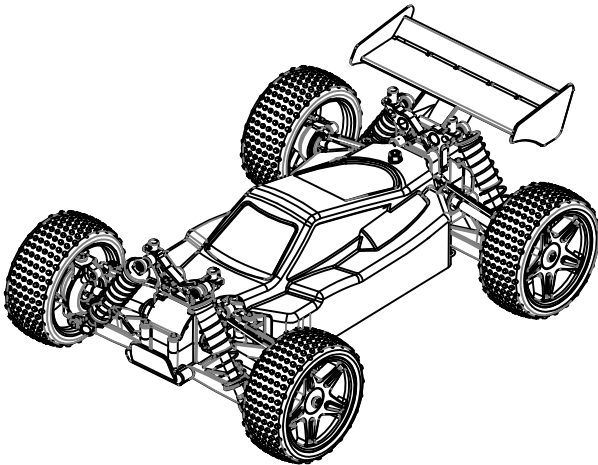
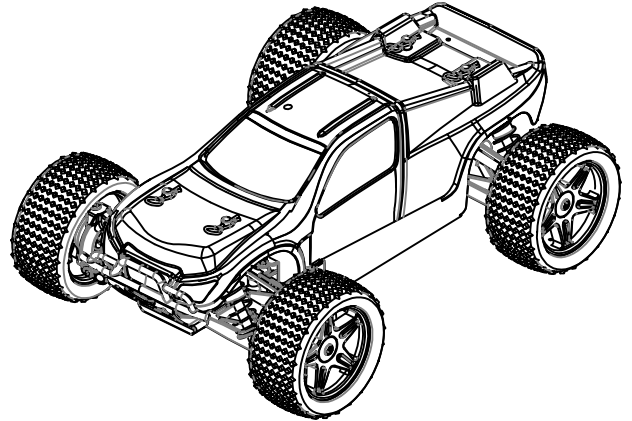


1/18 ELECTRIC 4WD INSTRUCTION MANUAL

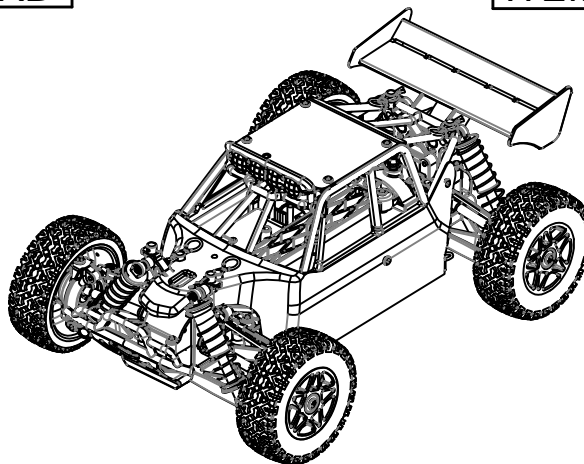
BUGGY/DESERT BUGGY/SHORT COURSE/ TRUGGY/MONSTER TRUCK



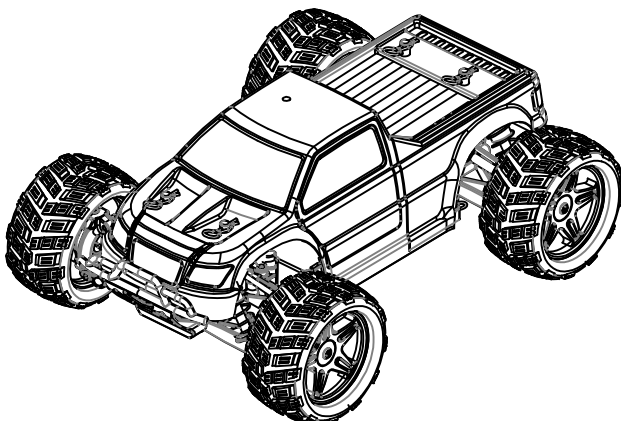
BUGGY
ITEM NO: E18XB



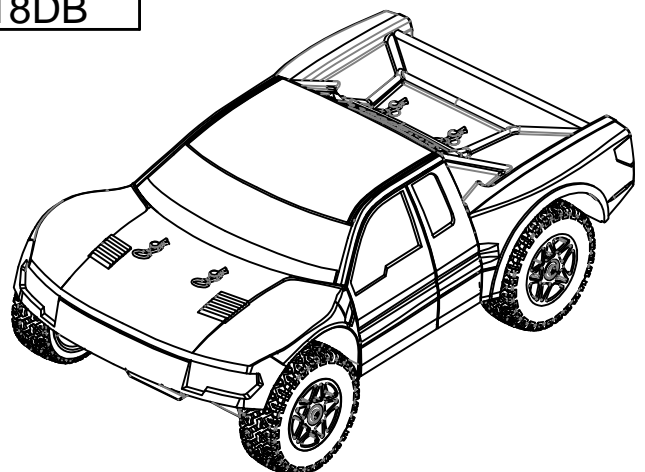
TRUGGY
ITEM NO: E18XT



DESERT BUGGY
ITEM NO:E18DB



MONSTER TRUCK
ITEM NO: E18MT



SHORT COURSE
ITEM NO: E18SC

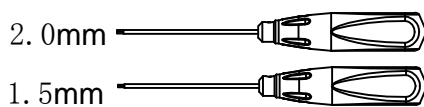
Before You Start Assembling

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.

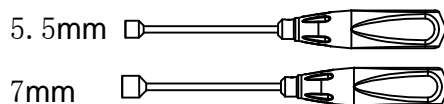
All operating instructions should be read before the use of this product. It contains important information for future reference. In addition, because we constantly update our products, some small physical features may change. Check our website for any update on changes .

Tools Needed

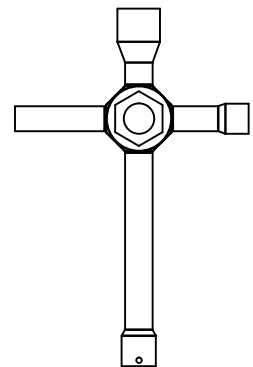
2.0 1.5 Allen key



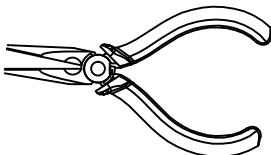
5.5 7 Wrench



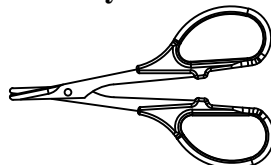
Cross Wrench(big)



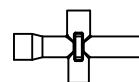
Needle Nose Plier



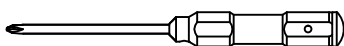
Hobby Scissors



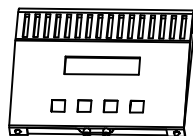
Cross Wrench(small)



Cross Screwdriver



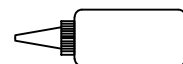
Charger



Reamer



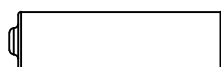
Apply CA glue



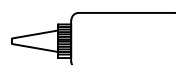
Grease



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.

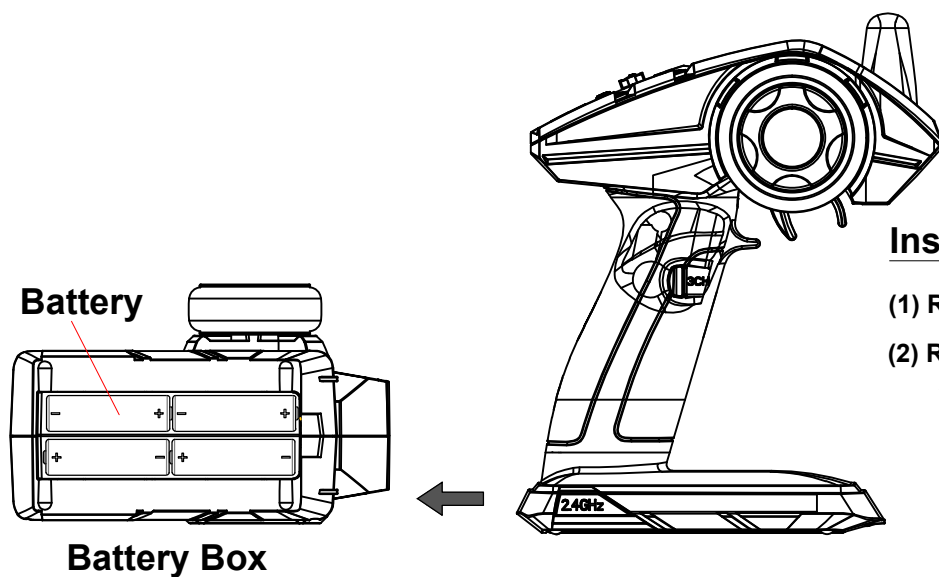
Operational requirements

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

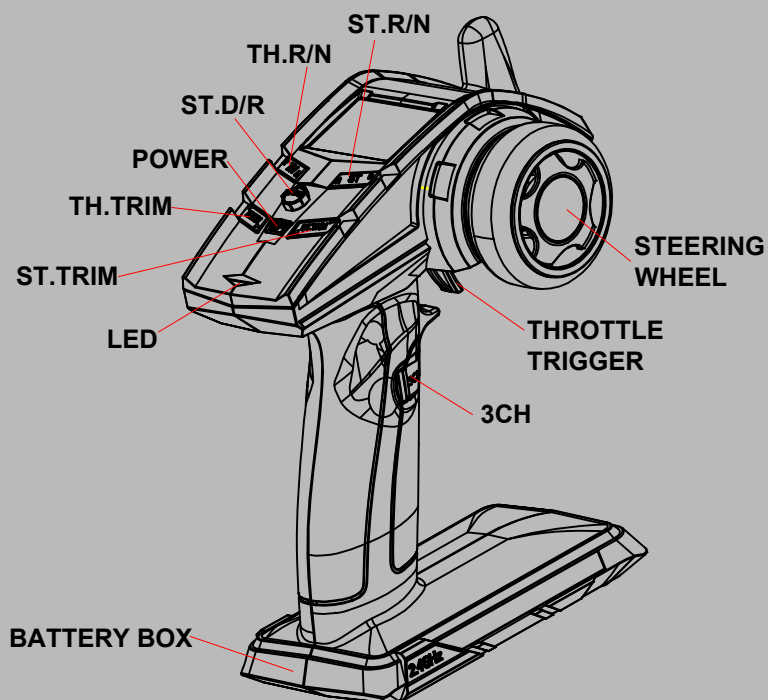


Install the batteries

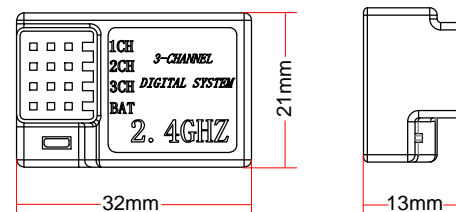
- (1) Remove the battery compartment cover.
- (2) Replace the used batteries with new AA size batteries

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

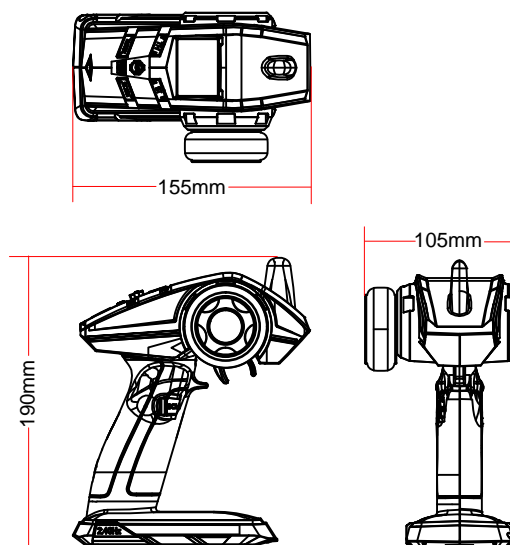
TRANSMITTER DIAGRAM



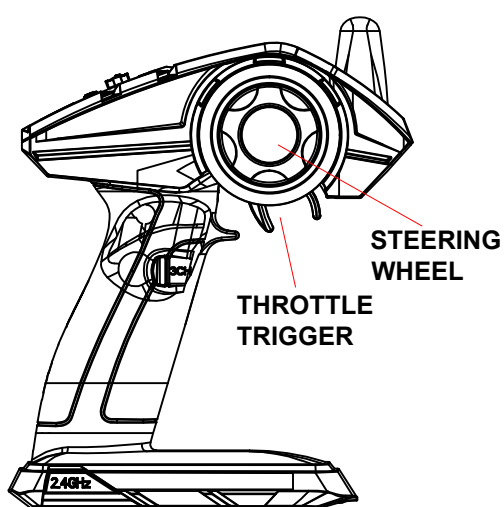
Receiver Size



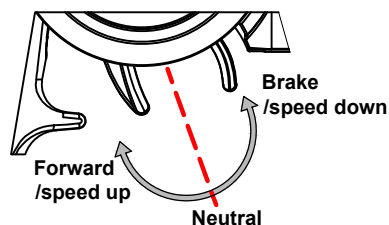
Transmitter Size



Transmitter Adjustment



Throttle Trigger

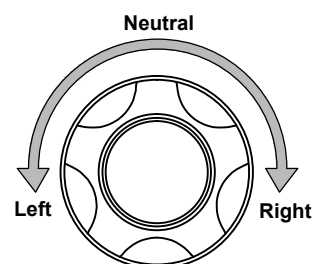


1. Push the trigger forward to slow down or brake.
2. Pull the trigger backward to accelerate.

Throttle Trim : Position the throttle trigger at the neutral position, adjust the throttle trim accordingly

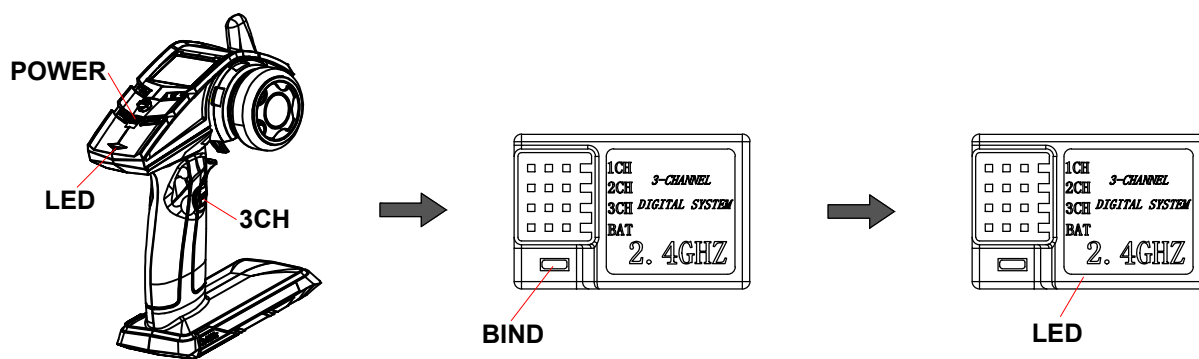
Steering Trim: If the front wheel does not align straight, use the steering trim to make adjustment

Steering Wheel



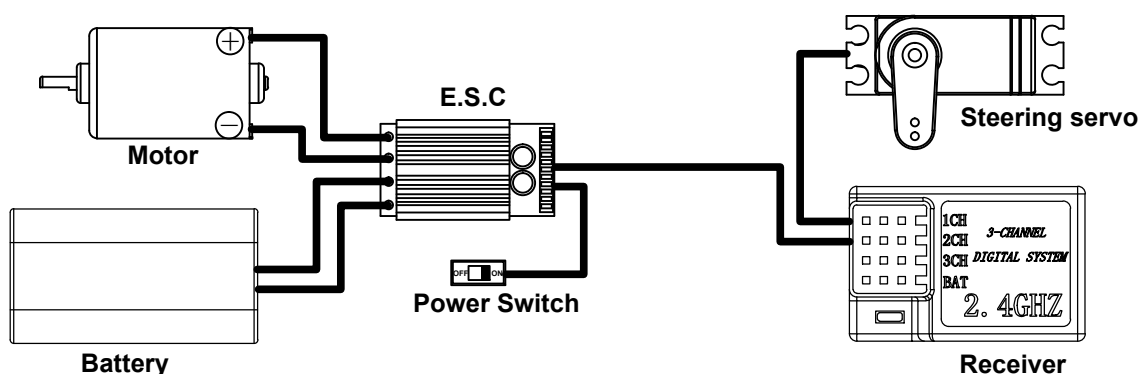
Turn the steering wheel counterclockwise to turn left, turn the steering wheel clockwise to turn right.

Binding the transmitter and receiver



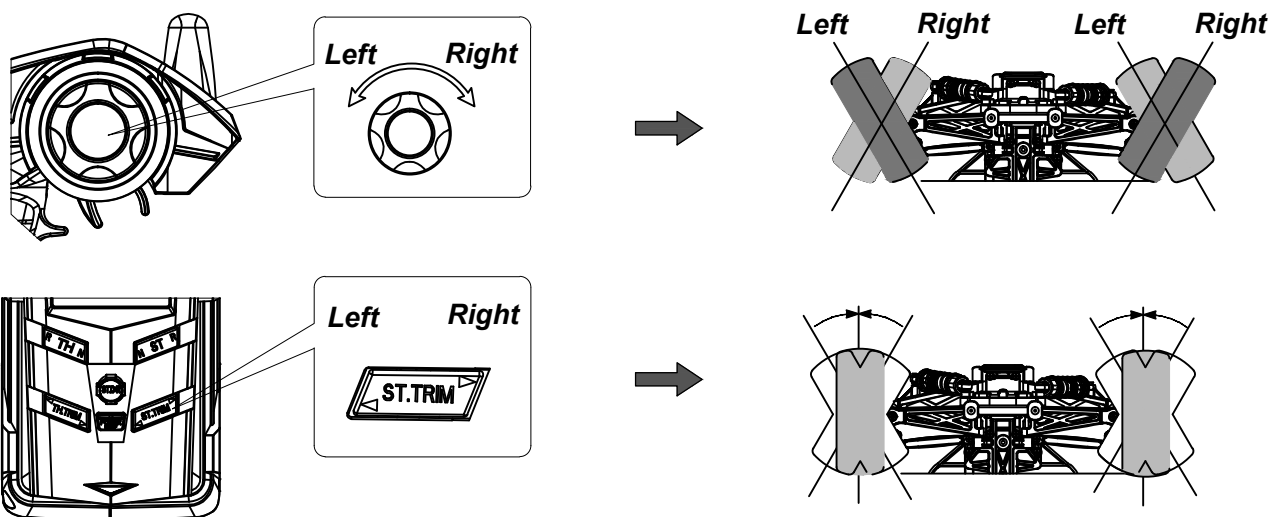
Transmitter (TR) with batteries and keep 3CH button switch on, the TR LED blue light flashing and buzzer sound "B-B-B..." It is in matching status. then receiver(RX) connect power, the RX LED green light slow flash, putting RX close TR and keep RX BIND button till LED green light quick flash several 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.

SPECIFICATIONS

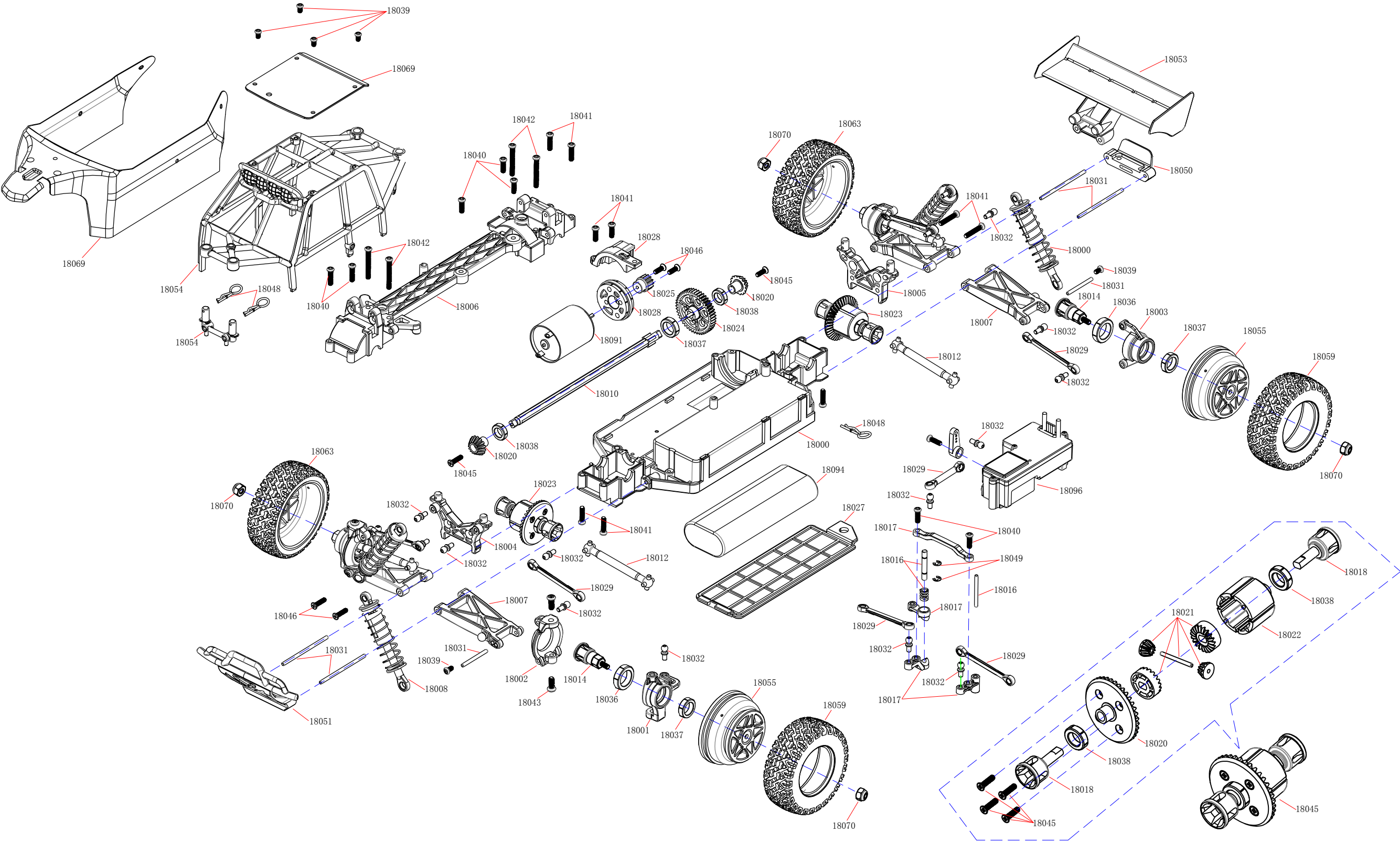
Model	Code	Length	Width	Height	Wheel Dia	Wheel Width	Weight
Buggy	E18XB	225mm	180mm	72mm	61.5mm	26mm	516g
Truggy	E18XT	255mm	187mm	88mm	66mm	33mm	552g
Desert Buggy	E18DB	255mm	162mm	98mm	62mm	22mm	570g
Monster Truck	E18MT	240mm	190mm	96mm	68mm	35mm	575g
Short Course	E18SC	258mm	182mm	100mm	62mm	22mm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

Explode Diagram of the Buggy

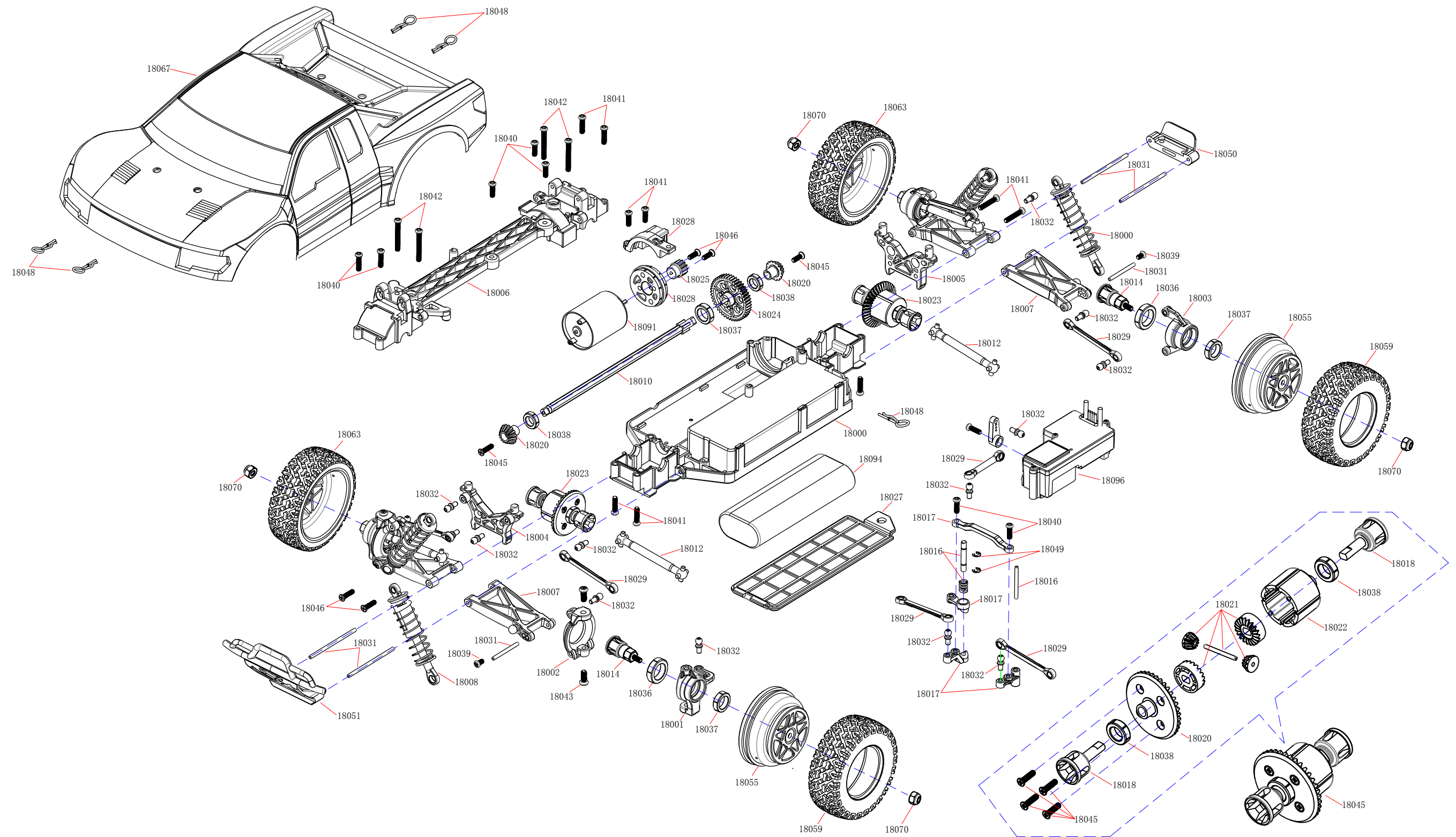
This is a detailed technical explode diagram of a four-wheeled buggy. The diagram illustrates the assembly hierarchy, with components shown in their relative positions as they would be assembled. Each part is labeled with a unique numerical identifier. The main components include:

- Chassis and Frame:** The central body (18000) and various structural beams and supports (e.g., 18001, 18002, 18003, 18004, 18005, 18006, 18007, 18008, 18009, 18010, 18011, 18012, 18013, 18014, 18015, 18016, 18017, 18018, 18019, 18020, 18021, 18022, 18023, 18024, 18025, 18026, 18027, 18028, 18029, 18030, 18031, 18032, 18033, 18034, 18035, 18036, 18037, 18038, 18039, 18040, 18041, 18042, 18043, 18044, 18045, 18046, 18047, 18048, 18049, 18050, 18051, 18052, 18053, 18054, 18055, 18056, 18057, 18058, 18059, 18060, 18061, 18062, 18063, 18064, 18065, 18066, 18067, 18068, 18069, 18070, 18071, 18072, 18073, 18074, 18075, 18076, 18077, 18078, 18079, 18080, 18081, 18082, 18083, 18084, 18085, 18086, 18087, 18088, 18089, 18090, 18091, 18092, 18093, 18094, 18095, 18096, 18097, 18098, 18099, 18100, 18101, 18102, 18103, 18104, 18105, 18106, 18107, 18108, 18109, 18110, 18111, 18112, 18113, 18114, 18115, 18116, 18117, 18118, 18119, 18120, 18121, 18122, 18123, 18124, 18125, 18126, 18127, 18128, 18129, 18130, 18131, 18132, 18133, 18134, 18135, 18136, 18137, 18138, 18139, 18140, 18141, 18142, 18143, 18144, 18145, 18146, 18147, 18148, 18149, 18150, 18151, 18152, 18153, 18154, 18155, 18156, 18157, 18158, 18159, 18160, 18161, 18162, 18163, 18164, 18165, 18166, 18167, 18168, 18169, 18170, 18171, 18172, 18173, 18174, 18175, 18176, 18177, 18178, 18179, 18180, 18181, 18182, 18183, 18184, 18185, 18186, 18187, 18188, 18189, 18190, 18191, 18192, 18193, 18194, 18195, 18196, 18197, 18198, 18199, 18200, 18201, 18202, 18203, 18204, 18205, 18206, 18207, 18208, 18209, 18210, 18211, 18212, 18213, 18214, 18215, 18216, 18217, 18218, 18219, 18220, 18221, 18222, 18223, 18224, 18225, 18226, 18227, 18228, 18229, 18230, 18231, 18232, 18233, 18234, 18235, 18236, 18237, 18238, 18239, 18240, 18241, 18242, 18243, 18244, 18245, 18246, 18247, 18248, 18249, 18250, 18251, 18252, 18253, 18254, 18255, 18256, 18257, 18258, 18259, 18260, 18261, 18262, 18263, 18264, 18265, 18266, 18267, 18268, 18269, 18270, 18271, 18272, 18273, 18274, 18275, 18276, 18277, 18278, 18279, 18280, 18281, 18282, 18283, 18284, 18285, 18286, 18287, 18288, 18289, 18290, 18291, 18292, 18293, 18294, 18295, 18296, 18297, 18298, 18299, 18300, 18301, 18302, 18303, 18304, 18305, 18306, 18307, 18308, 18309, 18310, 18311, 18312, 18313, 18314, 18315, 18316, 18317, 18318, 18319, 18320, 18321, 18322, 18323, 18324, 18325, 18326, 18327, 18328, 18329, 18330, 18331, 18332, 18333, 18334, 18335, 18336, 18337, 18338, 18339, 18340, 18341, 18342, 18343, 18344, 18345, 18346, 18347, 18348, 18349, 18350, 18351, 18352, 18353, 18354, 18355, 18356, 18357, 18358, 18359, 18360, 18361, 18362, 18363, 18364, 18365, 18366, 18367, 18368, 18369, 18370, 18371, 18372, 18373, 18374, 18375, 18376, 18377, 18378, 18379, 18380, 18381, 18382, 18383, 18384, 18385, 18386, 18387, 18388, 18389, 18390, 18391, 18392, 18393, 18394, 18395, 18396, 18397, 18398, 18399, 18400, 18401, 18402, 18403, 18404, 18405, 18406, 18407, 18408, 18409, 18410, 18411, 18412, 18413, 18414, 18415, 18416, 18417, 18418, 18419, 18420, 18421, 18422, 18423, 18424, 18425, 18426, 18427, 18428, 18429, 18430, 18431, 18432, 18433, 18434, 18435, 18436, 18437, 18438, 18439, 18440, 18441, 18442, 18443, 18444, 18445, 18446, 18447, 18448, 18449, 18450, 18451, 18452, 18453, 18454, 18455, 18456, 18457, 18458, 18459, 18460, 18461, 18462, 18463, 18464, 18465, 18466, 18467, 18468, 18469, 18470, 18471, 18472, 18473, 18474, 18475, 18476, 18477, 18478, 18479, 18480, 18481, 18482, 18483, 18484, 18485, 18486, 18487, 18488, 18489, 18490, 18491, 18492, 18493, 18494, 18495, 18496, 18497, 18498, 18499, 18500, 18501, 18502, 18503, 18504, 18505, 18506, 18507, 18508, 18509, 18510, 18511, 18512, 18513, 18514, 18515, 18516, 18517, 18518, 18519, 18520, 18521, 18522, 18523, 18524, 18525, 18526, 18527, 18528, 18529, 18530, 18531, 18532, 18533, 18534, 18535, 18536, 18537, 18538, 18539, 18540, 18541, 18542, 18543, 18544, 18545, 18546, 18547, 18548, 18549, 18550, 18551, 18552, 18553, 18554, 18555, 18556, 18557, 18558, 18559, 18560, 18561, 18562, 18563, 18564, 18565, 18

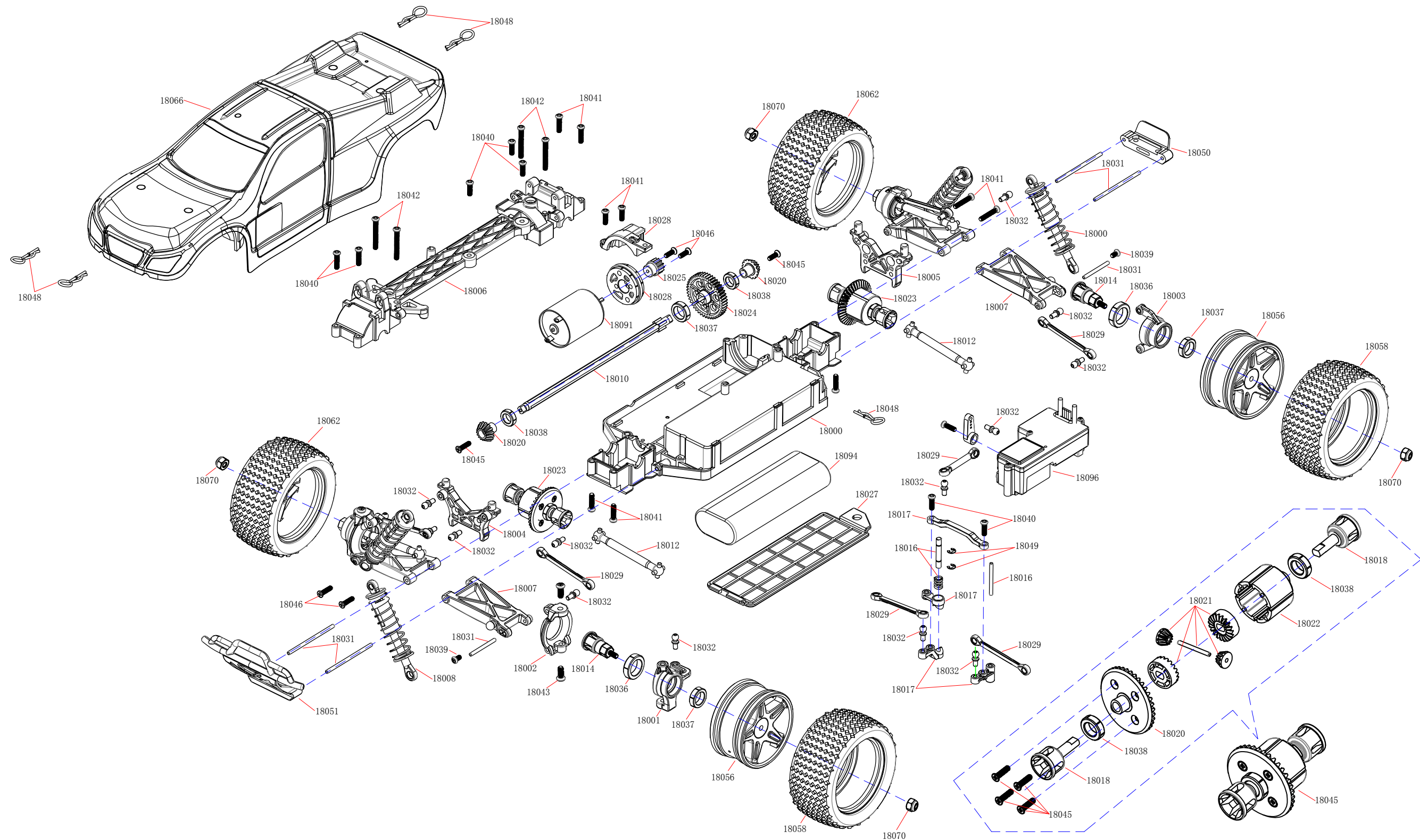
Explode Diagram of the Desert Buggy



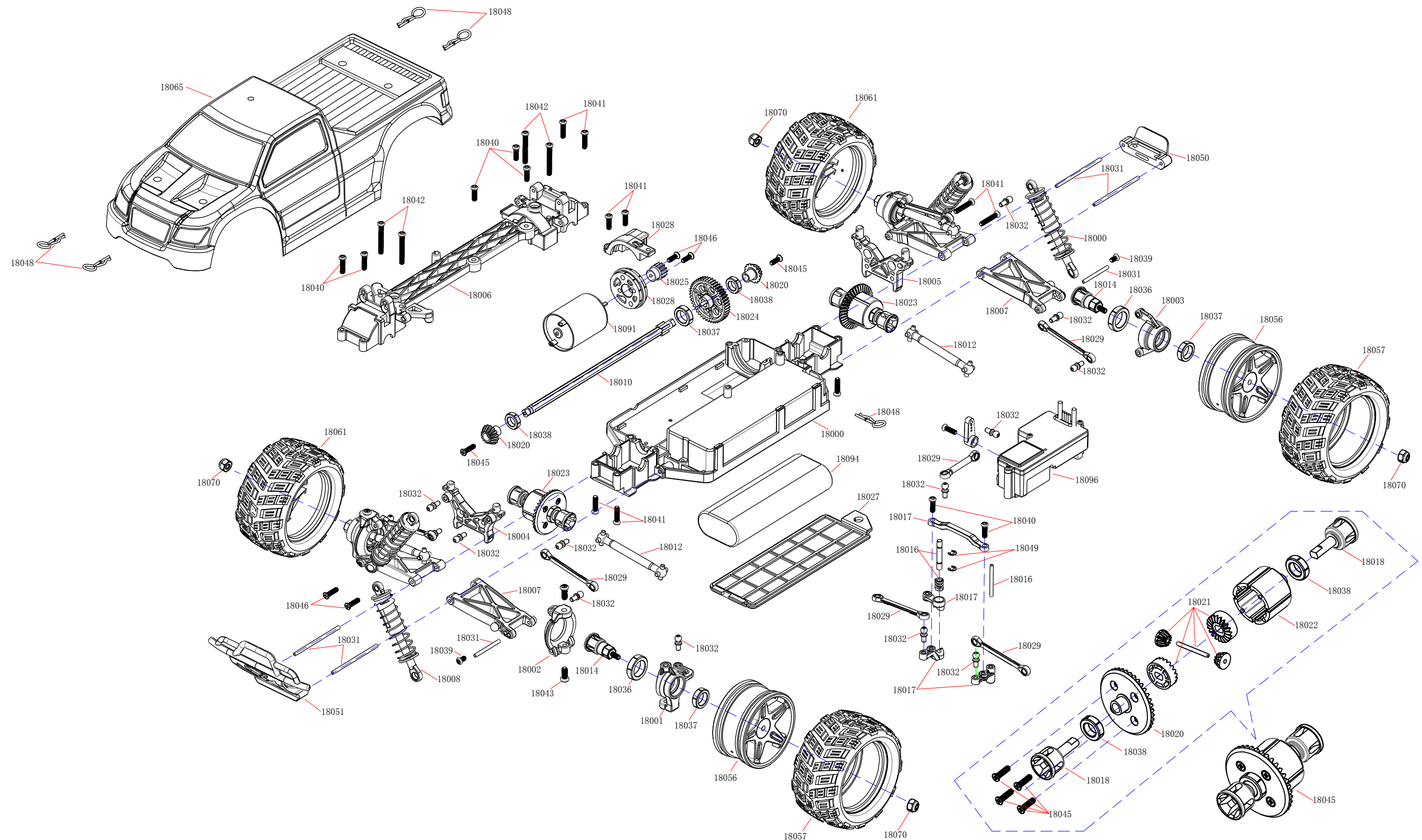
Explode Diagram of the Short Course



Explode Diagram of the Truck

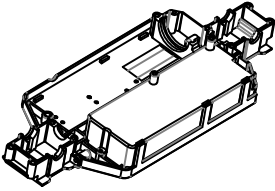


Explode Diagram of the Monster Truck



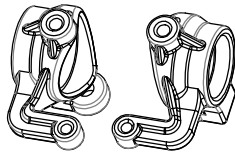
Parts List

18000



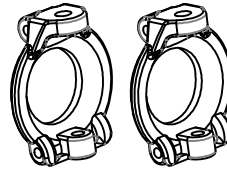
Chassis

18001



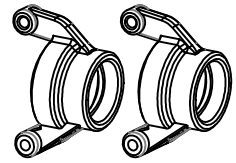
Knuckle Arms

18002



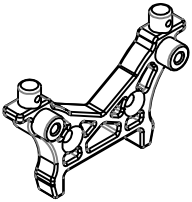
C-Hub

18003



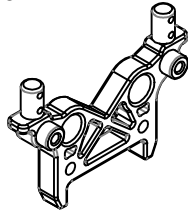
Rear Hub

18004



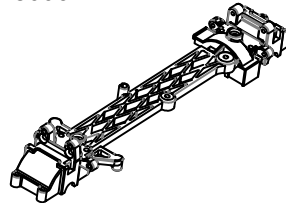
Front Shock Tower

18005



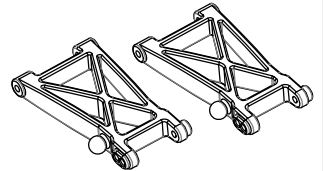
Rear Shock Tower

18006



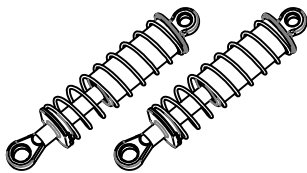
Upper Deck

18007



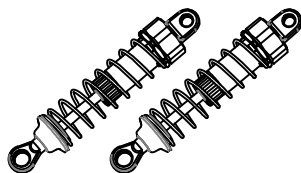
Lower Susp Arm

18008



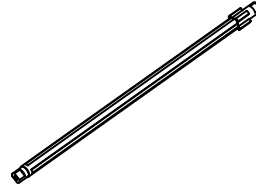
Shock Absorbers

18009



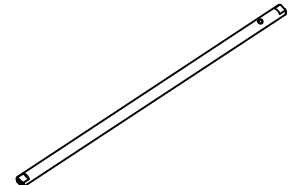
Shock Absorbers(AL)

18010



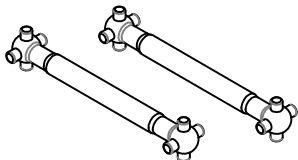
Center Drive Shaft

18011



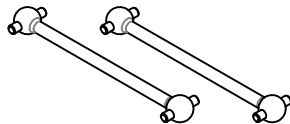
Center Drive Shaft(AL)

18012



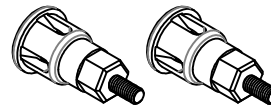
Drive Shaft

18013



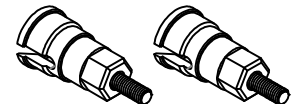
Drive Shaft Metal

18014



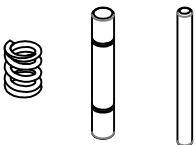
Rear Wheel Axle

18015



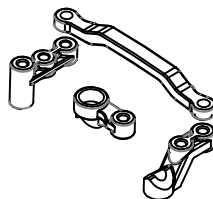
Rear Wheel Axle Metal

18016



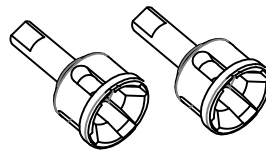
Servo Shaft/Spring

18017



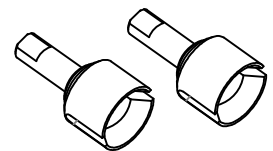
Servo Saver

18018



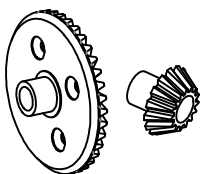
Diff Outdrives Plastic

18019



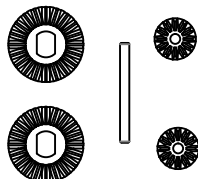
Diff Outdrives Metal

18020



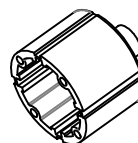
Diff Gear 38/15T

18021



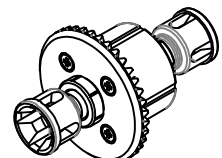
Diff Gear 24/12T

18022



Diff Case

18023



F/R Diff Gear 1 Set

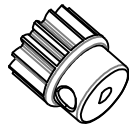
Parts List

18024



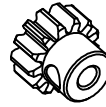
Main Gear

18025



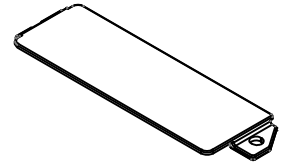
Pinion Gear Plastic 13T

18026



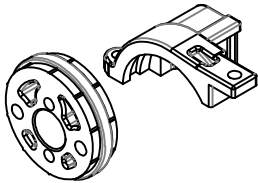
Pinion Gear Metal 13T

18027



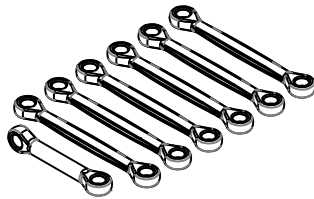
Battery Cover

18028



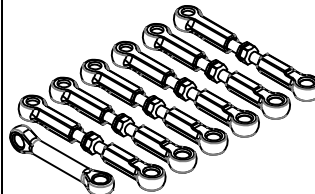
Motor Mount 1 Set

18029



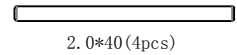
Steering Linkage

18030

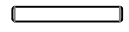


Steel Steering Linkage

18031



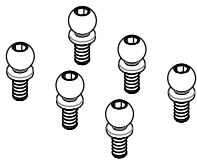
2.0*40 (4pcs)



2.0*22 (6pcs)

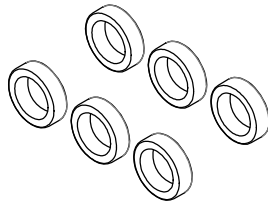
Pins

18032



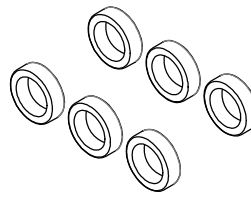
Ball Head Screw M2.5

18033



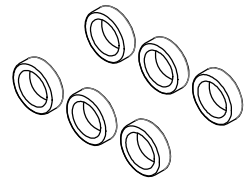
Ball Bearing 10*15*4

18034



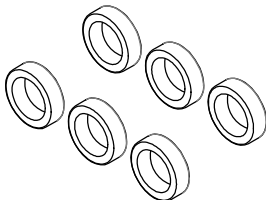
Ball Bearing 8*12*3.5

18035



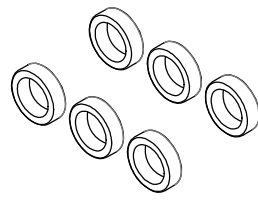
Ball Bearing 6*10*3

18036



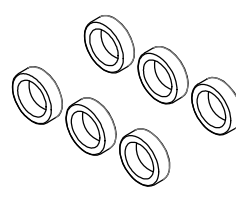
Bushing 10*15*4

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

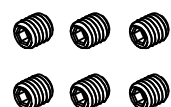
18046



6pcs

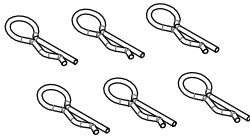
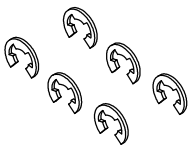
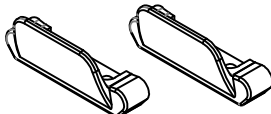
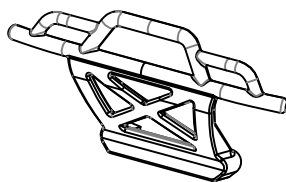

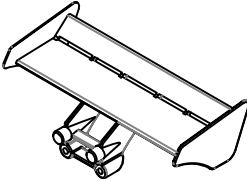
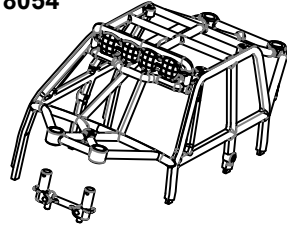
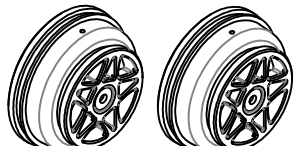

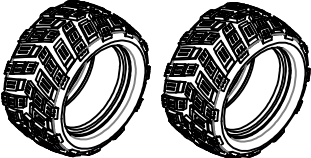
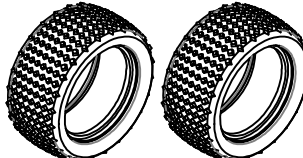
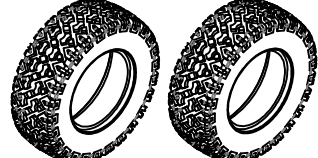
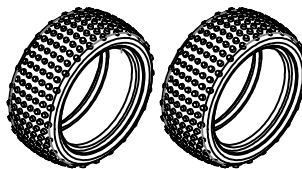
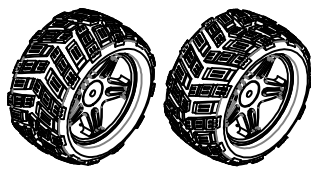
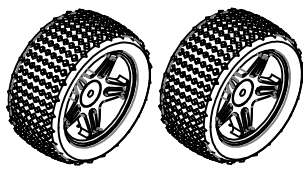
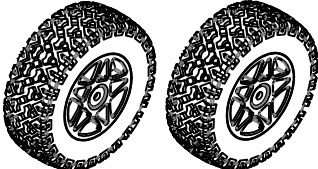
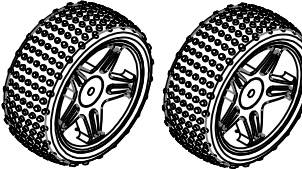
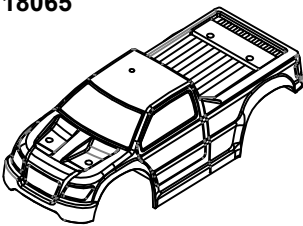
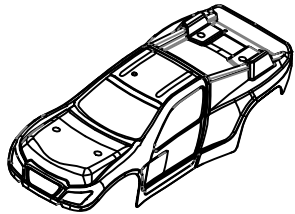
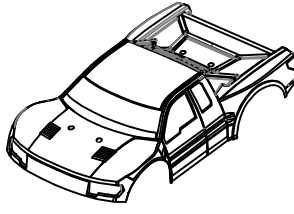
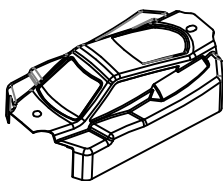
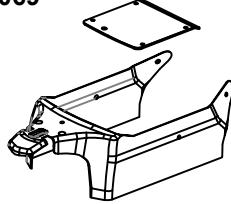
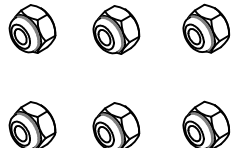
Flat Head Screws 2.6*10

18047



Grub Screws M3*3

Parts List

<p>18048</p>  <p>R-Clips</p>	<p>18049</p>  <p>E-Clip</p>	<p>18050</p>  <p>Bumper</p>	<p>18051</p>  <p>Front Bumper</p>
<p>18052</p>  <p>Buggy Body Post</p>	<p>18053</p>  <p>Buggy Wing</p>	<p>18054</p>  <p>Routing Frame</p>	<p>18055</p>  <p>Desert Buggy/Short Course Wheel</p>
<p>18056</p>  <p>Buggy/Monster/Truggy Wheel</p>	<p>18057</p>  <p>Monster Tire&Foam</p>	<p>18058</p>  <p>Truggy Tire&Foam</p>	<p>18059</p>  <p>Desert Buggy/Short Course Tire&Foam</p>
<p>18060</p>  <p>Buggy Tire&Foam</p>	<p>18061</p>  <p>Monster Tire Set</p>	<p>18062</p>  <p>Truggy Tire Set</p>	<p>18063</p>  <p>Desert Buggy/Short Course Tire Set</p>
<p>18064</p>  <p>Buggy Tire Set</p>	<p>18065</p>  <p>Monster Truck Body</p>	<p>18066</p>  <p>Truggy Body</p>	<p>18067</p>  <p>Short Course Body</p>
<p>18068</p>  <p>Buggy Body</p>	<p>18069</p>  <p>Desert Buggy Body</p>	<p>18070</p>  <p>Lock Nuts M3</p>	

Optional Pars List

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

Electronics List

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