

# 1:18 FULL PROPORTIONAL REMOTE CONTROL 4WD OFF-ROAD VEHICLE



**CAUTION:** This model is not a toy, it is designed for users over the age of 14. Please utilise this instruction manual and RC system instruction at the same time. The instructions are suitable for any type of A959-B model.

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## SAFETY AND CAUTIONS

- Avoid danger to public roads or streets
- Do not run model in crowded areas (near or towards people) to prevent accidents
- Avoid rivers, ponds, lakes etc
- Ensure you are not using the same frequency as other RC users around you. Using the same frequency at the same time may cause loss of control.

To avoid loss of control, always follow the following procedures:

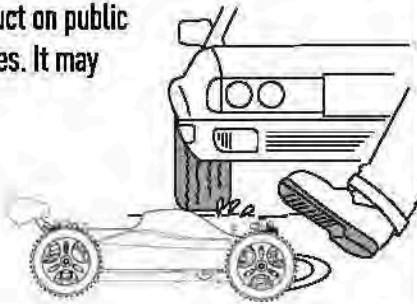
- Extend transmitter antenna completely
- Switch on transmitter
- Switch on R/C model
- Follow reverse procedure to shut down
- Do not touch or hinder rotating tire
- Do not run R/c model in the rain, as well as avoid puddles (water may cause issues with the RC)
- Use caution with RC battery (avoid over-heating)
- Retract transmitter antenna when not in use
- Remove the batteries from model and transmitter when not in use.

## CAUTION WHEN HANDLING BATTERIES

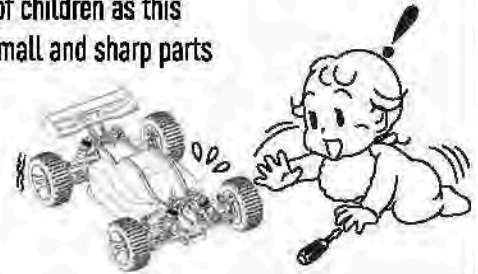
- Do not dismantle the battery or charger
- Do not cut any battery cables (may cause short-circuit and/or damage to the product)
- Change the battery with compatible charger following the proper procedure (included within instruction manual)
- Do not modify charger or charge battery improperly
- Do not recharge battery that is still warm from use of product (allow battery to cool off prior to recharge)
- Ensure cables are disconnected from RC model and electric outlet when not in use
- Remove transmitter battery when not in use to avoid battery leakage and damage to transmitter
- Do not incinerate used batteries

## SAFETY PRECAUTIONS

Do not operate this product on public roads or in crowded places. It may cause accidents



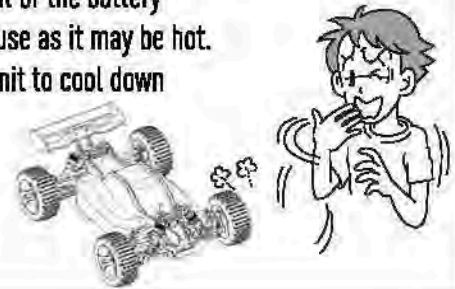
Keep out of reach of children as this product contains small and sharp parts



Caution with antenna attached to RC - avoid aiming it towards face



Do not touch the unit or the battery compartment after use as it may be hot. Allow time for the unit to cool down



## TROUBLESHOOTING

DESCRIPTION	CAUSE	SOLUTION
UNIT DOES NOT OPERATE	Transmitter or receiver is off	Turn of both transmitter and reciever
	Batteries are not placed properly in the transmitter	Place batteries in the transmitter correctly
	The drive battery is not charged enough	Charge the drive battery
UNIT DOES NOT FOLLOW RC OPERATIONS AND CONTROL DISTANCE IS NOT TRANSMITTING	Someone else is using the same radio frequency as you	Pair up the radio frequency to one that is not already in use, wait until the user has finished driving, or relocate.
	There is not enough power inthe transmitter or receiver batteries	Replace the transmitter batteries with new ones and charge the drive battery
	Have not tightened antenna on the transmitter/ or not extended antenna	Ensure the antenna is properly installed into the transmitter and fully extend antenna

## CAUTION

- Observe the operation manual or packaging explanation to ensure proper installation and product use.
- The product contains small units (be aware of hazard to children)
- Do not run the RC in the rain or moist areas, this may cause malfunction
- Regularly examine for damage to the charger, wire, plug, body shell or other parts. If damaged, do not use until damage has been repaired
- The charger, battery box and battery must be inserted with the appointed power source of product symbol
- Must only be used with the original collocation charger
- Batteries are to be inserted with the correct polarity
- 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 charge
- Do not mix old and new batteries
- Exhausted batteries are to be removed in time
- The supply terminals are not to be short-circuited
- Do not short-circuit the batteries, throw it in a fire or attempt to open their outer casings
- Remove the batteries when not in use
- Retain these instructions for future reference

## PRODUCT INTRODUCTION

ITEM NUMBER: A959-B 1:18 Full proportional remote control 4WD off-road vehicle

VEHICLE SIZE: 245mm x 175mm x 94mm

WHEELBASE: 165mm

WHEELSPAN: 105mm

WHEEL DIAMETER: 61mm

WHEEL WIDTH: 28mm

TRANSMITTER BATTERY: 4 x AA

CAR BATTERY: 7.4V 1400mAh

CHARGE TIME: 2.5 hours

DRIVE TIME: Approximately 6 minutes

CONTROL DISTANCE: 100m Above

FREQUENCY: 2.4G

MOTOR: 540

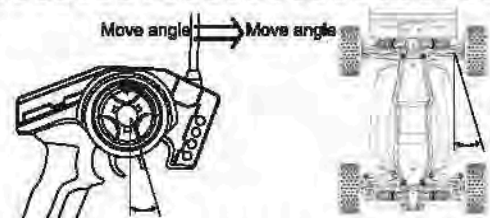
SPEED: 70km/h Above

SERVE: 17 G

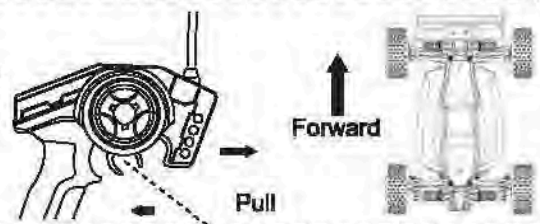
Four wheel independent suspension with front and rear differential

## PROPORTIONAL RC USE INSTRUCTIONS

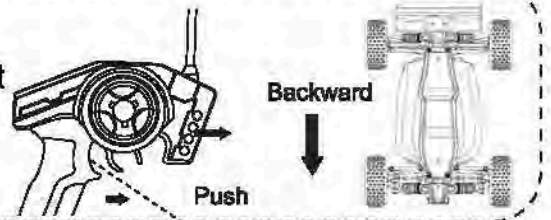
- ① Use the steering wheel to turn left or right. Turning the angle may be adjusted by the degree of wheel twisting.



- ② Pull the throttle trigger backward, the car will move forward. Adjusting the angle of throttle trigger may adjust the speed of the car. When the car moves forward, quickly push the trigger forward to stop it.

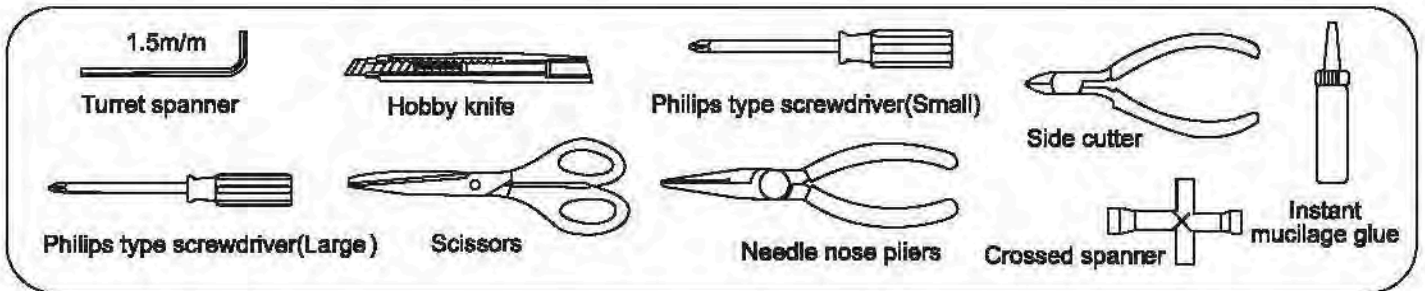


③ Loosen the trigger to make it return to neutral position when at a stop. Push the throttle trigger forward, which will allow the car to move backwards. Adjust forward angle of throttle trigger to adjust backward speed of the car



## TOOLS & ASSEMBLING UNIT

### TOOLS REQUIRED TO ASSEMBLE



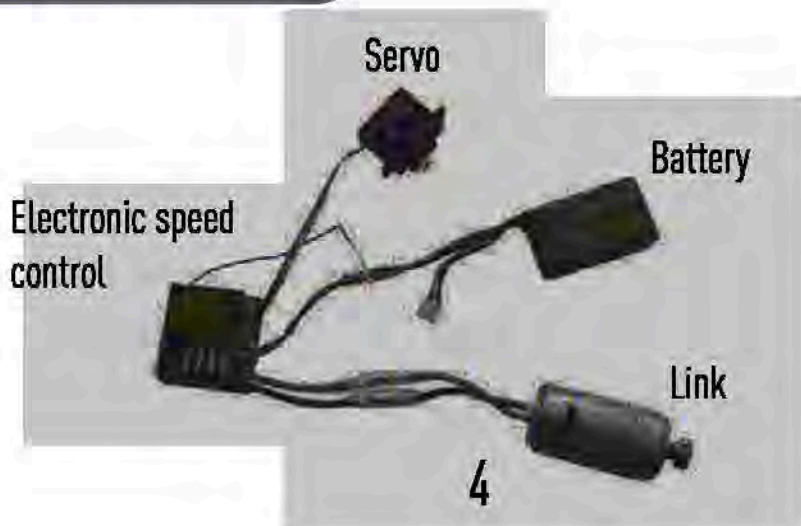
### CHARGE CAUTION

#### CHARGING BATTERY

- 1) Check and confirm input voltage of the charge is consistent with local voltage and the output voltage of charge is consistent with battery voltage
- 2) Battery must be used up before charge, charge for no more than 5 hours
- 3) Ensure adult supervision when charging



### ASSEMBLING ELECTRONIC PARTS



# PRACTICE AND MAINTAINANCE

## OPERATING PROGRAM

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

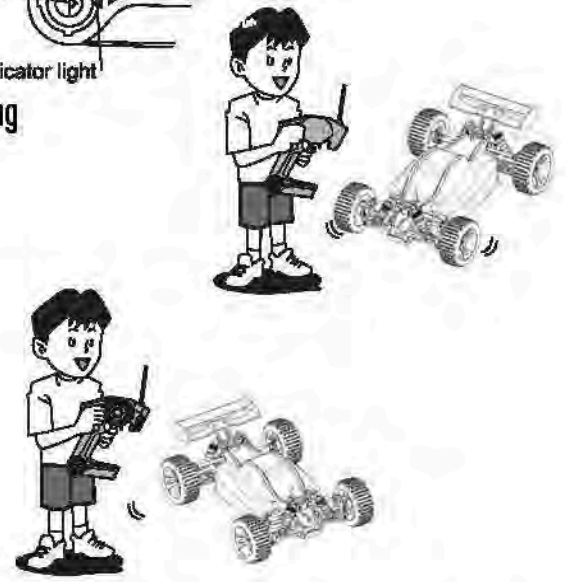
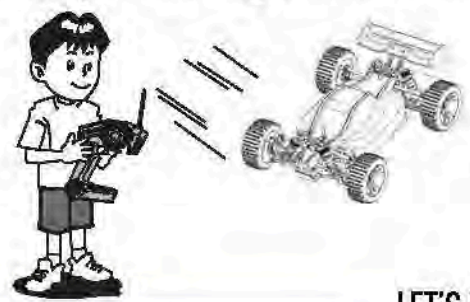
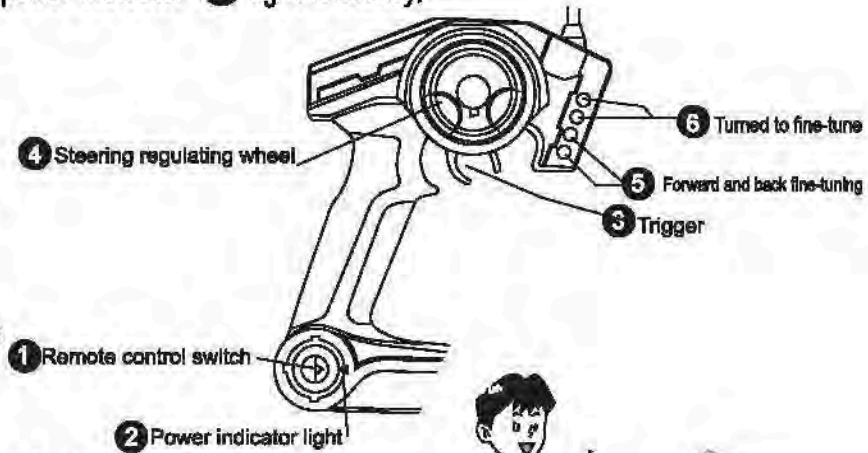
2. Place the car on the frame or stand. If the wheel is running self-motion, adjust trim ⑤ of transmitter until the wheel is still.

3. Press the trigger ③ of transmitter slowly, moving the car forwards or backwards

4. Turn steering adjusting wheel ④ of transmitter to the left or right, ensuring the steering of the front wheels follow the instructions

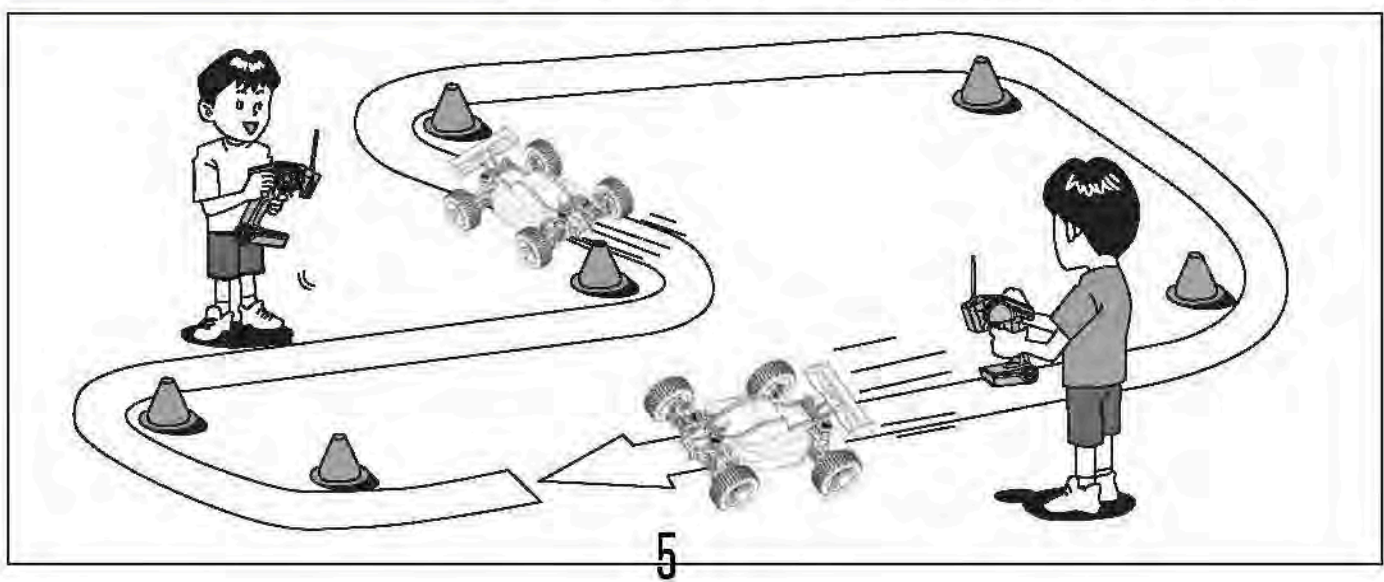
5. Place the car on the ground and stand behind the back of the car. Squeeze the throttle trigger ③ of transmitter gently. If the car does not move in a straight line, adjust the trim ⑥ of the transmitter until the car

6. Ready to run

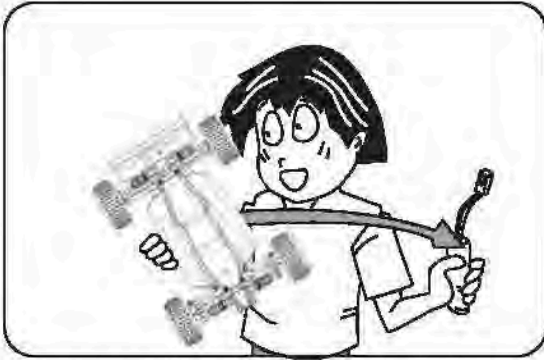


## PRACTICE

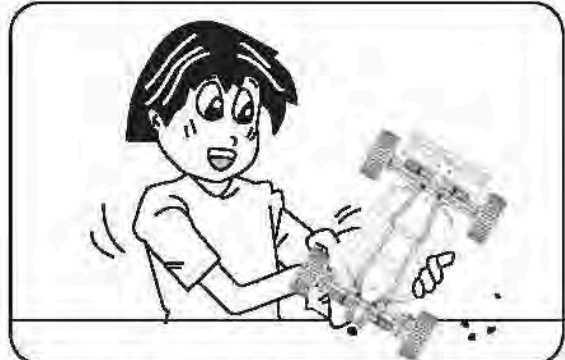
LET'S PRACTICE! Create an RC car circuit in a large and safe location. Drive fast when going straight and slow down at curved sections. This will allow you to perfect speed control and technique.



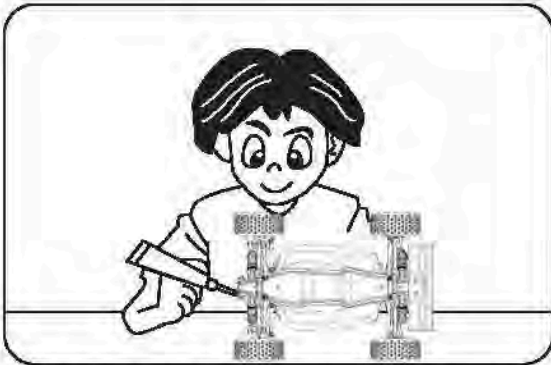
# MAINTAIN



When the car is not in use, remove the battery



Completely remove sand, mud, dirt etc.



Apply the rust prevention oil to outside metal

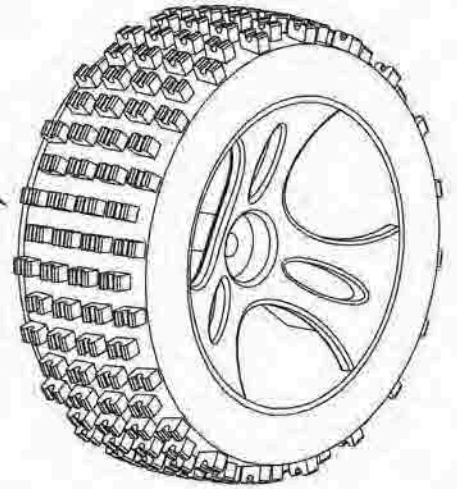


Store the car and batteries separately when not in use



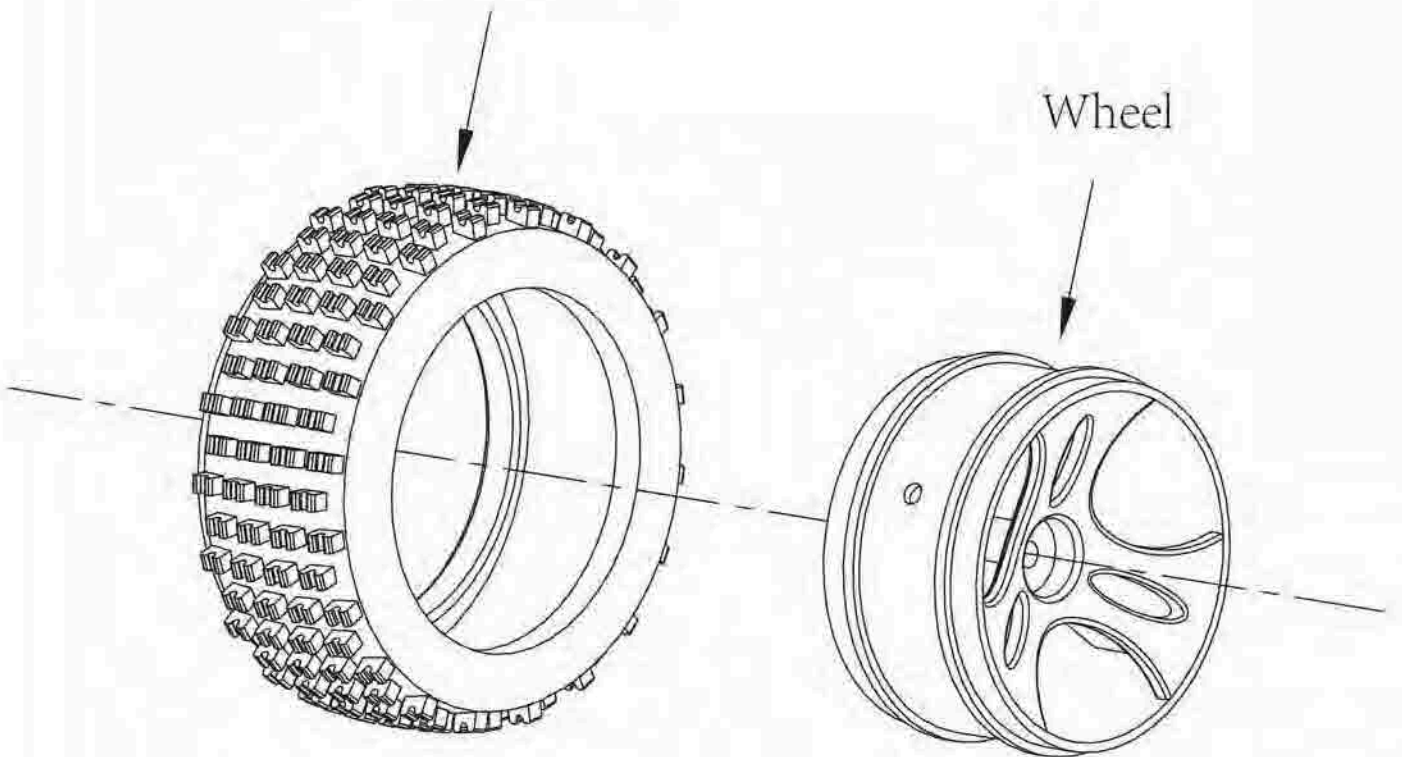
# ASSEMBLY EXPLODED DIAGRAM

A959-01  
The front wheel

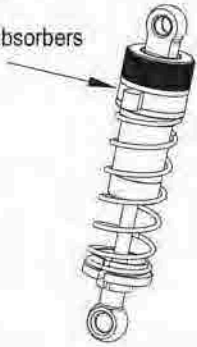


Round leather

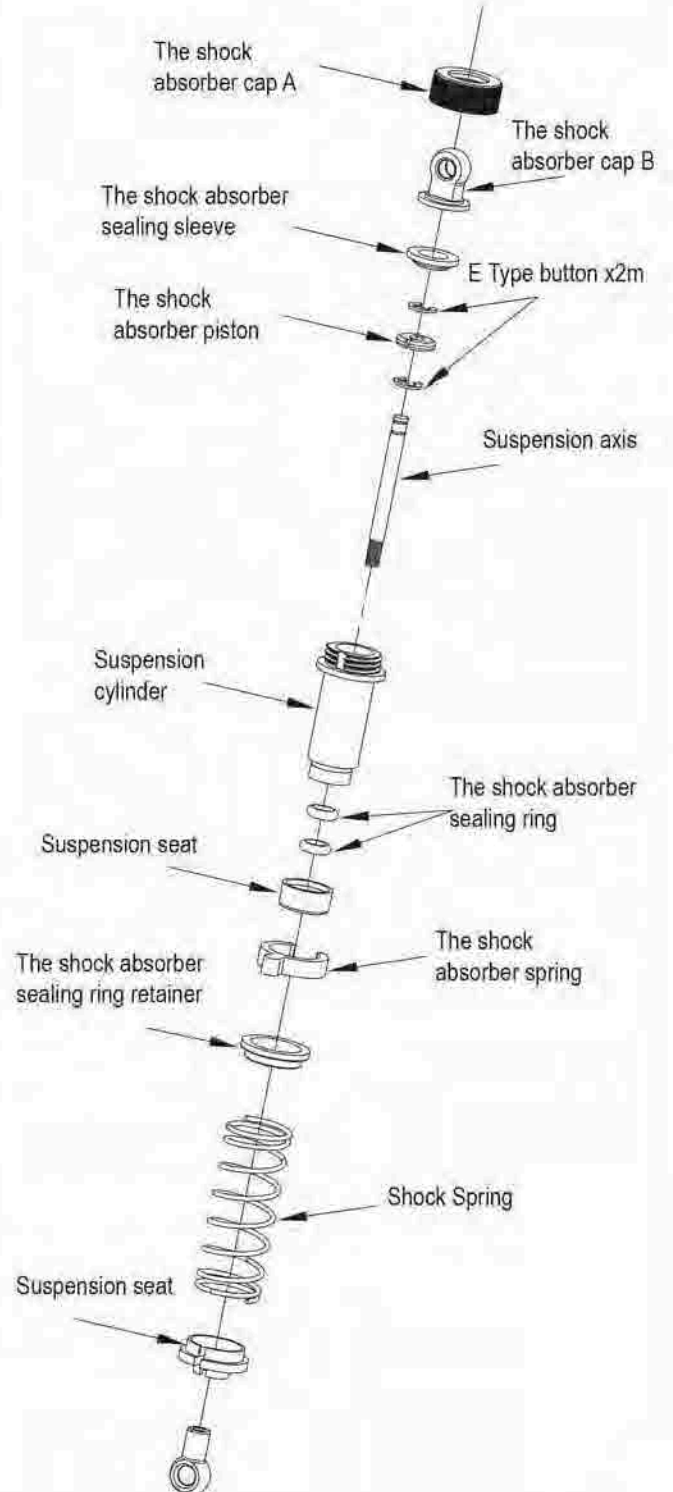
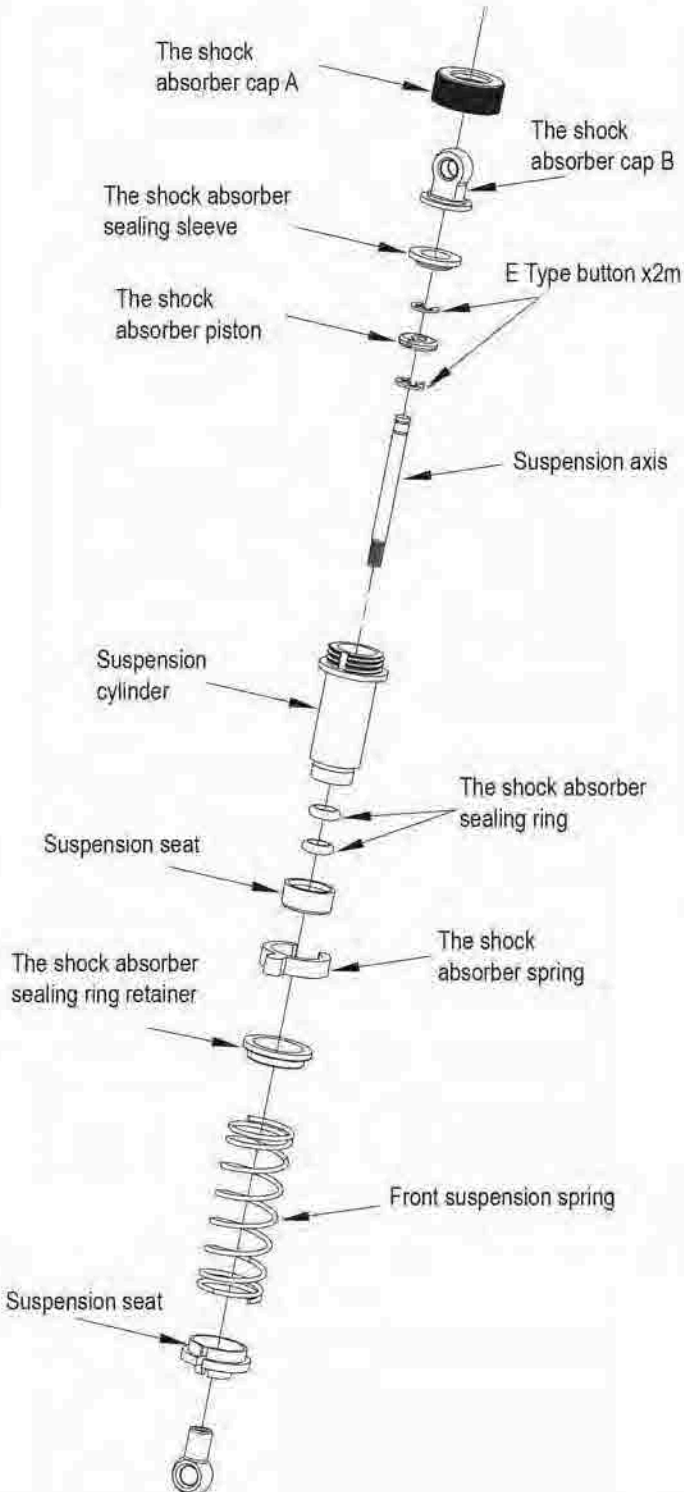
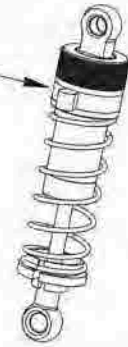
Wheel

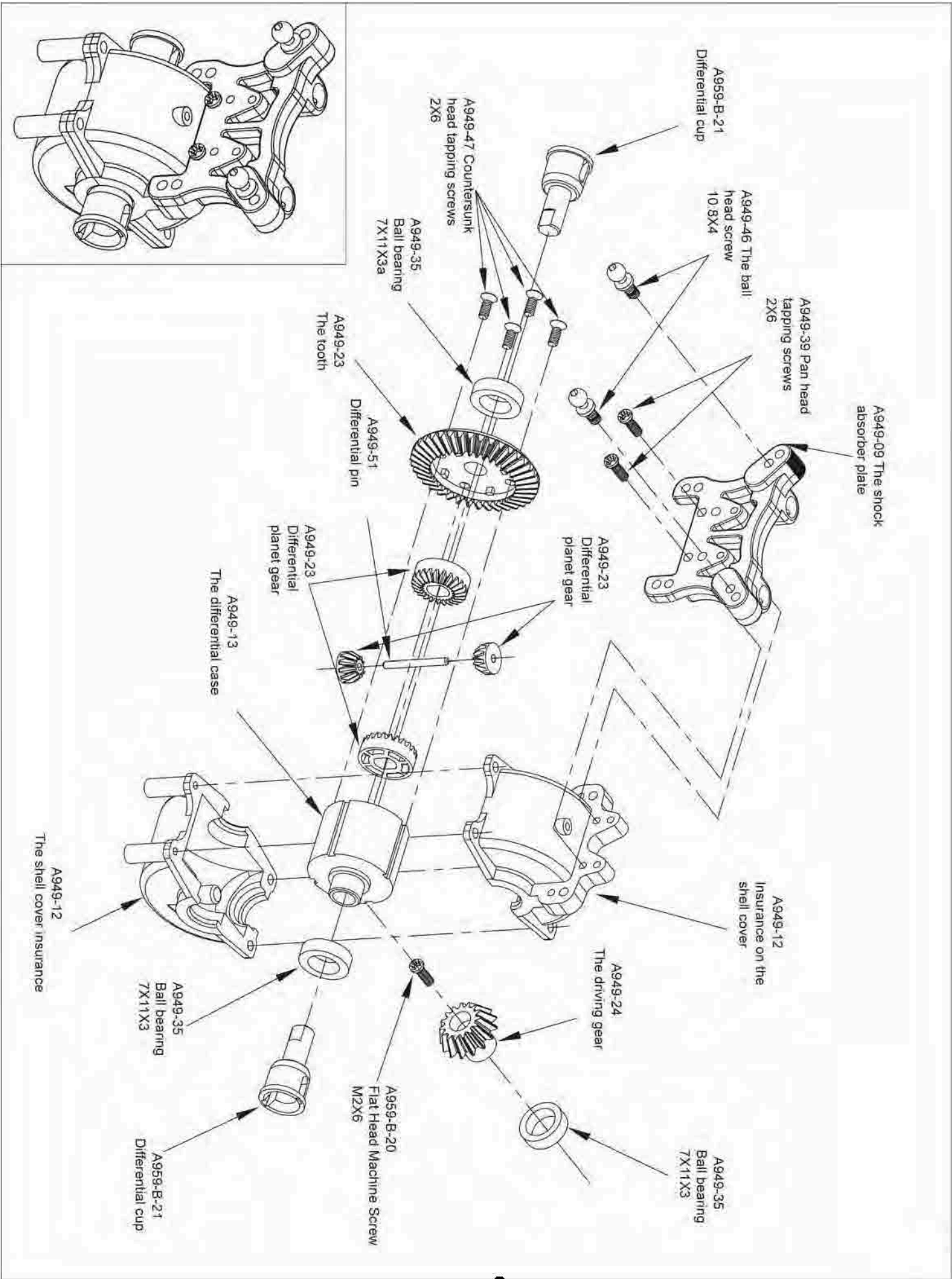


A959-B-12  
Front shock absorbers

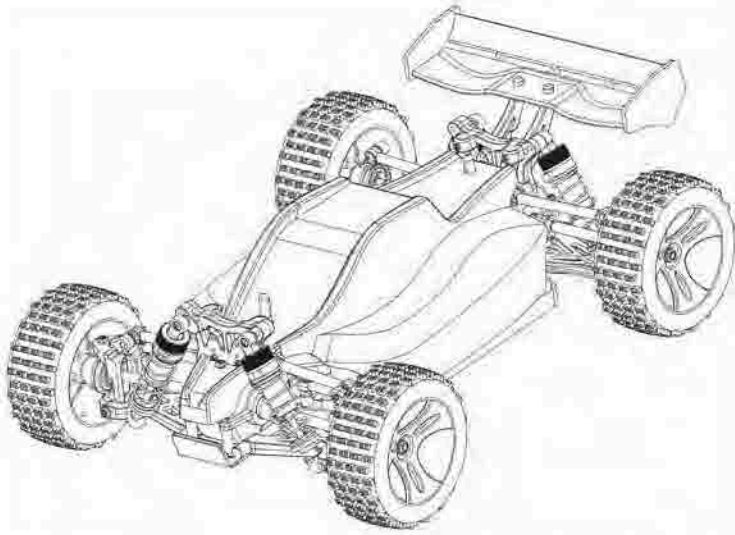


A959-B-22  
After the shock



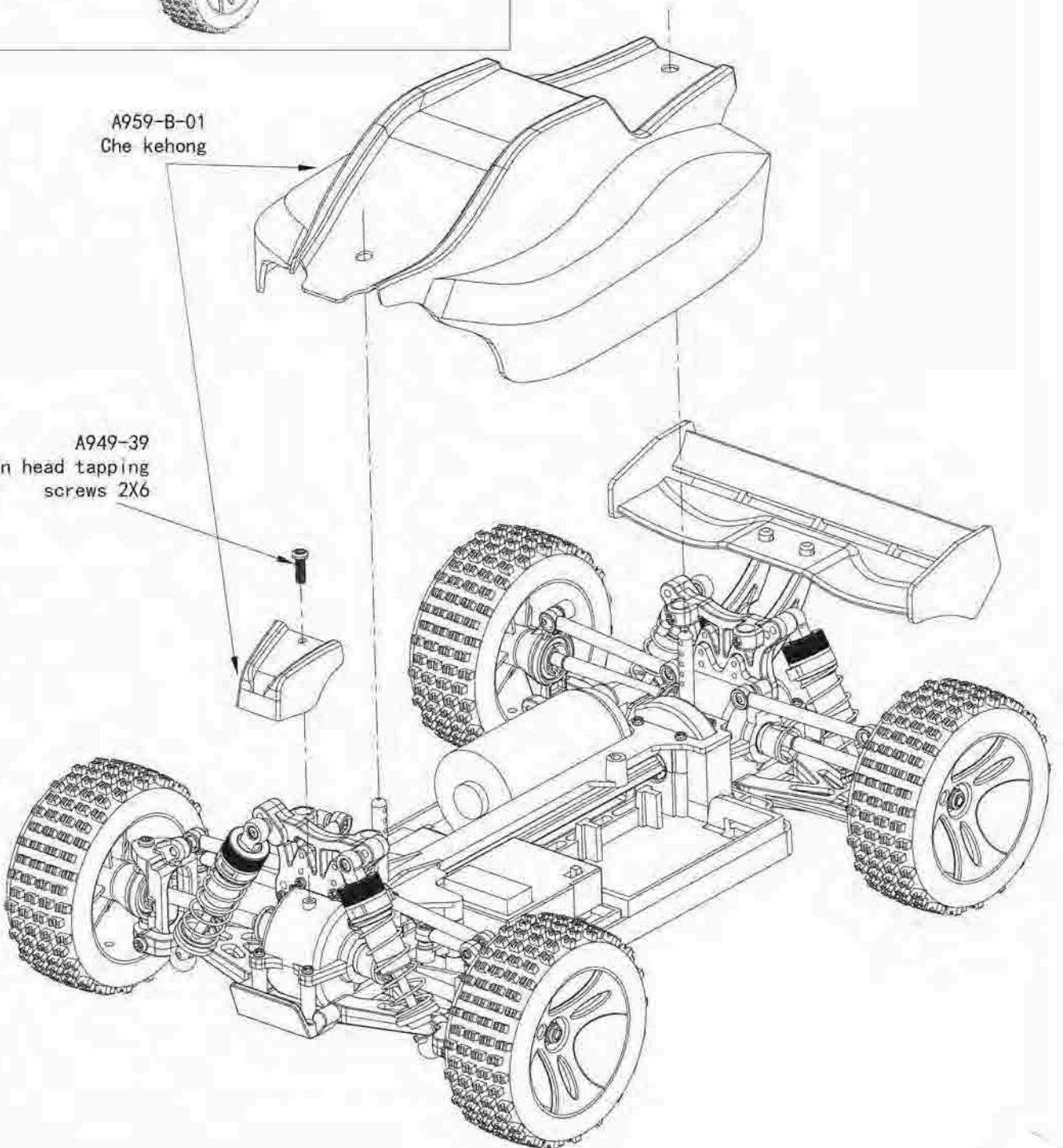






A959-B-01  
Che kehong

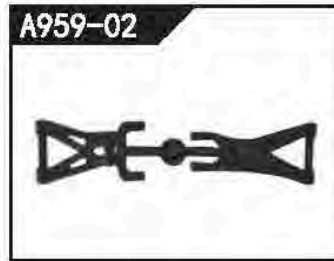
A949-39  
Pan head tapping  
screws 2X6



# SALE PARTS VIEW



Wheels



Swing arm



Pull rod



Tail bracket



C Seat



Tail



Transmission shaft  
5.3X50.8



Car shell Green



Round head screw level  
M2X17.5



Underbody



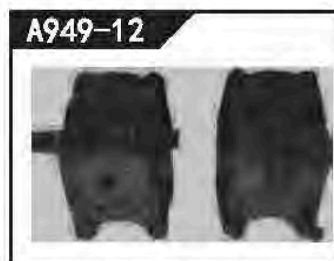
Turning seat



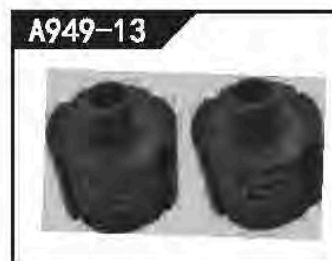
shock absorber plate



Six angular wheel seat



Box shell

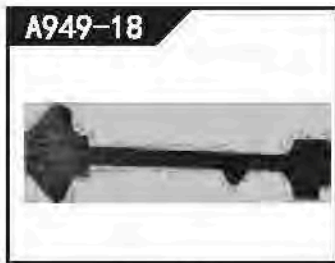


Differential case



Positioning seat

# SALE PARTS VIEW



Two floor



Servo arm



Magic stick 210MM



Differential mechanism



Reduction gear



17g Steering gear



Shaft 9 X 22.1



Motor fixed screw gasket



Oil-retaining bearing 4X8X3



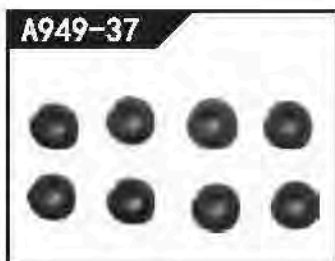
Oil-retaining bearing  
8X12X3.5



Ball bearing 7x11x3



Ball bearing 8x12x3.5



Swing arm gasket 1x5



Round head self-drilling  
screw 2x7



Round head screw M2.5\*8



Round head self-drilling  
screw 2x16

# SALE PARTS VIEW



**A949-43**  
Round head screws with dielectric M2.5X6X6



**A949-44**  
Flat head screw M3X6



**A949-46**  
Ball head screw 10.8X4



**A949-47**  
Countersunk head tapping screws 2X6



**A949-48**  
Countersunk head tapping screws 2X9.5



**A949-50**  
Axle pin 1.5X6.7



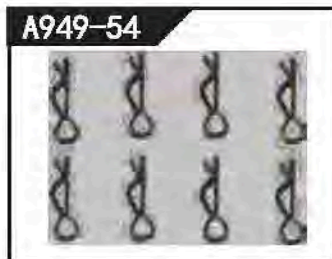
**A949-51**  
Differential pin 1.5X16



**A969-08**  
Swing arm pin 2X40.8



**A949-53**  
Turning seat shaft 2X20.5



**A949-54**  
R Pin



**A959-B-12**  
Front shock absorbers



**A949-57**  
2.4G Remote control



**A949-58**  
Charger



**A959-B-13**  
540 Motor



**A959-B-14**  
Ma Dazuo



**A959-B-15**  
27 T gear



# SALE PARTS VIEW



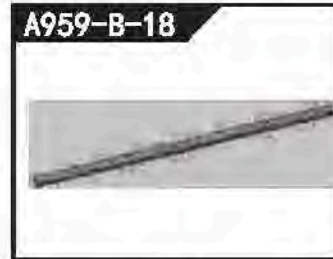
A959-B-16

M3x8 flat head screws



A959-B-17

Dust cover



A959-B-18

Axis



A959-B-19

Reduction gear



A959-B-20

M2x6 flat head screws



A959-B-21

Take the cup



A959-B-22

Shock



A959-B-23

Battery



K929-02

Hem arm reinforcement



A959-B-26

Pan Head Machine Screw  
M2.5 x 10



A959-B-24

M3 flange nuts



A959-B-25

Receiver