

INTRODUCTION

This sheet details the differences between your new brushless 1/12th scale electric off-road buggy/truck/truggy and the original brushed motor versions.

First, read through the contents of this sheet to familiarize yourself with your new brushless buggy/truck/truggy, then read through the original instruction manual included separately to familiarize yourself with the rest information.

2.4GHZ RADIO CONTROLLER



- A: Steering Wheel
- B: Trigger
- C: Battery Case
- 1: Steering Trim
- 2: Steering Reverse
- 3: Red Indicator
- 4: Power Switch
- 5: Steering Dual Rate
- 6: Throttle Trim
- 7: Throttle Reverse
- 8: Green Indicator
- 9: Bind/Mode button

Steering Wheel: It proportionally operates the model's right and left steering control.

Battery Case: It requires 3pcs of AA size batteries.

Power Switch: It is used to turn the radio controller ON/OFF.

Steering Dual Rate Dial: It allows you to change the amount of steering servo travel compared to the amount of physical movement of the steering wheel.

Throttle /Steering Trims: They are used to adjust the center trim of the throttle/steering channel.

Steering Reverse: It allows you to electronically switch the direction of steering servo travel. For example, if you move the steering wheel to the right and the steering servo moves to the left, flip the Steering Reverse Switch to make the steering servo move to the left.

Throttle Reverse: It allows you to electronically switch the direction that the motor operates in relation to the throttle trigger. For example, if you pull the throttle trigger to accelerate forward, but the model goes in reverse, flip the Throttle Reverse Switch to make the model accelerate forward.

Trigger: It controls the speed and braking ability of your car. Pull it to accelerate, release it to decelerate, and push it to brake. Pushing it a second time activates the reverse feature.

Indicators: It shows battery power level. Green indicator flashing means battery power is not enough. As long as both red and green indicator goes flashing indicating that the radio controller runs out of battery power, you must replace with fresh batteries immediately.

Bind/Mode button: It is used to bind your car with the 2.4GHz radio controller.

BATTERY INSTALLATION

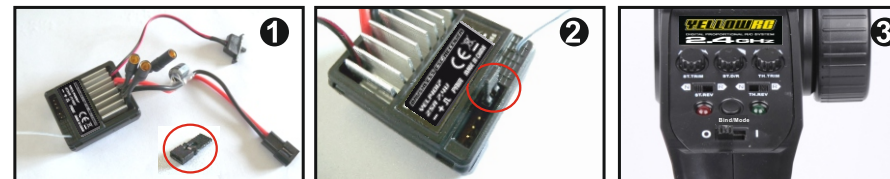


- 1) Slide the battery cover as shown, and according to the illustrations of polarities, install 3pcs of AA size batteries.
- 2) Replace the battery cover after batteries are installed.

NOTES:

- Use batteries of same type.
- Remove batteries from the case if not in use.
- Always check the battery power.
- Dispose of exhausted batteries properly.

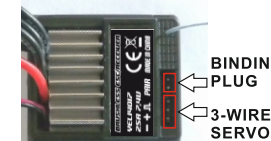
BRUSHLESS ESC/RECEIVER



Your 1/12th scale brushless buggy/truck/truggy is installed with the integrated brushless ESC/Receiver which comes with the binding plug. (See Figure 1)

Follow the instructions below to bind your car with the radio controller:

- 1) Switch off the brushless ESC/Receiver, insert the binding plug in place (See Figure 2), and then switch on the brushless ESC/Receiver.
- 2) Press and hold BIND/MODE button on the radio controller, switching on the radio power switch. Your car is completely bound with the radio controller.
- 3) Unplug the binding plug after binding operation is completed.



BINDING PLUG
3-WIRE SERVO

TO CHARGE THE BATTERY PACK

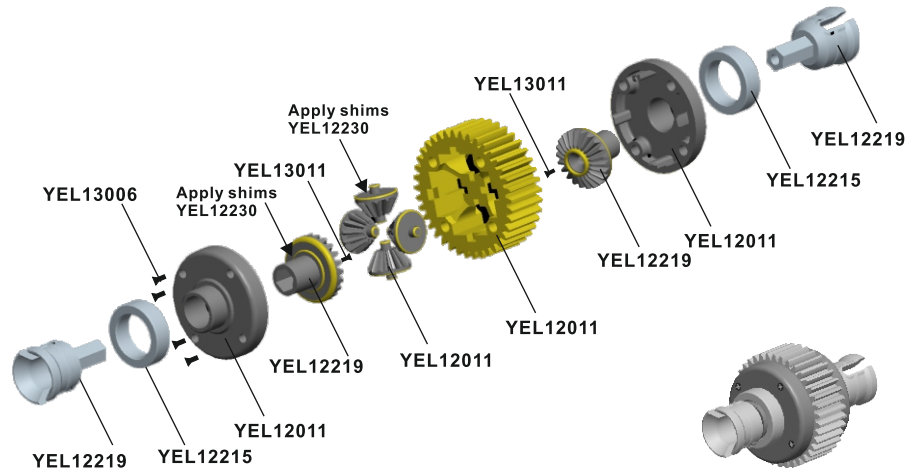
1/12th scale 2WD brushless buggy/truggy/truck come with one 7.4V, 1500mAh Li-ion battery pack. We offer various chargers which are different from country to country.

This sort of charger must apply with the balancer.

- 1) Connect your battery to the charger with the help of the balancer in between.
- 2) Plug the charger into a charging socket. Both the red and green indicator on the balancer are bright on when the battery pack is being charged. The red indicator light going out, the green indicator remains bright when battery is fully charged. The charging time is around 3.5-4 hours.
- 3) Do not charge your battery pack unattended.
- 4) Do not overcharge your battery pack.



REAR DIFF. ASSEMBLY



NOTES:

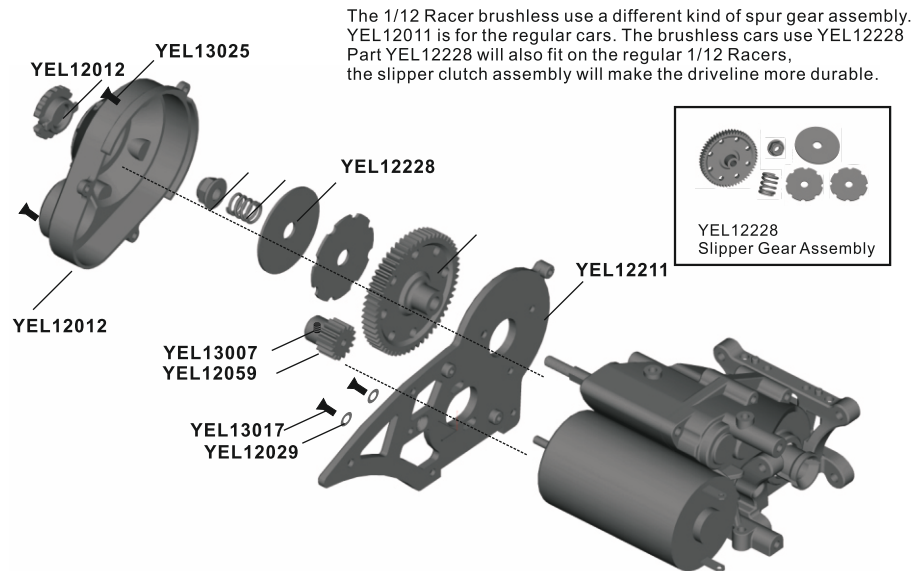


The Brushless differential pinions are different from the ones found in the regular 1/12 Racers. Use part YEL12229 for the Brushless 1/12 Racers.



The Brushless rear differential outdrives are different from the ones found in the regular 1/12 Racers. Use part YEL12219 for the Brushless 1/12 Racers.

MOTOR/SLIPPER GEAR ASSEMBLY



PARTS FOR BRUSHLESS VERSION

YEL13029  Shock Balls (14.8*4.8) 8P	YEL12216  Ball Bearings (5*8*2.5mm) 6P	YEL13030  Ball Bolts (14.8*11.2) 8P	YEL12217  Ball Bearings (4*9*4mm) 6P
YEL12215  Ball Bearings (8*12*3.5mm) 6P	YEL12018  Front Axles (Metal)	YEL12007  Front Aluminium shock set	YEL12008  Front Aluminium shock set
YEL12218  Rear Axles (Ferric)	YEL12219  Rear Diff. Outdrive (Metal) (Flat Edged Shaft)	YEL12210  Aluminum Chassis Side Plates A	YEL12211  Aluminum Chassis Side Plates B
YEL12212  Aluminum Servo Plate	YEL12213  Aluminum Shock Tower (Front And Rear)	YEL12214  Aluminum Suspension Mount (2pcs)	YEL12220  Drive Shafts (Metal)
YEL12228  Slipper Gear Assembly	YEL12229  Diff. Pinion Gears	YEL12230  Shims 3.1*5*0.15(8P) Shims 6.2*12.5*0.2(4P)	
YEL14010  Charger 12V,500mA charger	YEL14011  European Standard Adaptor-12V,500mA	YEL14012  2.2KG 3-WIRE SERVO	YEL14013  LI-ION Battery Pack (7.4V, 1500mAH)
YEL14016  Brushless Motor (2848KV3800)	YEL14017  Brushless ESC/Receiver	YEL14019  2.4Ghz Transmitter	