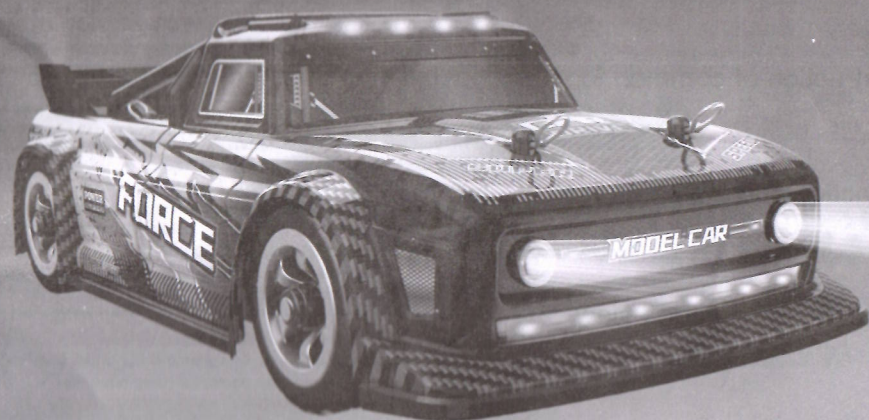


# 1:28 Electric 4WD Short Truck



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

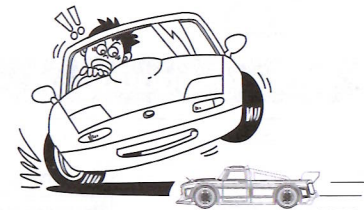
Please use this instruction and the R/C system instruction at the same time.

The instruction is suitable for a type of model whose number is 284131.

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 .....	8-18
Fittings view .....	19-21

## 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.



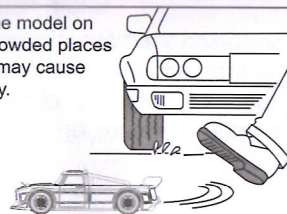
## Cautions when handling batteries

- \*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.



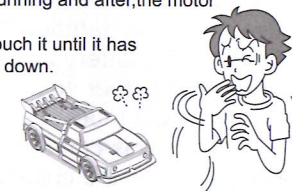
As the product includes small and sharp parts, assemble and store this product only in places out of the reach of children.



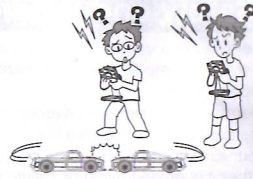
As the front end of the antenna may be dangerous, do not aim it toward faces.



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 part, 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, bodysell 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

Item number: 284131 1:28 Electric 4WD Short Truck

Vehicle size: length 175mm X width 80mm X height 58mm

Wheelbase: Standard 98mm (variable 102mm)

Front and rear wheel minimum distance: Standard 71mm (75mm)

Ground clearance: Standard 4.6mm (adjustable)

Transmission ratio: Standard 1:5.34 (Motor gear 15T, 17T, 19T, 21T, 27T and 29T gear reduction are free to mix)

Tire diameter : 27mm; wheel width: 8.5mm

Electrically tunable receiving server: three in one circuit

Motor: 130 brush motor

Remote controller: 2.4G remote controller

Remote control distance is greater than or equal to 100 meters:

Remote controller battery: 4 AA batteries (sold separately)

Battery: lithium battery 7.4V 400mAh, sufficient energy, explosive strength

Charger: lipo balance

Charging time: about 50 minutes

Use of time: 18 minutes

Server: independent 5 grams of digital servo with the steering gear steering protection, sensitive, quick response

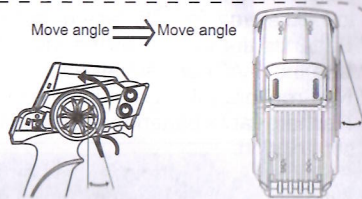
Car shell: antiknock PVC color printing car shell, beautiful Crashworthiness

Four wheel independent suspension system, sealing gearbox. Some parts can be general Kyosho car parts, shape simulation, for the crowd is wide

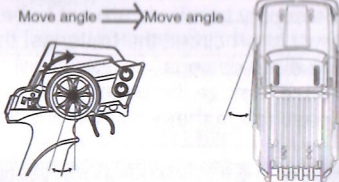
Speed: the highest about 30KM/H

## Proportional R/C Using Instruction

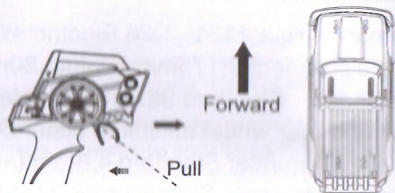
- ① Turn left the steering wheel, the car will turn left. Turning left angle can be adjusted by the degree of wheel twisting.



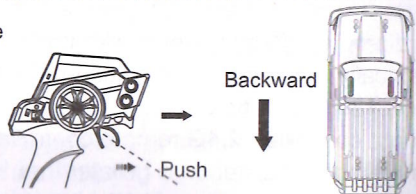
- ② Turn right the steering wheel, the car will turn right. Turning right angle can be adjusted by the degree of wheel twisting.



- 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.

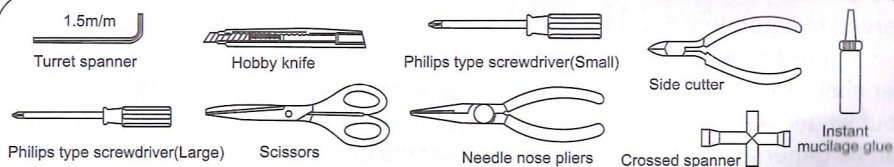


- ④ Loosen the trigger to make it return the neutral position when brake. Push the throttle trigger forward, the car will backward. Adjusting forward angle of throttle trigger adjust backward speed of the car.



## Introduce the common tools and assemble the electron parts

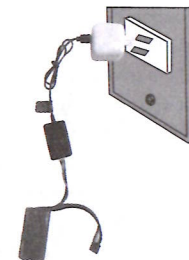
### Tools needed for assembly



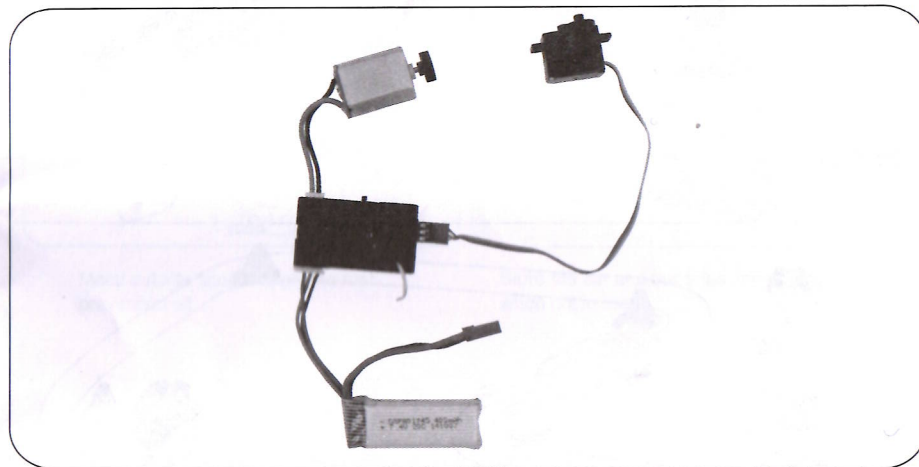
## Charge caution

### 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.



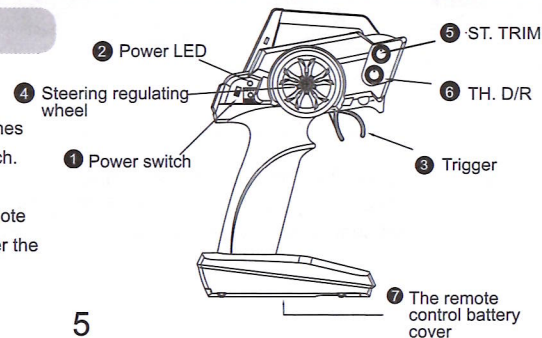
## Assemble the electron parts



## PRACTICE AND MAINTENANCE

### Operating program

1. Turn on the 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.

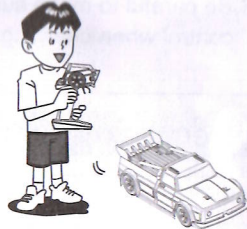
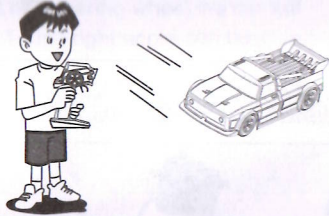


3. Turn the remote control steering wheel ④ to the left or right and make sure that the front wheel's steering follows the command.

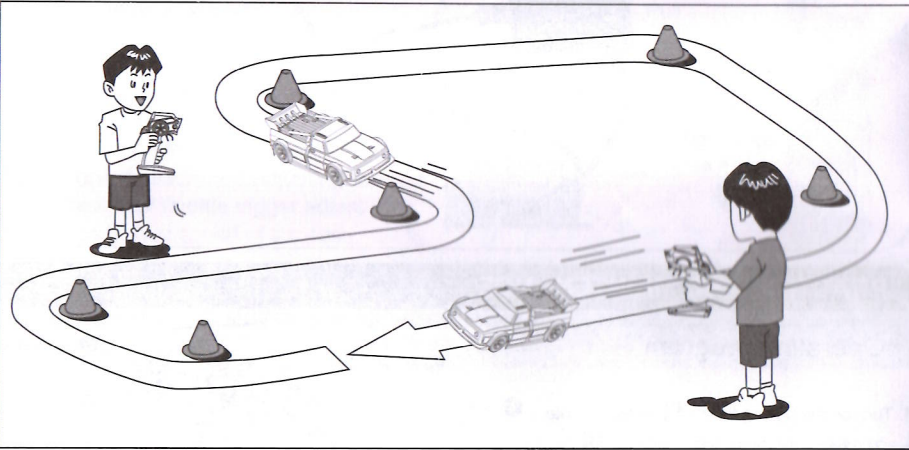
4. The model car on the ground, and standing behind the model car, gently hook the remote control throttle trigger ③, if the model car does not go straight, rotate the remote control front wheel trim ⑤, the model car to the right side, the front wheel Turn the trim to the left, the model car leans to 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.

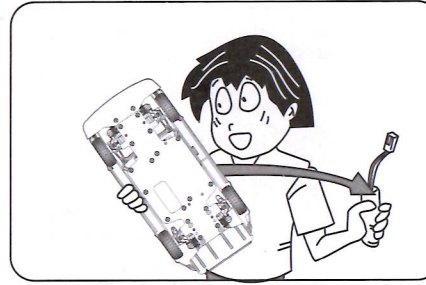


## Practice

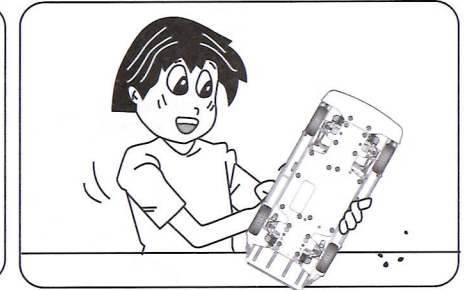


Let's practice! Make R/C car circuit at a wide and safe location using corner pylons (separately available), empty cans or such. Running fast at straight section and slow down at curved section is a basic speed control technique useful when driving R/C car.

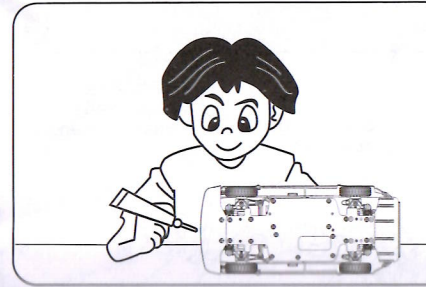
## Maintain



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



Completely remove sand, mud, dirt etc.

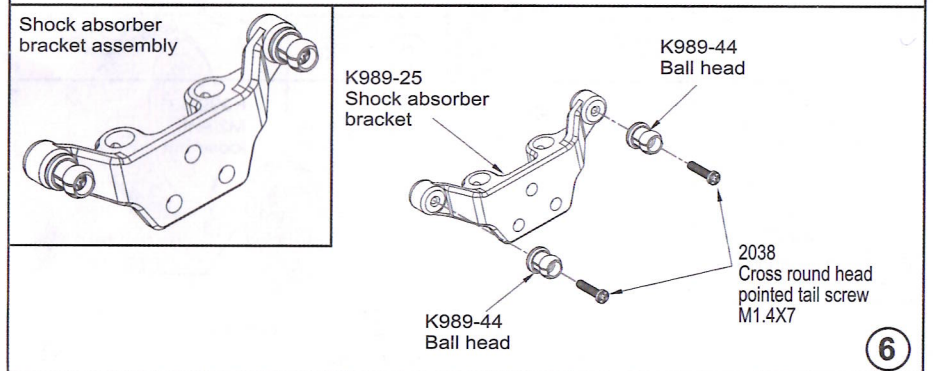
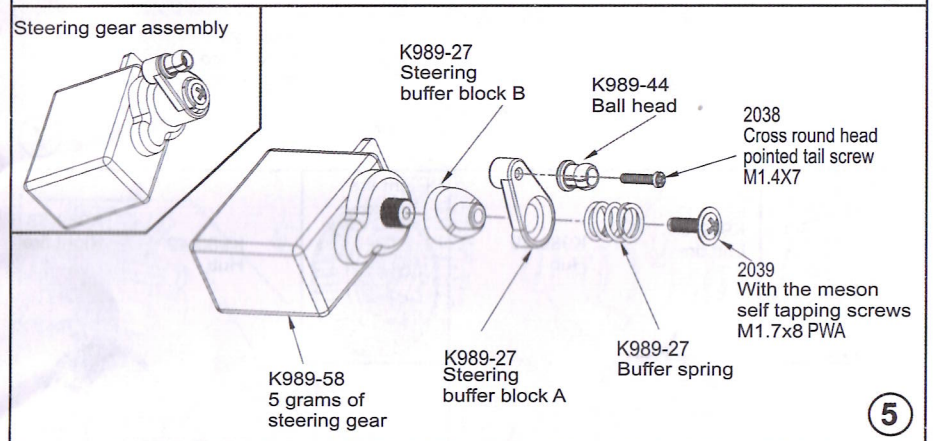
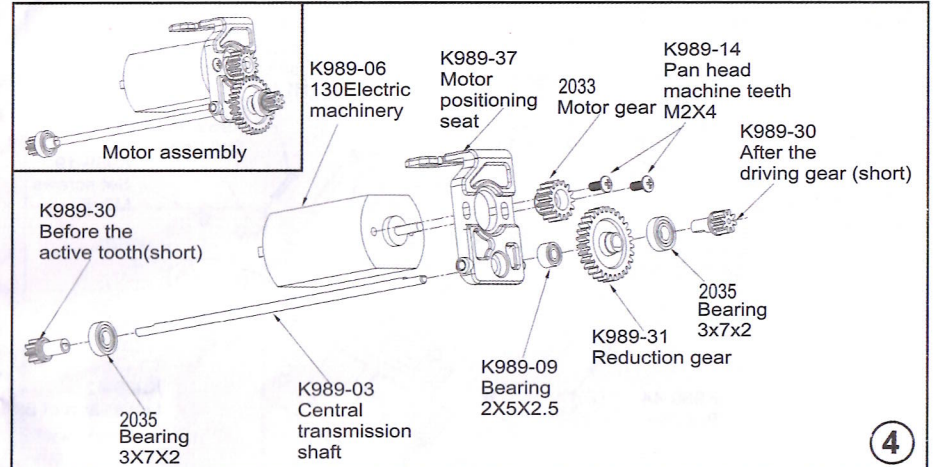
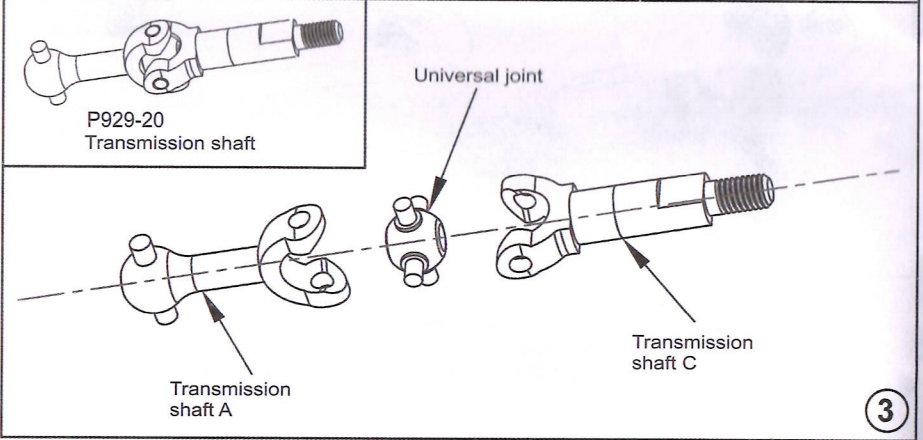
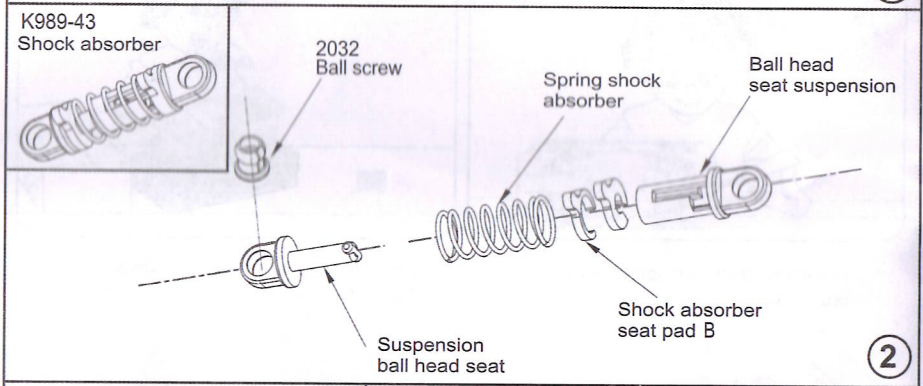
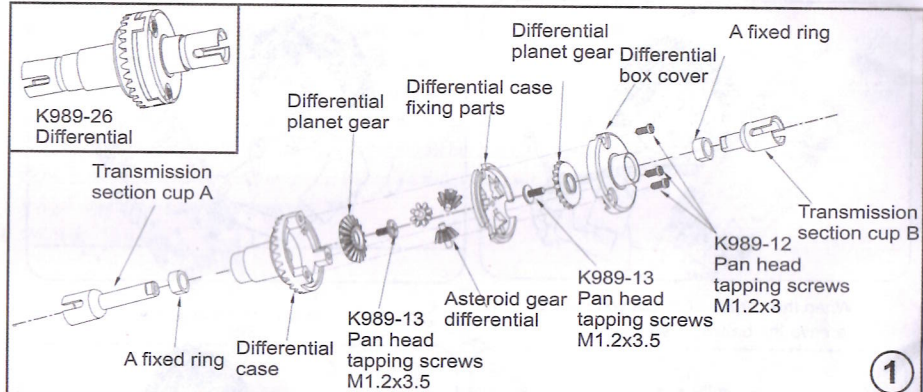


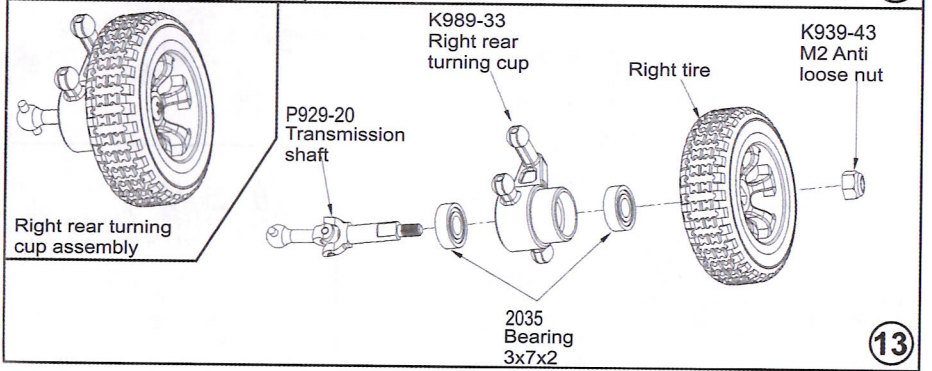
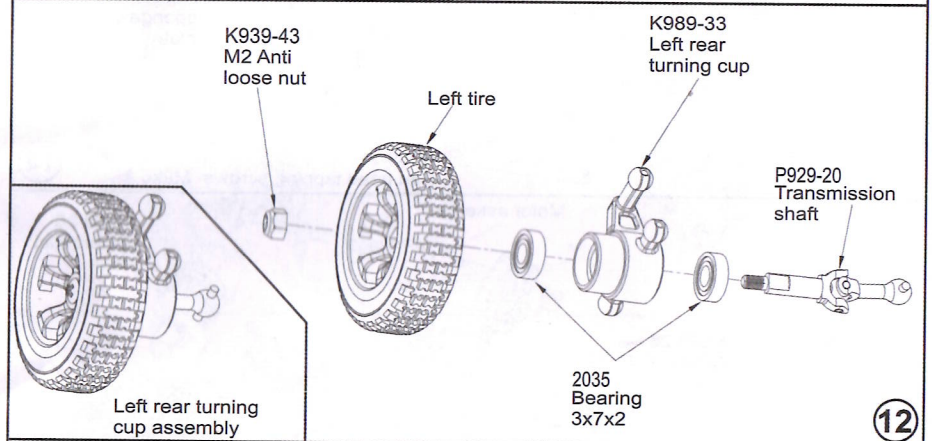
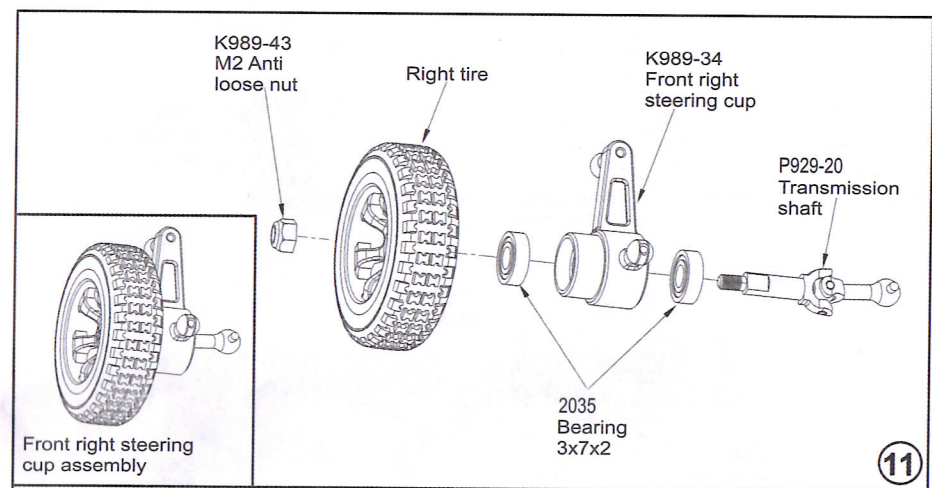
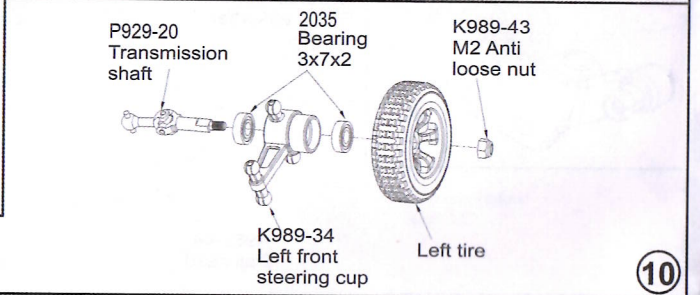
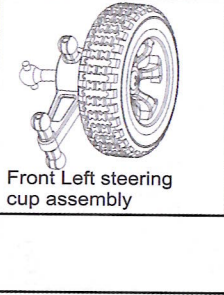
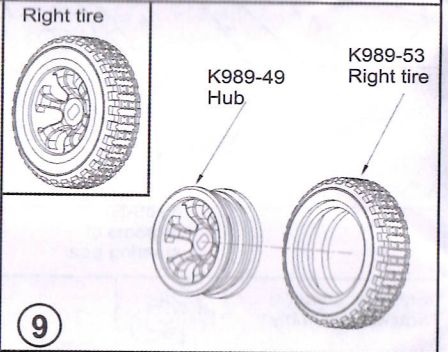
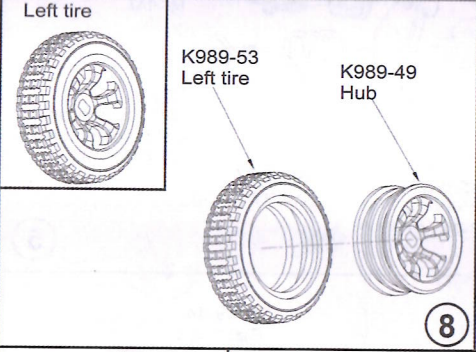
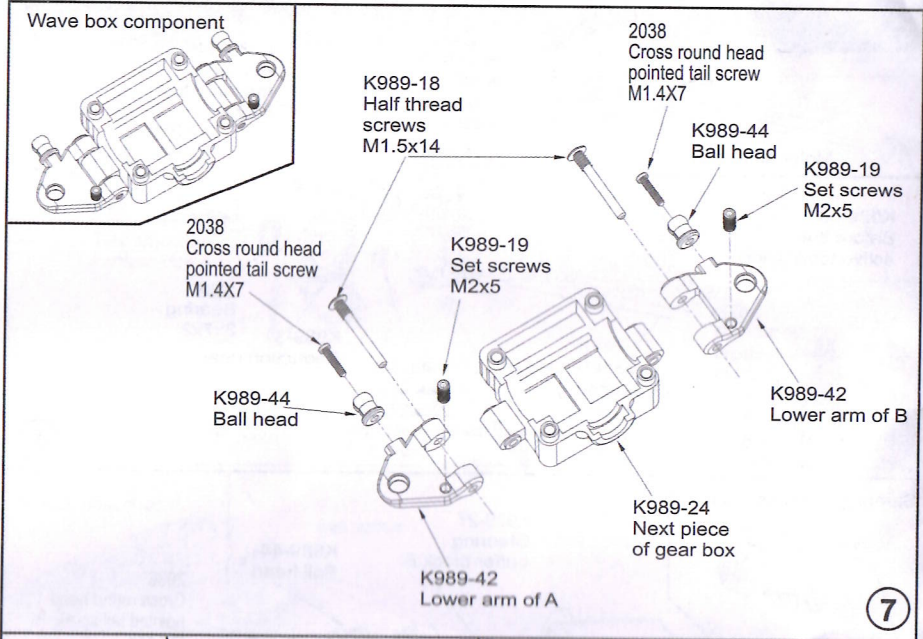
Metal outside should apply the rust prevention oil.

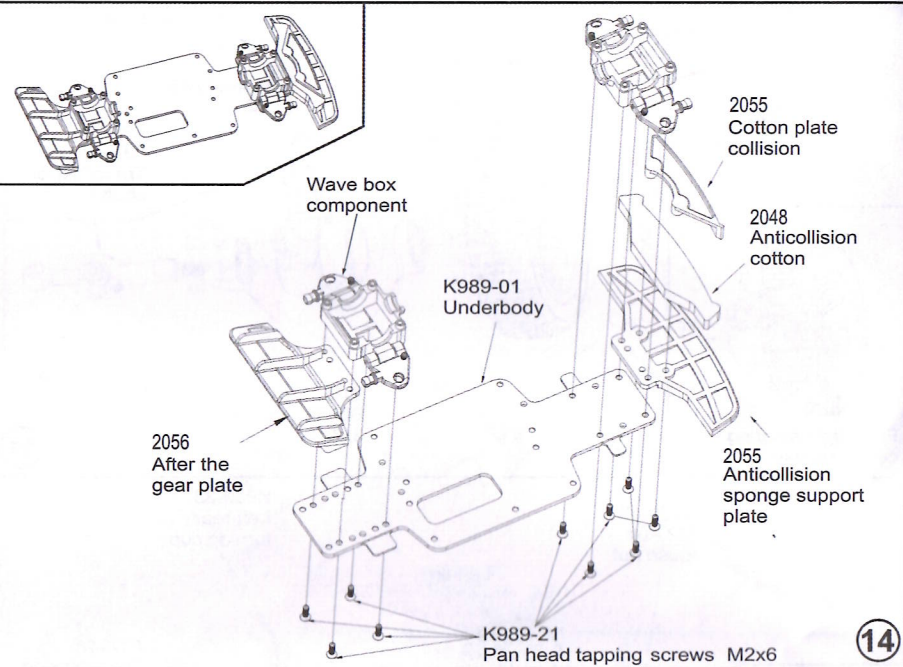


Store the car and batteries separately when not in use.

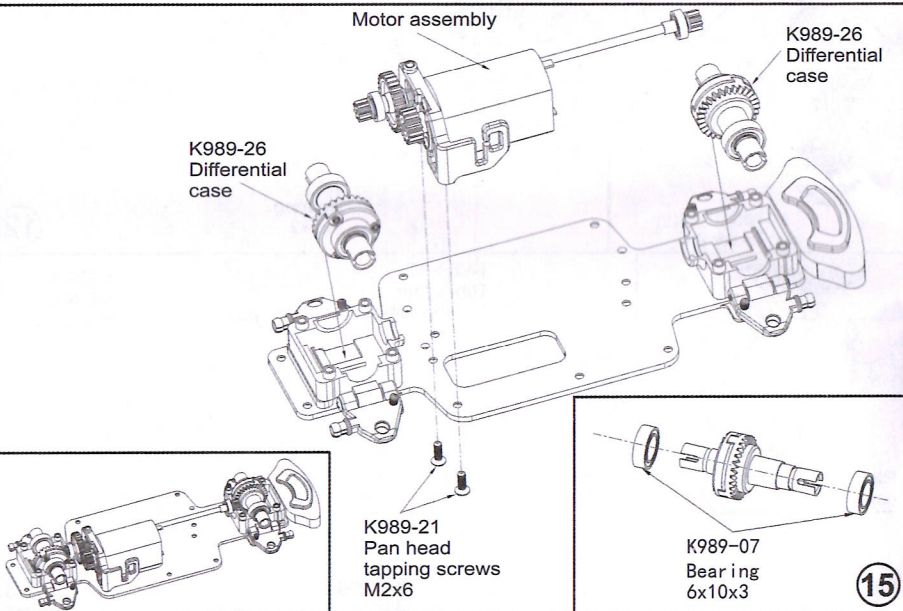
# Assembly Exploded Diagram



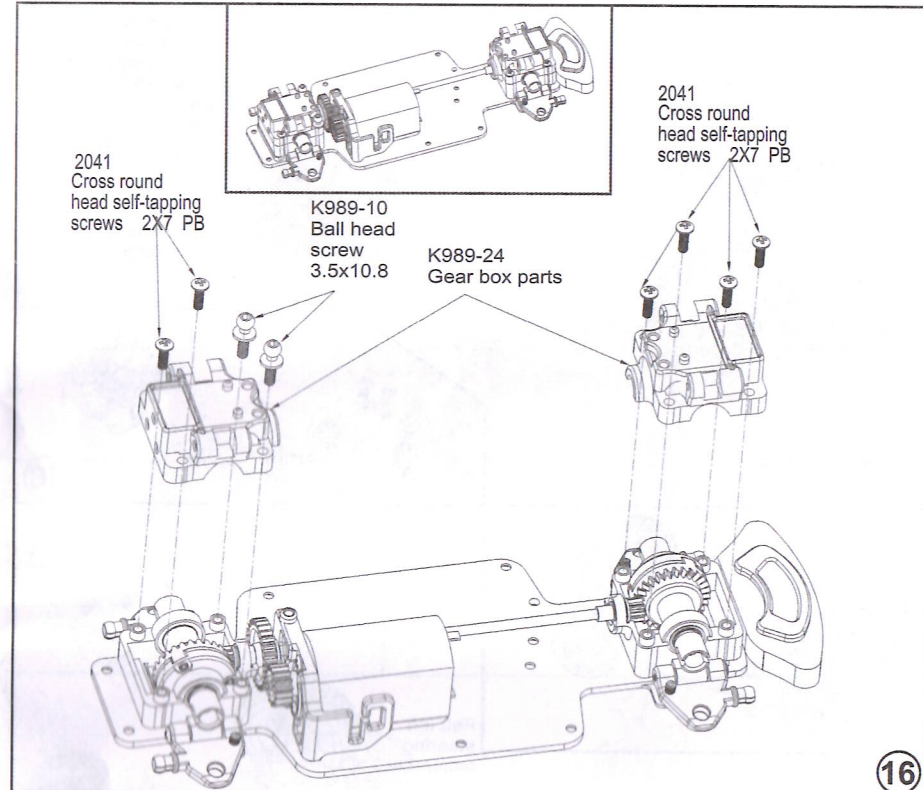




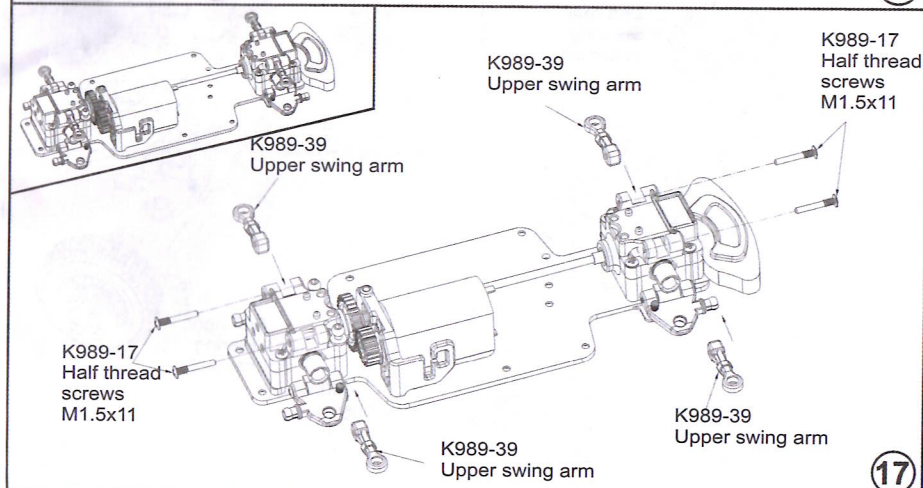
14



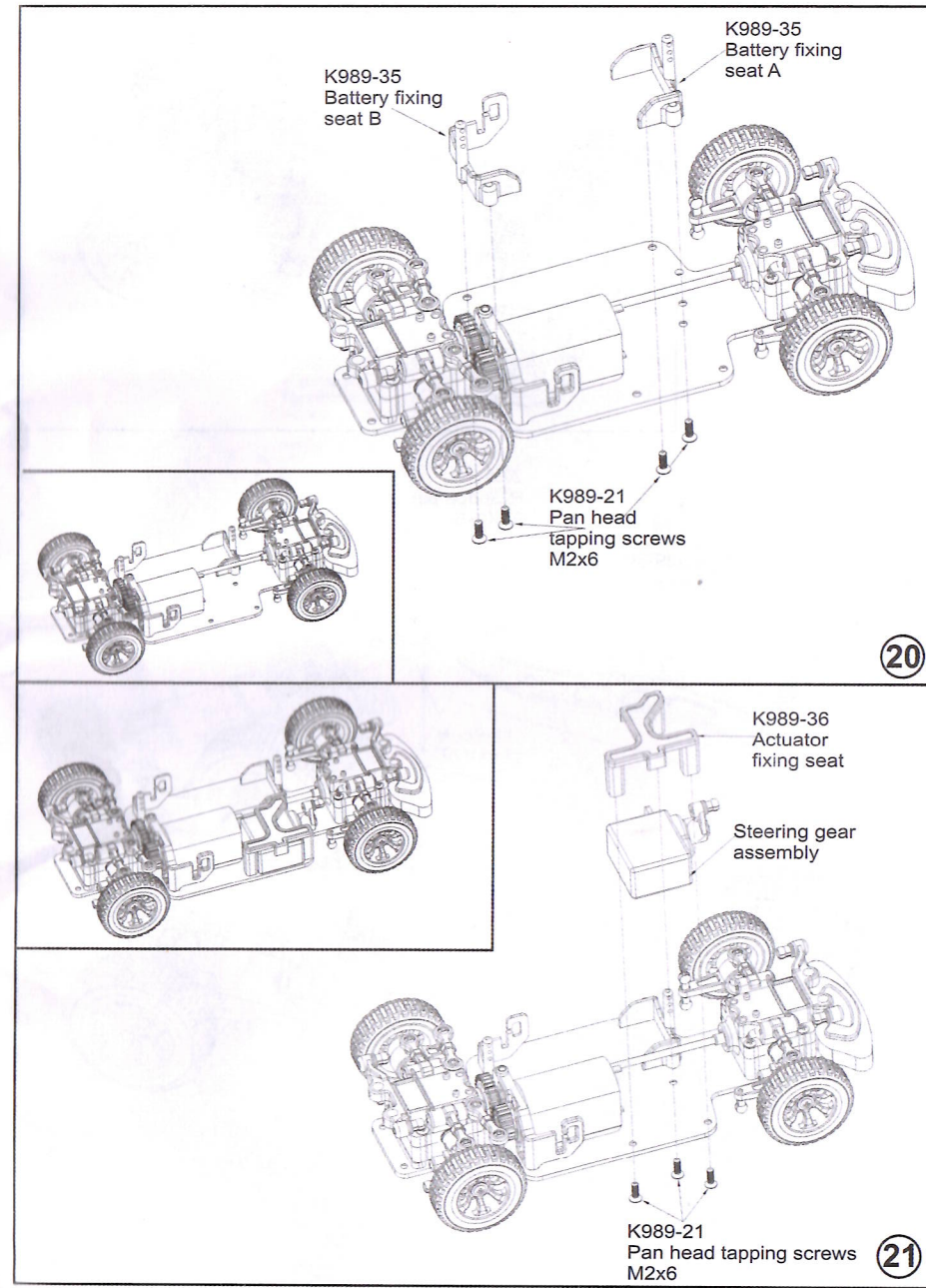
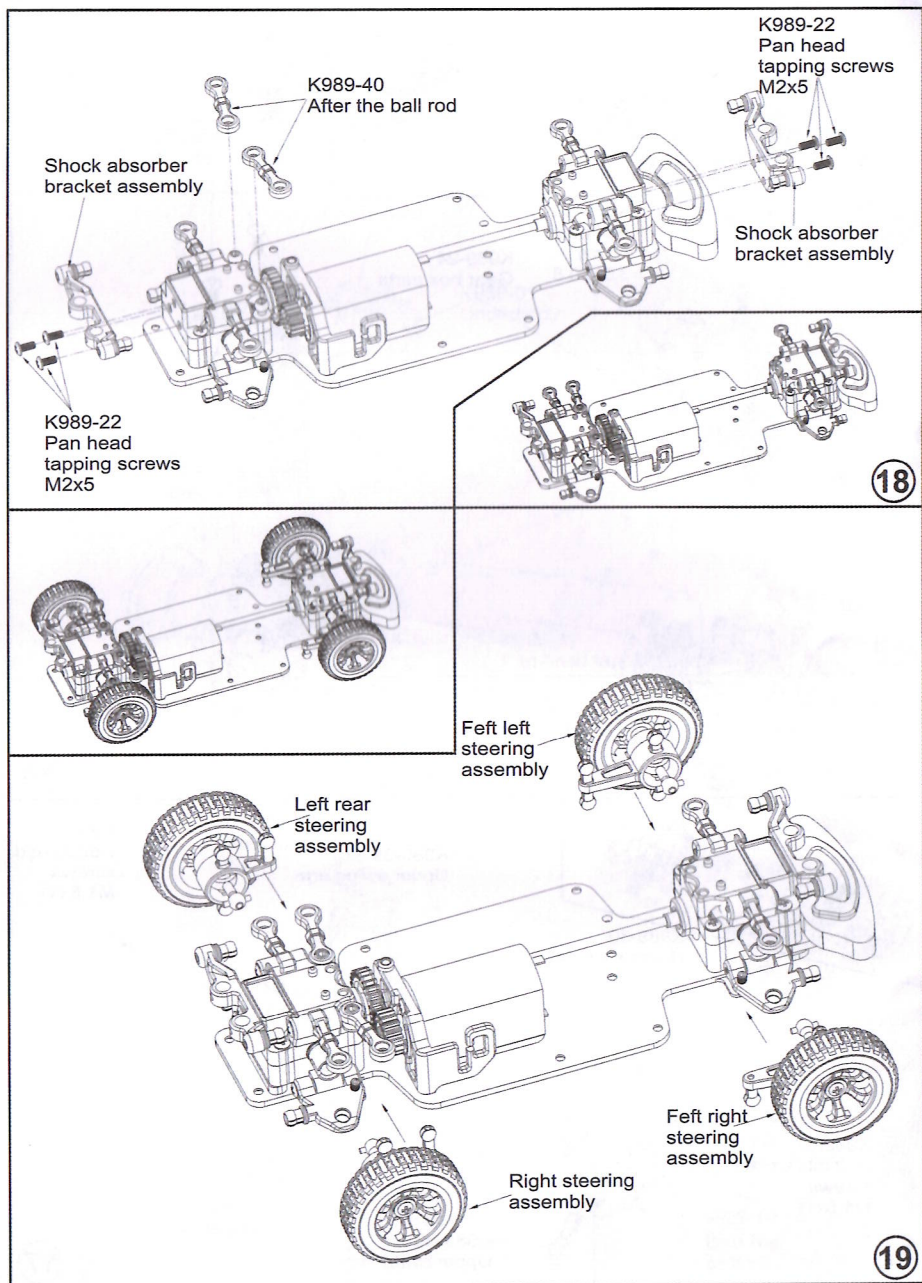
15

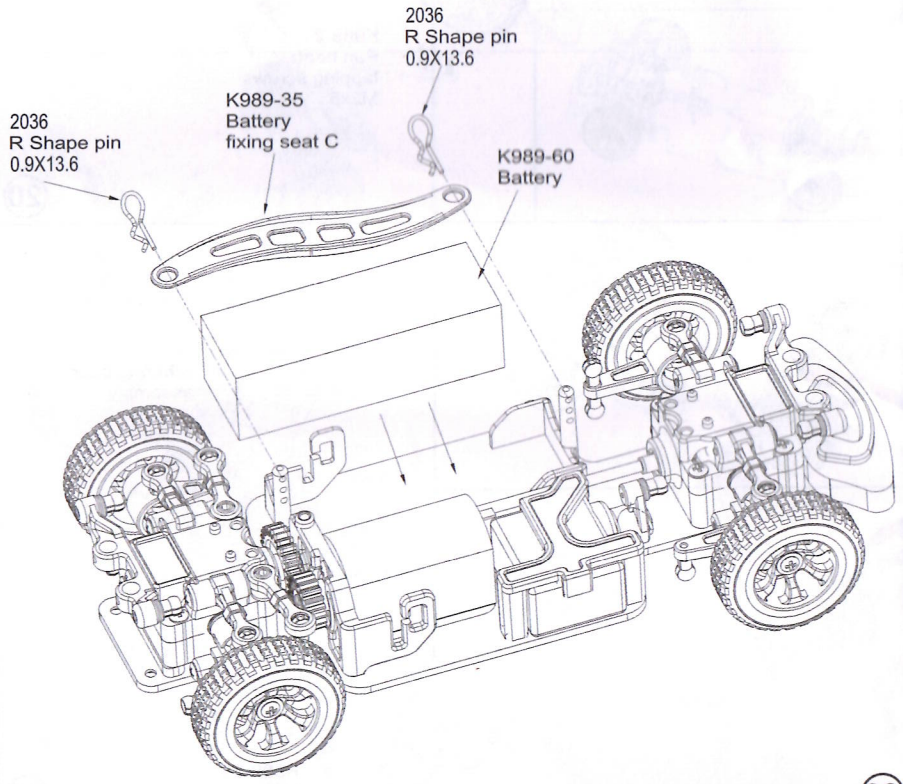
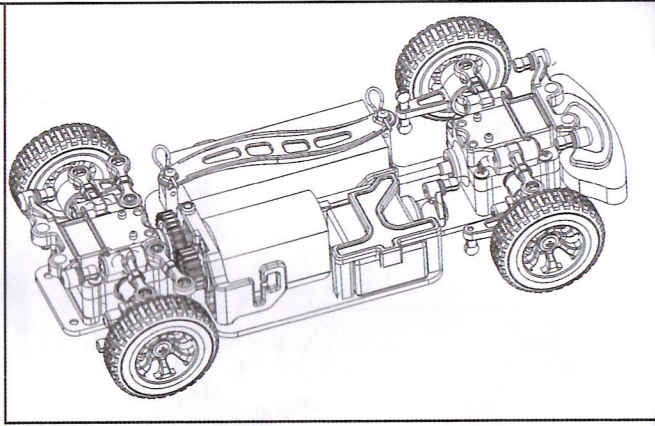


16

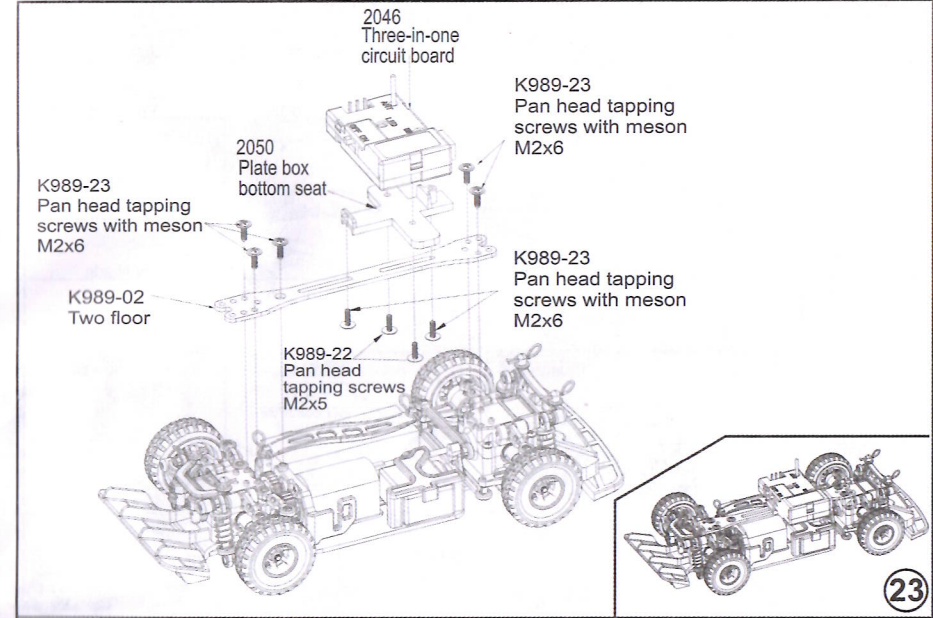


17

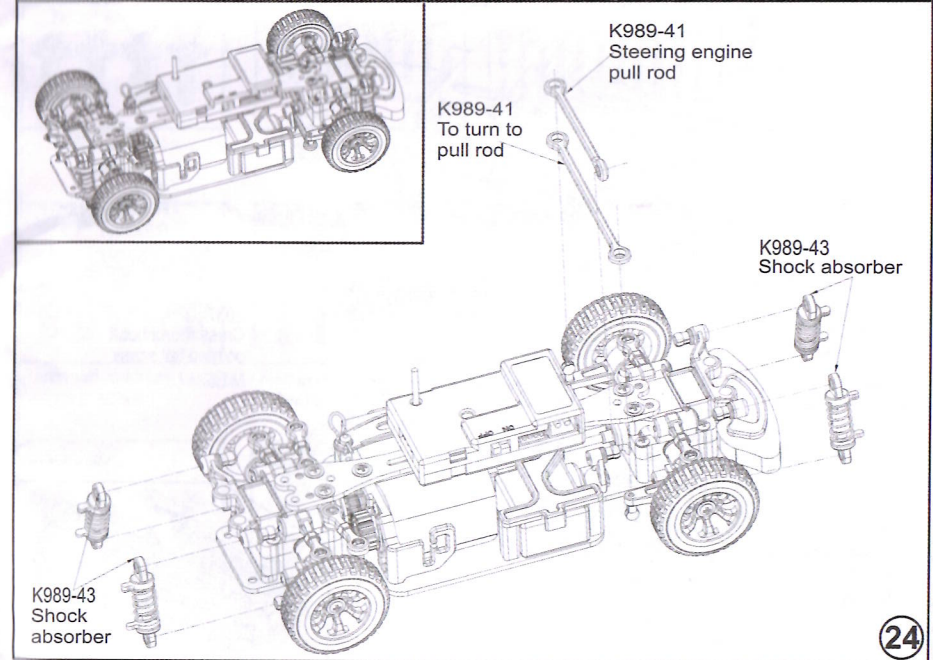




22

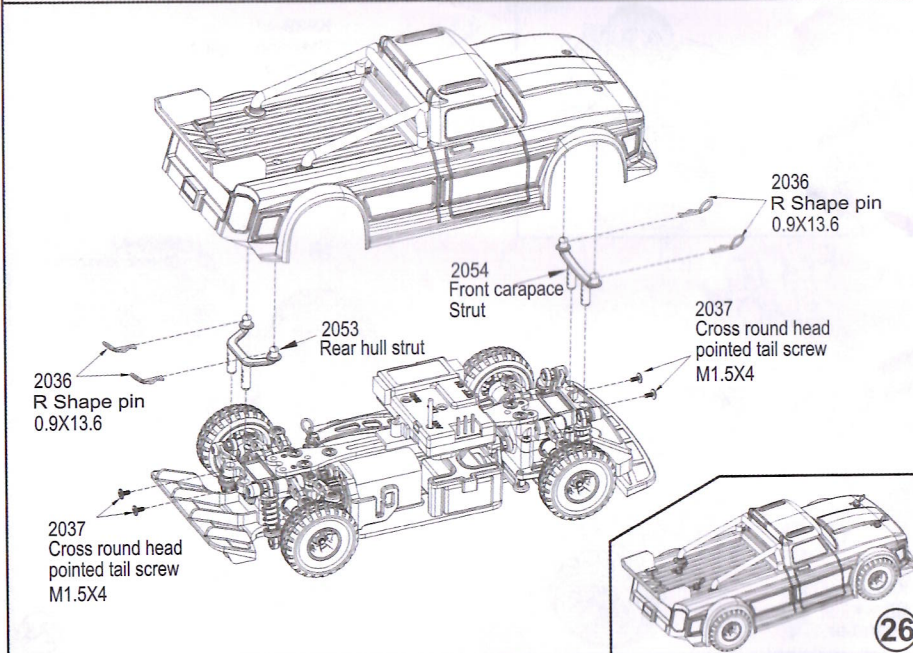
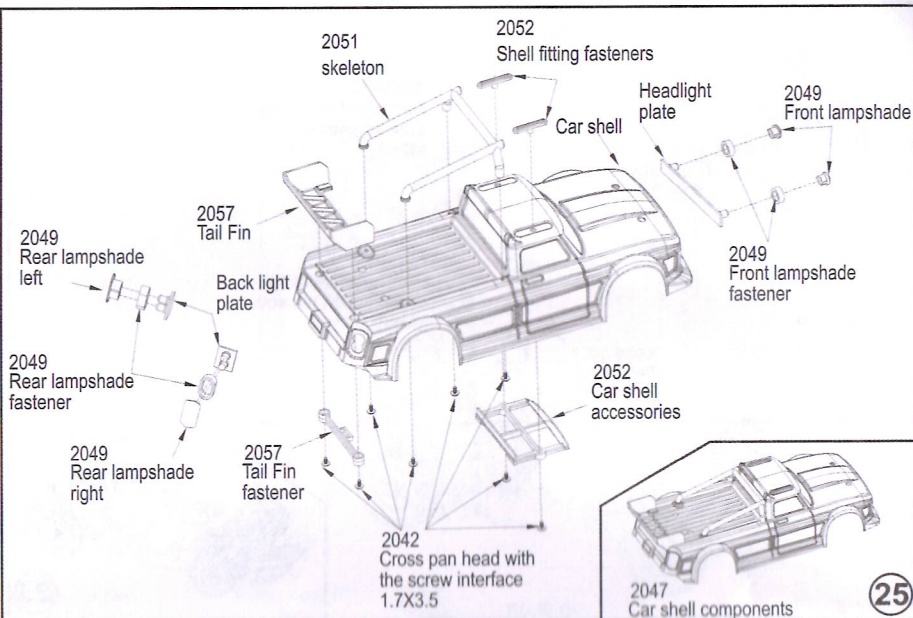


23



24

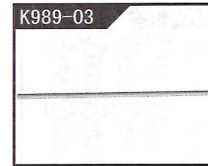
# Sale parts view



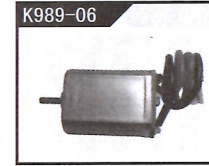
**K989-01**  
Underbody  
127.5X55X1.5



**K989-02**  
Two floor 99x13x1.5



**K989-03**  
Central transmission  
shaft 2x78



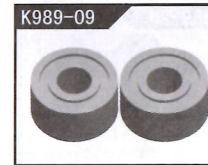
**K989-06**  
130 Electric machinery



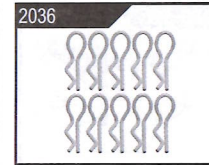
**K989-07**  
Bearing 6x10x3



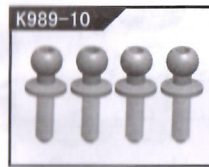
**2035**  
Bearing 3x7x2



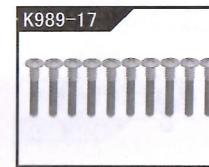
**K989-09**  
Bearing 2x5x2.5



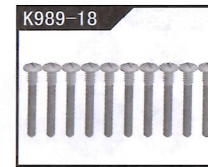
**2036**  
R Shape pin



**K989-10**  
Ball head screw  
3.5x10.8



**K989-17**  
Half thread screws M1.5x11



**K989-18**  
Half thread screws  
M1.5x14



**K989-22**  
Pan head tapping screws  
M2x5



**K989-14**  
Pan head machine teeth  
M2x4



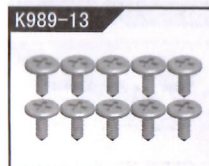
**K989-23**  
Pan head tapping screws  
with meson M2x6



**K989-21**  
Flat head self-drilling  
screw M2x6



**K989-12**  
Pan head tapping screws  
M1.2x3



**K989-13**  
Pan head tapping  
screws M1.2x3.5



**2037**  
Cross round head pointed  
tail screw M1.5X4



**2038**  
Cross round head  
pointed tail screw M1.4X7



**2039**  
With the meson self  
tapping screws M1.7x8 PWA

## Sale parts view

2040



Cross round head self-tapping screws 2X6 PB

2041



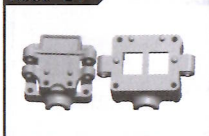
Cross round head self-tapping screws 2X7 PB

2042



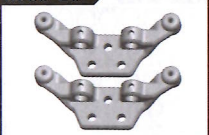
Cross pan head with the screw interface 1.7X3.5

K989-24



Gear box

K989-25



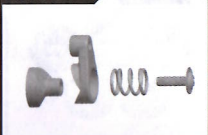
Suspension bracket

K989-26



Differential

K989-27



Steering gear buffer accessories

K989-30



Before and after active tooth

K989-31



Reduction gear

K989-32



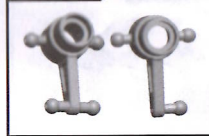
Motor gear

K989-33



After turning the cup

K989-34



Before turning to the cup

K989-35



Battery seat assembly

K989-36



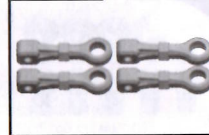
Actuator fixing seat

K989-37



Motor positioning seat

K989-39



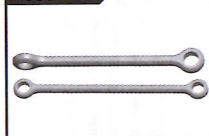
Upper swing arm

K989-40



After the ball rod

K989-41



Pull rod assembly

K989-42



Lower arm

K989-43



Shock absorber

## Sale parts view

K989-44



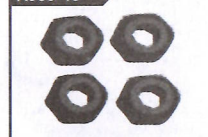
Ball head

P929-20



Transmission shaft

K939-43



Nut M2

K989-49



Hub

2046



Three in one circuit board

K989-53



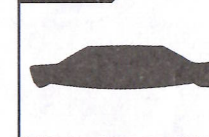
Tire

2047



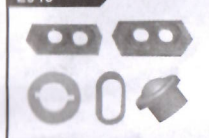
Shell

2048



Anticollision cotton 5X60

2049



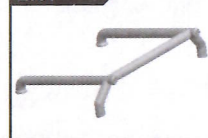
Rear lampshade

2050



Plate box bottom seat

2051



skeleton

2052



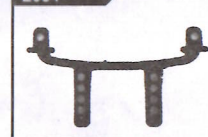
Shell fitting fasteners

2053



Rear hull strut

2054



Front carapace Strut

2055



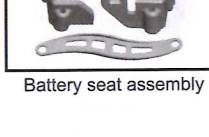
Cotton plate collision

2056



After the gear plate

K989-58



Tail Fin

1374



5g Digital servo

K989-60



USB charging line

1669



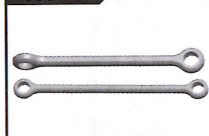
Battery

2032



Remote controller

2033



Ball screw

2033



Motor copper gear