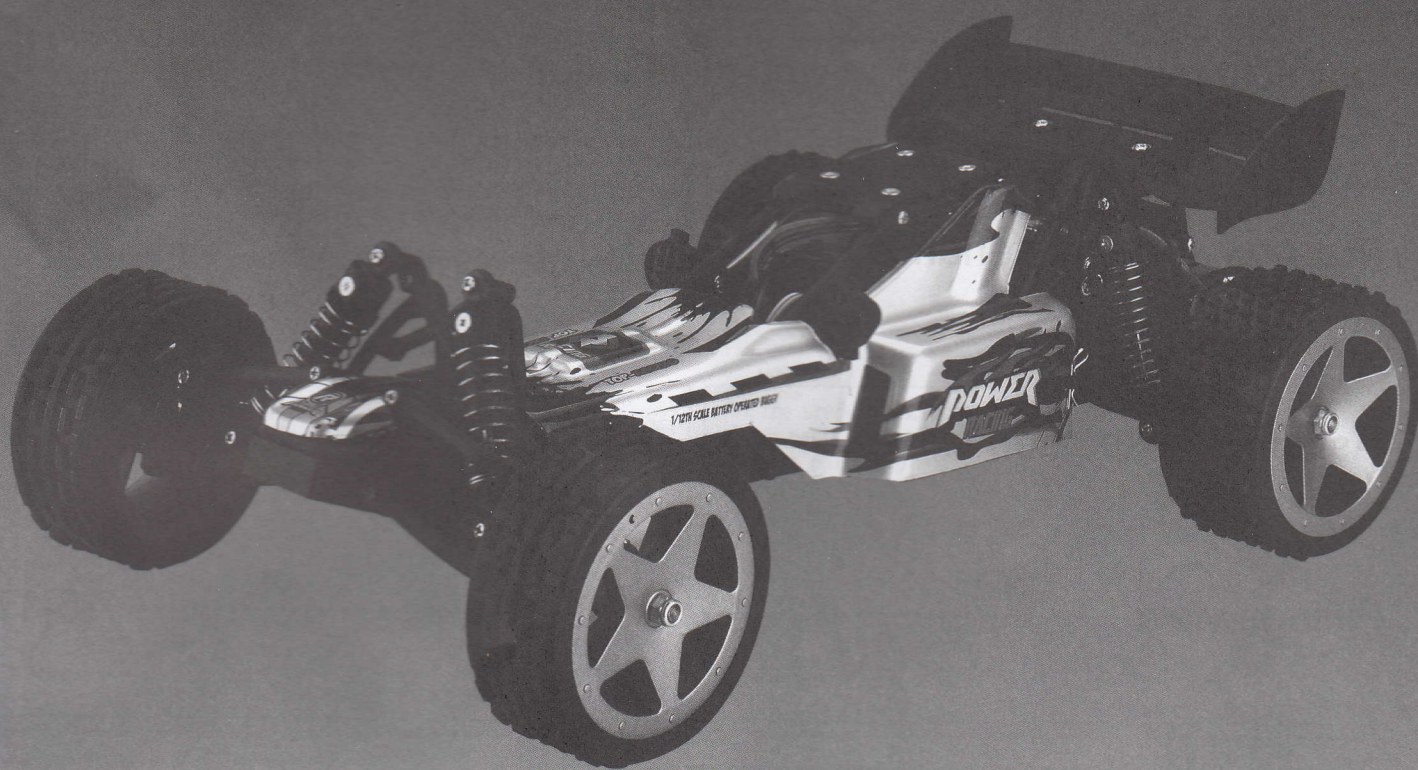


1:12 Scale R/C Buggy Model Using Instruction



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 L959.

Safety and caution1

Troubleshooting • Product introduction2

Instruction of common tools and installation the electronic part.....3

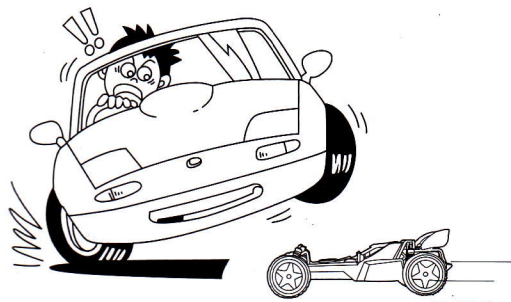
Practice and maintenance.....4-5

Assemble exploded view6-14

Fittings view15-17

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.



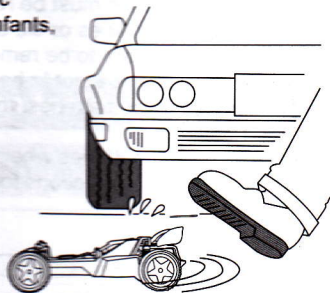
Cautions when handling batteries

- *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.

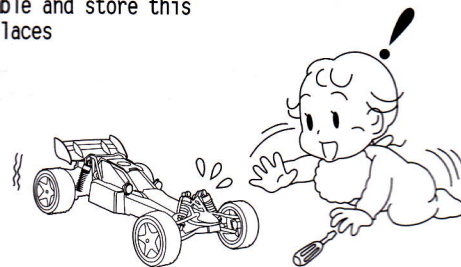


Safety precautions

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



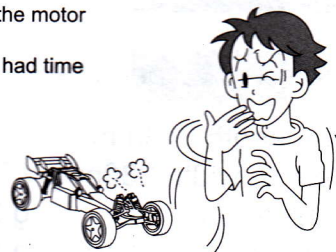
As the product includes small and sharp parts, assemble and store this product only in places out of the reach of children.



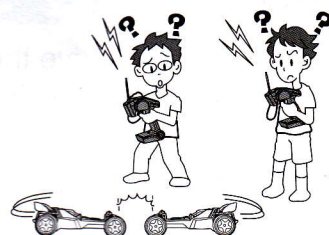
As the front end of the antenna may be dangerous, do not aim it toward faces.



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

Vehicle size parameters

- a. Car length 348mm
- b. Vehicle width 230mm
- c. Vehicles 115mm
- d. Wheelbase 250mm
- e. Tread 170mm
- f. Tire diameter 76mm
- g. 30mm wide front wheel
- h. Rear wheel width 36mm

Vehicles configure

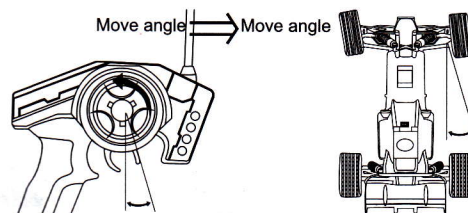
- a. remote control and receive the way wireless and 2.4G two configurations
- b. The full-scale remote
- c. motor uses 380
- d. Lithium iron battery 7.4V1500MA
- e. entire vehicle engineering plastics

Vehicle performance

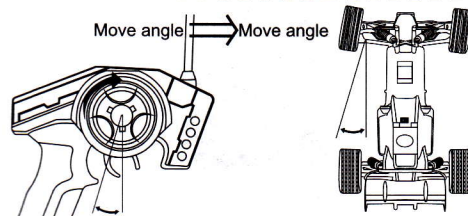
- a. vehicle speed 40KM / H
- b. vehicle's handling venue to the ground, sand, grass
- c. continuous manipulation of time in more than ten minutes
- d. accessories can be upgraded
- f. four-wheel independent suspension
- g. rubber tires
- h. driven approach to two drive
- i. rear wheel gear differential
- j. metal contacts Cup
- k. car shell coating explosion-proof PVC

Proportional R/C Using Instruction

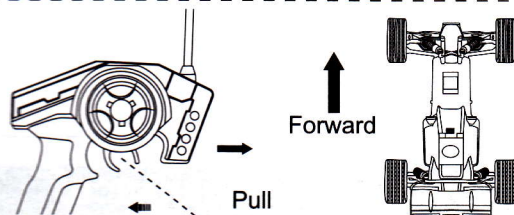
- ① Turn left the steering wheel, the car will turn left. Turning left angle can be adjusted by the degree of wheel twisting.



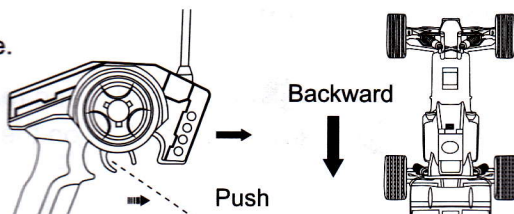
- ② Turn right the steering wheel, the car will turn right. Turning right angle can be adjusted by the degree of wheel twisting.



- 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.

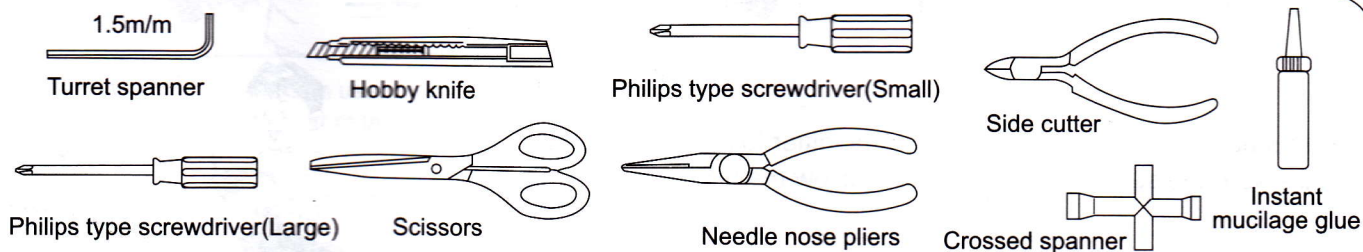


- ④ Loosen the trigger to make it return the neutral position when brake. Push the throttle trigger forward, the car will backward. Adjusting forward angle of throttle trigger adjust backward speed of the car.



Introduce the common tools and assemble the electron parts

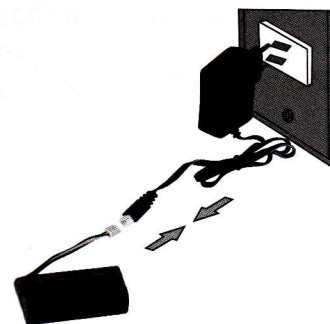
Tools needed for assembly



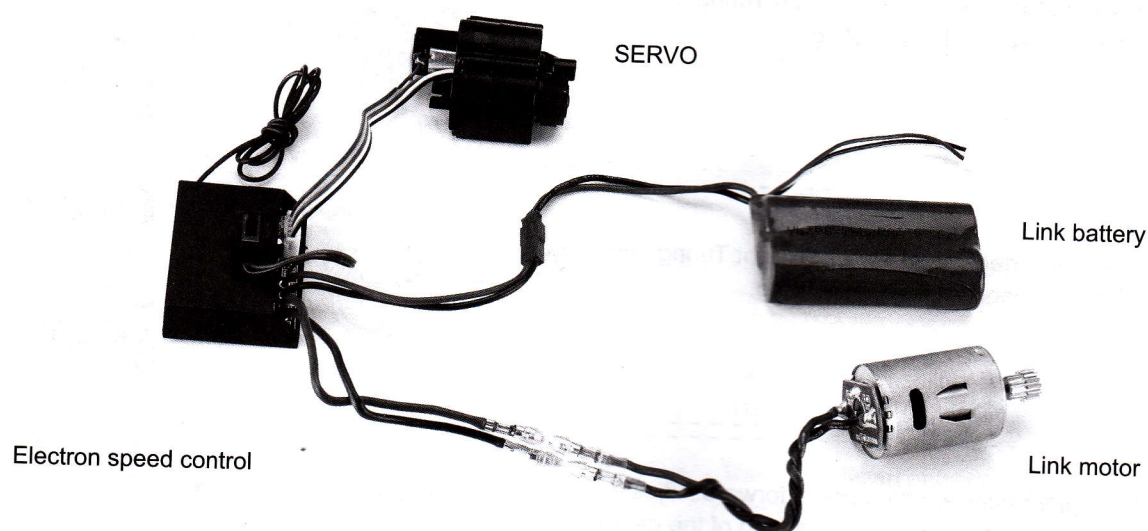
Charge caution

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

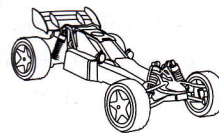
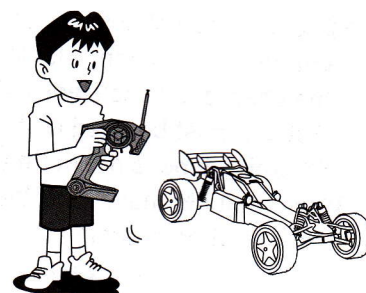
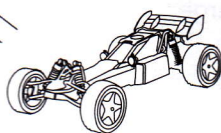
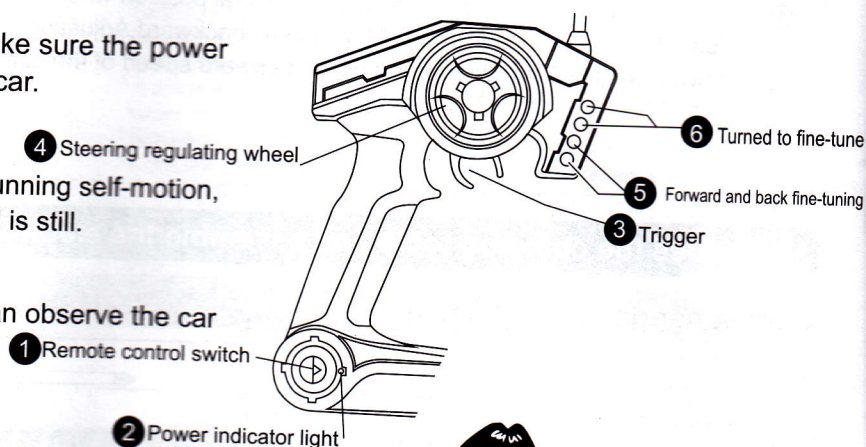
2> Put the car on the frame or stand. If wheel is running self-motion, adjust the trim ⑤ of transmitter until the wheel is still.

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

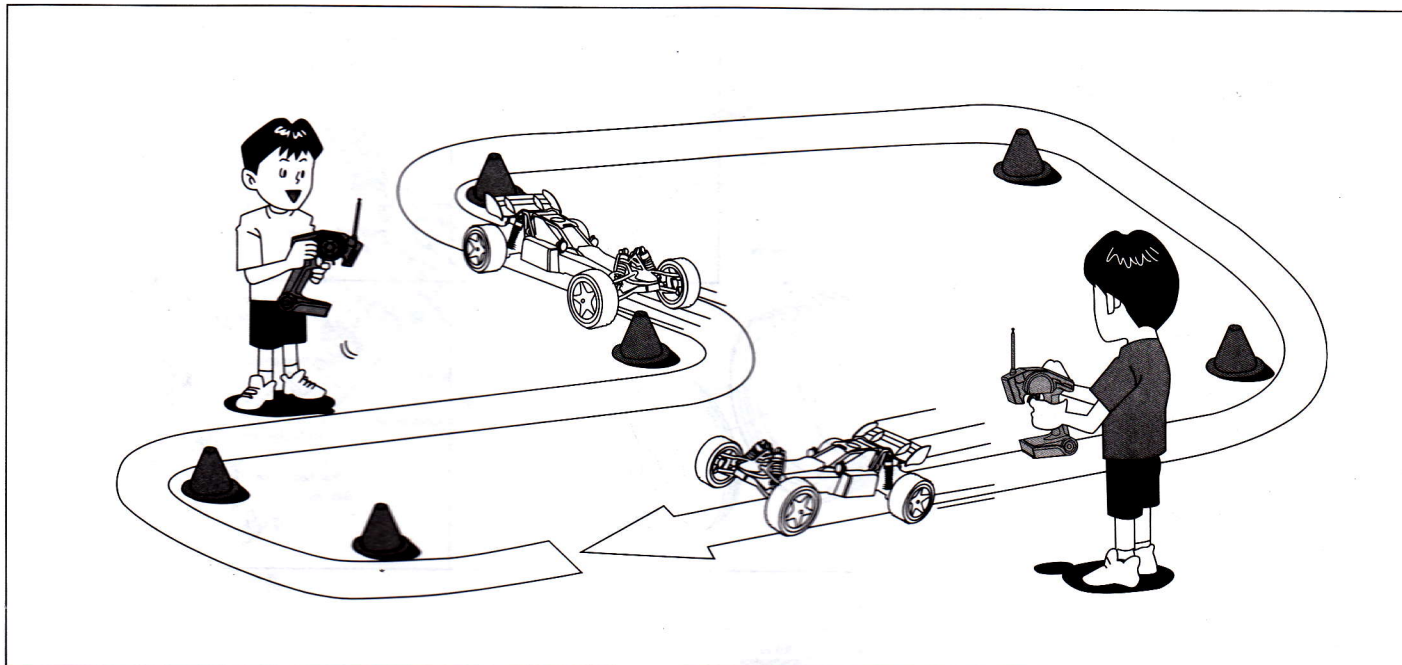
4> Turn steering adjusting wheel ④ of transmitter to left or right, and make sure the steering of front wheels follow the instruction.

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

6> OK, ready to run.

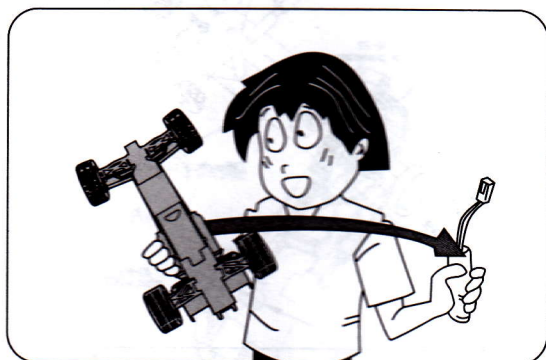


Practice

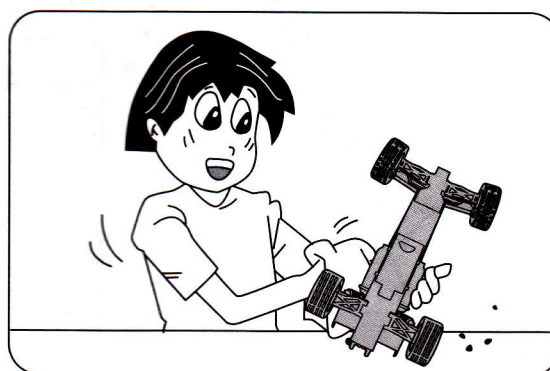


Let's practice! Make R/C car circuit at a wide and safe location using corner pylons (separately available), empty cans or such. Running fast at straight section and slow down at curved section is a basic speed control technique useful when driving R/C car.

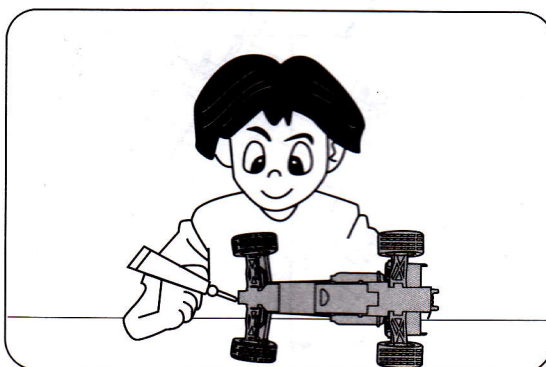
Maintain



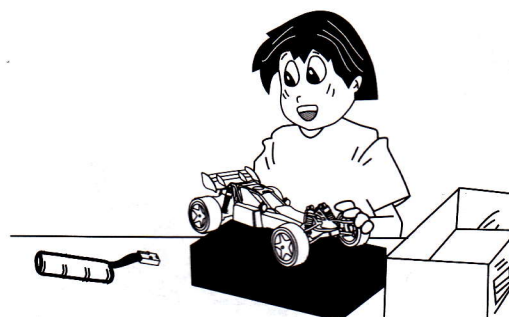
When the car is not in use, you should remove the battery from the car.



Completely remove sand, mud, dirt etc.

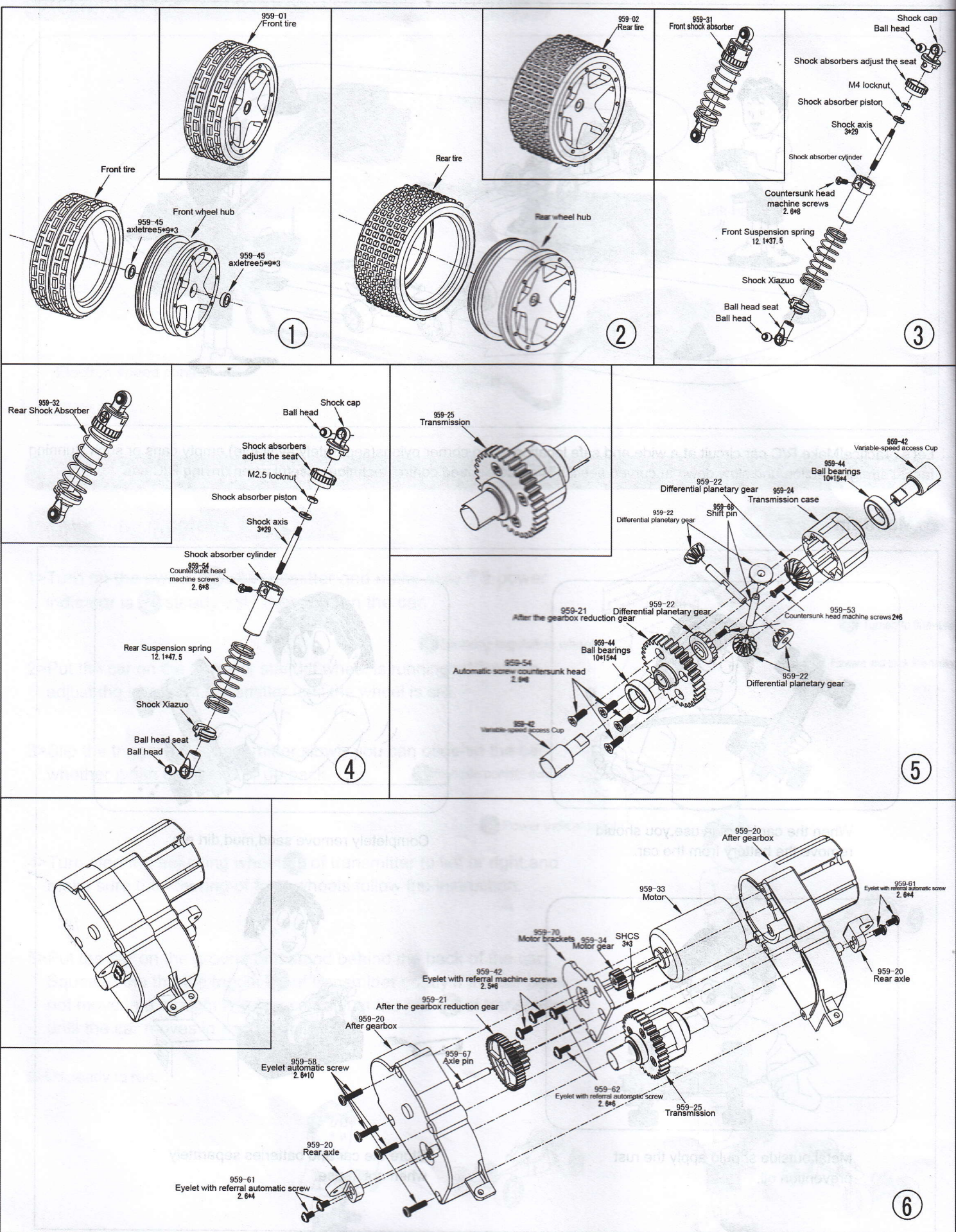


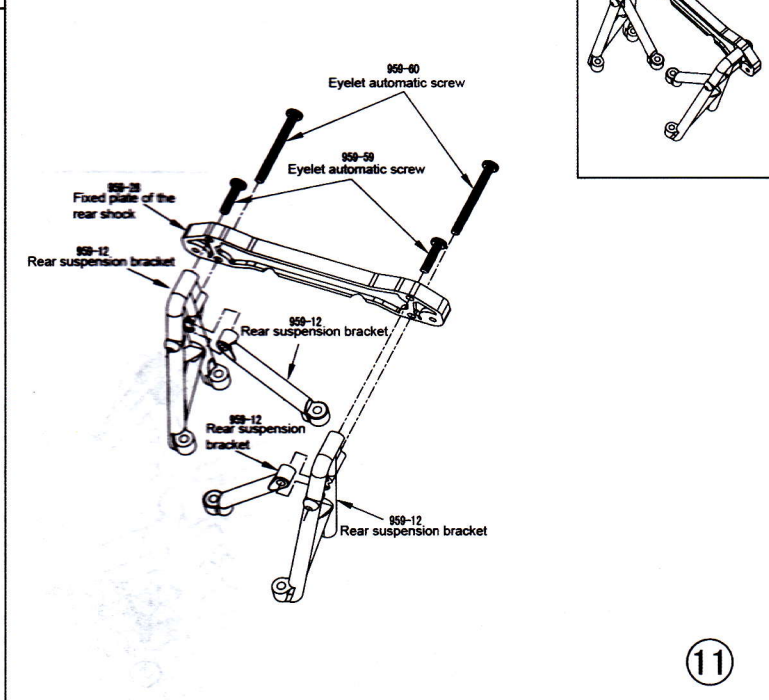
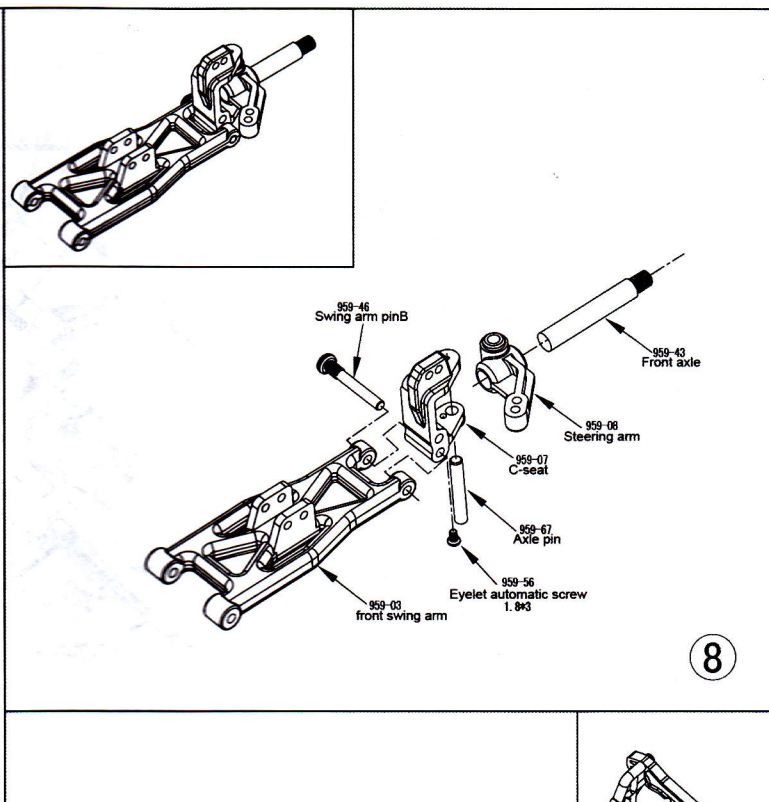
Metal outside should apply the rust prevention oil.

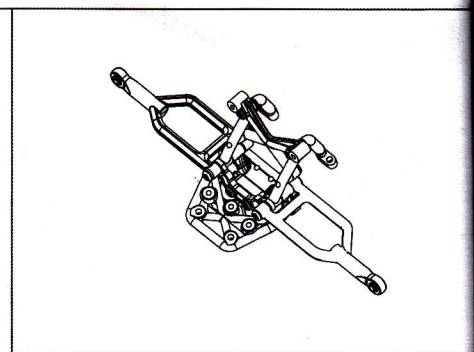
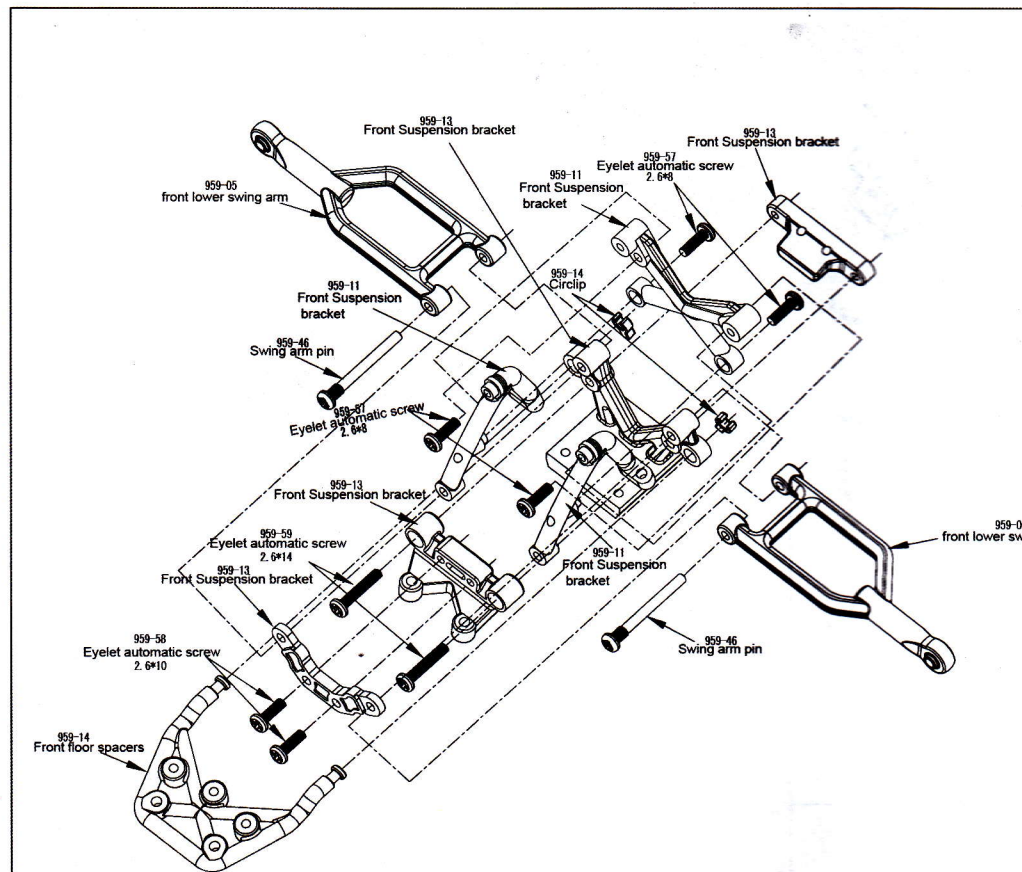


Store the car and batteries separately when not in use.

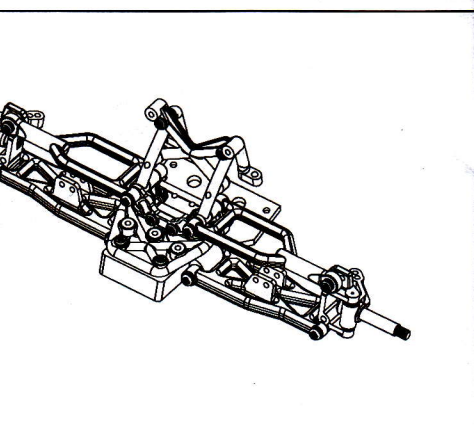
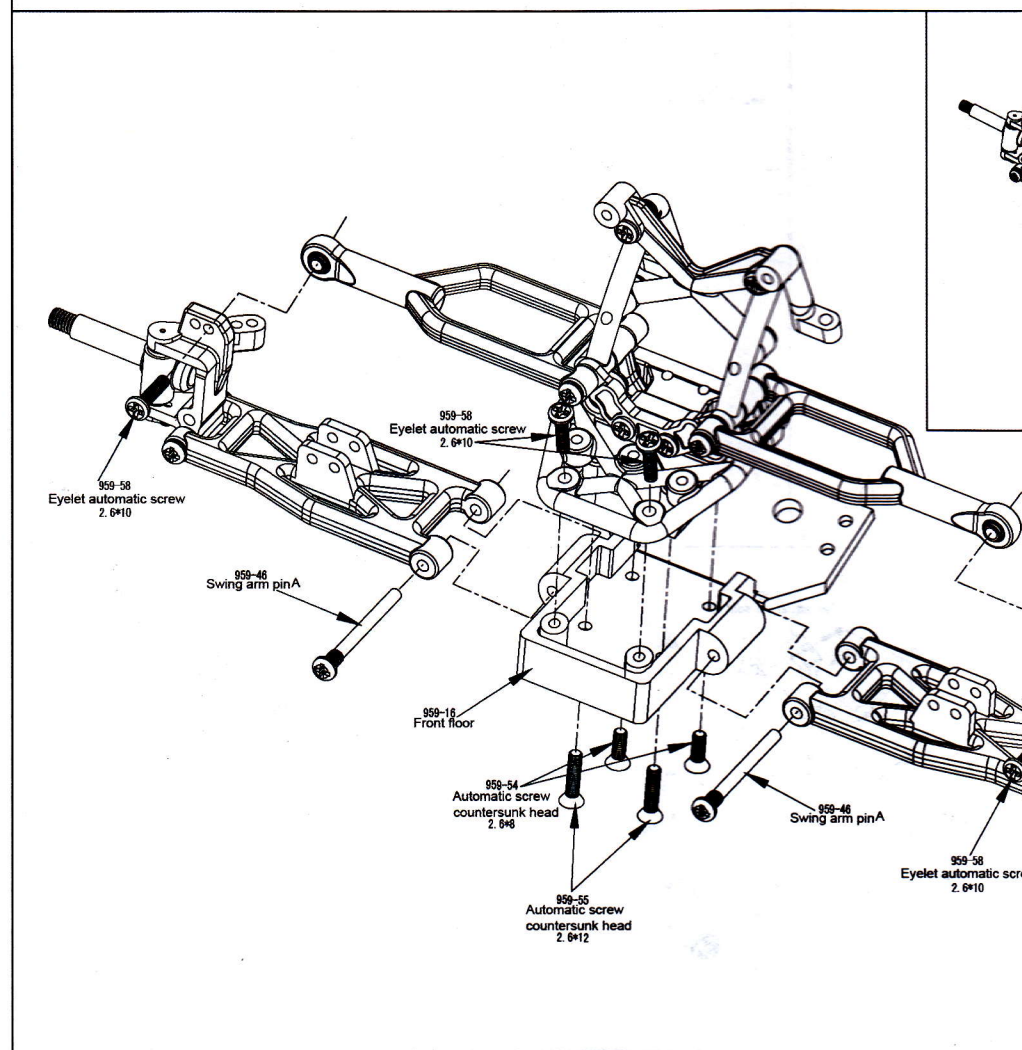
Assembly Exploded Diagram



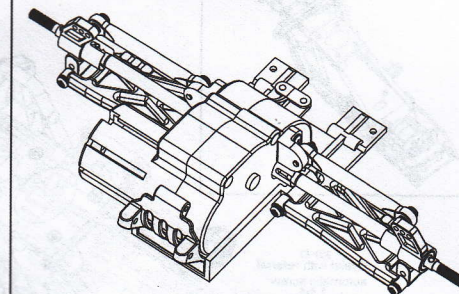
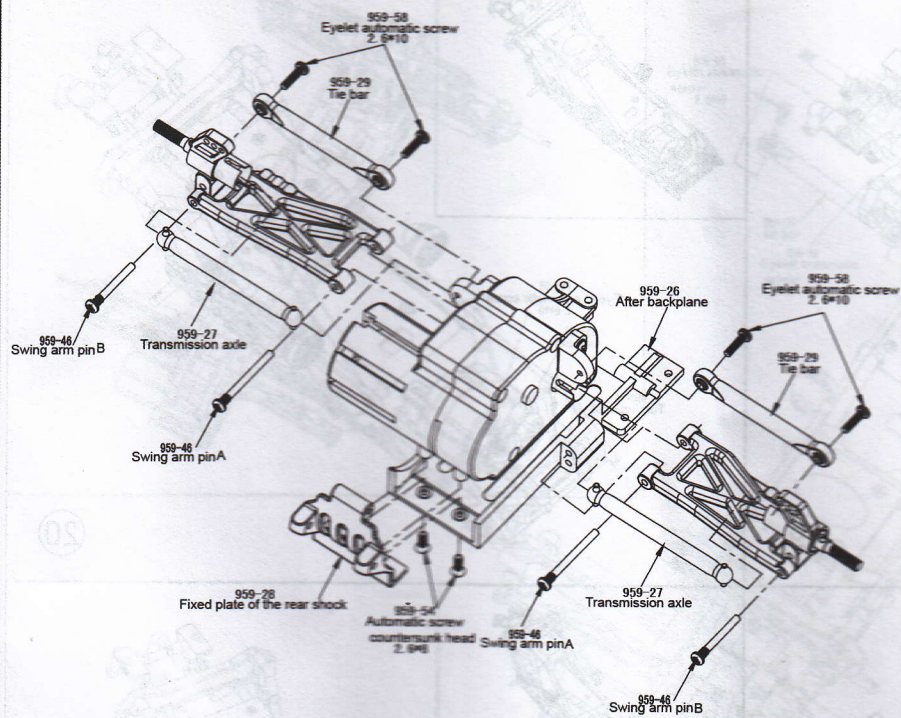




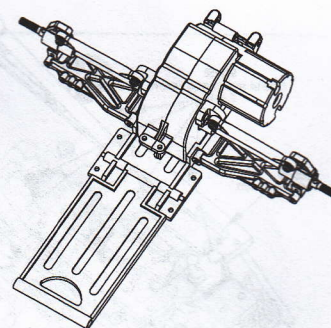
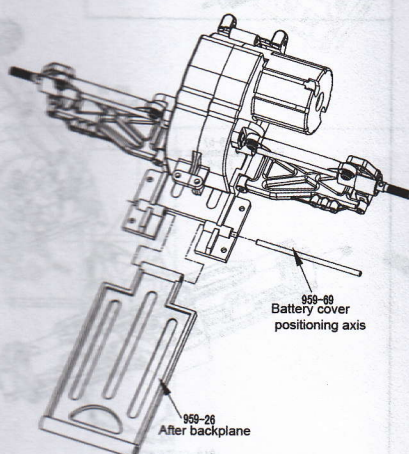
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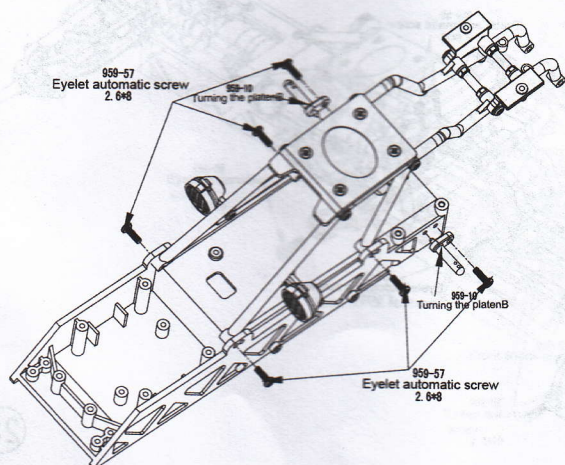
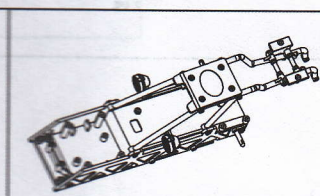
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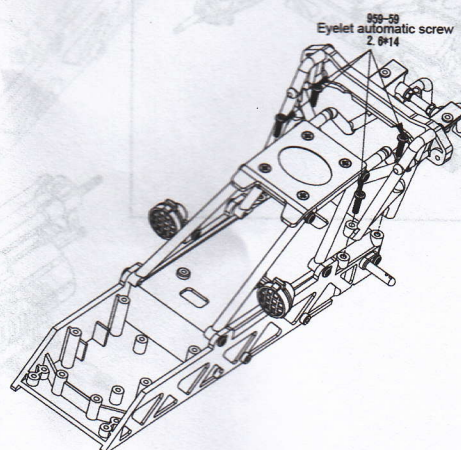
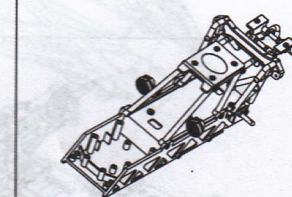
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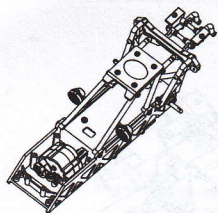
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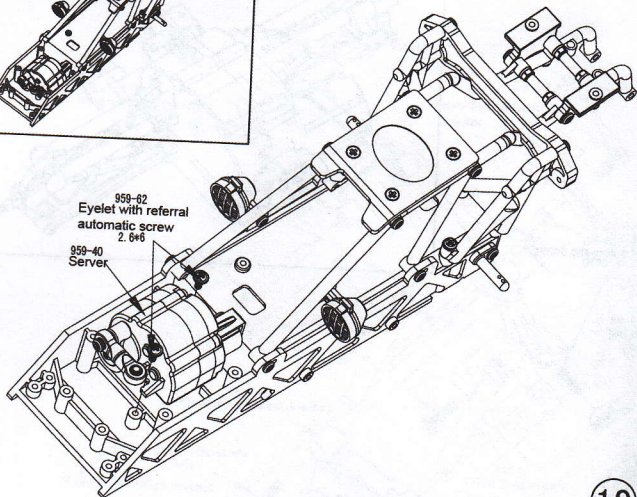


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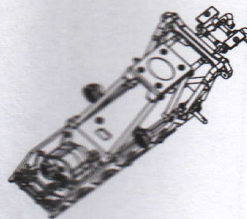


959-62
Eyelet with referral
automatic screw
2.6x6

959-40
Server



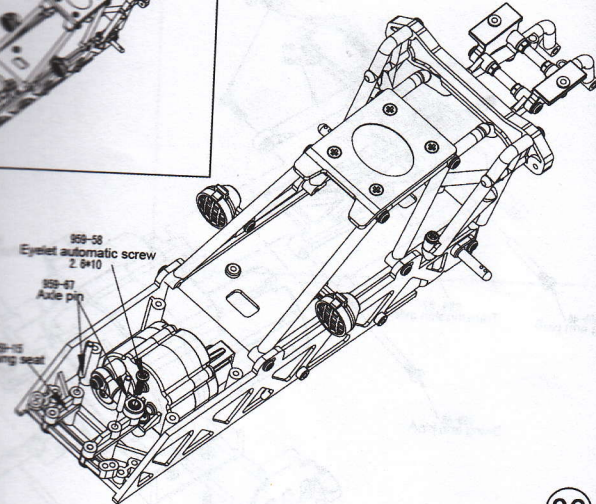
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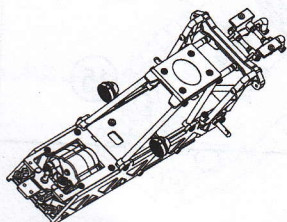
959-58
Eyelet automatic screw
2.6x10

959-67
Axle pin

959-15
Turning seat

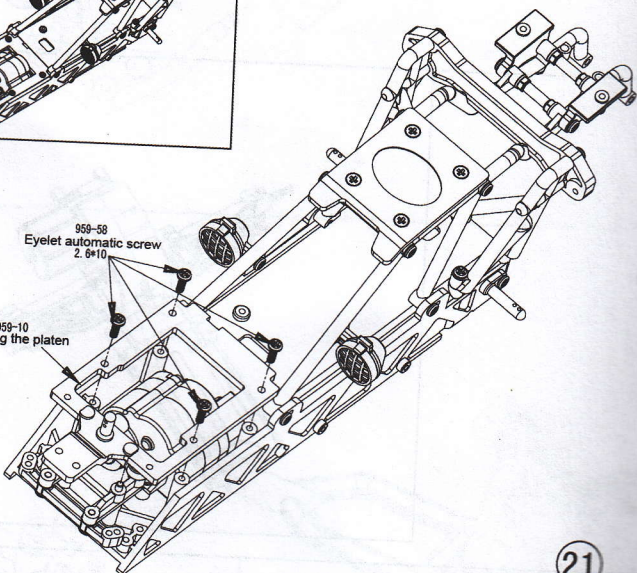


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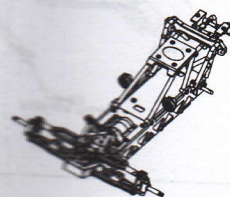


959-58
Eyelet automatic screw
2.6x10

959-10
Turning the platen



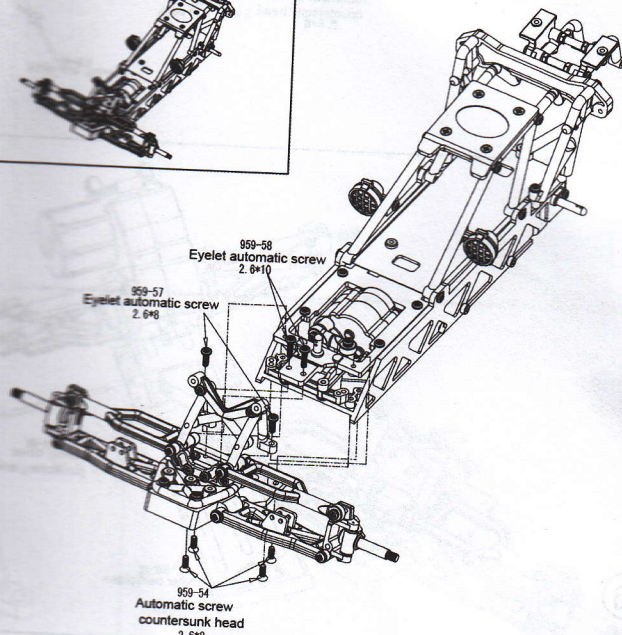
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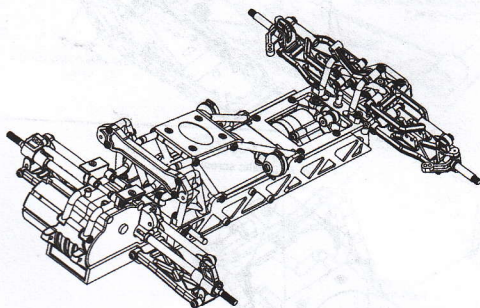
959-58
Eyelet automatic screw
2.6x10

959-57
Eyelet automatic screw
2.6x6

959-54
Automatic screw
countersunk head
2.6x6



22

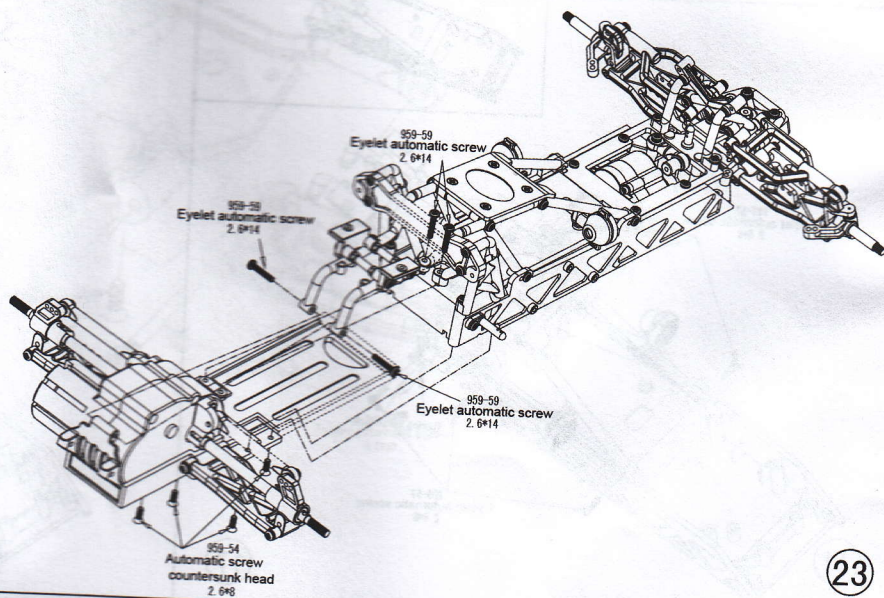


959-59
Eyelet automatic screw
2.6x14

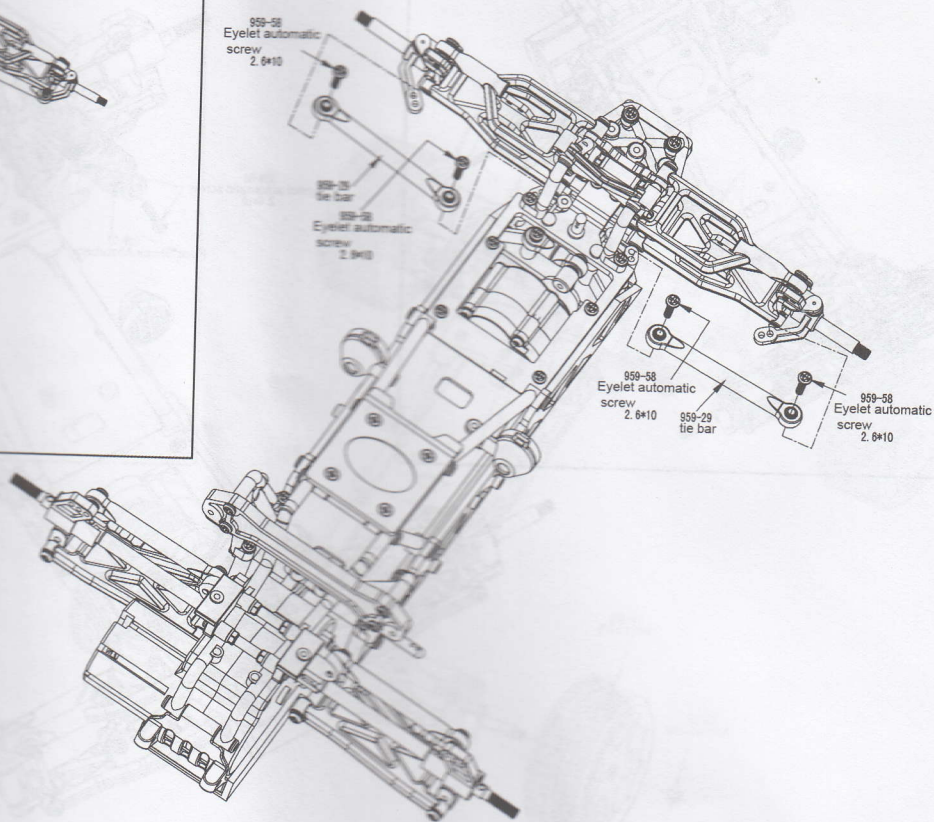
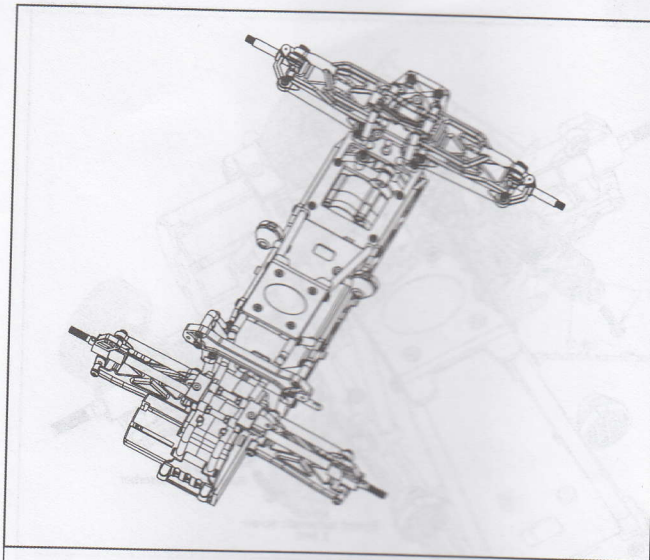
959-58
Eyelet automatic screw
2.6x14

959-59
Eyelet automatic screw
2.6x14

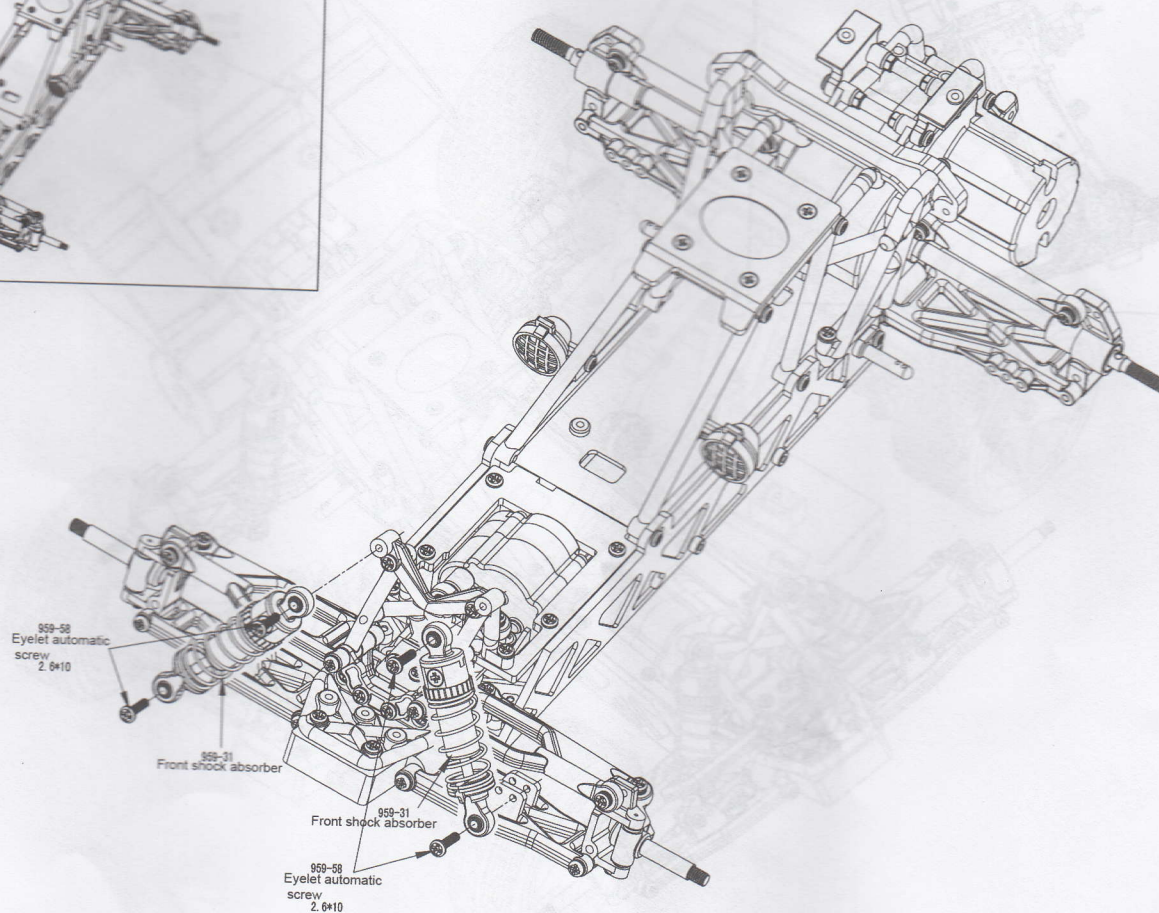
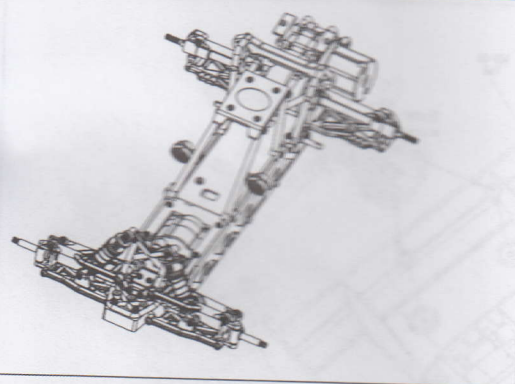
959-54
Automatic screw
countersunk head
2.6x6



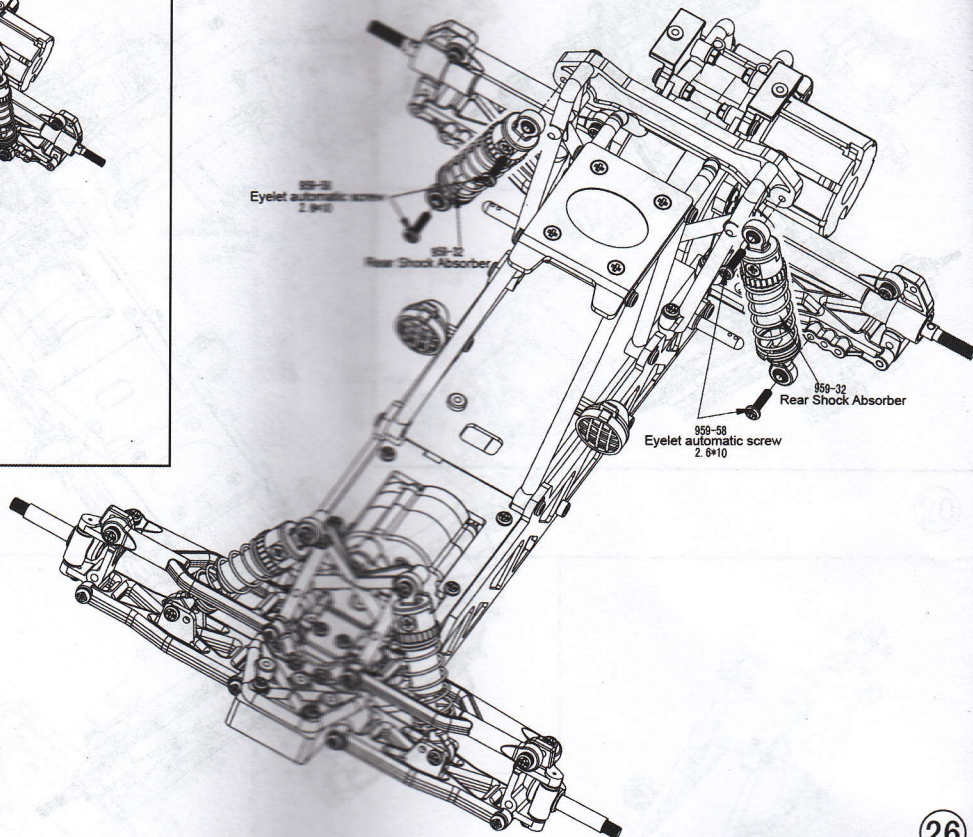
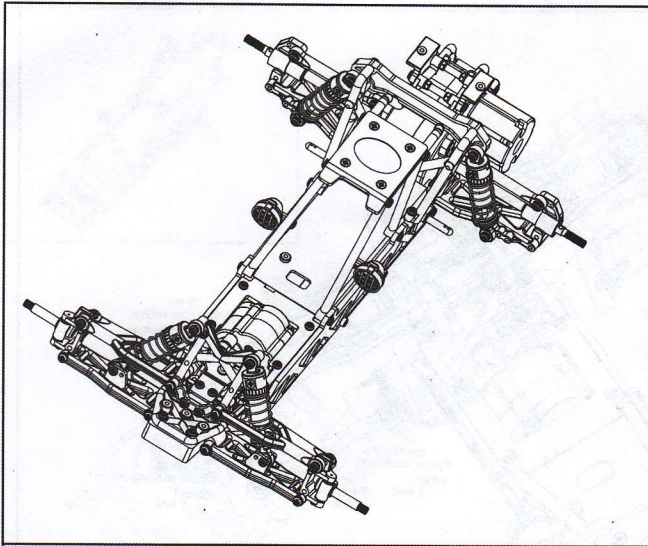
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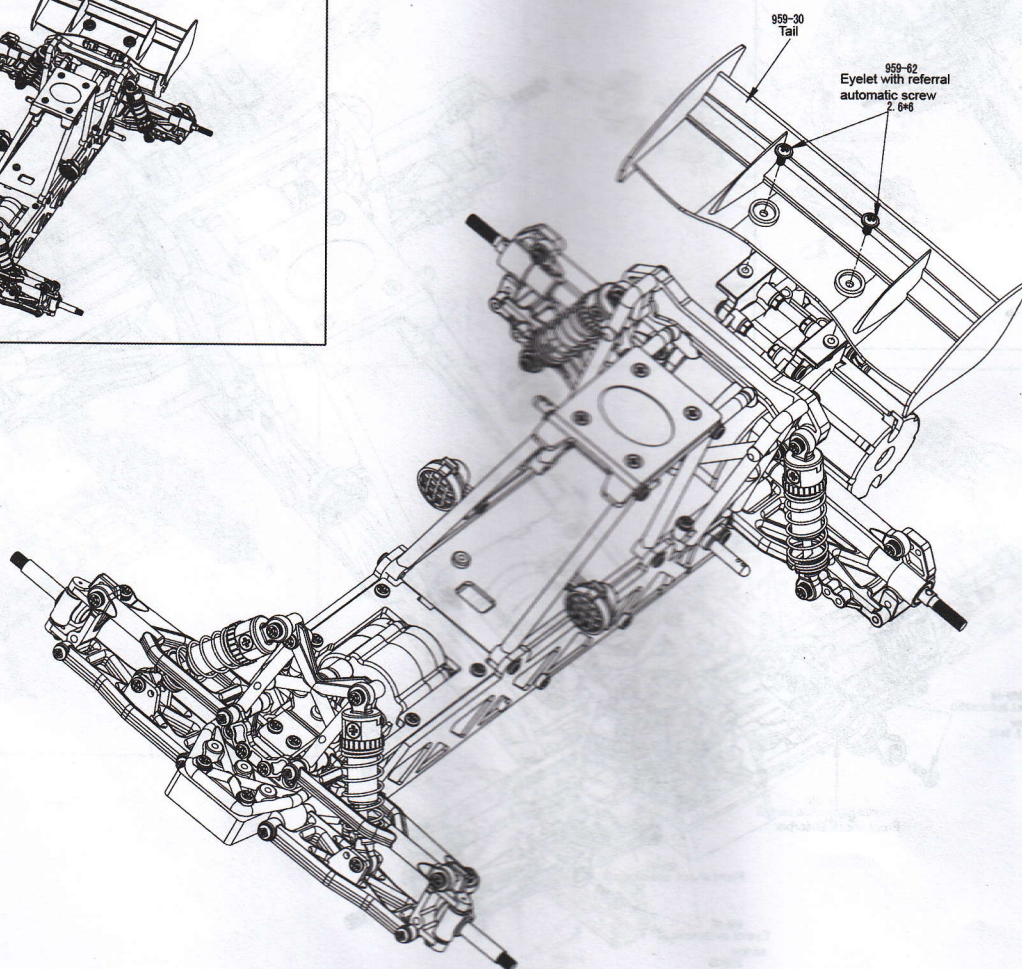
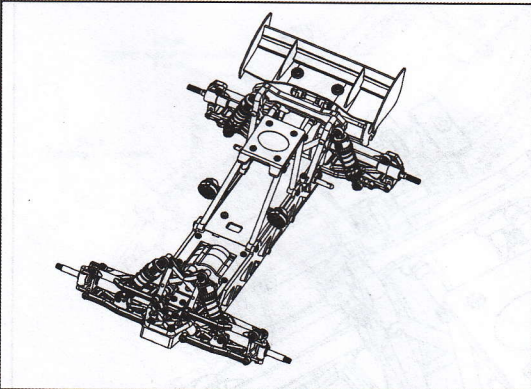
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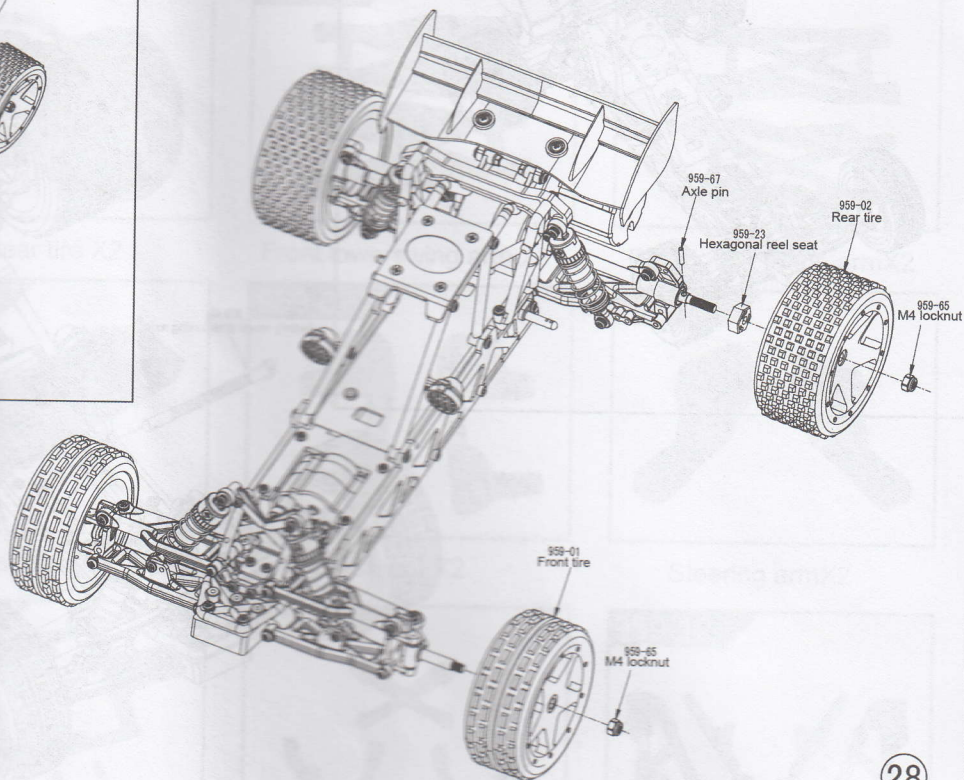
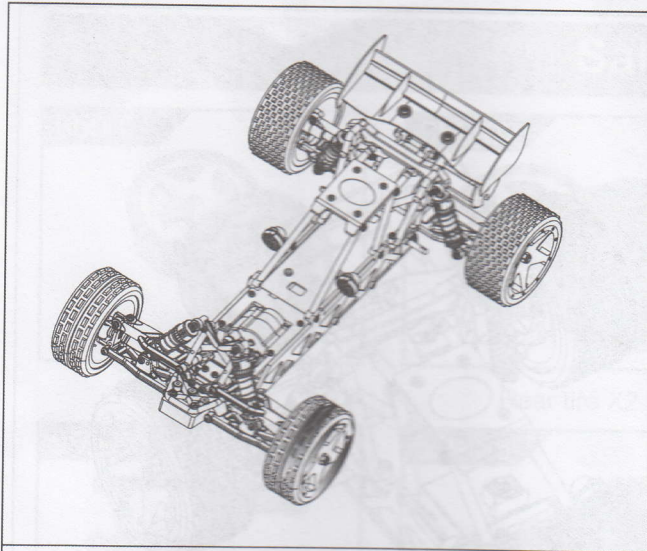
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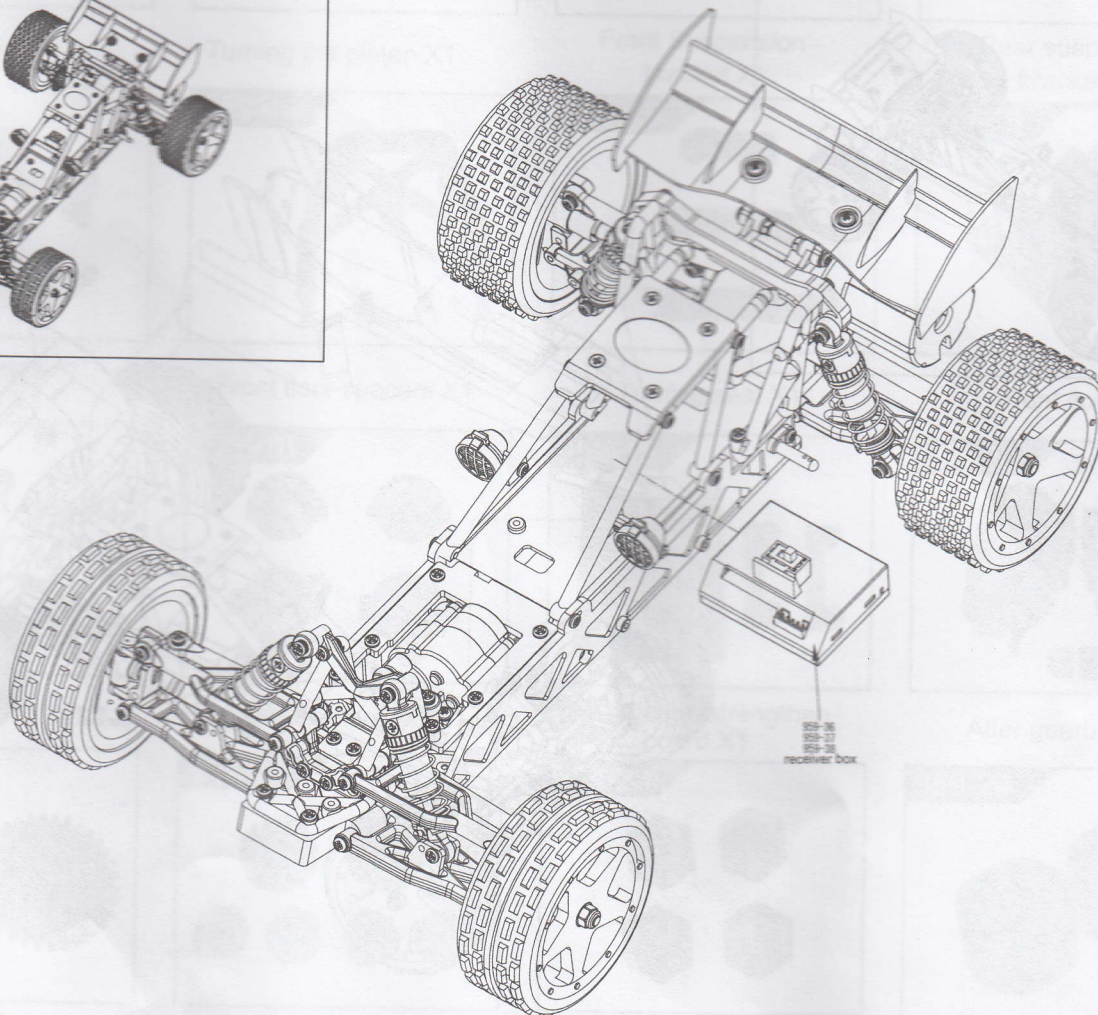
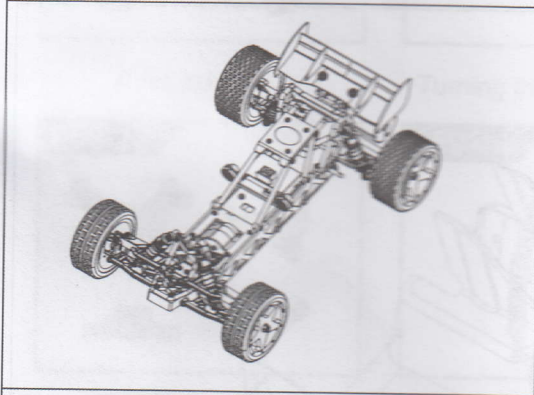
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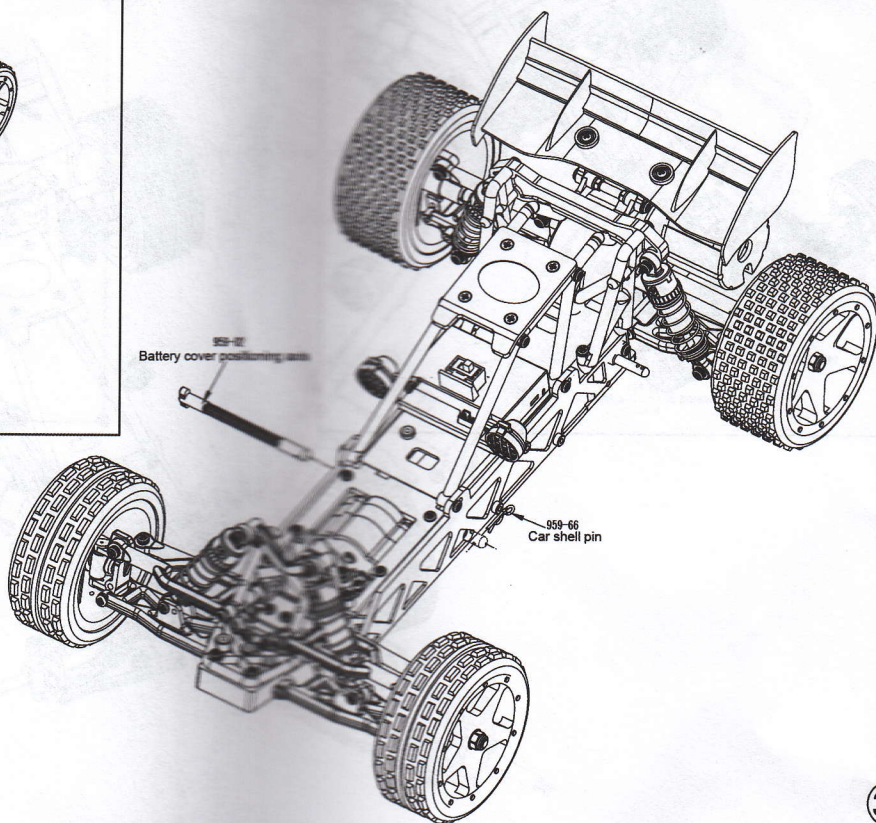
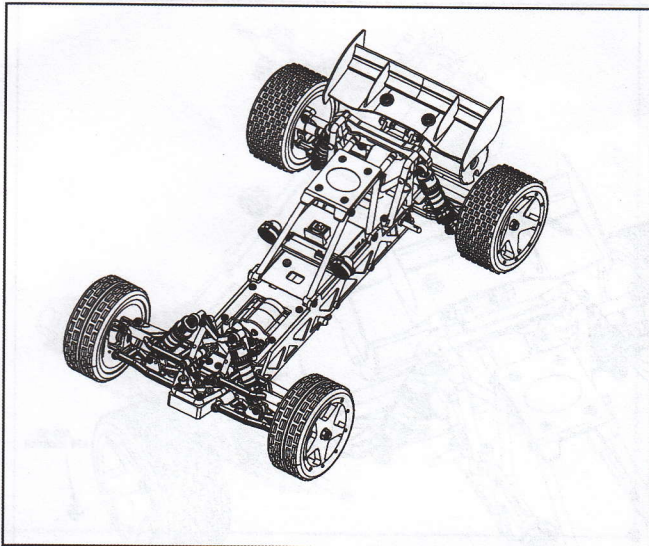
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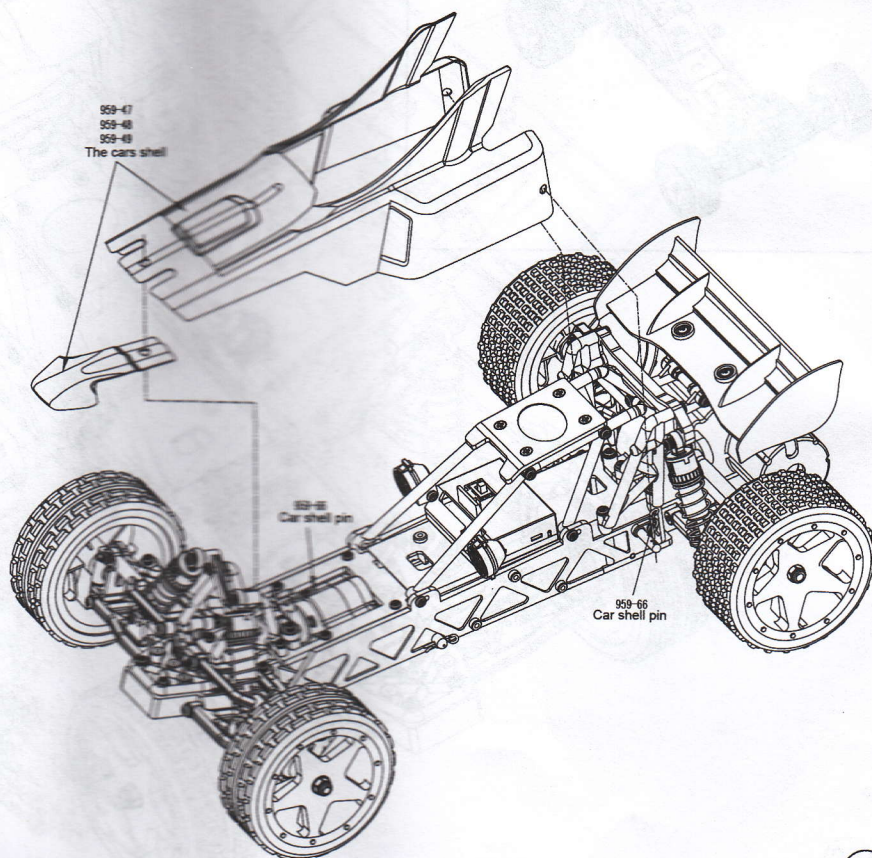
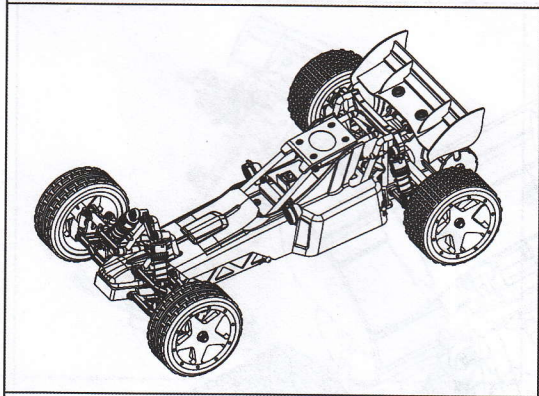
28



29



30



31

Sale parts view

959-01



Front tire X2

959-02



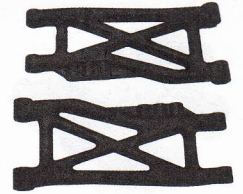
Rear tire X2

959-03



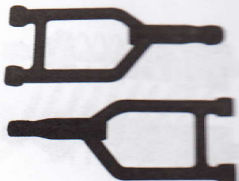
Front lowerswing arm X2

959-04



Rear lower swing armX2

959-05



Front swing arm X2

959-06



Bottom of the vehicle X1

959-07



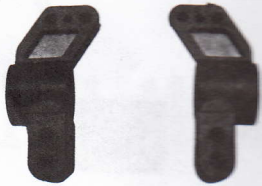
C-seat X2

959-08



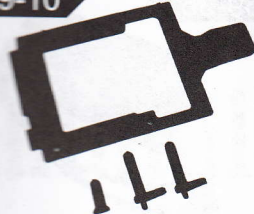
Steering armX2

959-09



Rear axle X2

959-10



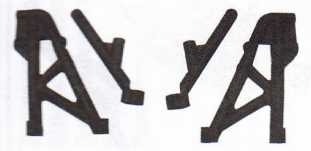
Turning the platen X1

959-11



Front Suspension bracket X1

959-12



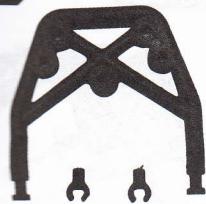
Rear suspension bracket X2

959-13



Front Suspension bracket X1

959-14



Front floor spacers X1

959-15



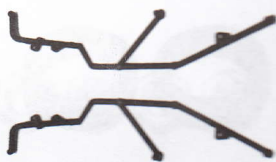
Turning seat X1

959-16



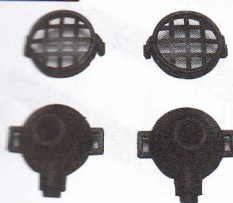
Front floor X1

959-17



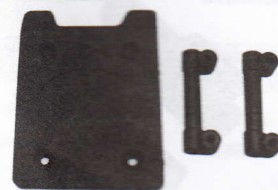
Roll cage X2

959-18



Lampholders X2

959-19



The rollcage strengthen board X1

959-20



After gearbox X1

959-21



After the gearbox reduction gear X1

959-22



Differential planetary gear X1

959-23



Hexagonal reel seat X4

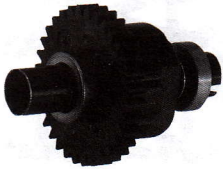
959-24



Transmission case X2

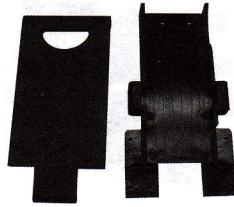
Sale parts view

959-25



Transmission X1

959-26



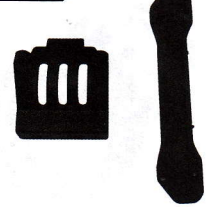
After backplane X1

959-27



Transmission axle X2

959-28



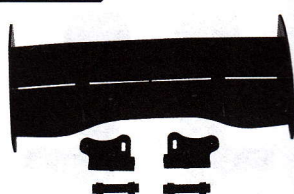
Fixed plate of the rear shockX1

959-29



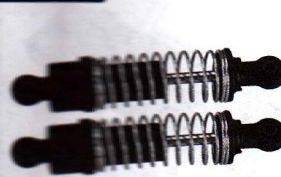
Tie bar X1

959-30



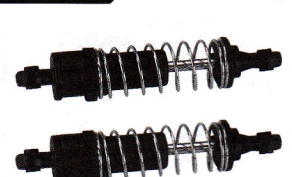
TailX1

959-31



Front shock absorberX2

959-32



Rear Shock AbsorberX2

959-33



MotorX1

959-34



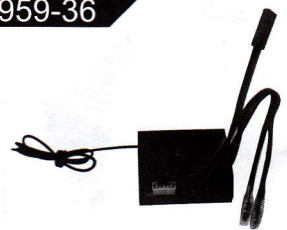
Motor gearX2

959-35



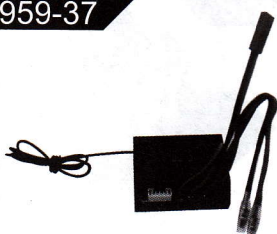
BatteryX1

959-36



27MHZ receiver boxX1

959-37



40MHZ receiver boxX1

959-38



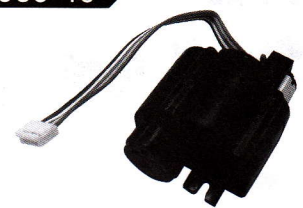
2.4G receiver boxX1

959-39



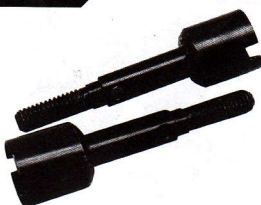
ChargerX1

959-40



ServerX1

959-41



AxleX2

959-42



Variable-speed access CupX2

959-43



Front axleX2

959-44



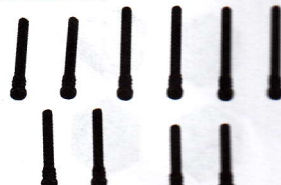
Ball bearings 10X15X4X2

959-45



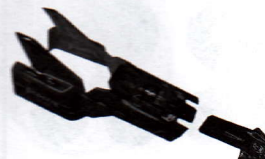
Oil bearing 5X9X3 X4

959-46



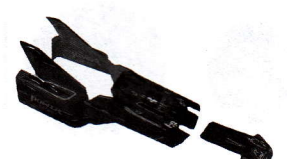
Swing arm pinX2

959-47



The cars shell (blue)X1

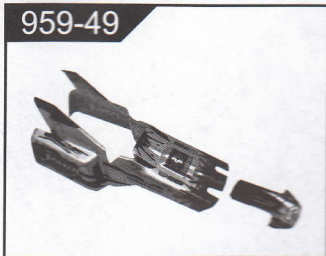
959-48



The cars shells (Green)X1

Sale parts view

959-49



The car's shell(Silver) X1

959-50



27MHZ Transmitter X1

959-51



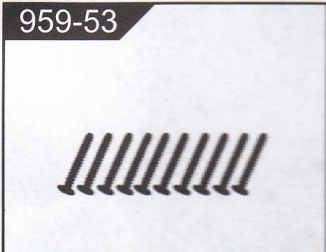
40MHZ Transmitter X1

959-52



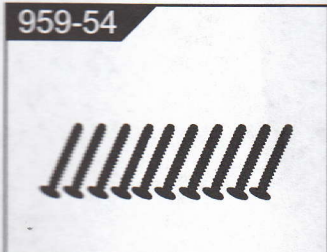
2.4G Transmitter X1

959-53



Countersunk head machine screws 2X6X10

959-54



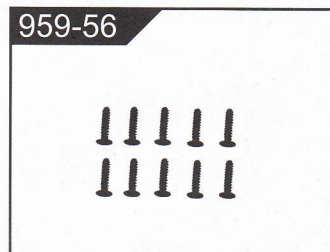
Automatic screw countersunk head 2.6X8X10

959-55



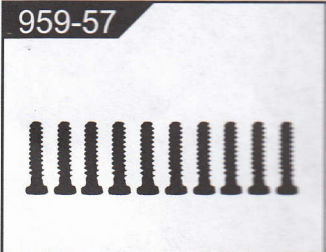
Automatic screw countersunk head 2.6X12X10

959-56



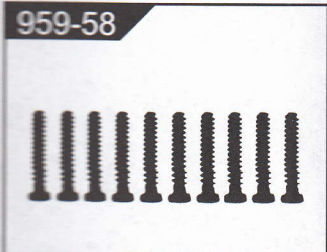
Eyelet automatic screw 1.8X3X10

959-57



Eyelet automatic screw 2.6X8X10

959-58



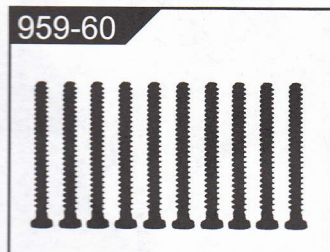
Eyelet automatic screw 2.6X10X10

959-59



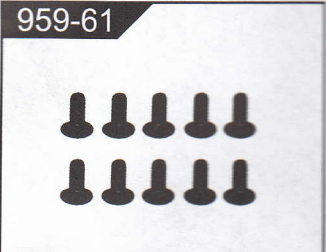
Eyelet automatic screw 2.6X14X10

959-60



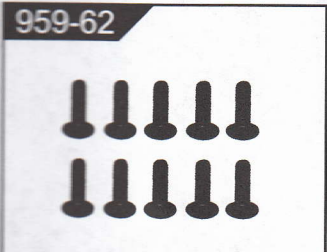
Eyelet automatic screw 2.6X25X10

959-61



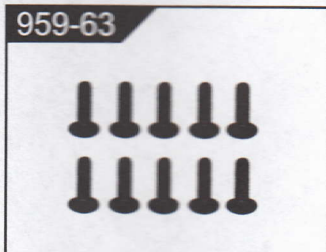
Eyelet with referral automatic screw 2.6X4X10

959-62



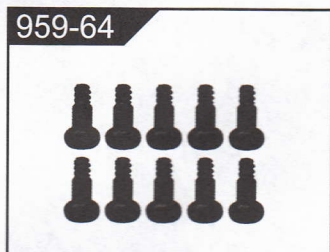
Eyelet with referral automatic screw 2.6X6X10

959-63



Eyelet with referral machine screws 2.5X6X10

959-64



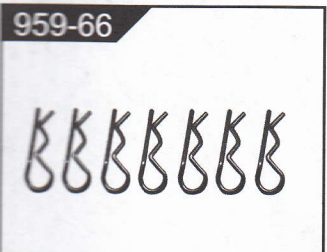
Round automatically stepped screws 3X8X10

959-65



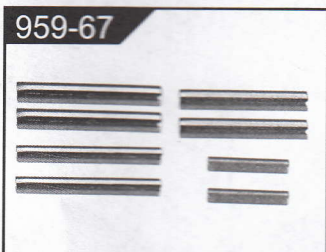
M4 locknut X4

959-66



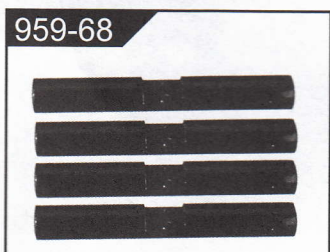
Car shell pin X8

959-67



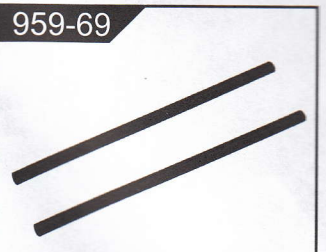
Axle pin X2

959-68



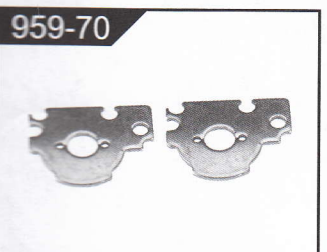
Shift pin X4

959-69



Battery cover positioning axis X2

959-70



Motor brackets X2