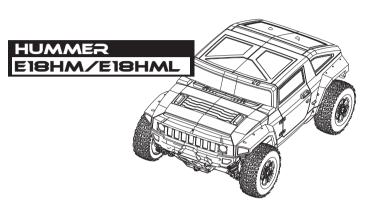
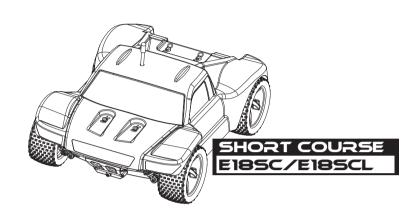
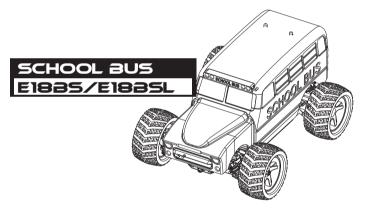
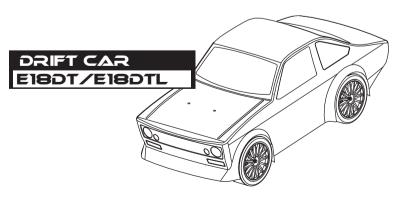
1/18TH SCALE ELECTRIC OFF-ROAD INSTRUCTION MANUAL













Before You Start Assembling

Thank you for purchasing our Ready To Run 1/18 scale electric off-road vehicle. This manual contains the basic methods of operation, assembly details, and related accessories. Operators 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.

Service and Maintenance

In order not to void car warranty, always keep your buggy 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.

Tools Needed 5.5 7Wrench **Cross Wrench(big)** 2.5 2.0 1.5Allen key 2. 5**mm-**5. 5**mm** □= 2.0mm = 7 mm1.5**mm** ~ **Hobby Scissors Cross Wrench(small) Needle Nose Plier** Reamer **Apply CA glue** Charger 5.5mmOpen end wrench 000000000000000000 Grease Silicone Oil 1.2V AA Battery

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 (charge 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 4AA 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.

Do not mix alkaline batteries, standard(carbon-zinc) or rechargeable(Nickel-Cadmium) batteries.

DIGITAL PROPORTIONAL SYSTEM

EAGE MT-201

System Specifications

Transmitter

Model: MT-201T

RF Output Power: <100mW
Operating Voltage: 4.8 or 6V

Power Supply: 4 Cell Alkaline/Ni-Cd/Ni-MH Frequency/Modulation Type: 2.4GHz FHSS

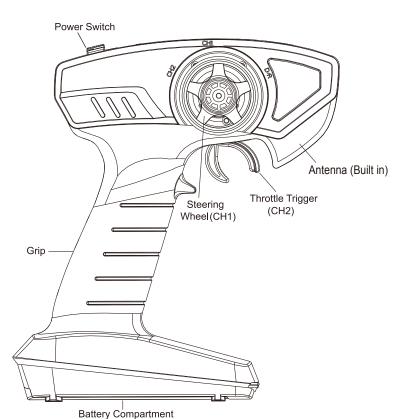
Receiver

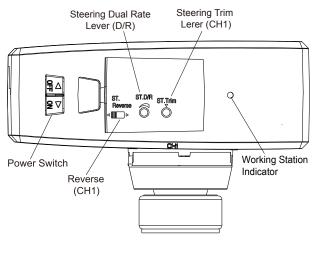
Model: MT-201RE

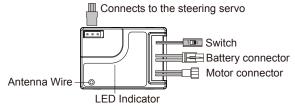
Frequency: 2.4GHz FHSS

Operating Voltage: 6.0~8.4V(Alkaline/Ni-Cd/Ni-MH)

6.0~7.4V(Li-poly 2s)







Installing the Transmitter Batteries



Open the battery holding tray to expose the empty battery slots.

Insert 4 AA batteries into the marked spaces. Please note the correct direction of the batteries



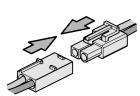
Incorrect battery insertion could damage the transmitter

2.4Ghz technology has done away with the need for long extendable aerials. The Aerial on your transmitter is located internally

Installing the battery pack

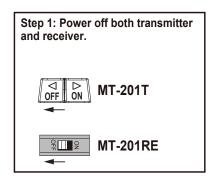


You need to insert the battery pack in the open section for the battery. Use the chassis cut-out for corner wiring if needed. Use the straps provided to secure the battery in place.

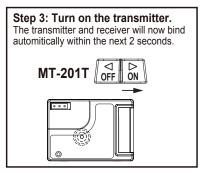


Once fastened and secured please connect the battery plug into the speed controller plug noting correct polarity. Red to red, black to black.

MT-201T &MT-201RE Bind

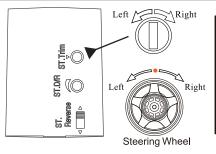


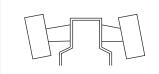




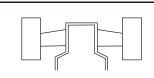
Once the receiver LED stays lit the binding is complete.

CH1(Steering)Trim

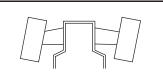




If the wheels point to the left or the car wonders left while at neutral position adjust to the right (CW)

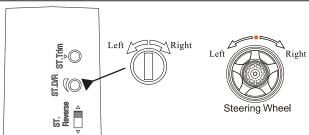


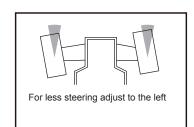
If your car tracks straight and wheels appear straight, do not adjust.

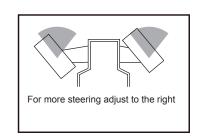


If the wheels point to the right or the car wonders right while at neutral position adjust to the left (CCW)

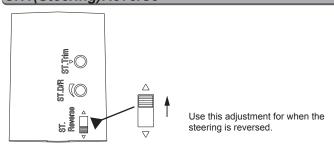
CH1(Steering Dual-Rate)D/R

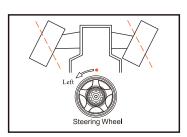


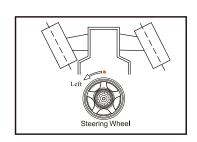




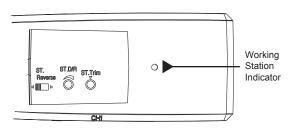
CH1(Steering)Reverse







MT-201T LED Display



LED ON: Power on

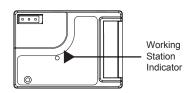
LED Rapid Flash: Steering wheel and/or the throttle trigger are

not in the netutral position, turn off the remote make sure they are neutral and turn on again

LED Slow Flash: Low-voltage warning

LED OFF: Power off

MT-201RE LED Display



LED ON: Connected

LED Rapid Flash: The singal is interrupted LED Slow Flash: Low-voltage warning

LED OFF: Power off

DIGITAL PROPORTIONAL SYSTEM

EAGE MT-301

System Specifications

Transmitter

Model: MT-301TX

Output Power: <100mW
Operating Voltage: 4.8 or 6V

Power Supply: 4 Cell Alkaline/Ni-Cd/Ni-MH Frequency/Modulation Type: 2.4GHz FHSS Receiver

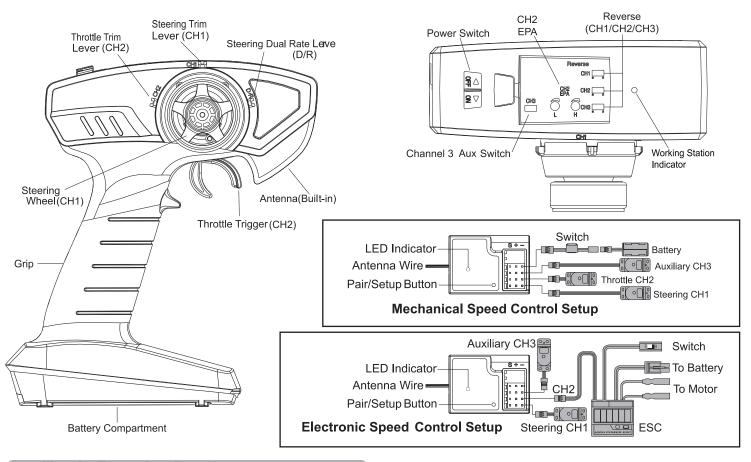
Model: MT-301RX

Frequency: 2.4GHz FHSS

Operating Voltage: 6.0~8.4V(Alkaline/Ni-Cd/Ni-MH)

7.4~11.1V(Li-poly3S)

Fail Safe: Yes (All Channels)



Installing the Transmitter Batteries



Open the battery holding tray. Insert 4 AA batteries into the marked spaces. Please note the correct direction of the batteries.

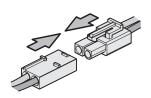


Incorrect battery insertion could damage the transmitter. This 2.4Ghz transmitter has an internal Antenna.

Installing the battery pack



You need to insert the battery pack in the open section for the battery. Use the chassis cut-out for corner wiring if needed. Use the straps provided to secure the battery in place.



Once fastened and secured please connect the battery plug into the speed controller plug noting correct polarity. Red to red, black to black.

MT-301TX &MT-301RX Bind



MT-301TX



MT-301RX



MT-301RX

Power off the transmitter. Press and hold the binding button on the receiver, in the meantime, turn the receiver on , the LED flashes quickly.loosen the button.





MT-301RX

Turn the transmitter on, it will bind with the receiver automatically. If the LED indicator on the receiver. becomes and stays contin -uously lit, the binding is successfully setup.

The receiver can only receive the signals transmitted by the transmitter once they are in successfully binding. Generally the two of them have been paired before leaving the factory, please check before use. If not, users can setup the binding according to the following steps.

If the LED light is flashing or OFF, the setup failed. Please shorten the distance between the transmitter and the receiver, bind again. Long binding distance can cause setup failure, so please do not keep the receiver far away from the transmitter.

Fail-Safe setup procedure





MT-301TX





MT-301RX

Turn on the power switches of both the transmitter and receiver, the LED indicator lights should both be on.



MT-301RX



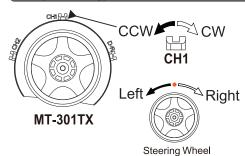
MT-301TX CH2

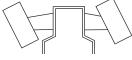
Press and hold the receiver setup button for 2 seconds, the LED rapid flash,in 5 sec -onds.put CH2 in the brake condition and hold it until the LED continuesly lit. Please note transmitter must be paired with receiver before setting up the S/F mode. The model car has been preset at a F/S mode to be automatically braked after running out of control. Check before use whether the the F/S mode still works. If not, follow these steps to reset.



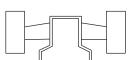
Any new binding of the transmitter and receiver should clear the preset fail-safe.

CH1(Steering)Trim

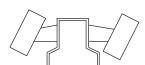




If the wheels point left, turn CH1 anti-clockwise.

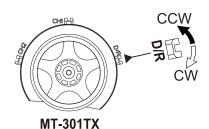


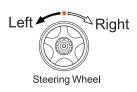
If they point straight no adjustment required.

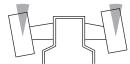


If wheels point right, turn CH1 clockwise.

CH1(Steering Dual-Rate)D/R





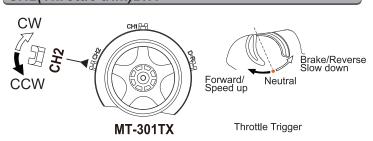


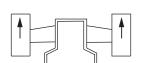
If the steering angle is too small, adjust the D/R counter-clockwise.



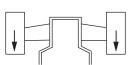
If the steering angle is too large, adjust the D/R clockwise

CH2(Throttle trim)D/R



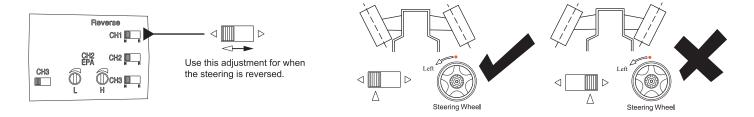


If the wheels move forward without operation, adjust the CH2 clockwise.

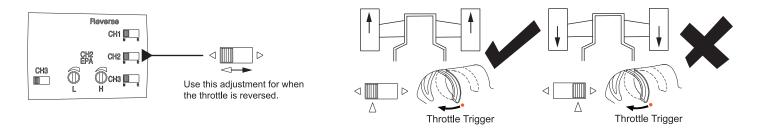


If the wheels move backward without operation, adjust the CH2 counter-clockwise.

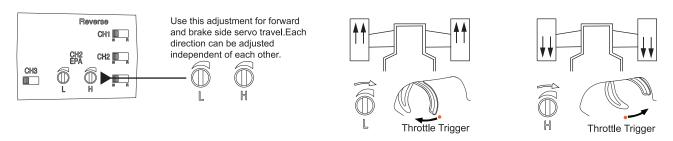
CH1(Steering Reverse)



CH2(Throttle Reverse)



CH2(Throttle end point)



Receiver's antenna installation

The wave length of the 2.4GHz is much shorter than that of the conventional frequencies, it is very susceptible to loss of signal which results in a receiving error.

To obtain the best results, please refer to the following instructions;

- 1.The antenna must be kept as straight as possible. Otherwise it will reduce the effective range.
- 2.The antenna should be perpendicular to the model. Larger models can have large metal objects that can attenuate the RF signal. In this case the antennas should be placed at sides of the model. Then the best RF signal condition is obtained at any attitude.
- 3.The antennas must be kept away from conductive materials, such as metal and carbon by at least a half inch. The coaxial part of the antennas does not need to follow these guidelines, but do not bend it in a small radius.
- 180°
 Coaxial part

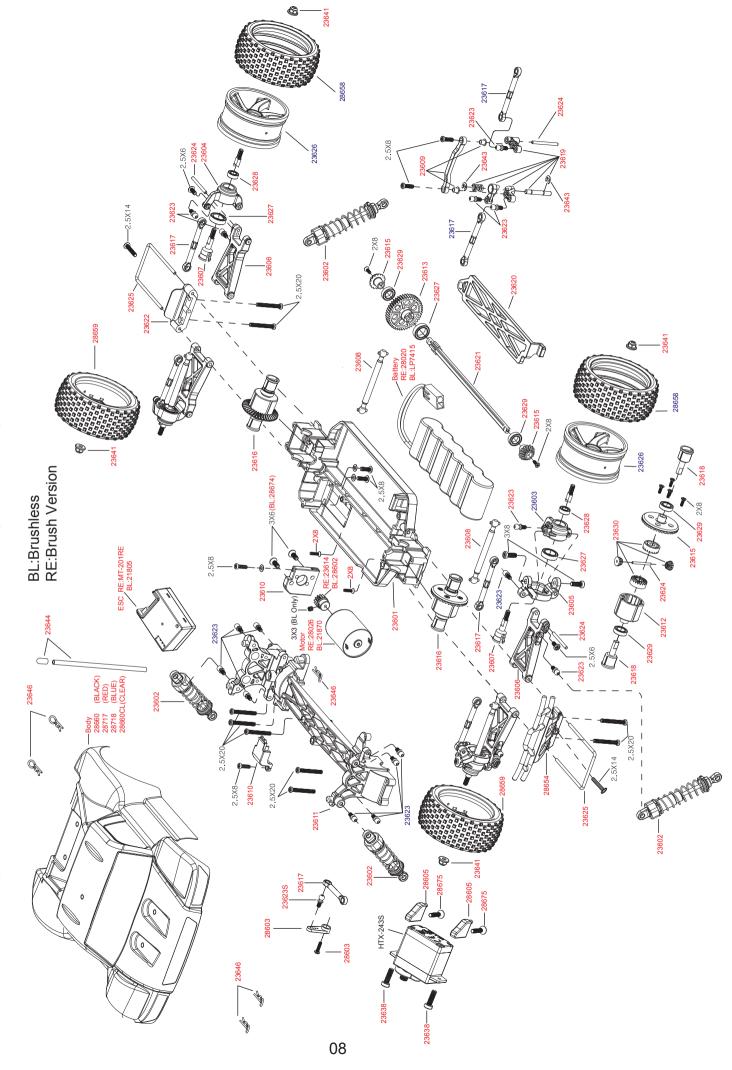
Antenna

- 4. Keep the antennas away from the motor, ESC, and other noise sources as much as possible.
- *The main purpose of the photo demonstrates how the antenna should be placed. For actual installation the receiver must be wrapped with a sponge or placed with floating material to protect it from vibration.



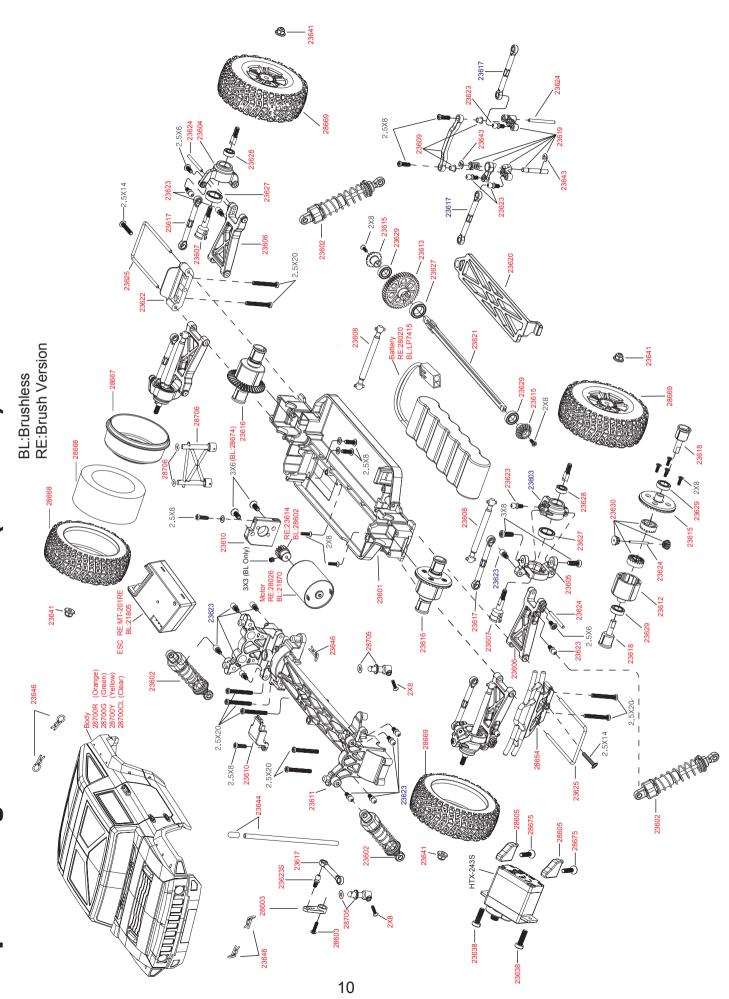
The receiver contains precision electronic parts. It is the most delicate radio component on-board the model and should be protected from vibration, shock and temperature extremes. To protect the receiver, wrap it in R/C foam rubber or other vibration-absorbing material. If appropriate, waterproof the receiver by placing it in a plastic bag and closing the open end with a rubber band before wrapping it in foam. If moisture enters the receiver, intermittent operation or a failure may result. Wrapping the receiver in a plastic bag also protects it from fuel and exhaust residue which, in some models, can work its way into the model.

Explode Diagram of the Short Course (SC/SCL)

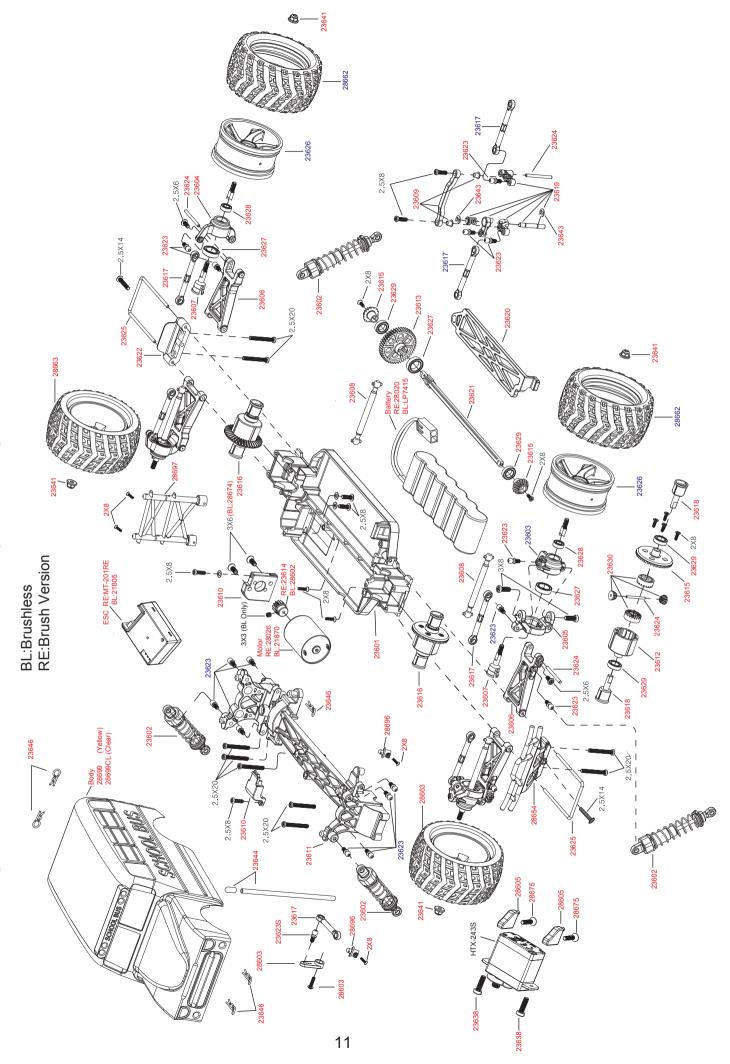


2.5X6 **Explode Diagram of the Desert Buggy (DB/DBL)** BL:Brushless RE:Brush Version 09

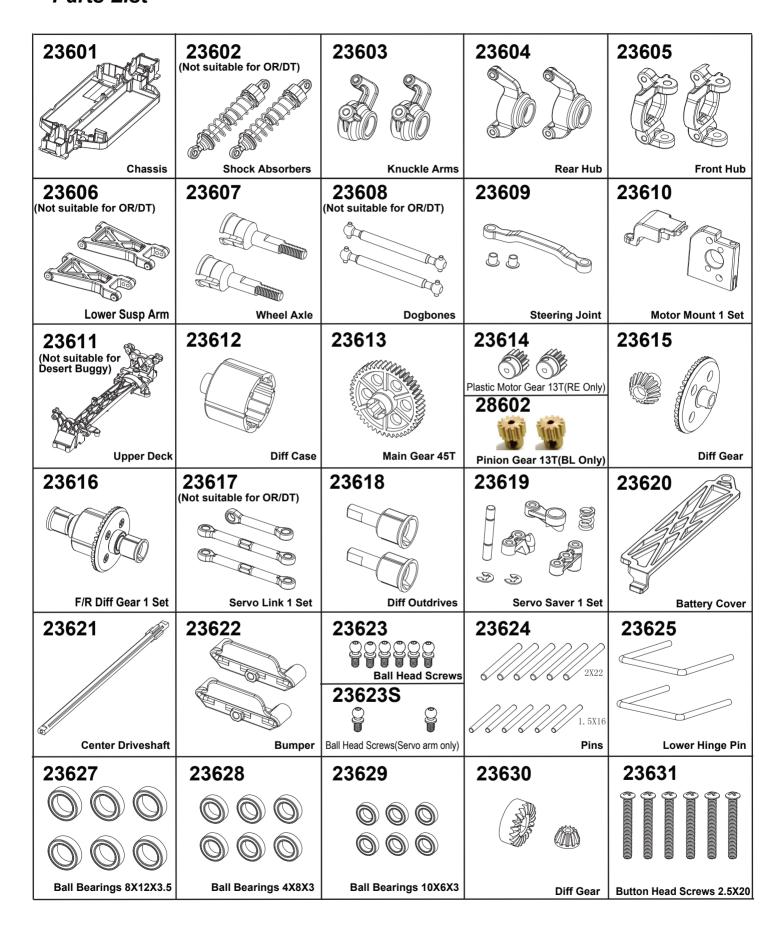
Explode Diagram of the Hummer (HM/HML)

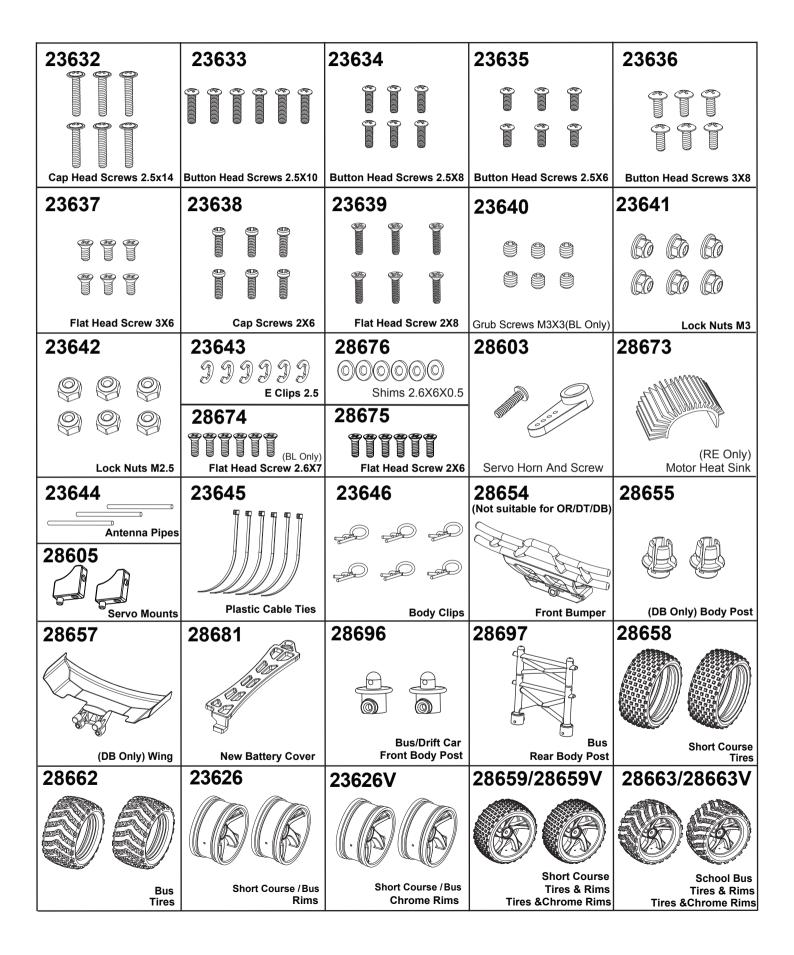


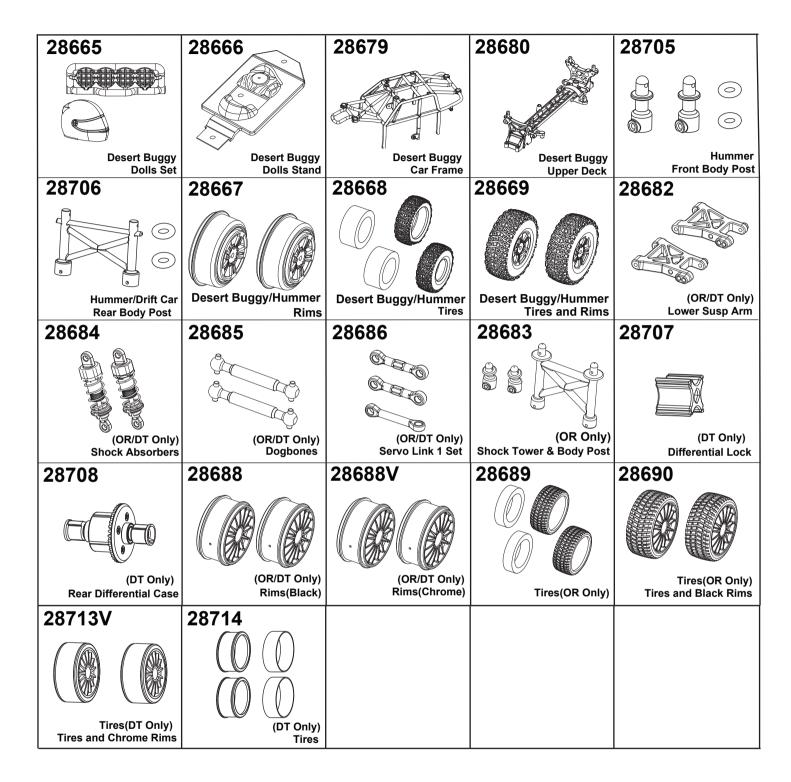
Explode Diagram of the School Bus (BS/BSL)



7 2X8 -2.5X14 23641 BL:Brushless RE:Brush Version Explode Diagram of the Drift car (DT/DTL) 3X6 (BL:28674) 23618 ESC RE:MT-201RE BL:21805 3X3 (BL Only) Body 28733R (Red) 28733G (Green) 28733Y (Yellow) 28733CL (Clear) HTX-243S Body 28715R (Red) 28715G (Green) 28715B (Blue) 28715CL (Clear) 13



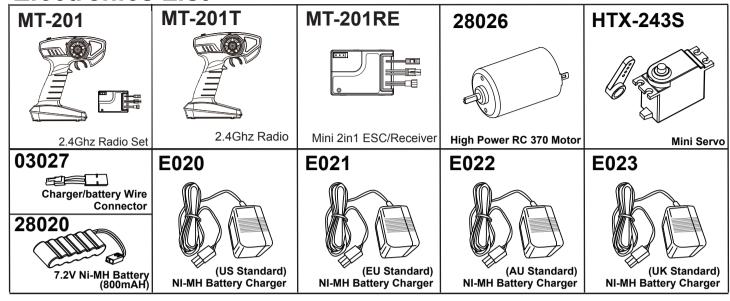




Optional Parts List



Electronics List



Brushless Version

