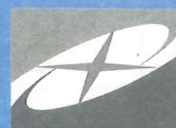


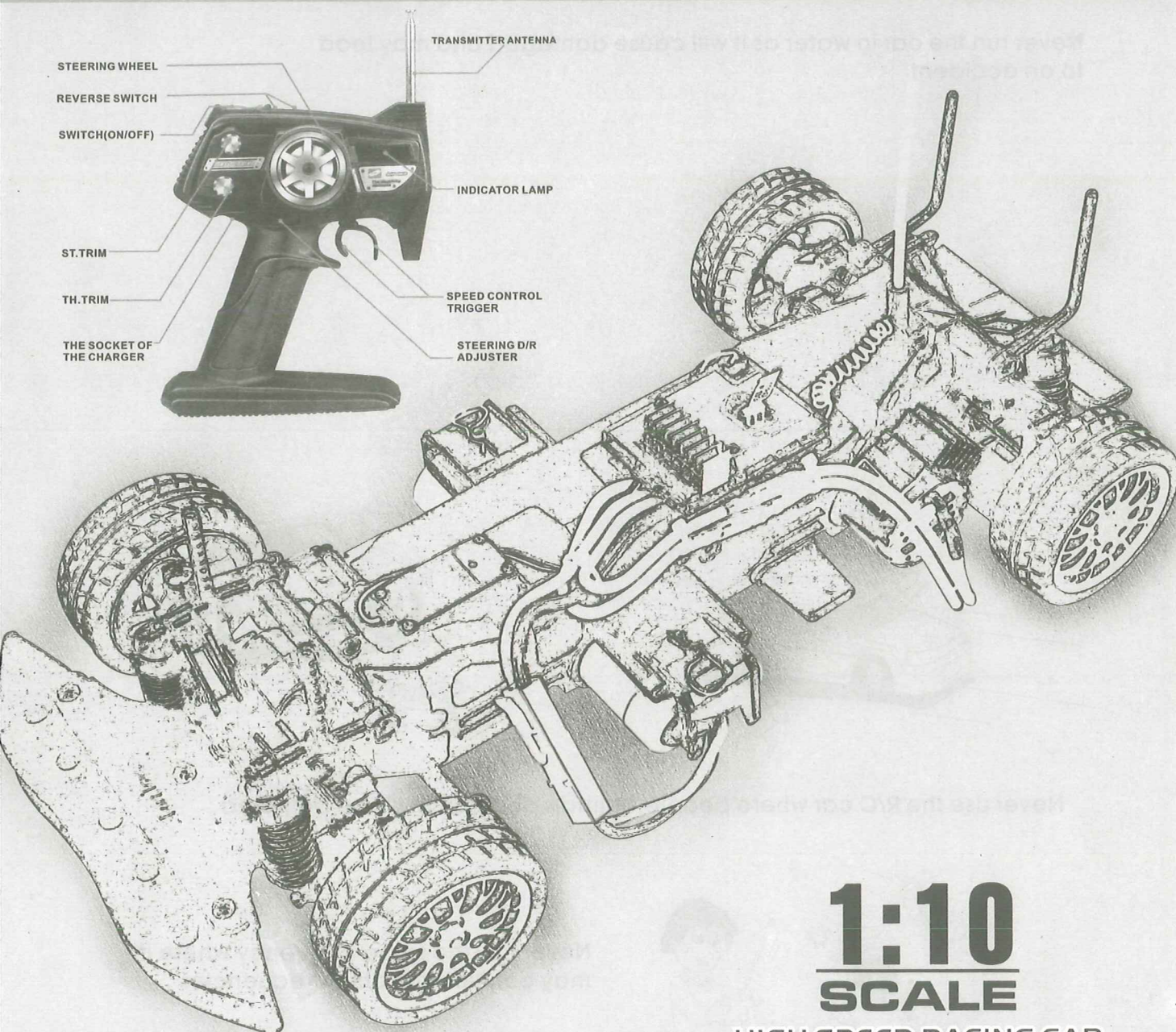
HBXRIVAL



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海博星

1/10 DIGITAL PROPORTIONAL 4WD R/C CAR

SHAFTT DRIVEN 4WD



1:10
SCALE

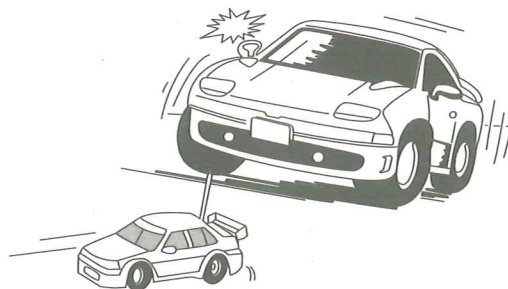
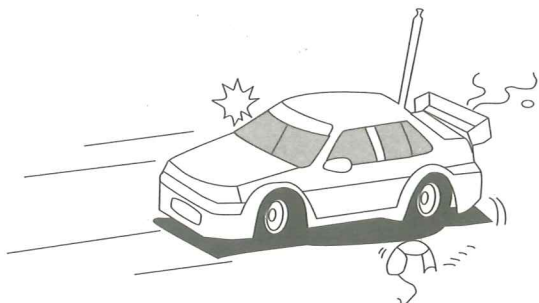
HIGH SPEED RACING CAR

GENUINE 4 WHEELS DRIVE

CAUTION

- Children under the age of 14 must be supervised by an adult.
- Do not operate near communication facilities as this may cause interference and or loss of control.
- When the brake is applied the car will not immediately stop. This may lead to accidents.
- This car has been pre-assembled to factory settings.
- Warranty and liability are void if any self alteration including upgrading and changing parts.

Never run the car in water as it will cause damaged and may lead to an accident



Never use the R/C car where people, animals and traffic will be bothered.

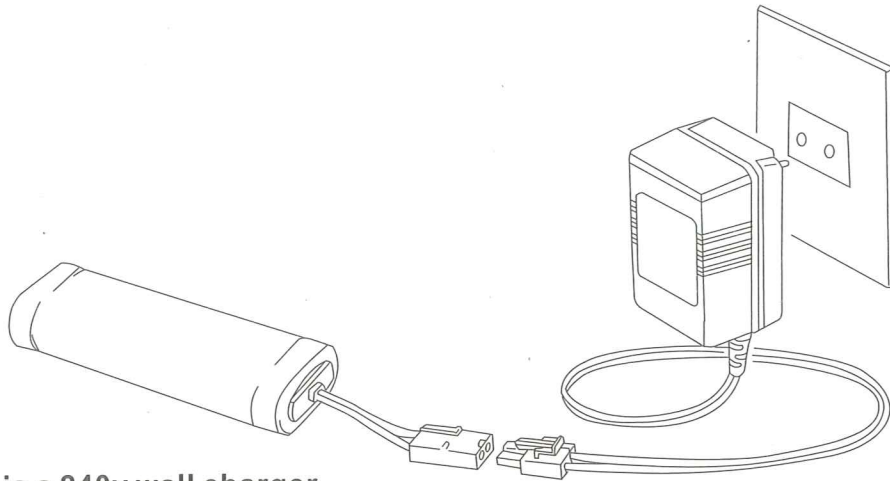


Never use the same frequency where it may conflict with other frequencies

CATALOGUE INDEX

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	LINKING REMOTE CONTROL ELECTRONICS	
●	OPERATION OF RADIO AND CAR	4-5
	RADIO	
	OPERATING THE RADIO	
	INSERTING RADIO BATTERIES & ANTENNA	
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	CHECKING OPERATION OF CAR	
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●	TROUBLESHOOTING	7
●	CHASSIS ASSEMBLY	8
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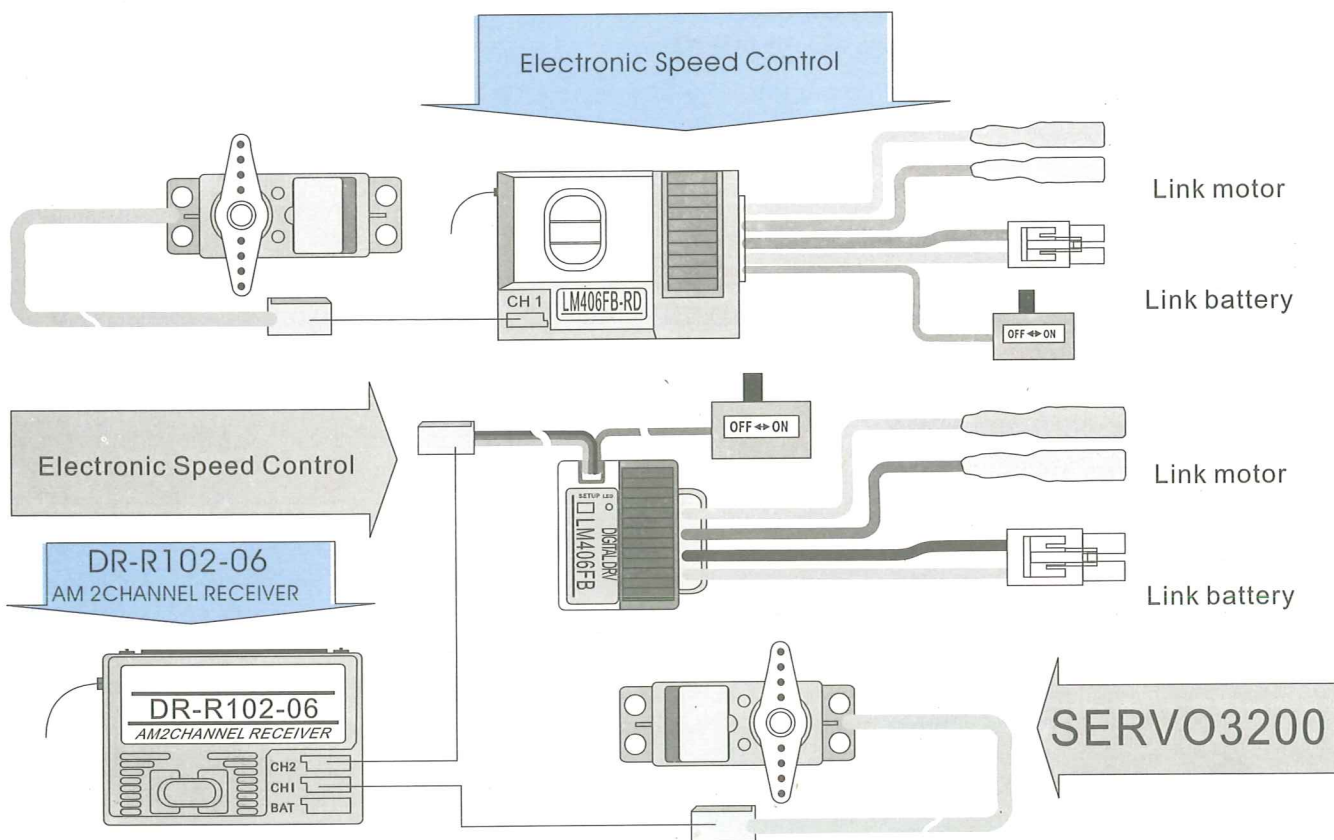
BEFORE YOU START



CHARGING BATTERY

The charger provided is a 240v wall charger
It will charge both 7.2v battery packs and the transmitter batteries.
The charger will charge the 7.2v 1800mA in 2.25hrs and the
transmitter 800mA in 4hrs DO NOT LEAVE UNATTENDED.

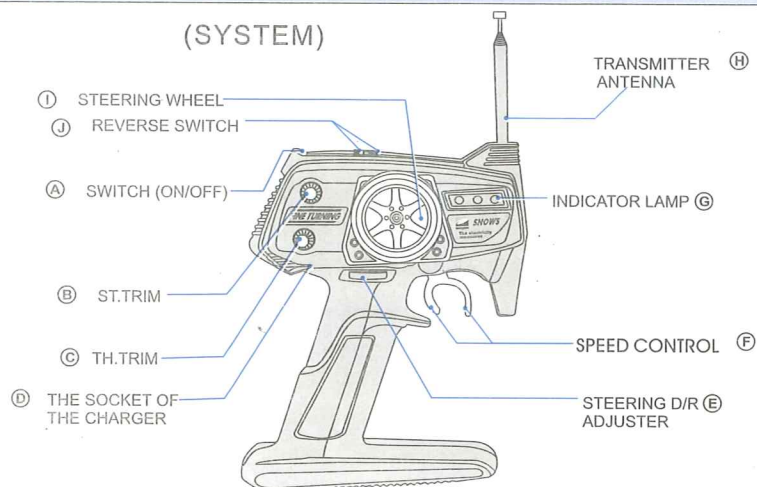
RC Set parts link



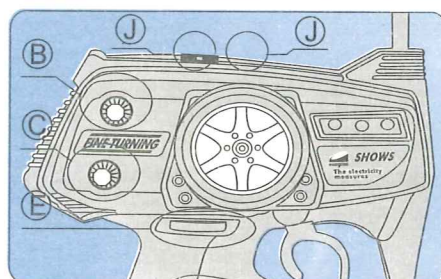
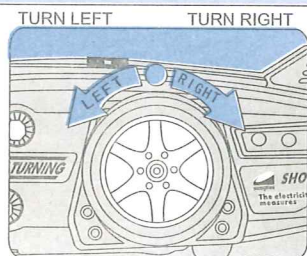
OPERATION OF RADIO AND CAR

MANUAL OF RADIO

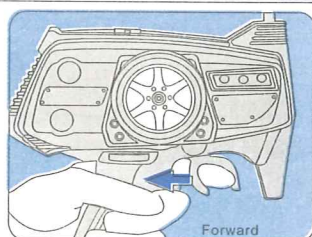
(SYSTEM)



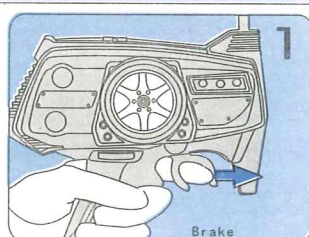
(OPERATION)



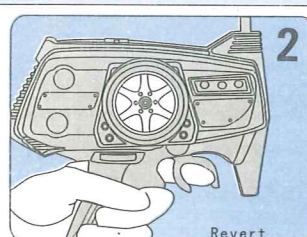
- B Steering trim: Adjusts the steering neutral position.
- C Throttle trim: Adjusts the throttle neutral position.
- E Steering adjustment: increases or decreases amount of steering.
- J Throttle & steering reverse



In neutral the car is stationary pull trigger to accelerate



In accelerate position push forward and the car will stop.

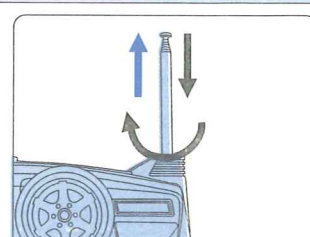
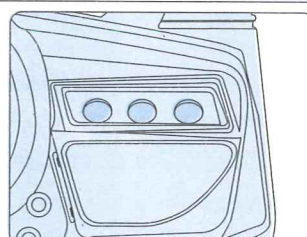
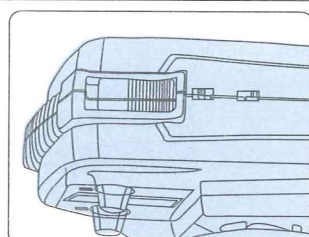
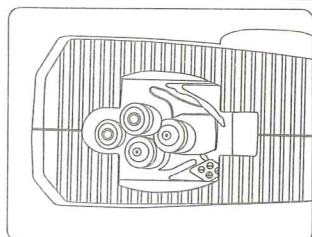


Trigger in neutral position.



From neutral position push trigger forward for reverse

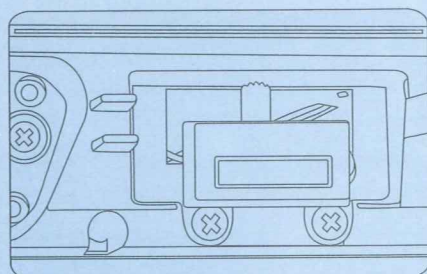
(OPERATION OF BATTERY AND TRANSMITTER ANTENNA)



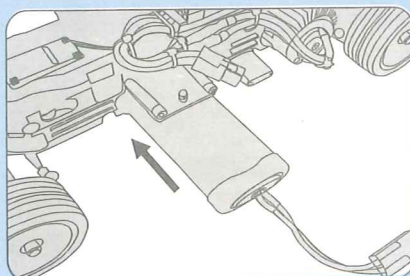
OPERATION OF RADIO AND CAR

ASSEMBLY AND OPERATION

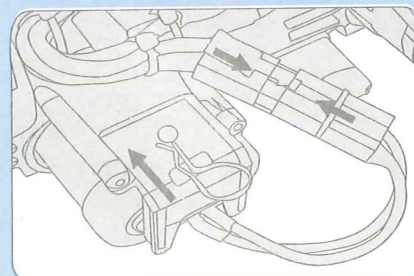
BATTERY ASSEMBLY



Turn row switch to "OFF" position

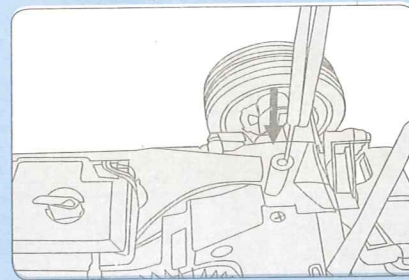
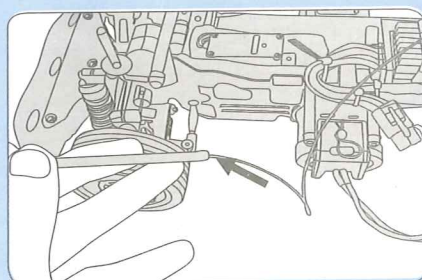


Assemble batteries as arrow direction shows

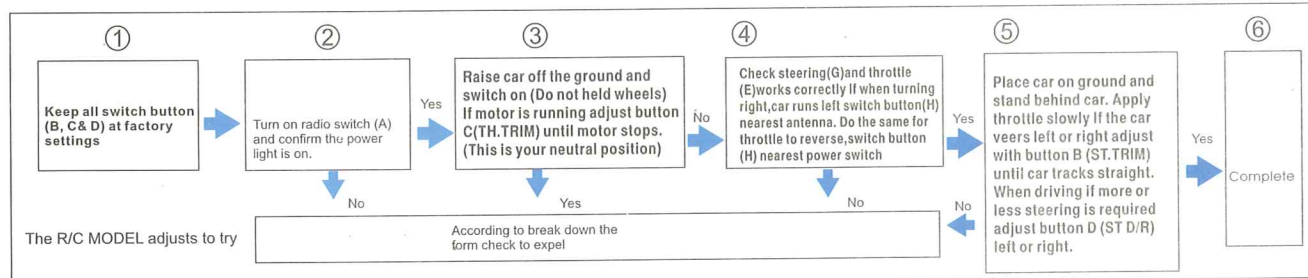


Assemble battery and fix up, then link battery well

Transmitter Antenna Assembled

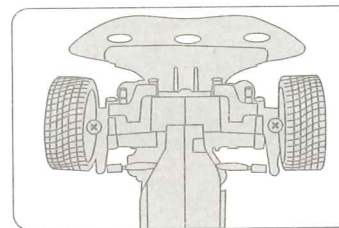
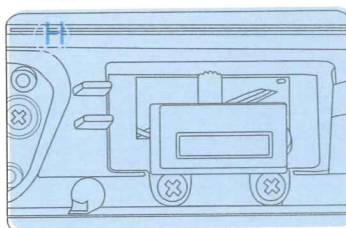
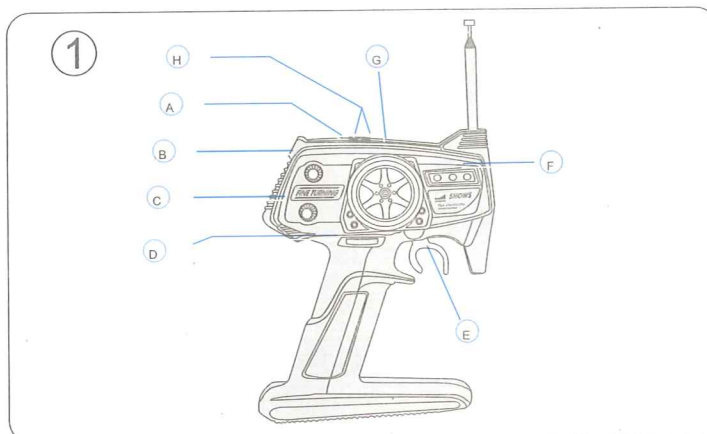


OPERATE PROCESS

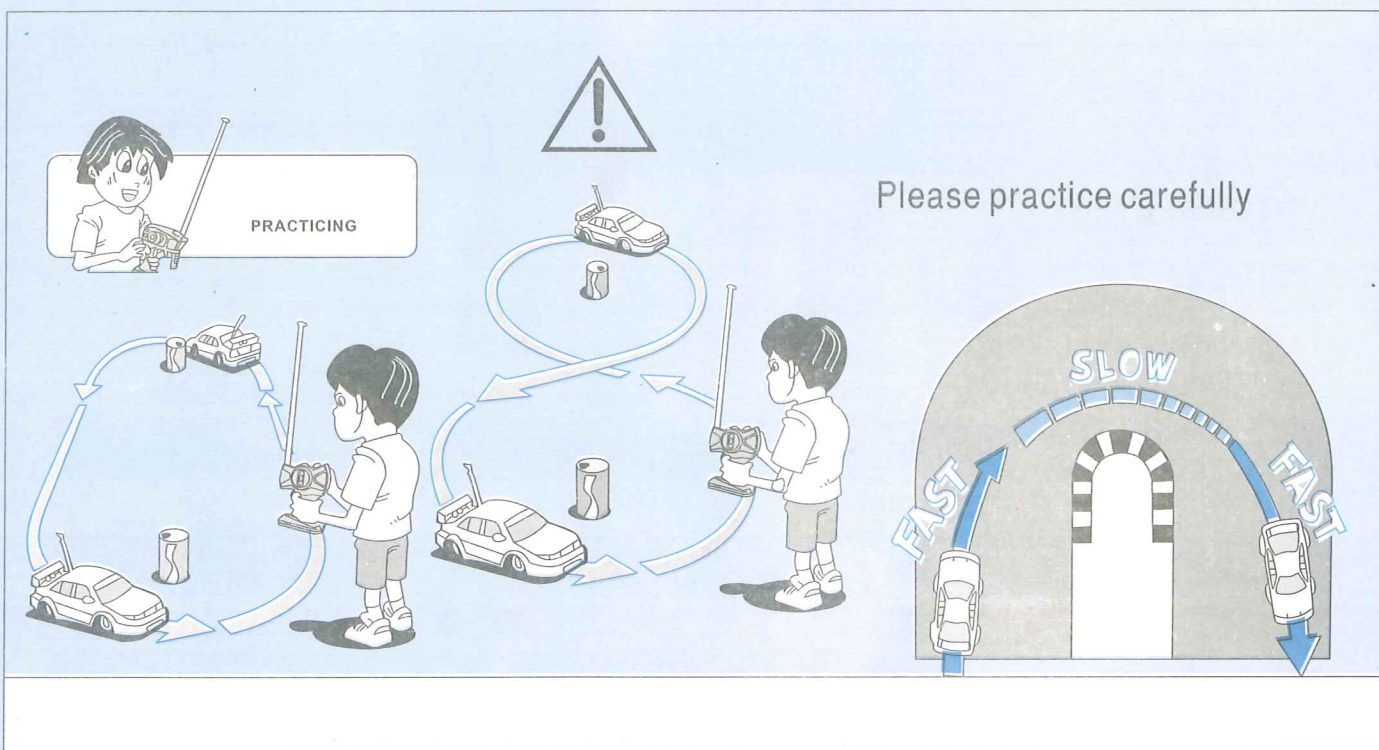


FRONT WHEEL LINKAGE ADJUSTMENT

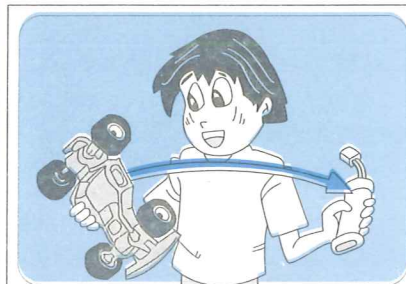
To adjust the cars toe in and toe out. Rotate turnbuckle/steering arm while steering is in neutral position with car and radio on. Ensure wheels are pointing straight (Use a ruler to check). This procedure is only needed when changing parts.



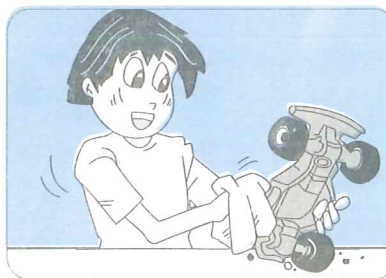
OPERATION TRAINING AND CAR IS MAINTENANCE



Maintain



When the car is not in use remove the battery from the car.



Completely remove sand, mud, dirt etc.

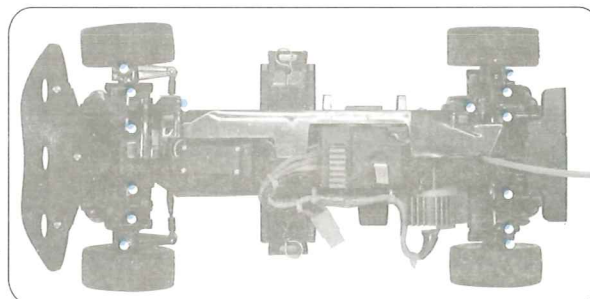
After cleaning apply grease to suspension, gears and bearings



Store the car and batteries separately when not in use.



When car has not been used for sometime please repeat maintenance procedure as oil/grease can dissipate.



TROUBLE SHOOTING

TROUBLE LIST			PROBLEMS									Please use the troubleshooting diagram provided before returning your vehicle to you local dealer	
			No light	Motionless	Limited Range problems	Reverse not functioning	Motor is motionless	Servo Slowness	Servo abnormality	Controller not functioning	Interference		No response
CAUSE												SOLUTION	
Transmitter radio	Battery	Power exhausted	●	●	●				●	●	●	●	Recharge or replace battery
		Polarity reversed	●									●	Reinstall transmitter batteries
		Bad connection	●	●					●		●	●	Check battery spring in transmitter is Free from debris or oxidisation
	Antenna	Come loose		●							●	●	Tighten Antenna
		Will not completely extend		●	●					●	●		Take out or replace
	Crystal	Come loose		●							●	●	RE-insert
		Different frequency					●				●	●	RE-match
		Different type					●				●	●	Confirm type(AM or FM)
	Receiver	Battery	Power exhausted		●			●	●	●		●	●
Contact bad				●			●		●		●	●	Check contact point
Antenna		Near other lead of motor		●	●				●	●	●		Keep away from the lead or motor
		Was trimmed		●	●	●				●	●		Replace antenna
Crystal		Come loose		●					●		●	●	RE-insert
		Different frequency					●				●	●	RE-match
		Different type					●				●	●	Confirm type(AM or FM)
Speed control	With sound but not action								●				Change or maintain
	Lock or loose							●	●				Check and re-link
Motor	Power disturbance			●	●	●			●	●	●		Check connections with power off
	Linkage loose						●					●	Re-link
	Broken						●					●	Change or maintain

7 Chassis assembly



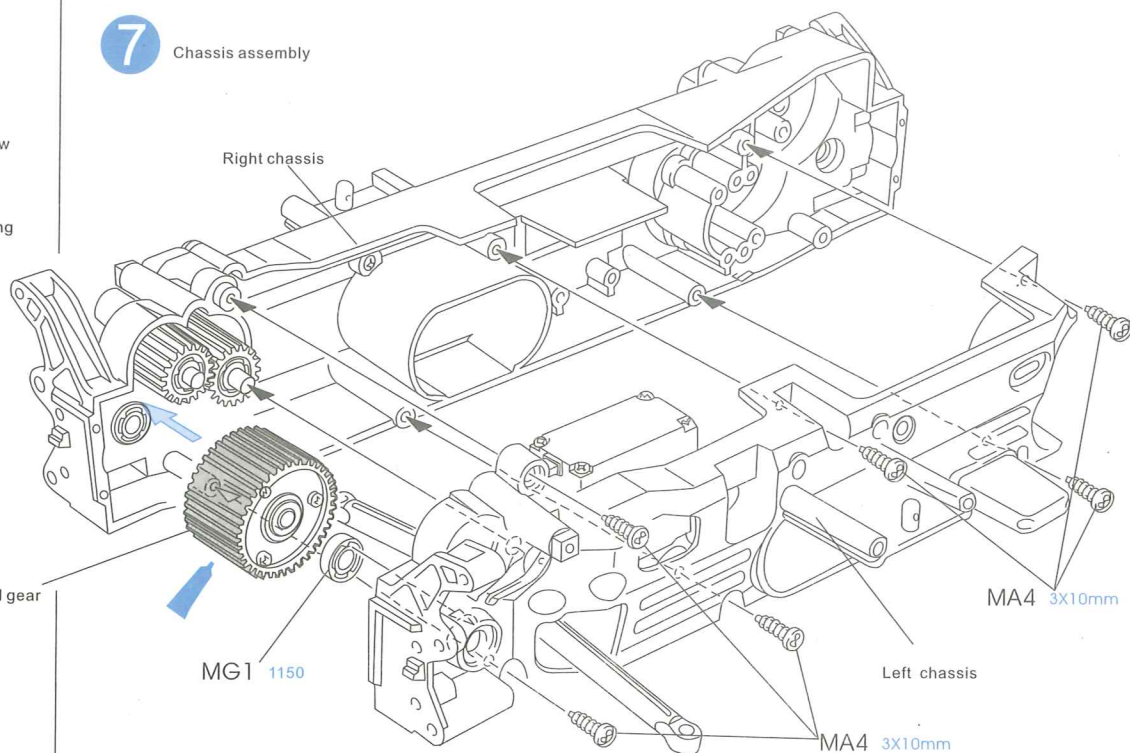
MA4x6

3x10mm
Tapping screw



MG1x1

1150
Plastic bearing



8 Counter gear



MA4x2

3x10mm
Tapping screw



MG1x4

1150
Plastic bearing



MA9x1

5x40
Shaft



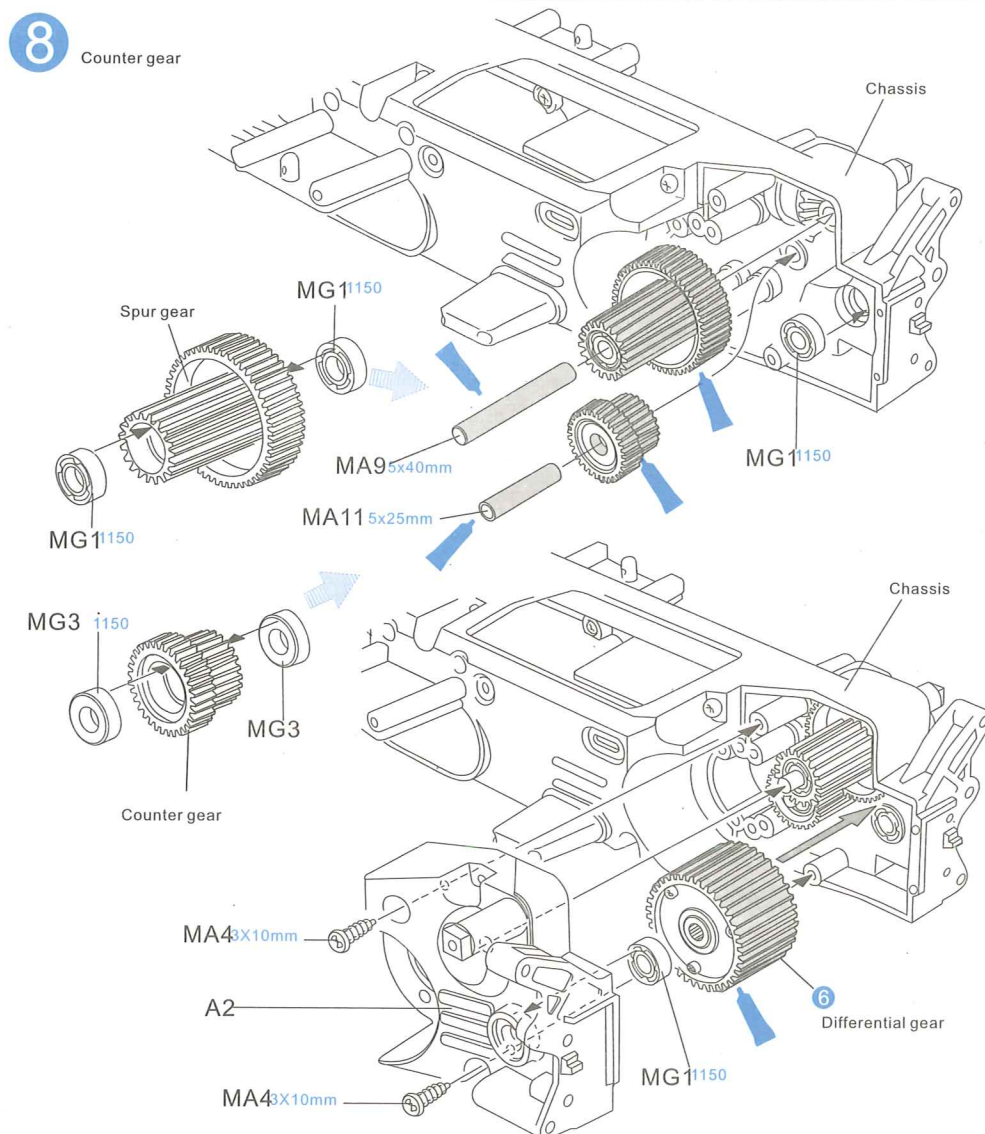
MA11x1

5x25mm
Shaft



MG3x2

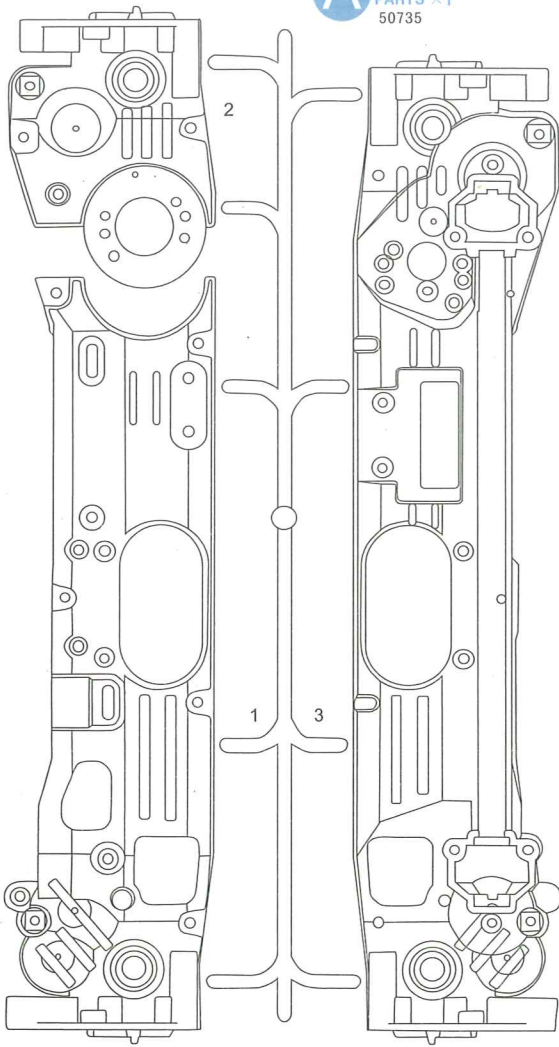
1150
Metal bearing



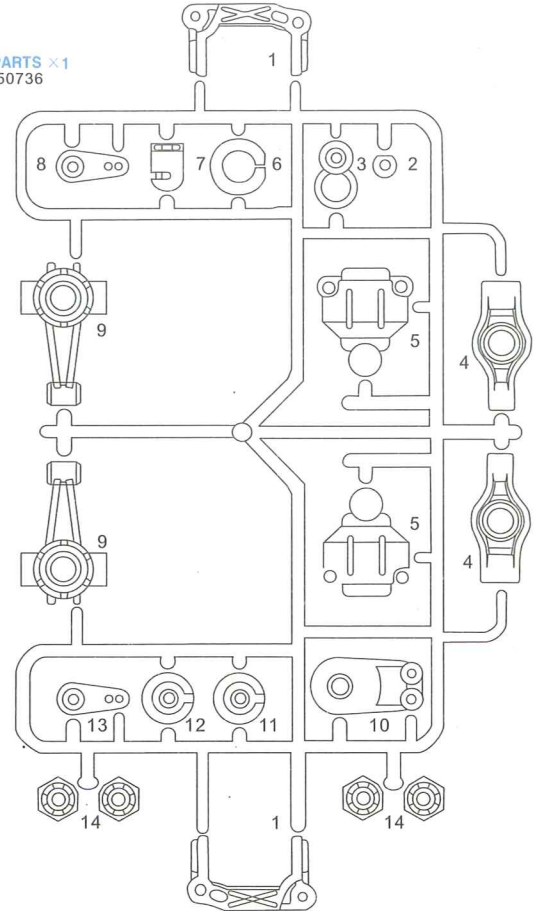
PARTS

★ Specifications are subject to change without notice.

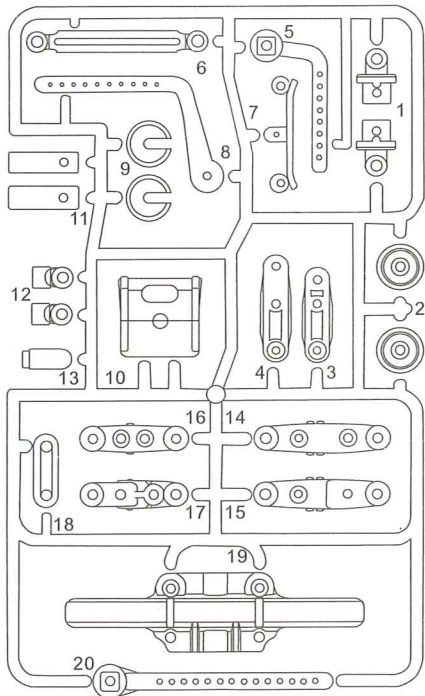
A PARTS ×1
50735



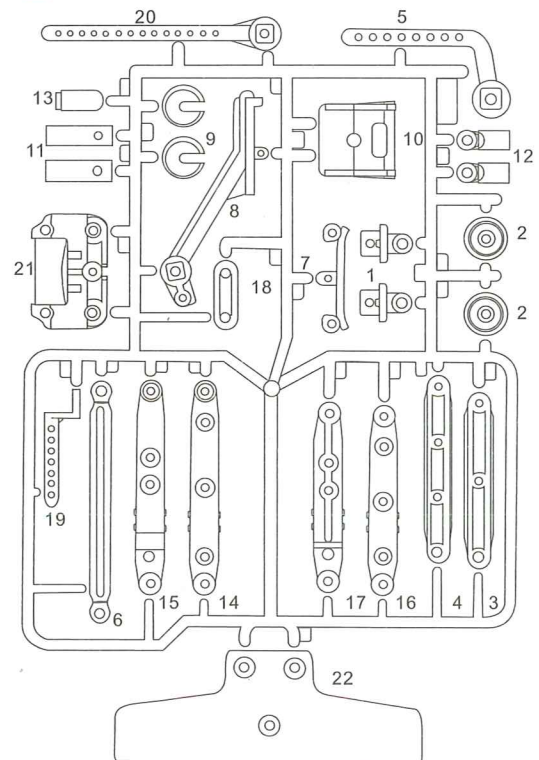
B PARTS ×1
50736



C 1~20 PARTS ×2
50737



C 1~22 PARTS ×2
0005688

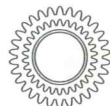
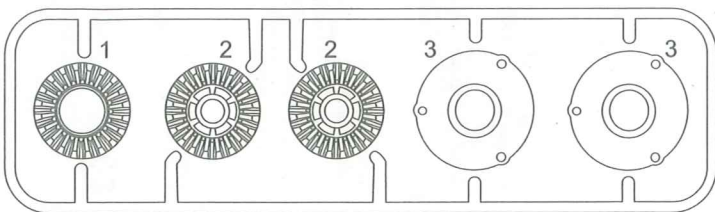


EXPLODED VIEW



PARTS

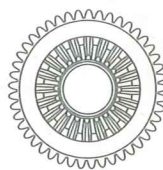
G PARTS×1
50738



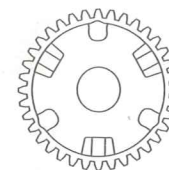
G4×1
Counter gear
50378



G6×1
Idler gear
50378



G5×1
Spur gear
50378



G7×2
Differential gear
50378

METAL PART BOX

Motor ×1
30061
30062
30063

Propeller shaft 3555120

Battery ×1
30071 30072 30073

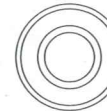
★ Full ball bearing version kit



MG1×20 Plastic bearing
0555015



MG2×2 Metal bearing
9805622



MG3×2 Ball bearing
53008

A 1~11 9415782



MA1×2 3×25mm
9805620 Screw



MA2×2 3×14mm
50582 Step screw



MA3×6 3×10mm
9805662 Flange tapping screw



MA4×21 3×10mm
50577 Tapping screw



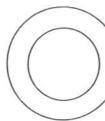
MA5×1 2.6×10mm
50575 Tapping screw



MA6×6 2×8mm
50573 Tapping screw



MA7×1 3mm
50576 Grub screw



MA8×4 9mm
50602 Washer



MA9×2 5×40mm
3550007 Shaft



MA10×1 5×30mm
3550008 Shaft



MA11×1 5×25mm
3550009 Shaft



MA12×2 2×10mm
50594 Shaft



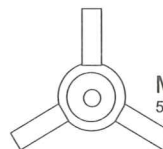
MA13×1 19T Pinion gear
50355



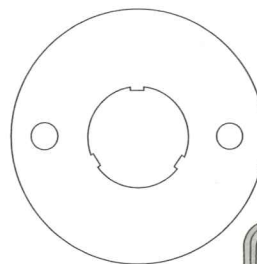
MA15×4 Large bevel gear
50602



MA16×6 Small bevel gear
50602



MA17×2 Star shaft
50602



MA14×1 4305125
Motor plate

Hex wrench ×1
50038

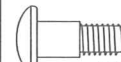
Grease ×1
87025



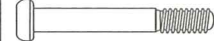
Nylon band ×1
50595

Double-sided
tape ×2
50171

B 12~26 9415784



MB1×4 4×11.5mm
50585 Step screw



MB2×4 3×23mm
9805567 Screw



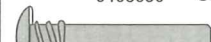
MA2×16 3×14mm
50582 Step screw



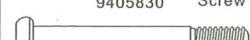
MA4×25 3×10mm
50577 Tapping screw



MB3×6 3×46mm
9405830 Screw pin



MB4×2 3×32mm
9405830 Screw pin



MB22×4 3×27mm
9805568 Screw



SC3×4 5mm
50592 Ball connector



MB5×4 4mm
985557 Flange lock nut



MA12×4 2×10mm
50594 Shaft



MB6×4 3mm
9805240 O-ring(black)



MB7×8 Snap pin(small)
50197



MB8×2 Snap pin(large)
50197



MB9×1 Rubber tubing
8000072



SC2×4 3.5×75mm
9805551 Drive shaft



SC4×4 Adjuster
50596



MB10×2 Gearbox joint(short)
9805368



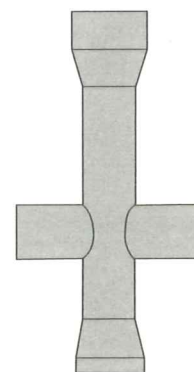
MB11×2 Gearbox joint(long)
9805368



MB12×4 Wheel axle
50823



MB13×4 3.5×43.5mm
50883 Drive shaft



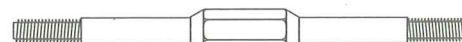
Box wrench
50038



MB14×4 Coil spring
9805485



MB21×4 Coil spring
9805576



SC1×2 2.6×71mm
9805583 Threaded shaft

HBXRIVAL

1/10 DIGITAL PROPORTIONAL 4WD R/C CAR

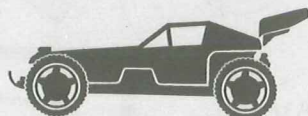
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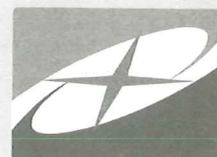
NO.6518



NO.6528



NO.2003



HAIBOXING

PLEASE READ THIS INSTRUCTION CAREFULLY BEFORE USING THIS PRODUCT.
PLEASE KEEP THIS INSTRUCTION VALIDLY, SO THAT IT CAN BE GET READY AT ANY TIME YOU NEED.

SHAFT DRIVE 4WD