

**H·KING**

# **Super Car**

**1:12 SCALE 4WD ELECTRIC**

## **Instruction Manual**



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

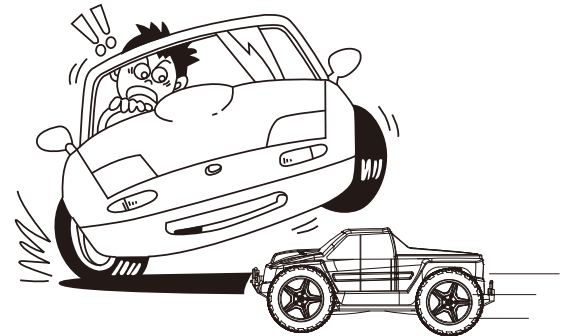
Please use this instruction and the R/C system instruction at the same time.

The instruction is suitable for a type of model whose number is 12402

|   |       |
|---|-------|
| 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 .....  | 8-20  |
| Fittings view .....   | 21-27 |

# 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.



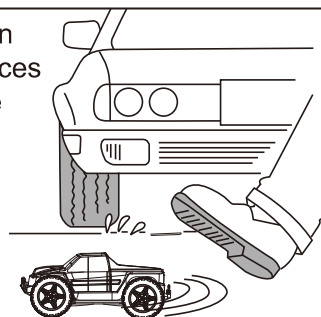
## Cautions when handling batteries

- \*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.



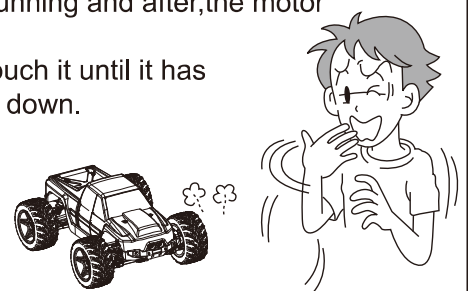
As the product includes small and sharp parts, assemble and store this product only in places out of the reach of children.



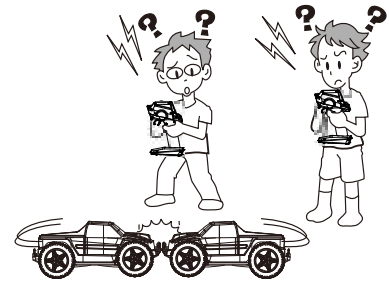
As the front end of the antenna may be dangerous, do not aim it toward faces.



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.

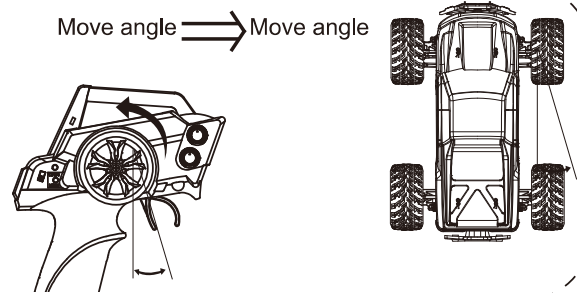
- \* Apart the charger and toy before clean.
- \* As the front end of the antenna may be dangerous,do not aim it toward anyone's body,face or eyes.
- \* Batteries are to be inserted with the correct polarity.
- \* Use the "AA" non-rechargeable or "AA" rechargeable batteries.
- \* Non-rechargeable batteries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

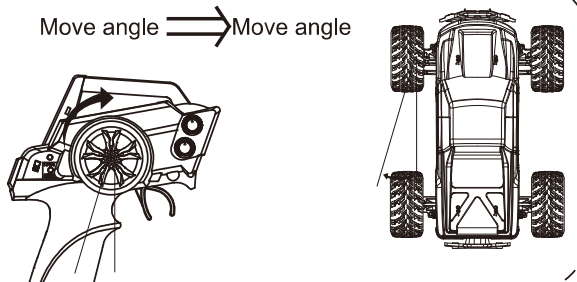
- ★Type: 1:12 Electric 4WD Monster Truck
- ★Product size:380\*275\*190mm
- ★Wheelbase:230mm
- ★The minimum distance of front and rear wheel: 125mm
- ★Ground clearance:50mm
- ★Transmission ratio:1:10.28
- ★Tire diameter: 105MM;wheel width:52mm
- ★ESC receiving server:two in one circuit
- ★Motor:550 a 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: lipo balance
- ★Charging time:3 hours
- ★Use time: 10 minutes
- ★Server:6kg servos
- ★Car shell: antiknock PVC printing car shell, beautiful Crashworthiness
- ★Driving speed: 45km/h.

# Proportional R/C Using Instruction

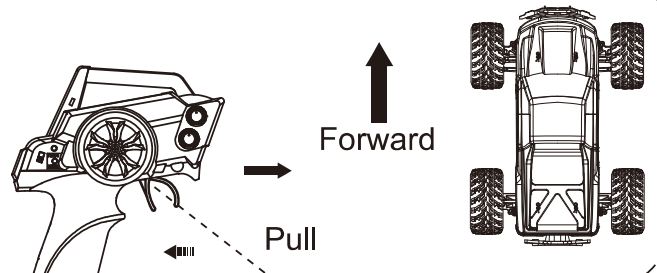
- ① Turn left the steering wheel, the car will turn left. Turning left angle can be adjusted by the degree of wheel twisting.



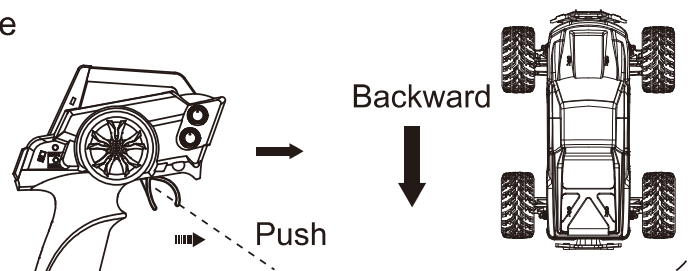
- ② Turn right the steering wheel, the car will turn right. Turning right angle can be adjusted by the degree of wheel twisting.



- 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.

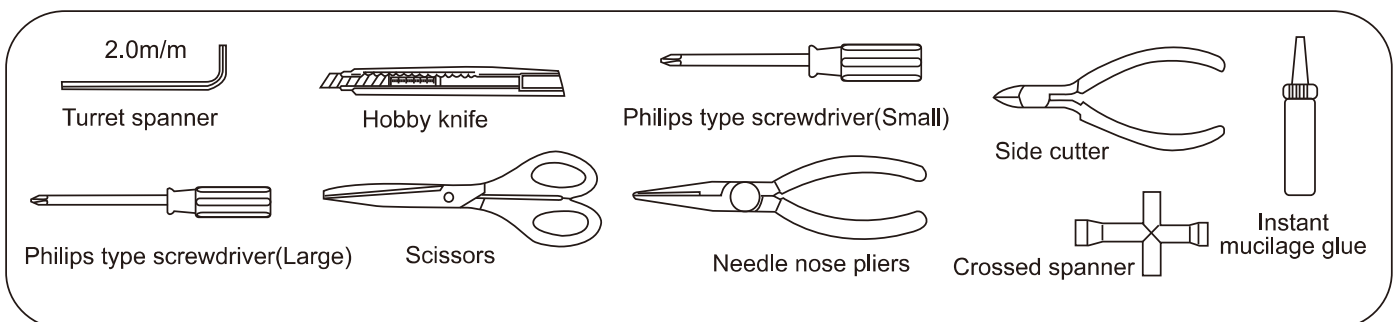


- ④ Loosen the trigger to make it return the neutral position when brake. Push the throttle trigger forward, the car will backward. Adjusting forward angle of throttle trigger adjust backward speed of the car.



## Introduce the common tools and assemble the electron parts

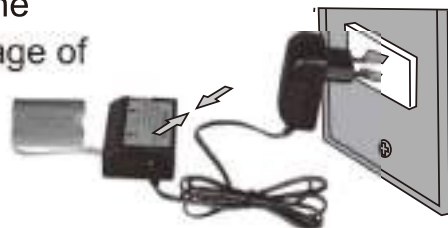
### Tools needed for assembly



## 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.



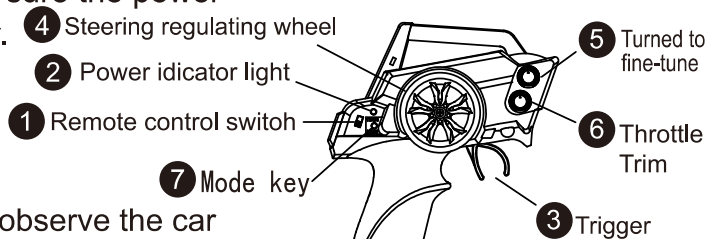
## Assemble the electron parts



## PRACTICE AND MAINTENANCE

### Operating program

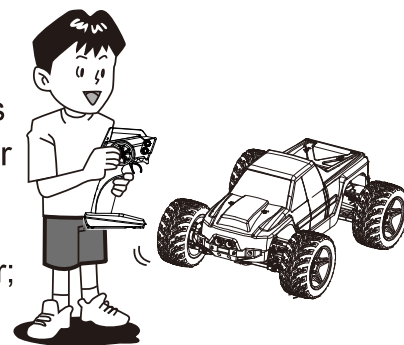
1> Turn on the switch **1** of transmitter and make sure the power indicator is **2** steady light, then turn on the car.



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.

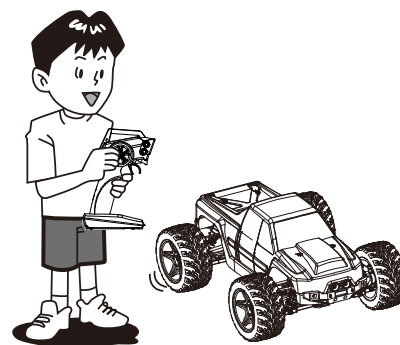
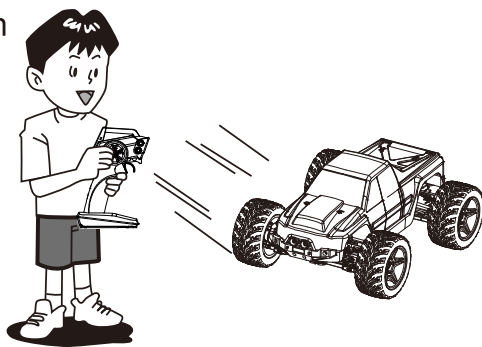
4>Put the car on the ground and stand behind the back of the car. Squeeze the throttle trigger ③ of transmitter gently.If the car does not move in a straight line,you can adjust the trim ⑤ of transmitter until the car moves in a straight line.



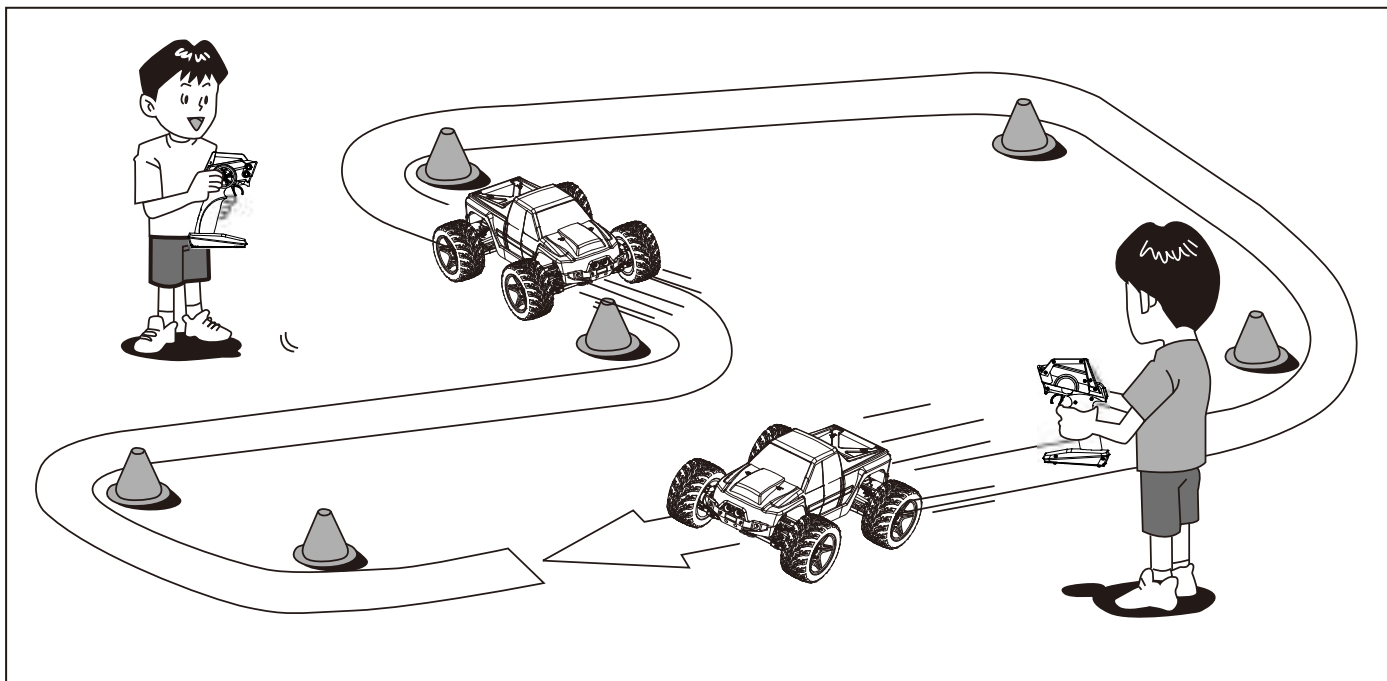
5>Throttle trim key ⑥ , turn clockwise, the car became faster and faster; counterclockwise rotation, the speed will slow down.

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

7>OK,ready to run

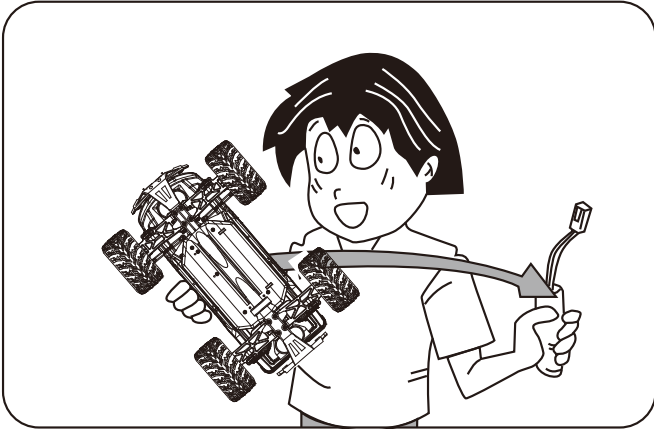


## Practice

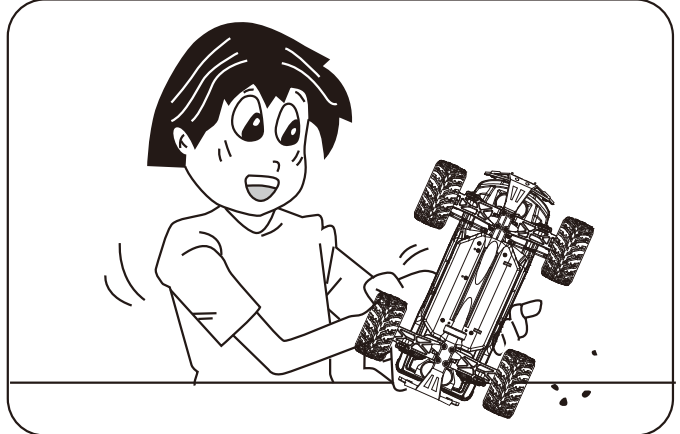


Let's practice!Make R/C car circuit at a wide and safe location using corner pylons(separately available),empty cans or such.Running fast at straight section and slow down at curved section is a basic speed control technique useful when driving R/C car.

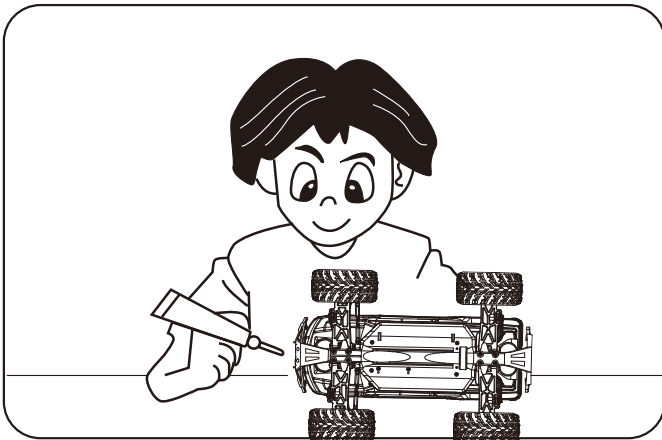
## Maintain



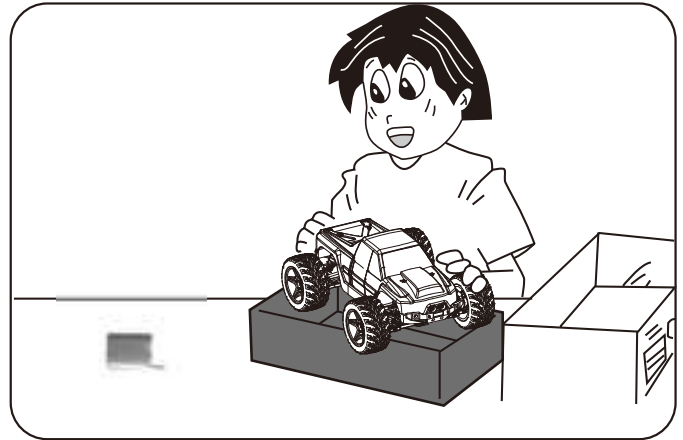
When the car is not in use, you should remove the battery from the car.



Completely remove sand, mud, dirt etc.

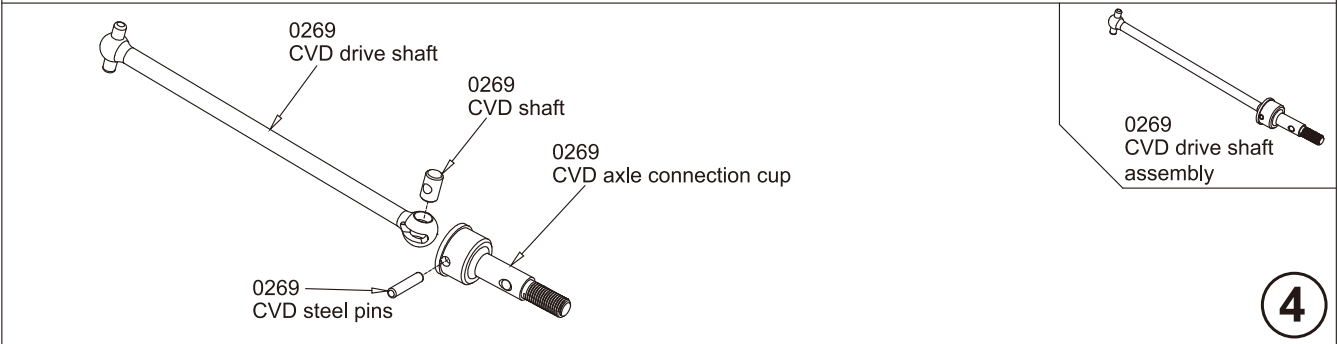
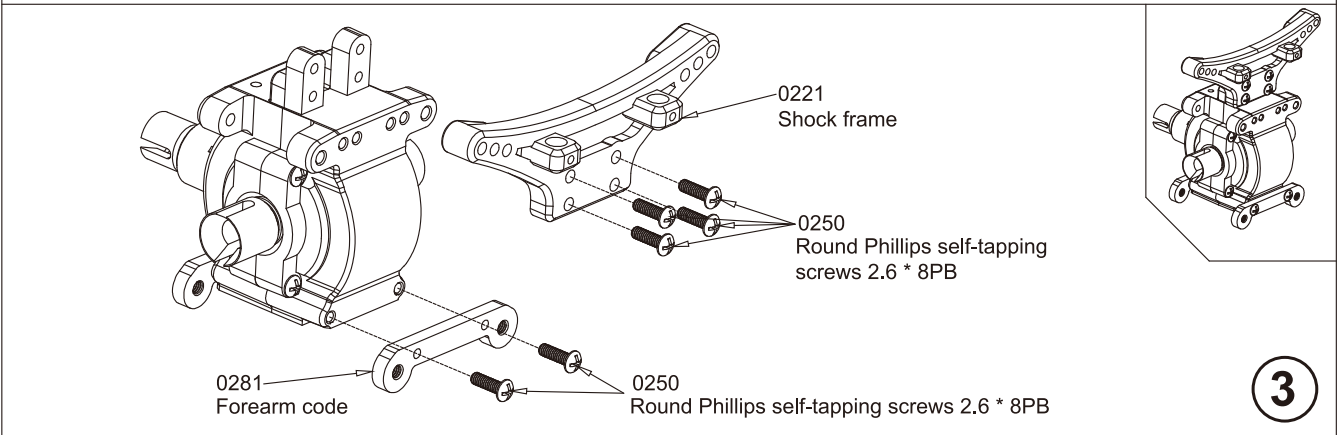
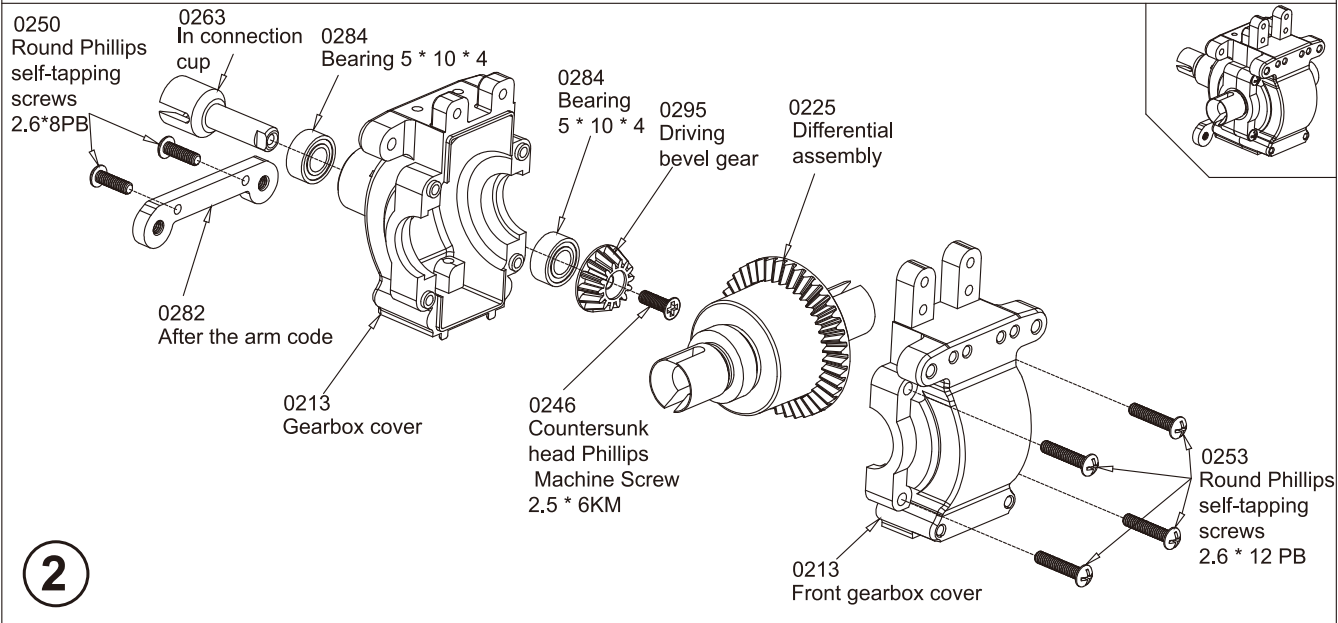
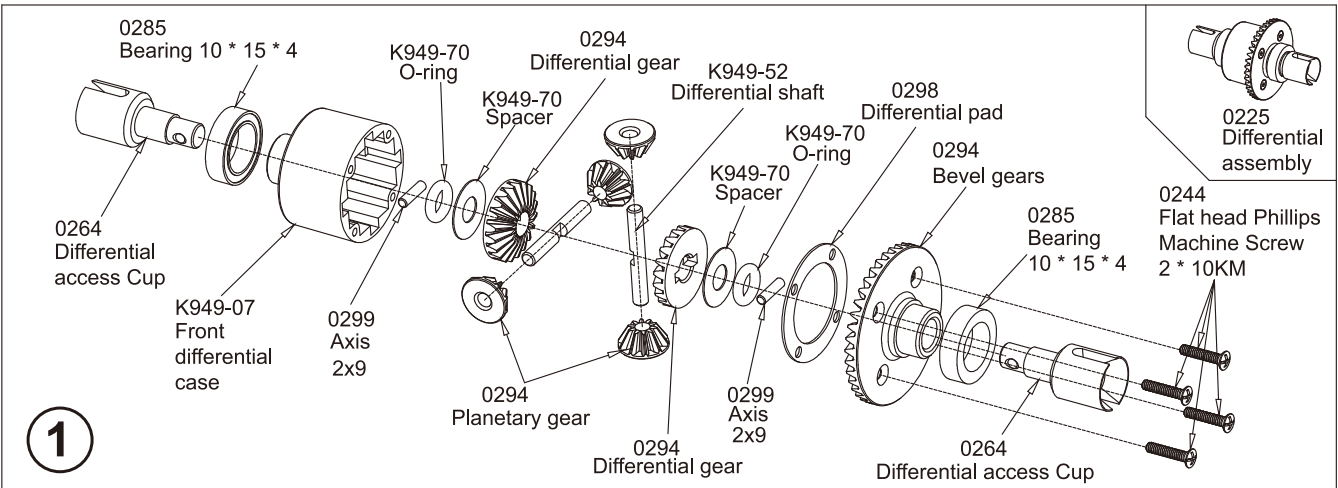


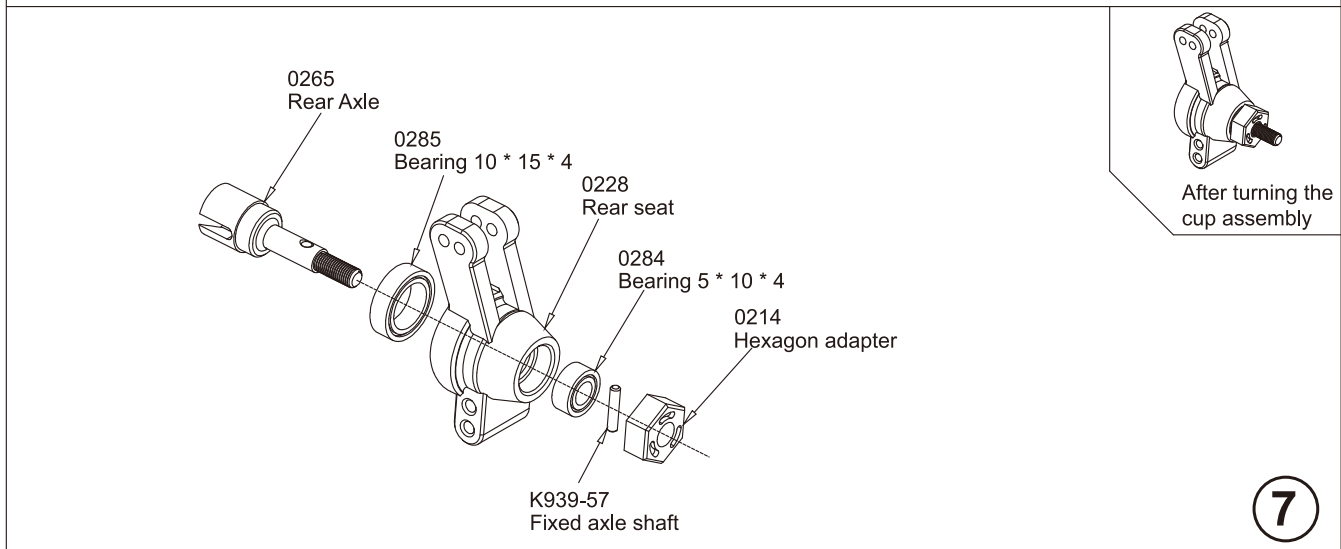
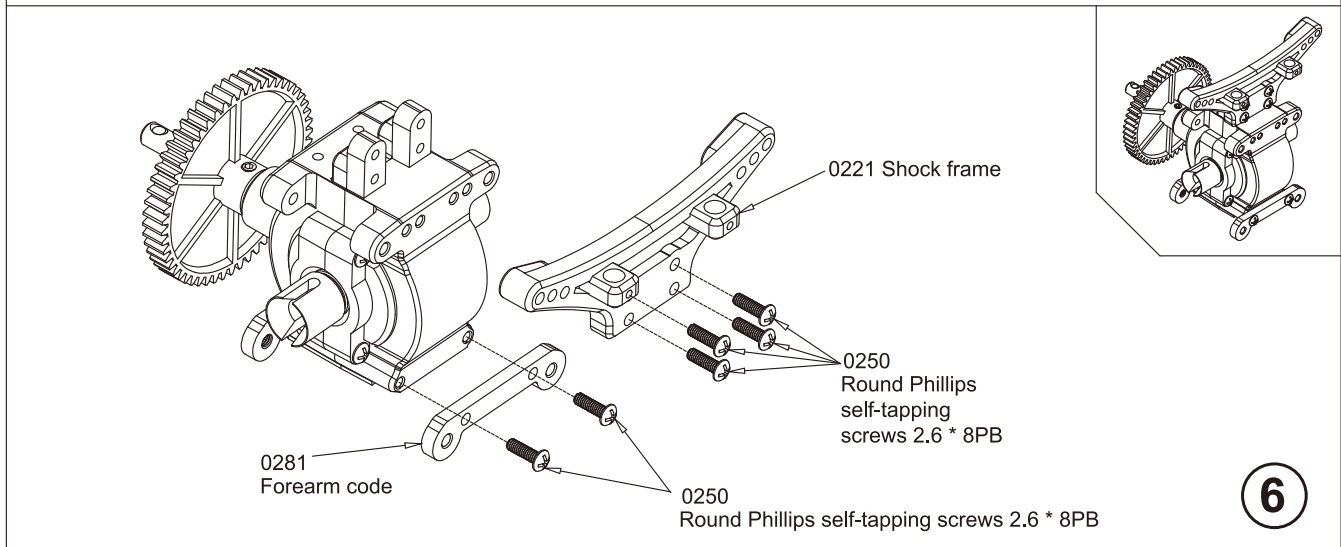
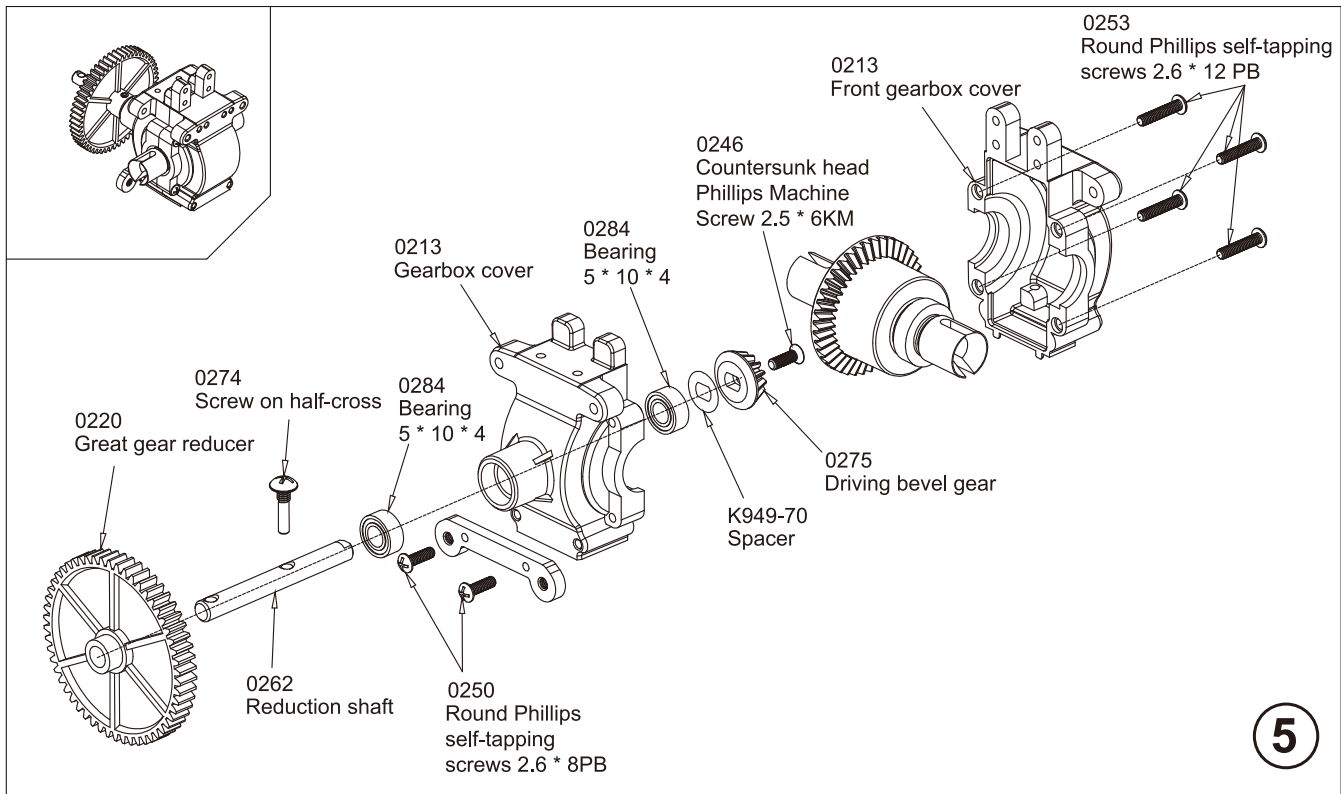
Metal outside should apply the rust prevention oil.

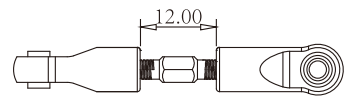
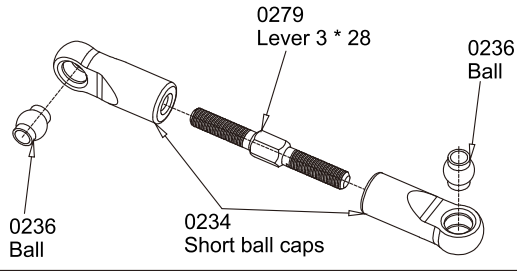


Store the car and batteries separately when not in use.

# Assembly Exploded Diagram

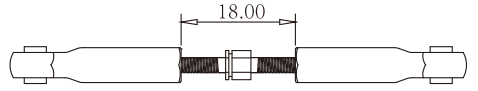
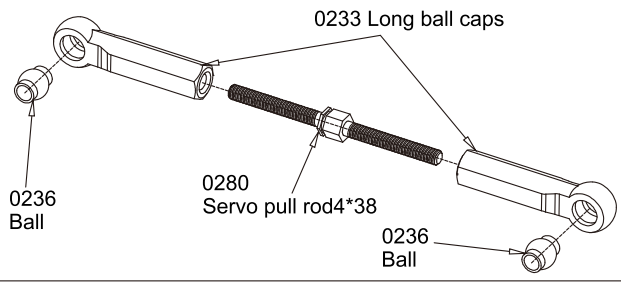






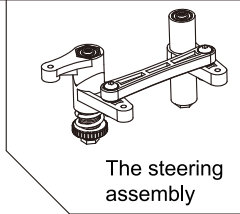
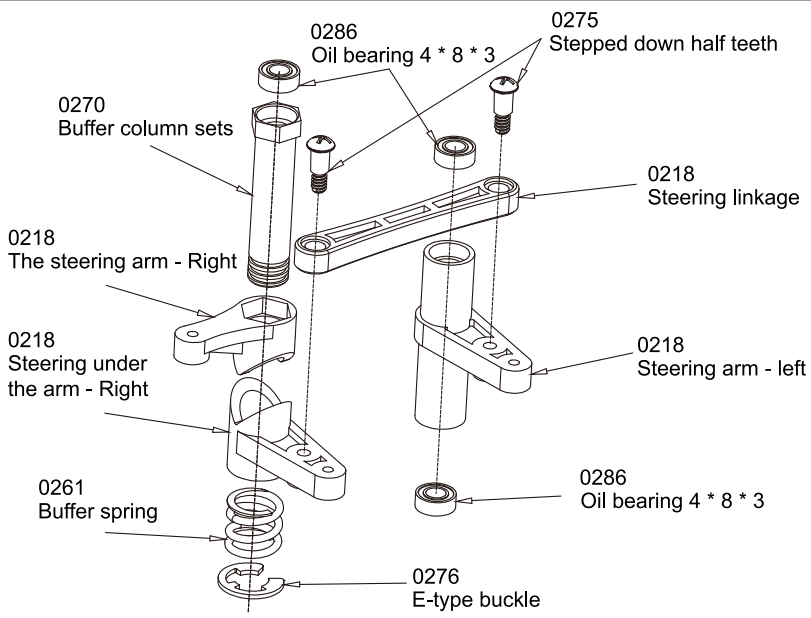
Servo pull rod assembly

8

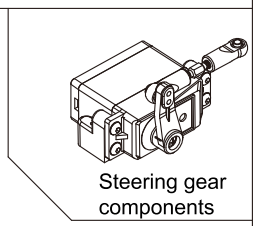
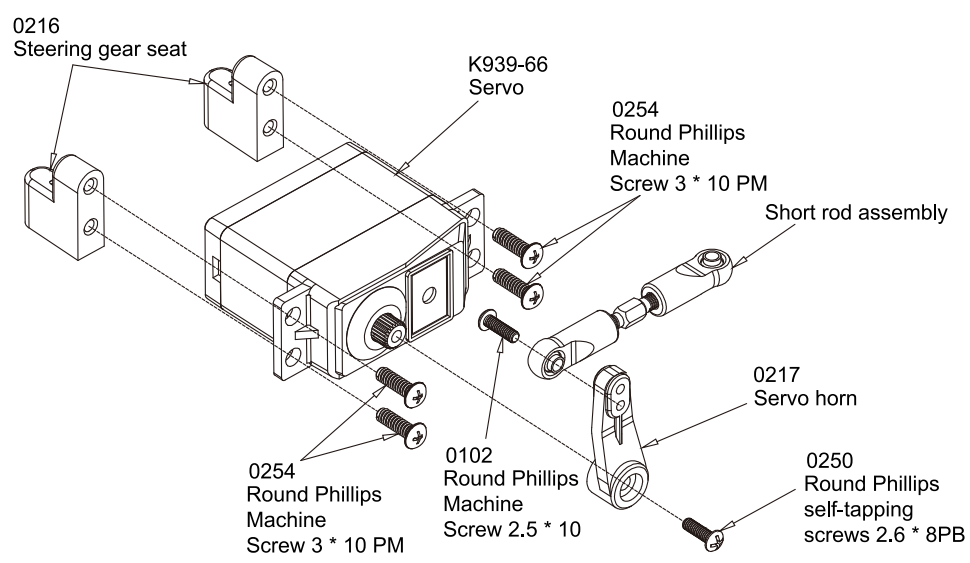


Steering rod assembly

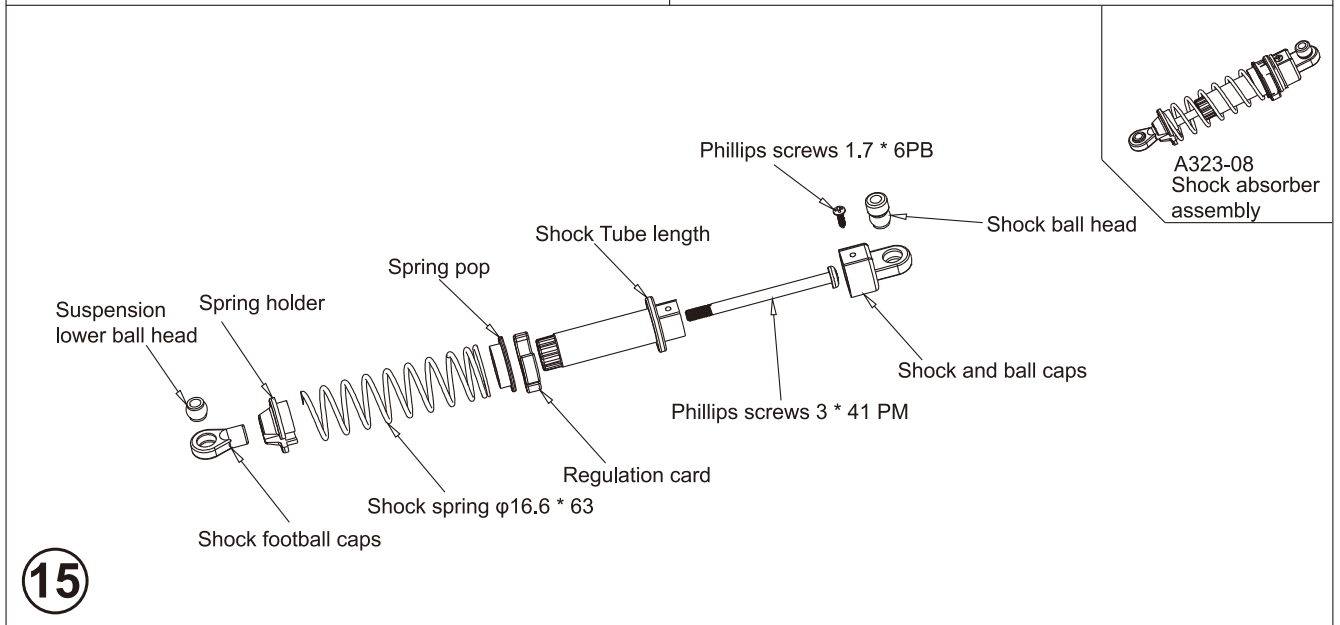
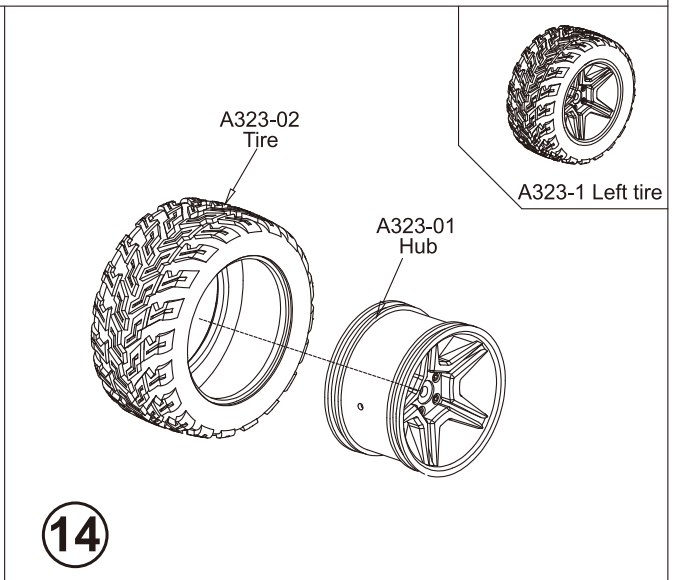
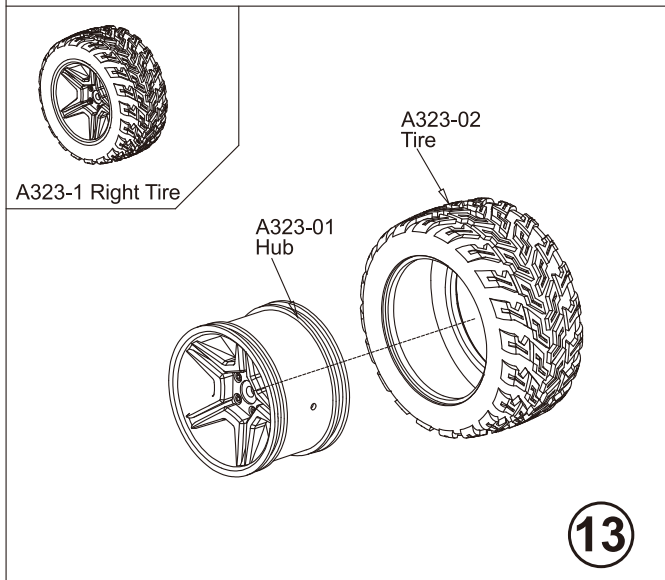
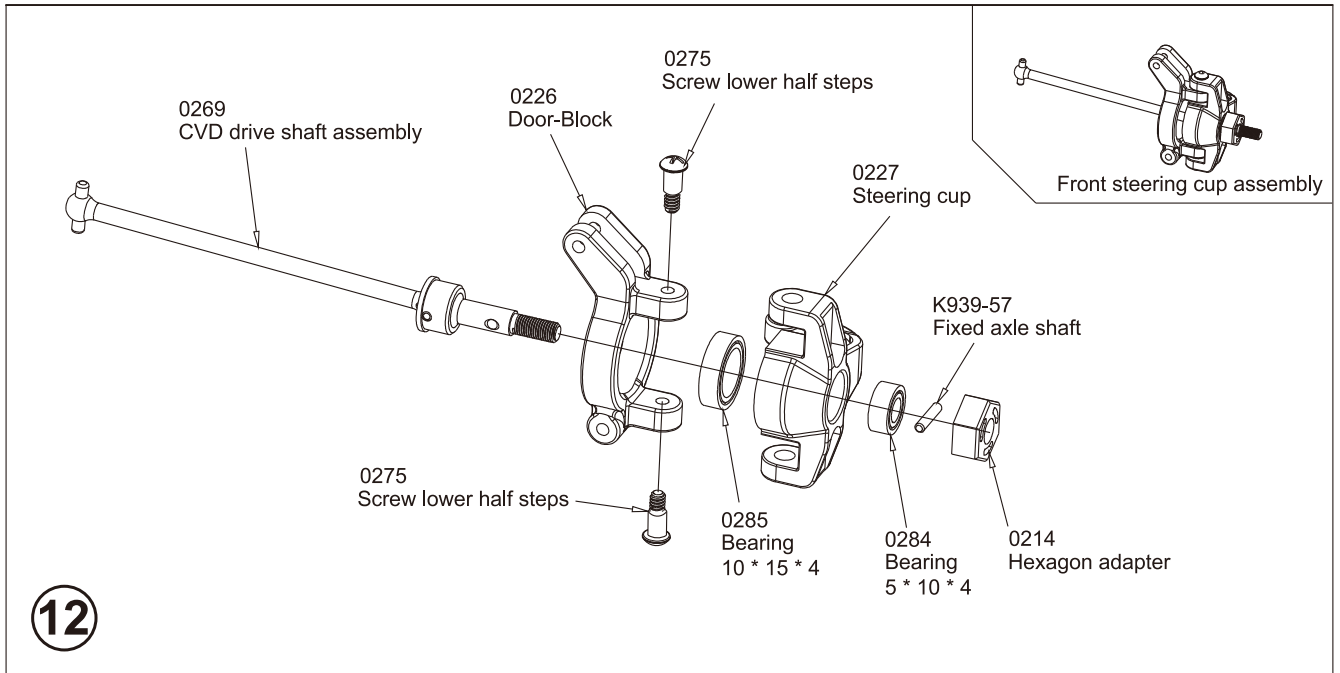
9

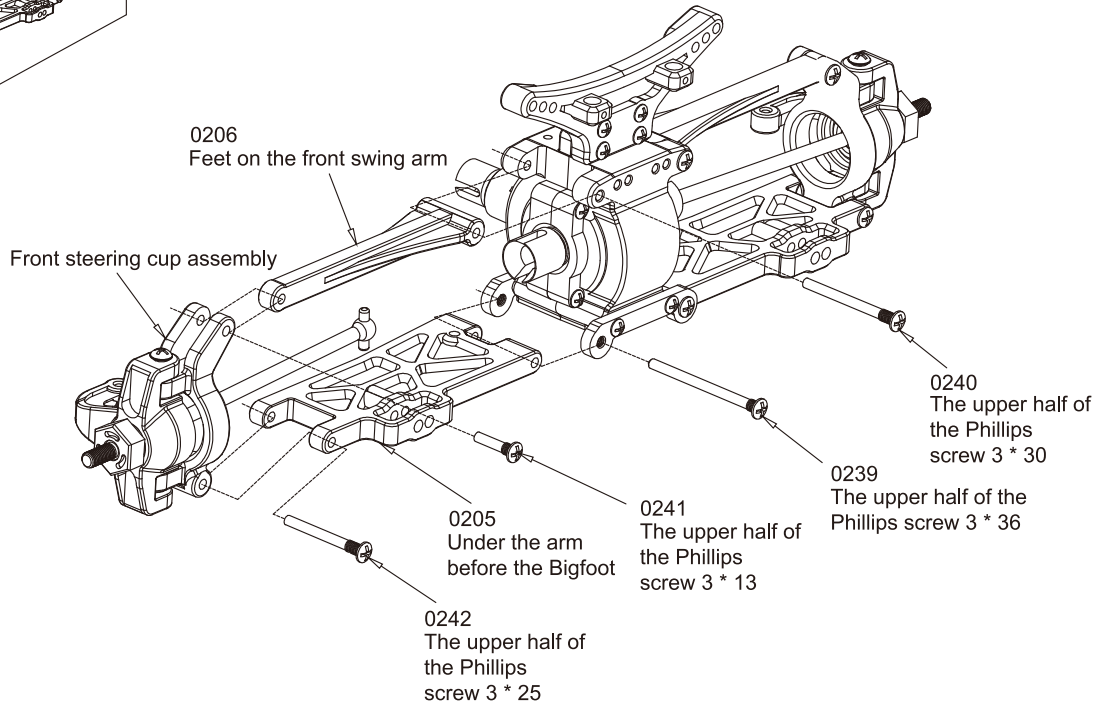
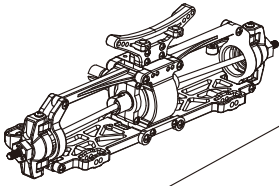


10

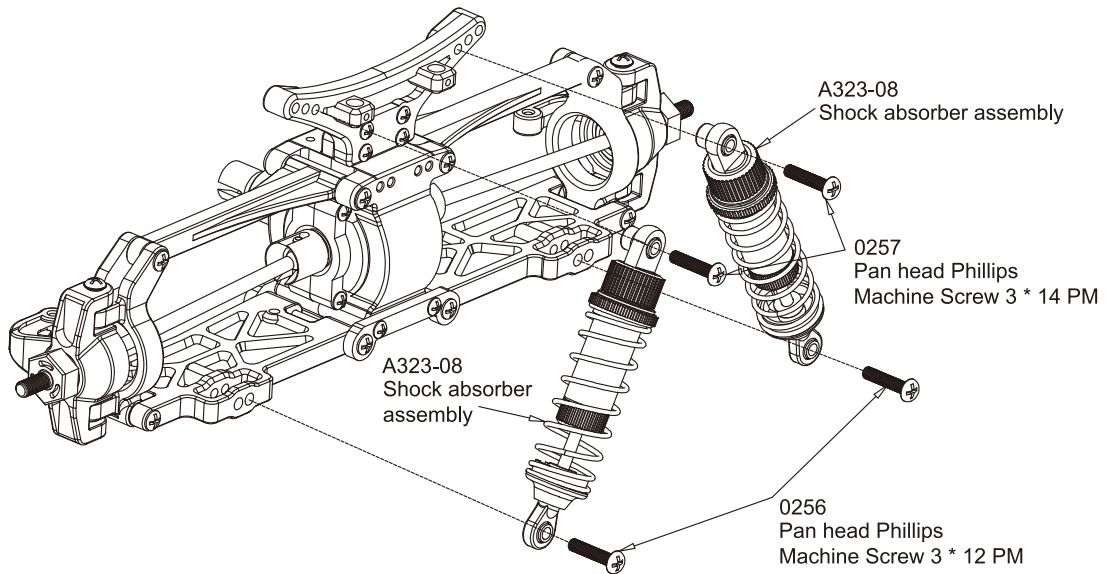
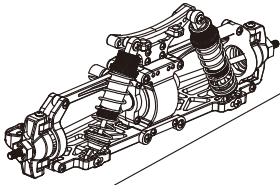


11

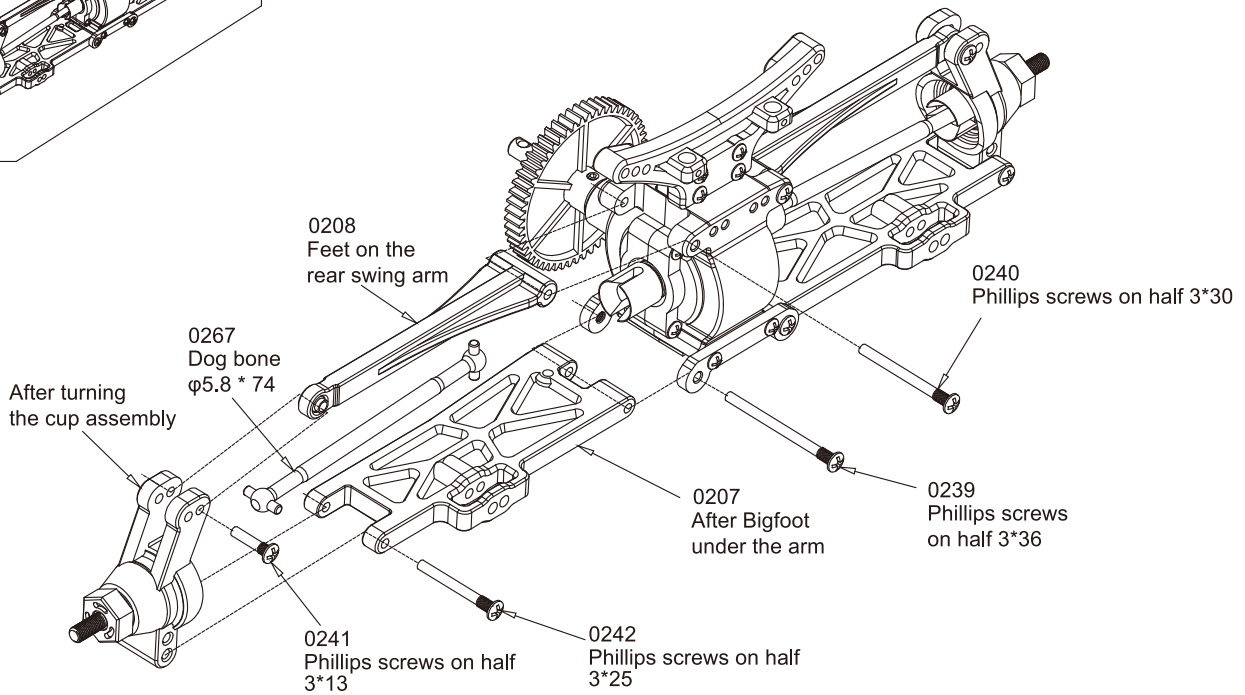
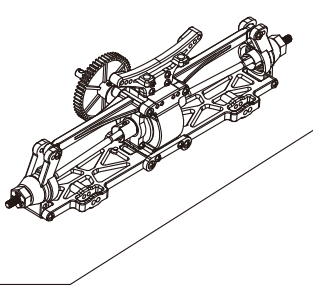




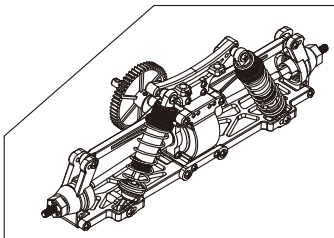
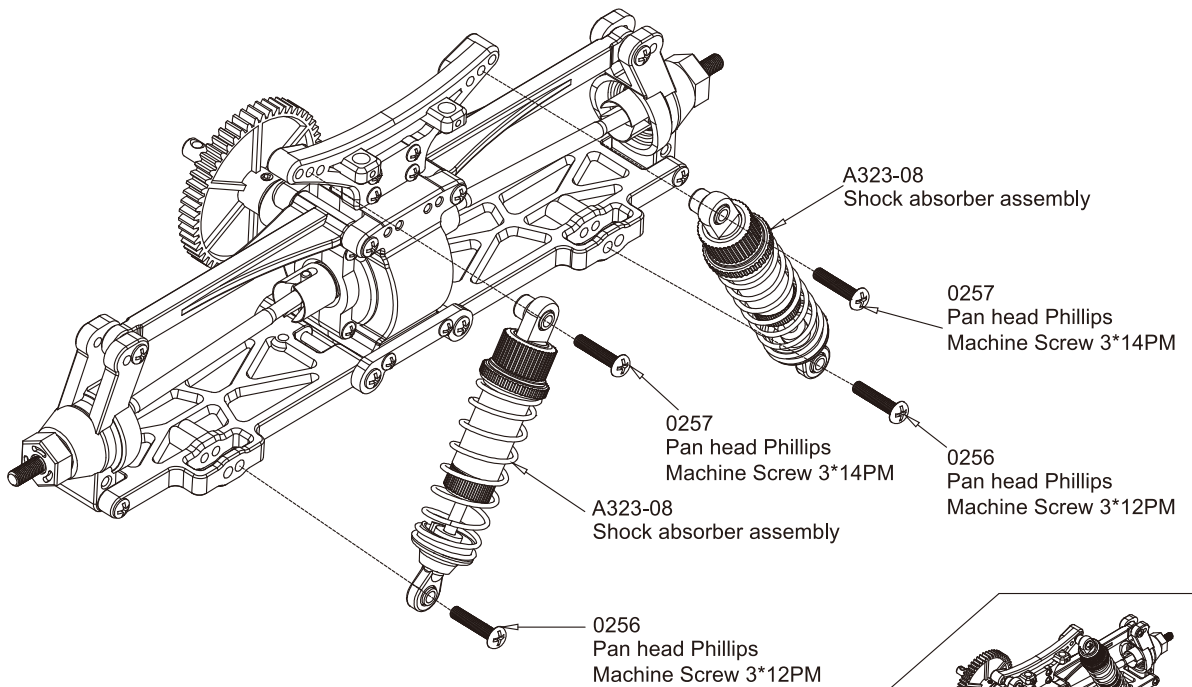
16



17



18



19

20

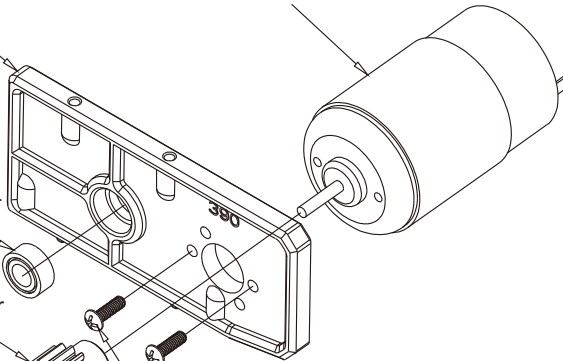
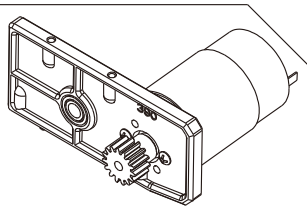
0291  
Motor mounts

0287  
550 Motor

0284  
Bearing 5\*10\*4

0297  
19T motor gear

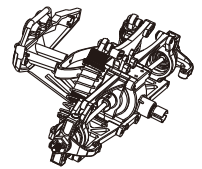
0255  
Round Phillips self-tapping screws 3\*10PMW



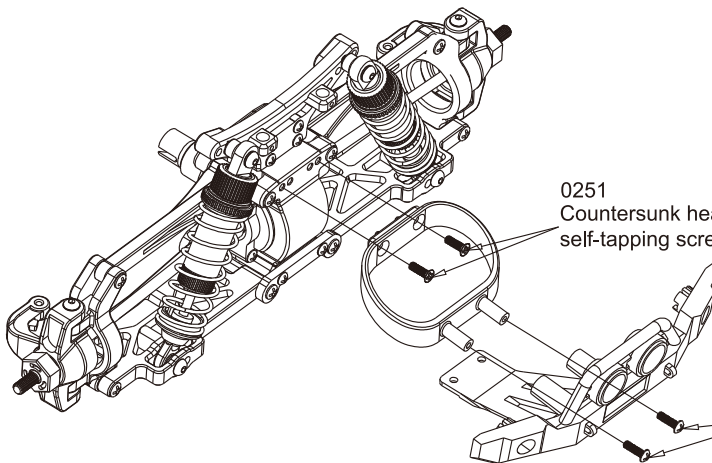
21

0251  
Countersunk head Phillips  
self-tapping screws 2.6 \* 8KB

0250  
Round Phillips self-tapping  
screws 2.6 \* 8PB



Before the assembly



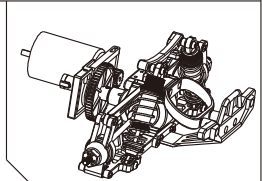
22

0274  
Screw on half-cross

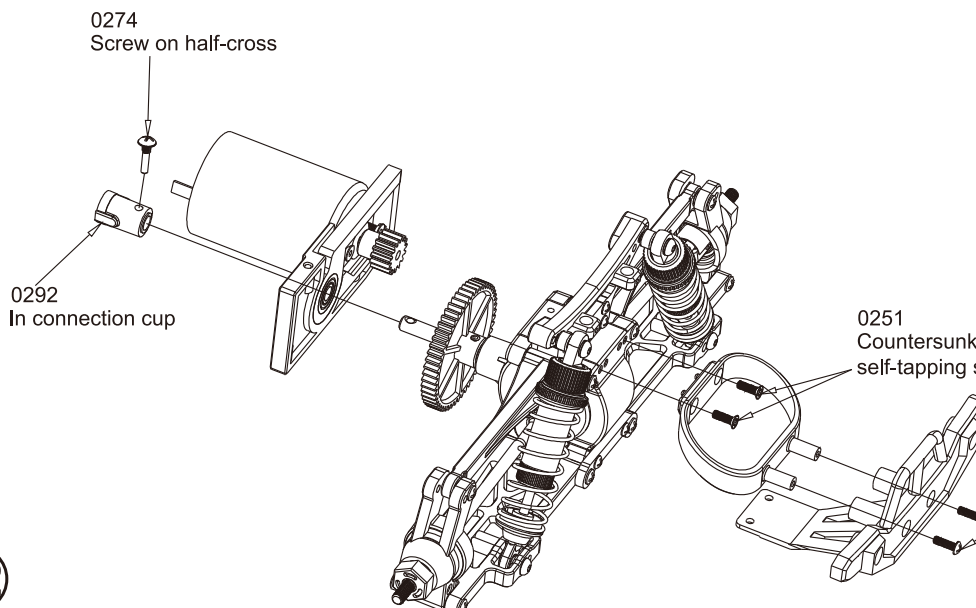
0292  
In connection cup

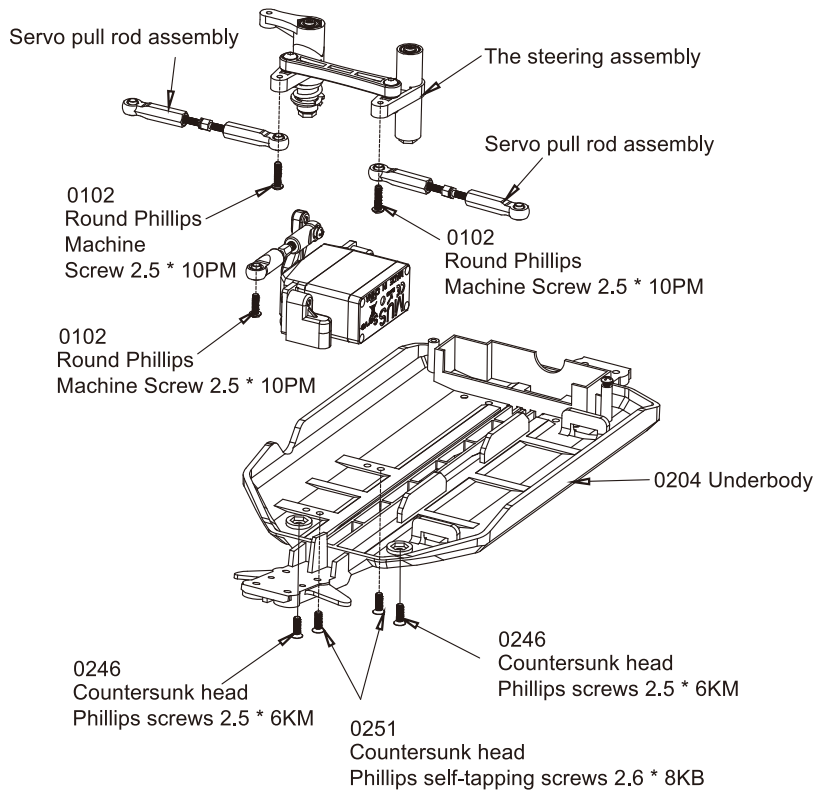
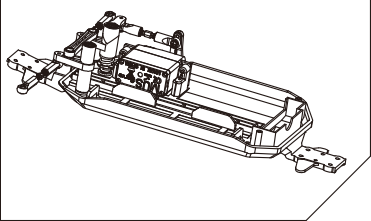
0251  
Countersunk head Phillips  
self-tapping screws 2.6 \* 8KB

0250  
Round Phillips  
self-tapping  
screws 2.6 \* 8PB



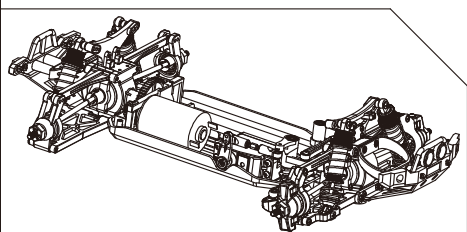
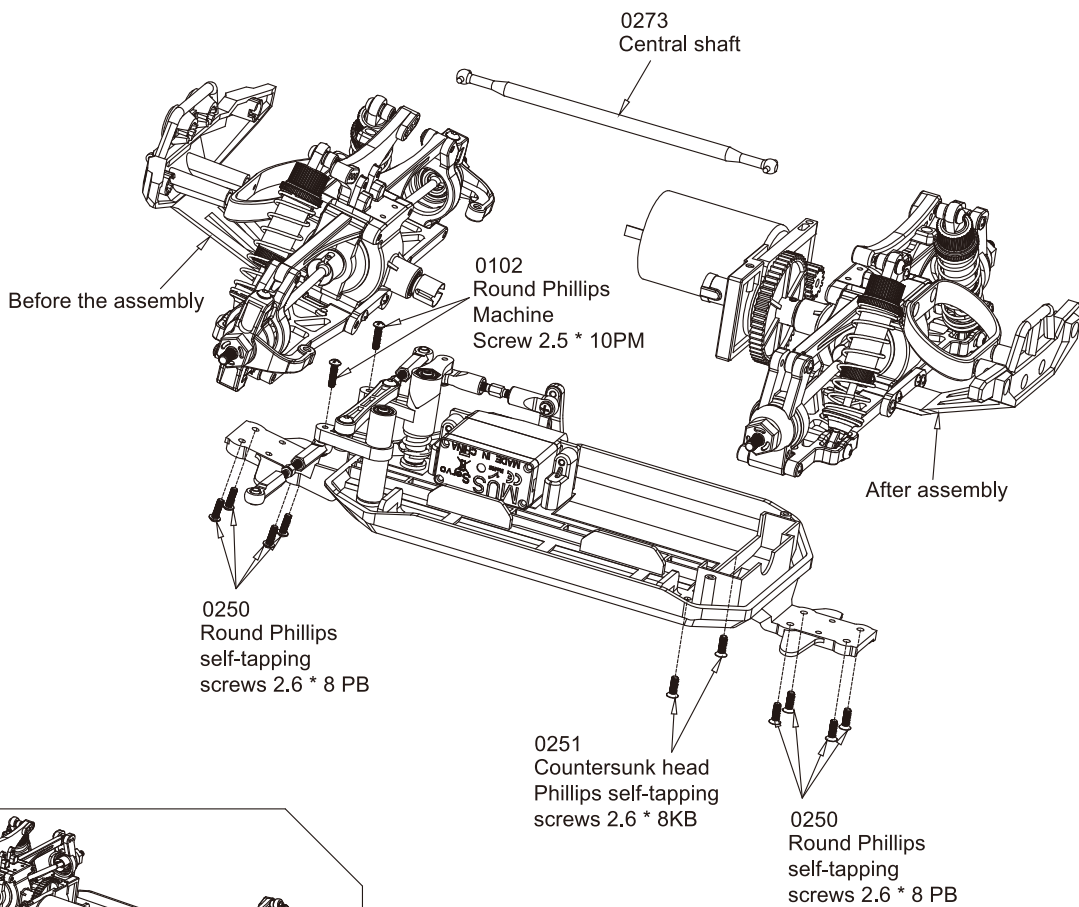
After assembly

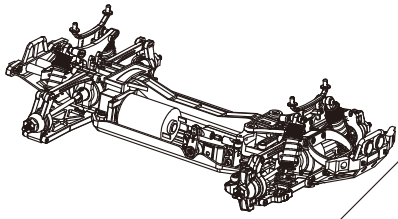




23

24





0243  
Round Phillips  
self-tapping screws 1.7 \* 6PB

0250  
Round Phillips self-tapping screws 2.6 \* 8PB

0223  
Car shell  
pillar

0253  
With a round  
cross-mediated  
self-tapping  
screws 2.6 \* 12 PWB

0245  
Round with a medium  
Phillips Machine Screw  
2.5\*6 PWM

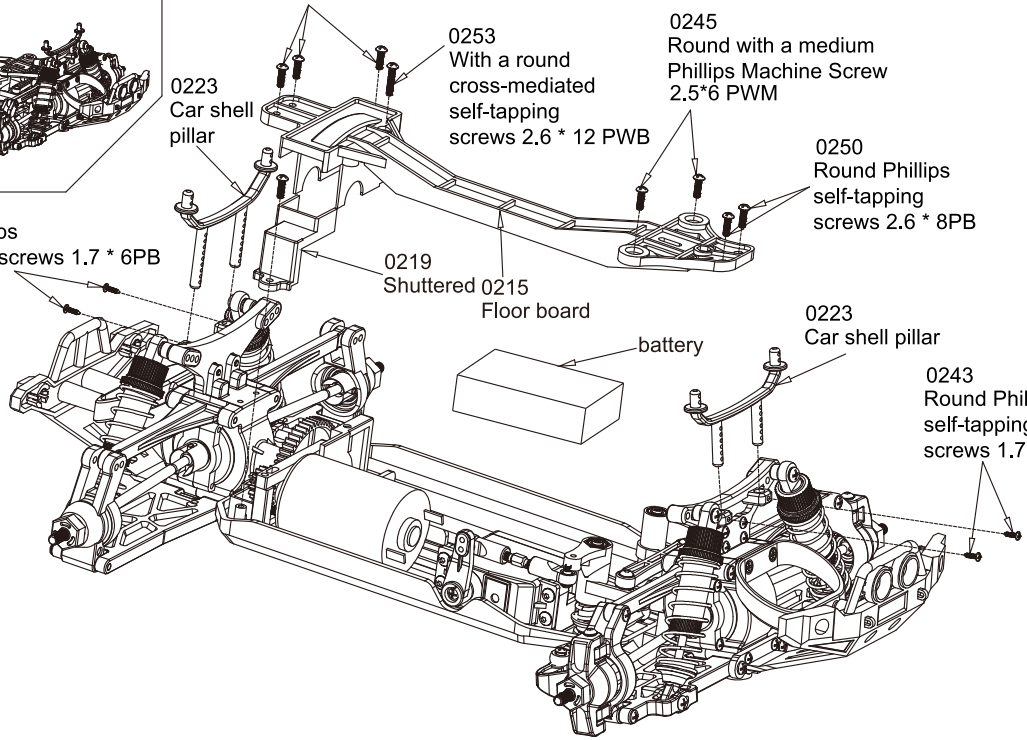
0250  
Round Phillips  
self-tapping  
screws 2.6 \* 8PB

0219  
Shuttered 0215  
Floor board

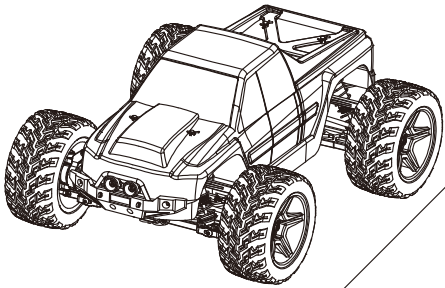
battery

0223  
Car shell pillar

0243  
Round Phillips  
self-tapping  
screws 1.7 \* 6PB



25



0303  
Car shell

K939-49  
R-type pin

K939-49  
R-type pin

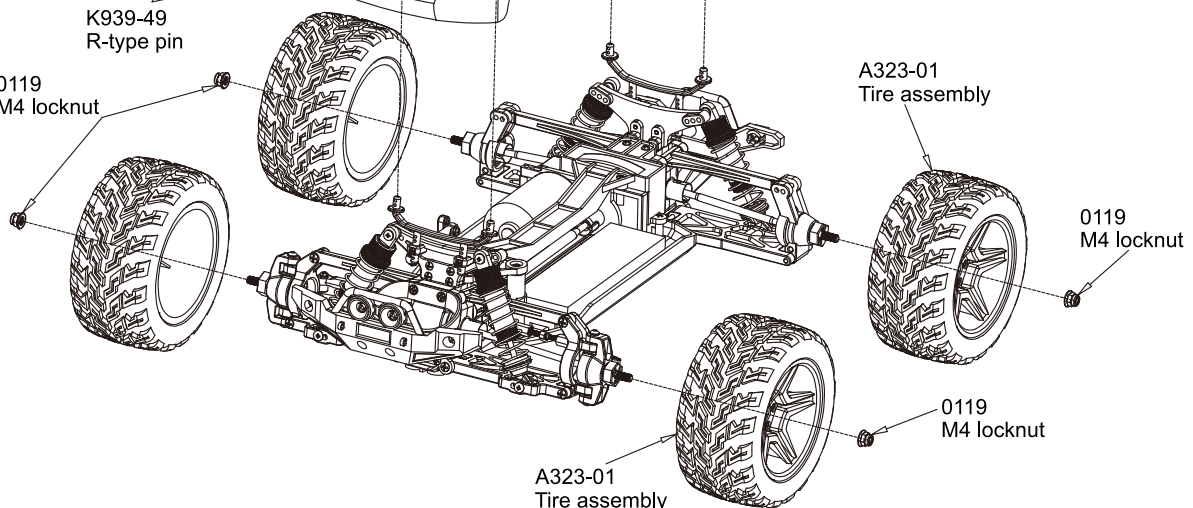
0119  
M4 locknut

A323-01  
Tire assembly

0119  
M4 locknut

0119  
M4 locknut

A323-01  
Tire assembly



26

# Sale parts view

0224



Chassis

0102



Round Phillips Machine  
Screw 2.5 \* 10

0119



M4 locknut

0123



battery

0124



charger

0204



Underbody

0205



Under the arm  
before the Bigfoot

0206



Feet on the front swing arm

0207



After Bigfoot  
under the arm

0208



Feet on the  
rear swing arm

0213



Gearbox cover

0214



Hexagon adapter

0215



Floor board

0216



Steering gear seat

0217



Servo horn

0218



Steering linkage

0219



Shuttered

0220



Great gear reducer

0221



Shock frame

0222



Bumper support

# Sale parts view



Car shell pillar



Door-Block



Steering cup



Rear seat



Long ball caps



Short ball caps



Ball



Front bumper



After the crash



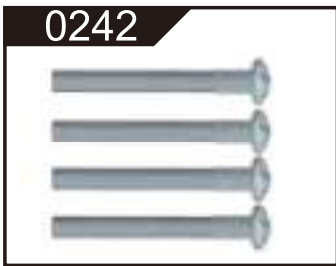
The upper half of the Phillips screw 3 \* 36



The upper half of the Phillips screw 3 \* 30



The upper half of the Phillips screw 3 \* 13



The upper half of the Phillips screw 3 \* 25



Round Phillips self-tapping screws 1.7 \* 6PB



Pan head Phillips Machine Screw 2 \* 10 PM



Round with a medium Phillips Machine Screw 2.5\*6 PWM



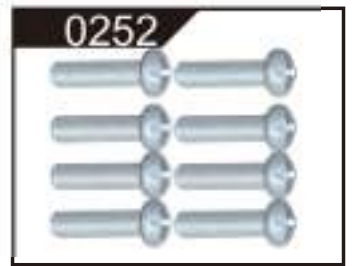
Countersunk head Phillips Machine Screw 2.5 \* 6KM



Round Phillips self-tapping screws 2.6 \* 8PB



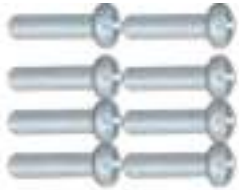
Headlight



Rollcage in

# Sale parts view

0253



Round Phillips self-tapping screws 2.6 \* 12 PB

0254



Round Phillips Machine Screw 3 \* 10 PM

0257



Pan head Phillips Machine Screw 3 \* 14 PM

0261



Buffer spring

0262



Reduction shaft

0263



In connection cup

0264



Differential access Cup

0265



Differential access Cup

0267



Dog bone  $\phi 5.8 * 74$

0269



CVD drive shaft assembly

0270



Buffer column sets

0272



Steering column

0273



Central shaft

0274



Screw on half-cross

0275



Screw lower half steps

0276



E-type buckle

0279



Lever 3 \* 28

0280



Servo pull rod 4\*38

0281



Forearm code

0282



After the arm code

# Sale parts view

0284



Bearing 5 \* 10 \* 4

0285



Bearing 5 \* 15 \* 4

0286



Bearing 4 \* 8 \* 3

0287



550 Motor

0291



Active rear axle pinion

0292



In connection cup

A323-08



Shock absorber assembly

0294



Differential gear

0295



Driving bevel gear

0297



19T motor gear

0298



Differential pad

0299



Axis 2x9

0303



Car shell

a323-1



0225



Differential assembly

K939-49



R-type pin

K939-57



Fixed axle shaft

K939-66



Servo

K949-07



Front differential case

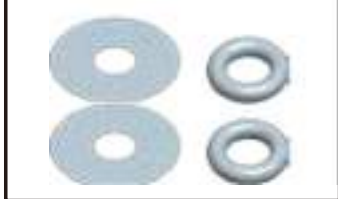
K949-52



Differential shaft

# Sale parts view

K949-70



O-ring

V2



Harukahikaeki