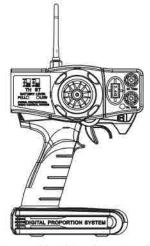
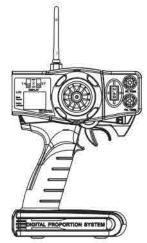
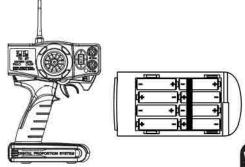
2.4GHz INSTRUCTION MANUAL





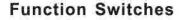


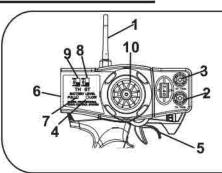
Install the batteries to the transmitter



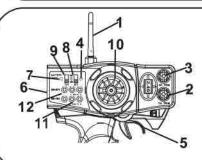
- (1) Remove the battery cover from the transmitter by sliding it in the direction of the arrow in the figure.
- (2) Remove the used batteries.
- (3) Load the new AA size batteries. Pay very close attention to the polarity markings and reinsert accordingly.
- (4) Slide the battery cover back onto the case.

While the power indicator blinks or you hear beep from the buzzer it shows weak power and you need to replace with fresh battery.



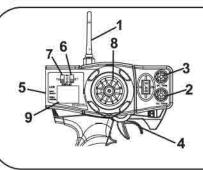


- 1. Antenna
- 2. Throttle Trim
- 3. Steering Trim
- 4. Working Indicator
- 5. Throttle Trigger
- 6. Power Switch
- 7. Working Indicator
- 8. Steering Reverse Switch
- 9. Throttle Reverse Switch
- 10. Steering Wheel

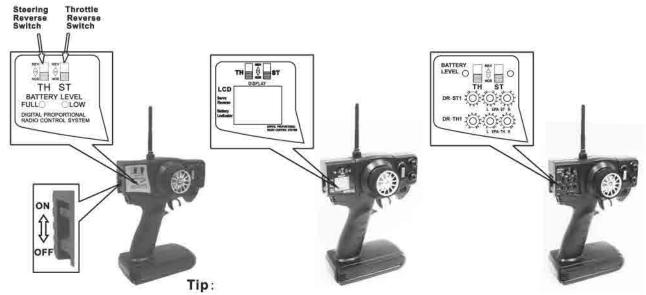


- 1. Antenna
- 3. Steering Trim
- 5. Throttle Trigger
- 7. Working Indicator
- 9. Throttle Reverse Switch
- 11. DR-TH1

- 2. Throttle Trim
- 4. Working Indicator
- 6. Power Switch
- 8. Steering Reverse Switch
- 10. Steering Wheel
- 12. DR-ST1



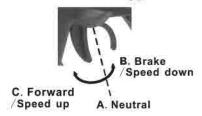
- 1. Antenna
- 2. Throttle Trim
- 3. Steering Trim
- 4. Throttle Trigger
- 5. Power Switch
- 6. Steering Reverse Switch
- 7. Throttle Reverse Switch
- 8. Steering Wheel
- 9. L. C. D display



If you are a reverse operator, set the steering And/or throttle switch to REV. Position first.

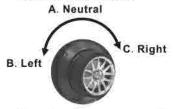
Transmitter Adjustment

A. Throttle Trigger

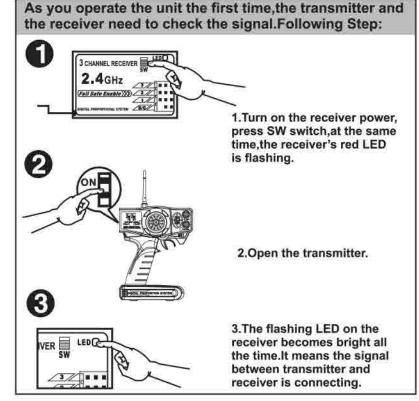


- 1. Push the trigger forwards to allow the vehicle to speed down or brake.
- Pull the trigger backwards to allow the vehicle to go forward and speed up.





Turn the steering wheel to the left or right to let the vehicle turn left or right.





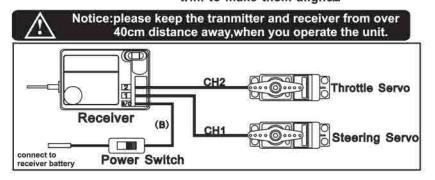
Throttle Trim is used to slightly trim the throttle servo When the trigger is at Neutral position.

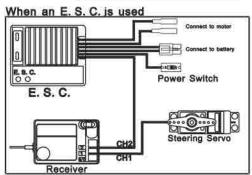
steering Trim is used to slightly trim the front wheels steering.

Note:

If the front wheels are not straight when the trigger is set at Neutral postion, you can adjust the steering trim to make them aligned

The accelerator will be automatically to the center position if receiver loss the singnal. Fail safe is incluede in receiver so don't fit the other fail safe on the car, please note.





RIVERHOBBY

INSTRUCTION MANUAL

1/5 Scale 2WD RC Gas Powered Buggy

Model No. RH501



In order to improve the quality and performance, we may change the content without notice.

Specifications:

Length: 700mm Width: 400mm Height: 350mm Wheelbase: 475mm

Tread(front/rear): 362/400mm

Weight: 8338g Engine: 28. 5/30cc Gear Ratio: 7.57:1

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Features:

Fully assemble ready to run chassis

Powerful 28.5/30cc engine with slide carburretor

pull starter

Equipped with muffler accelerator & air filter

2WD system with shaft drive Diff. With built-in rear bevel gear

Adustable width of double fork susp. System

Oil filled shock absorber

Stiff and sturdy 4.0mm alum chassis and side plate

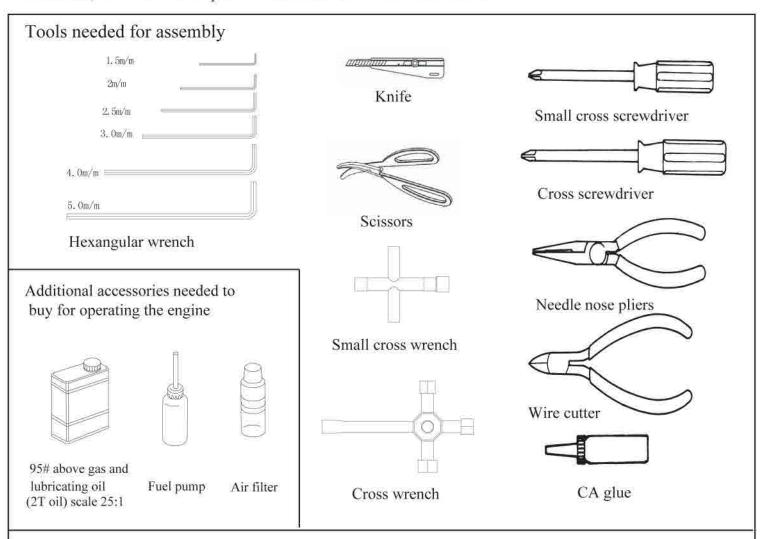
Disc break system 650cc fuel tank

Notice before assembly

In addition to the tools included with the vehicle we noted, you will need to buy the following.

Caution:

Please make sure to properly adjust the engine under idle position before operating your vehicle Otherwise, both the life and performance of the vehicle will be affected.



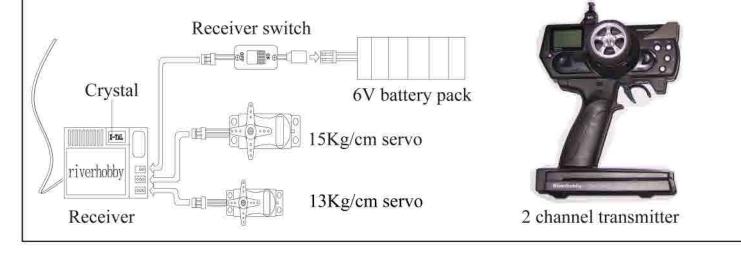
2 channel transmitter system

Please read the instruction of radio system carefully before you use.

Make sure to adjust the servo to the central position before assembly.

To adjust it to neutral position, please open the transmitter and receiver,

Make sure to adjust the servo to the central position before assembly, and adjust the servo horn to the central position, then close the receiver and the transmitter sequently, so the servo is at the netrual position.



Maintaintenance Instruction

Phenomenon	Reason	Solution
Engine hard to start	1.Check oil pipe to avoid jam and break. 2.Connecting part with the main body(metal), the spark of pull start which with carbon or not.	Clean out or replace pipe Clean or replace glow plug
Engine Flame out	1.Fuel tank without fuel 2.Jam of fuel pipe, air filter or muffler 3.No well adjustment carburetion 4. High-temperature of engine 5.Carbon sediment or dilapidation of glow plug	1.Fill oil in fuel tank 2.Clean out or replace jamed parts 3.Readjustment neutral gear, main/trim adjust the screws 4.Cool down engine 5. Clean out or replace glow plug
No good reaction of engine	No well adjustment carburetion Break or jam of engine Carbon sediment or dilapidation of glow plug Circuit malfunction	1.Re-adjustment nuetral gear, main/trim adjust the screws 2.Correct install pipe between muffler and fuel tank 3.Cleanout or replace glow plug 4.Check circuit and get rid of problem
Hard control of car	Power off of radio controller and receiver No good receive effect No good adjustment servo connecting rod	1.Charge or replace battery 2.Pull antenna longest of radio controller 3.adjust the servo to middle switch, then readjust

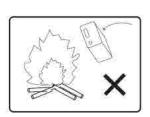
Safty instruction

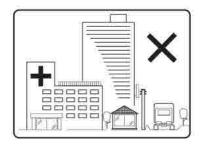
- Play the car after carbody fixed
- Avoid frequently and suddenly change the steering direction
- Run on below situation grass road, slosh, sandy or stony road
- The vehicle possibly can have the situation which very difficult to make a turn, especially when it climb the hill or run unsmooth ground, which do not indicate it has problem. Inspect the screws, the nuts frequently to see whether them become less crowded

Warning: In order to avoid accident and person injury, pls do following issues:

- Use fuel safty
- Only use fuel out-of-doors
- Only use professional fuel:Zink Alkyl(Above 95#)l gasoline and Highly lubricating oil (2T machine oil), proportion: 25:1.
- Do not use oil in doors or at places where have fire sources or heat resources.
- Do not eat oil or in eyes
- Put oil in places where is cool, dry without sunshine, children could not reach, put cap tightly
- Do not throw into fire! Otherwise it explode
- Do finger in running parts

- Do not touch engine or muffler after u play prevent scald
- Do not play cars under below situation: (no observe possibly lead accident)
 - Road or railway
 - Children or people play places
 - · Park, living places, hospital or airport
 - In door or limited places
- Check the power of bettery for receiver or radio controller, if the power is weak, the car possibly lose control
- Avoid play cars with same frequency with others
 The car appear abnormal, pls stop use immediately to check, otherwise, it will lead to an accident.



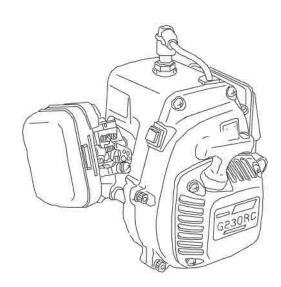


Start the engine

Please read the following instructions carefully before starting the engine.

1. The process of cleaning before driving your car

- For cleaning the engine,1-2 tank oil's use is a standard and then run your car slowly to run out of another 1-2 tank oil. ALL ways down, the cleaning work is over. The car can run normally.
- NOTES:Due to the affect of external enviornment, you should clean the air filter after running your car more than 1-2 hours. Otherwise, it may affect performance or shorten your car's life.

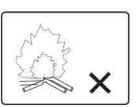


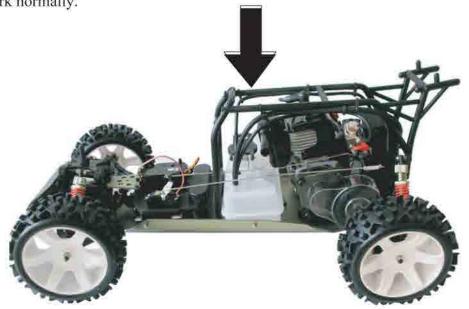
2.Fill the fuel

- Fill the special model's fuel, and mix the gas (The znalkyl level is more than 95#)and the lubricatyng oil. The rate of the gas to the lubricating oil is 25:1
- Close the fuel tank's cover and fasten it after the fuel filling.

NOTICE:

- Never make alcohol or other inflamer as the fuel. otherwise, the rubber part of carburetor and the engine will damage.
- Gas is easily inflamed. NO SMOKE!
- To avoid abnormal situation that possibly happens, make sure the fuel filter, the fuel pipe, and other parts work normally.





Starting the engine

- Push the front valve several times until securely streaming out oil.(Fig.1)
- Shut down the wind gate(Fig.2), and turn the accelerograph to the position that spaces 1/4-1/3 place of opening.
- Pull the pulling-start rod until engine send out sound of start to start engine.(Fig.3)
- Adjust the wind gate(Fig.2) to the place which spaces 1/4 poistion of opening position.
- Pull the pulling-starter rod quickly.
- Start engine several minutes to pre-warm.

NOTICE:

- It is necessary that the engine may be choke and, airtight during over-heated situation.
- Because of over-choke, it is hard to start engine, and may cause the plug starter's wetness.
- When replacing or drying plug starter, please pull the pulling starter rod to run out of surplus oil of the cylinder.

Detailed operations:

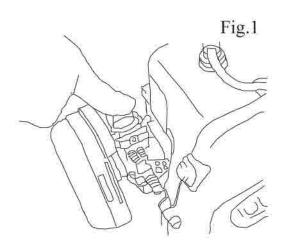
- The engine has been adjusted to high power and speed. You need correct maintenance to keep this better performance.
- Due to users' diverse operations, we will illustrate details in the instruction manual of car manufacturers.
- You should let the engine cool down more than 30 seconds for in low speed racing after valve's fully running.

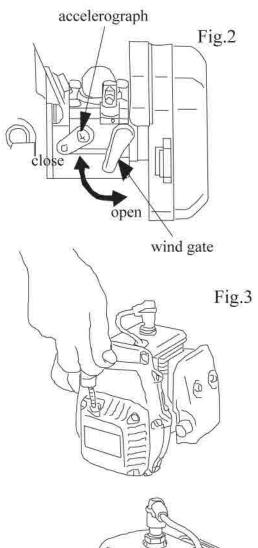
Stop the engine

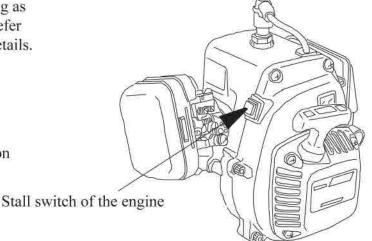
 The engine will immediately stop running as long as you press the stall switch of the engine. Please refer to the instruction manual (28.5/30cc) for more details.

Keep maintenance

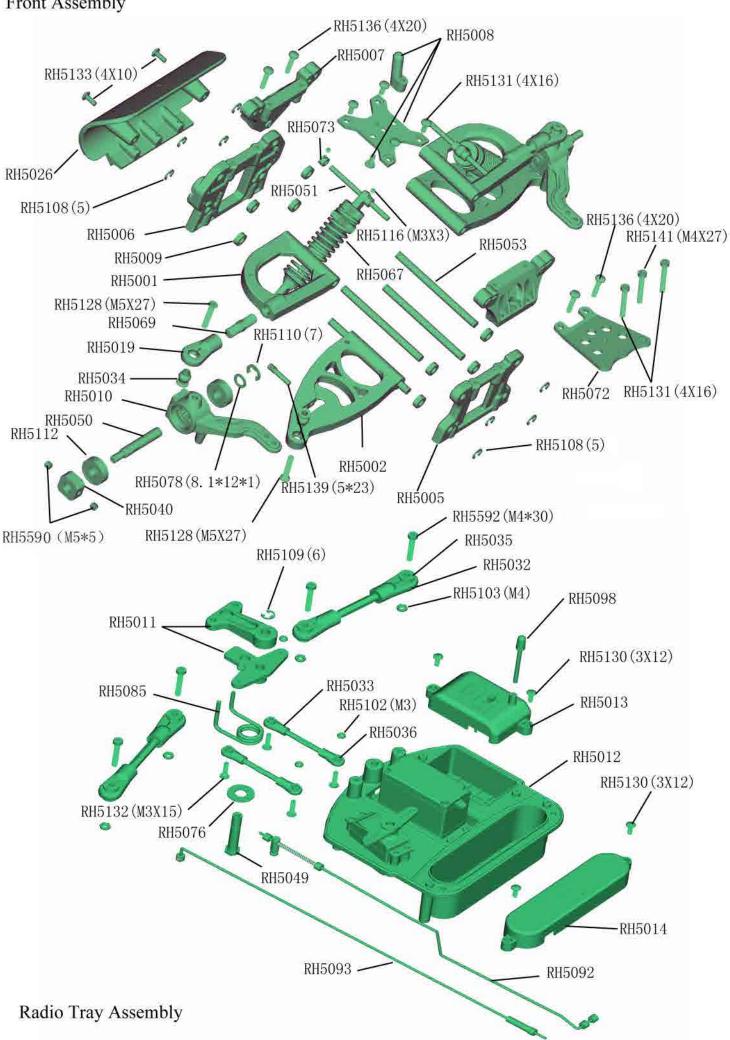
• Keep the engine clean, and refer to the instruction manual (28.5/30cc) for more details.

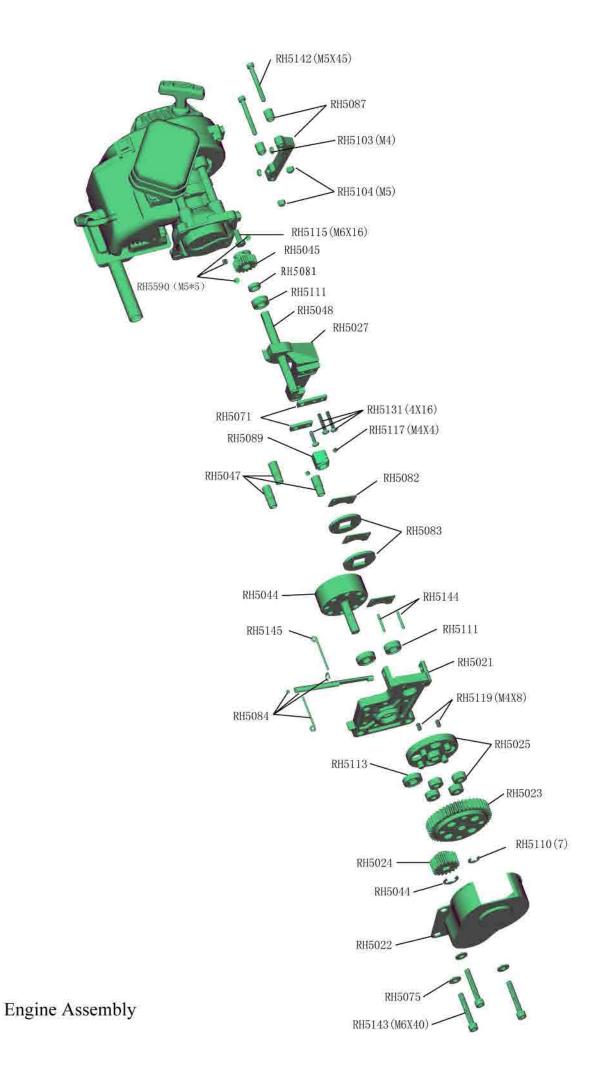


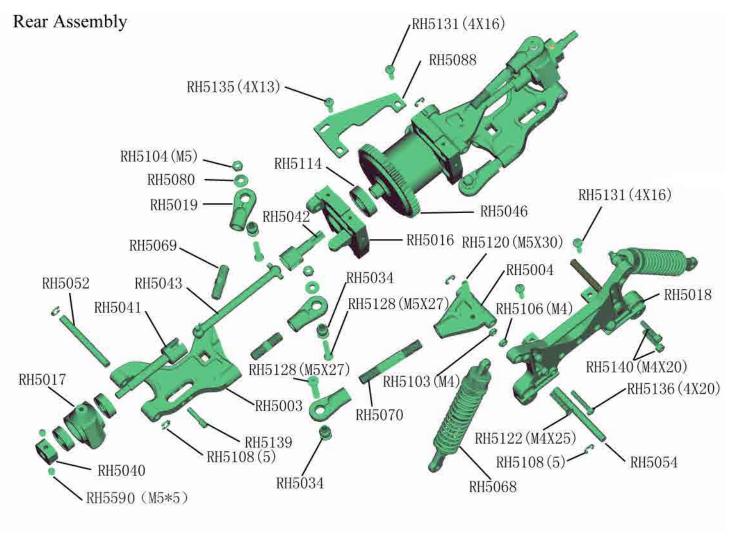


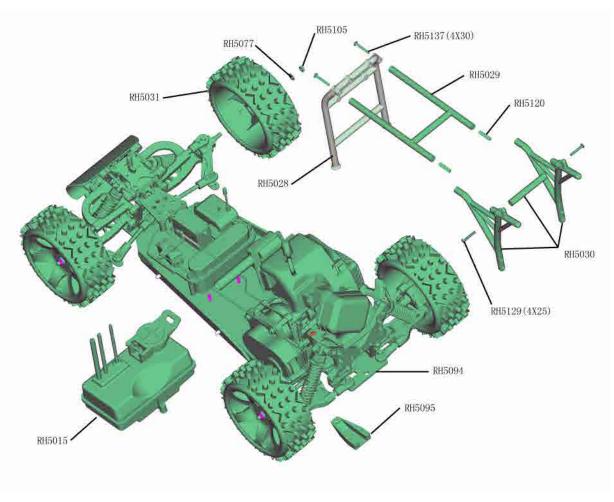


Front Assembly

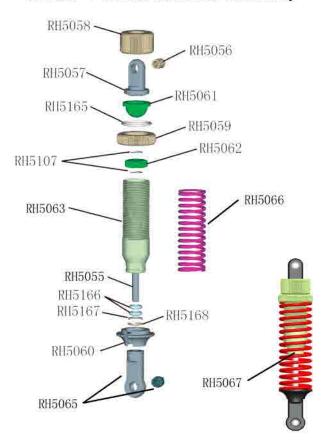




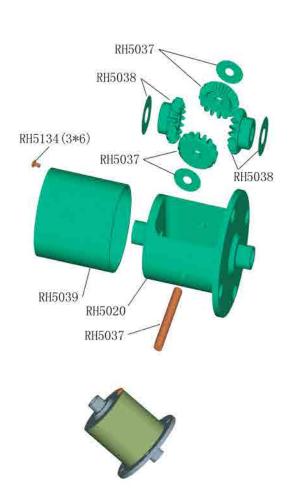




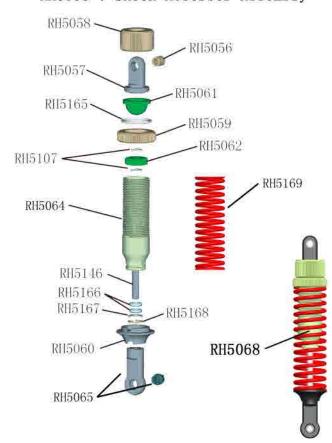
RH5067: Shock Absorber Assembly



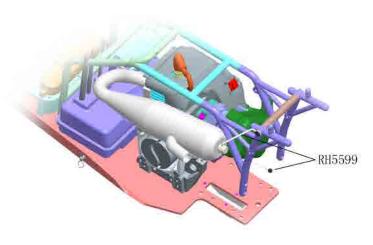
Diff Gear Box Assembly

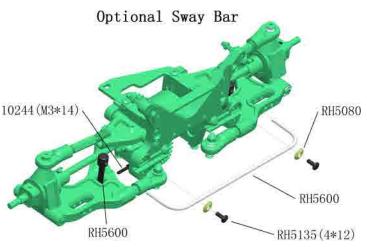


RH5068: Shock Absorber Assembly



Alum Tuned Pipe Parts





RH501 OFF ROAD PARTS LIST(1)

RH5001-Front upper	RH5002-Front lower	RH5003 -Rear lower	RH5004-Rear upper	RH5005-Front lower back
susp arm 2P	susp arm 2P	susp arm 2P	susp arm 2P	supporting plate 1p
	Ora			
RH5006-Front lower supporting plate 1P	RH5007-Front upper supporting plate 1P	RH5008-Front body shell bracket 1set	RH5009-Bearing bush 8P	RH5010-Steering arm
			0000	
RH5011-Steering units Is et	RH5012-Servo bearer 1P	RH5013-Receiver case 1set	RH5014-Battery case cover 1P	RH5015-Fuel tank completes 1set
RH5016-Gear holder units I se t	RH5017-Rear axle sleeve units 1set	RH5018-Rear supporting plate 1P	RH5019-Susp arm fixed holder 8P	RH5020-Diff gear box 1P
FO			8888 888	910
RH5021-Gear fixing plate	RH5022-Gear cover 1P	RH5023-Gear 48T 1P	RH5024-Gear 19T 1P	RH5025-Gear dead plate
COC		(Same	Separate Sep	lset
RH5026-Front damper 1P	RH5027-Engine bracket left 1P	RH5028-Shed A 1P	RH5029-Rear shed connecting rod 1p	RH5030-Rear body across supporting right 1set
Carl.	3	A	4	
RH5031-Tire units 2set	RH5032-Steering connecting rod 2set	RH5033-Connect rod for ser vo 2set	RH5034-Ball end for susp arm 4P	RH5035 -Steering ball end 4P
0 0			9 9 9 9	2 Q 2 Q
RH5036-Ball end for servo 4P	RH5037-Driven diff, gear/w shaft 1set	RH5038-Drive diff gear 1set	RH5039-Outer diff. case cover 1P	RH5040-Wheel rim coupler short 2P
9999	00:	0000		

RH501 OFF ROAD PARTS LIST(2)

RH5041-Rear wheel shaft 2P	RH5042-Diff speed shaft of rear wheel 2P	RH5043-Rear transverse drive shaft 2set	RH5044-Flywheel 1set	RH5045-Gear 16T 1P	
	Ju Ju				
RH5046-Gear 48T 1P	RH5047-Spacer sleeve	RH5048-Gear shaft 1P	RH5049-Steering fixed rod 1P	RH5050-Front wheel shaft 2P	
The second second					
RH5051-Damper fixing shaft 2P	RH5052-Rear rim fixing shaft 2P	RH5053-Front upper and lower susp arm shaft 4P	RH5054-Rear upper and lower susp arm shaft 2P	RH5055-Axle for shock absorber 2P	
				///	
RH5056-Shock absorber spacer sleeve 4P	RH5057-Upper bearer of shock absorber 4P	RH5058-Upper cover of shock absorber 4P	RH5059-Adjusting ring for shock absorber 4P	RH5060-Fixing spring of shock absorber 4P	
		9 9	0 0	66	
	22	9 9	00	8 8	
RH5061-Sealing cap of shock absorber 4P	RH5062-Piston of shock absorber 4P	RH5063-Shock absorber cyl i nder 2P	RH5064-Shock absorber cyl i nder 2P	RH5065-Lower bearer for shock absorber 4set	
8 8				J. J. J. J.	
RH5066-Shock absorber spring 2P	RH5067-Shock absorber units 2set	RH5068-Shock absorber units 2set	RH5069-Connecting rod front upper susp arm 2P	RH5070-Connecting rod rear rpper susp arm 2P	
		Salar Sa			
RH5071 -Fixing plate lset	RH5072-Front locating plate IP	RH5073-Set collar 4.14P	RH5074-Set collar 2.1 4P	RH5075-Gear case washer 3P	
33			6 6		
RH5076-Steering rod washer 8.5*19.6*1.2 2P	RH5077-Steering rod Washer 6. 2*12*1. 5 4P	RH5078-Steering rod Washer 8. 1*12*1 4P	RH5079-Engine fixed slice 4P	RH5080-Washer 4P	
		000	9 9	00	

RH501 OFF ROAD PARTS LIST(3)

2			50 34U		
RH5081-Gear bush 1P	RH5082-Brake disc clamp slice 3P	RH5083-Brake disc 2P	RH5084-Brake crank 1set	RH5085-Spring of servo saver 1P	
RH5087-Engine bracket 1set	RH5088-Rear locating plate 1P	RH5089-Fixed brake bl ock 1P	RH5090-fixed screw of car body 4P	RH5091-oil pipe mounting cover 2et	
RH5092-Throttle linkage completes 1set	RH5093-Brake linkage completes 1set	RH5094-Chassis 1P	RH5095-Gear cover 1p	RH5096-battery 6V 1P	
RH5097-Big body pins	RH5098-antenna pipe	RH5099-oil pipe sets	RH5100-instruction manual MODERHSOF BY	RH5102-nylon lock nut M 6P	
RH5103-nylon lock nut M4 6P	RH5104-nylon lock nut Ms 6P	RH5105-nylon lock nut M6 6 P	RH5106-Nut cap M4 6P	RH5107-E-ring 3 6P	
RH5108-E-ring 5 6P	RH5109-E-ring 6 6 P	RH5110-E-ring 7 6P	RH5111-ball bearing 10*19*7 2P	RH5112-Ball bearing 8*22*7 2P	
RH5113-Ball bearing 10*22*6 2P	RH5114-Ball bearing 12*28*8 2P	RH5115-outer hex screw M6*16 2P	RH5116-Inner hex grub screw M*3 6P	RH5117-Inner hex grub screw M*4 6P	
RH5590-Inner hex grub screw M*5 6P	RH5119-Inner hex grub screw M4*8 2P	RH5120-Inner hex grub screw M5*30 2P	RH5121-flat head cross screw M*16 6p	RH5122-flat head cross screw M4*25 6P	

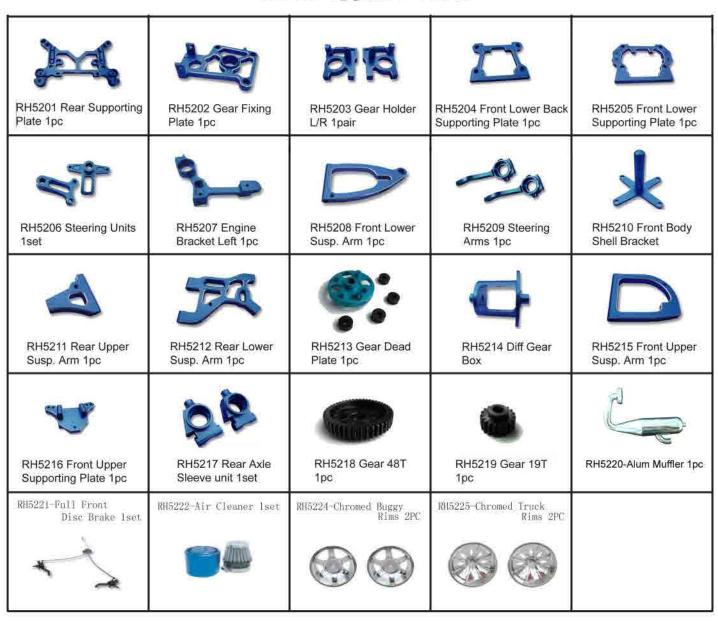
RH501 OFF ROAD PARTS LIST(4)

	·		AN 1867	
RH5123 -flat head cross tapping screw 4*16 6P	RH5124-flat head cross tapping screw 4*18 6P	RH5125-flat head cross tapping screw M3*10 6P	RH5126-Flat inner hex screw M*10 6P	RH5127-flat head cross screw M4*8 6P
			999	
RH5128-Flat inner hex screw M5*27 6P	RH5129-Round head cross tapping screw 4*25 6P	RH5130-Round head cross tapping screw 3*12 6P	RH5131-Round head cross tapping screw 4*16 6P	RH5132-Round cross screw M3*15 6P
999	fff			
9 9 9				III
RH5133-Round head tapping screw 4*10 6P	RH5134-Umbrella head tapping screw 3*6 6P	RH5135-Round head tapping screw 4*13 6P	RH5136-Round cross screw 4*20 6P	RH5137-Round cross screw 4X30 6P
777	TTT		111	111
	TTT			
RH5138-Flange head screw M2.6*15 6P	RH5139-Shock absorber fixing screw 6P	RH5140-Round column inne hex screw M4*20 6P	RH5141-Round column hex screw M4*27 6P	RH5142-Round column inne hex screw M5*45 6P
111		TTT	TTT	
		777		
RH5143-Round column inne hex screw M6*40 6P	RH5144-fixed pin of brake slice unit 2P	RH5145-located pin of throttle piling lever 1P	RH5146-Axle for shock absorber 2P	RH5160-Spark Plug 1pcs
RH5161-Clutch Assy 1set	RH5165-Shock absorber card central 0-ring 4pCS	RH5166-Shock absorber on the 0-ring 4PCS	RH5167-Coper set of shock absorber 4pCS	RH5168-Shock absorber card ring 4PCS
	0 0	00	00	00
	0 0	000		00
RH5169-Rear Shock Spring 2pc	RH5599-Tuned Pipe Holder 1set	RH5600-Optional Rear Sway Bar 1set	R0009-Fail safe 1P	H0003 -Throttle Servo 13 kg/cm 1pcs
		10	-3	
H0004 -Steering Servo 20kg/cm 1pc	H0013-AM Transmitter 1po H0007-AM RX 1pc	H0014-2.4GHz Transmitter	P0004-Cy23cc Engine 1P	P0009-HSP30cc Engine 1P
	2 -			

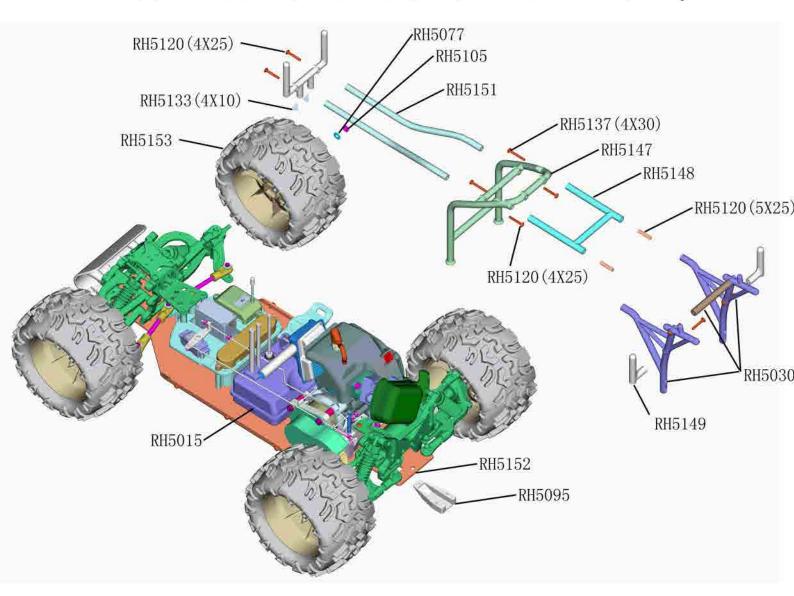
RH501 OFF ROAD PARTS LIST(4)

R0001-Body shell 1P	R0002-Body shell 1P	R0007-Body shell 1P	R0009-Body shell 1P	
	Black	Blue	Red	

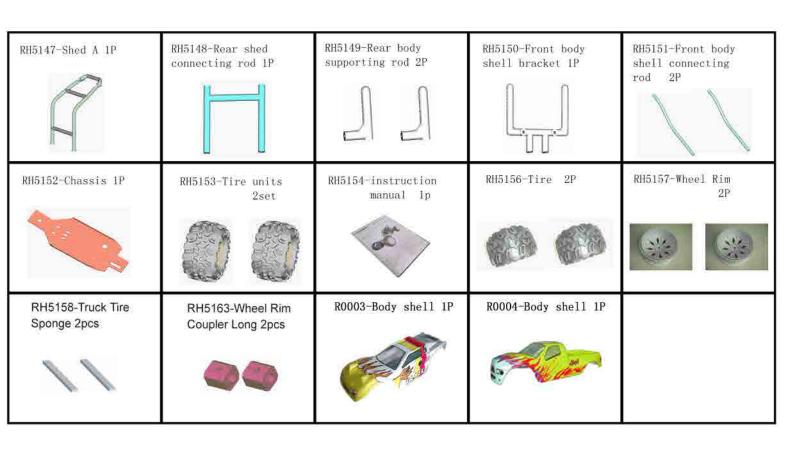
RH501 Upgrade Parts



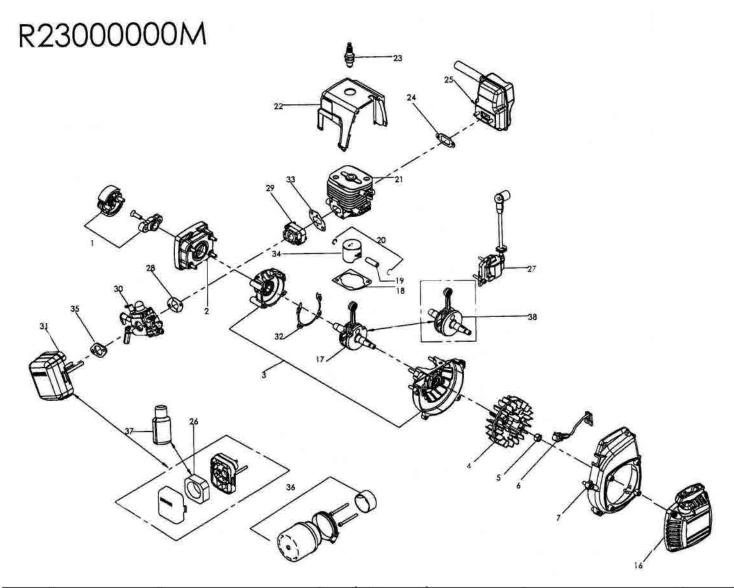
RH502 Truck Chassis & Roll Bar Assembly



RH502 Truck Additional Parts List



CYengine exploded



ITEM	PART CODE	PART NAME	Q' TY	ITEM	PART CODE	PART NAME	Q' TY
01	R23002301A	CLUTCH ASSY.	Ti I	02	R230023070	CLUTCH CASE	Ĭ,
03	R230001000	CRANK CASE	1	04	R230019020	FLYWHEEL	1
05	P212080014	NUT	1	06	R230028010	KILL SWITCH	1
07	R230019010	FAN COVER	ı	16	R230013000	STARTER-A	1
17	R230002000	CRANKSHAFT	Î	18	R230006000	GASKET(CYLINDER)	1
19	R225005010	PISTON PIN	1	20	R225005020	SNAP RING	2
21	R230004010	CYLINDER	1	22	R23000200B	CYLINDER COVER	1
23	P43CMR7H00	SPARK PLUG	Ī	24	R230012080	GASKET(MUFFLER)	Ĭ
25	R230012004	MUFFLER	1	26	R230022030	ELEMENT	1
27	R23002100A	IGNITION COIL	1	28	R230011120	GASKET(CARBURETOR	t
29	R230011130	INSULATOR	1	30	R23001101A	CARBURETOR	1
31	R230022040	AIR CLEANER	I	32	R225001030	GASKET	1
33	R230011140	GASKET INTAKE	ı	34	R230004020	PISTON	1.
35	R230011160	CHUNK(CARBURETOR)	Ī				
			OPTION	PARTS			
36	R23002201B	AIR FILTER	1	37	R230022070	AIR FILTER OIL	Î
38	R23000201A	HIGH-PRESSURE CRANKSHAFT	1				

RIVERHOBBY

INSTRUCTION MANUAL

1/5 Scale 2 WD RC Gas Powered Turck

Model No. RH502



In order to improve the quality and performance, we may change the content without notice.

Specifications:

Length: 700mm Width: 490mm Height: 340mm Wheelbase: 475mm

Tread(front/rear): 362/400mm

Weight: 10338g Engine: 28. 5/30cc Gear Ratio: 7.57:1



Features:

Fully assemble ready to run chassis

Powerful 28.5cc engine with slide carburretor

pull Stater (CY23cc/27cc/CN30cc for option)
Equipped with muffler accelerator & air filter

2WD system with shaft drive Diff. With built-in rear bevel gear

Adustable width of double fork susp. System

Oil filled shock absorber

Stiff and sturdy 4.0mm alum chassis and side plate

Disc break system 650cc fuel tank