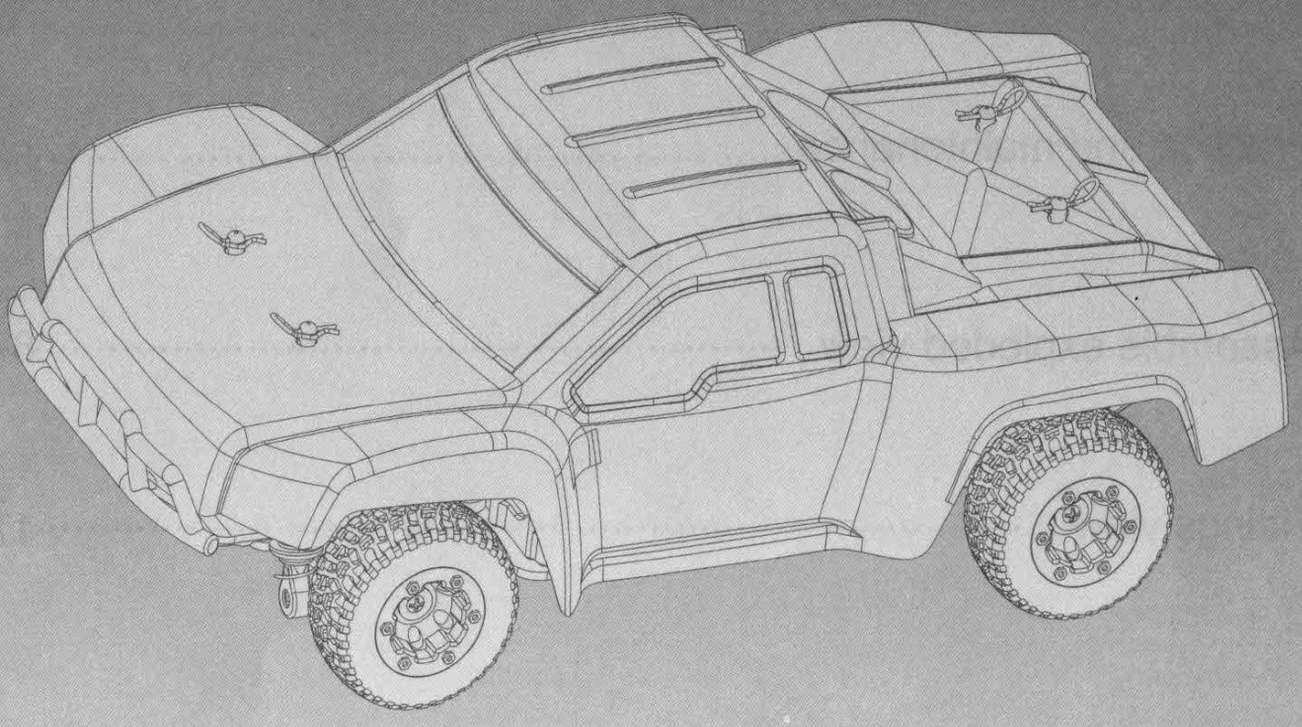
1:24 Electric 4WD Short Truck



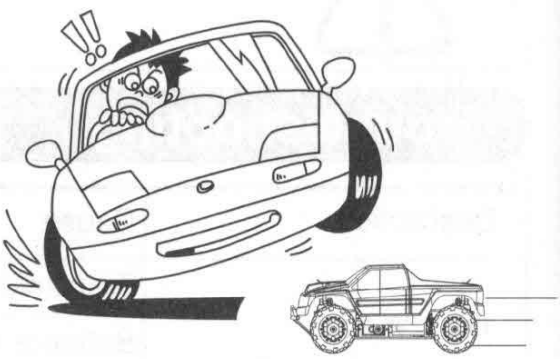
Caution:This model is not a toy,It is designed for user over 14 years of age.

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

The instruction is suitable for a type of modle whose number is A232.

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.



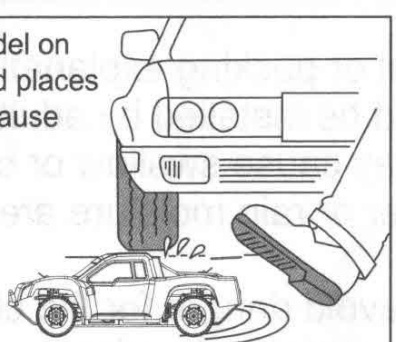
*To avoid a runaway R/C model or loss of control,always follow the procedure below:
1.Fully extend transmitter antenna.
2.Switch on transmitter.
3.Switch on R/C model.
*Follow reverse procedure to shut down.
*Never touch or hinder rotating tire.
*Never run R/C model in the rain or let run over puddles,as 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 madel 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

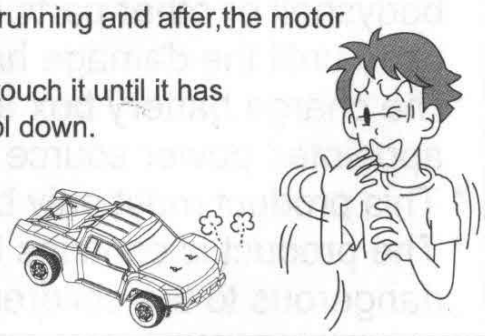
Do not operate the model on public roads,in crowded places or near infants,it may cause accidents or injury.



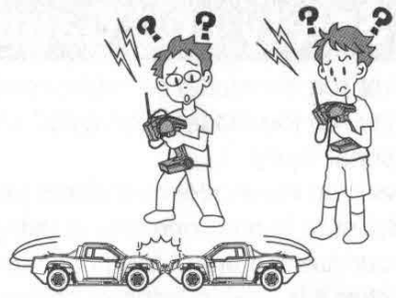
As the product includes small and sharp parts,assemble and store this product only in places out of the reach of children.

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.	Charge your radio frequency to the one no one else is using,wait until the driver using the same radio frequeny 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 seeper 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.

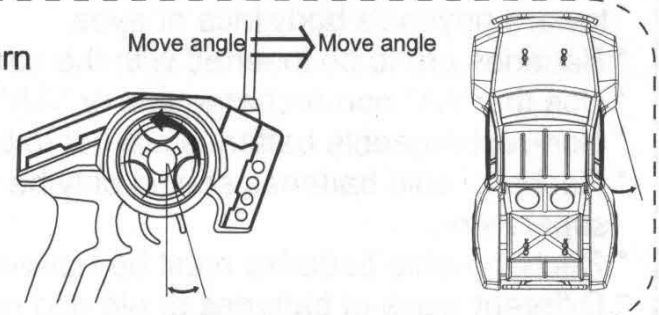
* Apart the charger and toy before clean.
* As the front end of the antenna may be dangerous,do not aim it toward anyone's body,face or eyes.
* Batteries are to be inserted with the correct polarity.
* Use the "AA" non-rechargeable or "AA" rechargeable batteries.
* Non-rechargeable batteries are not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

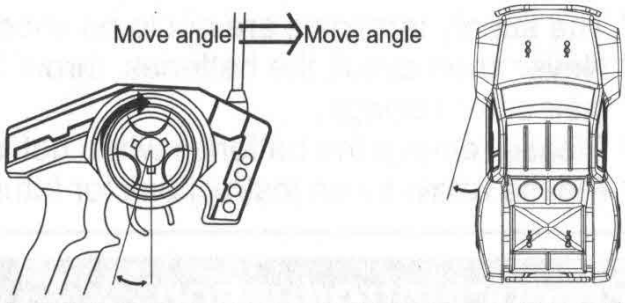
★Type:1:24 Electric 4WD short truck
★Product size: length203 * width114 * high 70MM
★Wheelbase: Standard 120MM
★The minimum distance of front and rear wheel: Standard 85MM
★Ground clearance: Standard 8.5MM (adjustable)
★Transmission ratio: 1:5.97
★Tire diameter: 35MM ;wheel width:15MM
★ESC receiving server: three in one circuit
★Motor: 180 brush motor
★Remote control: 2.4G Remote control
★Remote control distance: greater than or equal to 100 meters
★Remote control battery: 4 AA batteries (not included)
★Battery: Lithium battery 7.4V 500mAh , Strong energy, strong explosive
★Charger: lipo balance
★Charging time: 1 hours and a half
★Use time: 15 minutes or so
★Server: independent 5 g digital servo with servo protection, steering sensitive, rapid response
★Car shell: antiknock PVC printing car shell, beautiful Crashworthiness
★Four wheel independent suspension system, sealed box. Shape simulation, suitable for a wide range of people

Proportional R/C Using Instruction

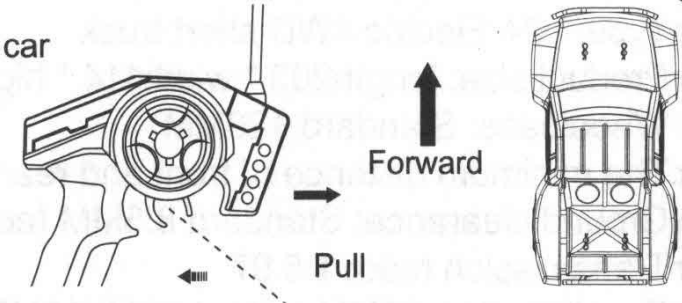
① Turn left the steering wheel,the car will turn left.Turing left angle can be adjusted by the degree of wheel twisting.



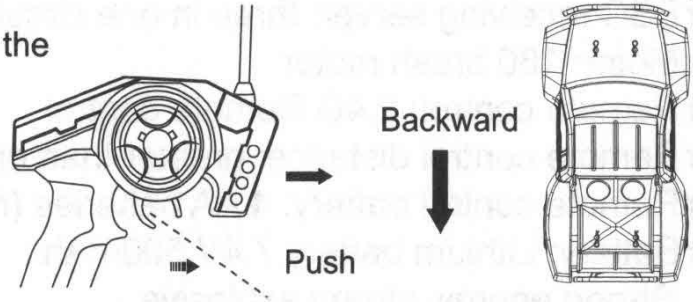
② Turn right the steering wheel,the car will turn right.Turing right angle can be adjusted by the degree of wheel twisting.



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.

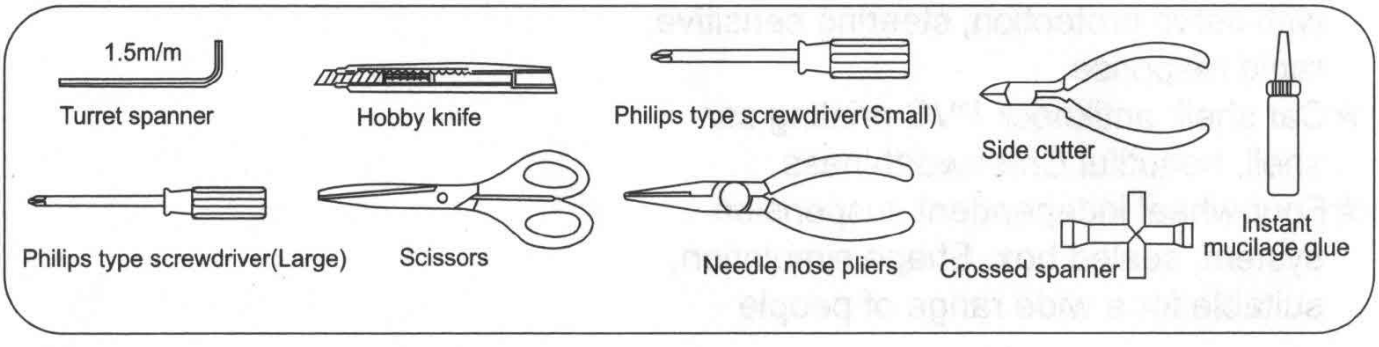


④ Loosen the trigger to make it return the neutral position when brake. Push the throttle trigger forward,the car will backward.Adjusting forward angle of throttle trigger adjust backward speed of the car.



Introduce the common tools and assemble the electron parts

Tools needed for assembly



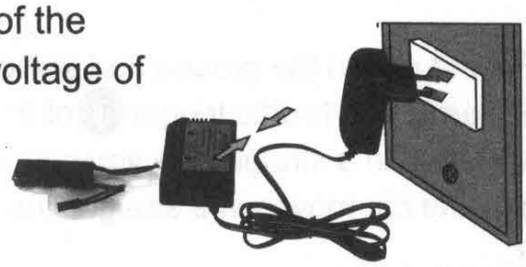
Charge caution

CHARGING BATTERY

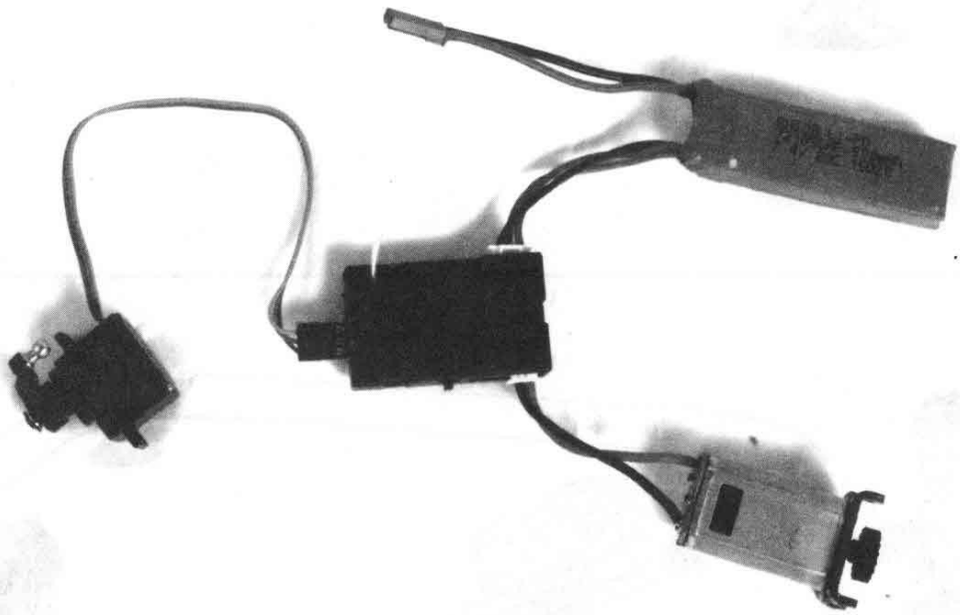
1)Please firstly check and confirm input voltage of the charge is consistent with local voltage,output voltage of the charge is consistent with battery voltage.

2)Battery must be used up before you charge, Charging time is not more than 1. 5 hours.

3)Be careful to make sure there is adult to control when charging.



Assemble the electron parts



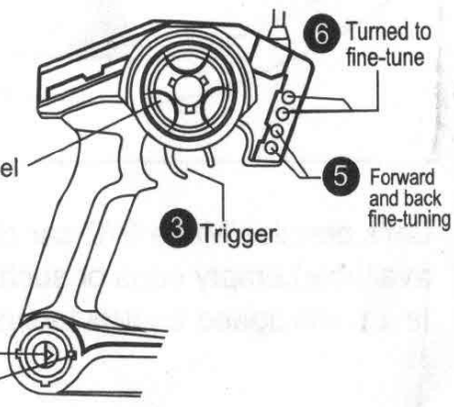
PRACTICE AND MAINTENANCE

Operating program

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

2>Put the car on the frame or stand.If wheel is running self-motion, adjust the trim ❺ of transmitter until the wheel is still.

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

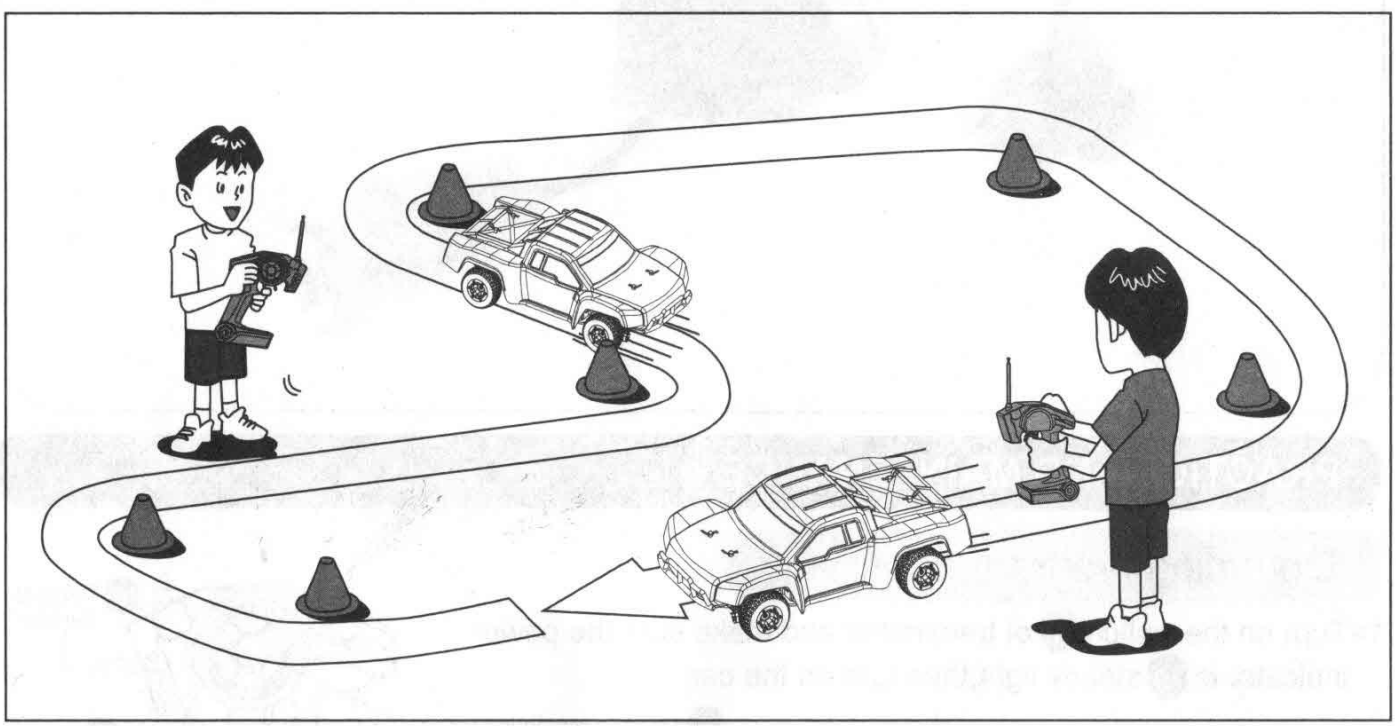


4>Turn steering adjusting wheel ❹ of transmitter to left or right,and make sure the steering of front wheels follow the instruction.

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

6>OK,ready to run.

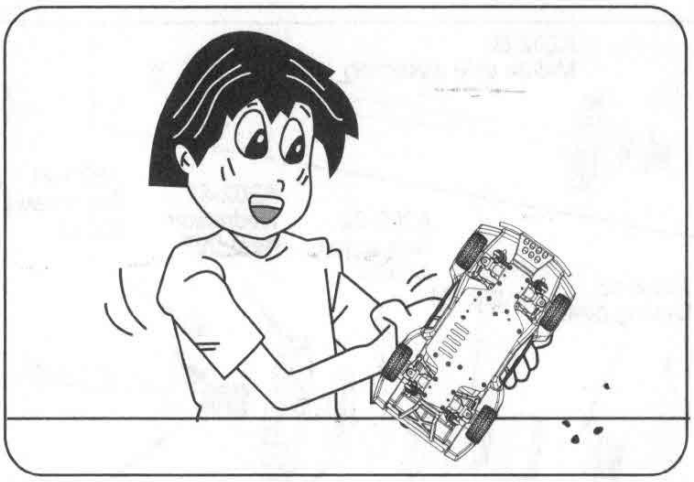
Practice



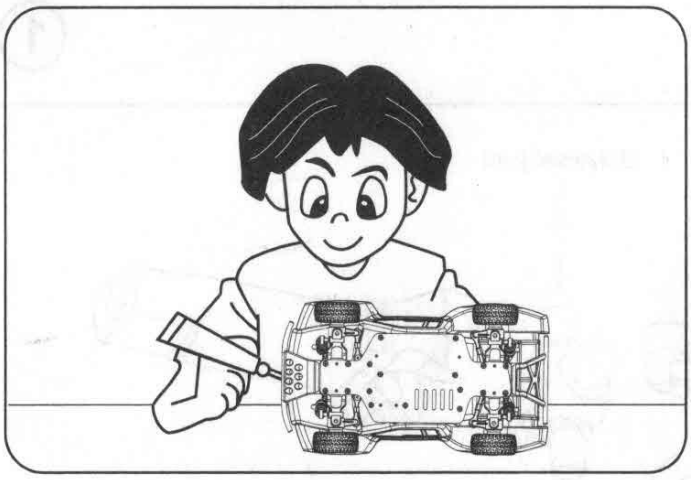
Let's practice!Make R/C car circuit at a wide and safe location using corner pylons(separately available),empty cans or such.Running fast at straight section and slow down at curved section is a basic speed control technique useful when driving R/C car.

Maintain

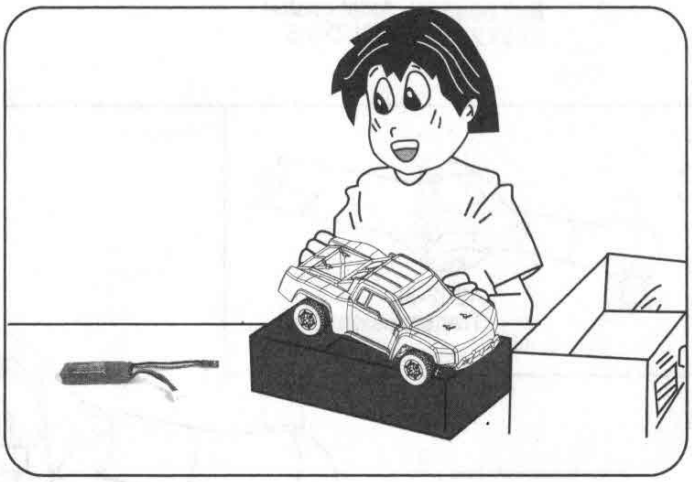
When the car is not in use,you should remove the battery from the car.



Completely remove sand,mud,dirt etc.

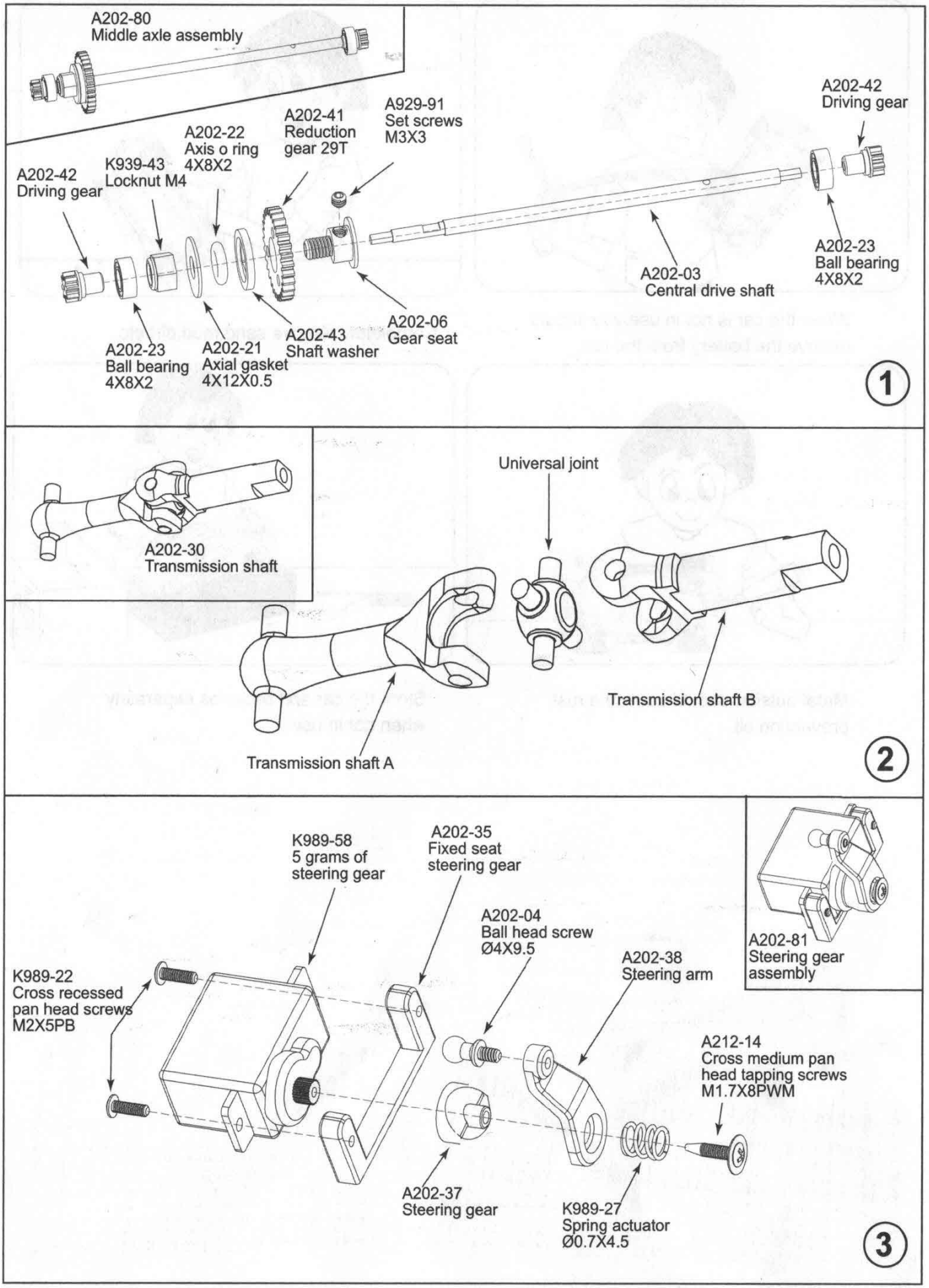


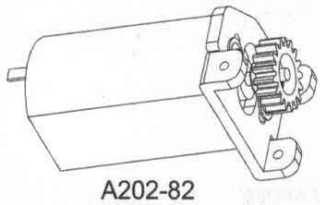
Metal outside should apply the rust prevention oil.



Store the car and batteries separately when not in use.

Assembly Exploded Diagram





A202-82
Motor assembly

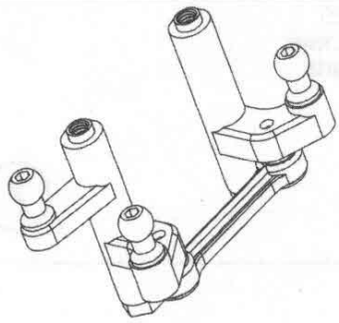
A202-60
180 Electrical
Appliances

A202-07
Motor seat

A202-17
Cross recessed pan
head machine screws
with dielectric
M2X4PWM

A202-40
Motor gear 17T

4



A202-83
Steering assembly

A202-04
Ball head screw
Ø4X9.5

A202-05
Ball head screw
Ø4X12.5

A202-33
Left steering
shaft sleeve

A202-36
Steering
shaft rod

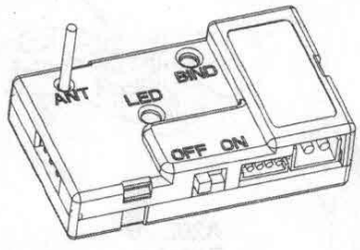
A202-34
Right steering
shaft sleeve

A202-16
Cross medium pan
head tapping screws
M2X8PWB

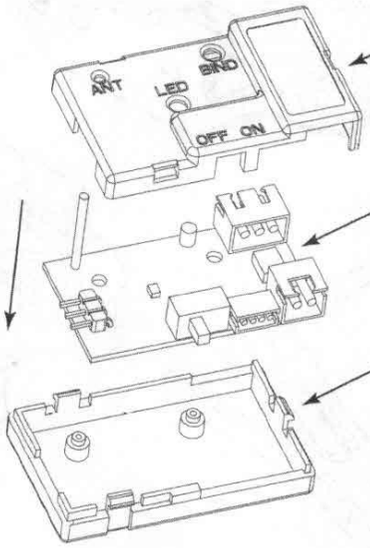
A202-39
To set

A202-08
Steering shaft

5



A202-84
Three in one electronic board

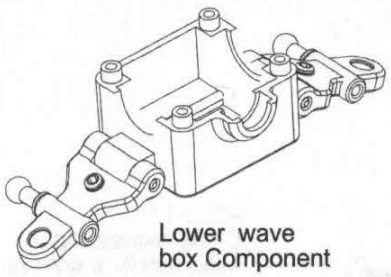


K989-52
Circuit board box cover

A202-44
Three in one circuit board

K989-52
Circuit board box cover

6



Lower wave box Component

A202-11
Cross head half screw M1.5X15PB

A202-05
Ball head screw Ø4X12.5

A929-86
Set screws M3X5

A202-31
Lower swing arm

A929-86
Set screws M3X5

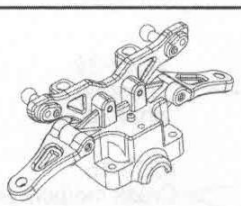
A202-11
Cross head half screw M1.5X15PB

A202-05
Ball head screw Ø4X12.5

A202-25
Gear Lower box parts

A202-31
Lower swing arm

7



Upper wave box Component

A202-05
Ball head screw Ø4X12.5

A202-27
Shock absorber bracket

A202-13
Cross recessed pan head tapping screws M2X8PB

A202-12
Cross head half screw M1.5X12PB

A202-32
Upper swing arm

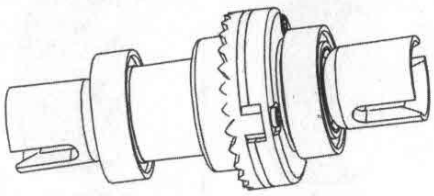
A202-05
Ball head screw Ø4X12.5

A202-12
Cross head half screw M1.5X12PB

A202-26
Gear box parts the upper

A202-32
Upper swing arm

8



A202-28
Differential case

K989-12
Cross recessed pan head tapping screws
M1.2X3CA

Transmission day cup B

Fixed ring

Differential planet gear

A202-20
Head Ø4.8
Cross head tapping screws
M1.8X3.5CA

A202-24
Ball bearing
8X12X3.5

Differential box cover

Differential gear planet

Differential planet gear

Fixed ring

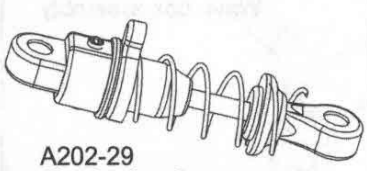
Transmission day cup A

Differential case fixing piece

Differential case

A202-24
Ball bearing
8X12X3.5

9



A202-29
Shock absorber

A202-09
Spring shock absorber
Ø 0.5X25

Shock absorber ball head seat

Shock absorber cylinder

K989-20
Cross recessed pan head screws
M1.4X4CA

A202-10
Pivot screw
Step half tooth
M2X17PB

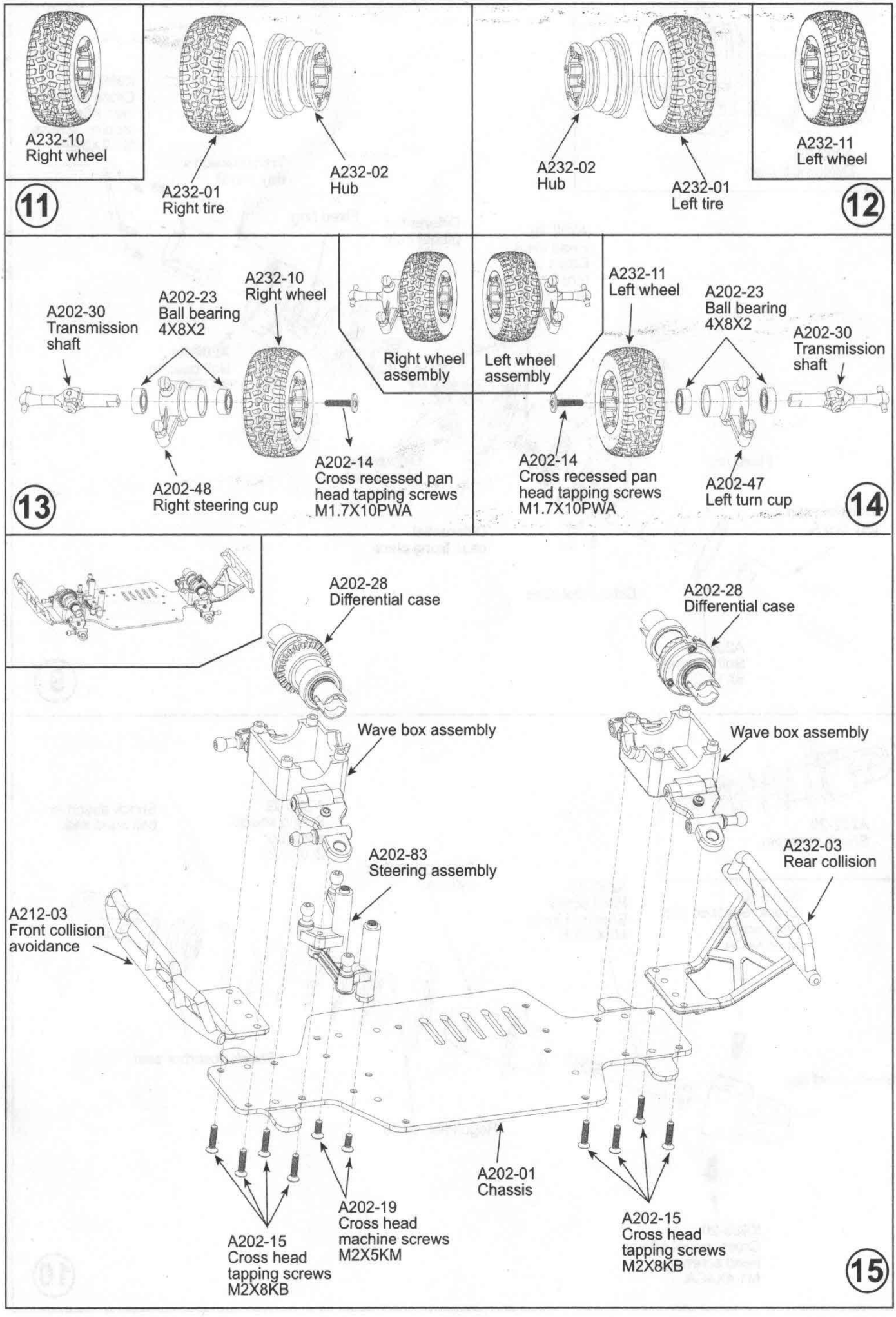
Shock absorber seat

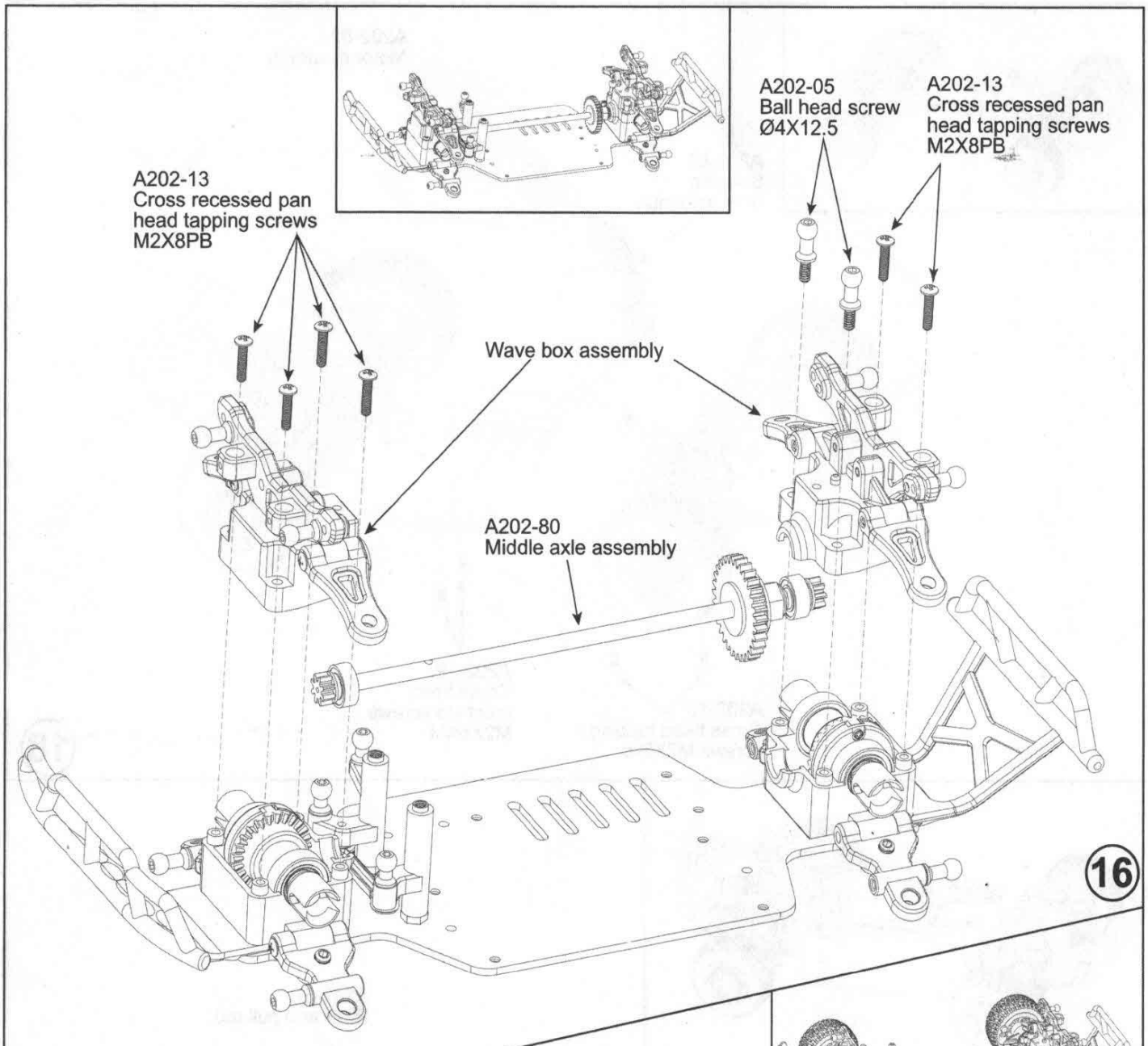
Shock proof cap

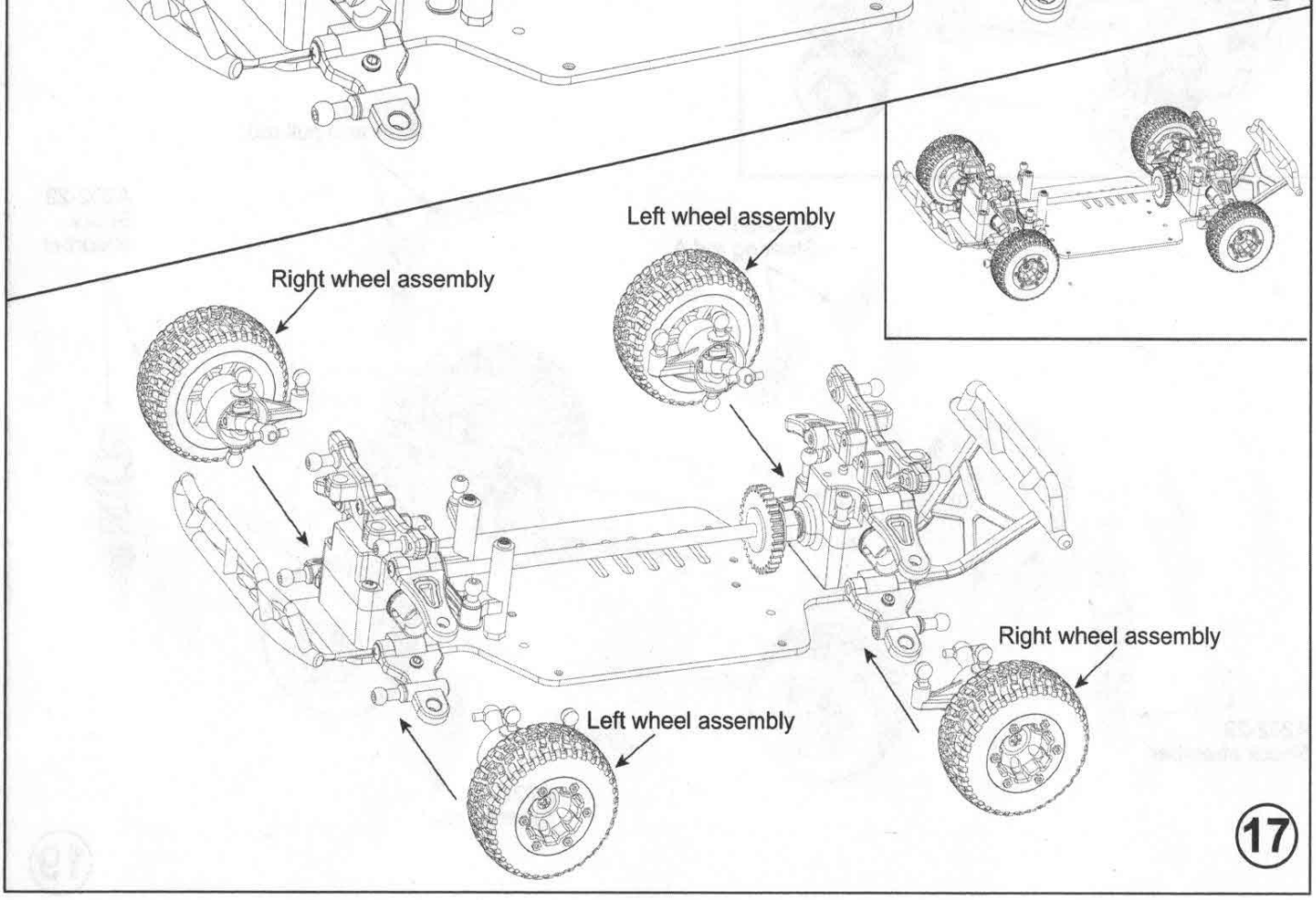
Regulation circle

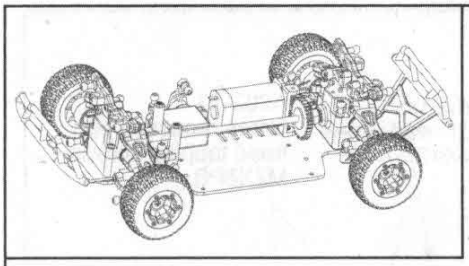
K989-20
Cross recessed pan head screws
M1.4X4CA

10


A232-10
Right wheel
A232-01
Right tire
A232-02
Hub
11
A232-02
Hub
A232-01
Left tire
A232-11
Left wheel
12
A202-30
Transmission
shaft
A202-23
Ball bearing
4X8X2
A232-10
Right wheel
A202-48
Right steering cup
A202-14
Cross recessed pan
head tapping screws
M1.7X10PWA
13
Right wheel
assembly
Left wheel
assembly
A232-11
Left wheel
A202-23
Ball bearing
4X8X2
A202-30
Transmission
shaft
A202-14
Cross recessed pan
head tapping screws
M1.7X10PWA
A202-47
Left turn cup
14
A202-28
Differential case
A202-28
Differential case
Wave box assembly
Wave box assembly
A202-83
Steering assembly
A232-03
Rear collision
A212-03
Front collision
avoidance
A202-01
Chassis
A202-19
Cross head
machine screws
M2X5KM
A202-15
Cross head
tapping screws
M2X8KB
A202-15
Cross head
tapping screws
M2X8KB
15


A202-13
Cross recessed pan
head tapping screws
M2X8PB
A202-05
Ball head screw
Ø4X12.5
A202-13
Cross recessed pan
head tapping screws
M2X8PB
Wave box assembly
A202-80
Middle axle assembly
16


Left wheel assembly
Right wheel assembly
Right wheel assembly
Left wheel assembly
17



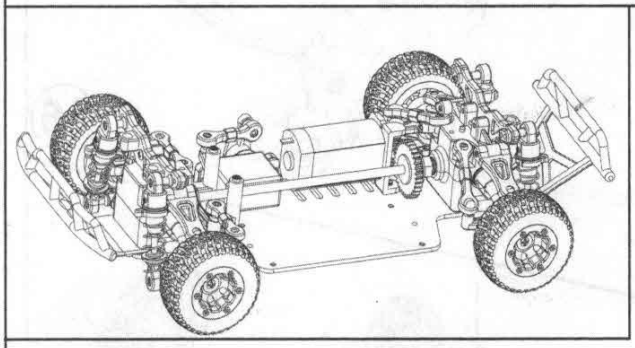
A202-82
Motor assembly

A202-81
Steering
gear assembly

A202-18
Cross head tapping
screws M2X6kb

A202-19
Cross head
machine screws
M2X5KM

18



A202-52
Rear arm pull rod

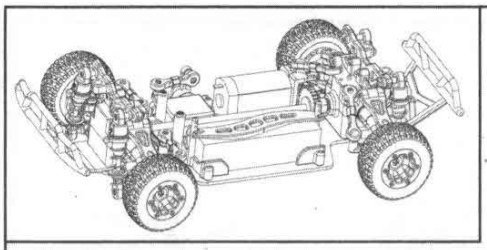
A202-51
Steering rod A

A202-29
Shock
absorber

A202-29
Shock absorber

A202-53
Steering rod

19



A202-55
Battery plate

A202-61
Lithium battery
7.4V 500mAh

A202-54
Battery fixing seat

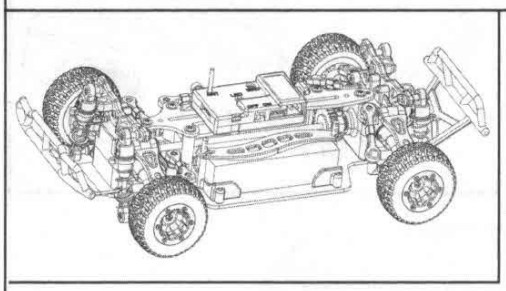
A202-54
Battery fixing seat

K989-11
Battery fixing seat
12XØ0.7

K989-11
Battery fixing seat
12XØ0.7

A202-18
Cross head tapping screws
M2X6KB

20



A202-17
Cross recessed pan head machine screws with dielectric
M2x4PWM

A202-84
Three in one electronic board

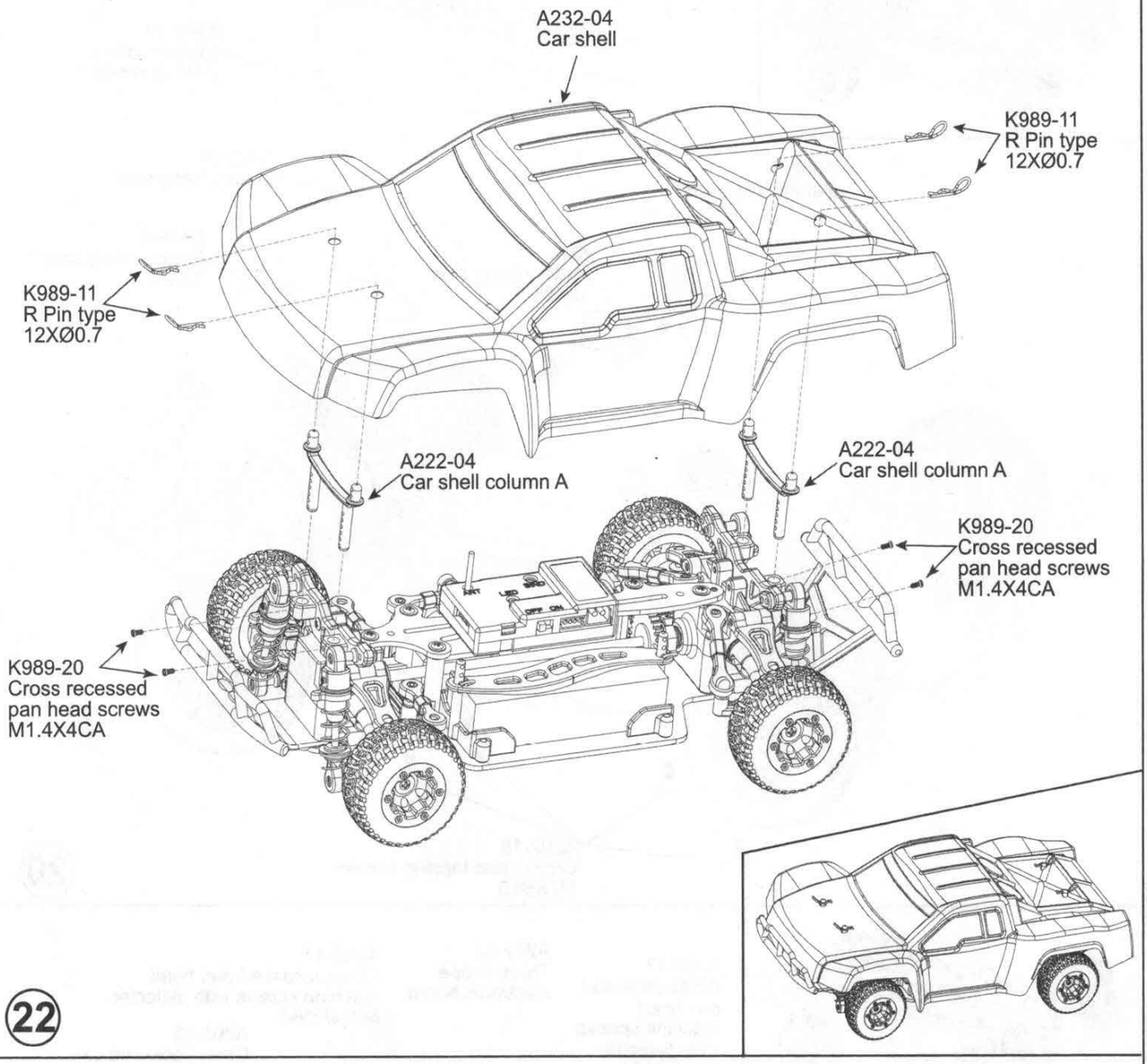
A202-17
Cross recessed pan head machine screws with dielectric
M2x4PWM

A202-16
Cross recessed pan head tapping screws with dielectric
M2x8PWB

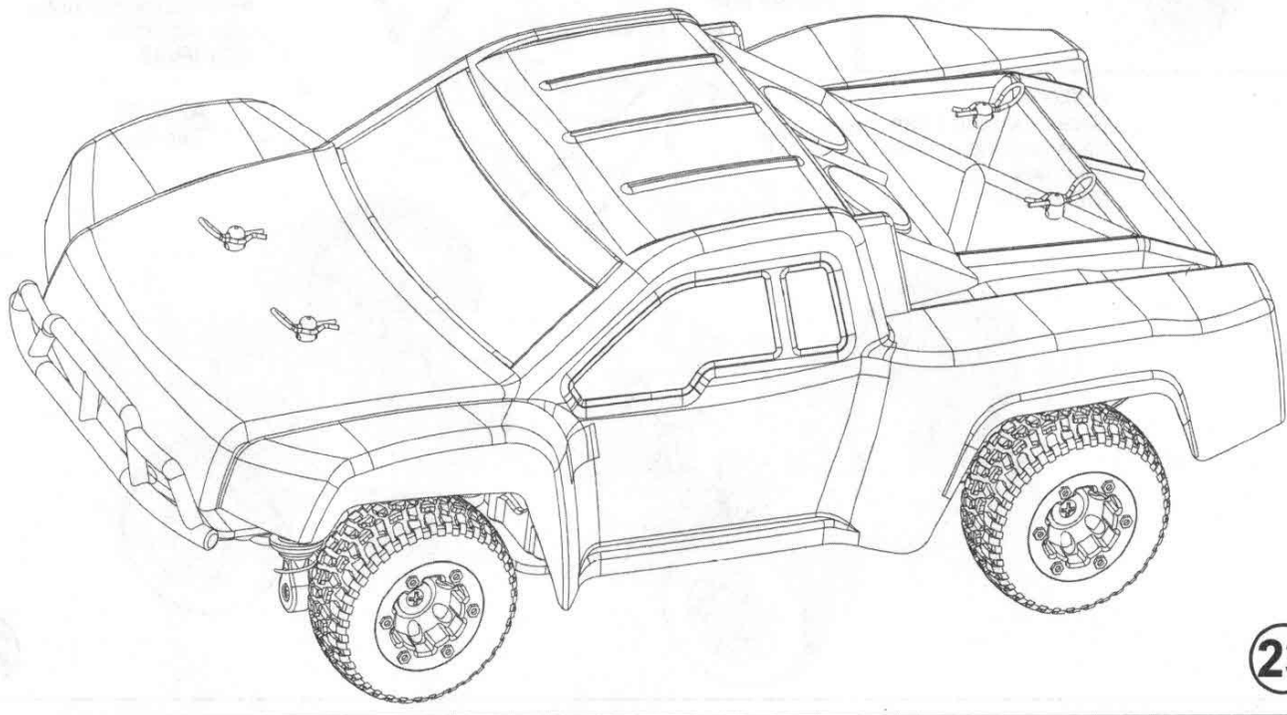
A202-16
Cross recessed pan head tapping screws with dielectric
M2x8PWB

A202-02
Two floor

21


A232-04
Car shell
K989-11
R Pin type
12XØ0.7
K989-11
R Pin type
12XØ0.7
A222-04
Car shell column A
A222-04
Car shell column A
K989-20
Cross recessed
pan head screws
M1.4X4CA
K989-20
Cross recessed
pan head screws
M1.4X4CA

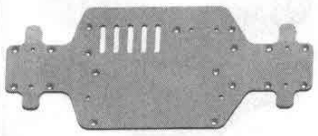
22



23

Sale parts view

A202-01



Chassis

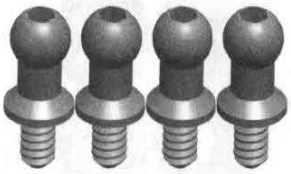
A202-02

Two floor

A202-03

Central drive shaft

A202-04



Ball head screw
Ø 4X9.5

A202-05

Ball head screw
Ø 4X12.5

A202-06

Gear seat

A202-07

Motor seat

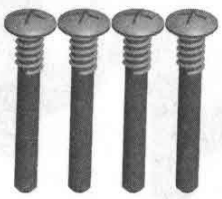
A202-08

Steering shaft
4.5X24

A202-11

Cross head half screw
M1.5x15PB

A202-12



Cross head half screw
M1.5X12PB

A202-13

Cross recessed pan
head tapping
M2X8PB

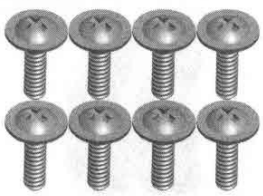
A202-14

Cross medium pan head
tapping screws
M1.7X10PWA

A202-15

Cross head
tapping screws
M2X8KB

A202-16



Cross madium pan head
tapping csrewa
M2X8PWB

A202-17

Cross recessed pan head
machine screws with
dielectric M2X4PWM

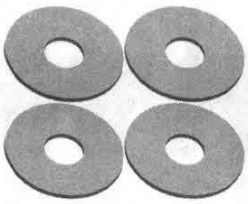
A202-18

Cross head tapping
screws M2X6KB

A202-19

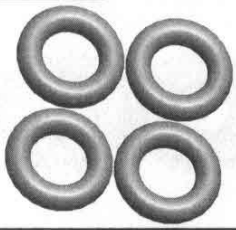
Cross head machine
screwsM2X5KM

A202-21



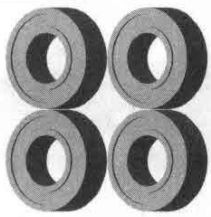
Shim 4X12X0.5

A202-22



Axis O ring
Ø4*8*2

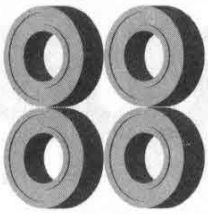
A202-23



Bearing
4x8x2

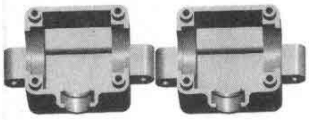
Sale parts view

A202-24



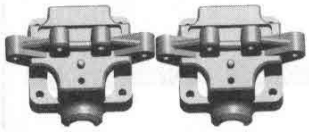
Ball bearing
8x12x3.5

A202-25



Gear lower box parts

A202-26

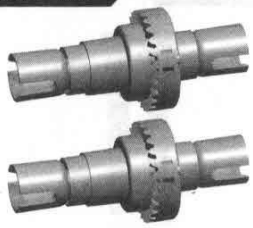


Gear box parts the upper

A202-27

Shock absorber bracket

A202-28

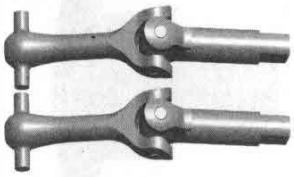


Differential case

A202-29

Shock absorber

A202-30



Transmission shaft

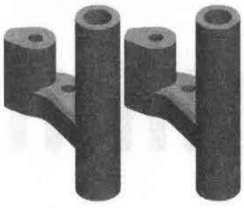
A202-31

Lower arm

A202-32

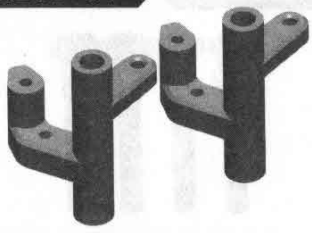
Upper swing arm

A202-33



Turn left sleeve

A202-34

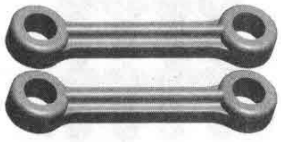


Right steering
shaft sleeve

A202-35

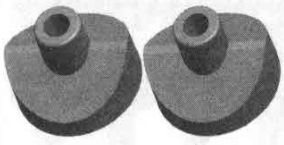
Fixed seat steering gear

A202-36



Steering shaft rod

A202-37

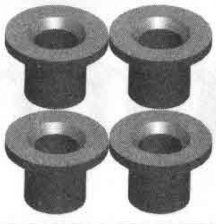


Steering gear

A202-38

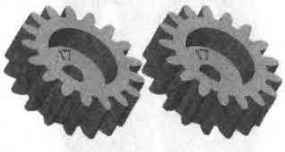
Steering arm

A202-39



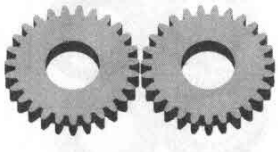
To set

A202-40



17T Motor gear

A202-41

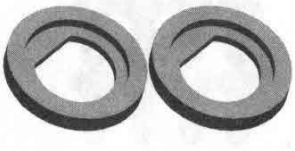


29T Reduction gear

A202-42

Driving gear

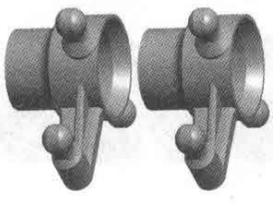
A202-43



Shaft washer

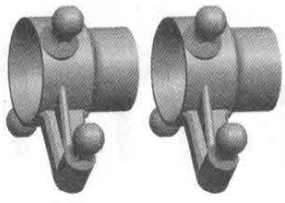
Sale parts view

A202-47



Left turn cup

A202-48



Right steering cup

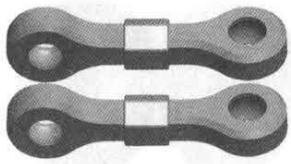
A202-51

Steering rod A

A202-52

Rear arm pull rod

A202-53

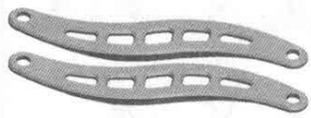


Steering rod

A202-54

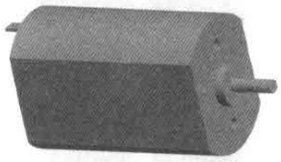
Battery fixing seat

A202-55



Battery plate

A202-60



180 Electrical Appliances

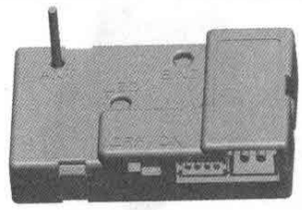
A202-61

7.4v500mah

K989-20

Cross recessed pan head screws M1.4X4CA

A202-84



Three in one electronic board

A202-86

Set screws M3X5

A292-86

Set screws M3X3

A292-91

M4 Lock screw

K989-11

R Pin type 12XØ0.7

K989-12

Cross recessed pan head tapping screws M1.2X3CA

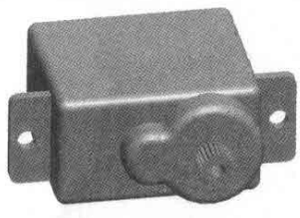
K989-22

Cross recessed pan head screws M2X5PB

K989-27

Spring actuator Ø0.7X4.5

K989-58



5G Digital servo

K989-59

Charger

Sale parts view

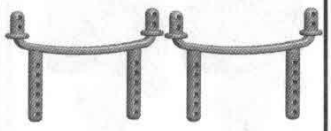
L959

2.4G Remote control

A212-03

Before the crash

A222-04



Car shell column A

A232-01

Tire

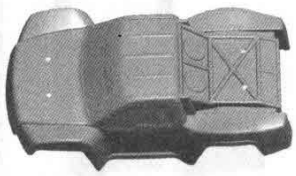
A232-02

Hub

A232-03

Rear collision

A232-04



Car shell

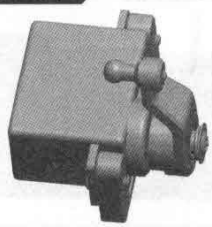
A232-10

Tire assembly

A202-80

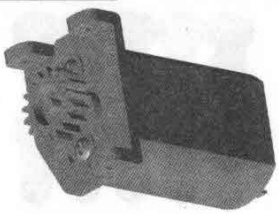
Middle axle assembly

A202-81



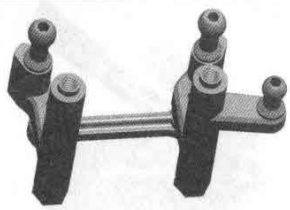
Steering gear assembly

A202-82



Motor assembly

A202-83



Steering assembly

A212-14

Cross medium pan head tapping screws M1.7X8PWA