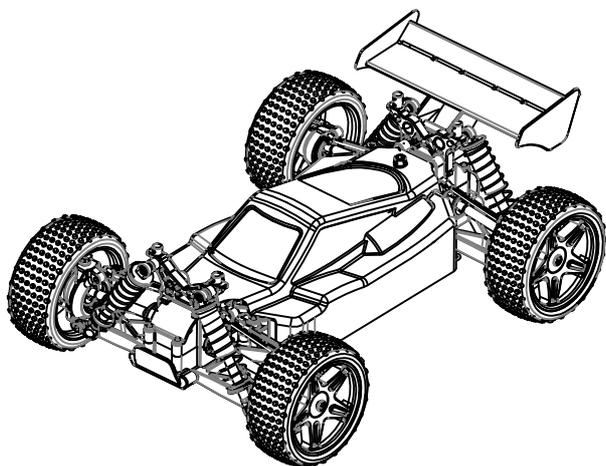
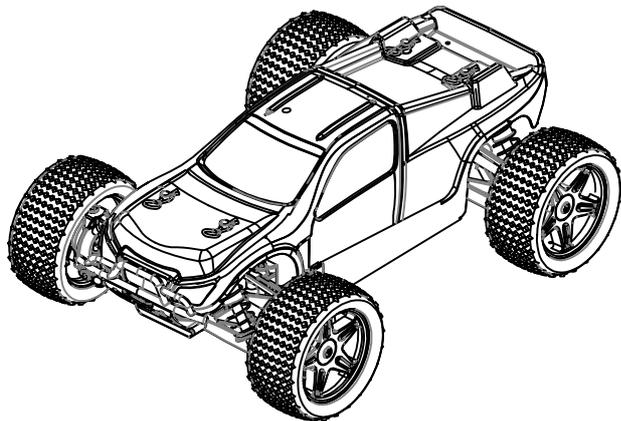


# 1/18 ELECTRIC 4WD INSTRUCTION MANUAL

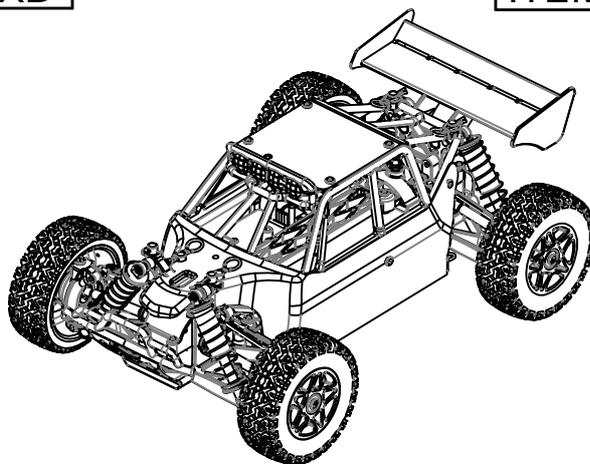
## BUGGY/DESERT BUGGY/SHORT COURSE/ TRUGGY/MONSTER TRUCK



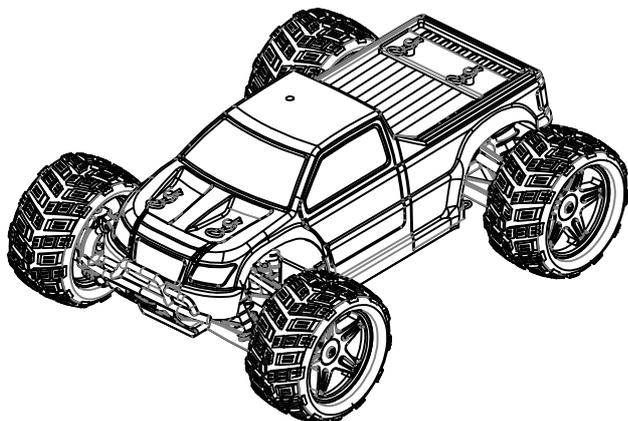
**BUGGY**  
ITEM NO: E18XB



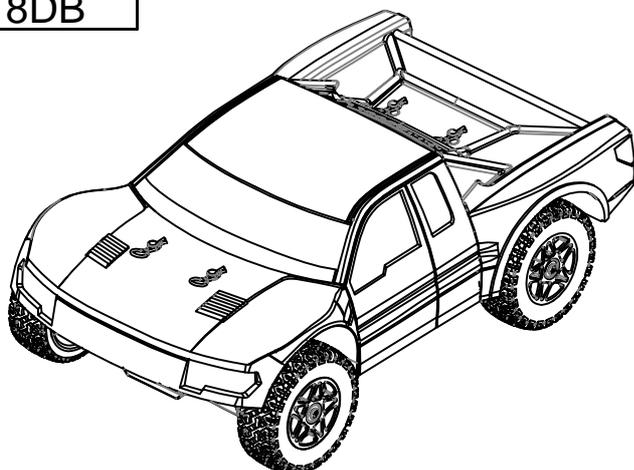
**TRUGGY**  
ITEM NO: E18XT



**DESERT BUGGY**  
ITEM NO: E18DB



**MONSTER TRUCK**  
ITEM NO: E18MT



**SHORT COURSE**  
ITEM NO: E18SC

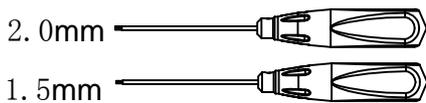
## Before You Start Assembling

Thank you for purchasing our Ready To Run 1/18th scale electric off-road vehicle. This manual contains the basic methods of operation, assembly details, and related accessories. Operators by less than 14 years of age need to be supervised by an adult. Please read all information in this manual before operation to avoid any damage or danger.

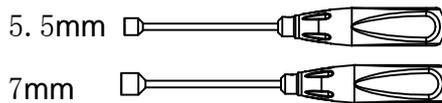
All operating instructions should be read before the use of this product. It contains important information for future reference. In addition, because we constantly update our products, some small physical features may change. Check our website for any update on changes .

## Tools Needed

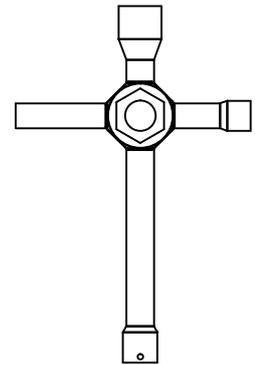
**2.0 1.5 Allen key**



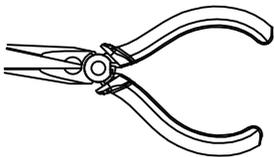
**5.5 7 Wrench**



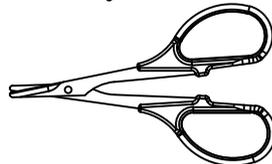
**Cross Wrench(big)**



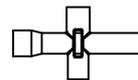
**Needle Nose Plier**



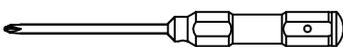
**Hobby Scissors**



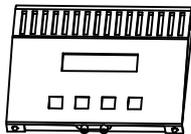
**Cross Wrench(small)**



**Cross Screwdriver**



**Charger**



**Reamer**



**Apply CA glue**



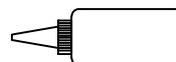
**Grease**



**1.2V AA Battery**



**Silicone Oil**



## **Safety Precautions**

This is a high-quality radio control model. Pay attention at all times to insure careful operation. If care is not taken, loss of life and property may result. Children should not be allowed to operate in the absence of adult supervision. Operational errors, or the incorrect use of this product and important information included in this manual (which may result in the loss of life, severe injury or property damage), will be the responsibility of the owner.

----*This model is controlled by radio signals, which may be subject to outside interference beyond the control of vehicles radio system.*

----*Therefore, keep within a safe distance to avoid accidents and away from motor vehicles and people.*

----*Do not place or run on wet grass or in puddles because electronic equipment (servers, receivers and power transfer) is not waterproof. If you want to run in these areas the electronics must be waterproofed.*

----*Do not drive if battery power is low!*

----*Do not drive in poor conditions or vehicle damage may occur.*

----*Be careful to comply with the instructions and warnings of other equipment used (charger and battery, etc.).*

----*Put chemicals, metals, and electronic equipment out of the reach of children.*

----*Only careful and cautious use of remote control cars can protect life and property from harm.*

## **Warranties**

Ask Retailers for replacement or return for manufacturing defective or missing parts. There is no warranty against wear and tear caused by incorrect operation or use of incorrect parts.

Retailers are to provide technical assistance free of charge for beginners.

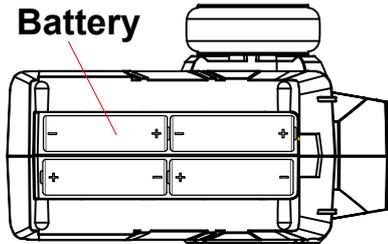
## **Operational requirements**

First, make sure batteries are fully charged. Check all connections and settings .

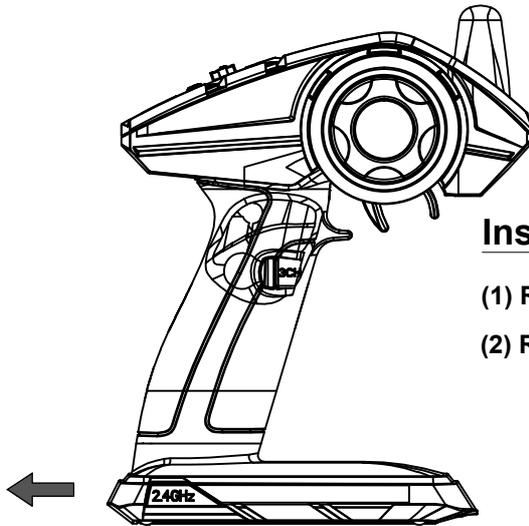
Install 8 AA batteries in the remote, ensure that the batteries have full power, pay attention to positive and negative polarity, and do not install in the wrong direction.

The remote control system has a variety of different functions and settings. Before initial use, ensure that all functions and settings have been fully understood.

## 2.4GHZ RADIO SYSTEM



Battery Box

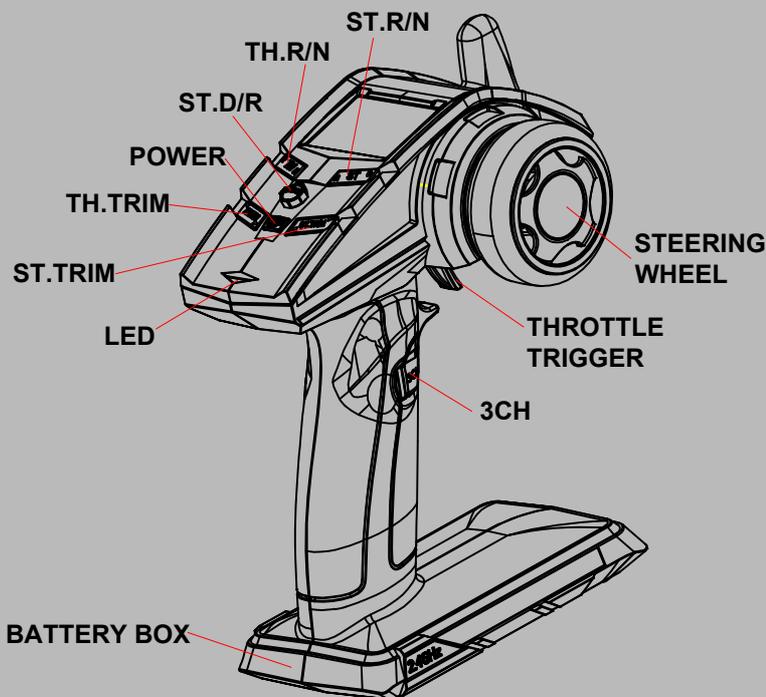


### Install the batteries

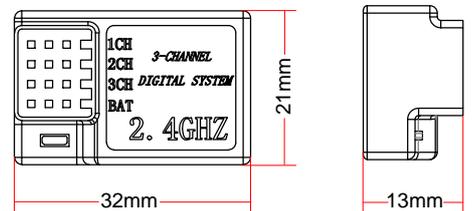
- (1) Remove the battery compartment cover.
- (2) Replace the used batteries with new AA size batteries

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

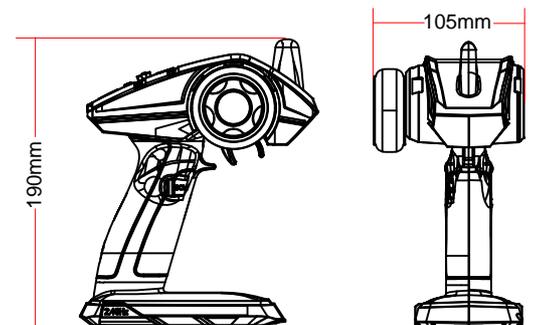
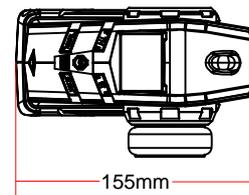
### TRANSMITTER DIAGRAM



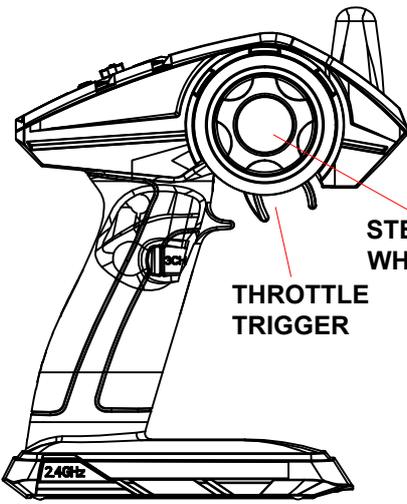
### Receiver Size



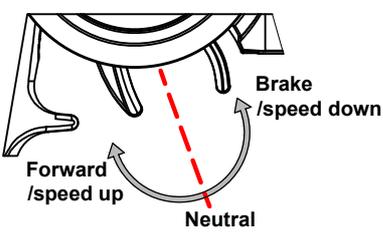
### Transmitter Size



## Transmitter Adjustment

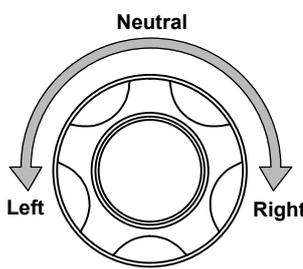


**Throttle Trigger**



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

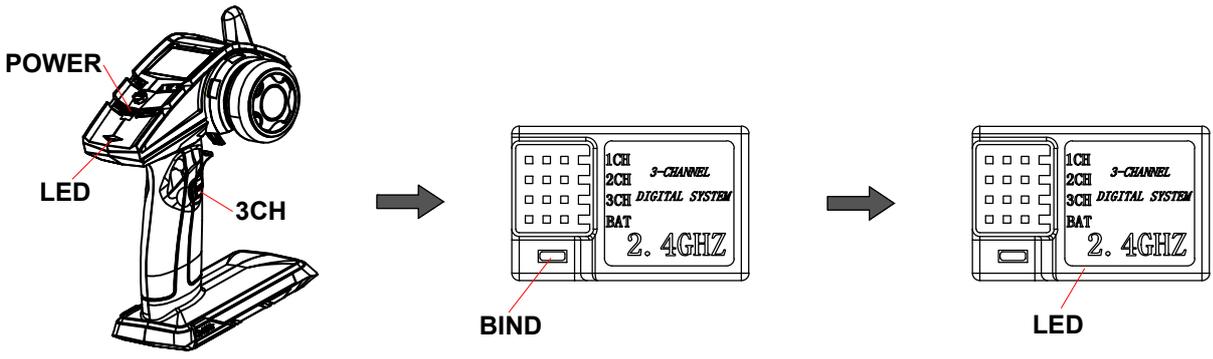
**Steering Wheel**



Turn the steering wheel counterclockwise to turn left, turn the steering wheel clockwise to turn right.

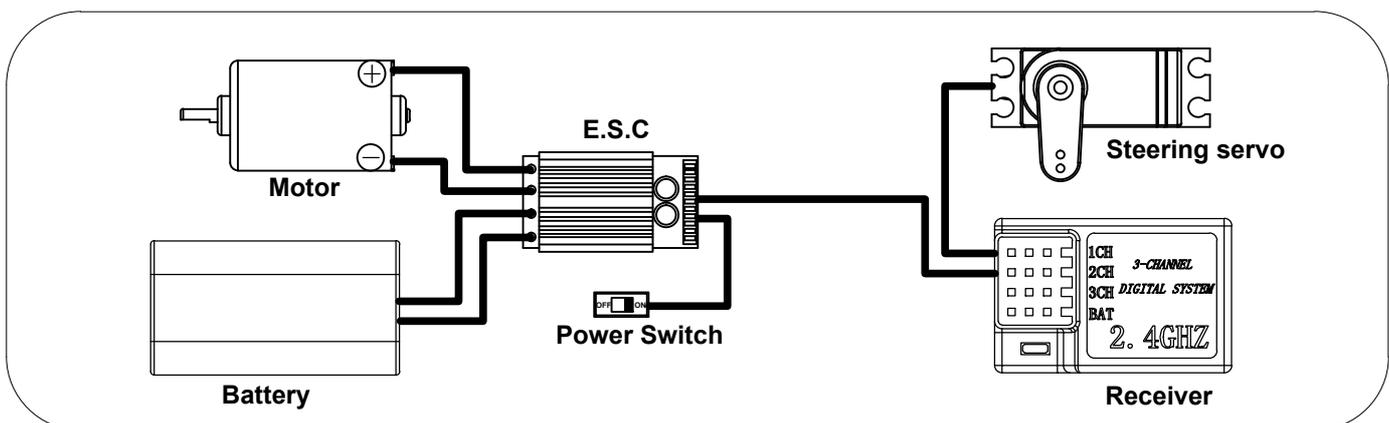
**Throttle Trim :** Position the throttle trigger at the neutral position, adjust the throttle trim accordingly  
**Steering Trim:** If the front wheel does not align straight, use the steering trim to make adjustment

## Binding the transmitter and receiver



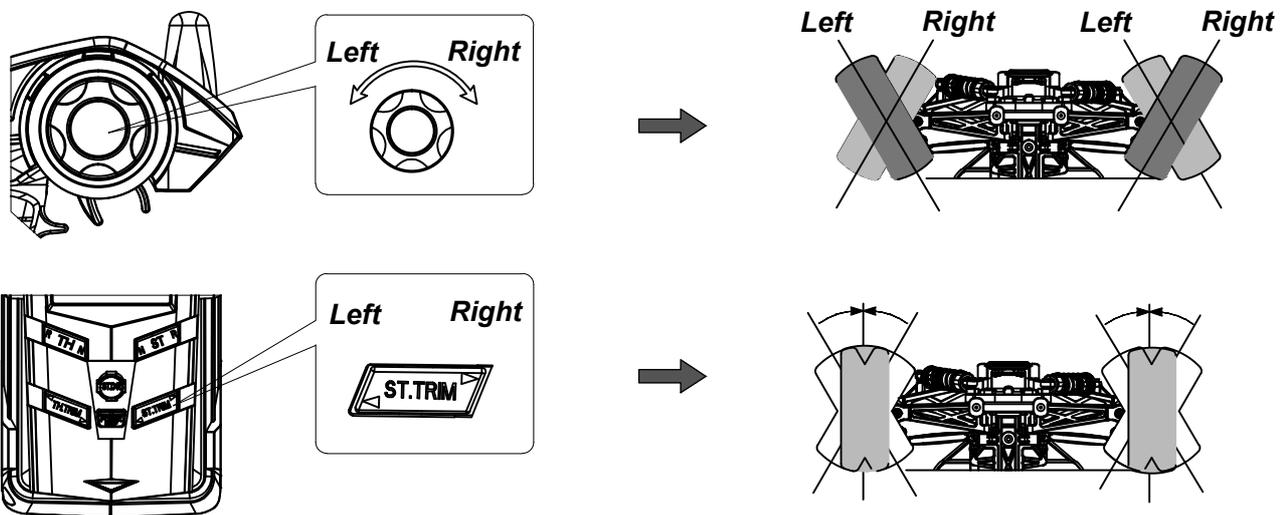
Transmitter (TR) with batteries and keep 3CH button switch on, the TR LED blue light flashing and buzzer sound "B-B-B..." It is in matching status. then receiver(RX) connect power, the RX LED green light slow flash, putting RX close TR and keep RX BIND button till LED green light quick flash several times then slow flash, It shows binding successful. And turn off TR power and switch on TR again, RX LED light green become solid, it's in working status.

## Receiver and servo connection



## Operation Check List

1. Install fresh, new batteries into the transmitter and vehicle. verify all the control functions are working properly
2. Verify steering is set to the neutral position, the front wheels of the vehicle should point straight forward when the steering wheel on the transmitter is centered.
3. The ESC on the vehicle is pre-configured at the factory. when you turn on the transmitter and vehicle, you should hear a beep in 1-2 seconds and the indicator light should be lit.
4. With the battery fully charged, the run time for the vehicle is around 7 to 15 minutes depends on the condition of the running environment. please stop operation when the battery show sign of low power.



## Common Troubleshooting

**Problem:** motor is not working

**Causes:** A broken motor winding, battery capacity is inadequate or not charged, remote control not turned on or esc switch not turned on.

**Solution:** Replace motor, change batteries, turn switches on

**Problem:** poor motor performance

**Causes:** Battery power is low, ESC is not adjusted properly, drive train operates noisily.

**Solution:** Replace or recharge the battery. When you first turn on the car, don't touch throttle trigger until all noise stop. Check that the gear mesh is not too tight or loose.

**Problem:** difficult to turn the car

**Causes:** Transmitter or receiver battery are low, steering servo trim not set correctly

**Solution:** Replace or recharge the battery; when car is not moving, manually set steering trim so that the wheels are pointed forward.

---

## **Service and Maintenance**

In order not to void car warranty, always keep your vehicle clean. In areas of high dust and dirt, be sure to blow off dirt and dust with a compressor, soft bristle brush, or toothbrush.

Always check car for loose or broken parts and replace before and after running.

Regularly check screws to make sure that they are tight.

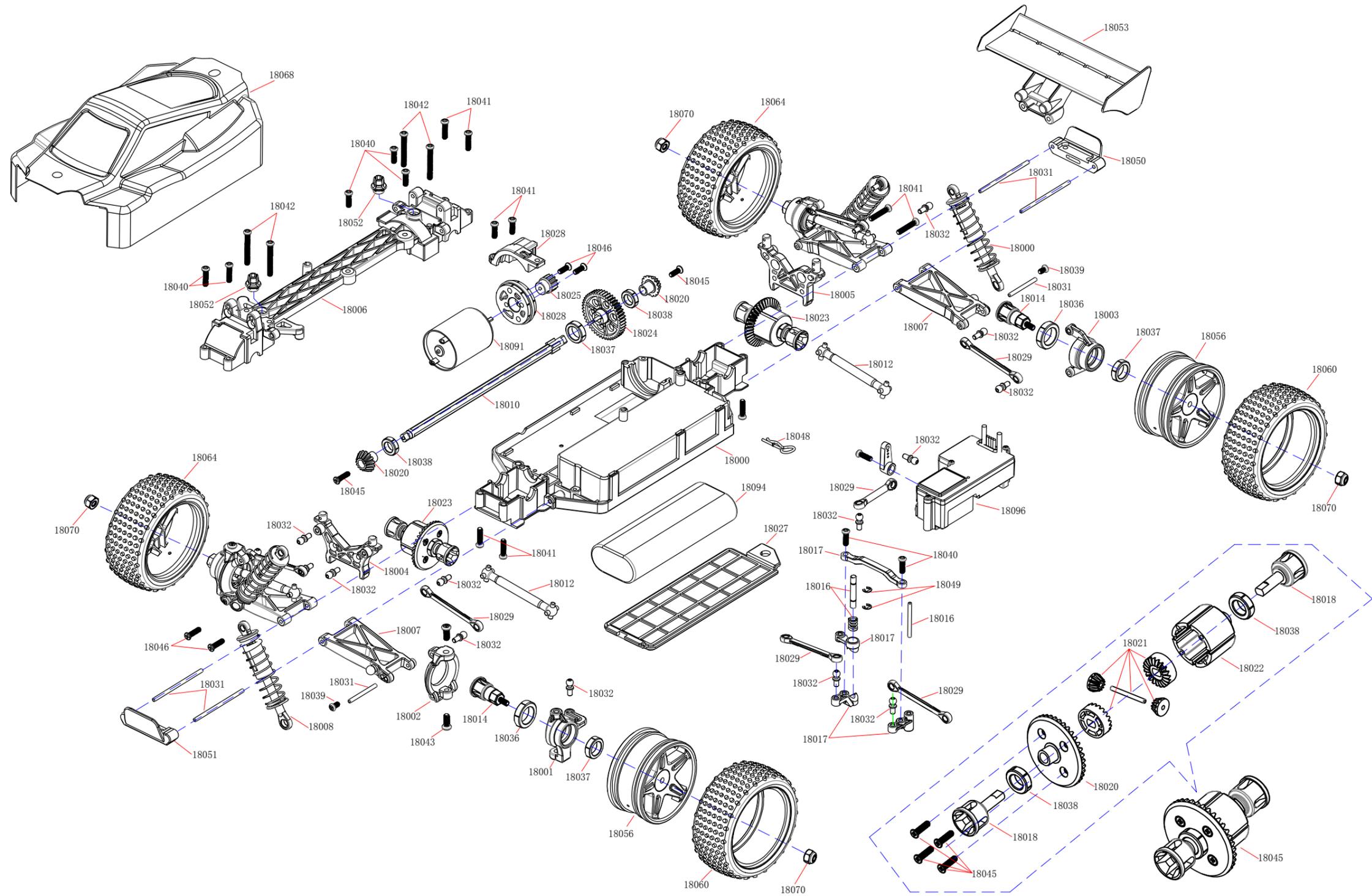
Replacement parts are available at many local retailers or online stores, Feel free to contact retailers for help in replacing parts.

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## **SPECIFICATIONS**

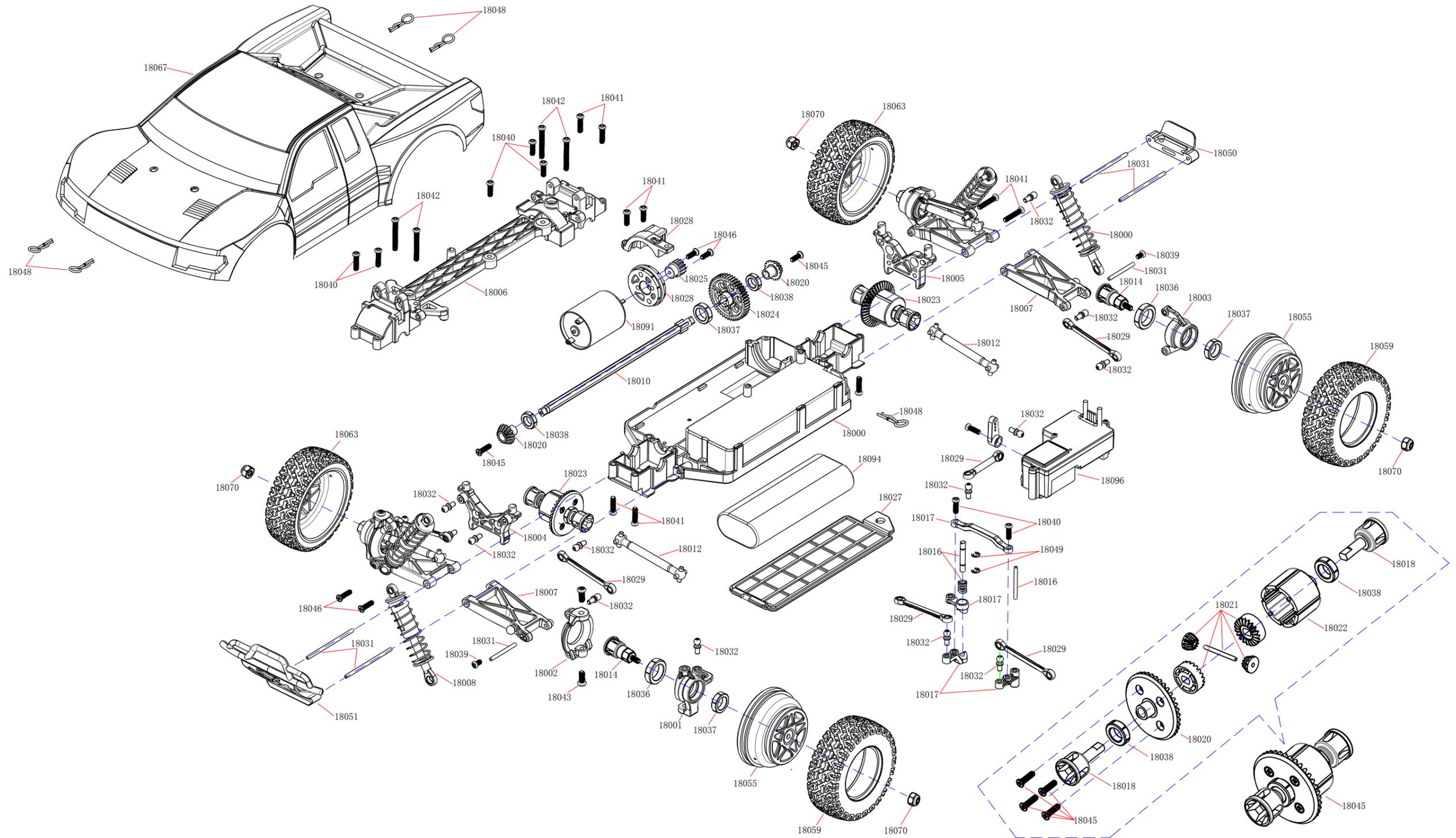
<b>Model</b>	<b>Code</b>	<b>Length</b>	<b>Width</b>	<b>Height</b>	<b>Wheel Dia</b>	<b>Wheel Width</b>	<b>Weight</b>
<b>Buggy</b>	E18XB	225mm	180mm	72mm	61.5mm	26mm	516g
<b>Truggy</b>	E18XT	255mm	187mm	88mm	66mm	33mm	552g
<b>Desert Buggy</b>	E18DB	255mm	162mm	98mm	62mm	22mm	570g
<b>Monster Truck</b>	E18MT	240mm	190mm	96mm	68mm	35mm	575g
<b>Short Course</b>	E18SC	258mm	182mm	100mm	62mm	22mm	550g

# Explode Diagram of the Buggy



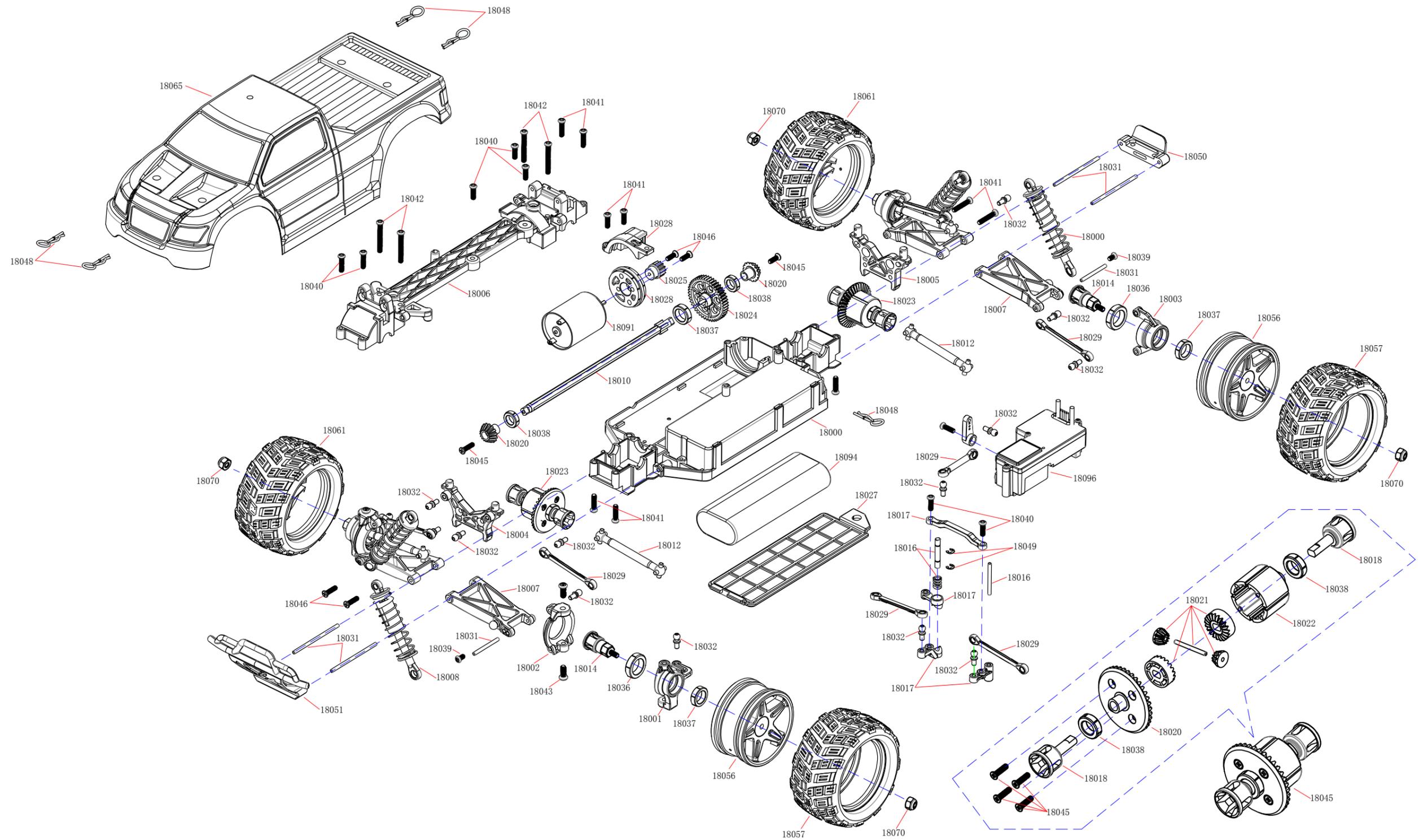


# Explode Diagram of the Short Course

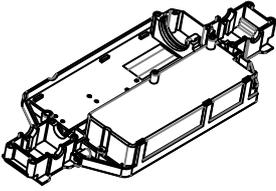
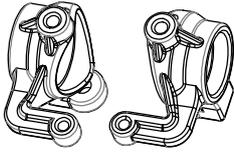
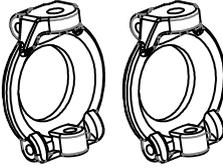
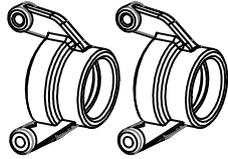
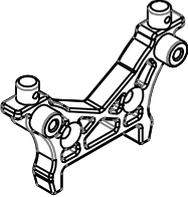
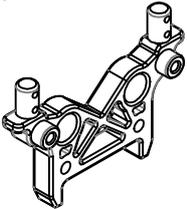
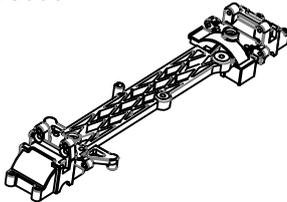
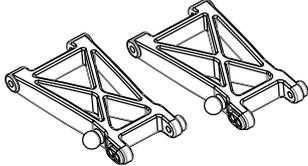
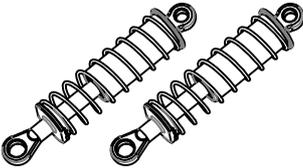
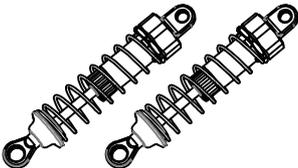
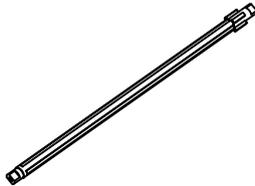
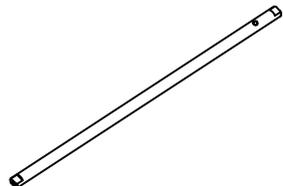
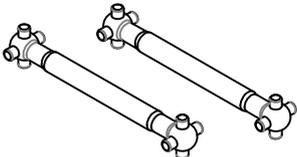
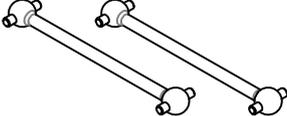
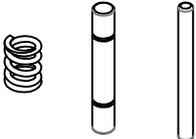
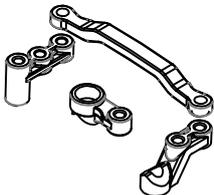
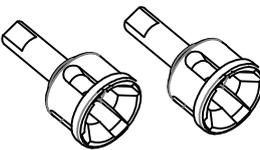
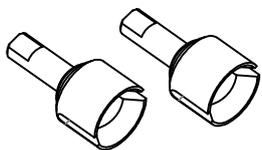
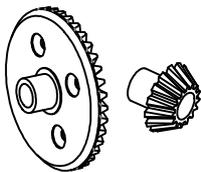
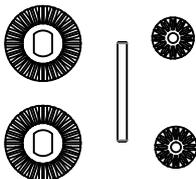
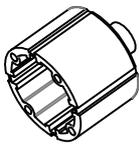
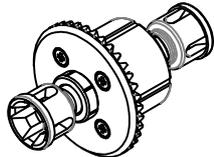




# Explode Diagram of the Monster Truck



# Parts List

<p>18000</p>  <p>Chassis</p>	<p>18001</p>  <p>Knuckle Arms</p>	<p>18002</p>  <p>C-Hub</p>	<p>18003</p>  <p>Rear Hub</p>
<p>18004</p>  <p>Front Shock Tower</p>	<p>18005</p>  <p>Rear Shock Tower</p>	<p>18006</p>  <p>Upper Deck</p>	<p>18007</p>  <p>Lower Susp Arm</p>
<p>18008</p>  <p>Shock Absorbers</p>	<p>18009</p>  <p>Shock Absorbers(AL)</p>	<p>18010</p>  <p>Center Drive Shaft</p>	<p>18011</p>  <p>Center Drive Shaft(AL)</p>
<p>18012</p>  <p>Drive Shaft</p>	<p>18013</p>  <p>Drive Shaft Metal</p>	<p>18014</p>  <p>Rear Wheel Axle</p>	<p>18015</p>  <p>Rear Wheel Axle Metal</p>
<p>18016</p>  <p>Servo Shaft/Spring</p>	<p>18017</p>  <p>Servo Save</p>	<p>18018</p>  <p>Diff Outdrives Plastic</p>	<p>18019</p>  <p>Diff Outdrives Metal</p>
<p>18020</p>  <p>Diff Gear 38/15T</p>	<p>18021</p>  <p>Diff Gear 24/12T</p>	<p>18022</p>  <p>Diff Case</p>	<p>18023</p>  <p>F/R Diff Gear 1 Set</p>

# Parts List

18024



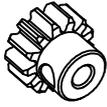
**Main Gear**

18025



**Pinion Gear Plastic 13T**

18026



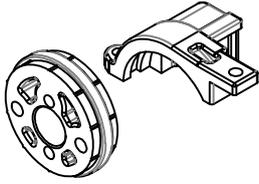
**Pinion Gear Metal 13T**

18027



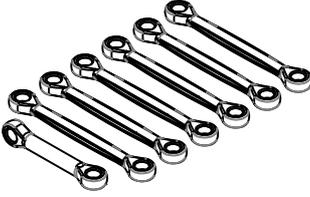
**Battery Cover**

18028



**Motor Mount 1 Set**

18029



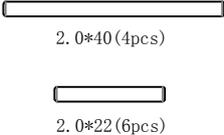
**Steering Linkage**

18030



**Steel Steering Linkage**

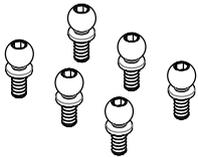
18031



2.0\*40 (4pcs)  
2.0\*22 (6pcs)

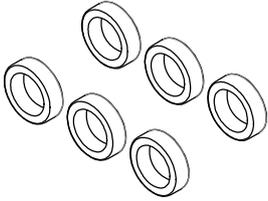
**Pins**

18032



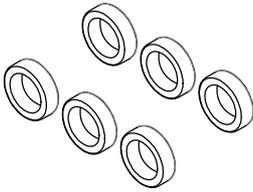
**Ball Head Screw M2.5**

18033



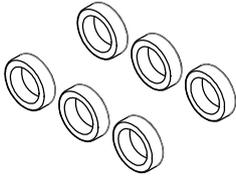
**Ball Bearing 10\*15\*4**

18034



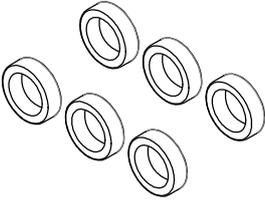
**Ball Bearing 8\*12\*3.5**

18035



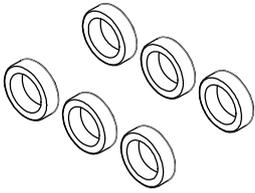
**Ball Bearing 6\*10\*3**

18036



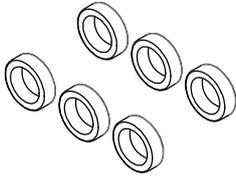
**Bushing 10\*15\*4**

18037



**Bushing 8\*12\*3.5**

18038



**Bushing 6\*10\*3**

18039



6pcs

**Button Head Screws 2.6\*4**

18040



6pcs

**Button Head Screws 2.6\*8**

18041



6pcs

**Button Head Screws 2.6\*10**

18042



6pcs

**Button Head Screws 2.6\*20**

18043



6pcs

**Button Head Screws 3\*8**

18044



6pcs

**Button Head Screws 2\*6**

18045



6pcs

**Flat Head Screws 2\*8**

18046



6pcs

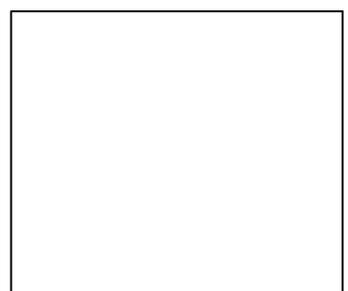
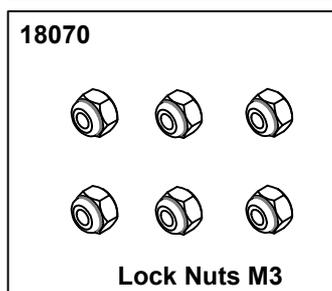
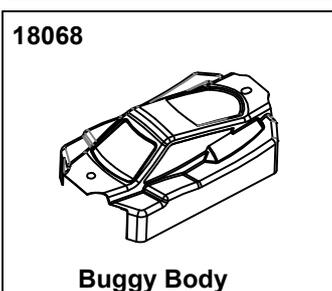
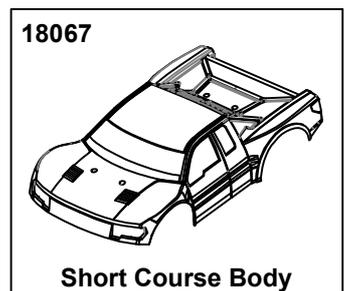
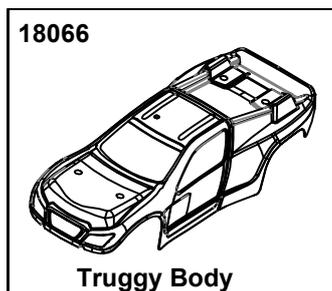
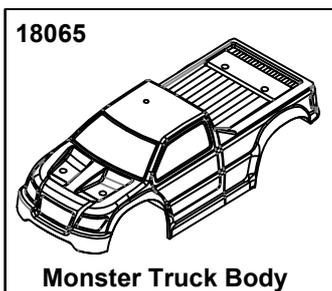
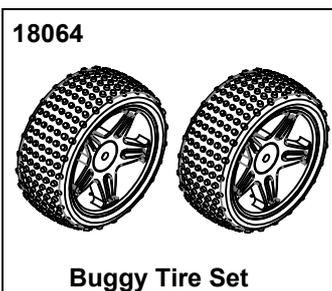
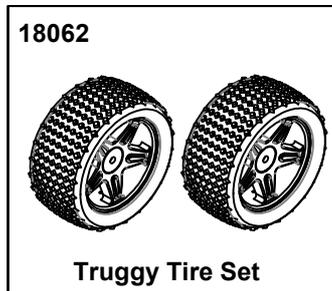
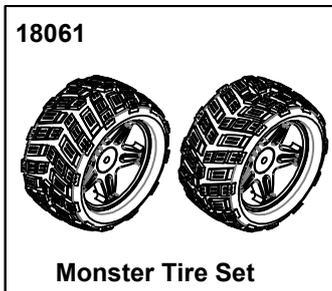
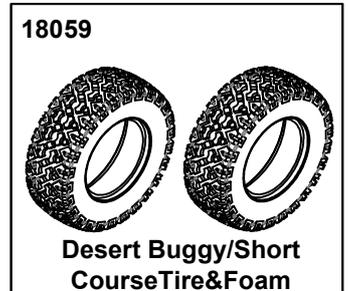
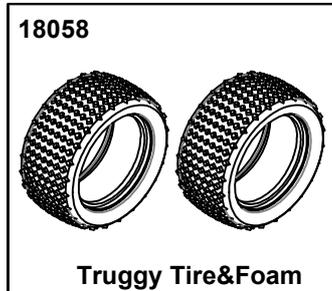
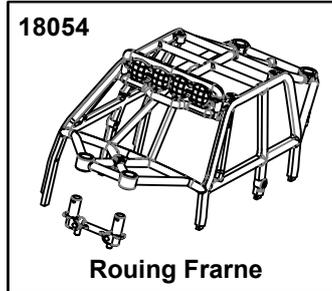
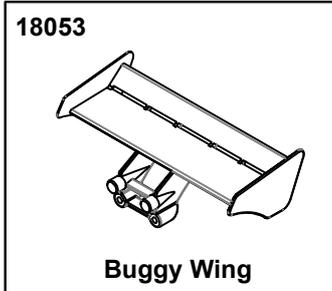
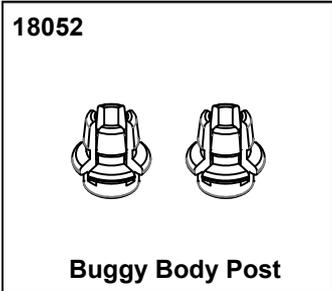
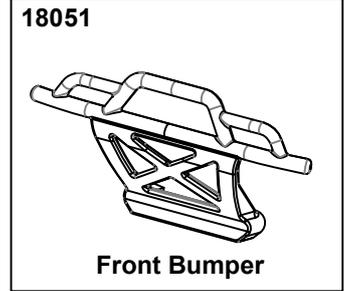
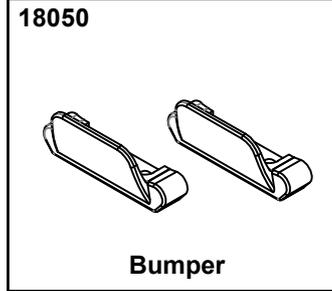
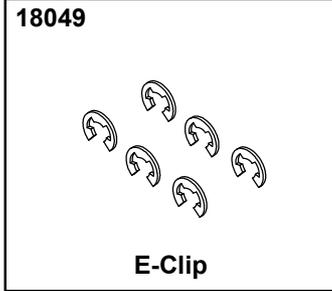
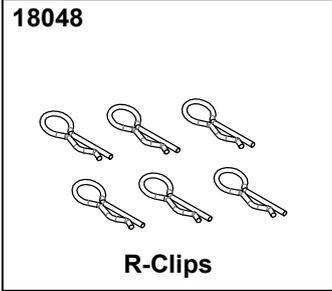
**Flat Head Screws 2.6\*10**

18047



**Grub Screws M3\*3**

# Parts List



## Optional Pars List

<p>18080</p> <p>Knuckle Arms(AL)</p>	<p>18081</p> <p>C-Hub(AL)</p>	<p>18082</p> <p>Rear Hub(AL)</p>	<p>18083</p> <p>Front Shock Tower(AL)</p>
<p>18084</p> <p>Rear Shock Tower(AL)</p>	<p>18085</p> <p>Lower Susp Arm(AL)</p>		

## Electronics List

<p>18090</p> <p>Servo 9g</p>	<p>18091</p> <p>Brushed Motor RC360</p>	<p>18092</p> <p>Brushed ESC 15A</p>	<p>18093</p> <p>2.4G Transmitter</p>
<p>18094</p> <p>Lipo Battery 7.4V</p>	<p>18095</p> <p>Lipo Battery Charger</p>	<p>18096</p> <p>Receiver/Brushed ESC 3 in 1</p>	<p>18097</p> <p>Transmitter Receiver/Brushed ESC 3 in 1</p>
<p>18098</p> <p>Brushless Motor 2430</p>	<p>18099</p> <p>Brushless ESC 15A</p>		