INSTRUCTION MANUAL



CONSON **BS912T** 1/10 BRUSHLESS TRUGGY



NEPARTAK

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BS913T 1/10 BRUSHLESS TRUCK



BS914T 1/10 BRUSHLESS TRUGGY

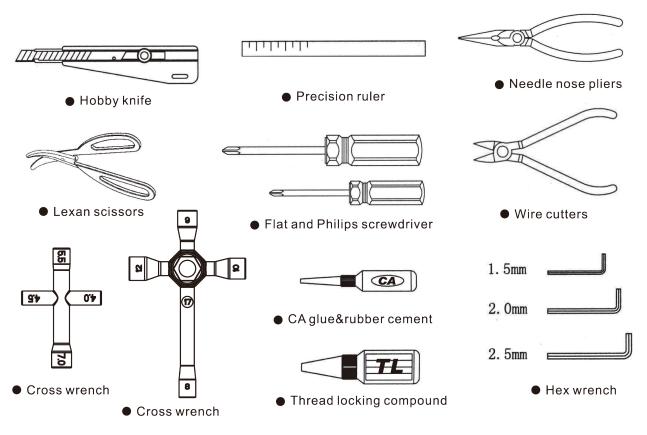


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Required equipment for operation

1. Tools required for building and maintenance:



WARNING!

Do not use a power screw driver to install screws into nylon or plastic materials. The fast locking may heat up the screws being installed that may break the molded parts or strip the threads during installation.

2.Additional items needed for operation:



4pcs AA alkaline batteries for transmitter

IMPORTANT!

Check all the screws are tight before playing the vehicle! Use thread lock on all screws that work loose.

Please read the instruction carefully before starting the assembly.

- 1.Please assemble and install this car without children's reach.As it includes small and sharp parts.
- 2.Do not run the car on public streets or highways.As it might cause serious accidents, personal injuries and property damage etc.
- 3.During the middle of racing and after operation, the engine and exhaust will become HOT. Therefore please do not touch them before cooling down.

4.Please make sure everyone is using different frequencies while racing the car in the same area.

2.4GHz radio instructions

Special symbols

Please pay attention to the following symbols, and read them carefully.

Danger: If the operator does not operate according to the instructions, it may lead to serious injuries, even mortal danger.

Warning: If the operator does not operate according to the instructions, it may lead to serious injuries, even mortal danger.

Attention: If the operator does not operate according to the instructions, it may lead to serious injuries, even mortal danger.but generally it will not cause serious injuries to the operator.

Safty guidelines

Don't drive the truck at night, bad weather such as rainy or thundering days. It will interfere the transmitter signal. Thereby it will cause out of control and unexpected accident.

Before you drive, please make sure the movement of servo corresponds with the direction of joysticks. If inconsistent, please adjust before drive.

You need to turn the throttle channel(ch2) and inching switch to the lowest before use. Then switch on the transmitter power, finally connect the receiver.

The sequence to shutdown is to turn off the receiver power first, and then the transmitter power.

If the above operations are reversed, it might lead to out of control and cause accident.

Battery charging



If your transmitter, receiver use a nickel-cadmium, nickel-metal hydride rechargeable battery, you have to check it before use. If lack of electricity, it could cause inadequate control or out of control, resulting in accident. So please charge it immediately when the battery power is low.

TRANSMITTER SPECIFICATIONS

TR TYPE: MADGEAR-TRV1 Channel: 3CH Frequency: 2.4GHz Use DC: (4.0V-8.6V); ≤110mA N.W.: 320g

RX TYPE: MADGEAR-RXV1 Channel: 3CH Frequency: 2.4GHz DC: (4.0V-8.6V); ≤20mA N.W.: 8g

R/F Power: <20dBm; Sensititity: 1024 Modulation: 2-FSK; Frequency Signal: FHSS Specifications: One Set(200*165*105mm)

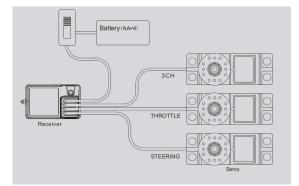
NOTE:

- 1. Install the batteries in correct polarity.
- 2. Using 4*AA batteres.

BINDING PROCESS:



162mm

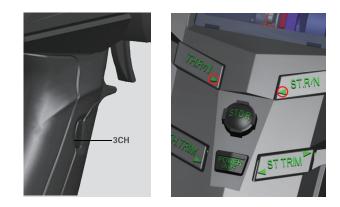


- 1. Turn on the transmitter, press and hold the CH3 button, the LED on the transmitter should flash in blue color, beeper should sounds B-B-B. Release the CH3 button. The transmitter is ready for the binding process.
- 2. Connect power to the receiver, the receiver LED should flash slowly in green color.
- 3. Place the receiver near the transmitter and press and hold the BIND button on the receiver until the receiver LED flashes rapidly for several times then flash slowly again. This indicates the binding process is completed successfully. Release the BIND button.
- 4. Turn off and turn on the transmitter, the receiver's LED should stay solid in green color. This indicates the transmitter and receiver are bonded.

SERVO DIRECTION:

Reverse the throttle servo direction by pressing the TH R/N button for 2 seconds until the beeper beeps once.

Reverse the steering servo direction by pressing the ST R/N button for 2 seconds until the beeper beeps once.



AUX CHANNEL(3CH)

Press the CH3 button once, servo turns 90 degrees, press again, servo turns back 90 degrees.

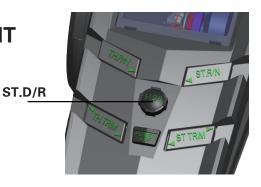
NOTE:

During the binding process, the CH3 button functions as a bind button and does not provide channel 3 functionality.

STEERING DUAL RATES ADJUSTMENT (ST.D/R)

Adjust the dual rate for steering by turning the ST D/R knob.





FAIL SAFE SETUP(S/F)

The fail safe function set the throttle to the lowest position automatically when the radio signal is weak or lost.

- 1. Receiver should memorize the setting once it is setup.
- 2. For electrical powered model, the F/S functions is setup by default.
- 3. For gas powered model, put the throttle trigger at the brake position, press and hold the F/S button on the receiver until the LED flashes rapidly in green color for several times, then turns solid. release the F/S button. the F/S setup is completed.
- 4. Redo the F/S setup after each binding process.

Caution: Verify the F/S setup before operation.

TH.TRIM AND ST.TRIM ADJUSTMENT

Adjust the throttle trim with the TH TRIM button, adjust the steering trim with the ST TRIM button.

Caution: after each binding process, need to manually adjust the TH TRIM to the lowest position.



PARTS LIST

BS910T & BS912T COMMON PARTS

BS910-001	Fr/Rr. Bumper Unit	E
BS910-002	Brace Unit	
BS910-003	Fr. Buffer Block Unit	E
BS910-004	Rim Hub With Pin 4pcs	
BS910-005	C Hubs Unit L	E
BS910-006	Transverse Drive Shaft Set 2pcs	E
BS910-007	Upper Arm Unit	E
BS910-008	Lower Suspension Arm 2pcs	E
BS910-009	Fr. Center drive shaft	E
BS910-010	Fr. Steering linkage set 2pcs	E
BS910-011	C Hubs Unit R	E
BS910-012	Upper Desk	E
BS910-013	Servo Case Unit	E
BS910-014	Battery Cover	E
BS910-016	Diff Gear Set	E
BS910-017	Master / Slave Gear Set	
BS910-018	Diff Gear Box Unit	E
BS910-019	Rr. Brace	E
BS910-020	Rr. Center Drive Shaft	E
BS910-021	Wire Mount Unit	E
BS910-022	15T Motor Gear	
BS910-023	KV 3421 Motor Unit	E
BS910-024	ESC Case	E
BS910-025	Battery Case Unit	E
BS910-026	Pin 3*32.9mm 5pcs	E
BS910-027	Rr. Steering linkage set 2pcs	E
BS910-028	Rr. Buffer Block Unit	E
BS910-029	Brace	E
BS910-031	Joint Unit	E
BS910-032	Gear Box	E
BS910-033	Spur Gear Set	E
BS910-034	Spur Gear Linkage	E
BS910-035	Gear Linkage	
BS910-036	Motor Mount	E
BS910-037	B head hex UNF screwHM4*11 12pcs	
BS910-038	Fr. Chassis	
BS910-039	Middle Chassis	E
BS910-040	Rr. Chassis	Е
BS501-057	B head hex fine pitch screws HM4*16 12pcs	Е
BS810-058	Bumper	
BS810-059	Bumper brace	г
BS501-058	B head hex fine pitch screws HM4*20 12pcs	E
BS810-061	Brace	E
BS810-060	Body Mount	E
BS903-007	Body Pin 6pcs	E
BS502-024	HM3*14mm B-Head Hex Screw 12pcs	E
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BS701-004B	Shock Absorber Unit (Metal Cap and ring) 2pcs		
BS501-067	B head hex fine pitch screws HM4*22 12pcs		
BS810-034	Pin 3*70 5pcs		
BS810-006B	•		
BS808-003	M5 locknut 6pcs		
BS903-014	Ball Bearing(6*12*4) 2pcs		
BS810-035	Pin 3*81 5pcs		
BS810-011	Fr.Left/Right Bracket		
BS810-016	Steering saver unit		
BS810-025	Rr.Left/Right Bracket		
BS810-057	The spring for Steering Saver unit		
BS910-046	4x8x3 ball bearing 2pcs		
BS810-038	Flat Hex Screw fine pitch screws 2.5*12		
	12pcs		
BS810-045	Joint B		
BS903-087	Ball Bearing(12*18*4) 2pcs		
BS810-063	Diff gear box		
BS903-081	Cap Head Hexagon Screw(HM3*10)		
	12pcs		
BS903-097	Diff. Gearbox		
BS810-066	Ball Bearing(5*11*4) 2pcs		
BS903-086	Ball Bearing(5*10*4) 2pcs		
BS702-054	Shaft drive screw 12pcs		
BS810-065	Joint A		
BS810-018	Servo Unit		
B7018W	9KG Servo		
BS810-062	Servo mount and horn		
BS803-028 BS701-047	7.4V 3200Mah Lipo battery 45A ESC		
BS502-022	B head hex fine pitch screws HM3*10		
B3302-022	12pcs		
BS501-057	•		
20001-001	12pcs		
BS910T	PARTS		
BS910-015	Body		
BS910-041	Tire unit (plastic) 2pcs		
BS912T	PARTS		

BS913-013	Body	
BS910-030	Rear Wing N	Nount
BS804-001	Tire Unit	2pcs
BS709-026	Rear Wing	

PARTS LIST

BS913T & BS914T COMMON PARTS

Fr/Rr. Bumper Unit	E
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15T Motor Gear	E
KV 3421 Motor Unit	E
Pin 3*32.9mm 5pcs	
Rr. Steering linkage set 2pcs	E
Rr. Buffer Block Unit	E
Brace	E
Joint Unit	E
Spur Gear Set	
Spur Gear Linkage	E
Gear Linkage	E
B head hex UNF screwHM4*11 12pcs	E
Upper Desk	E
Spur Gear Unit	E
Spur Gear Box	E
ESC Case	E
Motor Mount	E
Rr. Center Drift Shaft	E
Fr.Chassis	
Middle Chassis	E
Rr. Chassis	
Battery Cover	
Servo Unit	
Serve Case	E
Wire Mount Unit	E
Fr. Center Drift Shaft	E
Bumper	
	r
B head hex fine pitch screws HM4*20 12pcs	ł
Brace	E
Body Mount	E
-	E
2 - F	
HM3*14mm B-Head Hex Screw 12pcs	E
	Brace Unit Fr. Buffer Block Unit Rim Hub With Pin 4pcs C Hubs Unit L Transverse Drive Shaft Set 2pcs Upper Arm Unit Lower Suspension Arm 2pcs Fr. Steering linkage set 2pcs C Hubs Unit R Diff Gear Set Master / Slave Gear Set Diff Gear Box Unit 15T Motor Gear KV 3421 Motor Unit Pin 3*32.9mm 5pcs Rr. Steering linkage set 2pcs Rr. Buffer Block Unit Brace Joint Unit Spur Gear Set Spur Gear Linkage Gear Linkage B head hex UNF screwHM4*11 12pcs Upper Desk Spur Gear Unit Spur Gear Box ESC Case Motor Mount Rr. Center Drift Shaft Fr.Chassis Battery Cover Servo Unit Serve Case Wire Mount Unit Fr. Center Drift Shaft Br. Chassis Battery Cover Servo Unit Serve Case Wire Mount Unit Fr. Center Drift Shaft Bumper Bumper Brace B head hex fine pitch screws HM4*20 12pcs

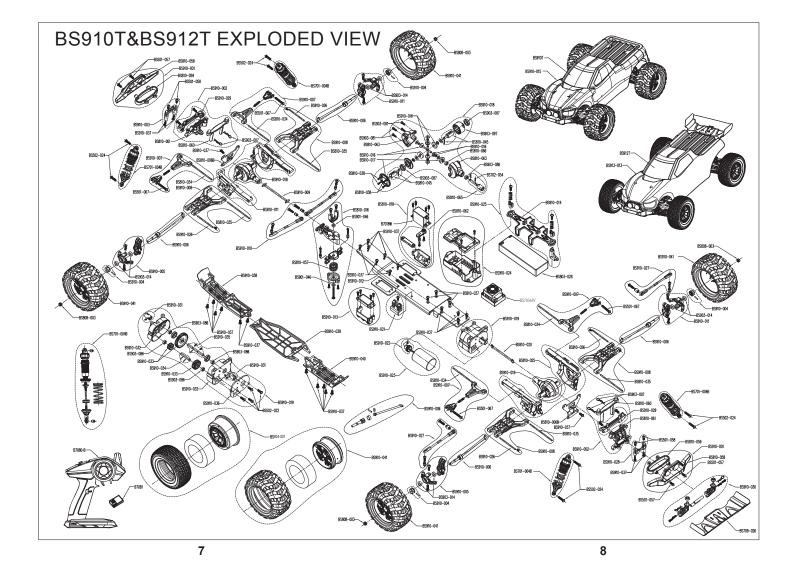
BS701-004B	Shock Absorber Unit			
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BS803-028	7.4V 3200Mah Lipo battery			
BS701-047	45A ESC			
BS502-022	B head hex fine pitch s	crews HM3*10		
	12pcs			
BS501-057	B head hex fine pitch s	crews HM4*16		
	12pcs			

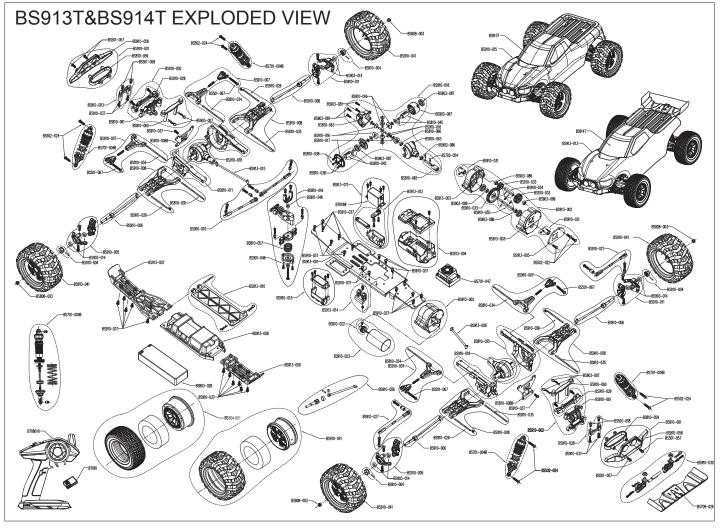
BS913T PARTS

BS910-015 Body BS910-041 Tire unit (plastic) 2pcs

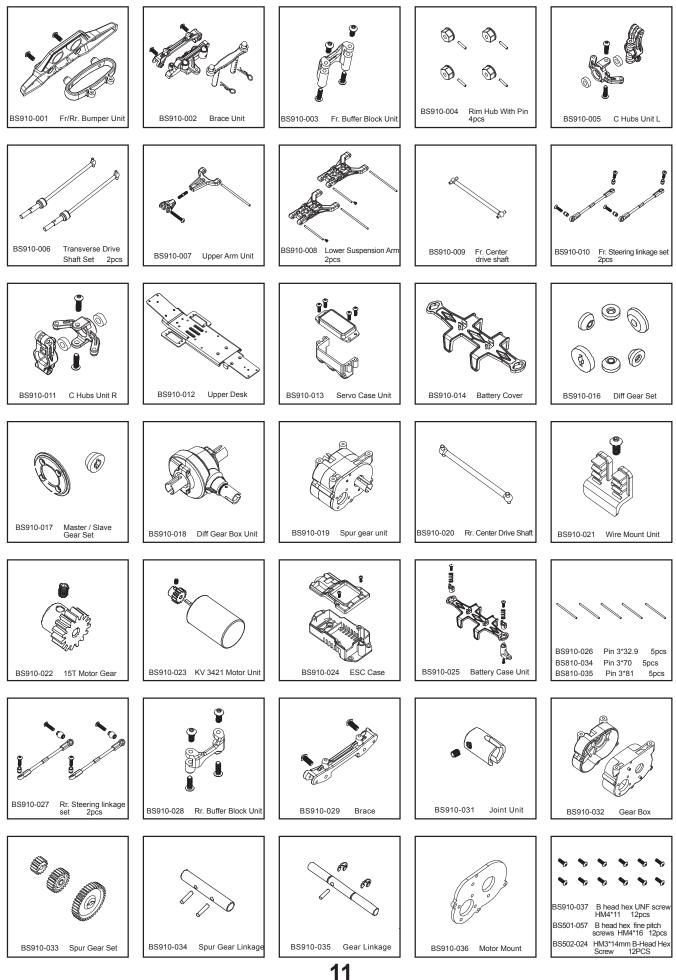
BS914T PARTS

BS913-013BodyBS910-030Rear Wing MountBS804-001Tire Unit2pcsBS709-026Rear Wing

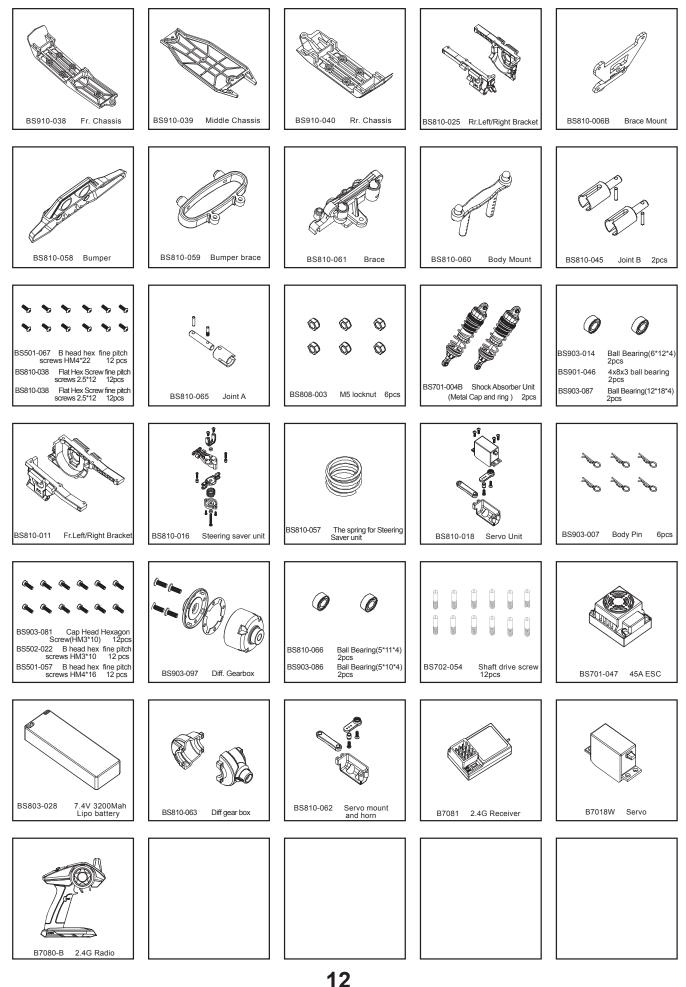




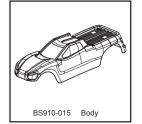
BS910T & BS912T COMMON PARTS



BS910T & BS912T COMMON PARTS



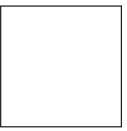
BS910T







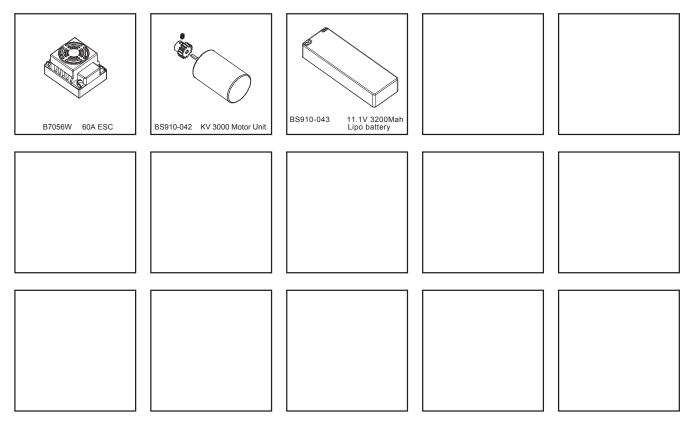




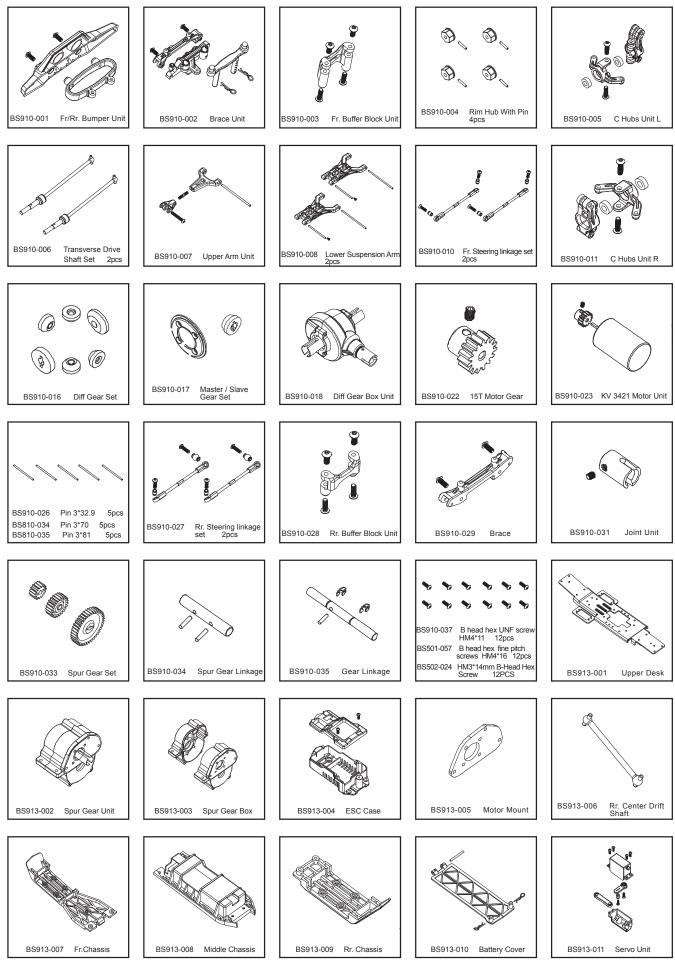
BS912T



UPGRADE PARTS

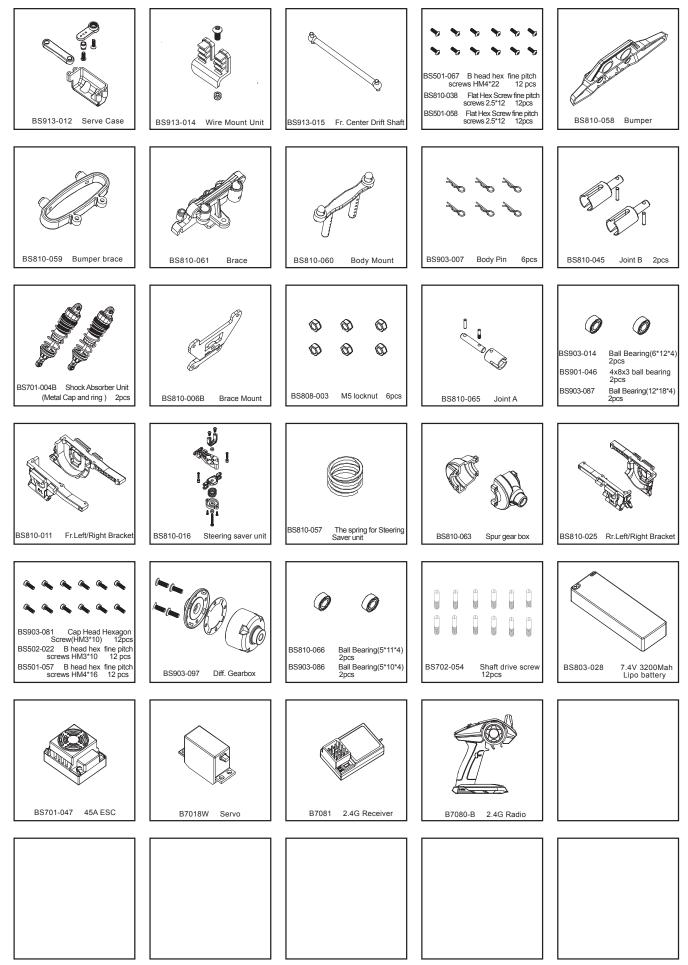


BS913T & BS914T COMMON PARTS

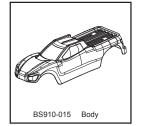


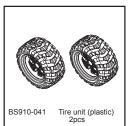
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BS913T & BS914T COMMON PARTS

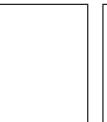


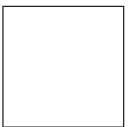
BS913T



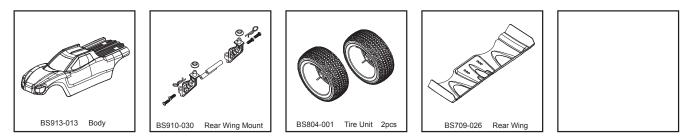




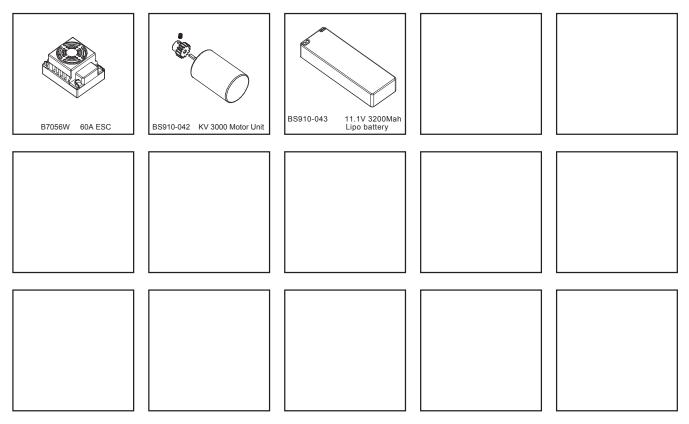




BS914T



UPGRADE PARTS



Precautions and Warnings for Use and Handling of Lithium Polymer Battery

Preface

In order to get the optimum performance and reliable safety, consumers shall read and take the following instructions and precautions when use and handle the Lithium Polymer (Li-Po) batteries.

1. Charging

1-1 Charging current should not be more than the maximum charge current specified in the Product Specification (normally 0.5C-1.0C or lower). Charging with higher current may damage the cell or even lead to safety problem, e.g. overheating or leakage.

1-2 Charging voltage shall not be more than that specified in the Product Specification (4.2V/cell). 4.25V is the maximum charging voltage for each cell. Never charge the battery in series and be sure that each single cell has a separated charging circuit with a max. charging voltage of 4.25V.Or the battery may be overcharged, and lead to fire or explosion. The user is fully responsible to the result of misusing the battery.

1-3 Charging temperature: The cell should be charged within the range of temperatures specified in the Product Specification. Stop charging immediately when the surface temperature of the battery is over 50° C.

1-4 Reverse charging: Please make sure the polarities of cells are connected properly before charging. Reverse charging is strictly prohibited. Reverse charging cannot charge the cells but will deteriorate their charging/discharging and safety characteristics, or even lead to fire or explosion.

2. Discharging

2-1 Discharging current: The cell shall be discharged at the current no more than the maximum discharging current specified in the Product Specification. Over current discharging may damage the battery and cause over-heat.

2-2 Operation temperature: Use the battery within the temperature range specified in the Product Specification. Stop using when temperature is over 70° C.

2-3 Over-discharging: Over-discharging will deteriorate the cell's performance and characteristics. Do not over-discharge a battery below 2.75V/cell.

3. Storage

If you intend to keep the battery for a long time (3 months or longer), it is strongly recommended that the battery shall be stored under the environment with temperature $10-25^{\circ}$ C, low humidity and without corrosive gas. The battery should be charged every six months to ensure that each cell's storage voltage is $3.6 \sim 3.9$ V.

Others

>The aluminum packing foil is very soft that it will be easily left scratches. Please do not hit the cell with any sharp edge parts.

>Don't fall, hit or bend the battery. It may cause fire or explosion.

>Short circuit the battery is strictly prohibited, it may damage the battery seriously.

>Never disassemble the battery. It may cause fire.

>Never dispose of the battery in fire. It is very dangerous and strictly prohibited.

>To place the battery into liquid such as water is strictly prohibited.

- >Always remove battery from car when charging. Charging the battery in a car is forbidden and is dangerous.
- >Avoid vibration, shock or extruding the battery. Handle carefully when moving it.

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