

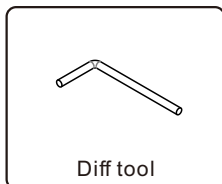
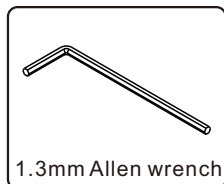


Instruction and Assembly Manual

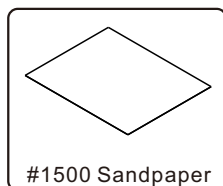
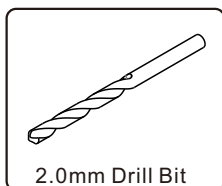
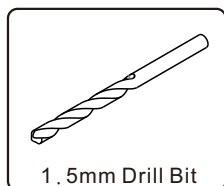
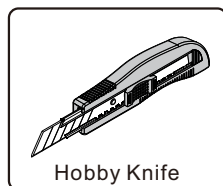
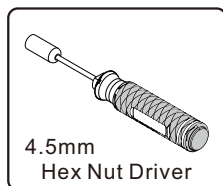
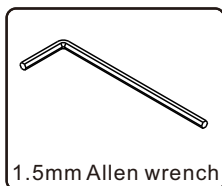
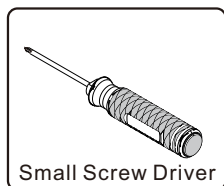
Version 1.1 (Jan 2018)

Thank you for purchasing the SZ . This chassis is a high performance competition machine for 1:28 scale. Please read this manual in detail in order to have proper assembly of this product and wish you have fun with it.

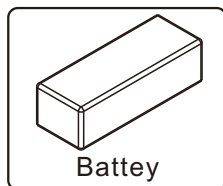
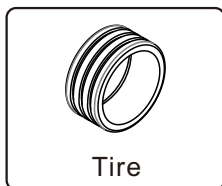
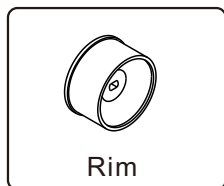
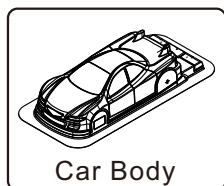
Tools Included :



Tools Needed (Not Included) :

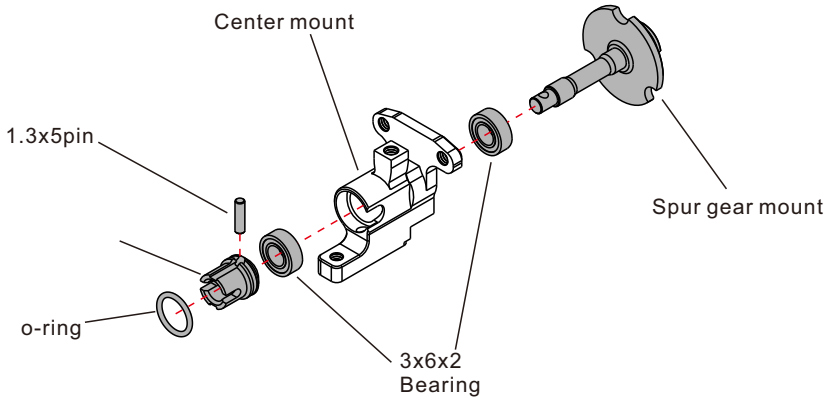


Equipment required :



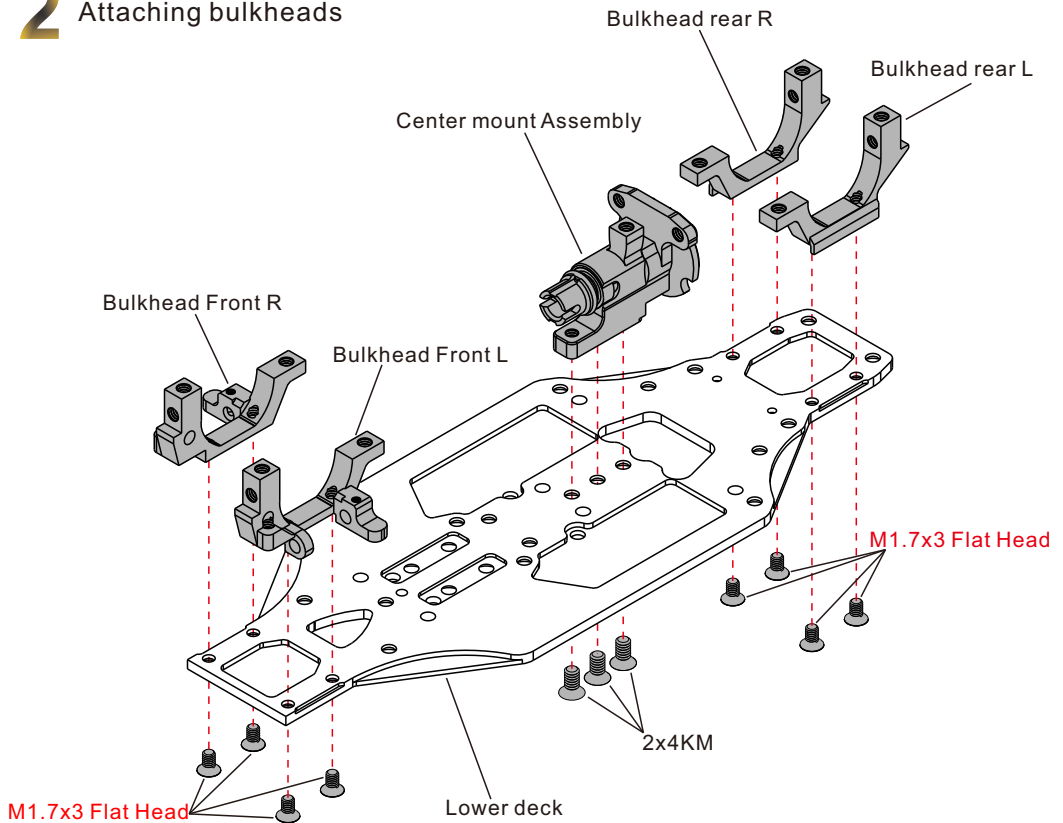
1

Attaching Spur Gear mount



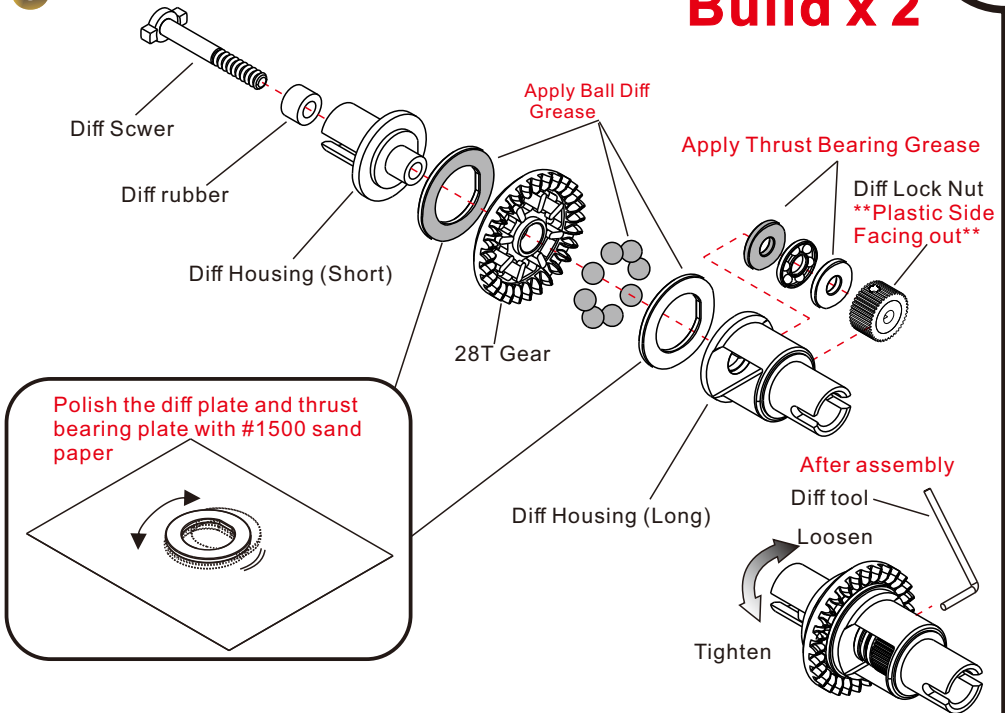
2

Attaching bulkheads



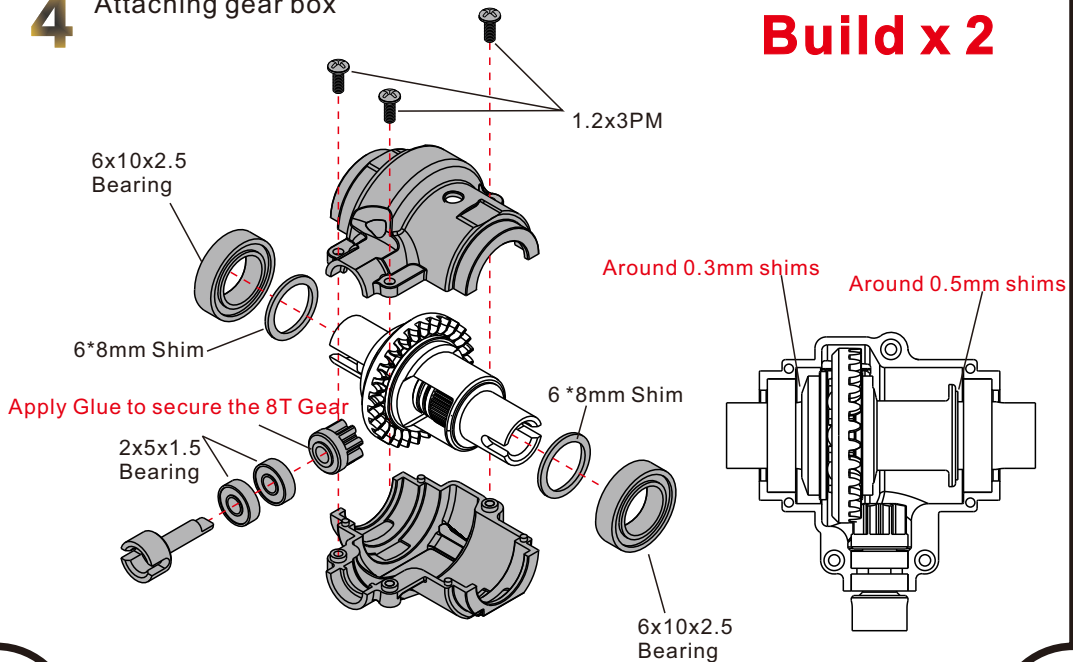
3 Ball differential

Build x 2



4 Attaching gear box

Build x 2



5 Attaching Spur Gear

$$\left(\frac{\text{Spur gear}}{\text{Motor Pinion}} \times 3.50 \right) = \text{Gear ratio}$$

Spur gear

Motor
Pinion

| | 39 | 40 | 41 |
|----|------|------|------|
| 20 | 6.83 | 7.00 | 7.18 |
| 21 | 6.50 | 6.67 | 6.83 |
| 22 | 6.20 | 6.36 | 6.52 |
| 23 | 5.93 | 6.09 | 6.24 |
| 24 | 5.69 | 5.83 | 5.98 |

Spur Gear
(39/40/41)

6x8x1.5mm
O-ring

Recommend Gear Ratio:

3500KV : 5.83

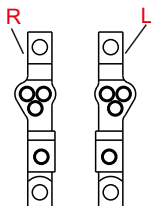
5500KV : 6.09

7000KV : 6.20

9000KV : 6.83

6 Attaching Gear Box to rear

Upper Rear Bulkhead



Upper Rear
Bulkhead R

Upper Rear
Bulkhead L

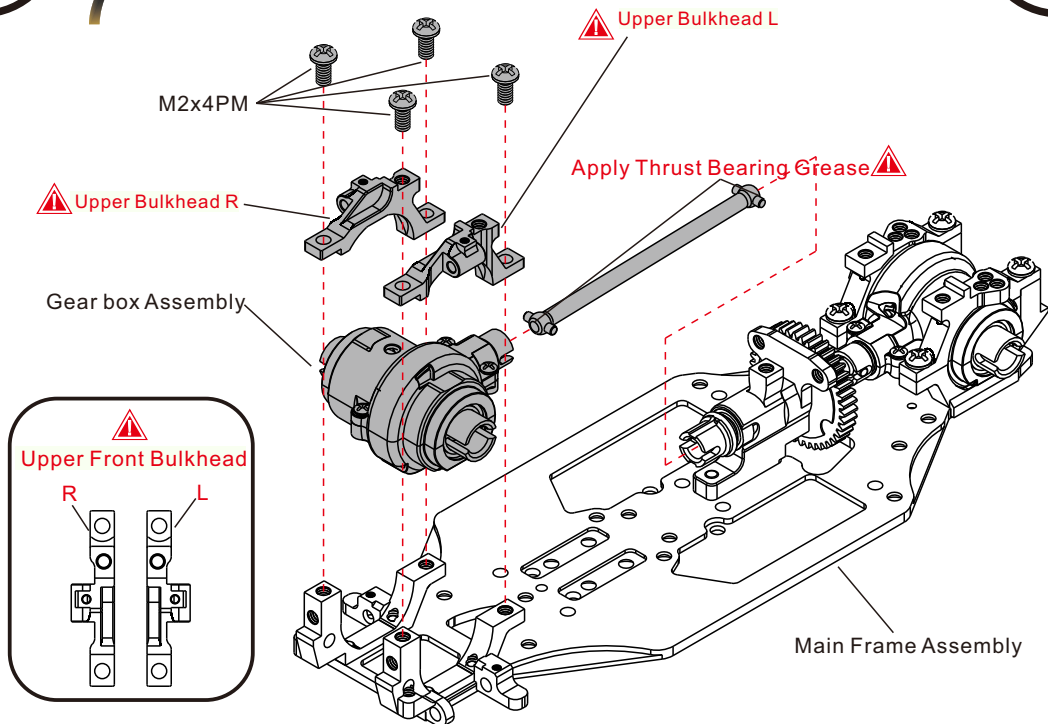
Gear box Assembly

Apply Thrust Bearing Grease

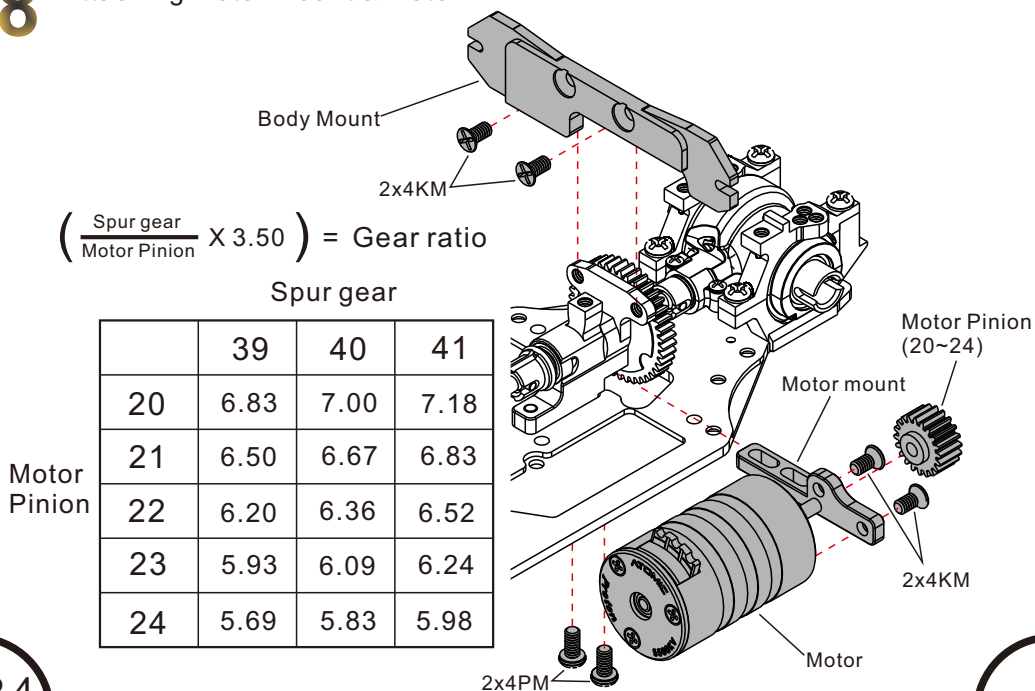
Main Frame Assembly

M2x4PM

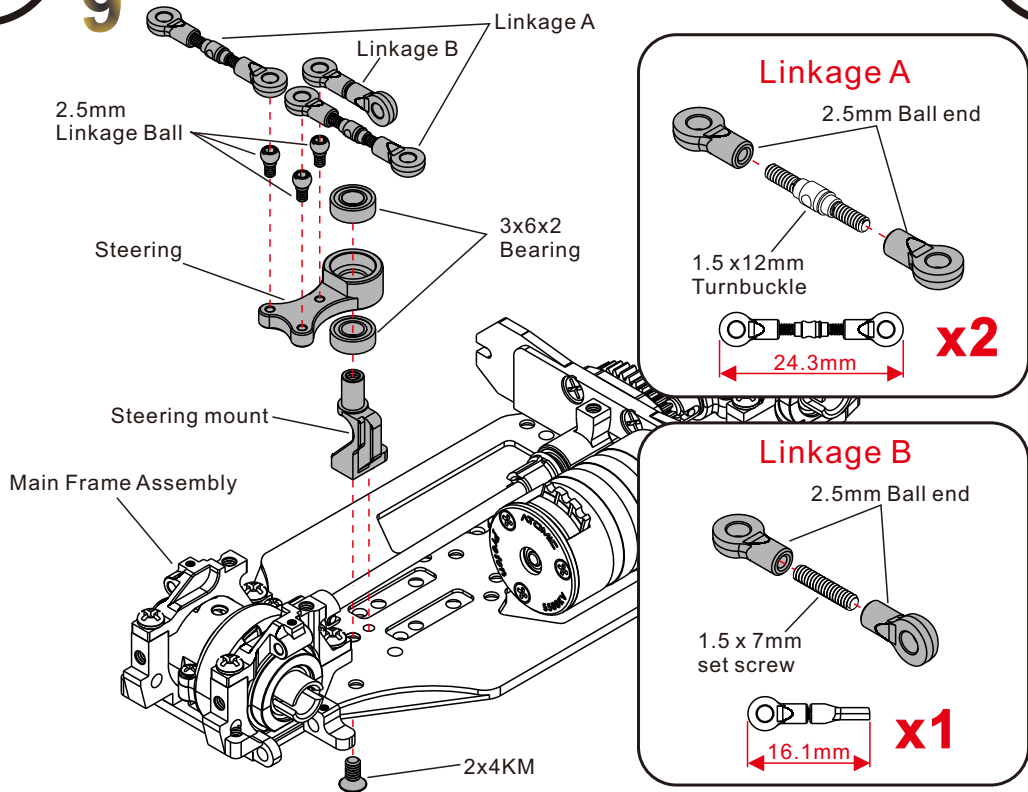
7 Attaching Gear Box to Front



8 Attaching Motor mount & motor

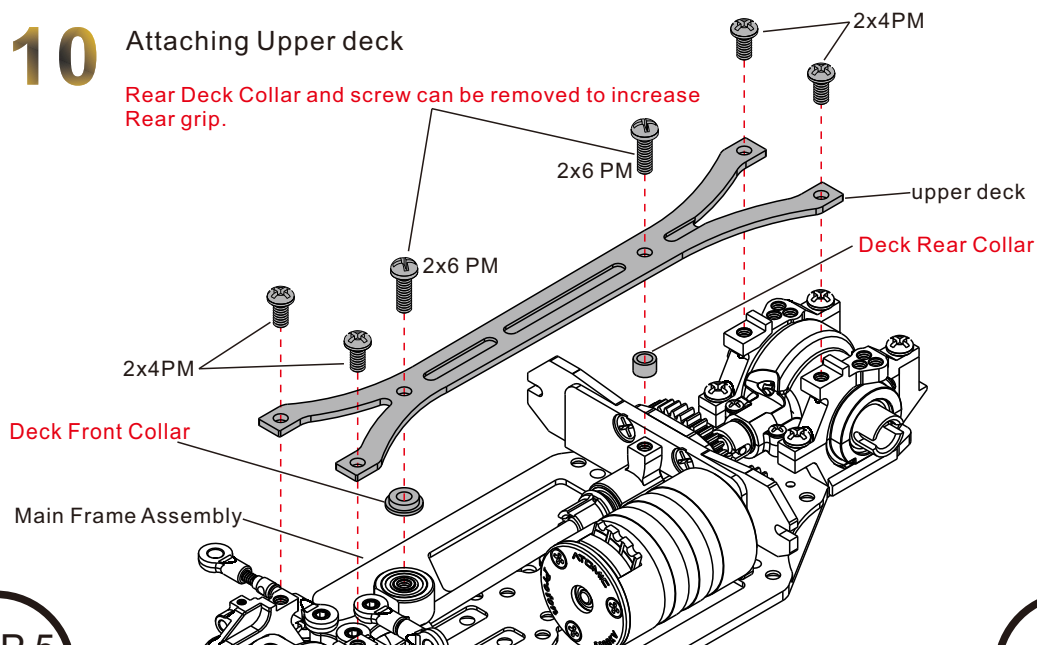


9 Attaching steering system



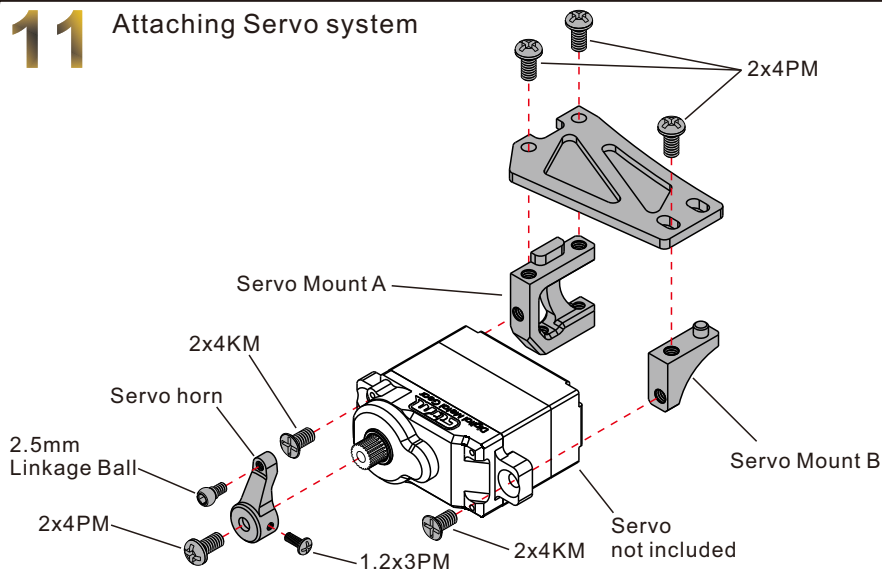
10 Attaching Upper deck

Rear Deck Collar and screw can be removed to increase Rear grip.



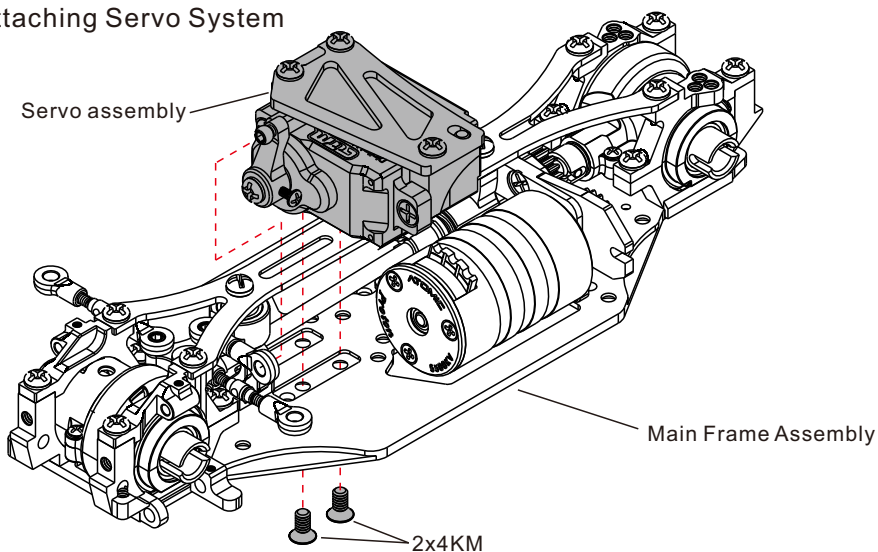
11

Attaching Servo system



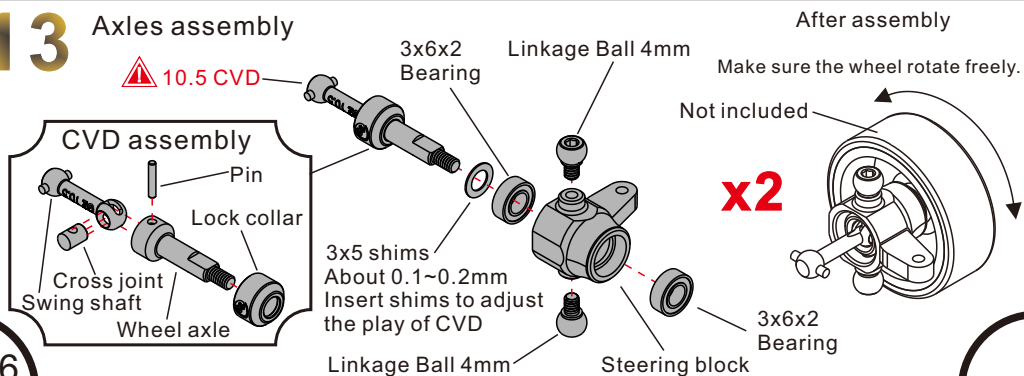
12

Attaching Servo System



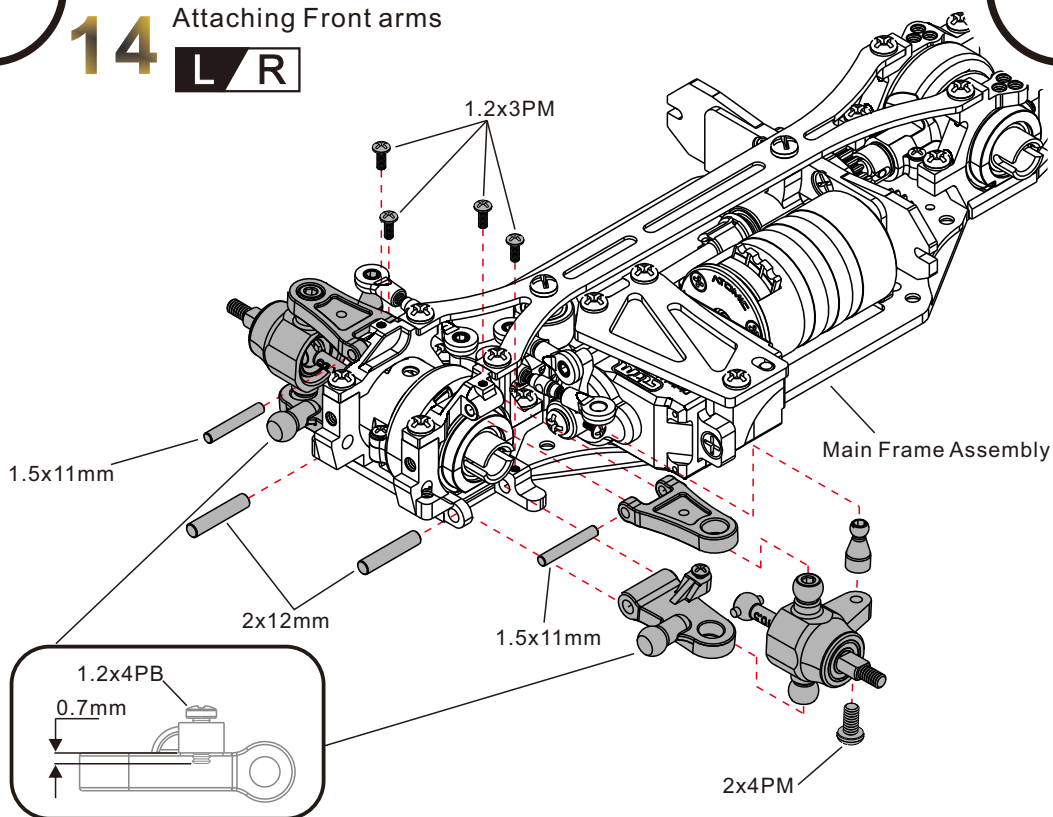
13

Axes assembly

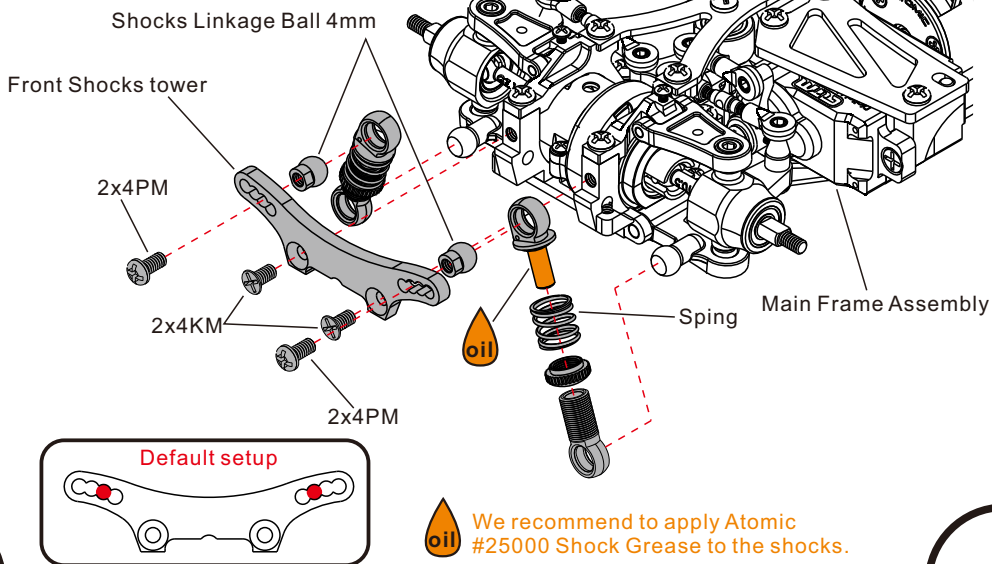


14 Attaching Front arms

L R

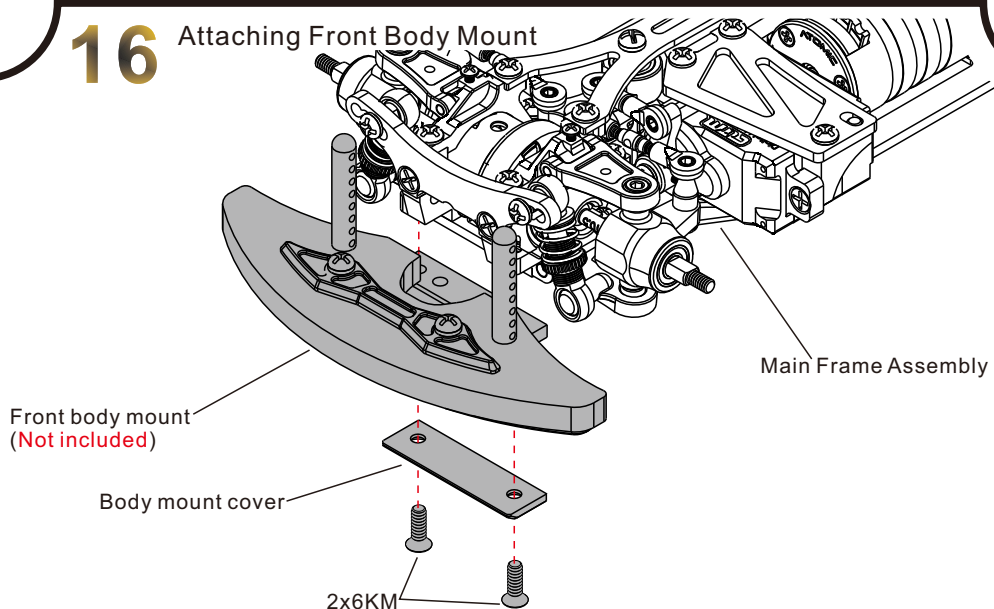


15 Attaching Front shocks tower

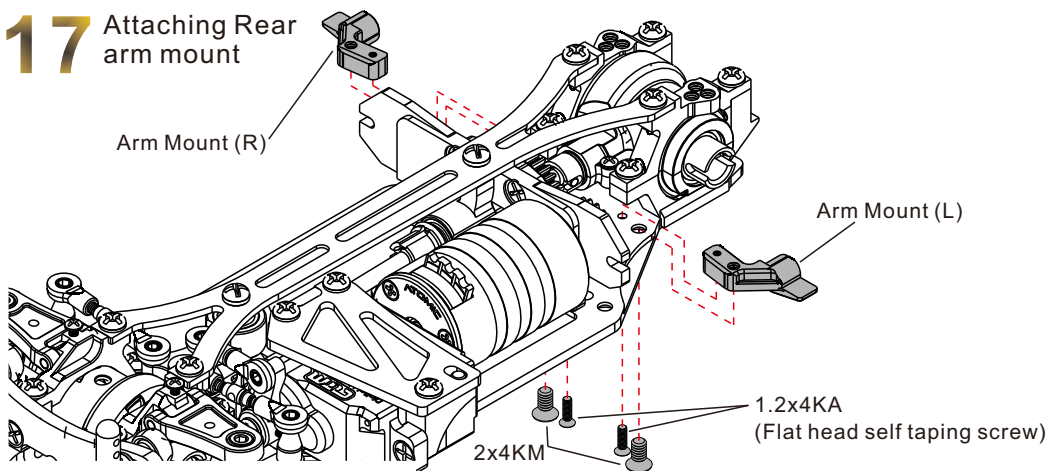


We recommend to apply Atomic #25000 Shock Grease to the shocks.

16 Attaching Front Body Mount



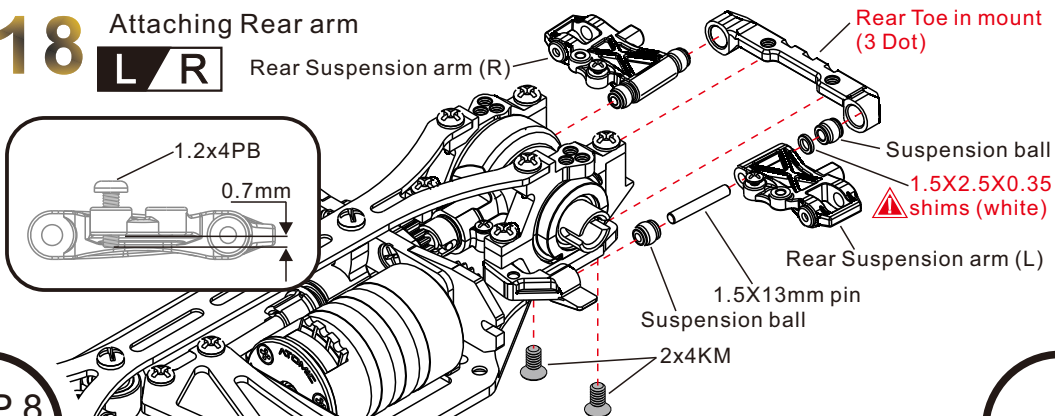
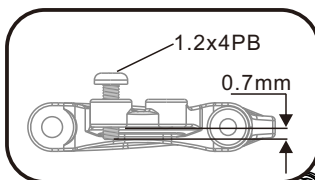
17 Attaching Rear arm mount



18 Attaching Rear arm

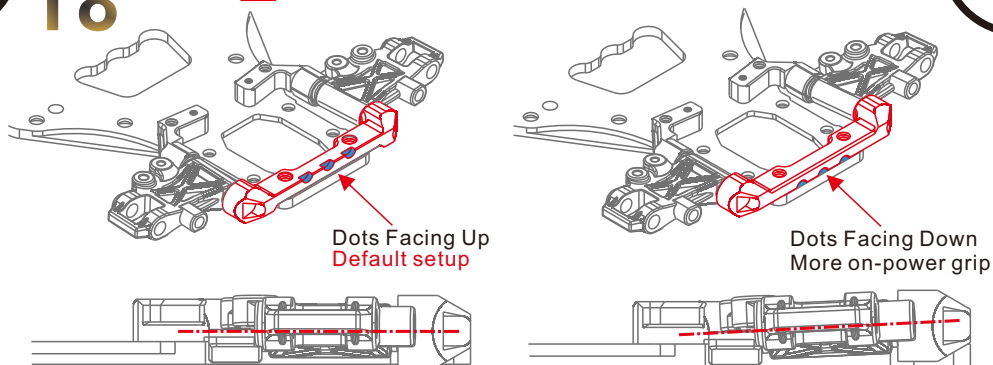
L / R

Rear Suspension arm (R)



18

 Rear Toe in mount installation direction

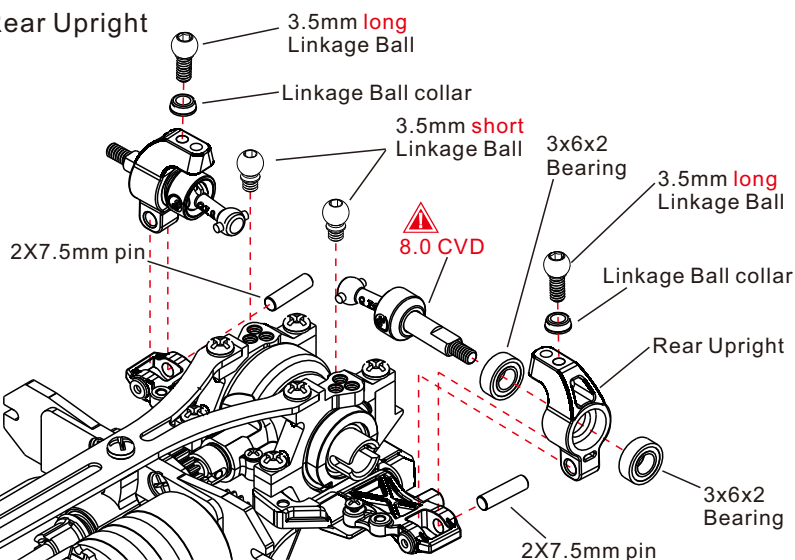
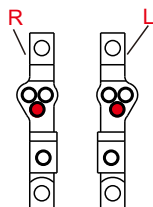


19

Attaching Rear Upright

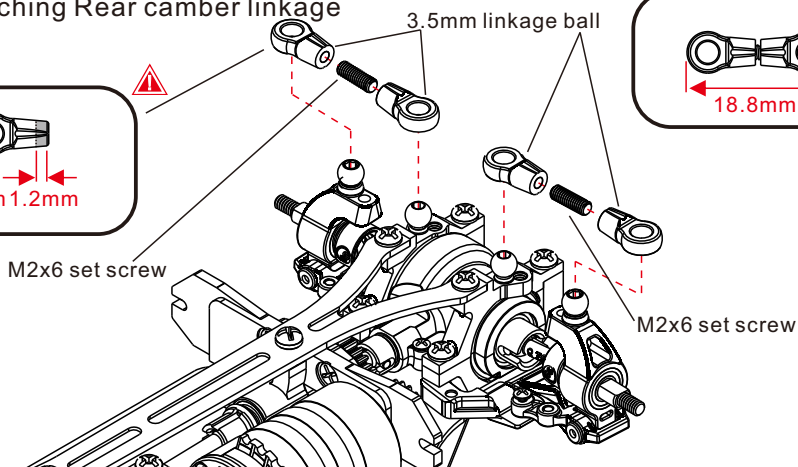
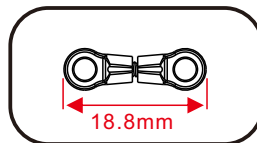
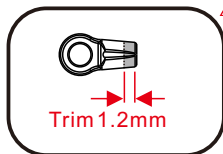
L **R**

Upper Rear Bulkhead

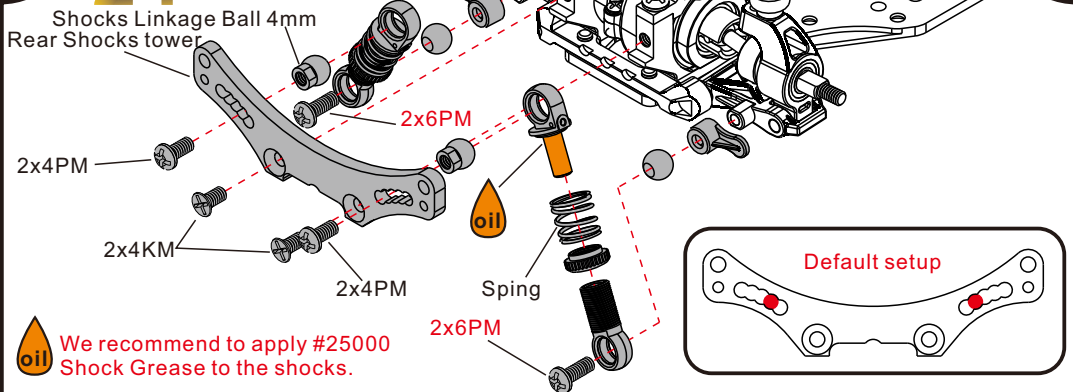


20

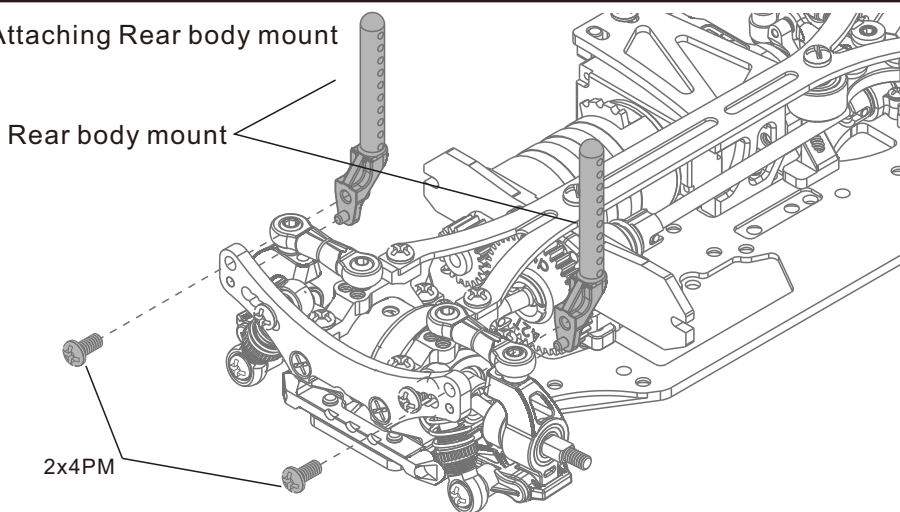
Attaching Rear camber linkage



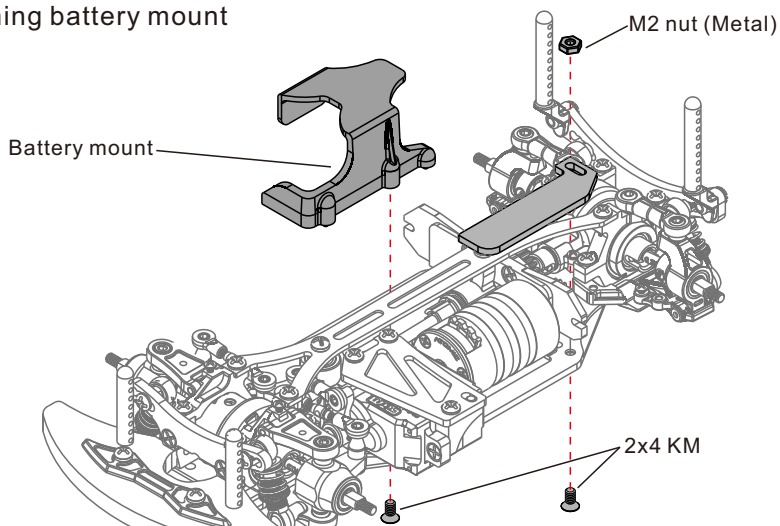
21 Attaching Rear shocks tower



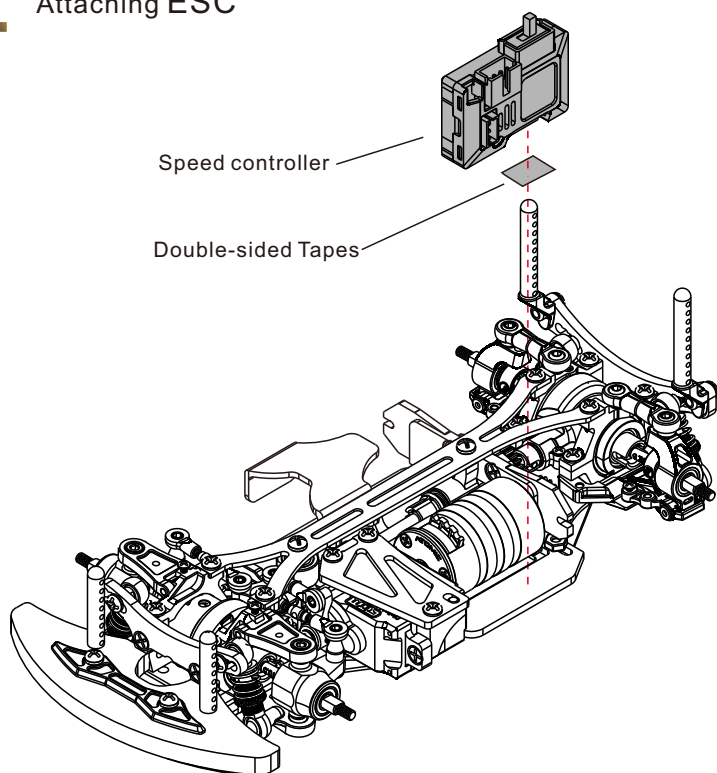
22 Attaching Rear body mount



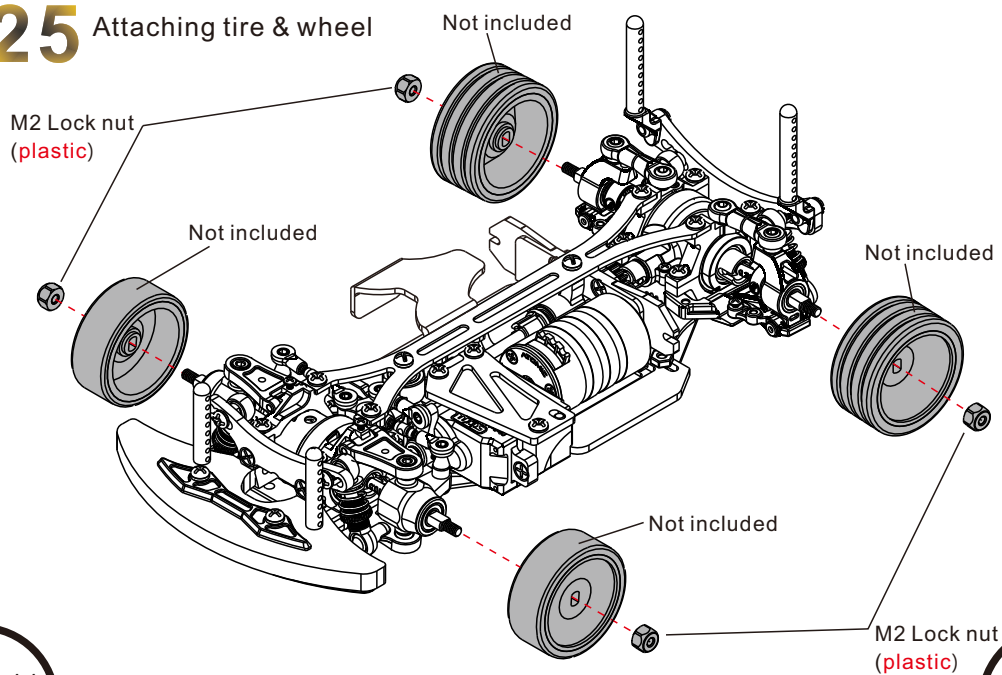
23 Attaching battery mount

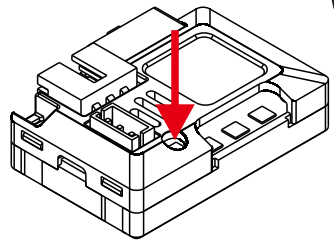


24 Attaching ESC



25 Attaching tire & wheel





ESC Calibration:

1. Turn on the transmitter, set parameters on the throttle channel like “D/R”, “EPA” and “ATL” to 100% (for transmitter without LCD, please turn the knob to the maximum) and the throttle “TRIM” to 0 (for transmitter without LCD, please turn the corresponding knob to the neutral position).

For Futaba radio transmitter, the direction of throttle channel shall be set to “REV”, while other radio systems shall be set to “NOR”. Please ensure the “ABS braking function” of your transmitter must be DISABLED.

2. Start with transmitter on

3. ESC turned off but connected to a battery.

4. Holding the SET button and turn on the ESC, the RED LED on the ESC starts to flash and then release the SET button immediately.(it is now in setup mode)

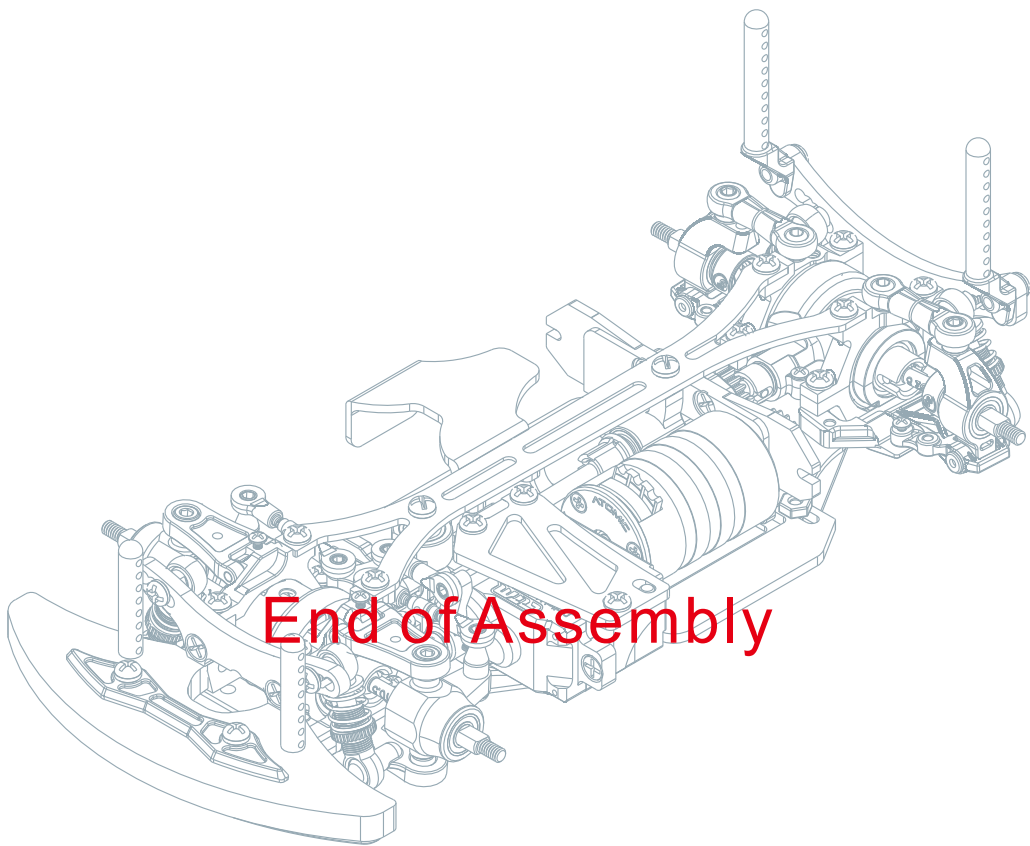
3. Steps to Set the neutral point, the full throttle endpoint and the full brake endpoint:

3.1 Leave the throttle trigger at the neutral position, press the SET button, the RED LED dies out and the GREEN LED flashes 1 time.

3.2 Pull the throttle trigger to the full throttle position, press the SET button, the GREEN LED blinks 2 times.

3.3 Push the throttle trigger to the full brake position, press the SET button, the GREEN LED blinks 3 times.

3.4 The motor can be started 3 seconds after the ESC/Radio calibration is completed.



End of Assembly