1/10th 4WD Electric Power R/C On-Road Car/Drift Car

Specifications:

LENGTH	WIDTH	HEIGHT	WHEEL BASE	DRIVE SYSTEM	GROUND CLEARANCE	DIAMETER OF WHEEL	WIDTH OF WHEEL	GEAR RATIO
360mm	200mm	112mm	260mm	4WD Shaft Drive	4.5mm	65mm	26mm	1:6.45
14.2inch	7.9inch	4.4inch	10.2inch	4WD Shaft Drive	0.18inch	2.6inch	1.02inch	1:6.45

Spare Part

02002-Shock Absorber 2P	02003-Front Dogbones Hole Track:55mm Total Length:61mm 2P	04004-Battery Corner Holder 2P	02005-Rear Bumper
02007-Rear Lower Suspension Arm 2P	02008-Front Lower Suspension Arm 2P	02009-Front Bumper Upper Cover	02010-Body Post 4P Front:Long 2P, Rear:Short 2P
02012-Front/Rear Link 2P	02013-Rear Upright+Set Screw4*4mm 2P	02014-Steering Hub (L/R) 2P	02015-Front Hub Carrier (L/R) 2P
02016-Universal Joint Cup B+Set Screw4*4mm 2P	02017-Suspension Arm Reinforcement Brace 2P	02021-Rear Arm Holder	02022-Front Arm Holder
02025E-Steering Set A	02029-Crown Gear	02030-Drive Pinion Complete	02032-Universal Joint Cup C 2P

Spare Part

02033-Wheel Axle 2P	02035-Front Shock Tower	02036-Front Suspension Arm PinA 2P	02037-E-Clip 12P (Φ7Φ4Φ2.5Φ2.3)
02038-Ball Head Screw 6P	02039-Differential Box+ Seals+Washers 2P	02042-Rear Shock Tower	02051-Gear Box
02052-Front Bumper Foam	02053-Body Clip 8P	02055-Nylon Locknut M4 8P	02057-Antenna Pipe 4P
02061-Rear Lower Arm Round Pin B 3*23 2P	02062-Front Lower Arm Round Pin B 3*24.5 2P	02063-Rear Suspension Arm Pin A 3*54 2P	02064-Rear Body Post Plate
02066-Diff.Pinions/Pin	28476-Receiver (AM) (Waterproof)	02372-Servo Arm 2P	Sp6003-Servo(6Kg) (Waterproof)
02074-Steering Ackerman Joint	02075-Steering Set B	02077-Front Bumper Plate	02078-O-Ring 12P

Spare Part

02079-Oil Bearing Ø15*Ø10*4 6P	02080-Oil Bearing Ø 5*Ø10*4 8P	86073-Cap Head Self-Tapping Screw 3*8 6P	86074-Cap Head Self-Tapping Screw 3*10 10P	
08024- Discal Screw M3*11 8P	02096-Cap Head Machine Screw 3*10 4P	02085-Round Head Self-Tapping Screw 2*8 8P	02086-Round Head Self-Tapping Screw2*10 10P	
02087- Countersunk Cross Head Self-Tapping Screw 3*10 15P	02088- Countersunk Cross Head Self-Tapping Screw 3*14 13P	02089- Countersunk Cross Head Self-Tapping Screw 3*15 9P	02092-ISO 3*10 Screw 8P	
02093-Column Head Hex.Screw M3*10 10P	02095-M3*8 Column Head Hex.Screw 4P	02098- Grub Screw M3*4 8P	02099- Grub Screw M4*4 10P	
02100- Wheel Hex. 8P	02101- Steering Bushing 12P	02102- M3 Nylon Lock Nut 6P	02103- Zip Tie 6P	
02137-Star Style Spoke Wheel Rim 2P	02116-Tyre+Insert Sponge 2P	02185-Wheel Complete (02116+02137) 2P	03001-Chassis	
NEW NO.:02228		NEW NO.:02185	NEW NO.:03602	

Spare Part

03002-Radio Tray	03003-Center Dogbone 157mm	02139-Ball Bearing Ø10*Ø5*4 8P	02138-Ball Bearing Ø15*Ø10*4 6P	08027-Pin 2*10 10P
02169-Ball Head A 8P	02012-Servo Link 2P	03007-Motor Mount	03008-Switch Cover	03009-Battery Cover Post
NEW NO.:10390	NEW NO.:10391			
03006-Antenna Mount	03010-Battery Cover	03401-Gear Shelter New	03011-Motor RC (540)	03061-Electronic Speed Controller (Waterproof)
	NEW NO.:03610			
03013-Radio Tray Mount	03014-Battery (7.2V 1800mAh)	03015-Drive Gear Shaft+E-Clips	2530-Power Commutator	28475-Receiver 2.4G (Waterproof)
02180-Flat Head Self-Tapping Screw 3*16 8P	85020-Cap Head Mechnine Screws 3*12 4P	81220-5 3*14 Countersunk Machnicescrew	03080-Complete Set Of Screw (10 Piece For Each Kind Of Screw)	

Pro.On-Road Car/Pro.Drift Car-Spare Parts

02114-Aluminum Shock Absorber 2P	03002-Brushless Motor KV:3300	37017-Brushless ESC Output:45A	02228PL(Gold) 02228PB(Blub) Chrome Plated Spoke Rim With Sprayed 2P	02191B-Aluminum Nut M3 8P
NEW NO.:102004	NEW NO.:03302			NEW NO.:102048
02190B-Aluminum Nut M4 4P	30324-Battery Ni-MH 8.4V 3000mAh)			
NEW NO.:102049				

TOP Version On -Road Car-Spare Parts

03404-Brushless Motor KV:2724	37017-Brushless ESC Output:45A	28422-LiPO Battery 11.1V 3200mAh 25CC	02137-Yellow Wheel 02137-Green Wheel	02137-White Wheel 02137-Black Wheel

Drift Car/Pro.Drift Car-Spare Parts

02228PL(Gold) 02228PB(Blub) Chrome Plated Spoke Rim With Sprayed 2P	07001-Tyre 2P	07003-Drift Wheels Complete 2P Blue/Gold/Green/ Purple Spoke Rim Available		

Optionals

02106-Universal Drive Joint 2P	02114-Aluminum Shock Absorber 2P	02134-Aluminum Wheel Hex. Mount 4P	02144-Aluminum Body Post+Cap Head Machine Screw 4P	02132-Aluminum Front Hub Carrier (L/R) 2P+Cap Head Machine Screw
NEW NO.:102015	NEW NO.:102004	NEW NO.:102042	NEW NO.:102037	NEW NO.:102010
02131-(AL.)Steering Hub(L/R) 2P+Cap / Round Head/Discal Machine Screw	02130-Aluminum Rear Hub Carrier (L/R) 2P+ Grub Hew.Screw+Cap Head Machine Screw	02157-Aluminum Front/Rear&Servo Link 2P+Cap Head Machine Screw+Nut	02159-Aluminum Rear Shock Tower +Countersunk Head Machine Screw	02161-(AL.)Front Lower Arm 2P+Cap Head Machine Screw +Grub Hew.Screw
NEW NO.:102011	NEW NO.:102012	NEW NO.:102017	NEW NO.:102023	NEW NO.:102019

Optionals

02160-(AL.)Rear Lower Arm 2P+Cap Head Machine Screw +Grub Hew.Screw	02158-Aluminum Front Shock Tower +Countersunk Head Machine Screw	02191B-Aluminum Nut M3 8P	02190B-Aluminum Nut M4 4P	102040-Aluminum Ackerman Plate
NEW NO.:102021	NEW NO.:102022	NEW NO.:102048	NEW NO.:102049	
103071-Lightweight Motor Mount ★	102060-AL. Front Gear Box Mount+ Flat/Cap Head Machine screw	102061-AL. Rear Gear Box Mount+ Flat/Cap Head Machine screw	102058-Aluminum Front Bumper Upper Plate+Countersunk Head Machine Screw	103001T-Carbon Fibre Chassis ★
103002T-Carbon Fibre Radio Tray ★	103027-Aluminum Front /Rear Suspension Brace ★	103022T-Carbon Fibre Front Shock Tower ★	103023T-Carbon Fibre Rear Shock Tower ★	

Gear Specifications:

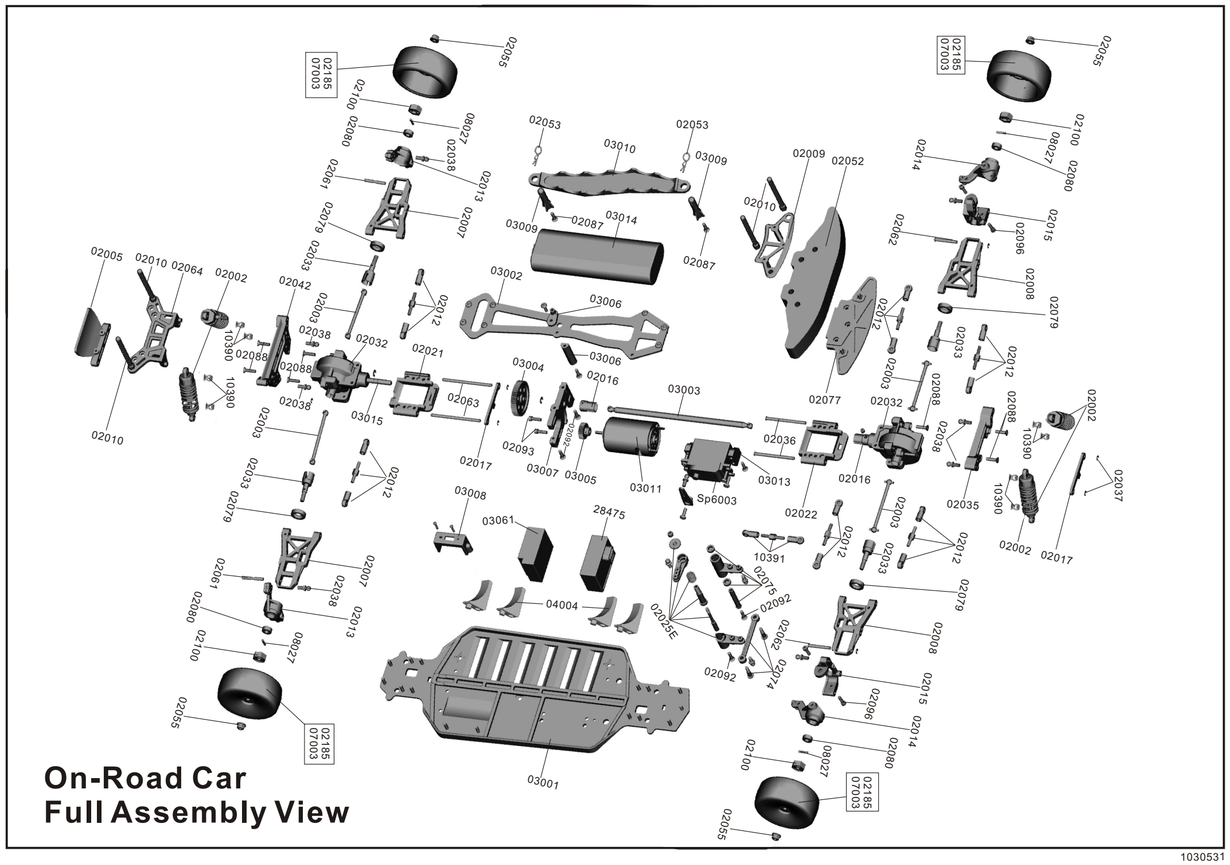
ITEM NO.	MODEL NAME	Metal gear(Normal version) Diff.Main Gear	Metal gear(Normal version) Motor Gear	Metal gear(PRO/TOP version) Diff.Main Gear	Metal gear(PRO/TOP version) Motor Gear
51C801/ 51C806	on-road car/ drift	#11184-64T	#11189-29T	#11184-64T	#11189-29T
51C802/ 51C809	off-road buggy/ short course	#11184-64T	#11193-23T	#11184-64T	#11176-26T
51C803	off-road truck	#11184-64T	#11187-17T	#11184-64T	#11181-21T
51C805	off-road truggy	#11184-64T	#11181-21T	#11184-64T	#11193-23T

Warning:

1.Brush Version:The electronic speed controller(ESC) on this model is designed to operate with 7.2V1800mAh-3600mAh Ni-MH battery only. Operating beyond the ESC's recommended specification(using the incorrect type of battery or higher capacity battery) might damage the ESC.

2.Brushless Version:The electronic speed controller(ESC) on this model is designed to operate with 7.2V Ni-MH battery, 8.4V Ni-MH battery or 7.4V lithium polymer battery only. Operating beyond the ESC's recommended specification(using the incorrect type of battery or higher Voltage battery) might damage the ESC.

The images with ★ are still undeveloped and will come in near future.



1030531

1/10 Charging Instructions

1. Charge the NIMH battery for 8-10 hours on the first charge. Do not leave the battery unattended while charging. Please also make sure the NIMH battery is charged on a non-flammable surface.

2. After the first charge, leave the NIMH battery to charge until the lights turns green. This generally takes 2-4 hours.

3. Do not overcharge the battery. Please do not leave the NIMH battery on to charge for more than 10 hours.

Charger Lights

Model: GPE125-090100-1

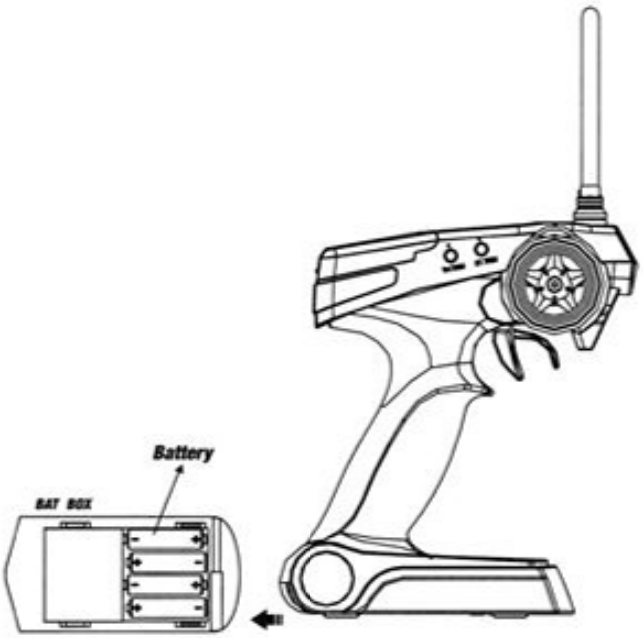
Idle Light - No lights
Charging light - Flashing Red light
Complete charge - Solid Green light

Model: Power Supply 8.6V 700mA

Idle Light - Solid Green light
Charging light - Solid Red light
Complete charge - Solid Green light

More for information, please check out our tutorial website:
http://www.nitrorcx.com/rccartutorials.html

INSTRUCTION MANUAL

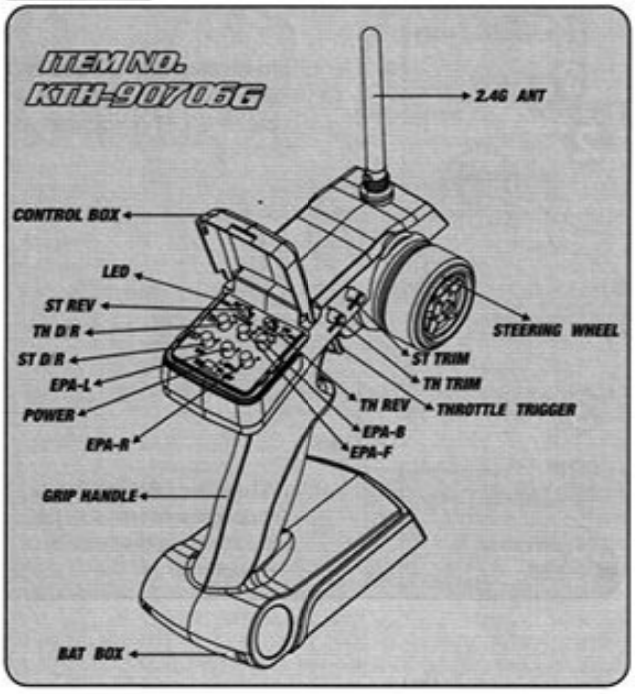


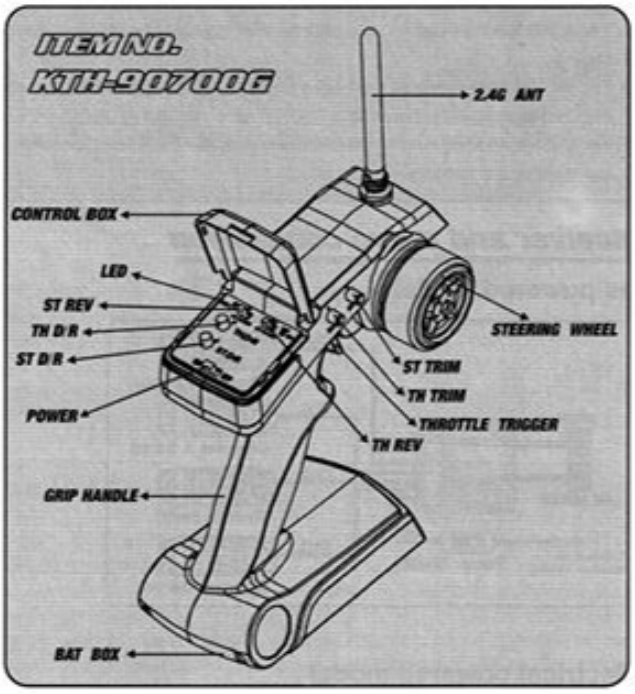
Install the batteries

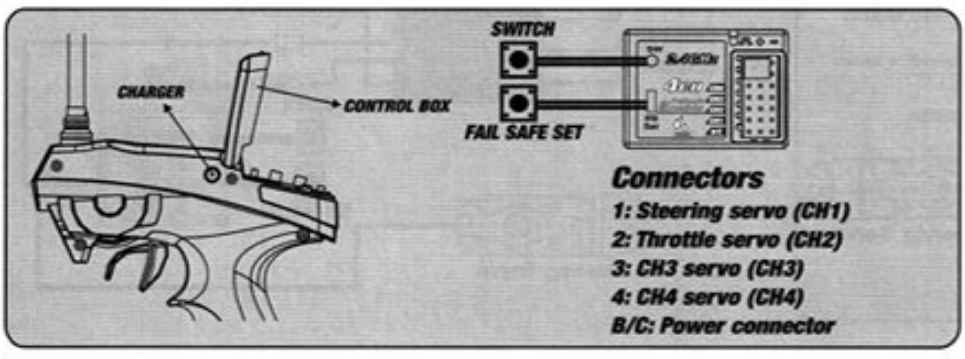
(1) Remove the battery compartment cover.
(2) Replace the used batteries with new AA size batteries.

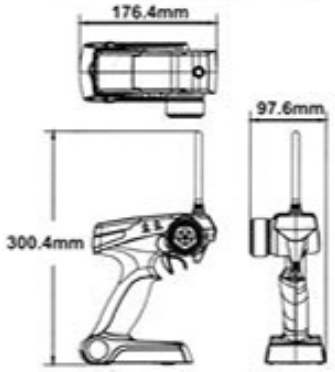
Please replace batteries when the power indicator blinks or the buzzer beeps.

Function



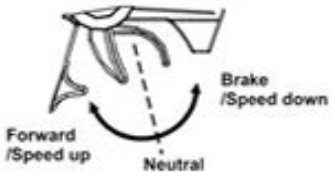


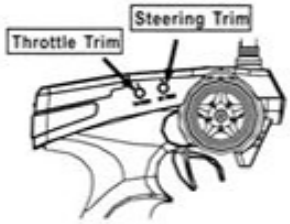




Transmitter Adjustment

A. Throttle Trigger





⚠ Keep the transmitter and receiver 40cm apart when operating.

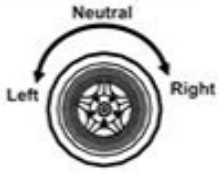
Use the REV switches to reverse the steering or throttle operating direction.

1. Push the trigger forward to slow down or brake.
2. Pull the trigger backward to accelerate.

Throttle Trim: Trim the throttle servo slightly when the trigger is at the neutral position.

Steering Trim: If the front wheels do not align straight, use the steering trim to adjust.

B. Steering Wheel



Low battery alarm

Do not operate the radio system when the battery power is low. the battery power is low.

Fail Safe Function Setting

1. Set the TH, ST switches to the normal position.
2. Turn on the transmitter and receiver.
3. Press the F/S SET button, the LED on the receiver should start flashing rapidly.
4. Put the throttle trigger at the brake position, press the F/S SET button, the LED should become solid.
5. For electric model, put the throttle trigger at the stop position when you are making the setting.

Binding the transmitter and receiver

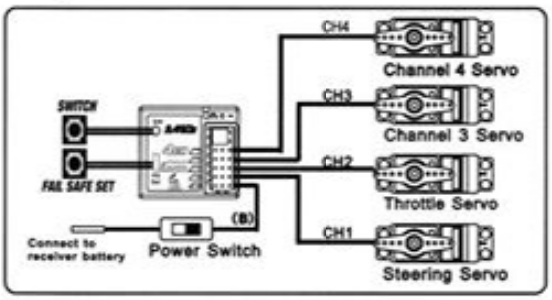
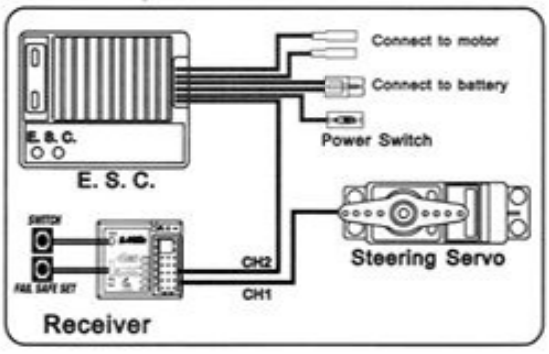
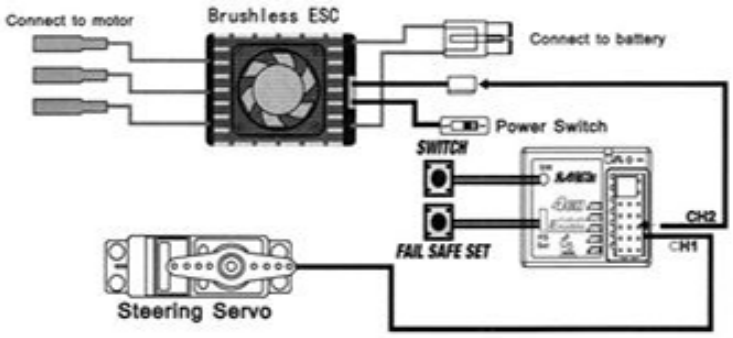
1. turn on the receiver power. Press the SW switch. The receiver's LED should start flashing.

2. Turn on the transmitter.

3. When the LED on the receiver becomes solid, the binding process is completed.

Receiver and servo connection

Gas powered model



Electrical powered model