



USER MANUAL OFF-ROAD CRAWLER NO.EX86130



ROCK CRAWLER



WARNING:
This product is only for 14 years
old or above

Notes:

- ⇒ Read and understand the instructions carefully before operating or assembling your racing model.
- ⇒ Specifications are subject to change without prior notice, and actual received model may vary from the images and/or descriptions in this manual.

The product has conducted IQC (Input Quality Control) and full inspection before delivery. The manufacturer is responsible for quality assurance. Remote Control model is assembled manually, and then there may have some defects in the production process. Once the product is modified or incorrect operation, it cannot apply for replacement and return services, for the parts and accessories may be damaged. Please contact the retail seller for after-sales service when needed.

The product conforms to technical requirements of export safety regulations.



Please read and follow all the instructions in the manual before use.

MADE IN CHINA

Factory Address: Huang Jiang Town, Dong Guan City, Guang Dong Province, China

Production Date: refer to packing instruction



Introduction

We would like to welcome you to the world of remote control cars. What are RC cars? The simple answer is that they are radio controlled cars that respond precisely to your command. The more complete answer is that they can be a great addition to your lifestyle. RC car building and racing teach valuable mechanical and electrical skills, promote teamwork and encourage racers to test their skills with other racers from around the world. Whether you are just having fun racing your car in your backyard or racing at the world competition contest, radio controlled car racing is a great hobby.

We has been making RC products aimed at making our hobby fun and exciting with an affordable price. We are confident that your experience with our products will be positive. Of all the radio controlled models out there, no question about it, RC cars are the hardest to operate. This user manual covers a wide range of topics from nitro powered remote control cars to electrical powered remote control cars. We highly recommend that you read this user manual throughly and carefully before assembling and operating. Please follow all precautions and recommendations located within the manual. Be sure to retain the manual for future reference, routine maintenance, and tuning.

This product is not a toy. It is not recommended for children under 14 years old and any minor should be accompanied by an adult when operating. This product is a precision machine that requires proper assembly and setup to avoid accidents. Failure to take caution when operating this product may result in serious injury or property damage. It is the owner’s responsibility to operate this product in a safe manner. Manufacturer and its distributors are not responsible in any way for any and all bodily injury(s) and/or property damage that may occur from the use of or caused by in any way or this product.






Warnings

- The product is not intended for those under 14 years of age without proper adult supervision. The product is not a toy. It is a precision machine requiring proper assembly and setup to avoid accidents and it is the responsibility of the owner to operate this product in a safe manner as it can cause serious personal injury and damage to property due to carelessness or misuse.
- Do not attempt to disassemble or modify any of the product components without the assistance of an experienced RC user.
- Only use the correct type of battery to operate. Using any wrong type of battery will damage the product and possibly make it dangerous to operate.
- The motor(s) may get hot during use. Always allow 10-15 minutes between each operation for the motor to cool down. This will prolong the life of your product.
- Choose an appropriate operating site consisting of flat, smooth ground, and clear open field. Do not operate near buildings, high voltage cable lines, or trees to ensure safety operation. Operate in safe area only, away from other people. RC models are prone to accidents, failures, and crashes due to a variety of reasons including, lack of maintenance, user error, and radio interference. Users are responsible for their actions and damage or injury occurring during the operation.
- Do not operate in inclement weather, such as rain, wind, snow or darkness.
- The product is composed of precision electrical components. It is critical to keep the product away from moisture and other contaminants. Do not allow them to get wet. Electrical damage may occur that could affect safe operation.
- You should complete a successful pre-run check of your radio equipment and model prior to each run.
- Use replacement parts from the original manufacturer to ensure safe operation.
- Operate this product within your ability. Do not operate under tired condition

- After each use, always allow the battery to cool down before recharging. When charging the battery pack, do not overcharge! If batteries get hot during charging, discontinue charging immediately and disconnect the battery from the charger. Never leave battery unattended while charging. If you are unsure of how to charge this battery, please seek the advice of experienced RC users. Never let children charge the battery without adult supervision.
- Always turn on the transmitter before connecting the battery on the model. When turning off the model, always disconnect the battery first, and then turn off the transmitter. If the order is reversed, the model may become uncontrollable and cause serious damage.
- If you are in doubt of your ability to operate the model, we strongly recommend that you seek assistance from experienced RC users or join your local modeling club to gain the required knowledge and skill. As the manufacturer and distributor, we assume no liability for the use of this product.
- Before turning on your model and transmitter, please check to make sure no one else is operating under the same frequency. Frequency interference can cause your model, or other’s models to crash. The guidance provided by experienced RC users will be valuable for the assembly, tuning, trimming, and actual first flight.
- Never allow batteries to run low or you might lose control of the model.
- Plastic is very susceptible to damage or deformation due to extreme heat and cold climate. Do not store the model near any source of heat such as oven or heater. Store the model indoors, in a climate-controlled, room temperature environment.
- Never shorten the receiver antenna; or this might affect the transmitting range of the radio system.
- This product is a RC hobby model, do not use for other purpose.

Safety

Pay close attention to the following symbols and their meanings. Failure to follow these warnings could cause damage, injury or death.

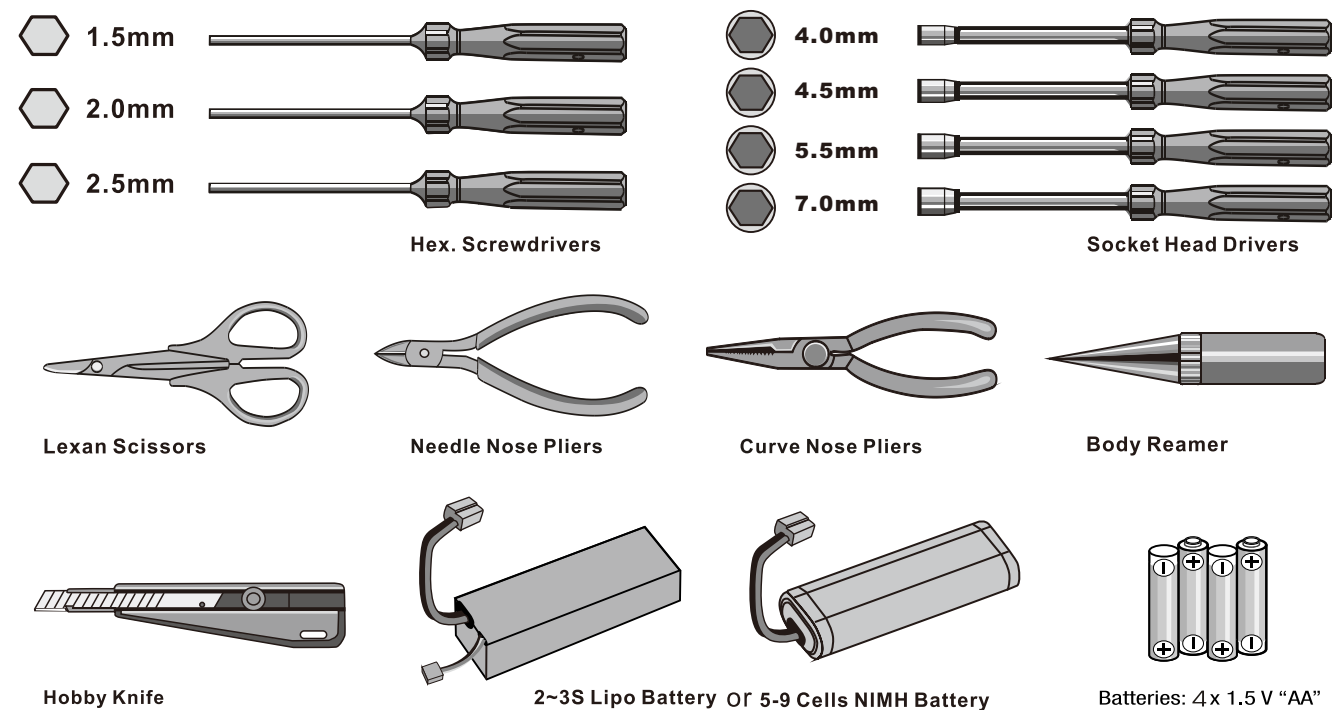
 Danger	Not following these instructions may lead to serious injuries or death.
 Warning	Not following these instructions may lead to major injuries.
 Attention	Not following these instructions may lead to minor injuries.
 Prohibited	<ul style="list-style-type: none">■ Do not use the product at night or in bad weather like rain or thunderstorm. It can cause erratic operation or loss of control.■ Do not use the product when visibility is limited.■ Do not use the product on rain or snow days. Any exposure to moisture (water or snow) may cause erratic operation or loss of control.■ Interference may cause loss of control. To ensure the safety of you and others, do not operate in the following places:<ul style="list-style-type: none">● Near any site where other radio control activity may occur● Near power lines or communication broadcasting antennas● Near people or roads● On any body of water when passenger boats are present■ Do not use this product when you are tired, uncomfortable, or under the influence of alcohol or drugs. Doing so may cause serious injury to yourself or others.■ The 2.4GHz radio band is limited to line of sight. Always keep your model in sight as a large object can block the RF signal and lead to loss of control.■ Do not touch any part of the model that may generate heat during operation, or immediately after use. The engine, motor or speed control, may be very hot and can cause serious burns.
 Mandatory	<ul style="list-style-type: none">■ Misuse of this product may lead to serious injury or death. To ensure the safety of you and your equipment, read this manual and follow the instructions.■ Make sure the product is properly installed in your model. Failure to do so may result in serious injury.■ Make sure to disconnect the receiver battery before turning of the transmitter. Failure to do so may lead to unintended operation and cause an accident.■ Ensurethatallmotorsoperateinthecorrectdirection.Ifnot,adjustthedirection first.■ Makesurethemodelstayswithinthesystemsmaximumrangetopreventlossof control.

Thanks for purchasing our RC car. The power system for RC model can be very dangerous, so please read this manual carefully. In that we have no control over the correct use, installation, application, or maintenance of our products, no liability shall be assumed nor accepted for any damages, losses or costs resulting from the use of the product. Any claims arising from the operating, failure of malfunctioning etc. will be denied. We assume no liability for personal injury, consequential damages resulting from our product or our workmanship.



START GUIDE

1. Please read the manual carefully and prepare the following things before use.



2. The items inside the box.

One car

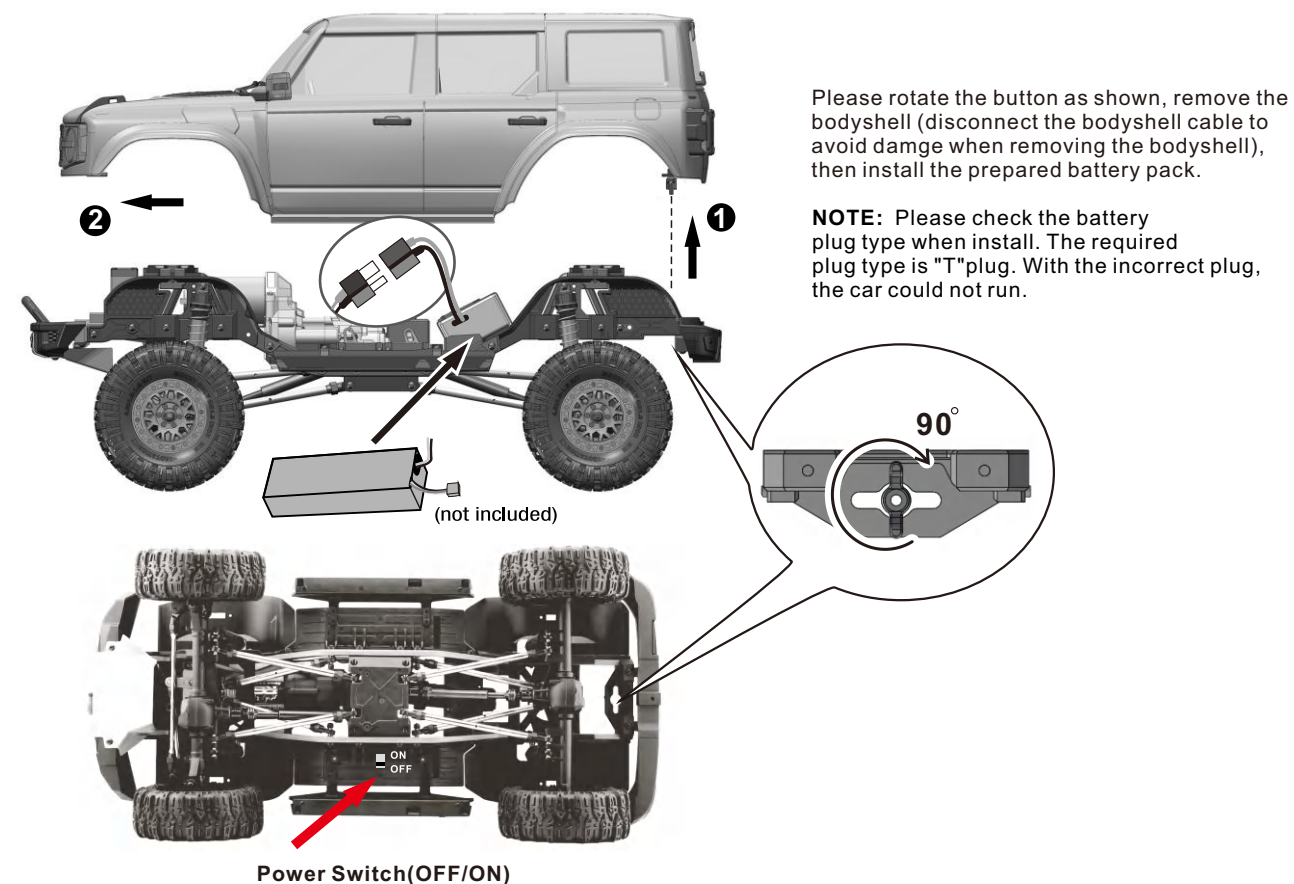


3. Please check the whole product condition when open the package.

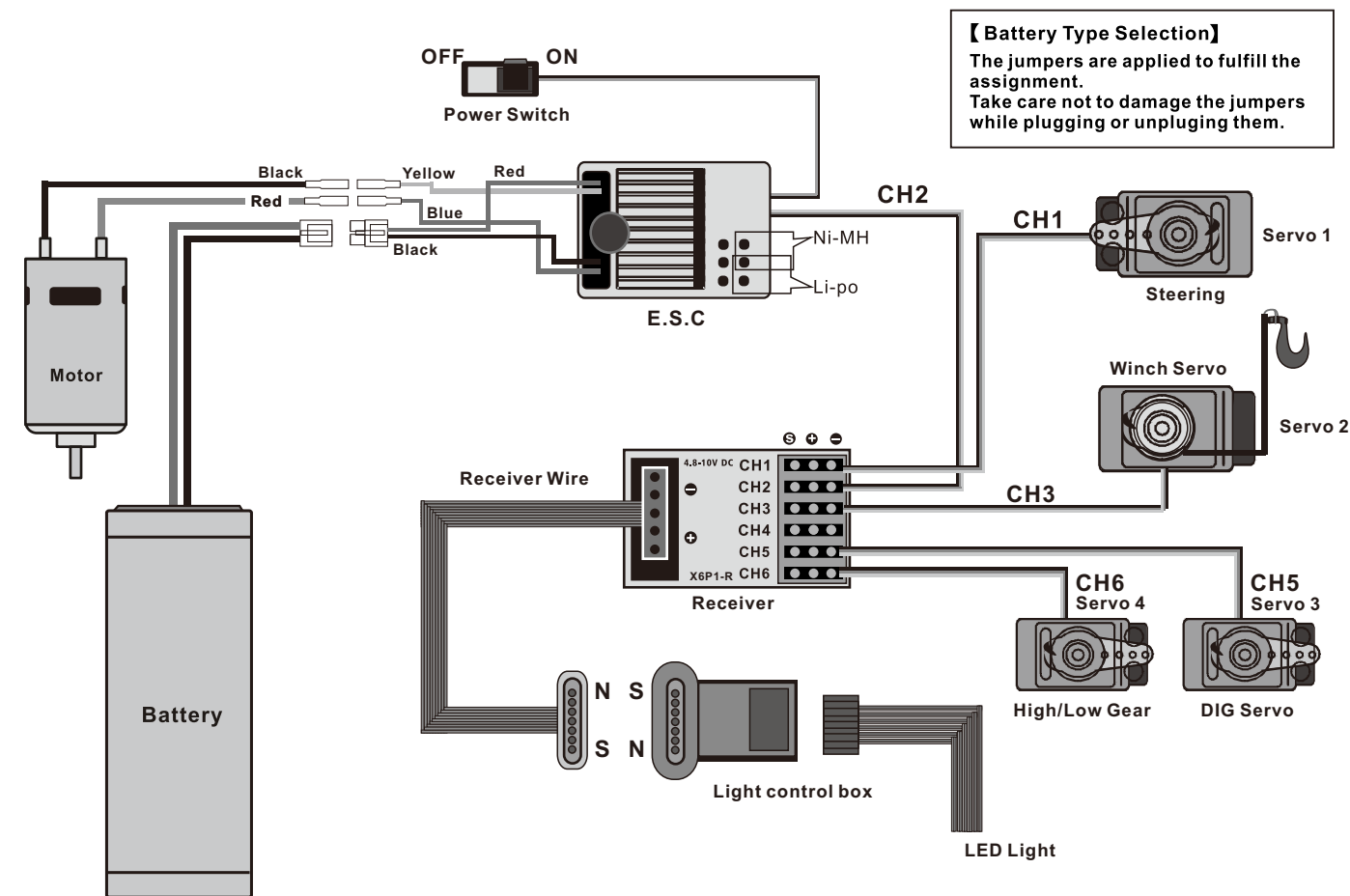
- 3-1. After each day of running, you should check your shocks for adequate fluid. If the fluid is low, or it is getting dirty, you should change the fluid in the shocks. To achieve better performance, you may also want to change the shock fluid and or the pistons.
- 3-2. Gear mesh is the clearance between the pinion and spur in an electric car or clutch bell and spur in a nitro car. It has impact on the vehicles performance. If the gear mesh is not set properly you may also damage the clutch bell and spur or the pinion gear and spur gear as soon as the vehicle starts running.
- 3-3. Please check if the screw is tight enough before use. Screw it tight (or apply the screw glue if necessary)
- 3-4. Regularly check and verify the tires are intact. No breach should be observed. Please apply the CA glue if needed.



4-1. Install Charged Batteries In Car.



4-2. Scheme of installation

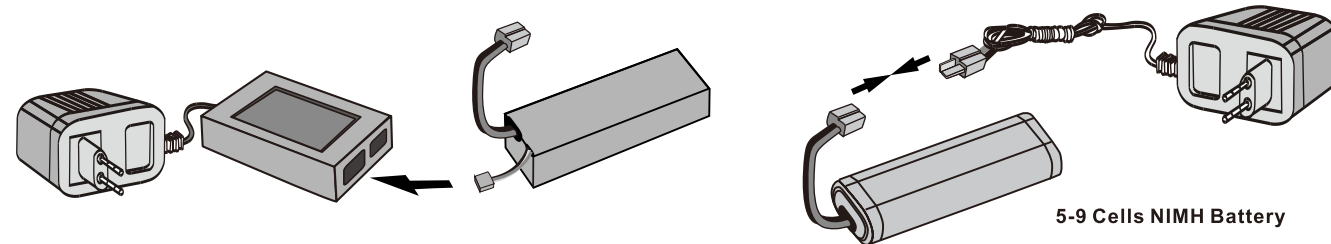


4-3. Battery Specifications for Product

WARNING:

NO battery includes in factory. Recommend battery: 2S~3S LIPO battery or 5-9 cells NIMH battery (please match the ESC mode with the corresponding battery type) Pay attention to the battery size and plug specification when purchasing. The maximum battery measurement is 142*48*55mmJLxWxH).

This product can use the 2S or 3S Li-Po battery.



5-9 Cells NIMH Battery

NOTICE

Please check the battery voltage before use. Please use a qualified charger to charge the newly purchased battery. (please read the charging steps in manual when necessary)

Charge the vehicle battery

- Connect charger plug with mains jack and then connect with connector of battery.
- Please be care of safety while charging, please remove charger plug from the mains jack once finish charging. Will be over heat if it is too long to be charging or incorrect charging way. must stop charging if over 45 degree for the battery temperature.
- Do not charge for battery at once when you take it away from your car. Please make sure battery in cool condition before recharge battery to keep battery performance running well and get a longer use life.

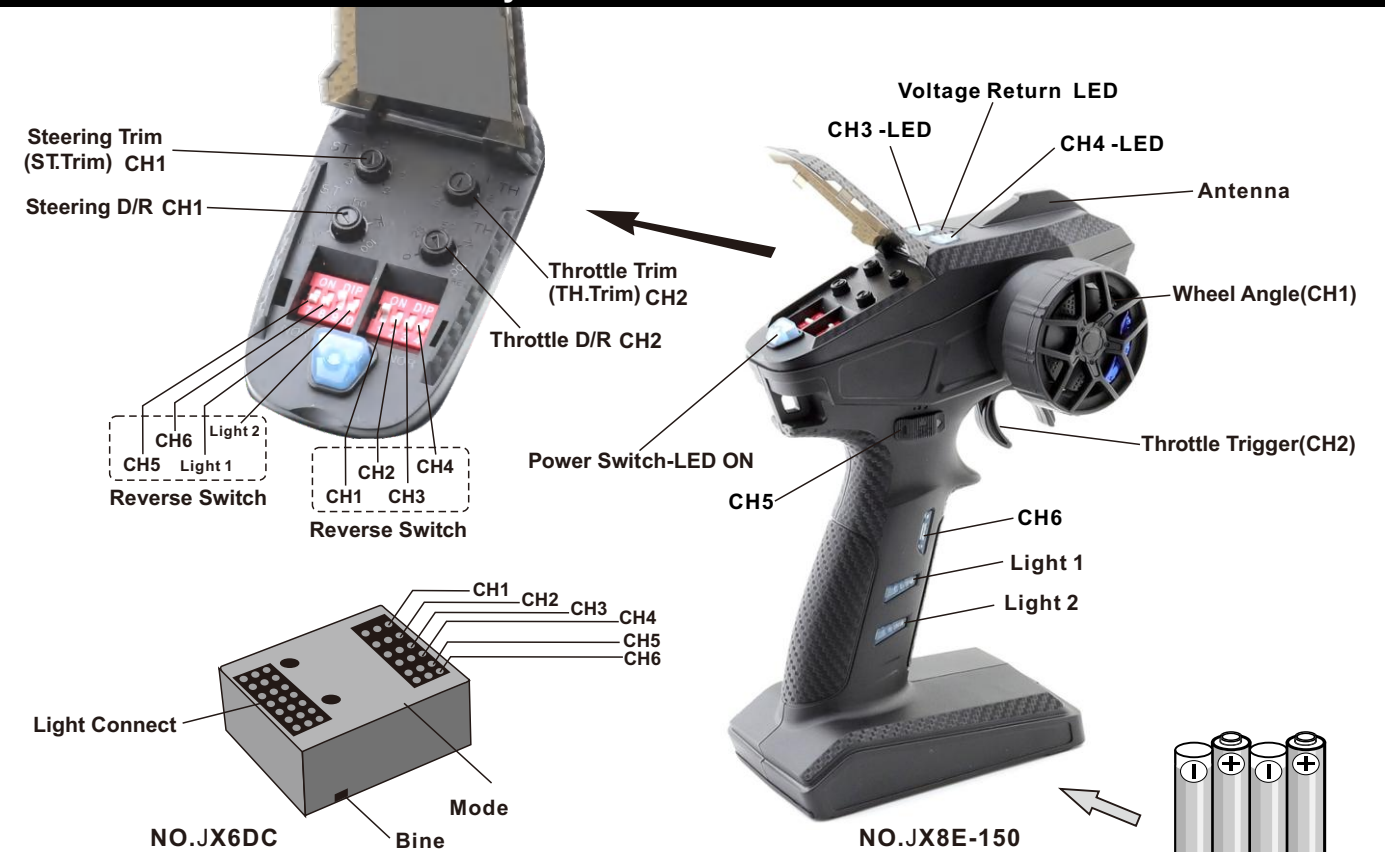
NiMH Battery Instructions

- Never dispose of NiMH batteries in a fire or store near sources of heat.
- Only use the supplied NiMH charger to charge the NiMH battery. Using another charger may permanently damage the battery and surrounding components and may also lead to injury.
- Batteries should only be charged on a fireproof surface, away from any flam-mable materials.
- Never leave the battery unattended when charging or discharging.
- Batteries must be discharged or fully exhausted before being disposed of. Cover exposed poles with adhesive tape to prevent short-circuiting!
- Never disassemble or alter the battery contacts. Do not damage or puncture battery cells. Doing so would result in an explosion hazard!
- Keep the NiMH battery away from children.

Lithium Polymer (LiPo) Battery Warnings

- Never charge a lithium polymer battery with a charger designed for NiCd, NiMH, or any other type of battery chemistry. Use ONLY charger designed for LiPo battery.
- Do not leave LiPo battery unattended during charging.
- Do not overcharge the battery.
- Always place the battery on a heat resistant surface alone when charging.
- Always put the LiPo battery inside a charging protection coatner while charging.
- Do not allow LiPo cells to overheat at any time. Cells which reach greater than 140 Fahrenheit (60C) will usually become damaged and will catch fire.
- Do not charge LiPo cells on or near combustible materials including paper, plastic, carpets, vinyl, leather, and wood. inside an R/C modl or full size automobile.
- Do not discharge LiPo; doing so will damage the battery.
- Do not expose LiPo cell to water or moisture at any time.
- Do not store battery near open flame or heater.
- Do not assemble LiPo cells or pre-assembled packs together with other LiPo cells or packs.
- Always store LiPo battery in a secure location away from children.
- Always remove the LiPo battery if model is involved in any kind of crash. Carefully inspect the battery and connectors for even the smallest damage. CAUTION: cells may be hot!
- Do not allow the electrolyte to get into eyes or on skin. Wash affected areas immediately if they come into contact with electrolyte. Do not alter or modify connectors or wires of a LiPo battery pack.
- Always inspect the condition of the battery before charging and operating.
- Do not short circuit the LiPo battery.
- Do not have contact with a leaky/damaged battery directly.
- Do not charge battery out of recommended temperature range (0C - 45C).

5-1. XA8E-150 2.4GHZ Radio System



Install The Transmitter Batteries

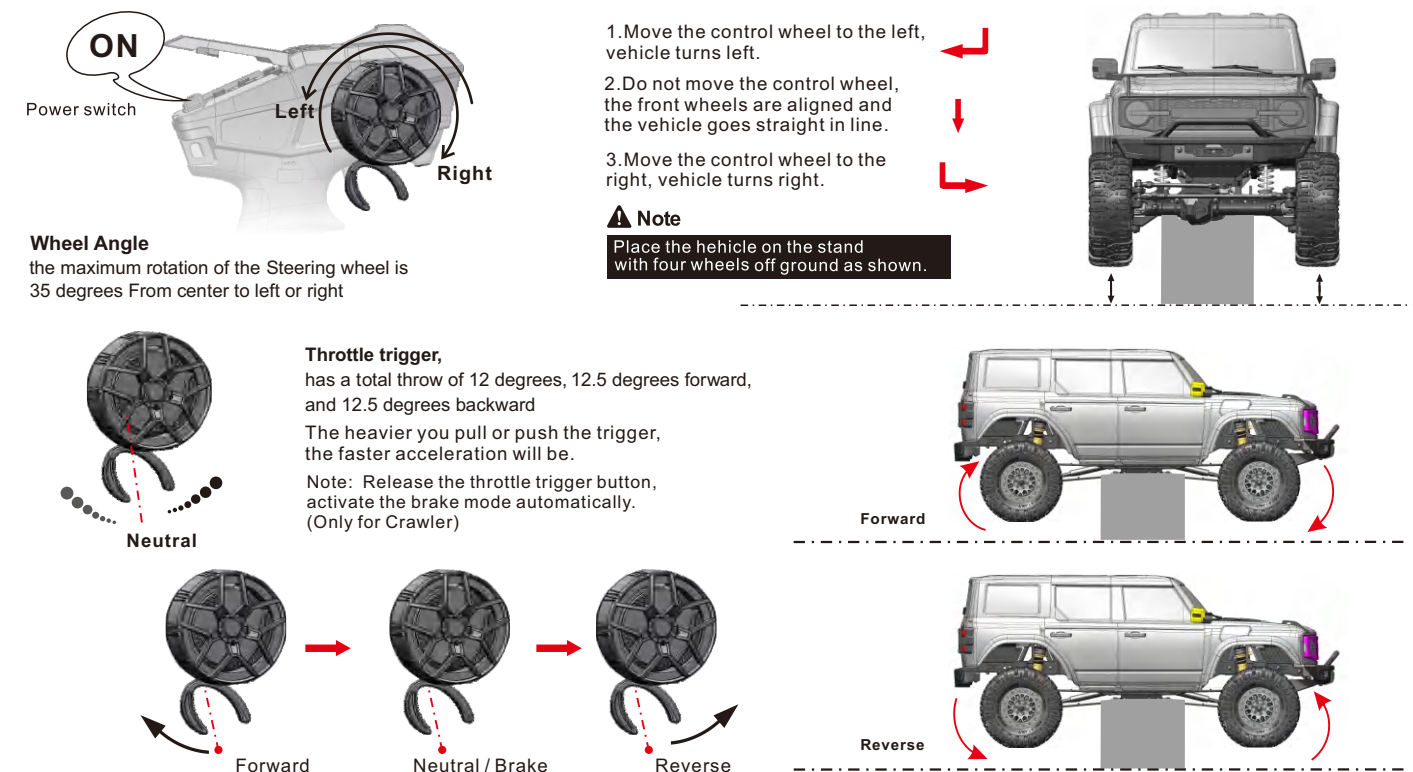
Battery Installation:

1. Open the battery compartment cover.
2. Insert 4 AA fully charged batteries or 2S Li-Po batteries in correct polarity. (No response if battery polarity reversed.)
3. Close battery compartment cover.

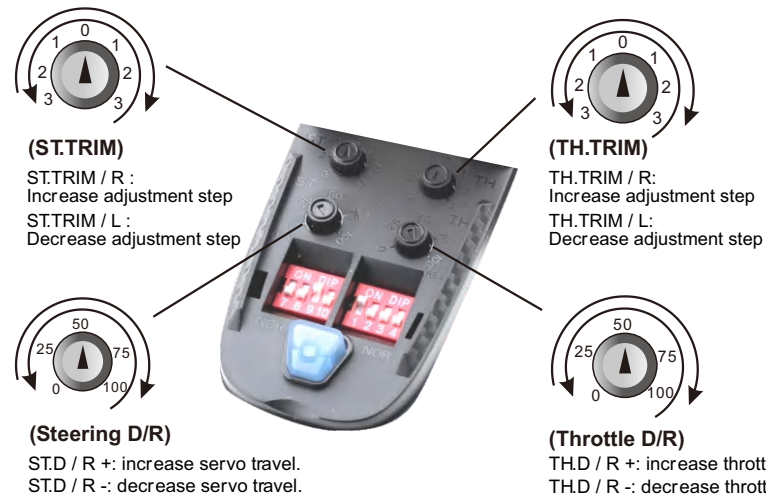
Binding Process:

1. Press receiver button, LED indicator fast flashing means entering into binding mode, the receiver will automatically looking for the nearest transmitter signal.
2. The indicator will always ON after successful bond.

5-2. Transmitter Steering Trim and Throttle Trim

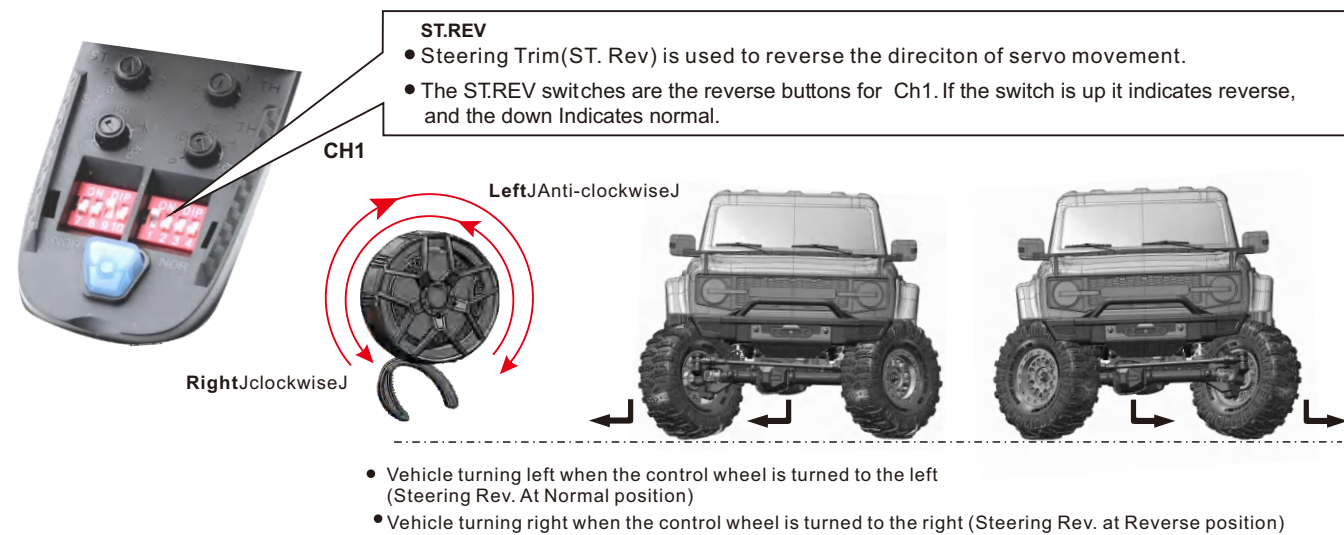


5-3. Transmitter Steering and Throttle Instruction



Note:

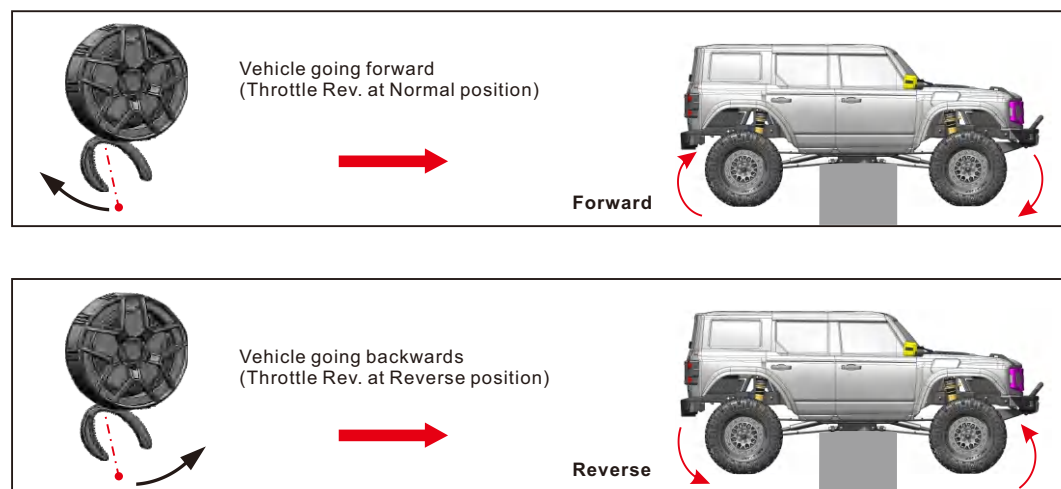
- Please trim the Throttle Trim (TH. Trim) until the vehicle stops in case the vehicle goes forwards or backwards itself just after it is turned on.
- If the front wheels are not aligned, please trim "steering trim" (ST.TRIM) until they are aligned.
- The ST.TRIM is the trims for Ch1(steering). You can trim the Steering Trim until it fulfills your desired steering angles.
- ST.D / Ris for servo travel adjustment, which can be multiplexed as CH2 (throttle).



Channel Reverse
TH.REV

 CH_2

- The Throttle Rev. is used to reverse the direction of motor rotation.
- The TH.REV switches are the reverse buttons for CH2. If the switch is up it indicates reverse, and the down indicates normal.



5-4 Servo Winch Hook Function

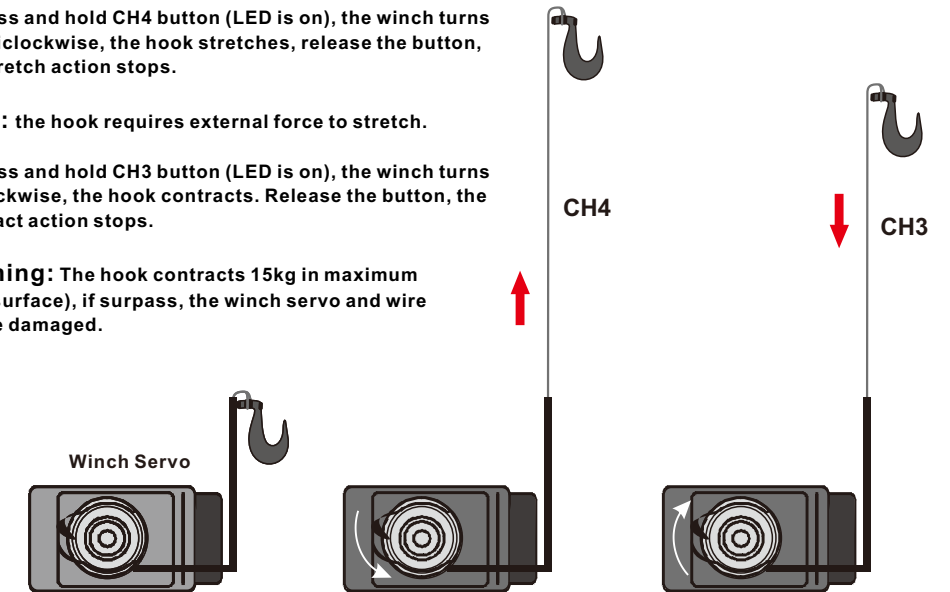


- 1. Press and hold CH4 button (LED is on), the winch turns in anticlockwise, the hook stretches, release the button, the stretch action stops.**

Note: the hook requires external force to stretch.

- 2. Press and hold CH3 button (LED is on), the winch turns in clockwise, the hook contracts. Release the button, the contract action stops.**

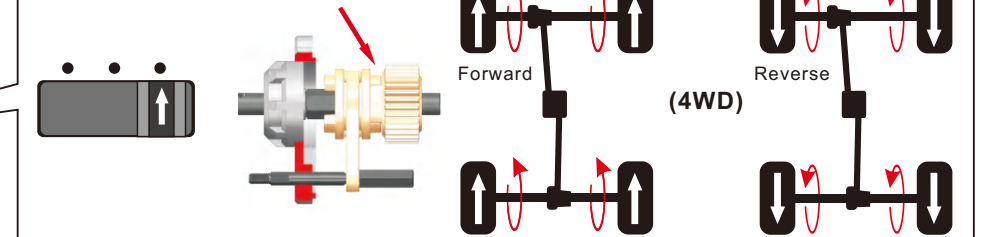
Warning: The hook contracts 15kg in maximum (flat surface), if surpass, the winch servo and wire will be damaged.



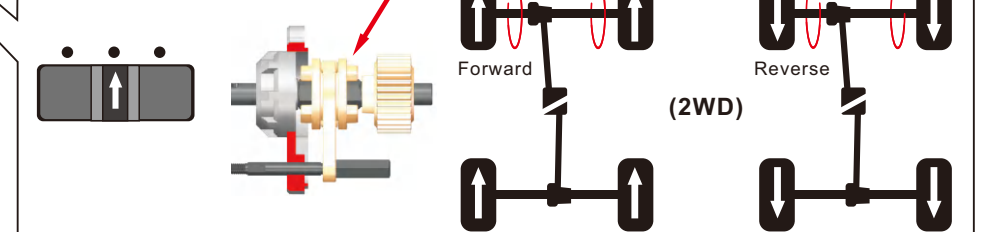
5-5 DIG Function instruction



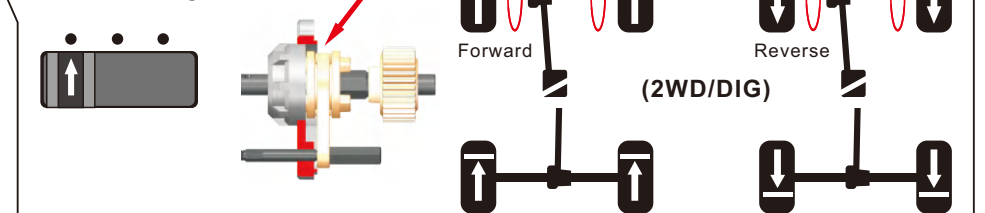
The standard mode - 4WD



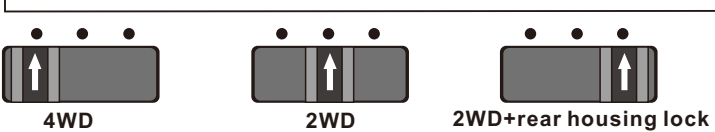
Front-wheel drive mode




**Front-wheel drive mode
+ Rear Housing Lock**



Reverse Switch

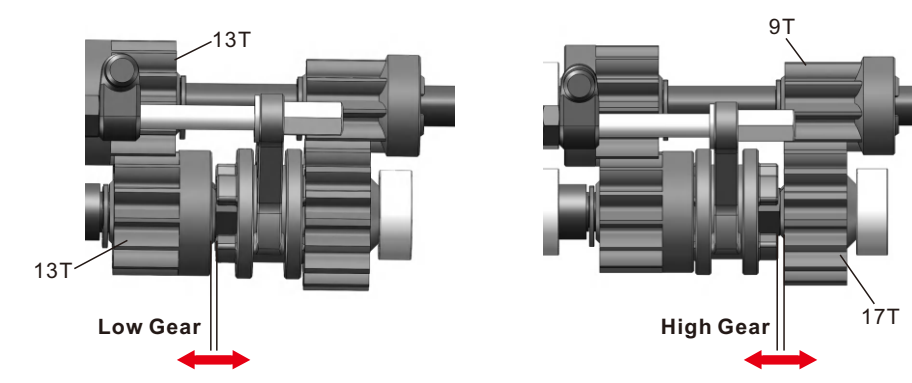


5-6. Shifting the High-Low Transmission



ON

CH6



13T

Low Gear

9T

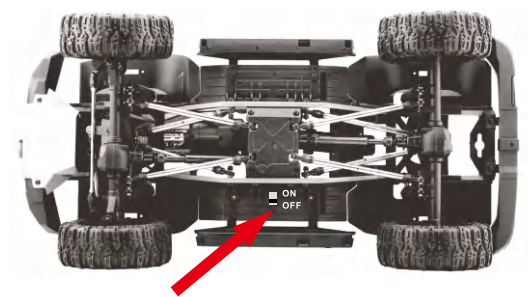
High Gear

17T

! Please stop or slow down the vehicle when shifting gear, from low-speed to high-speed or from high-speed to low-speed, in order to make the shift operation more smoother and protect the gear.

- Press CH6 button, the button light is on, switch to high-speed gear
- Press CH6 button again, the button light is off, switch to low-speed gear


5-7. Light Control Usage



ON OFF

Power Switch(OFF/ON)


Mode I : Power on the swith, rear park lights are on, right and left cornering lights and back-up light are normal.



Daytime Running Light


Head Light

Cornering Light




J5-7AJ

Model II : As shown in image(5-7A), press the button, the front headlights are on; press the button again, the front headlights are flashing; press the button once again, the front headlights are off.



J5-7BJ

Model III : As shown in image(5-7B), press the button, DRLs are on; press the button again, DRLs are flashing; press the button once again, DRLs are off.

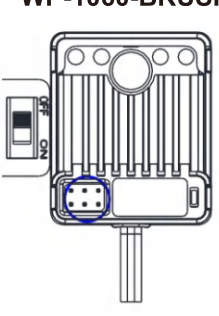


Park Light

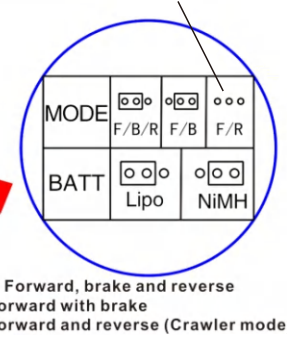
Backup Light

Cornering Light

6. User Manual of Water-Proof Brushed Speed Controller



WP-1060-BRUSHED



Factory Setting

MODE F/B/R F/B F/R

BATT Lipo NiMH

F/B/R : Forward, brake and reverse
F/B : Forward with brake
F/R : Forward and reverse (Crawler mode)

FEATURES

- * Water-proof and dust-proof for all weather races.
- * Small size with built-in capacitor module.
- * Automatic throttle range calibration, easy to use.
- * Multiple protections: Low voltage cut-off protection for Lipo or NiMH battery / Over-heat protection / Throttle signal loss protection.
- * Easily programmed with the jumpers.

Model		WP-1060-BRUSHED
Cont. / Burst Current		Forward: 60A / 360A Backward: 30A / 180A
Input		2-3S Lipo, 5-9 Cells NiMH
Cars Applicable		1:10 on-road, off-road 1:10 Crawler, Tank & Boat
Motor Limit	2S Lipo or 5-6 cells NiMH	540 or 550 size motor ≥ 8T or RPM <45000 @7.2V
	3S Lipo or 7-9 cells NiMH	540 or 550 size motor ≥13T or RPM <30000 @7.2V
Resistance		Fwd: 0.0008Ohm,Bwd : 0.0016Ohm
Built-in BEC		3A/6V (Switchmode BEC)
Dimension& Weight		36*30*18, 40g

! Attention: The incorrect polarity will damage the ESC immediately.If the motor runs in the opposite direction, please swapthese two wire connections.

[PROTECTION FUNCTIONS]

1. Low voltage Cut-off (LVC) protection: If the voltage of battery pack is lower than the threshold for 2 seconds, the ESC will enterthe protection mode.
When the car stops, the red LED blinks to indicate the low voltage cut-off protection has been activated.

Table A:LVC protection for WP-1060-BRUSHED, (F/B/R or F/B mode).

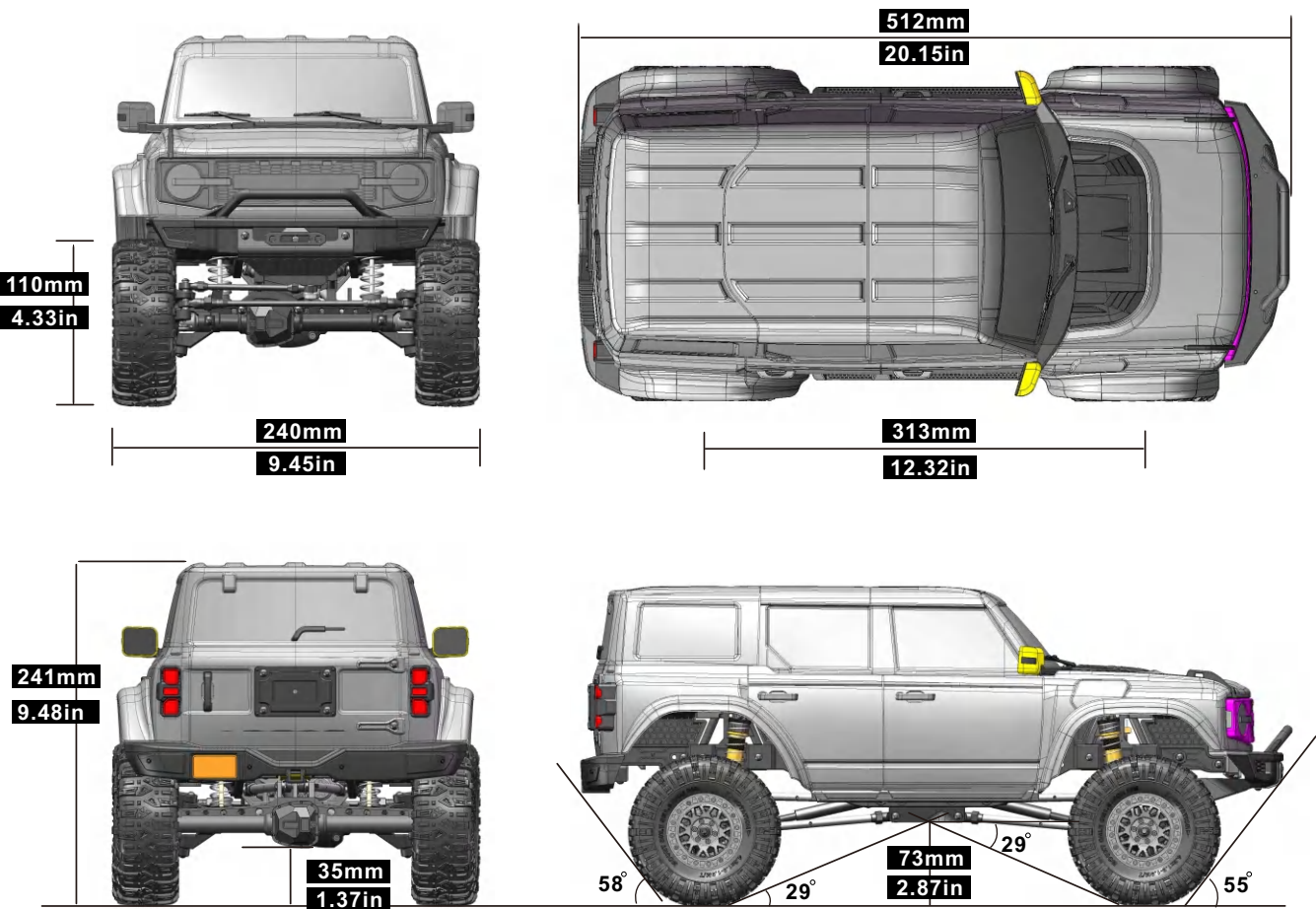
2S Lipo	3S Lipo	4S Lipo	5-9 cells NiMH
Output reduces 50% at 6.5V Output cuts off at 6.0V, cannot be recovered	Output reduces 50% at 9.75V Output cuts off at 9.0V, cannot be recovered	Output reduces 50% at 13V Output cuts off at 12V, cannot be recovered	Output reduces 50% at 4.5V Output cuts off at 4.0V, cannot be recovered
2. Over-heat protection: When the internal temperature of the ESC is higher than 100 Celsius degree or 212 Fahrenheit degree for 5 seconds, the ESC will reduce and cut off the output power.
When the car stops, the red LED blinks to indicate the over-heat protection has been activated.If the ESC cools down to 80 Celsius degree(176 Fahrenheitdegree)the output power is recovered to normalstate.

3. Throttle signal loss protection: The ESC will cut off the output power if the throttle signal has been lost for 0.1second.
The Fail Save function of the radio system is strongly recommended to be activated.

Trouble	Possible Reason	Solution
After power on, motor cant work, no sound is emitted, and LED is off.	The ESC doesnt get its working voltage; Connections between battery pack and ESC are broken.	Check the battery wires connection or replace the defective connectors.
	Switch is damaged.	Replace the switch.
After power on, motor cant work ; red LED blinks.	Throttle signal is abnormal.	Check the thro ttle wire connection; make sure it is plugged into the throttle channel of the receiver.
	Automatic throttle range calibration is failed.	Set the TRIM of throttle channel to 0 or turn the knob to its neutral position.
The car runs backward while giving throttle. (The motor runs in the opposite direction)	The wire connections between ESC and the motor need to be changed.	Swap two wire connections between the ESC and the motor.
The car cant go backward.	The jumper position is wrong.	Check the jumper and plug it to the correct position.
	The neutral point of throttle channel is changed or drifted.	Set the TRIM of throttle channel to 0 or turn the knob to its neutral position.
The car cant go forward, but can go backward.	The direction of throttle channel is not correct.	Reset the direction of throttle channel from original NOR to REV or from original REV to NOR.

Please review the ESC manual for more details.

7. EX86130 Challenger Specifications



Item No	Ex86130	Wheel	110*40mm	Gear Ratio/Low	53:1(F), 57:1(R)
Item Name	PRO RUNNER	Clearance	73mm (chassis) 35mm (steel)	Gear Ratio/High	28:1(F), 30:1(R)
Scale	1/10	Weight	3.03kg(No battery)	Steering Servo	25KG
Desciption	Crawler/Off-Road	Radio/Rx	2.4G/6CH(X8E-150)	Winch Servo	360 / 25KG
Drive Mode	Front-Wheel Drive +4WD	R/C Distance	<120m>100m	Function Servo	4.8~7.4V/9G
Length	512mm	Battery Recommendations	2S or 3S Lipo, 5-9 Cells NIMH Battery	Body Type	PC Soft
Width	240mm	Battery Size	<142*48*55mm(L*W*H)	Body Color	Green / Red / Blue
Height	241mm	Motor	RC550/6235	Gift Box Size	575*275*282(H)mm
Wheel Base	313mm	ESC	WP-1060 / 60A	Piece per Carton	1P

8. All the ways done,your car is ready to run. Hope you enjoy the fun in driving it.

Tip: Always turn off the receiver and then the transmitter when not in use. Clean the car before storage.

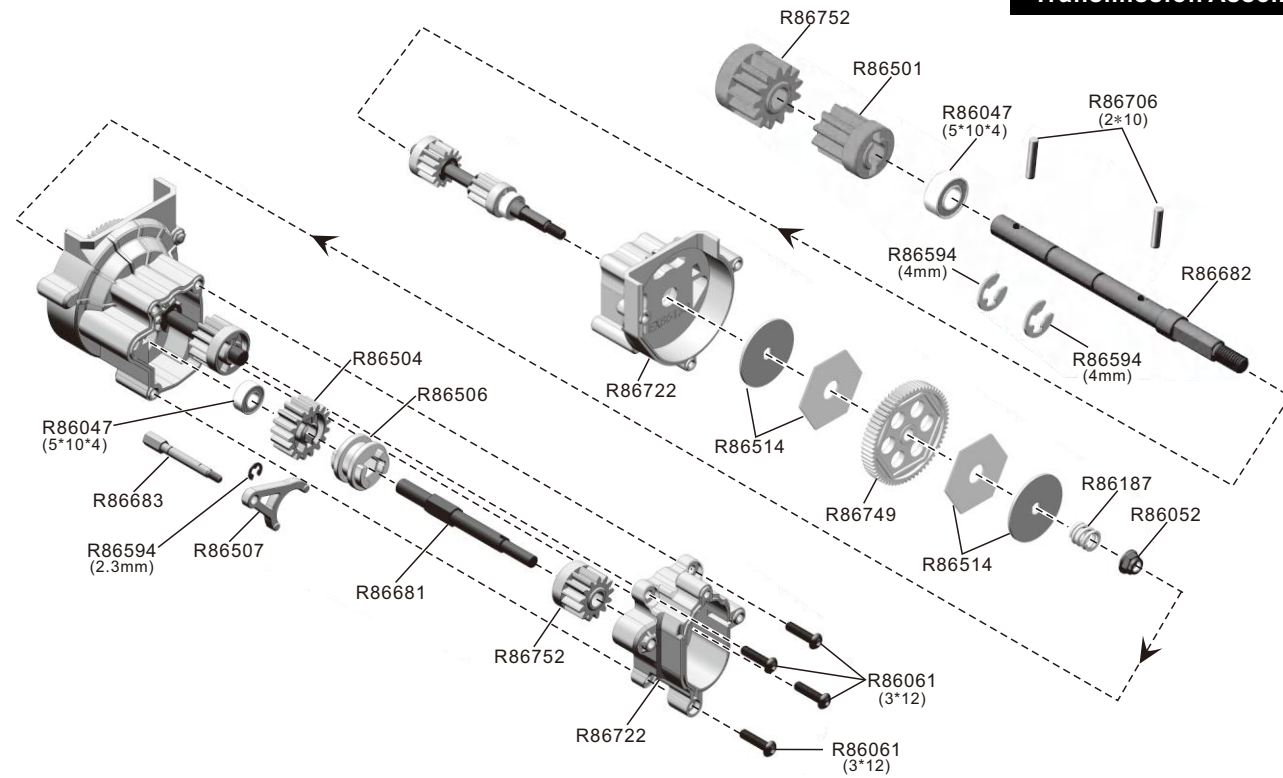
Vehicle Maintenance:

- 1).Please remove the battery pack plug or take it out, when the car is out of use.
- 2).Before each use, please redo the above steps and check all the parts condition if over wear.
- 3).Ensure the unused battery pack over-discharge (recommended to be above 40%), and keep in a dry and cool place, out of reach of children.
- 4).After each use, please carefully check all the parts condition, and repair or replace the worn part. Use a fine brush to sweep the sand, marl and other dirt inside the model, then wipe it cleanly by a soft cloth.

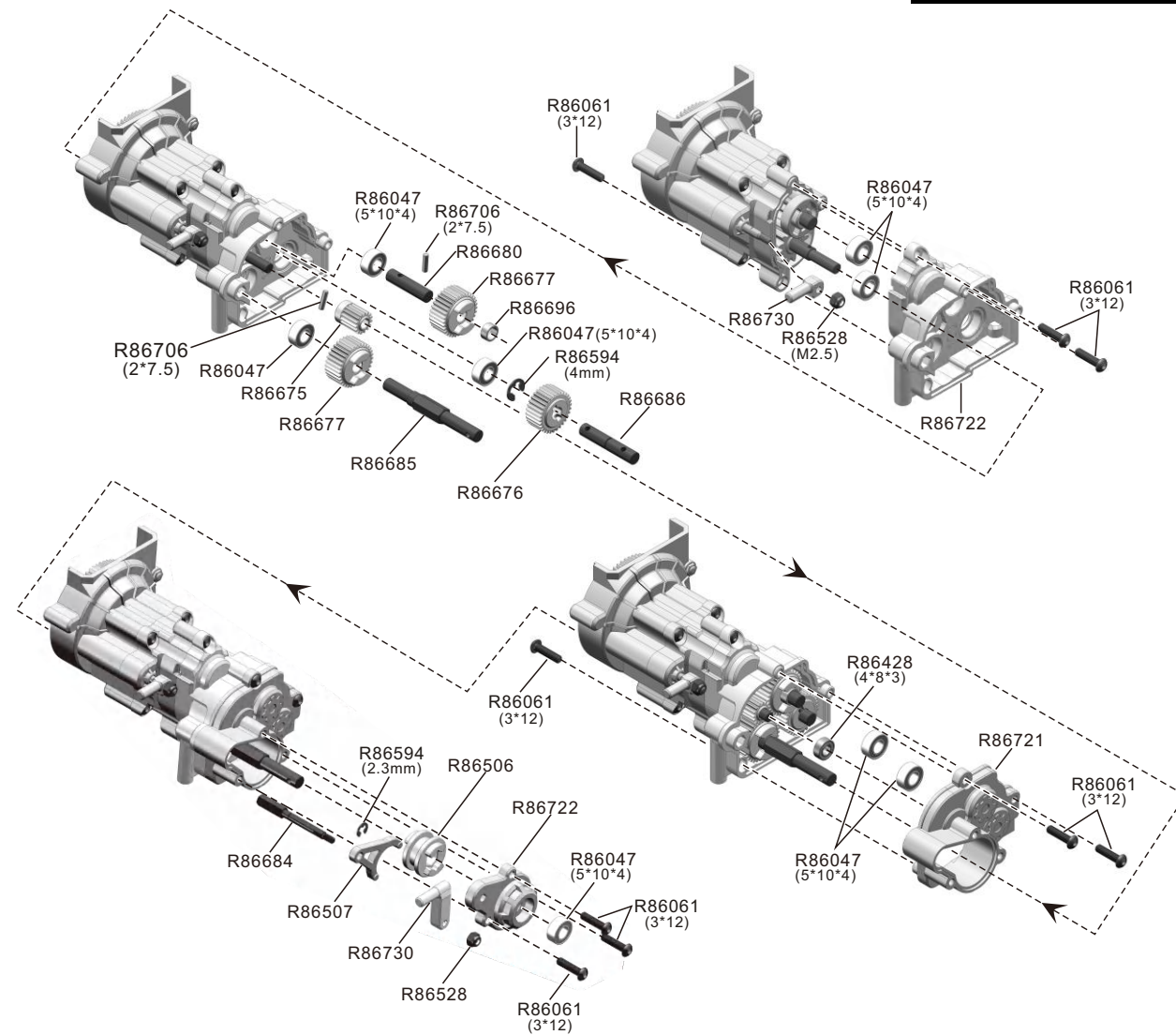
9. Troubleshooting

Problem	Possible Cause	Solution
Car does not respond during operation	Electronic plugs loose or fall off	Switch off and reconnect
	Vehicle battery not charged, activating the ESC low voltage cut-off to protect the battery	Replace/recharge the vehicle battery
	Motor or ESC dirty or damaged	replace new Motor (recommend to purchase facoty Motor)
	ESC failed	replace new ESC (recommend to purchase facoty ESC)
	ESC power off by overheated Motor	Stop operation and cool the ESC or Motor
	Motor overheated, demagnetized or damaged	replace new Motor (recommend to purchase facoty Motor)
	Transmitter batteries low or beyond the remote control distance	Replace the transmitter batteries, adjust the remote control distance
	Transmitter damaged	Relace or contact seller
No Backward, forward normally	ESC "operation mode" setting error	Relace or contact seller
	ESC damaged	Refer to manual "ESC" , set "operation mode " into "forward and backward reverse with brake"
	Throttle damaged or transmitter throttle not centered	Refer to manual "Transmitter", and reset
Car operate automatically, with no control	Throttle trim out of center on transmitter	Refer to manual "Transmitter", and reset
	Neutral throttle is in incorrect position	Adjust ESC in neutral point
Normal operation, speed shift failure	Error Operation	Ensure to operate in stop status, more refer to the Manual
	Gear Cable damge or loose	Replace the accessory or Readjust
	Servo wire inserts in wrong Receiver slot	Refer to the manual, Readjust
Sluggish Action	Battery damaged / not charged	Check, change or recharge
	Throttle trim out of center on transmitter	Adjust (refer to manual "transmitter")
	Motor dirty/ damaged	Clean/ replace
	Drivetrain dirty / damaged	Check and clean
Light Function Failure after Battery properly installed	Light Plug is not connected or in wrong postion	Check the plug connection
	Transmitter Set Error or Light Control Panel Damage	Reset the Transmitter. Otherwise, please check the light control panel is damaged or not.
	Light Cable in wrong installation and connection	Readjust the installation and Connection
Lack of streering and throttle	ESC power off by overheat	Stop operation, cool the ESC
	Transmitter too near interfere electronical objects	Check and rebind transmitter and receiver, refer to manual
Vehicle moves left / right without steering input	Steering accessories damaged	Check and replace
	Wheel loose	Check and replace
	Drivetrain dirty / damaged	Check and replace
Controls Reversed	ST. REV or TH. REV	Change switch position, refer to manual
	Check the wires between ESC and Motor correct or not	Switch the motor black and red wire
Clicking noise in operation	Check the bodysHELL damaged or fall off	Retrim or replace
	Loose or tight between motor gear and main gear	Reset gear mesh
	Gear damaged or rocked	Remove gear cover and inspect. If necessary, replace gear
Only steering, no forward and backward	ESC failed or abnormal	Reset the neutral point or replace
	Transmitter failed or abnormal	Relace or contact seller

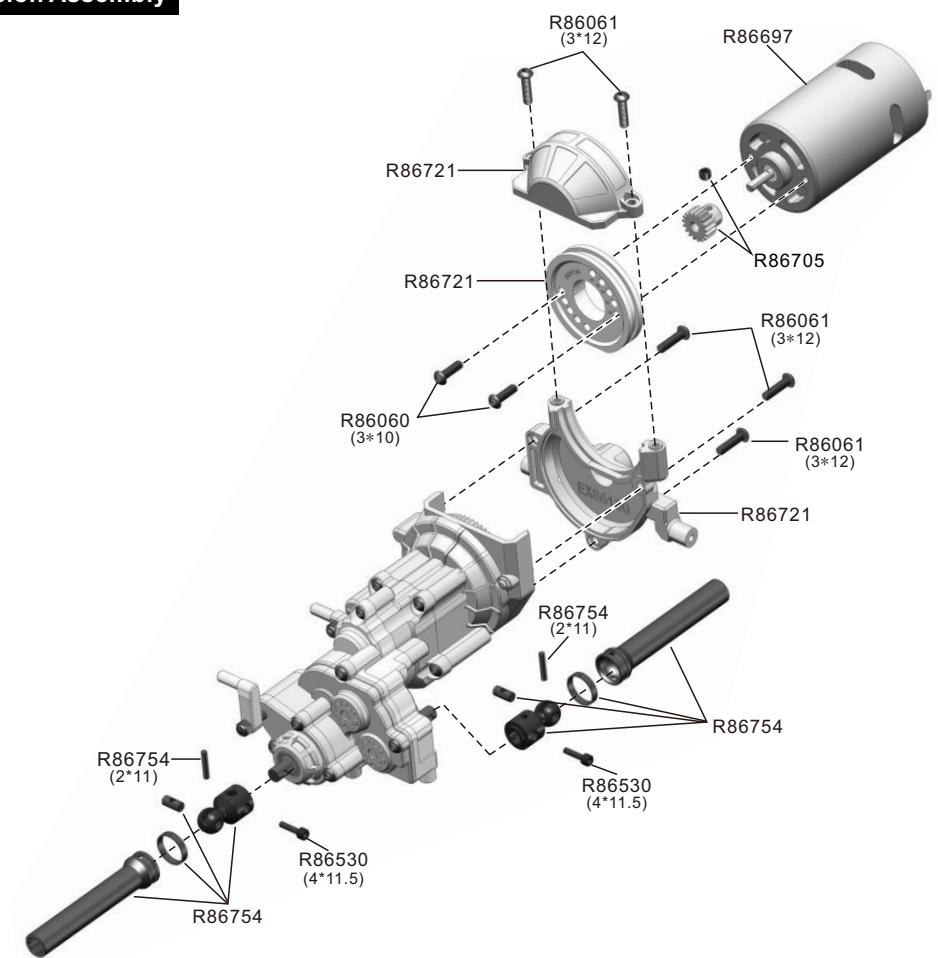
Transmission Assembly-1



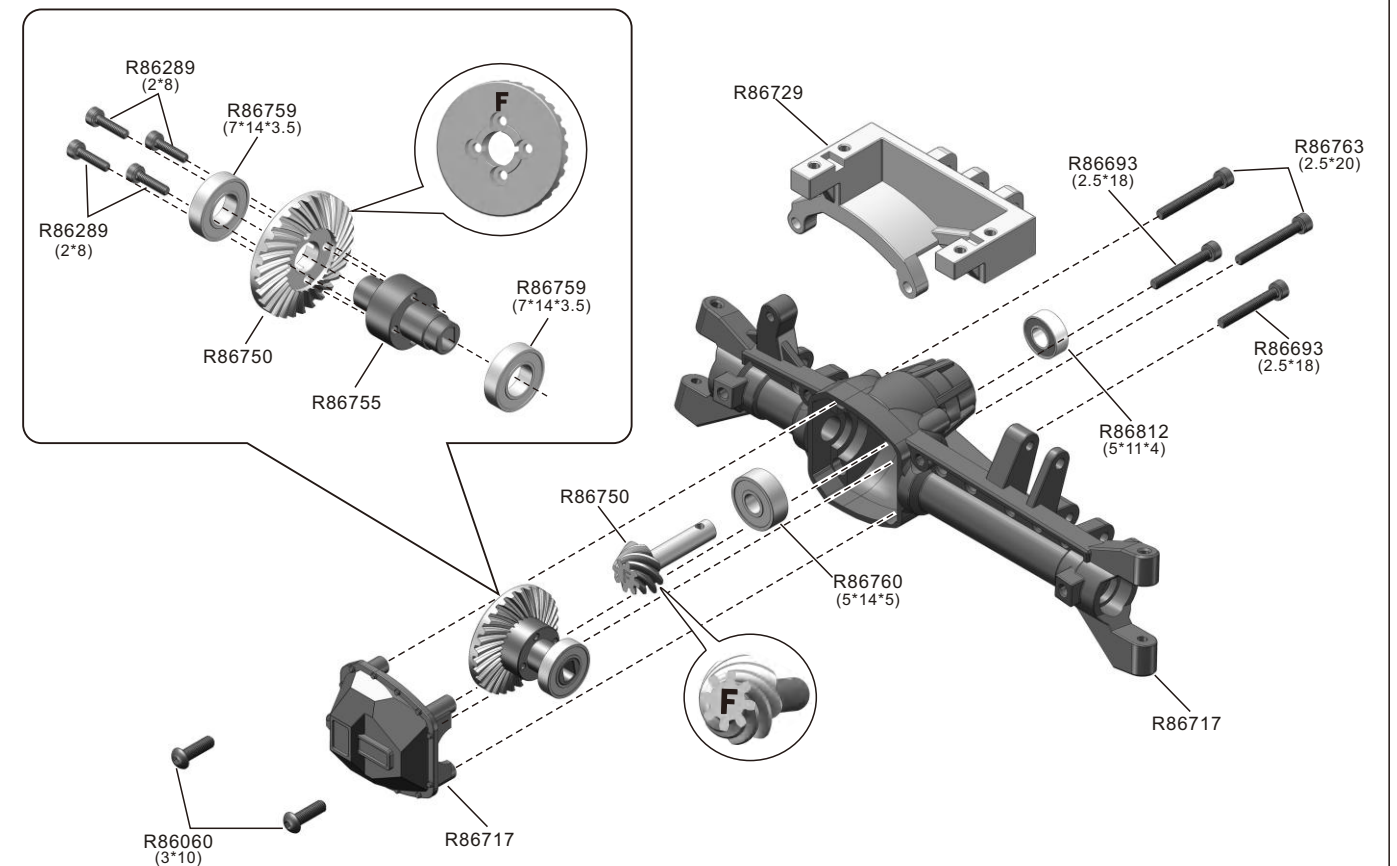
Transmission Assembly-2



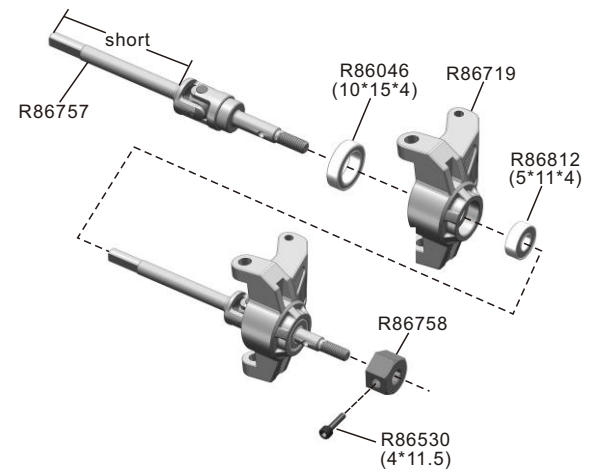
Motor/Transmission Assembly



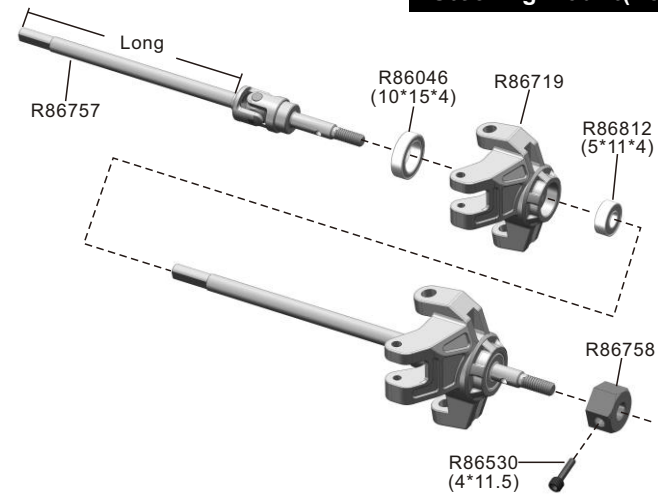
Front Axle Assembly



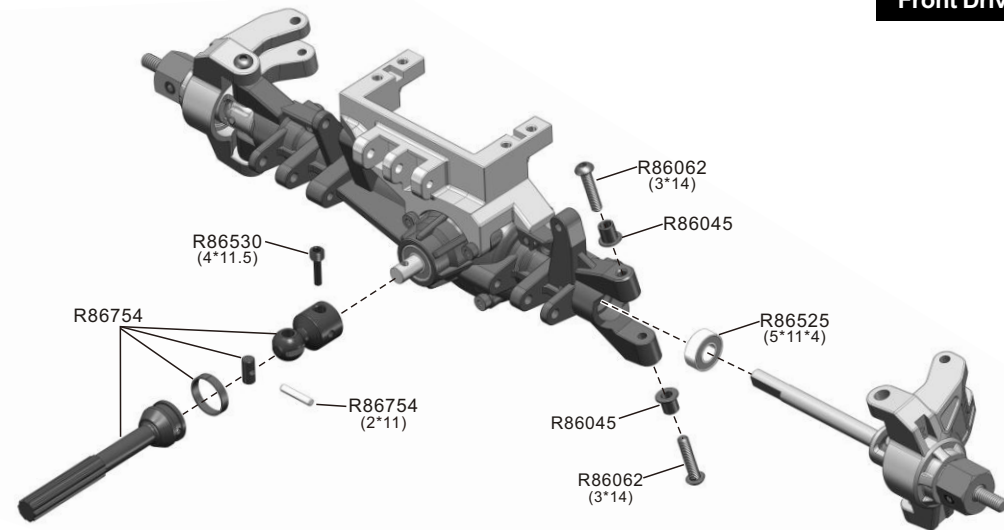
Steering Mount(Right)



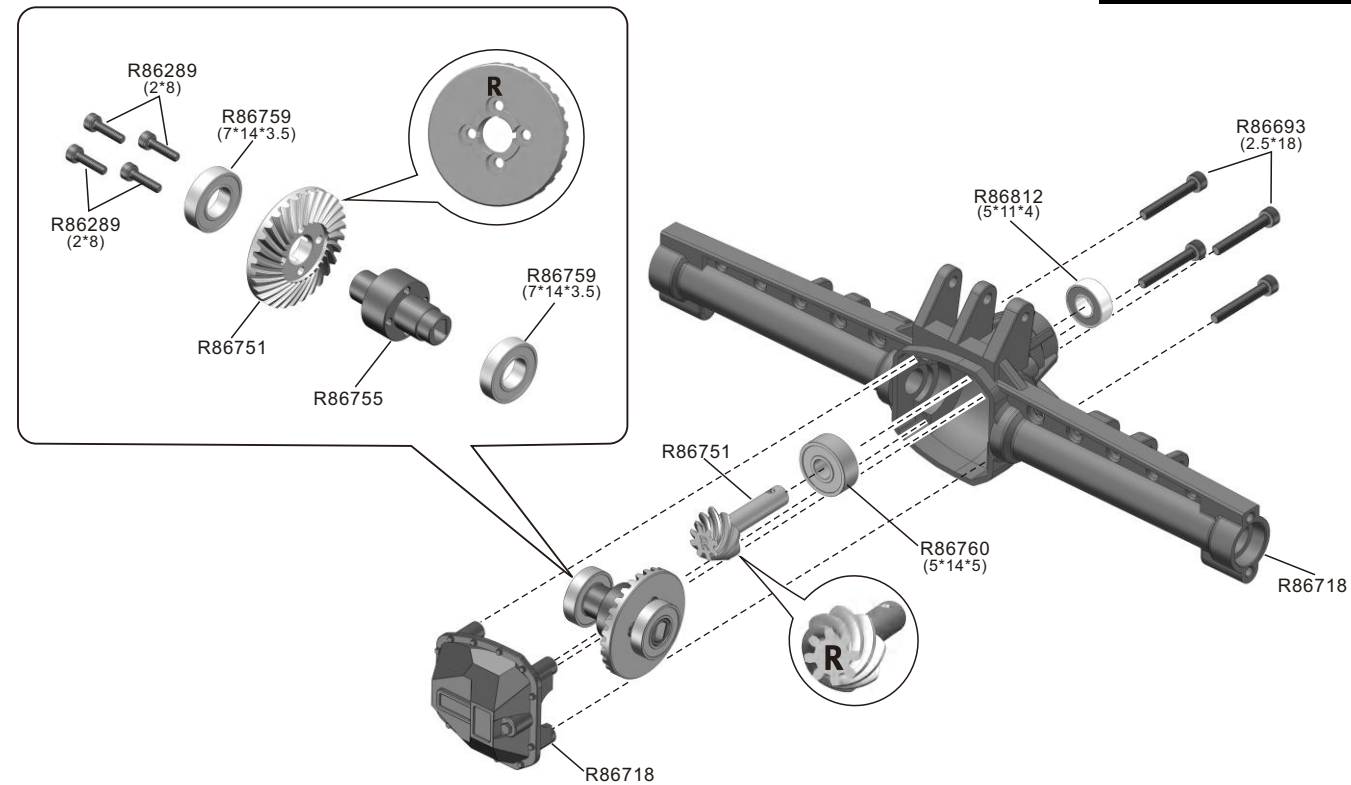
Steering Mount(Left)



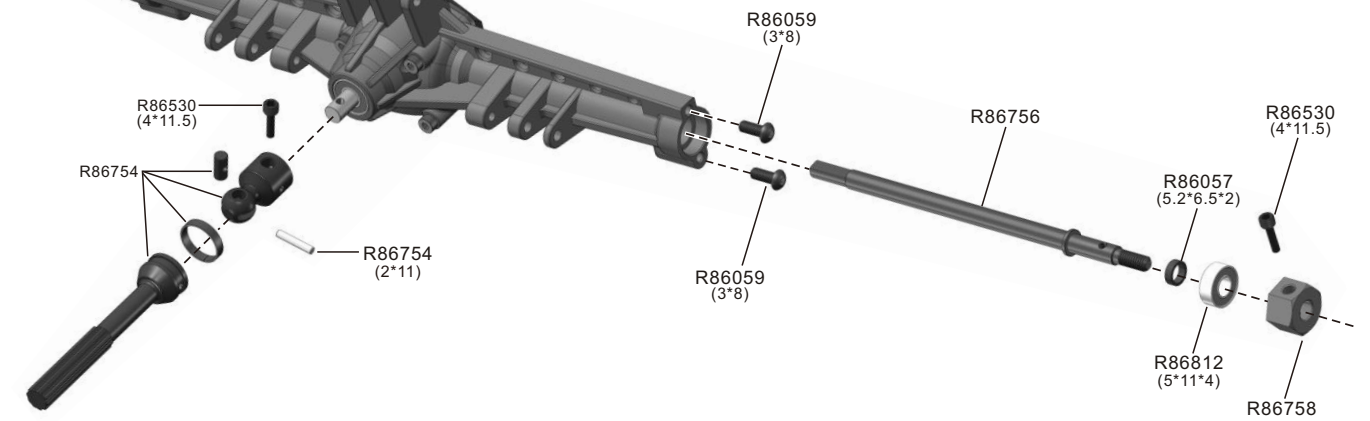
Front Drive Axle Assembly



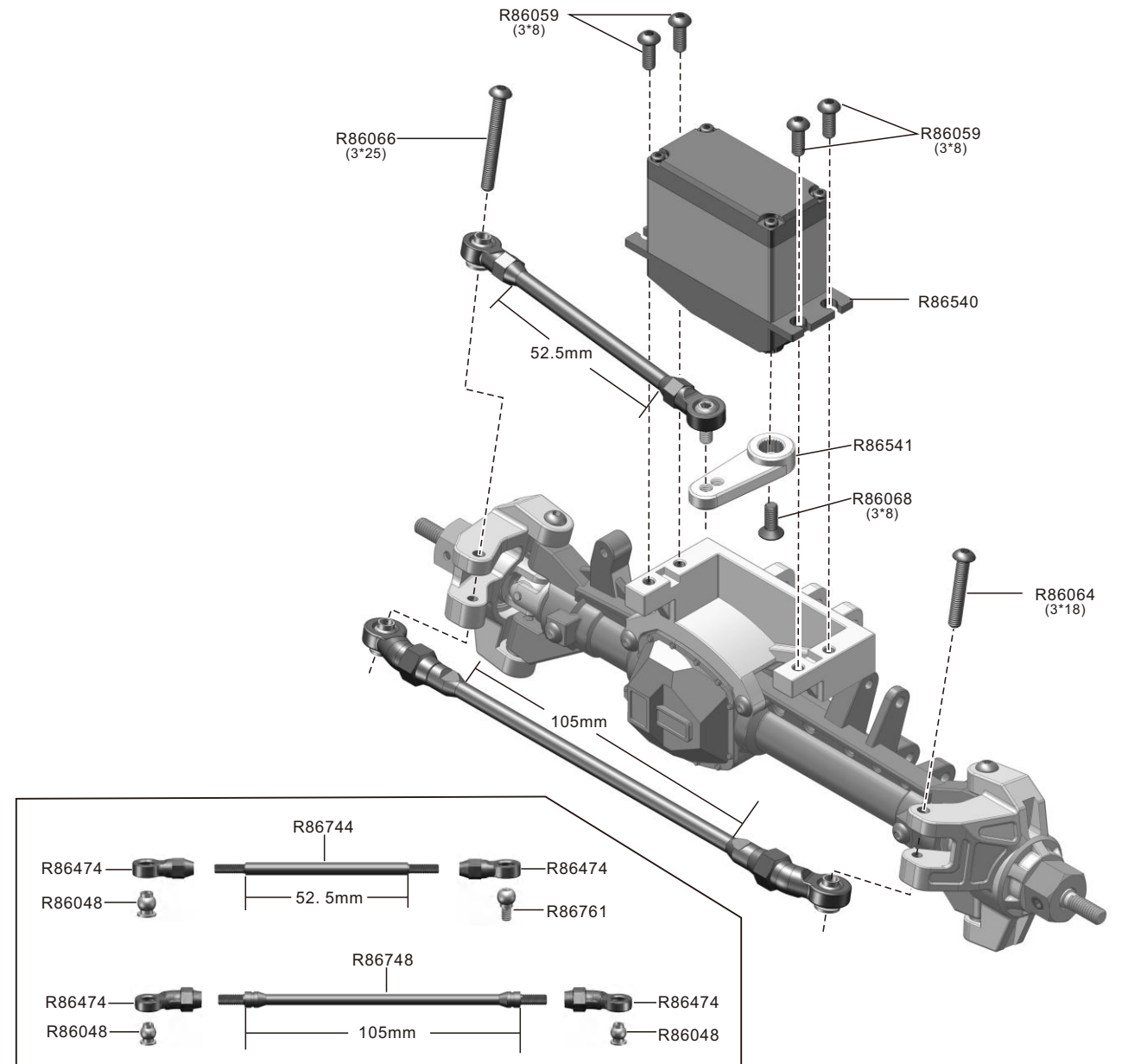
Rear Axle Assembly



Rear Drive Axle Assembly



Steering Servo Assembly



[illegible]

Exploded view diagram of the front suspension assembly. Components and dimensions are labeled:

- Shock absorbers:** R86731
- Control arms:**
 - R86746 (86.5mm)
 - R86747 (90mm)
- Bolts:**
 - R86067 (3*28)
 - R86066 (3*25)

Inset details for control arm end fittings:

- For R86746 (86.5mm):** R86474, R86048, R86049
- For R86747 (90mm):** R86474, R86048

1

R86060 (3"10)

R86724

R86743

R86725

4

R86724

R86061
(3*12)

5

R86017

R86723

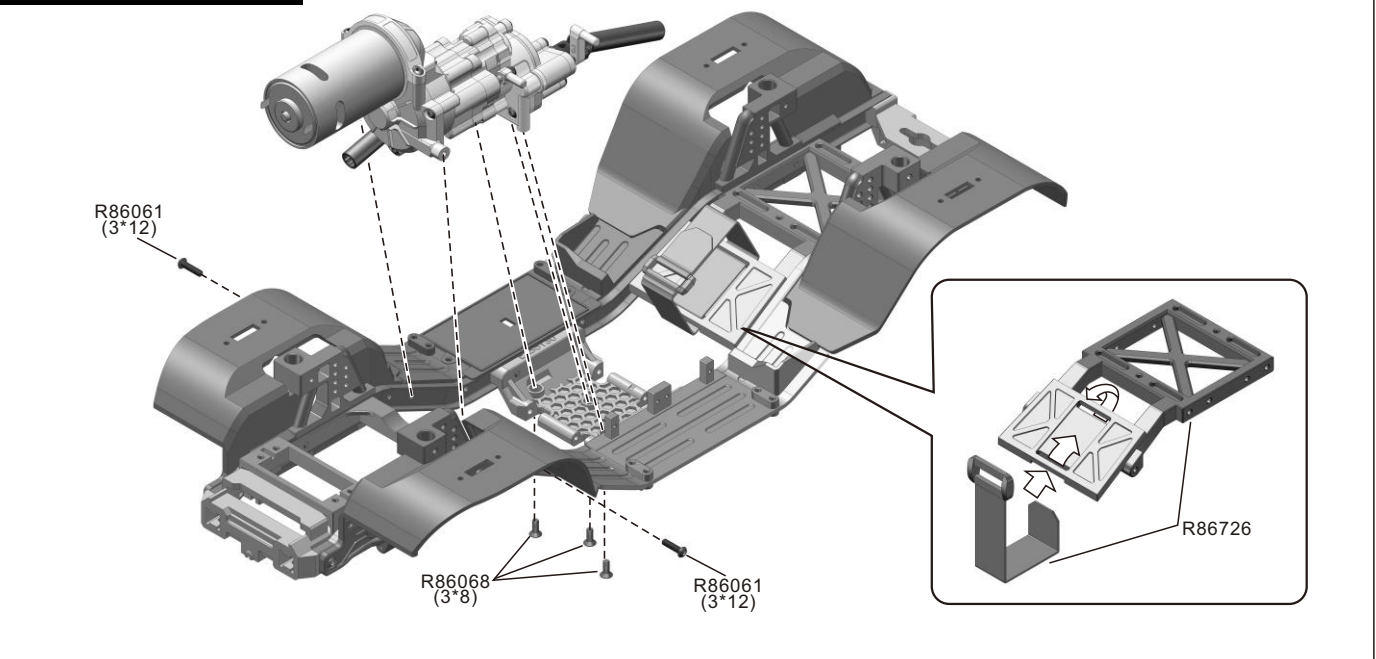
R86059
(3*8)

R86060
(3*10)

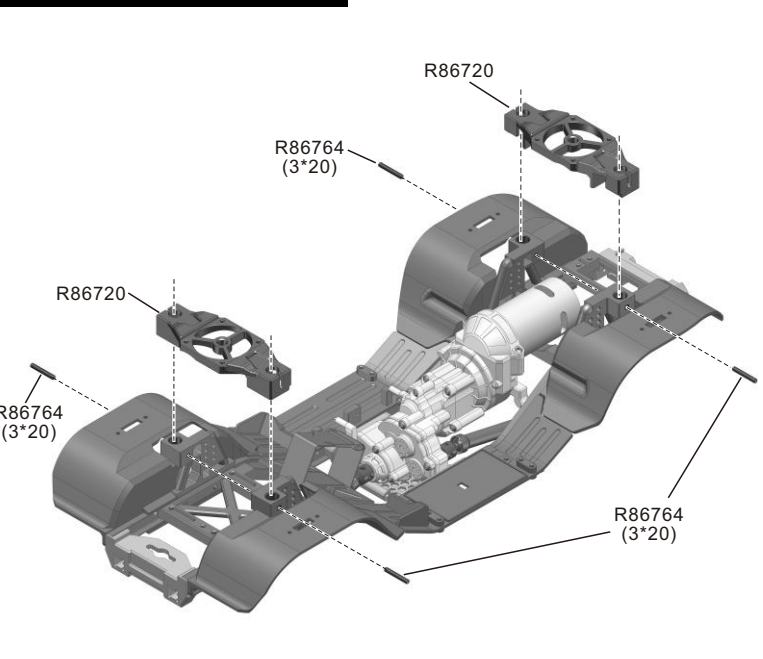
R86061
(3*12)

6

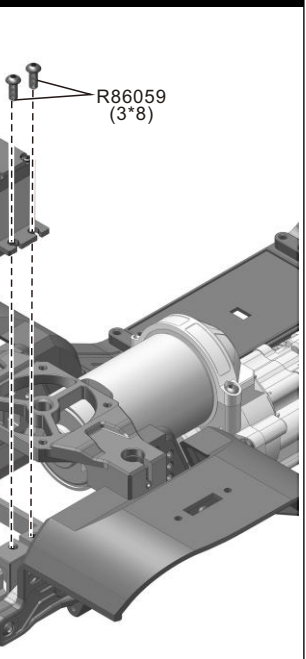
Mounting Center Gear Box



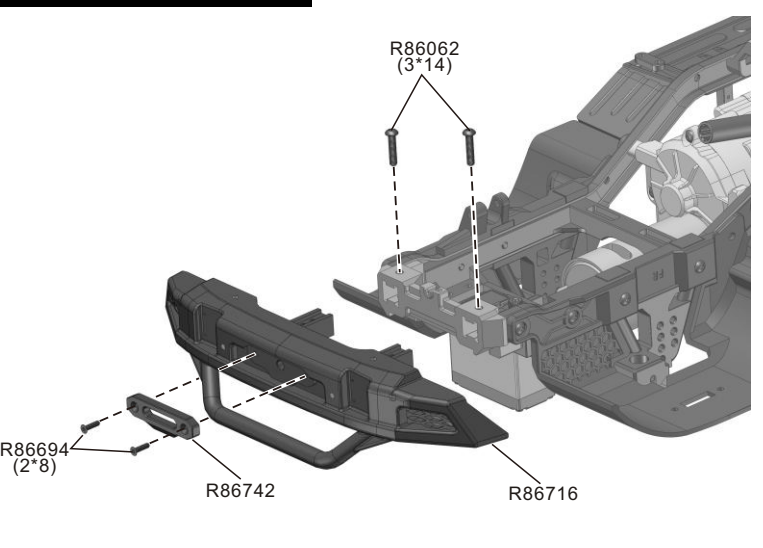
Suspension Connected Plate



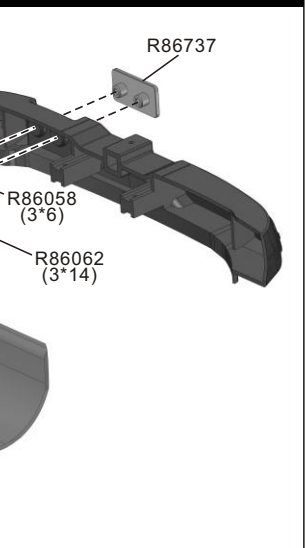
Winch Servo Assembly



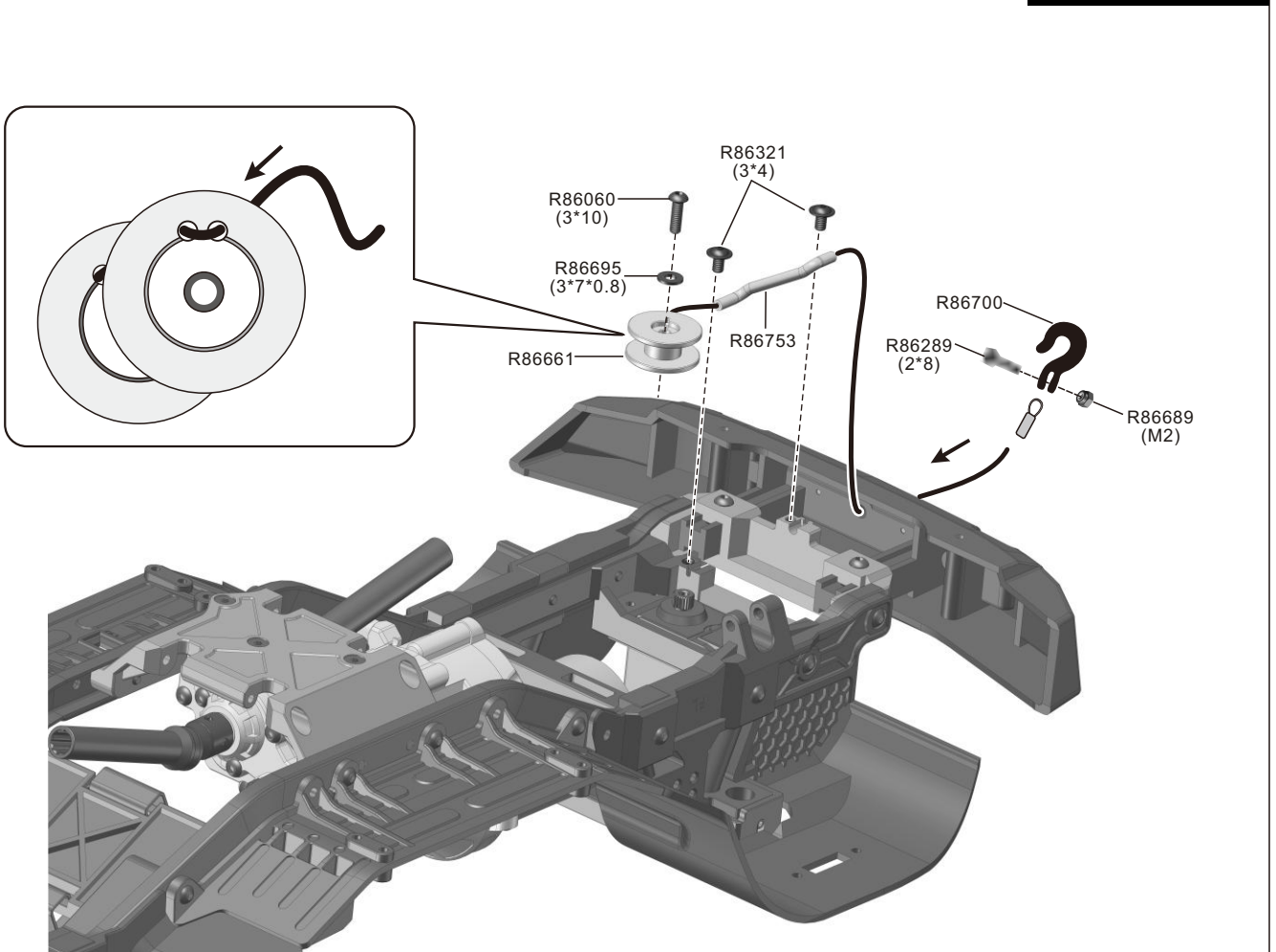
Front Shock Absorber



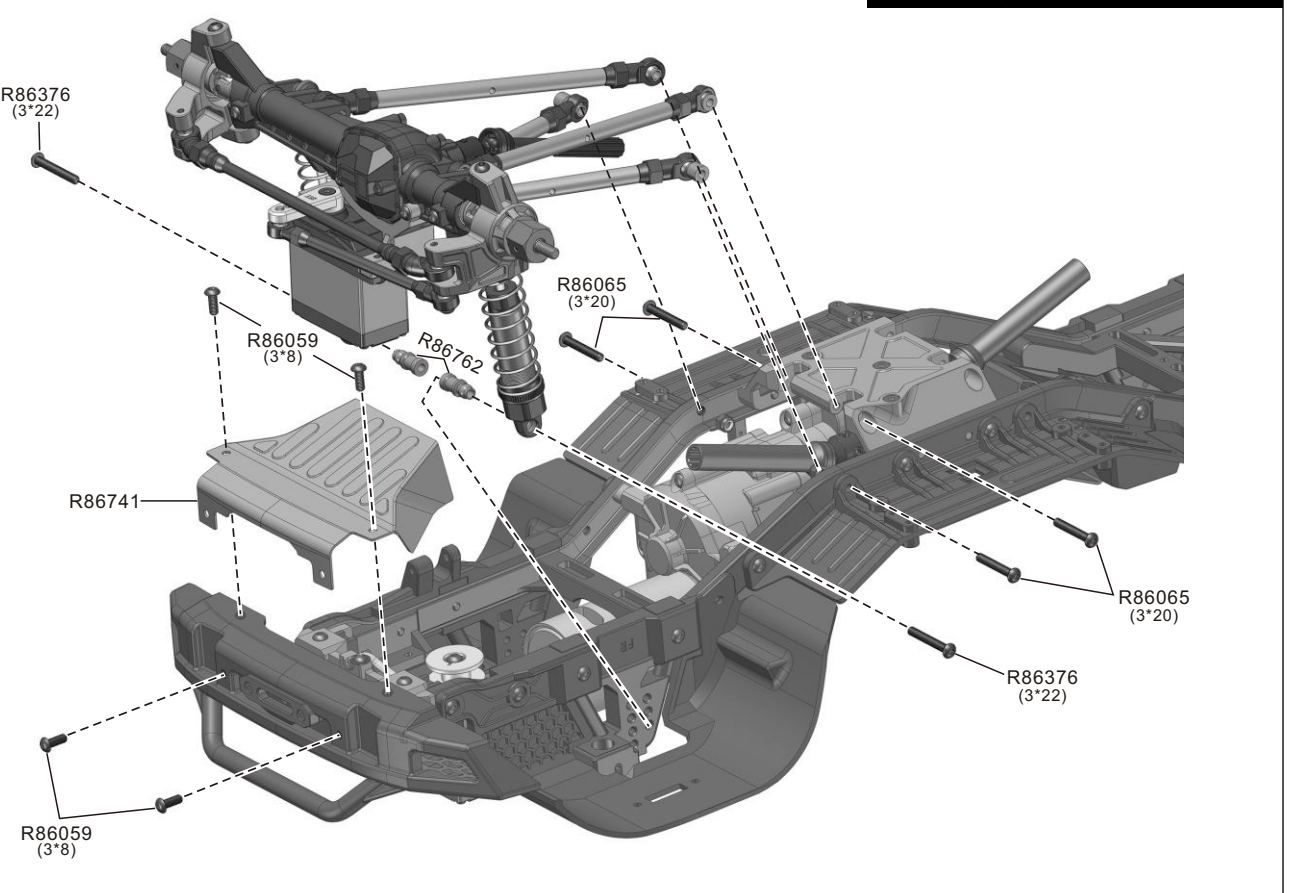
Rear Shock Absorber



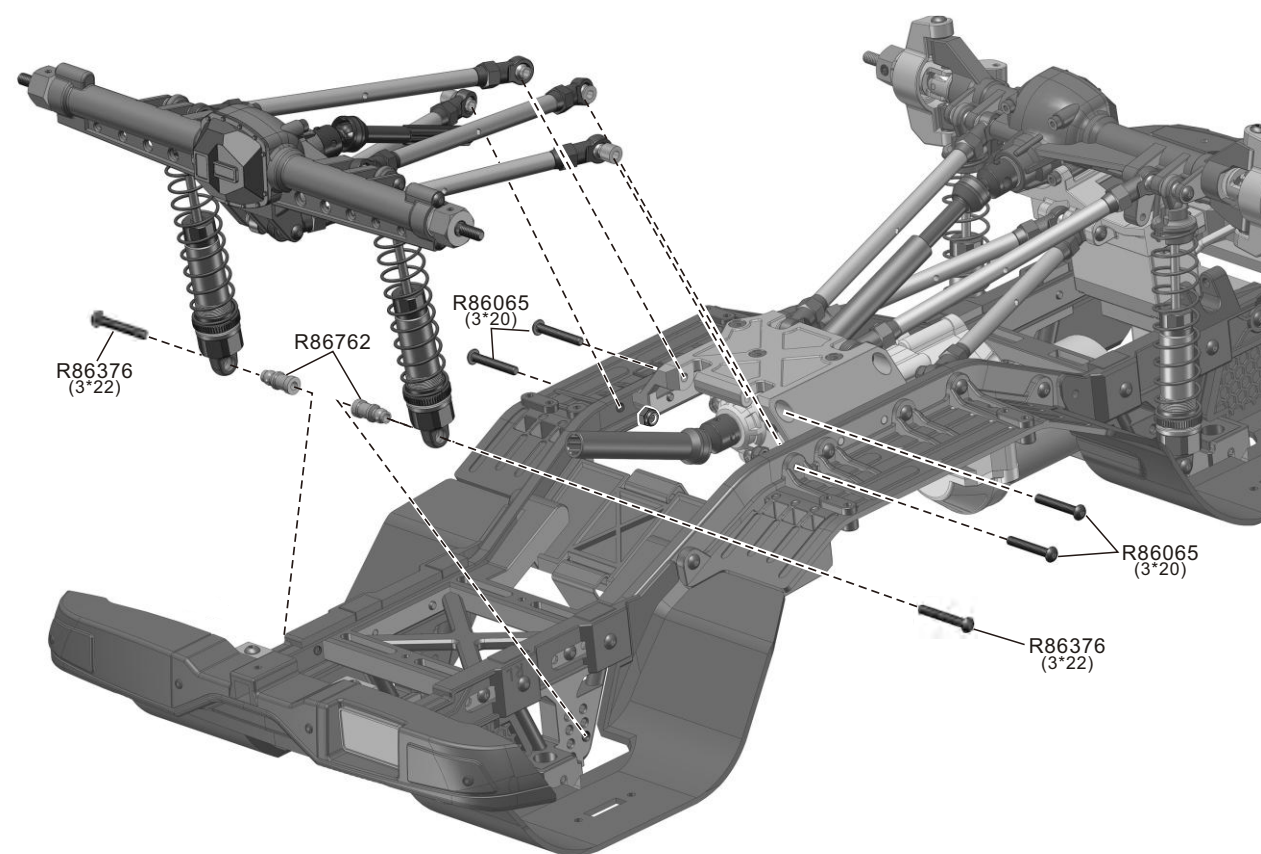
Winch Assembly



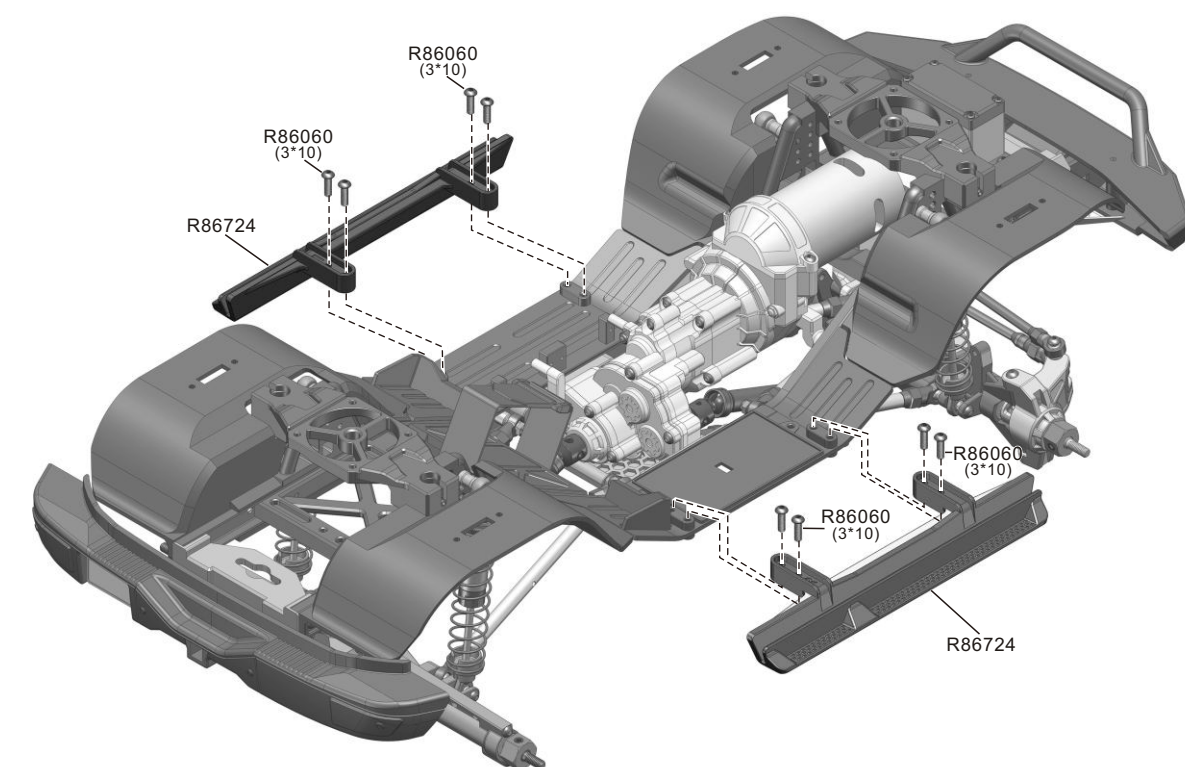
Installing Front Axle Complete



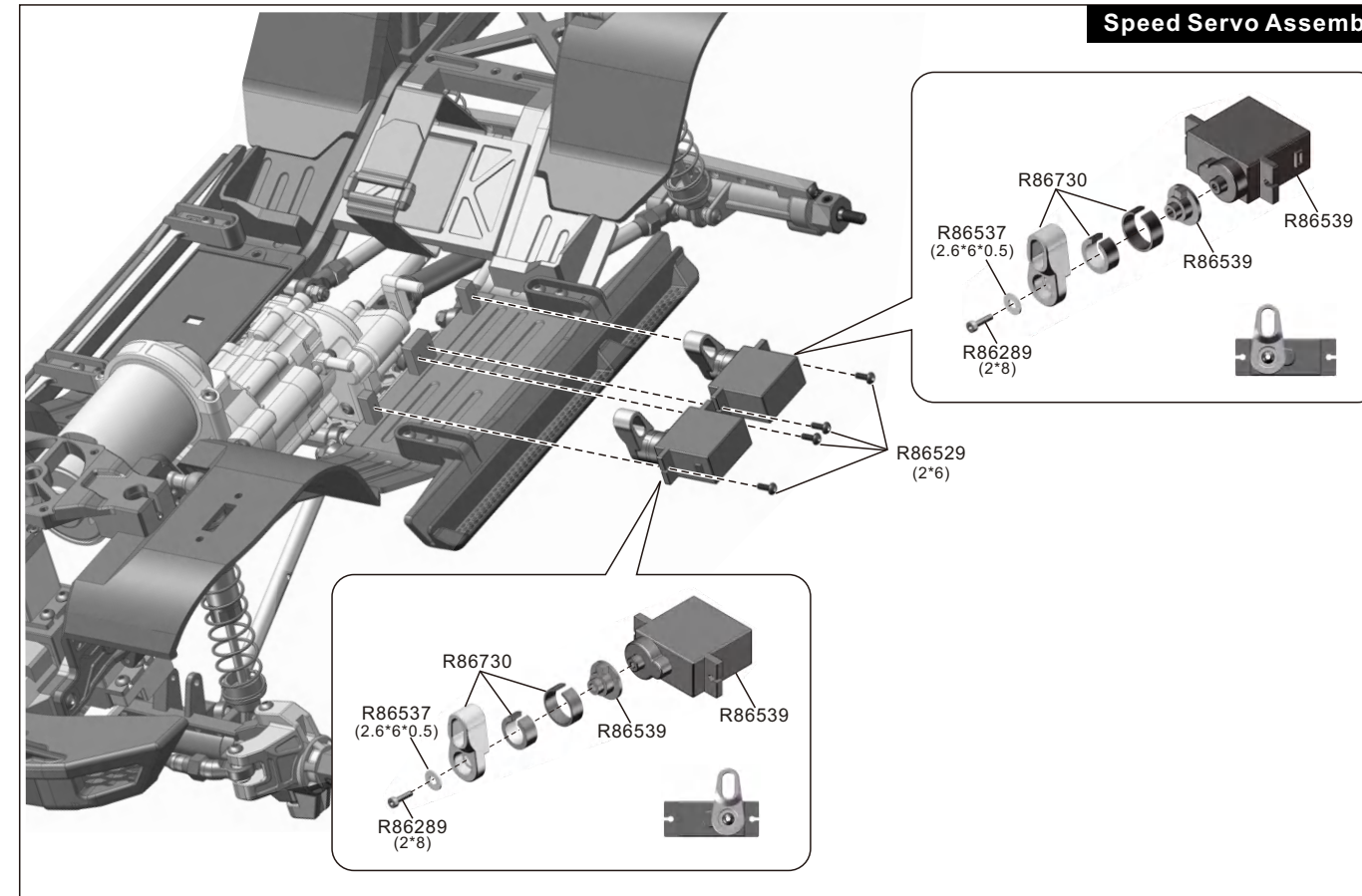
Installing Rear Axle Complete



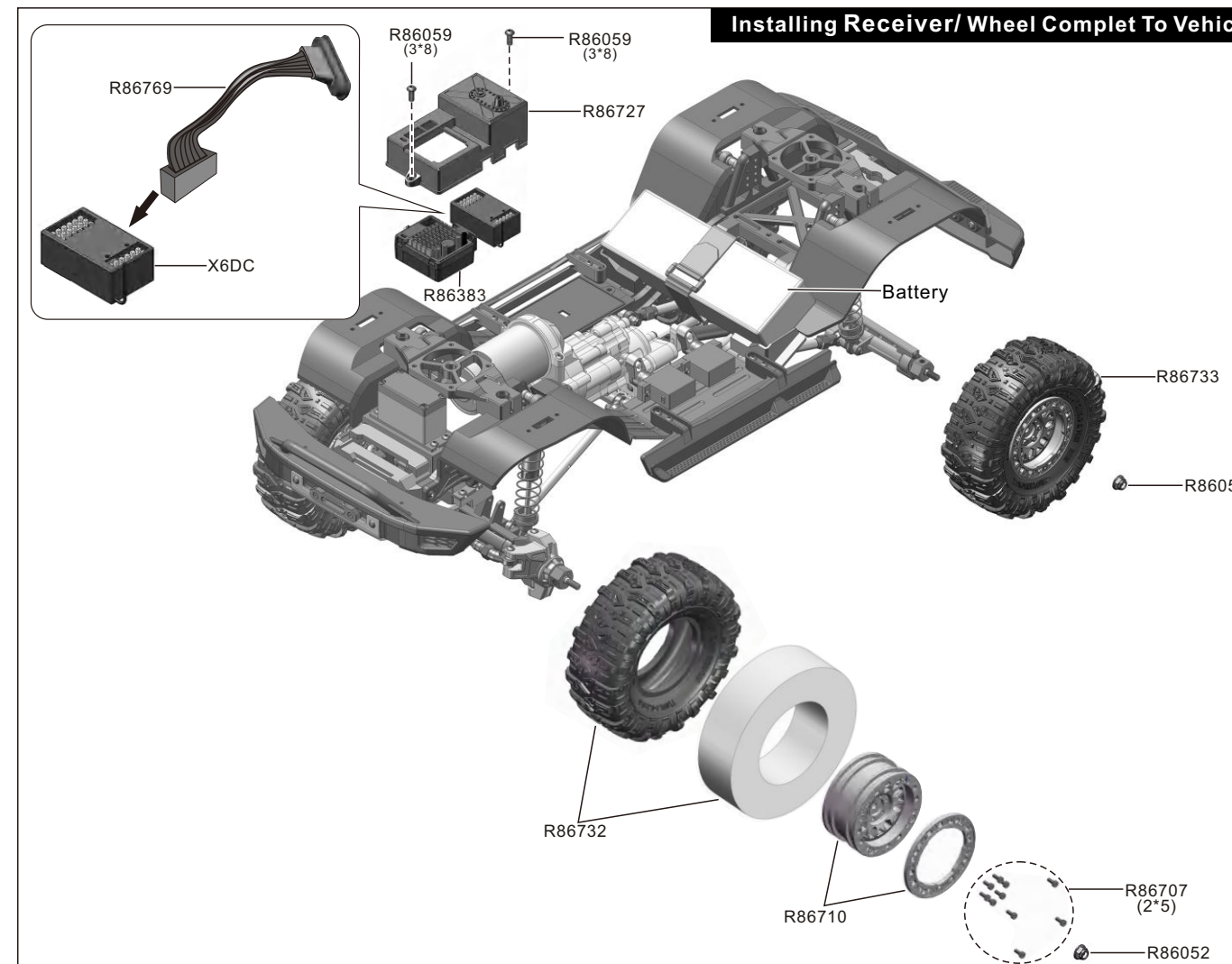
Installing Side Plate(Left/Right)



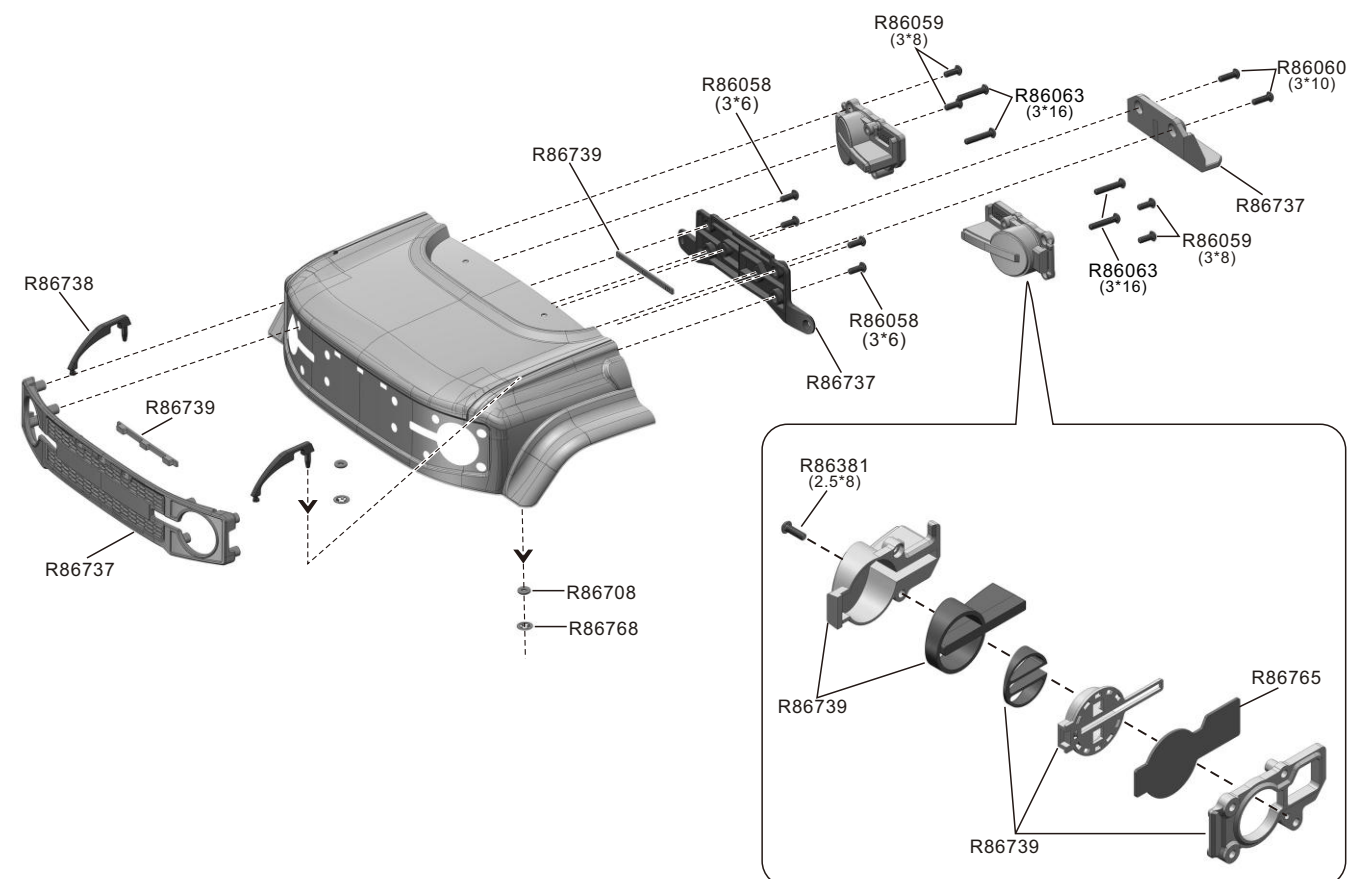
Speed Servo Assembly



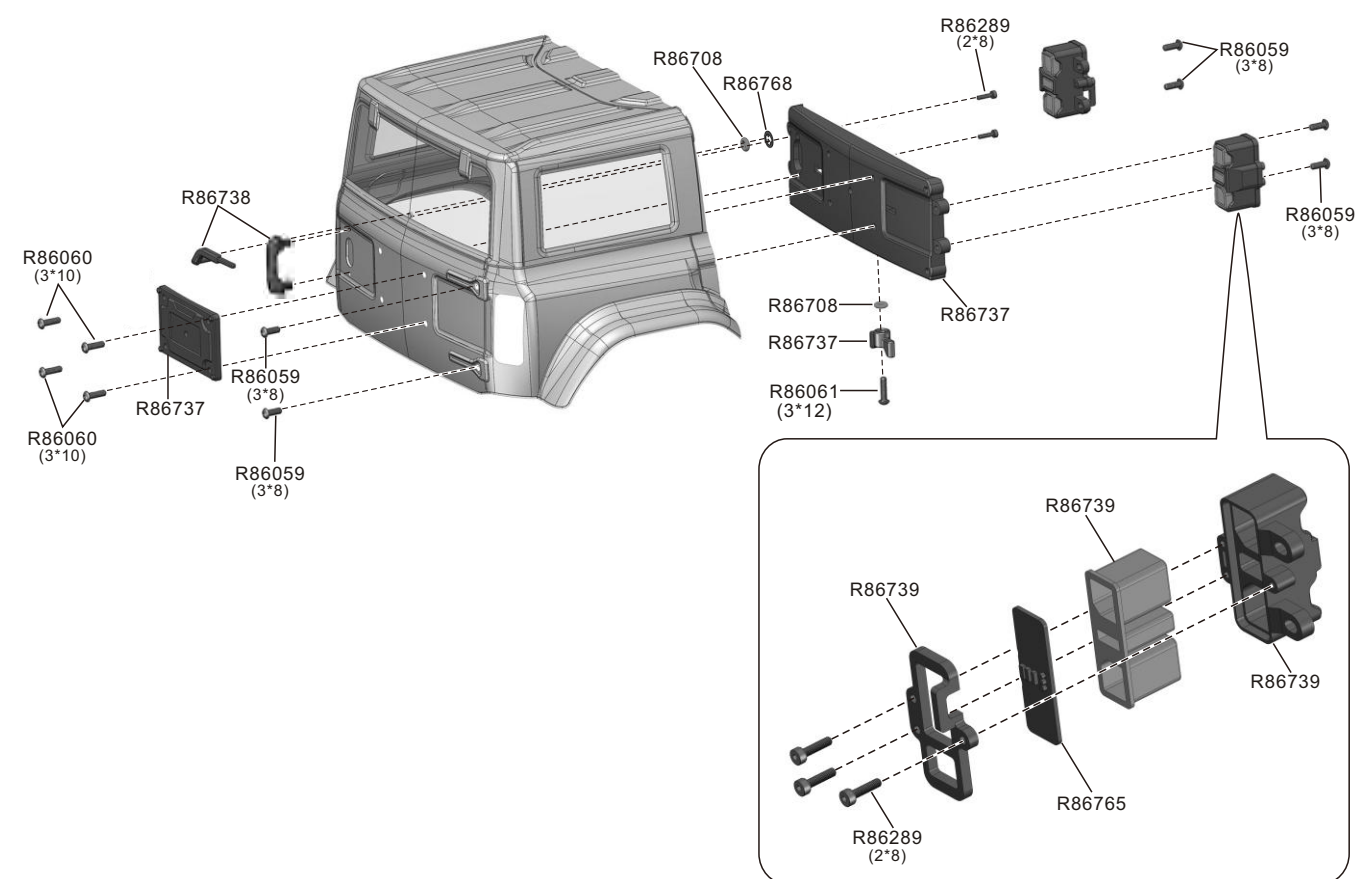
Installing Receiver/ Wheel Complet To Vehicle



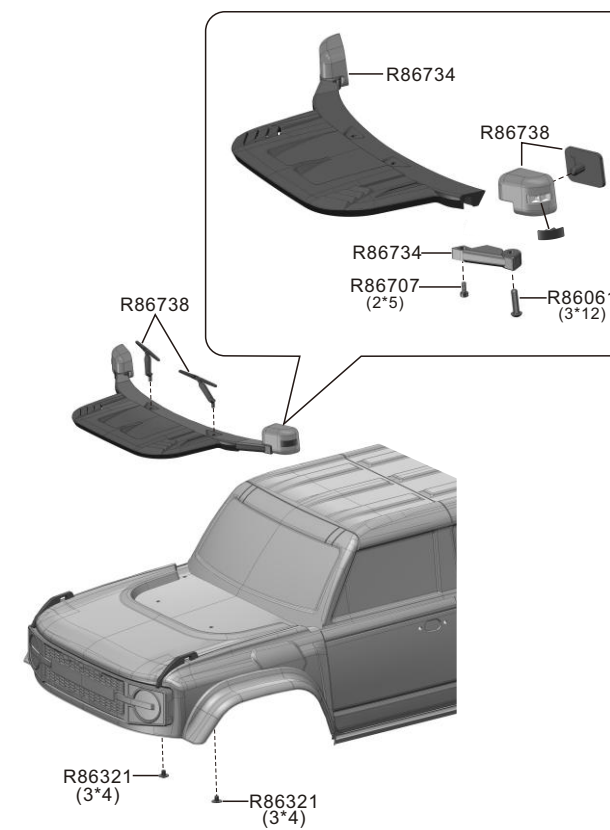
Body Assembly-1



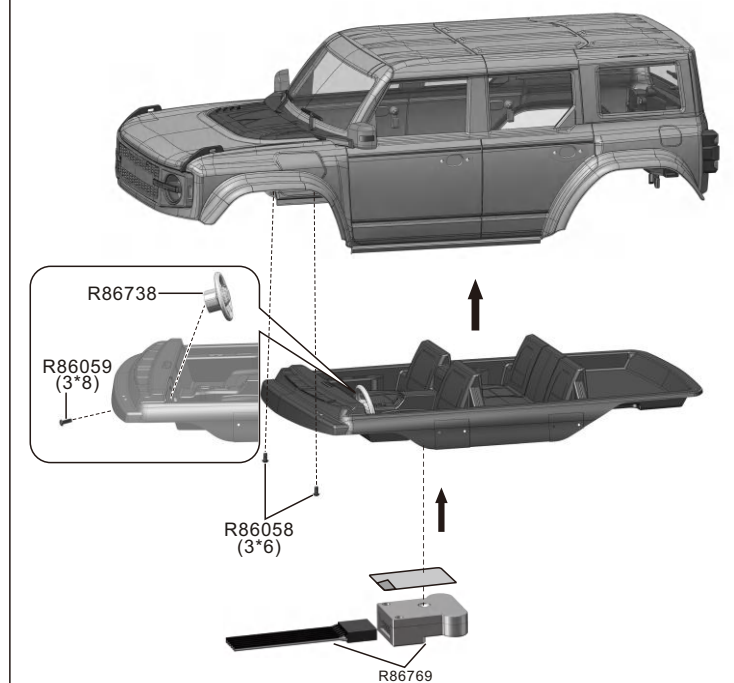
Body Assembly-2



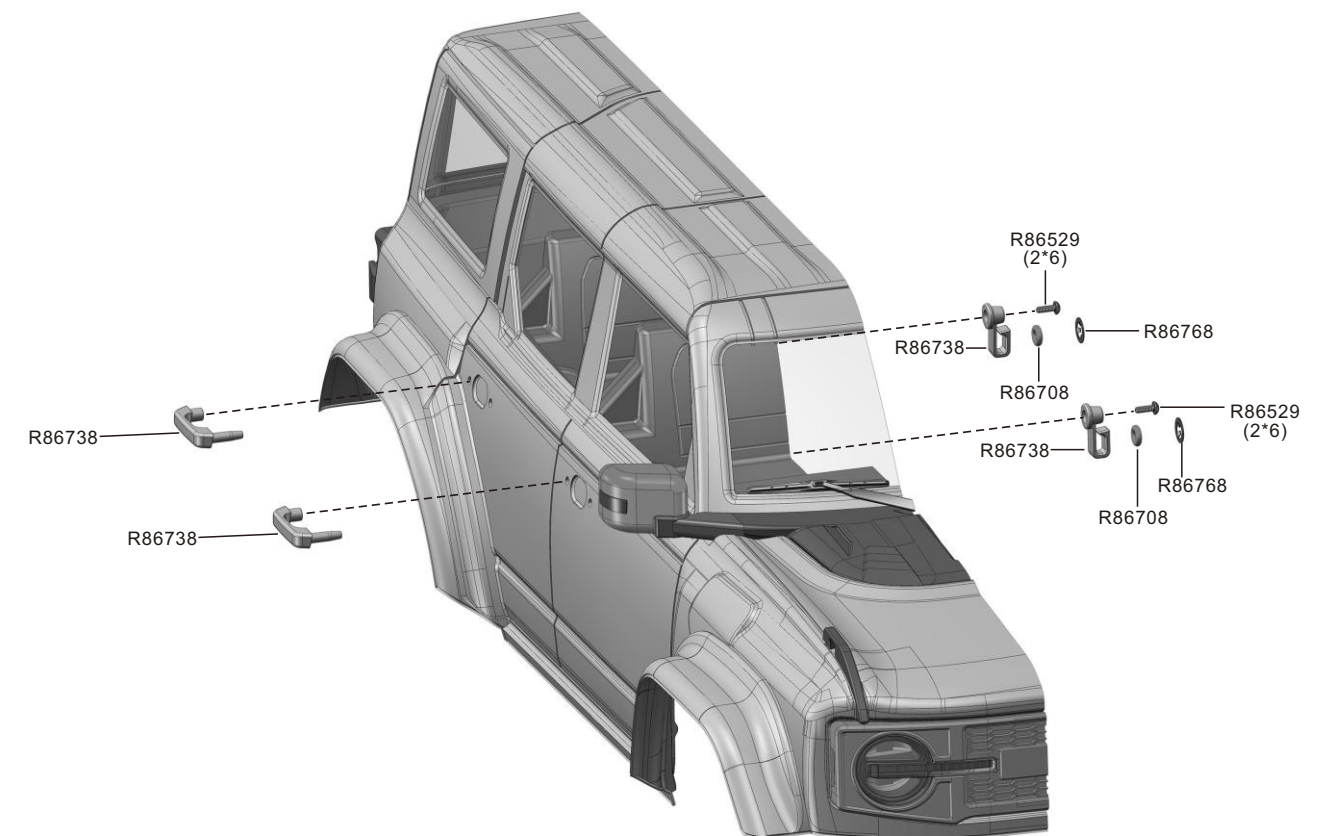
Body Assembly-3



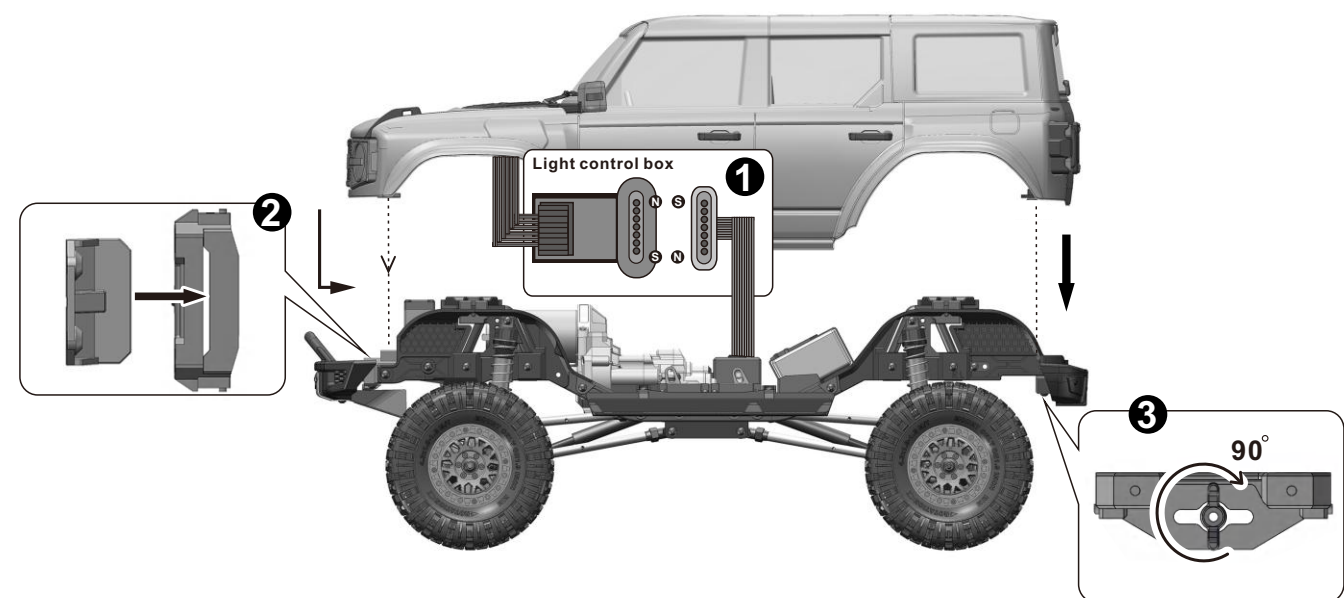
Body Assembly-4








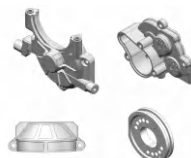
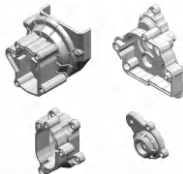










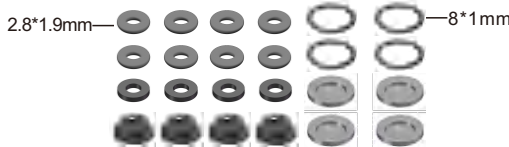
Body Assembly-5



Body Assembly-6

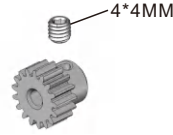



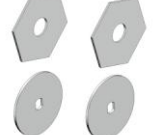





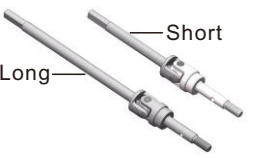


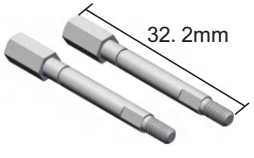
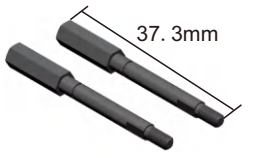










































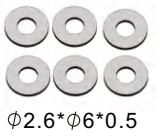



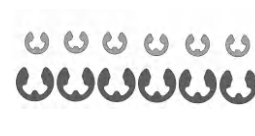






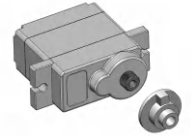
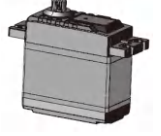
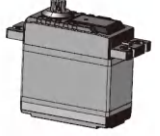

Spare Part

















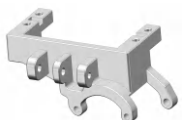



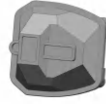

R86716	R86717	R86718	R86719	R86720
				
F/R Bumper+Bumper Mount	Front Axle Box	Rear Axle Box	Steering Mount L/R	Suspension Connected Plate
R86721	R86722	R86723	R86724	R86725
				
transmission case A+E+F	transmission case C+B+D+G	Baffle A(L/R)(F/R)	Baffle B+Foot Pedal(L/R)	Gearbox Plate
R86017	R86726	R86727	R86728	R86729
				
Body Plates(L/R)	Battery Mount	Receiver Mount	Winch Servo Mount	Axle Servo Brace
R86730	R86474		R86708	
				
Dig Servo Parts	Link Ends		Shock Repair Kit(completed car)	

Spare Part

R86731	R86710	R86732	R86615	R86733
Shock Absorbers	Wheel Rim(Matte Silver)	Tire W/Foam (ø 110mm)	Tire W/Foam (ø 120mm)	Wheel Complete L/R (ø 110mm)
R86711	R86734	R86735	PC body+Sticker	
Wheel Complete L/R (ø 120mm)	Engine Cover Kit	Lterior ornaments	R86736-0(Clear) R86736-1(Blue) R86736-2(Red) R86736-3(Green)	
Pre-Assembled PC Body		R86737	R86738	
P86485-0(Clear) P86485-1(Blue) P86485-2(Red) P86485-3(Green)		Body Accessories	Body Assembled Part	
R86739		R86743	R86741	
Bodysell Light Accessories Kit		stainless steel Chassis Rails	Bumper Guard	
R86742	R86744	R86745	R86746	R86747
Winch Mount	Servo Link 52. 5mm	Link 64mm	Link 86. 5mm	Link 90mm
R86748	R86749	R86750	R86751	R86501
Steering Link 105mm	Crown Gear (64T)	Spiral Bevel Gear 8T+30T(F)	Spiral Bevel Gear 8T+30T(R)	Transmission Gear(9T)
R86504	R86752	R86675	R86676	R86677
Transmission Gear(17T)	Transmission Gear(13T)	Gear(15T)	Gear(30T)	Gear(32T)

Spare Part				
R86705	R86506	R86507	R86187	R86514
 Pinion Gear(21T)	 Transmission Slider	 Gear Stick	 Sping	 Slipper Spacer/Plate
R86753	R86754	R86680	R86755	R86756
 Winch Tube	 Drive Axle	 Gear Shaft	 Straight Shaft Holder	 Rear Shaft
R86757	R86681	R86682	R86683	R86684
 Joint Rotation Driveshaft	 Transmission Axle	 Torque limit shaft	 Transmission Block Axle	 Dig Block Axle
R86685	R86686	R86428	R86047	R86812
 Dig Axle	 Distributor Axle	 Ball Bearingφ4*φ8*3	 Ball Bearingφ5*φ10*4	 Ball Bearingφ5*φ11*4
R86759	R86760	R86046	R86048	R86049
 Ball Bearingφ7*φ14*3.5	 Ball Bearingφ5*φ14*5	 Ball Bearingφ10*φ15*4	 Ball Stand φ5.9mm(Short)	 Ball Stand φ5.9mm (Long)
R86761	R86762	R86689	R86528	R86051
 Ball Stand φ5.8mm	 Shock Balls	 Nylon Nut M2	 Nylon Nut M2.5	 Nylon Nut M3
R86052	R86381	R86443	R86058	R86059
 Flange M4 Lock Nut	 Button Head 2.5*8	 Button Head 3*4	 Button Head 3*6mm	 Button Head 3*8mm

Spare Part				
R86060	R86061	R86062	R86063	R86064
 Button Head 3*10mm	 Button Head 3*12mm	 Button Head 3*14mm	 Button Head 3*16mm	 Button Head 3*18mm
R86065	R86376	R86066	R86067	R86529
 Button Head 3*20mm	 Button Head 3*22mm	 Button Head 3*25mm	 Button Head 3*28mm	 Button Head Self-tapping 2*6mm
R86530	R86707	R86289	R86693	R86763
 Step Screws 4*11.5mm	 Cap Head 2*5mm(Black)	 Cap Head 2*8mm	 Cap Head 2.5*18mm	 Cap Head 2.5*20mm
R86694	R86068	R86321	R86054	R86764
 Flat Head 2*8mm	 Flat Head 3*8mm	 Flange Head Screws 3*4	 Crub Screw Bolt 4*4mm	 Crub Screw Bolt 3*20mm
R86537	R86695	R86696	R86057	R86594
 Metal Washer φ2.6*φ6*0.5	 Metal Washer(3*7*0.8)	 Gasket(5.1*6.5*3)	 Gasket(5.2*6.5*2)	 E-Clips-φ2.3mm*6P E-Clips-φ4mm*6P
R86758	R86045	R86706	R86768	R86661
 Wheel Hex.	 King Pin Bushing	 Pin -2*10mm*6P Pin -2*7.5mm*6P Pin -2*12mm*6P	 clip kits(12pcs)	 Winch Spool
R86700	R86539	R86688	R86540	R86541
 Alloy Wire Clip Steel Wire+Wire Hook	 Dig Servo 9G /7.4V	 Winch Servo 25KG(360°)	 Steering Servo 25KG	 Servo Horn(25T)

Spare Part				
R86697	R86338	X8E(GS08)-150	X6DC	R86765
 Motor-550/6235	 ESC -60A	 Radio/Receiver	 Receiver	 Light set
R86769				
 Magnetic Adapter Cable				
Optionals Part				
R86621	R86624	R86625	R86571	R86770
 "Hobbywing QUICRUR" 80A custom crawler ESC and 570-35 T crawler motor. Upgrade power Kit	 RGT crawler motor 570/35T	 ESC-80A	 Crawler Battery (7.4V6200mAh/Plug:T)	 9g/7.4v servo with metal gear
R86740	R86766	P860065	P860066	P860122
 Spare Tire Mount	 Wheel Complete	 Wheel (AL.)	 Wheel (AL.)	 Motor Mount(AL.)
P860123	P860124	P860125	P860126	P860127
 Axle Servo Brace(AL.)	 Gearbox Plate(AL.)	 Rear Axle L/R Housing Weight Set 80g (COPPER)	 Steering Mount L/R Housing Weight Set 108g (COPPER)	 Gear Boxlid Housing Weight Set 41g (COPPER)
P860128				
 Steering Mount L/R Housing Weight Set 45. 5g (COPPER)				



PRODUCT QUALIFICATION CERTIFICATION

The product has conducted IQC (Input Quality Control) and full inspection before delivery. The manufacturer is responsible for quality assurance. Remote Control model is assembled manually, and then there may have some defects in the production process. Once the product is modified or incorrect operation, it cannot apply for replacement and return services, for the parts and accessories may be damaged. Please contact the retail seller for after-sales service when needed.

The product conforms to technical requirements of export safety regulations.

Factory Address: Huang Jiang Town, Dong Guan City, Guang Dong Province, China
 Website: www.RGT-RACING.Com

Production Date: refer to packing instruction