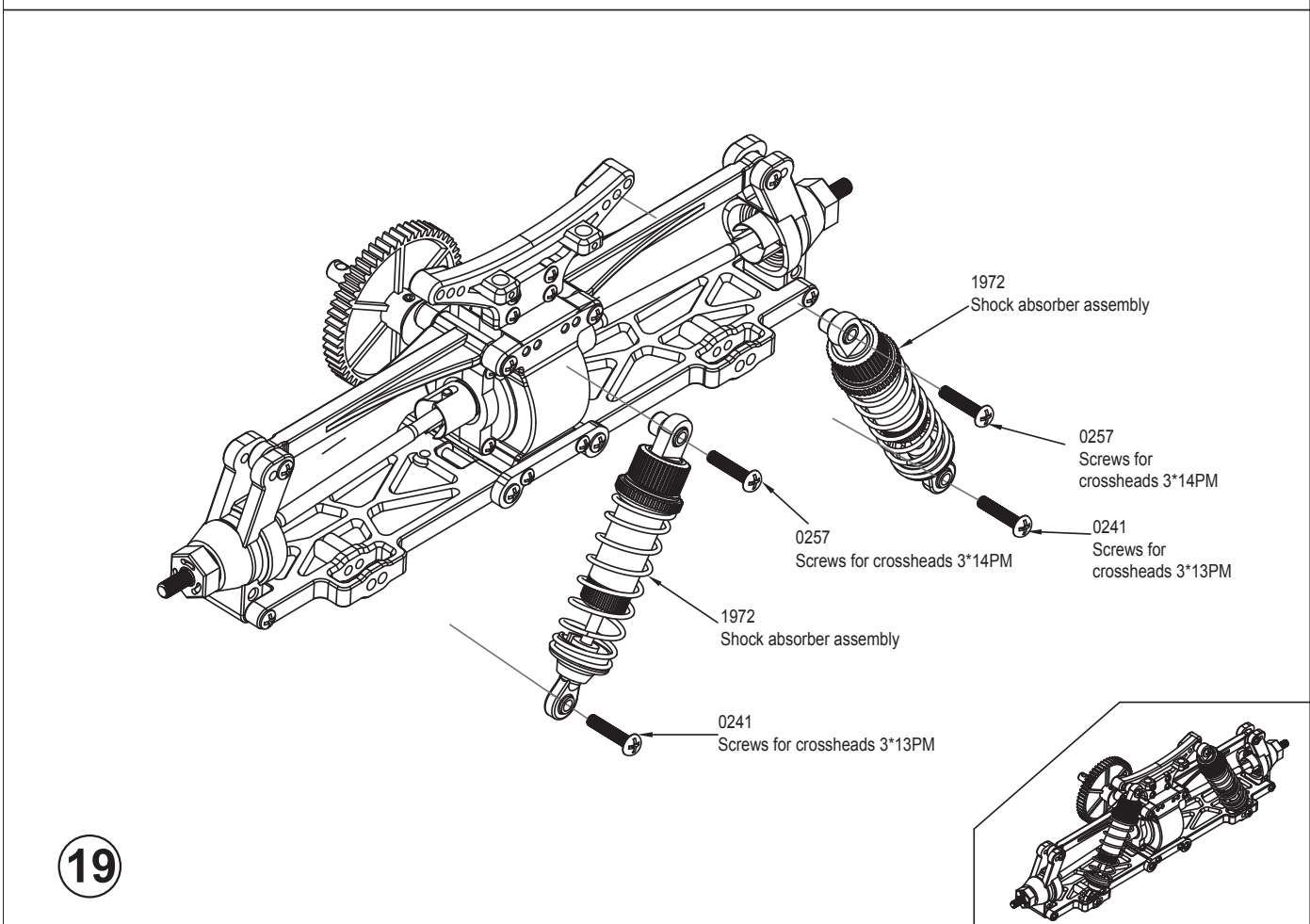
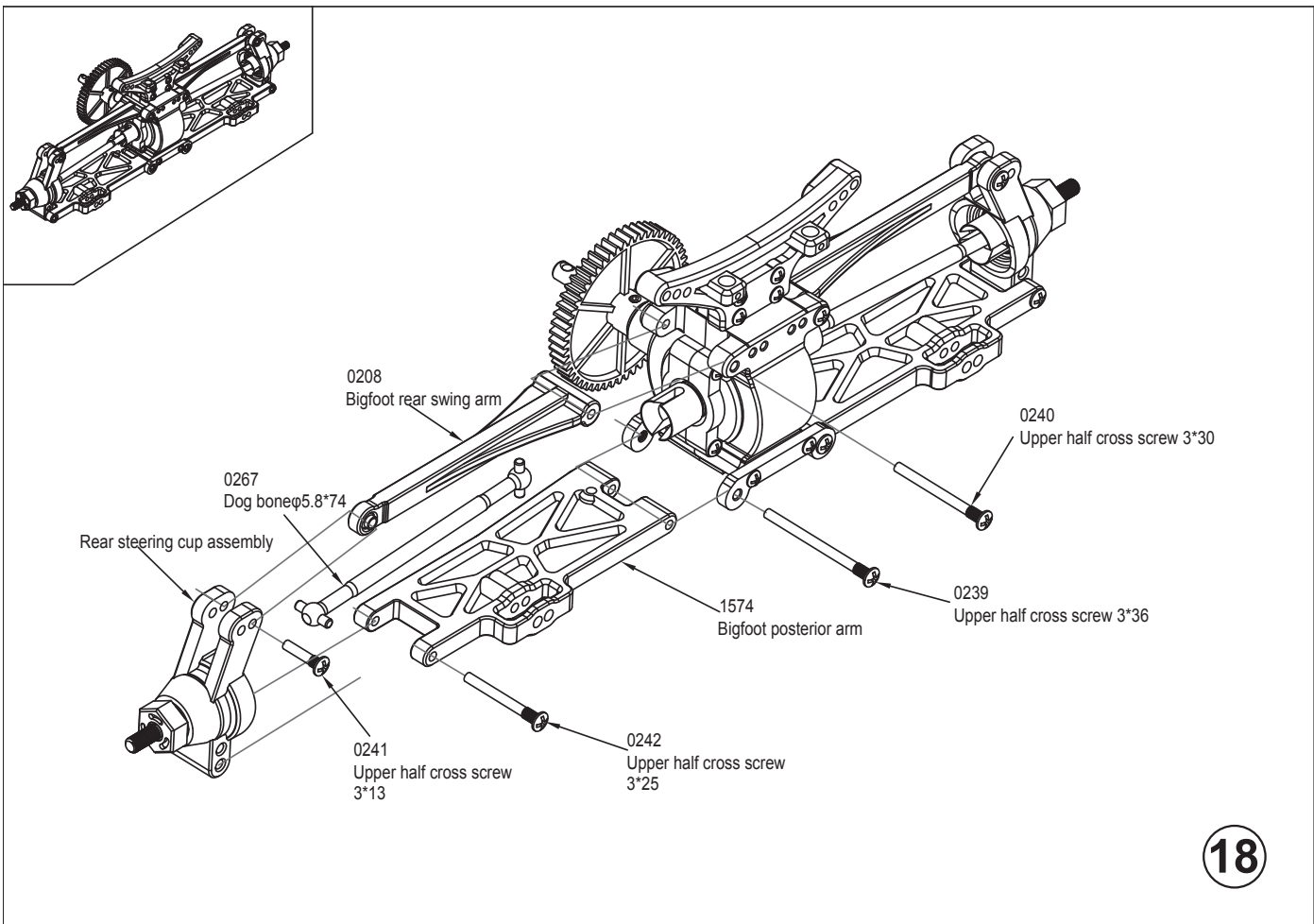


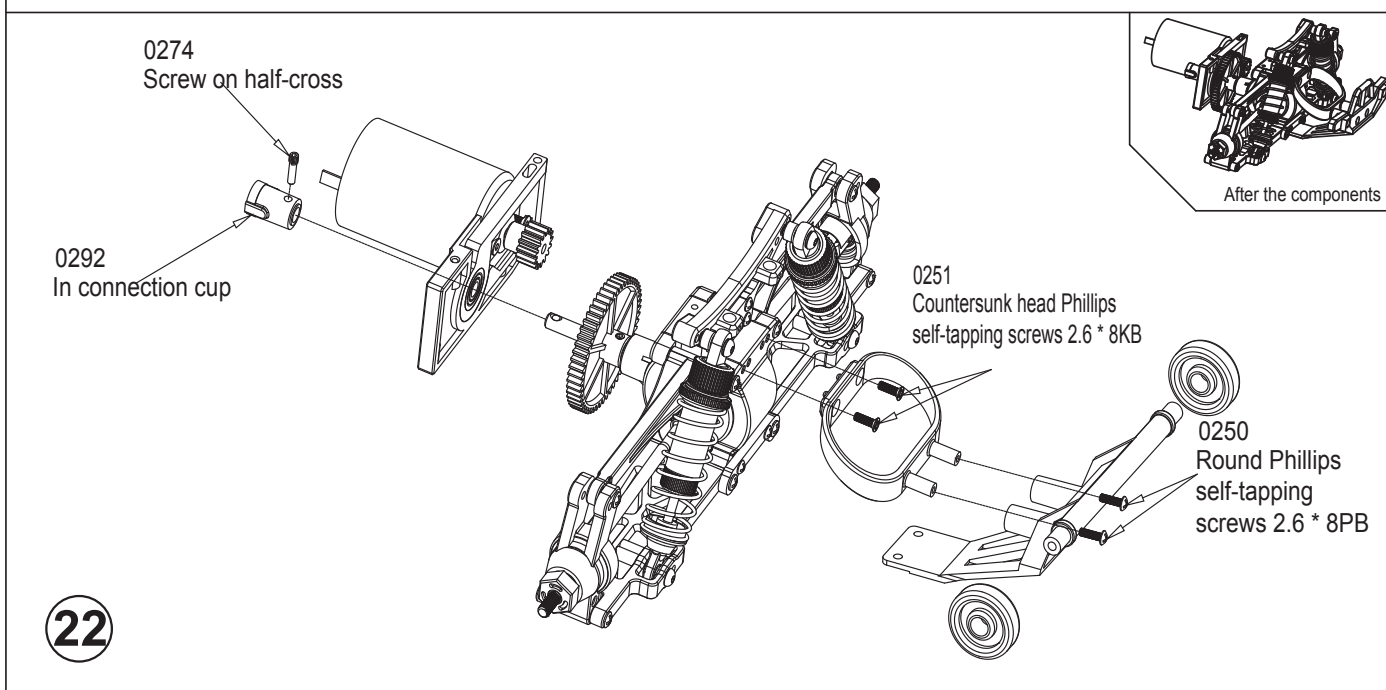
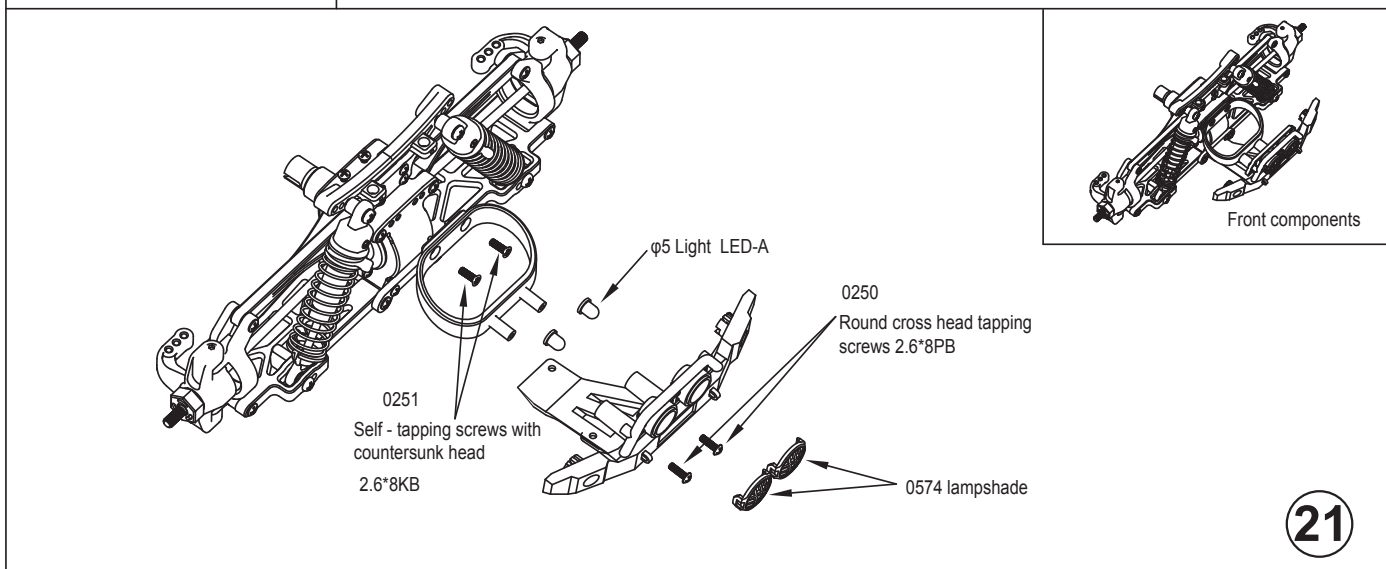
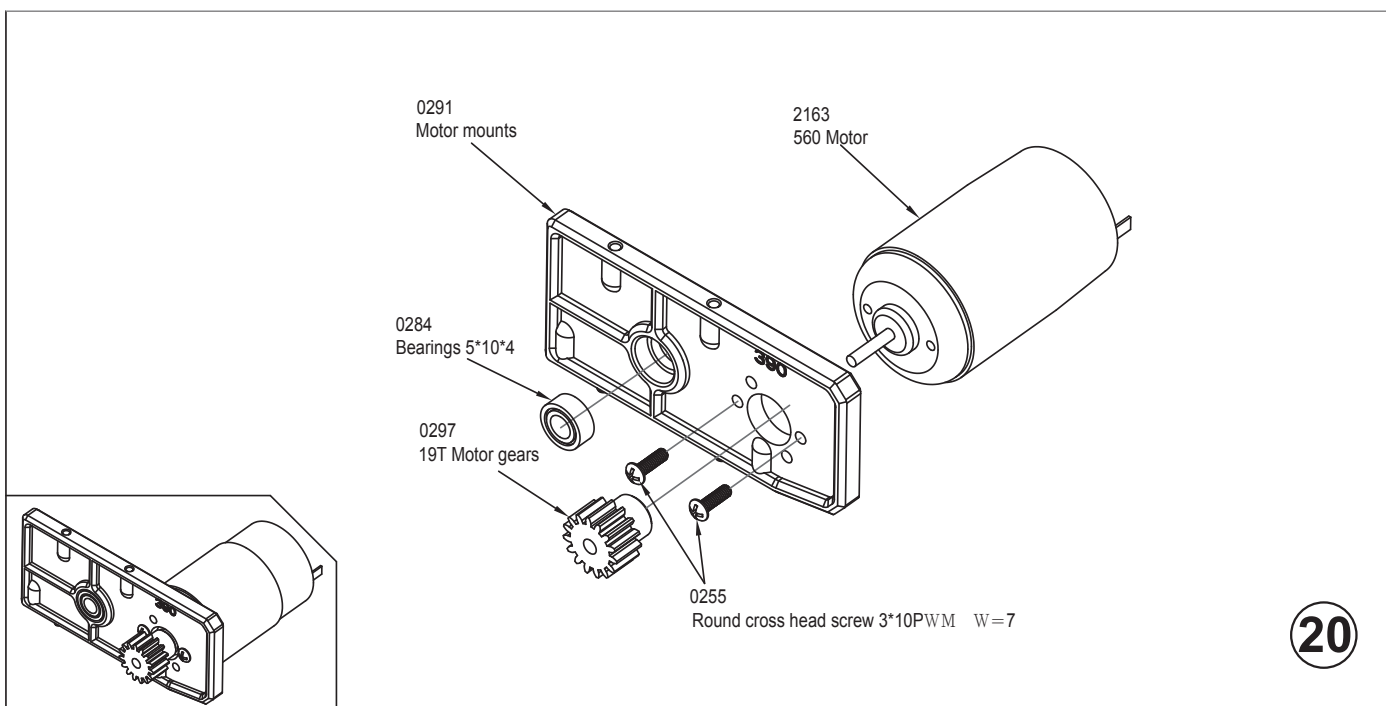


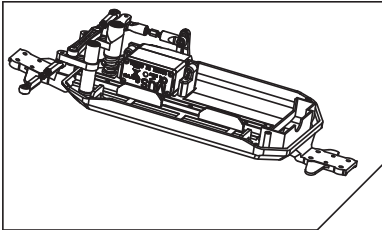
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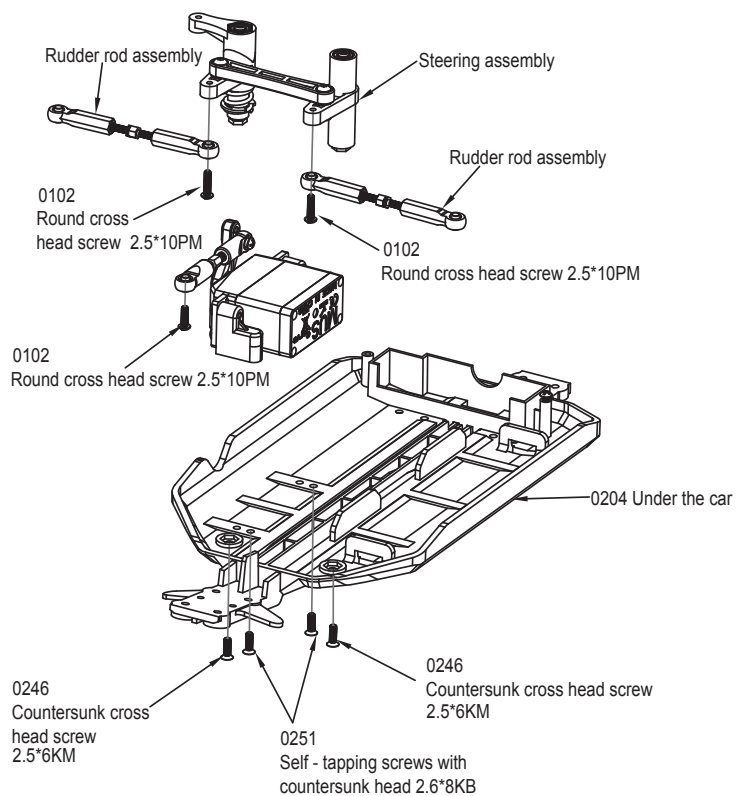
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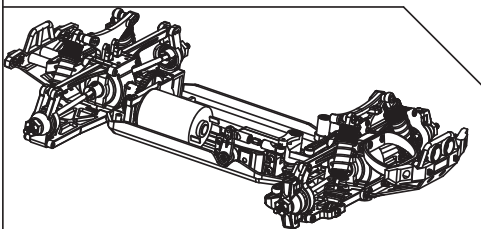
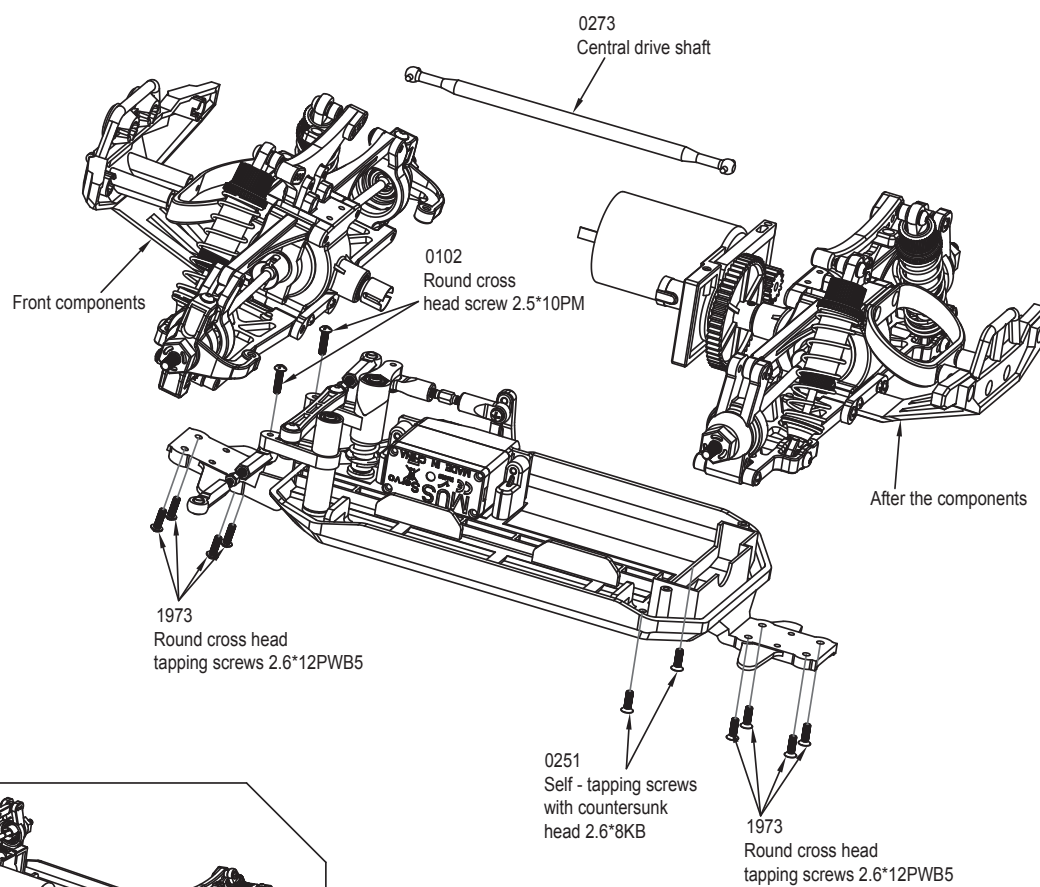


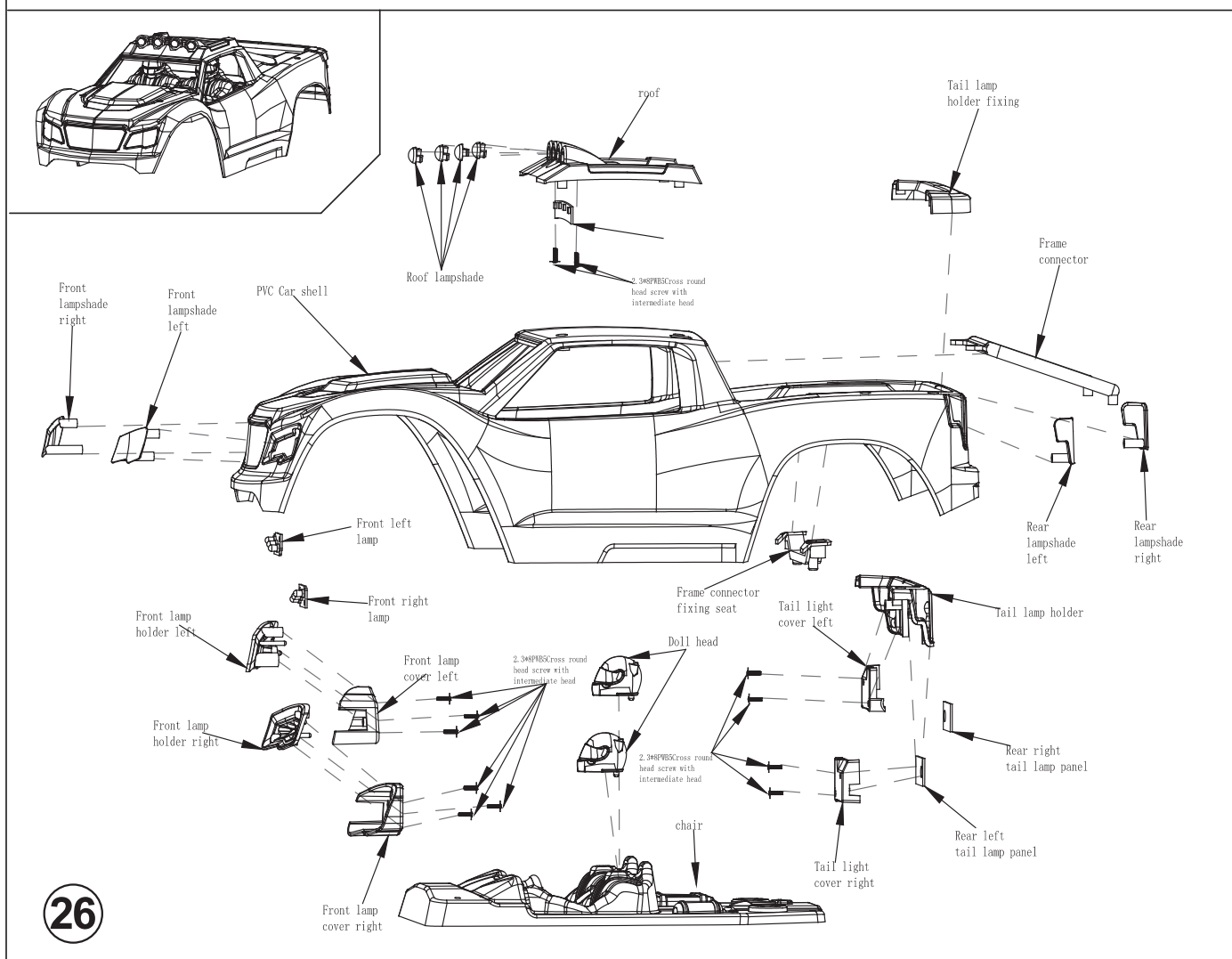
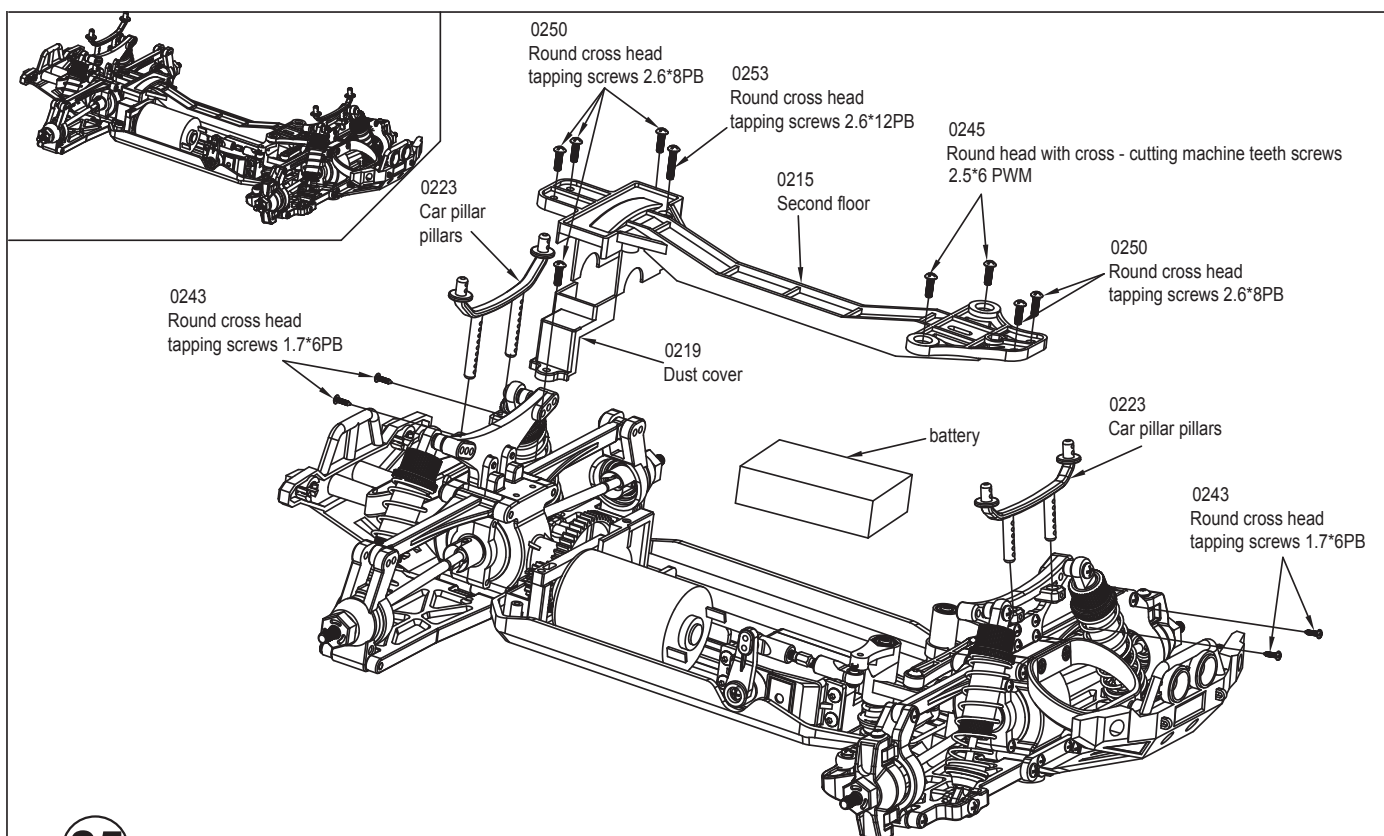


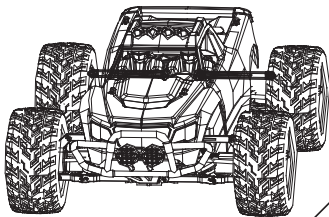
23



24







K939-49
R-type pin

K939-49
R-type pin

1910
M4 locknut

1968
Tire assembly

1910
M4 locknut

1968
Tire assembly

0119
M4 locknut

27

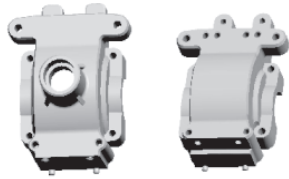
Sale parts view

0204



Vehicle components

0213



Gear cover assembly

0214



Hexagon adapter assembly

0215



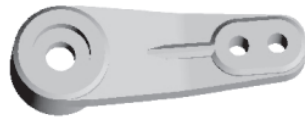
Second floor components

0216



Rudder base assembly

0217



Rudder rocker arm assembly

0218



Steering linkage arm assembly

0219



Dust cover assembly

0220



Deceleration large tooth components

0221



Shock absorber components

0222



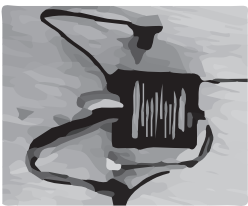
Anti-collision support components

1418



Shell pillar components

0256



Receiver board assembly

1636



Differential component

0226



Door type seat assembly

0227



Steering cup assembly

0228



Rear wheel seat assembly

0233



Ball cap - long components

0236



Ball head assembly

A303-28



Upper half screw
3 * 36 PMO black
zinc plated hardened
component

Sale parts view

A303-29



3 * 30 PM D5.5 Cross round head with half-plated carbon steel plated black zinc components

0241



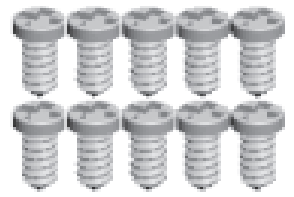
3 * 13 PM screw assembly

0242



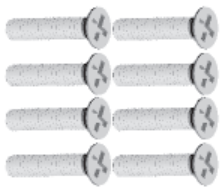
3 * 25 PM screw assembly

A303-32



Round cross self-tapping ST1.7 * 6 PB D3 black zinc plating components

0386



2 * 8KM screw assembly

A949-43



Round head with screws M2.5 * 6 * 6 group

0246



2.5 * 6 KM screw assembly

L959-57



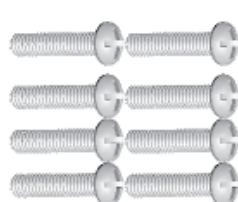
Round head tapping screws 2.6 * 8 * 10 sets

L959-54



Self-tapping screws 2.6 * 8 * 10 countersunk head

0253



ST 2.6 * 12 PB screw assembly

0254



ST 3 * 10 PB screw assembly

0255



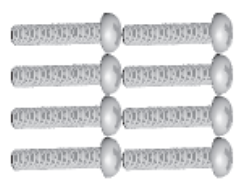
3 * 10 PWM7 screw assembly

0256



3 * 12 PM screw assembly

A303-38



3 * 14 PM D5.5 cross-head black zinc plated components

0261



Buffer spring assembly

0262



Deceleration shaft $\phi 5 * 45\text{mm}$ components

0263



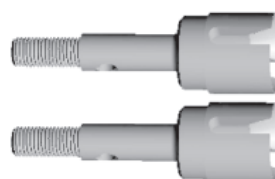
In the cup $\phi 10 * 25\text{mm}$ components

0264



Differential access cup $\phi 11 * 25\text{mm}$ components

0265



Rear axle $\phi 11 * 36\text{mm}$ components

0270



Buffer sleeve H9 * 37 mm components

Sale parts view

0272



Steering column H6 * 40
mm components

0273



Central drive shaft
φ5.8*135mm components

0274



3 * 10 PM screw
assembly

0275



3 * 10PM half-tooth
screw assembly

0276



E-type buckle
components

0279



Rudder rod assembly

0280



Tie rod assembly

0281



Forearm code
component

0282



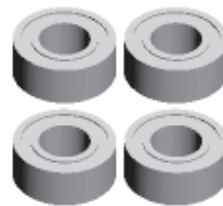
Rear arm assembly

K949-82



Rolling bearings
5X10X4 group

0285



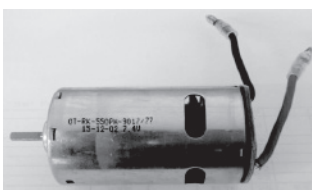
Ball bearing 10 * 15 * 4
groups

0286



Oil-bearing copper
sets of 4 * 8 * 3 groups

2163



560 motor components

0291



550 Motor Mount
Components

0292



Middle cup assembly

1952



Differential gear
assembly

1638



Active bevel gear
assembly

0297



19T motor tooth
components

0298



Green shell paper
components

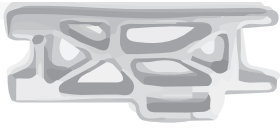
0299



Optical axis 2 * 9
components

Sale parts view

1573



Bigfoot front lower arm assembly

0206



Bigfoot front swing arm assembly

1574



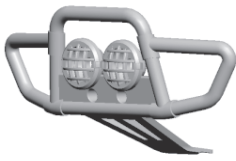
Bigfoot rear swing arm assembly

0208



Bigfoot rear swing arm assembly

1965



Front collision avoidance group

1419



Rear impact team

0267



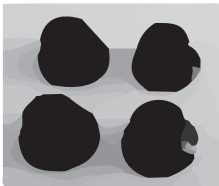
Dog bone $\phi 5.8 \times 76\text{mm}$ components

1953



Long CVD Drive Shaft Assembly

1910



M4 locking nut group

0123



Battery 7.4V 1500MAH-18650 group

1374



USB Charger

0102



Phillips head screws 2.5 * 10 PM group

1968



Tire components

1972



Shock absorber assembly

K939-49



R-type pin 1 * 22.2MM group

K939-57



Axle fixed group

K949-66



6 kg 5-wire steering gear unit

K949-07



Front differential gearbox

K949-52



Planetary gear shaft group

K949-70



Differential O - Ring Flat Division

Sale parts view

1669



V2-144001
remote control

1511



Battery cover

1654



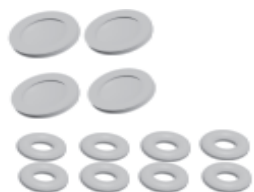
M3-Machine screw

1655



Shock sealing
cap group

1314



Shock absorber
O circle group

1962



Roof group

0574



Shell connector group

0575



Lampshade group

1966



Spare tire rack group

1967



Shell Group

1969



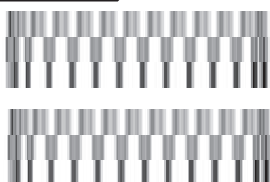
Shock absorber
cylinder block

1970



Axis group

1971



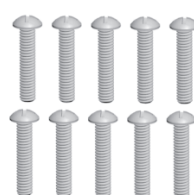
Shock absorber
spring set

0129



Cross pan head screw
2.3 * 8pwb w = 5 sets

1973



2.6 * 12pwb5 screw set

1974



2.3 * 4pwb8 screw set

