

TRMT8E V2

1/8th Scale Monster Truck

Instruction Manual

MAN-TRMT8E.V2-2018.9.06



- 1:8**
1:8 SCALE
OFF-ROAD
- WATERPROOF**
ELECTRONICS
- BRUSHLESS**
MOTOR
- 2.4 GHz**
RADIO SYSTEM
- 4x4**
4 WHEEL DRIVE



To ensure that you are using the most recent version of this manual:
www.redcatracing.com/manuals/TRMT8EV2MANUAL.pdf



WARNING!

AGE WARNING!

- ▶ This radio controlled (RC) vehicle is not a toy! You must be 14 years of age or older to operate this vehicle. Adult supervision is required.

RISK OF RUNAWAY VEHICLE OR INJURY!

- ▶ Never turn on the vehicle or plug in the battery pack without first having the controller turned on.

RISK OF FIRE!

RISK OF EXPLOSION!

- ▶ There is a risk of fire and explosion when dealing with batteries. Rechargeable batteries may become hot and catch fire if left unattended or charged too quickly.
- ▶ Use extra caution when charging LiPO batteries. Use only LiPO specific chargers. Use a LiPO safe charging pouch when charging LiPOs. Charge away from flammable materials.
- ▶ Never charge at a rate higher than 1 C. (2000Mah pack= 2amps charge rate). Overcharging can lead to fire and explosion. Always store battery packs in a cool dry place.
- ▶ Never leave the battery plugged into the ESC when the vehicle is not in use.
- ▶ Never connect two batteries to one another.

RISK OF BURNS!

- ▶ The batteries, electronic speed controller (ESC), electric motor, and other areas of the vehicle can get hot. Burns can occur if touched after vehicle operation.
- ▶ Allow adequate time to cool before handling.

RISK OF ELECTRICAL SHOCK!

- ▶ Use caution when charging batteries. Do not touch positive and negative leads together.
- ▶ Do not lay battery on metal. Use only chargers specified for the battery type being charged.
- ▶ Keep batteries and chargers away from water.

RISK OF INJURY!

- ▶ Hobby grade RC vehicles can cause serious injury or death if not operated correctly.
- ▶ Never use vehicle in crowds. Never chase people or animals. Only drive in safe open areas.
- ▶ Keep body parts away from moving parts.

RISK OF DAMAGE!

- ▶ Never operate RC vehicles on public roads. Damage of vehicle and property can occur. Only operate on open private property.
- ▶ Never charge the battery pack while it is still plugged into the RC vehicle. Always unplug the battery pack from the electronic speed controller (ESC) and remove the battery from the RC vehicle before charging. Failure to do so will result in damage to the vehicle's electronics and void the electronics warranty.

RISK OF RUNAWAY VEHICLE OR INJURY AND DAMAGE!

- ▶ Do not mix old and new batteries. Do not mix alkaline, lithium, standard (carbon zinc), or rechargeable (nickel cadmium) batteries. Do not change or charge batteries in a hazardous location. Only use new AA batteries in your radio transmitter. Replace transmitter batteries often to ensure full control of the vehicle.
- ▶ Perform a radio range check BEFORE running your RC vehicle to avoid a runaway vehicle.

FCC COMPLIANCE STATEMENT!

- ▶ The radio included with your vehicle complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operations.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

- ▶ **WARNING:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
- ▶ **WARNING:** While operating the Radio, a separation distance of at least 20 centimeters must be maintained between the radiating antenna and the body of the user or nearby persons in order to meet the FCC RF exposure guidelines.



Perform a radio range check:

- ▶ Install new AA batteries into the bottom of the transmitter.
 - ▶ Turn on the transmitter.
 - ▶ Turn on the ESC power switch, which is found in the vehicle.
 - ▶ Check that the controls are working properly.
 - ▶ Keep fingers away from potentially moving parts and hold the vehicle off the ground.
- Note: Always turn on the transmitter first to prevent runaways.**
- ▶ Check that the controls are working properly. The steering wheel should operate the steering and the trigger should operate the motor. Pulling the trigger should make the vehicle go forward, pushing the trigger should apply the brake and reverse. You may need to adjust the throttle trim found on the transmitter to keep the wheels from spinning while the trigger is in the neutral position.
 - ▶ Have a buddy hold the vehicle and walk 50 yards away. You and your buddy should decide on a routine beforehand, since it will be difficult to communicate with each other while testing. An example would be:
 - ▶ Turn the steering wheel left and count to ten
 - ▶ Turn the steering wheel right and count to ten
 - ▶ Pull the trigger and count to ten
 - ▶ Push the brakes and count to ten.
 - ▶ You will want to repeat these steps moving further out as you progress until you are beyond the maximum distance you plan to run the vehicle.
 - ▶ If the radio performed without any glitches or twitching at maximum distance, you are ready.

Water Warning:

- ▶ After vehicle gets wet, please unplug the ESC from the battery to avoid putting users in danger. Also, rust proofing the bearings and metal parts is highly recommended.



- ▶ If you feel driving in water is necessary, please seal all holes in the tires and rims before performing this action to prevent the tire foam from absorbing water inside the tires.



Adjustable Pillow Balls

Adjustable Pillow Balls

Oil Filled Shocks

Battery Box

Motor

ON/OFF Switch

Oil Filled Shocks

LED Lights

ESC

LED Lights

Oil Filled Shocks

Oil Filled Shocks

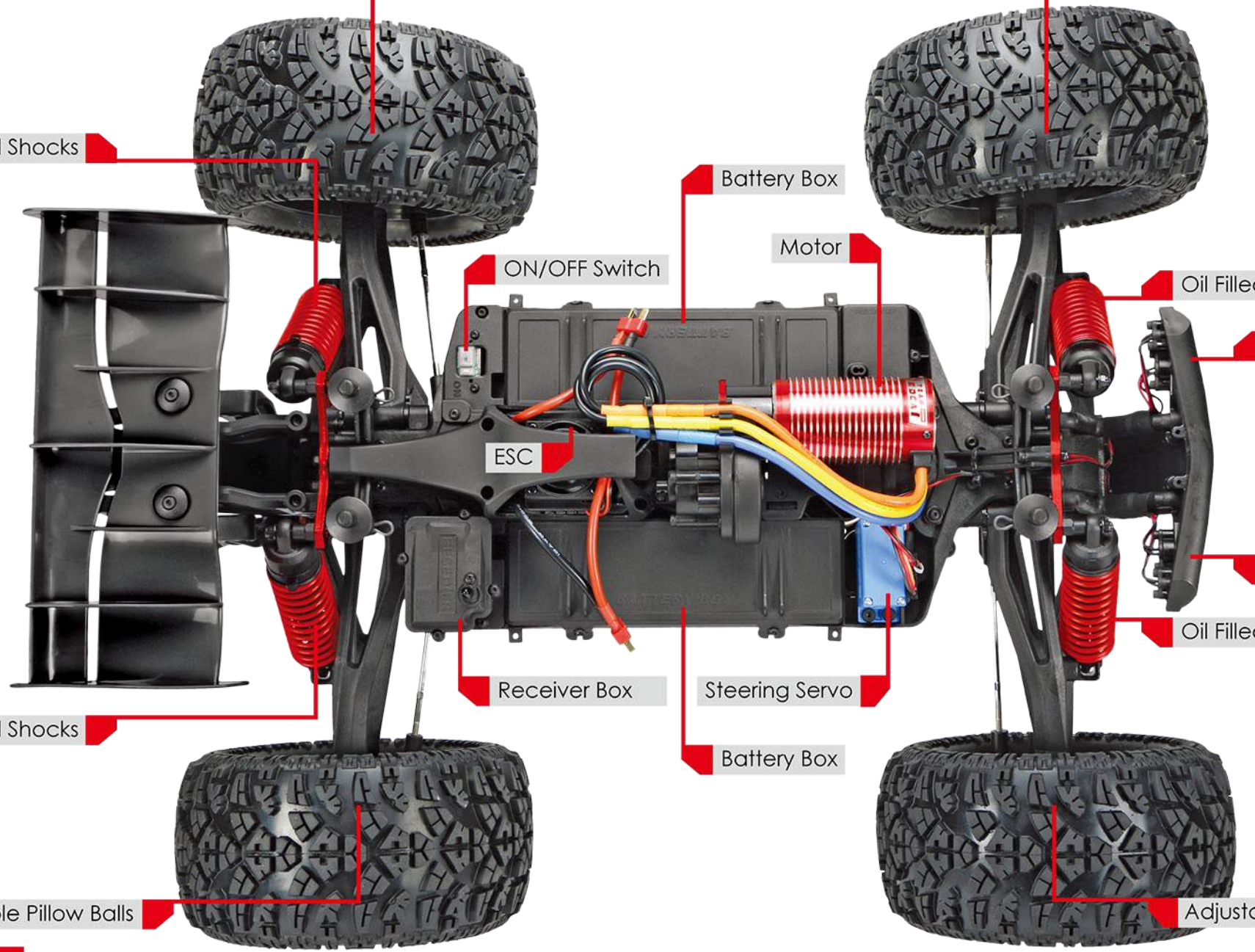
Receiver Box

Steering Servo

Battery Box

Adjustable Pillow Balls

Adjustable Pillow Balls





Thank you for choosing the Team Redcat TRMT8E-V2. The TRMT8E-V2 is designed to be fast and fun to drive. The TRMT8E-V2 uses top quality parts for performance and durability. Before you start using your new RC kit, we suggest you read through the entire instruction manual first. Be sure to check all tips before you start. We hope you enjoy your new Team Redcat RC.

Features:

- ▶ Factory assembled
- ▶ Bright LED Lights included
- ▶ Reinforced Differentials
- ▶ Hardened Steel Driveshafts
- ▶ Stylish Body
- ▶ Large Wheels and Tires
- ▶ Rear Wing and Wheelie Bar
- ▶ High Quality Ball Bearings
- ▶ Super Strong, Long Travel Suspension
- ▶ Adjustable Turnbuckles
- ▶ Center Driveshaft Dust Cover

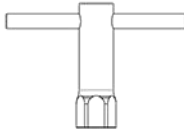
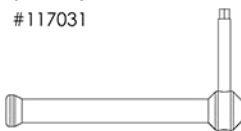
Specifications:

- ▶ 1/8 4WD EP Monster Truck (RTR)
- ▶ Ground Clearance: 88mm
- ▶ Weight: 4980g
- ▶ Length: 560mm
- ▶ Width: 440mm
- ▶ Wheelbase: 350mm
- ▶ Height : 260mm
- ▶ Wheel Track : 440mm
- ▶ High Torque 2200KV Brushless Motor
- ▶ Heavy Duty Waterproof 150A 6S ESC
- ▶ Savöx Heavy Duty Waterproof Servo
- ▶ 2.4GHz Radio System

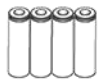
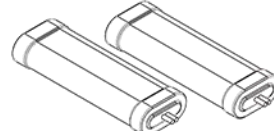



Thank you for purchasing the TR-MT8E-V2. To drive the vehicle, you will need to acquire the following items.


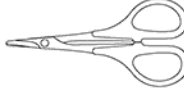
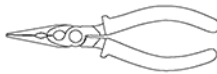




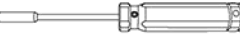
1 Included tools

- Cross Wrench (17mm) 
- L Type Hex Wrench (2.5mm) #117031 

2 Required items

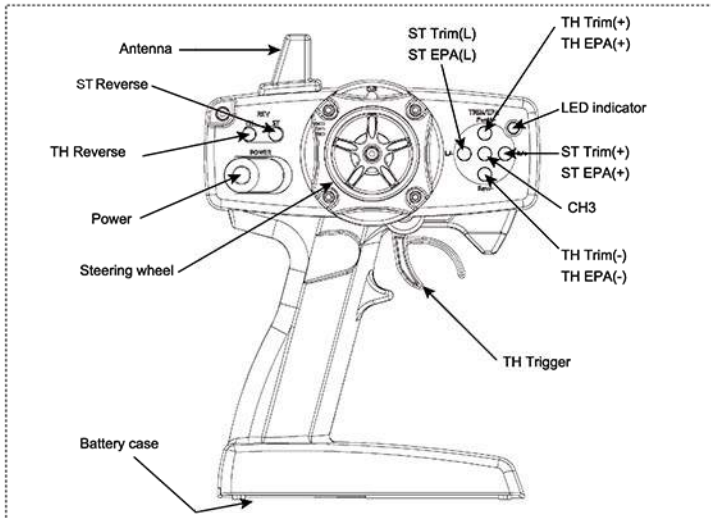
- AA Alkaline Or Rechargeable Batteries For Transmitter, 4pcs 
- 3S 11.1v Rechargeable Lipo Battery Pack X 2 
- LIPO Battery charger 

3 Helpful equipment

- Hobby Knife (Warning!! This knife cuts nylon parts and fingers with equal ease. Be careful.) 
- Body Scissors (for body cutting) #116006 
- Needle nose Pliers 
- Hex Wrench Metric Size 1.5mm #117057-1 
- Hex Wrench Metric Size 2.0mm #117057-2 
- Hex Wrench Metric Size 2.5mm #117057-3 
- Hex Wrench Metric Size 3.0mm #117057-4 
- Nut Driver 5.5mm (for 3mm nut) #117010 

Instruction & Setup Manual

1 Transmitter Function



2 Operating Procedure

01

- Install 4pcs AA batteries into the transmitter.
- Do not mix old and new batteries. Do not mix alkaline batteries, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.

02

- Turn the steering wheel right to steer the front tires right.
- Turn the steering wheel left to steer the front tires left.

03

- Pull the throttle trigger to move the vehicle forward.
- Push the throttle trigger forward to brake and reverse the vehicle.



3 Binding (connecting the receiver to transmitter)

Binding the Receiver to the Transmitter

"Binding" is tuning the receiver to the frequencies used by the transmitter. Bind the receiver to the transmitter as follows:

1. With both transmitter and receiver turned off, place the units no more than 30 cm (1 ft) apart.
2. While holding down the receiver's BIND button, power on the ESC. The receiver's LED will start to flash steadily, indicating that the unit is in binding mode, a state that lasts up to 30 seconds.
3. Turn the transmitter on. It will immediately go into binding mode, a state that lasts one second.
4. When the receiver's LED shines steadily, binding is complete.

ESC Features

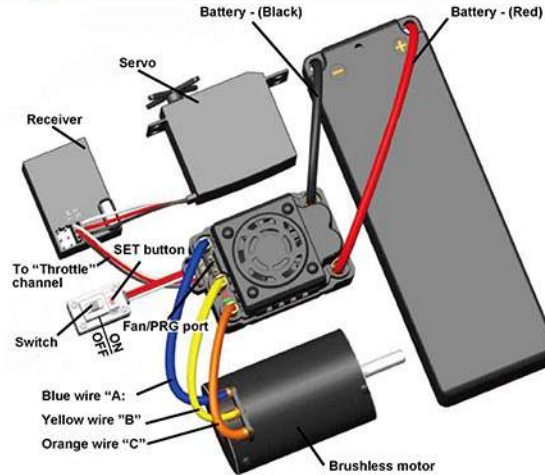
- ▶ Completely water-proof and dust-proof. (Please remove the cooling fan when running in water, and after running, clean and dry the ESC to avoid the oxidation of copper connectors)
- ▶ External programming port (EPP) also works as the cooling fan connector. Unplug fan to plug in programming card.
- ▶ The built-in switching mode BEC has powerful output to supply all electronic equipment.
- ▶ Proportional ABS brake function, with 5 steps of maximum brake force adjustments and 8 steps of drag-brake force adjustments. Also compatible with mechanical disc-brake systems.
- ▶ Multiple protection features: Low voltage cut-off protection / Over-heat protection / Throttle signal loss protection / Motor blocked protection.
- ▶ Easily programmed with the SET button of the ESC and also compatible with pocket sized programming card.

ESC Specifications

Model	WP-8BL150-RTR
Cont./Burst Current	150A/950A
Motor Supported	Sensored Brushless Motors Sensorless Brushless motors (only in sensorless mode)
Cars Applicable	1/8 SCT/Buggy/Truggy/Truck
Motor Limit	4S Lipo: KV≤3000 (4274 size) 6S Lipo: KV≤2400 (4274 size)
Resistance	0.00035 ohm
Battery	8-18 cells NiMH 3-6S LIPO
BEC Output	<i>Note1</i> 6V/5A Switch mode
Dimensions	59.5(L) x 48(W) x 42(H)
Weight (With Wires)	178g

NOTE 1 : The cooling fans of ESC is supplied by the built-in BEC, so it is always working under 6V.

ESC Connections



Programable Items List

(The *italics* text in the following form are the default settings)

Programmable Items	Programmable Value								
	1	2	3	4	5	6	7	8	9
1. Running Mode	Forward with Brake	<i>Forward / Reverse with Brake</i>	Forward and Reverse						
2. Drag Brake Force	0%	5%	10%	20%	40%	60%	80%	100%	
3. Low Voltage Cut-Off Threshold	Non-Protection	2.6V / Cell	2.8V / Cell	<i>3.0V / Cell</i>	3.2V / Cell	3.4V / Cell			
4. Start Mode(Punch)	Level 1	Level 2	Level 3	Level 4	<i>Level 5</i>	Level 6	Level 7	Level 8	Level 9
5. Max Brake Force	25%	50%	75%	100%	Disable				

Using your ESC

WARNING! For safety, please keep the wheels from contacting anything when switching on the ESC. If using the ESC in sensored mode, the motor wires **MUST** be connected correctly (A-A, B-B, C-C).

1. Connect The ESC, Motor, Receiver, Battery And Servo

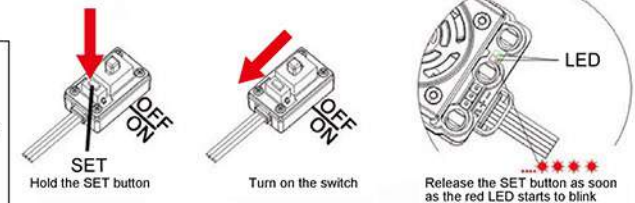
When running the ESC in "Sensored" mode, with a sensor wire, the #A, #B, #C wires of the ESC must be connected to the motor in the correct sequence (A-A, B-B, C-C). When running the ESC in "Sensorless" mode, without a sensor wire, the #A, #B, #C wires of the ESC can be connected to the motor in any sequence.

2. Throttle Range Setting (Throttle Range Calibration)

To match the ESC and transmitter throttle range, the ESC must be calibrated. Do this when first using the ESC and/or when using a new radio system.

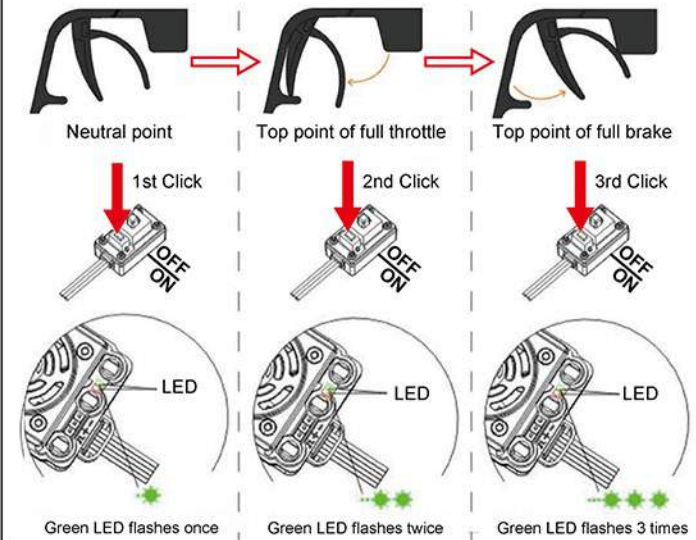
The following pictures show how to set the throttle range.

- A) Switch off the ESC, turn on the transmitter. (EPA / ATV should be set to 100% and ABS should be turned off.)
B) Hold the "SET" button and then switch on the ESC. Release the "SET" button as soon as the red LED begins to flash.
(Note2)



Note2: If you don't release the "SET" button as soon as the red LED begins to flash, the ESC will enter the program mode, in such a case, please switch off the ESC and re-calibrate the throttle range again from step A to step D.

- C) Set the 3 points according to the steps shown in the pictures to the right.
- The neutral point**
While leaving the trigger in neutral position, click the SET button, the green LED flashes 1 time.
 - The end point of forward direction**
While holding the trigger in the full throttle position, click the SET button, the green LED flashes 2 times.
 - The end point of reverse direction**
While holding the trigger in the full brake/reverse position, click the SET button, the green LED flashes 3 times.
- D) Throttle range is calibrated; motor can be used after 3 seconds.



3. Check LED Status During Normal Running

Neither of the LEDs will light up if the throttle trigger is located in the neutral range. The red LED lights when the car is running forward or backward and it will flash quickly when the car is braking. The green LED lights when the throttle trigger is moved to the full brake position.

4. Programmable Values

1.1. Running Mode: In "Forward with Brake" mode, the vehicle can go forward and brake, but cannot go in reverse, this mode is suitable for competition. "Forward/ Reverse with Brake" mode adds the reverse function, which is suitable for daily driving.

Note: "Forward/Reverse with Brake" mode uses "Double-click" method to make the car go into reverse. When you move the throttle trigger from forward zone to reverse zone for the first time (The 1st "click"), the ESC begins to brake the motor and the motor slows down but it is still running, not completely stopped. The reverse action is NOT activated immediately. When the throttle trigger is moved to the reverse zone again (The 2nd "click"), if the motor has slowed down to zero (i.e. stopped), the reverse action will engage. The "Double-Click" method may prevent mistakenly reversing the vehicle when trying to brake. Be aware, while using reverse, the motor will go immediately forward when the trigger is pulled. It is recommended to allow the vehicle to come to a complete stop from reverse before applying forward throttle.

"Forward/Reverse" mode uses "Single-click" to make the car go backward. When you move the throttle stick from forward zone to backward zone, the car will go backward immediately. This mode is usually used for Rock Crawlers and is not intended for use with anything other than rock crawlers.

1.2. Drag Brake Force: Set the amount of drag brake applied at neutral throttle to simulate the slight braking effect of a neutral brushed motor while coasting.

1.3. Low Voltage Cut-Off: The function prevents the lithium battery pack from over discharging. The ESC detects the battery's voltage at any time, if the voltage is lower than the threshold for 2 seconds, the output power will be cut off, and the red LED flashes in such a way: "★-, ★-, ★-".

1.4. Start Mode (Also called "Punch"): Select from "Level-1" to "Level-9". Level-1 has a very soft start effect, while level-9 has a very aggressive start effect. From Level-1 to Level-9, the start force is increased. Please note that if you choose "Level-7" to "Level-9" mode, you must use a good quality battery with powerful discharge capability, otherwise the vehicle may hesitate and cog while trying to launch. If the motor does not run smoothly (that means the motor is cogging), it may be caused by the weak discharge rate of the battery and you may need to choose a stronger battery (higher C rating), use a smaller motor pinion gear, or lower the punch level on the ESC.

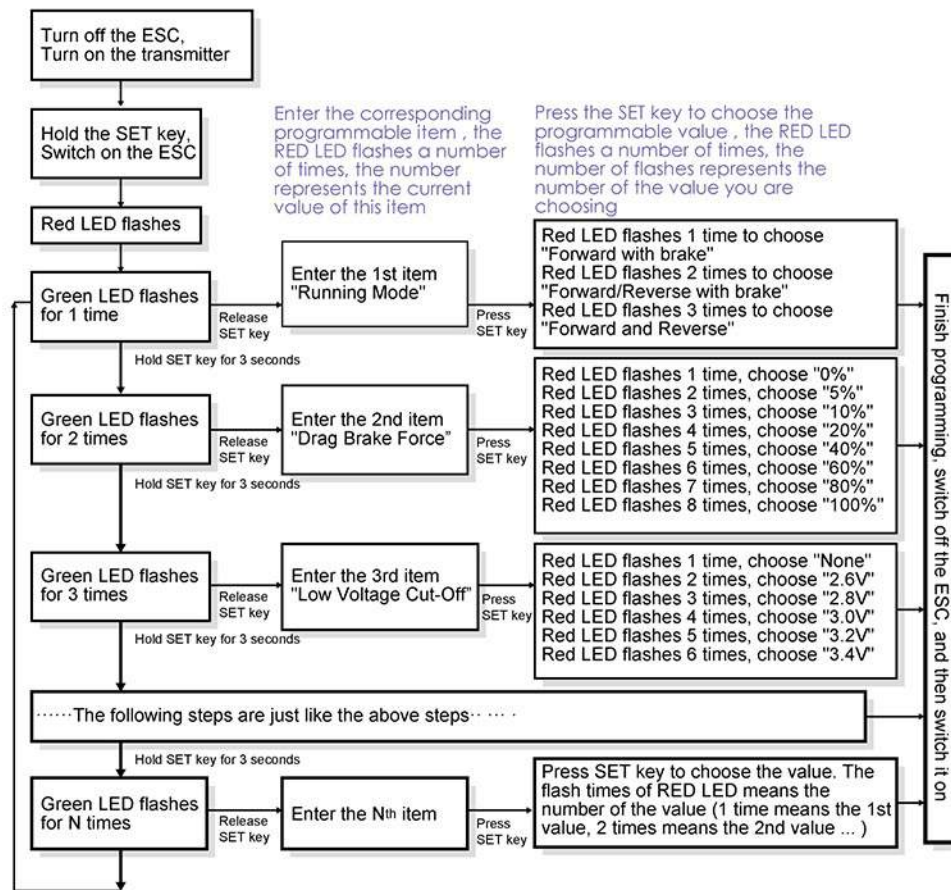
1.5. Maximum Brake Force: The ESC uses proportional braking. Brake force is related to the position of the throttle trigger. Maximum brake force refers to the brake force when the throttle trigger is located in full reverse position. A high brake force will get the vehicle to stop quicker, provided there is adequate traction, but it may damage the drive train. The "Disable" option is used with mechanical disc brake systems. The brake signal is no longer sent to the motor, but sent to a braking system driven by a servo instead. (optional)

5. Reset All Items To Default Values

Any time the throttle is located in neutral zone (except during throttle calibration or program process) hold the "SET" button for 3+ seconds. Both the red and green LEDs will flash. Restart the ESC to complete the process.

Trouble	Possible Reason	Solution
After powering on the ESC, neither the motor nor fan work.	No power is supplied to the ESC. The ESC switch is damaged	Check if all ESC & battery connectors have been well soldered and firmly connected. Call customer service.
After the ESC is powered on, motor doesn't work, but emits "beep-beep- beep-beep-" alert tone. (Every "beep-beep-" has a time interval of 1 second)	Input voltage is abnormal, too high or too low	Check the voltage of the battery pack
After the ESC is powered on and finished LiPo cell detection, the Green LED flashed N times, and the Red LED flashed rapidly.	The ESC didn't detect any throttle signal. The neutral throttle value stored on your ESC is different from the value stored on the transmitter	Check if the ESC throttle wire is correctly plugged into receiver CH.2 and the transmitter is turned on Re-calibrate the throttle range after you return the throttle trigger to the neutral position.
The motor runs in the opposite direction when it is accelerated.	The (ESC-to-motor) wiring order was incorrect. Motor direction set wrong in the ESC (CW/CCW)	Swap any two wire connections between the ESC and the motor. Set the motor direction correctly (CW/CCW)
The motor suddenly stops running while in working state.	The throttle signal is lost The ESC has entered the Low Voltage Protection Mode or Over-heat Protection Mode	Check the transmitter and the receiver Check the signal wire from the throttle channel of your receiver Red LED flashing means Low Voltage. Green LED flashing means Over-heat
The motor stuttered but couldn't start.	Bad connection between the motor and the ESC. The ESC was damaged (some MOSFETs are burnt).	Check all soldered connections, please re-solder if necessary. Contact the distributor for repair or other customer services.
The vehicle still has forward function, but no reverse.	The throttle trim position on your transmitter is not centered. The "Running Mode" is set improperly. The ESC is damaged.	Re-calibrate the throttle neutral position. No LED on the ESC will come on when the throttle trigger is at the neutral position. Set the "running mode" to "Forward/Reverse with Brake". Contact the distributor for repair or other customer services.
The car ran forward / backward slowly when the throttle trigger was at the neutral position.	The neutral position on the transmitter is not stable, so signals are not stable either. The ESC calibration is incorrect.	Replace your transmitter Re-calibrate the throttle range or fine tune the neutral position on the transmitter.
The LED program card keeps displaying 3 short lines (- - -) after being connected to the ESC.	It is wrong to use the Rx cable to connect the programming card/box. The programming port of this ESC is also the fan port, so please connect the ESC and programming card/box by plugging the programming cable into the fan port.	Plug the programming cable into the fan port.
When pressing the SET button to set the throttle neutral position, the Green LED didn't flash and no beep was emitted, or you were unable to set the full throttle endpoint or the full brake endpoint after the neutral position was accepted.	The ESC throttle cable isn't plugged into the correct channel on the receiver. The ESC throttle cable is plugged in backwards.	Plug the throttle cable into the throttle (TH) channel on your receiver (CH.2). Plug in the throttle cable properly by referring to relevant mark shown on your receiver.

Program the ESC:



Note:

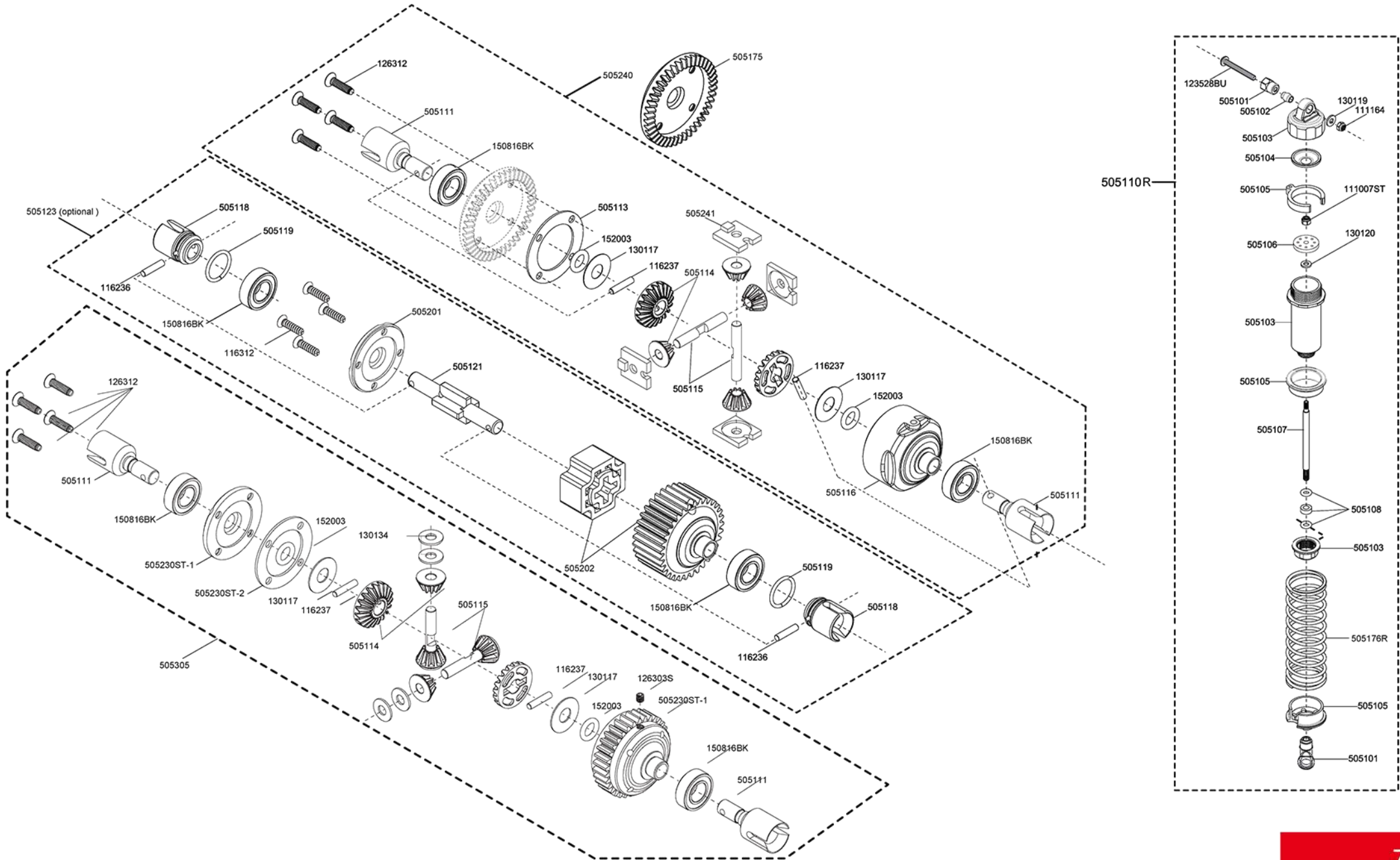
- In the program process, the motor will emit "Beep" tones while the LED, on the ESC, is flashing.
- ... A long constant flash (ESC) and long "Beep---" tone (motor) represents the number "5", add the following short beeps to "5" to get the whole number. Here are some examples:
 "A long solid flash" (& Motor sounds "B---") = the No. 5 item
 "A long solid flash + a short flash" (Motor sounds "B---,B") = the No. 6 item (5+1=6)
 "A long solid flash + 2 short flashes" (Motor sounds "B---,B,B") = the No. 7 item (5+2=7)
 "A long solid flash + 3 short flashes" (Motor sounds "B---,B,B,B") = the No. 8 item (5+3=8)
 "A long solid flash + 4 short flashes" (Motor sounds "B---,B,B,B,B") = the No. 9 item (5+4=9)

2. Program the ESC with the LED program box (Optional equipment)

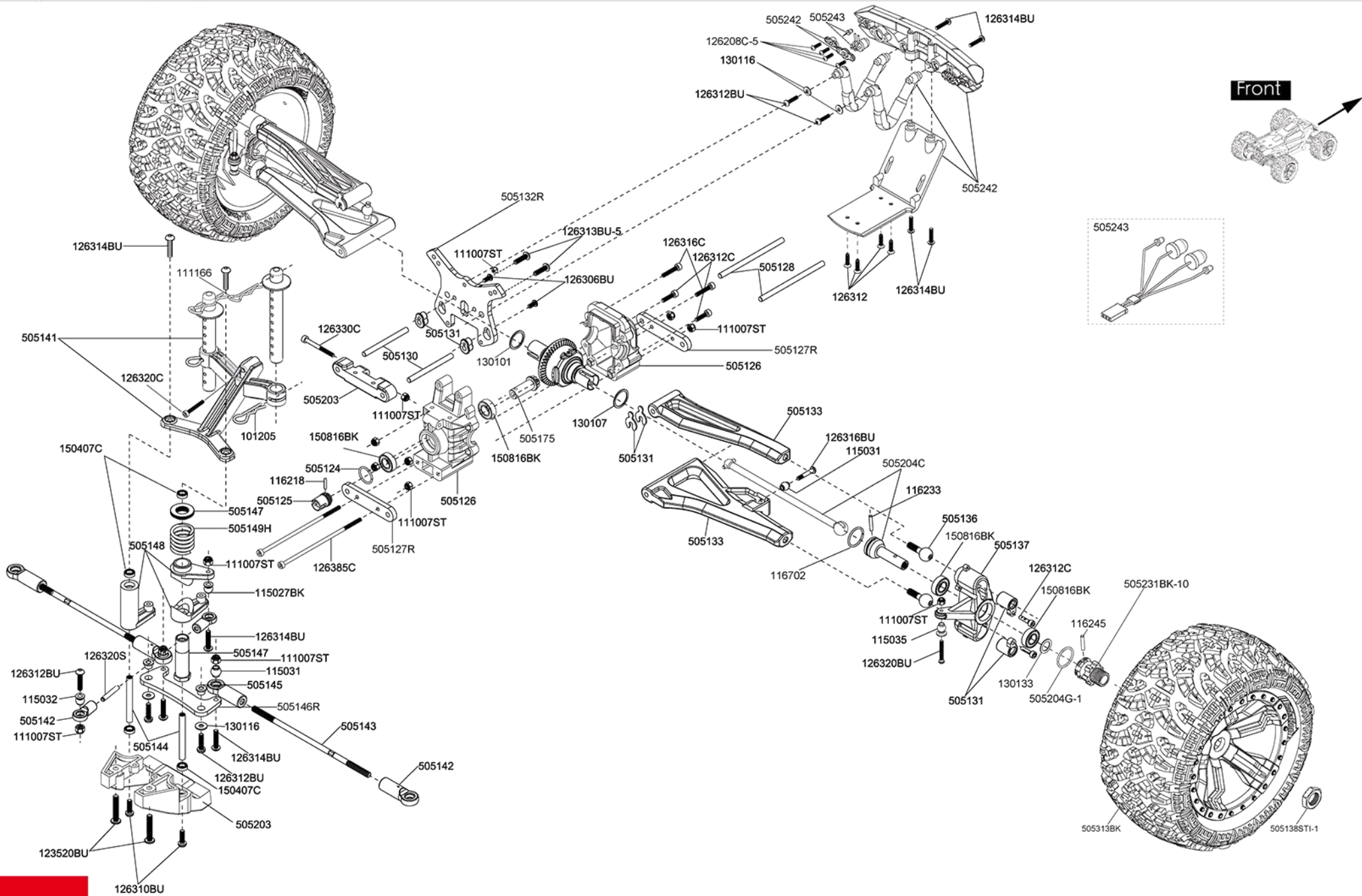
Note3: The Rx wire of the ESC (for connecting receiver) CANNOT be used to connect with the LED Program Card. Only use the special port between the terminals ABC to connect to the Program Card.



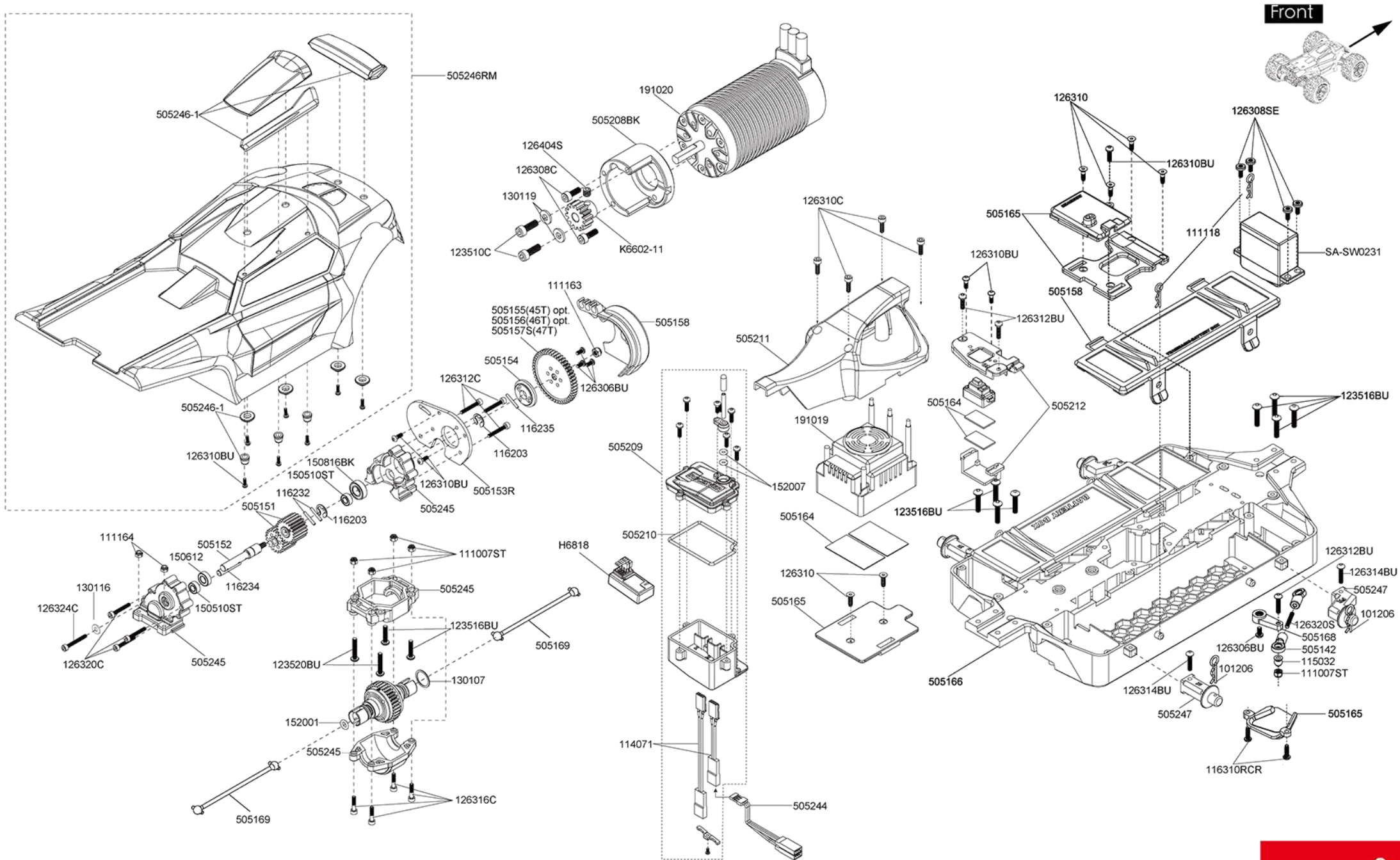
Exploded view



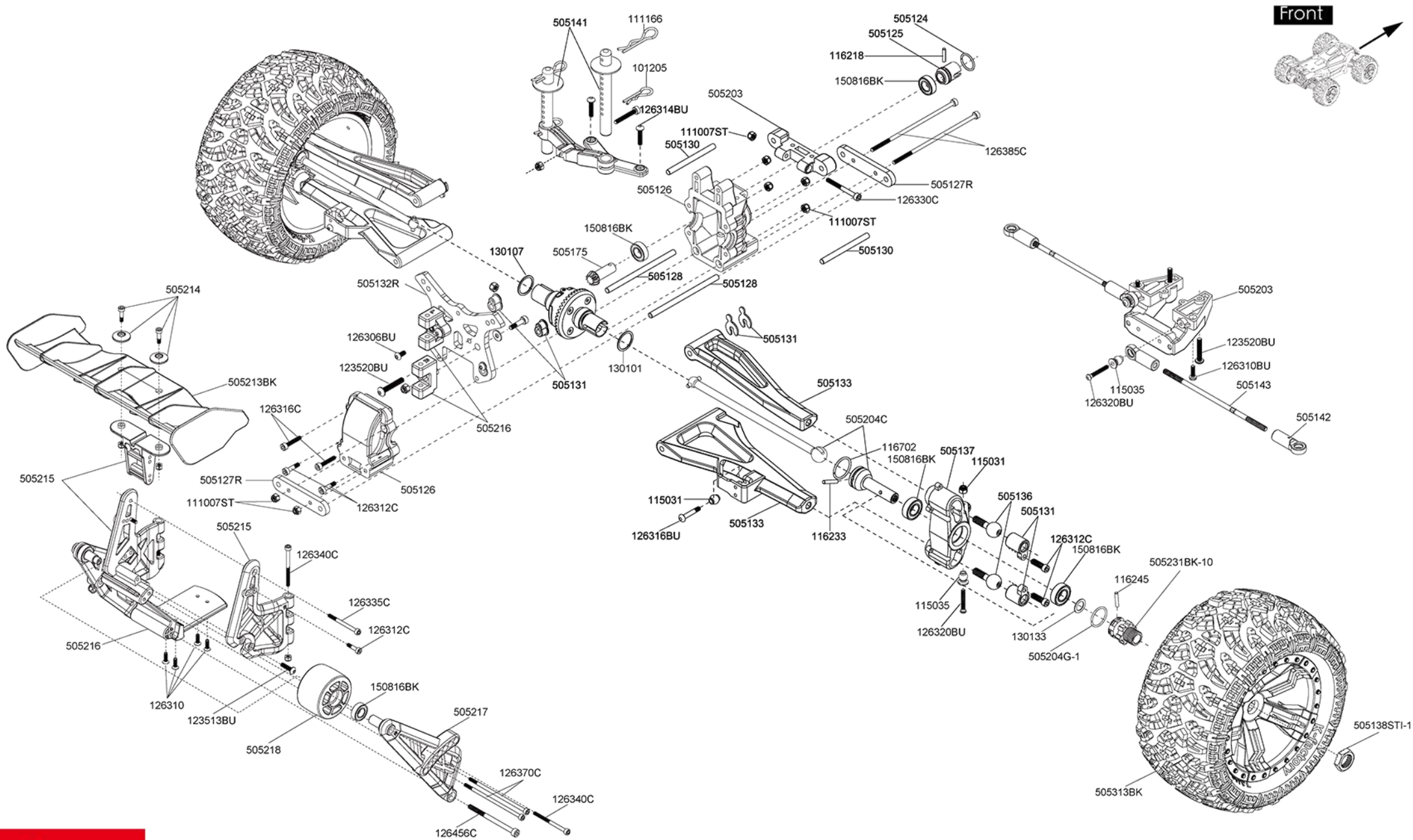
Exploded view (front)



Exploded view (chassis)



Exploded view (rear)





Parts	
Item No.	Item Description
101205	R Clip R8 (10)
101206	R Clip R8 (10)
111007ST	3mm Steel Locknut (10)
111118	R5 R-clip (10)
111163	4mm Lock Nut (10)
111164	3.5mm Lock Nut (10)
111166	R8 Angled Body Clip (10)
114071	Singal Extension Cord (2)
115027BK	Ball End & 5.8mm Single Flanged Steel Ball (6) Black
115031	6.8mm Flanged Steel Ball (10)
115032	5.8mm Single Flanged Steel Ball (6)
115035	6.8mm Single Flanged Steel Ball (6)
116203	E-clip 5 (10)
116218	2.5x12.8mm Pin (10)
116232	2x13.8mm Pin (10)
116233	2.5x14.8mm Pin (10)
116234	5x23.9mm Pin (10)
116235	2x14.8mm Pin (10)
116236	2.5x10.8mm Pin (10)
116237	2.5x11.8mm Pin (10)
116245	2.5x13.8mm Pin (10)
116310RCR	3x10mm Steel RH TP Screw (cross) (6)
116312	3x12mm Steel F.H. Self-Tapping Screw (6)
123510C	3.5x10mm Steel Cap Screw (6)
123513BU	3.5x13mm Steel Button Head Screw (6)
123516BU	3.5x16mm Steel BH Screw (6)
123520BU	3.5x20mm Steel BH Screw (6)
123528BU	3.5x28mm Steel BH Screw (6)
126208C-5	2.5x8mm Steel Cap Screw (6)
126303S	3x3mm Set Screw (6)
126306BU	3x6mm Steel Button Head Screw (6)
126308C	3x8mm Steel Cap Screw (6)
126308SE	3x8mm Steel Flat Round Servo Mount Screw (6)
126310	3x10mm Steel F.H. Screw (6)
126310BU	3x10mm Button Head Screw (6)
126310C	3x10mm Cap Screw (6)
126312	3x12mm Steel F.H. Screw (6)
126312BU	3x12mm Button Head Screw (6)
126312C	3x12mm Cap Screw (6)
126313BU-5	3.5x13mm Steel Button Head Screw (6)
126314BU	3x14mm Button Head Screw (6)
126316BU	M3X16mm BH Screw(10)
126316C	3x16mm Cap Screw (6)

Parts	
Item No.	Item Description
126320BU	3x20mm Steel Button Head Screw (6)
126320C	3x20mm Cap Screw (6)
126320S	3x20m Set Screw (6)
126324C	3x24mm Cap Screw (6)
126330C	3x30mm Cap Screw (6)
126335C	3x35mm Cap Screw (6)
126340C	3x40mm Cap Screw (6)
126370C	3x70mm Cap Screw (6)
126385C	3x85mm Cap Screw (6)
126404S	4x4mm Set Screw (6)
126456C	4x56mm Cap Screw (6)
126505S	M5x5mm Set Screw(6)
130101	13.2x15.9x0.2mm Shim (6)
130107	13.2x15.9x0.5mm Shim (6)
130116	3.2x8x0.7 Washer (10)
130117	6.2x15x0.3 Washer (10)
130119	3.6x8x1mm Washer (10)
130120	3x7x1mm Washer (10)
130133	8.1x12x0.5mm Shim (10)
130134	4.2x9.6x0.7mm Washer (10)
150407C	4X7X2.5mm Collar(4)
150510ST	5x10x4mm Steel Bearing (4)
150612	6x12x4mm Bearing (4)
150816BK	8x16x5mm Bearing-Black
152001	O-RING P5(10)
152003	O-RING P6(10)
152007	O-Ring P3(10)
191020	Brushless Motor 2200KV (size:4274, 6S)
191019	WP-8BL150-RTR 150A Brushless ESC
505101	Shock Pivot Ball Mount (4)
505102	Shock Pivot Ball (4)
505103	Shock Body (2)
505104	Shock Bladder 17mm (4)
505105	Shock Spring Holder
505106	Shock Piston
505107	Shock Shaft (2)
505108	Shock O-Ring & Washer
505110R	Shock Absorber Set
505111	F/R Differential Outdrive (2)
505113	Differential Case Gasket (4)
505114	Differential Bevel Gear Set (for 1 diff)
505115	Differential Bevel Shaft (2)
505116	Bevel Gear Case

Parts	
Item No.	Item Description
505118	Center Solid Axle Outdriver (2)
505119	C-Clip 10.8x1.1mm (4)
505121	Center Solid Axle
505124	C-Clip 13x1.3mm (4)
505125	Center Joints Outdriver (2)
505126	Differential Box
505127R	Lower Arm Mount-Red (2)
505128	Lower Arm Hinge Pin 4x70mm (2)
505130	Upper Arm Hinge Pin 4x48mm (2)
505131	Nylon Adjuster & Pivot Ball Mount
505132R	Shock Tower-Red
505133	Arm Set
505136	Pivot Ball (11mm) (4)
505137	Steering Block (2)
505141	Body Post Set (F/R)
505142	Ball Cup 5.8mm (10)
505143	4x110mm Rod (2)
505144	Servo Saver Inner Post
505145	Steering Bushing
505146R	Steering Linkage Plate-Red
505147	Servo Saver Post
505148	Servo Saver Nylon Parts
505149H	Servo Saver Spring(Hard)
505151	Reduction Gears
505152	Spur Gear Shaft
505153R	Motor Mount Plate-Red
505154	Spur Gear Hub
505157S	Spur Gear-47T
505158	Spur Gear, Battery , Driveshafts Cover
505164	Double Side Tape
505165	ESC&Motor Mount , Front Nylon Cover
505166	Chassis
505168	Alum. Servo Arm
505169	Center Universal Joint
505175	Machined Bevel Gear -43T/11T
505176R	Shock Spring K=1.6-Red (2)
505201	Center Gear Cover (for 3mm screws)
505202	Center Gear (33T) (for 3mm screw)
505203	Front/Rear Upper Arm Hinge Pin Mount (4)
116702	C-17 Clip (6)
505204C	New Universal Driveshaft (2)(C Clip ver.)
505208BK	Adjustable Motor Mount
505209	Waterproof Receiver Box

Parts	
Item No.	Item Description
505210	Receiver Box Seal (2)
505211	Cover for Waterproof ESC
505212	Waterproof Switch Mount
505213BK	Rear Wing-Black
505214	Screws and Shims for Rear Wing (2)
505215	Rear Wing Support
505216	Rear Wing Support Mount
505217	Wheelie Support (2)
505218	Wheelie Wheel
505231BK-1	Serrated Wheel Nut (2)- Black
505231BK-10	Alum. Spined Wheel Hubs and Nuts +10mm (2)-Black
505313BK	Mounted Tire 7.1"x4.5" Size - Spined wheel hubs (2)
505240	Complete FG Differential Set (F/R)
505241	Differential Quadrangle Shim (4)
505242	Size-up Bumper Set
505243	Front LED Light
505244	Extension Cord "Y" Type
505245	Quick-released Central Box
505246-1	Body Upper Protection
505246RM	Body - Red
505247	Lateral Body Support (2+2)
505305	Center Differential (complete)
H6817	HT3GDS 2.4G Transmitter w/Receiver
H6818	HR3GR 3 Channel 2.4G Receiver
K6602-11	M1.0 Pinion Gear for 5mm Shaft 11T
SA-SW0231	SW-0231 Waterproof Servo (15KG)

Accessory Parts	
Item No.	Item Description
HX-500030C-3S-BV2	LIPO Battery , 5000mAh 30c 11.1V
HX-300030C-3S-BV2	LIPO Battery , 3000mAh 30c 11.1V
HX-403	2S, 3S, 4S AC/DC LIPO, LIFE Charger
505230ST-1	Center Differential Steel Case
505230ST-2	Gasket (for center differential steel case)
505173	Quick Release Battery Holder
505115	Diff. Planetary Gear Shafts (shafts only) (2)
505155	Spur Gear 45T
505156	Spur Gear 46T
505230ST	Center Differential with Steel Case
505231BK-15	Aluminum Wheel Hex w/ Nuts, +15mm Offset (2)

505225TI

CNC Machined Battery Holder (2)-TI



505238TI

CNC Machined Battery Holder Mount (2)-TI



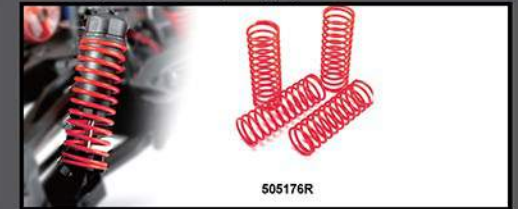
505234TI

The Fifth Wheel Multi-Angle Adjusting Mount-TI



505176R

Shock Spring K=1.6 (Red) (2)



505103A

Alum. Shock Body (2)



505227TI

Alum. Body Post (2)-TI

505227ST
Steel Body Post (2)



5052144TI

Alum. Shims for Rear Wing (2)-TI



505223TI

CNC Machined Alum. Lower Arm (2)-TI



505221TI

6.3mm CNC Machined Alum. Shock Tower (F/R)-TI



505222TI

CNC Machined Alum. Upper Arm (2)-TI



505228 (FRONT) 505229 (REAR)

CNC Machined Stainless Chassis Guard



505231BK -0 / -10 / -15

Alum. Splined Wheel Hubs and Nuts (2)-Black



505220

Steel Shock Pivot Ball Mount (2)



505245

Quick-Release Center Diff. Box



505118ST

Steel Center Solid Axle Outdriver (2)



505230ST

Center Differential Set With Steel Case



505125ST

ST Steel Center Joints Outdriver (2)

505111ST

ST Steel F/R Differential Outdrive (2)



505146TI

Steering Linkage Plate-TI

505127TI

Lower Arm Mount-TI (2)



Instruction Manual



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