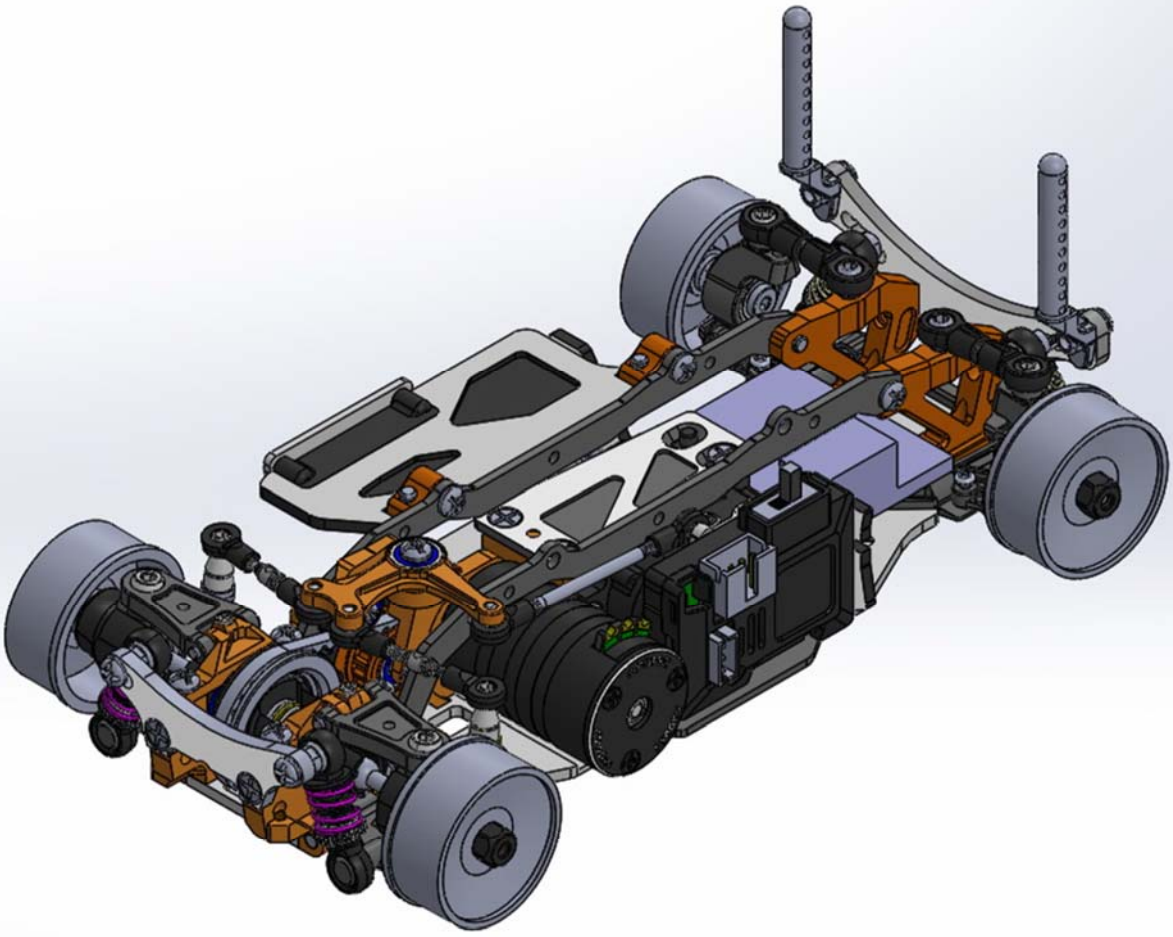
ATOMIC

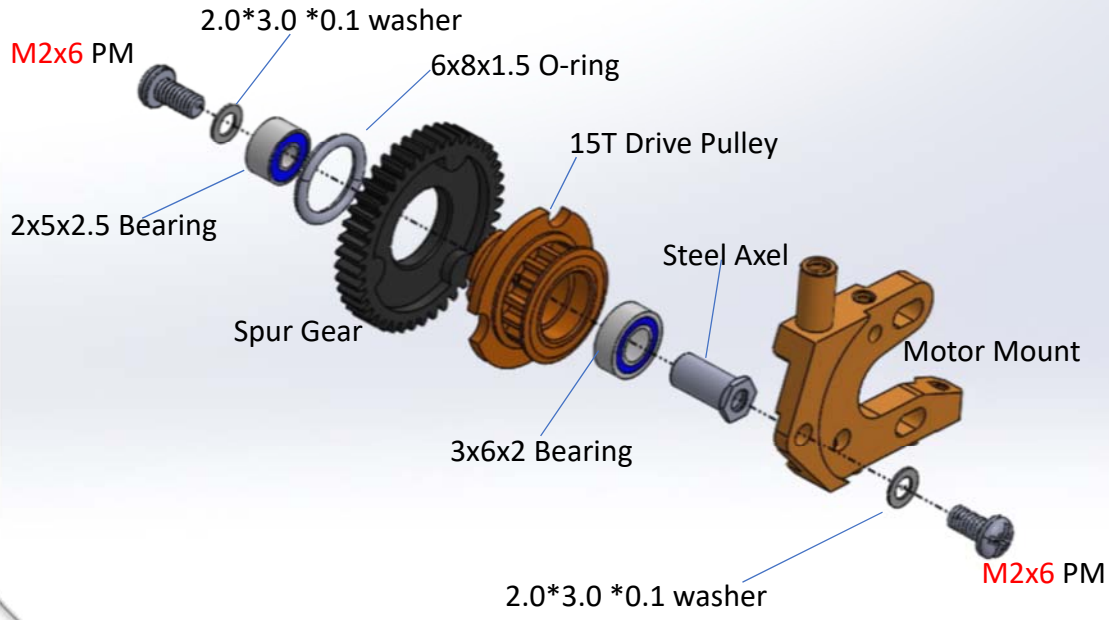
Assembly Manual

FFZ

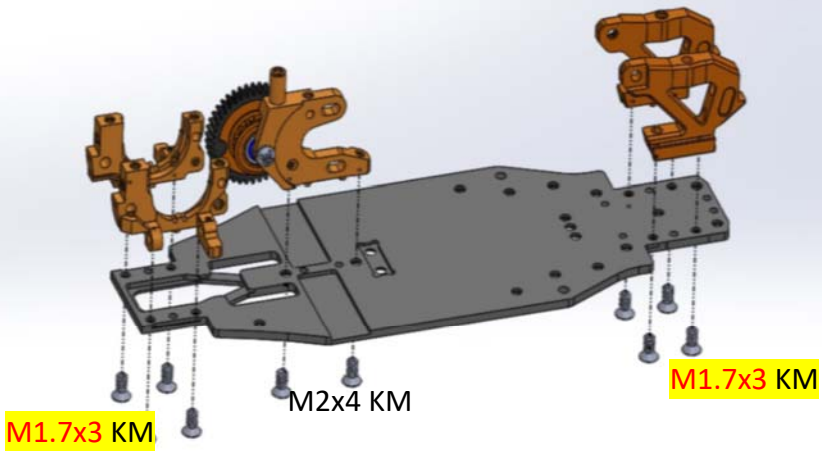


V1.1 (25 Dec 2018)

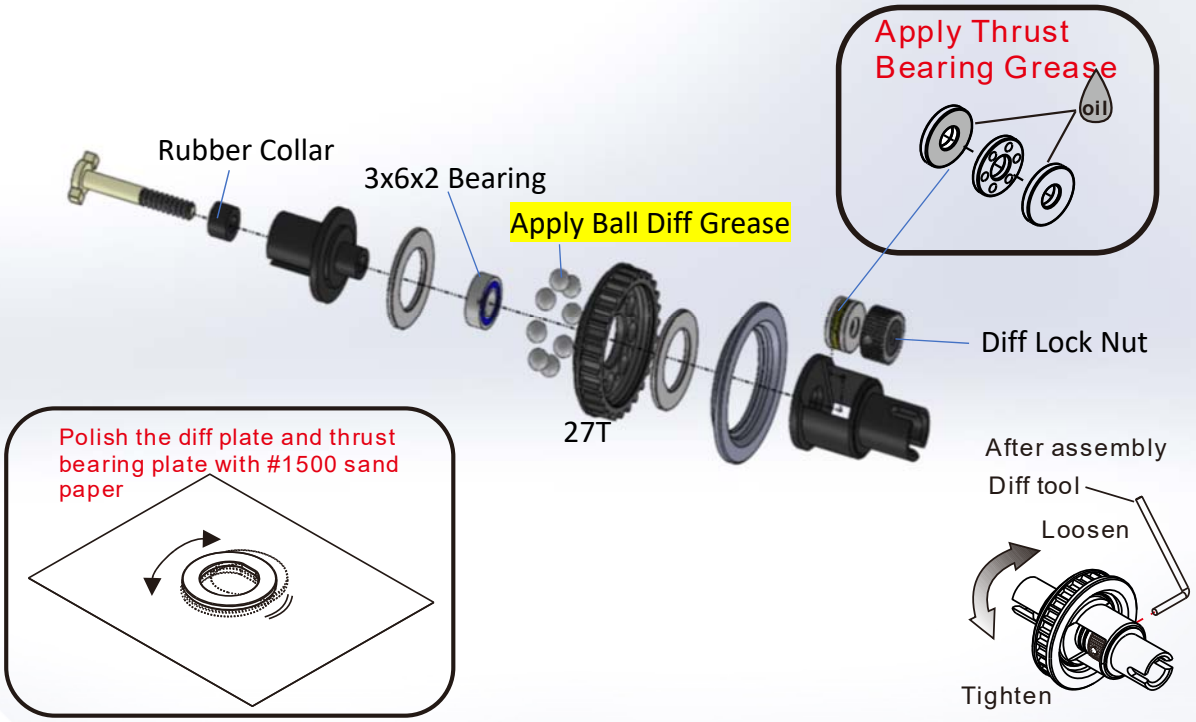
Step 1 - Drive Pulley Assembly



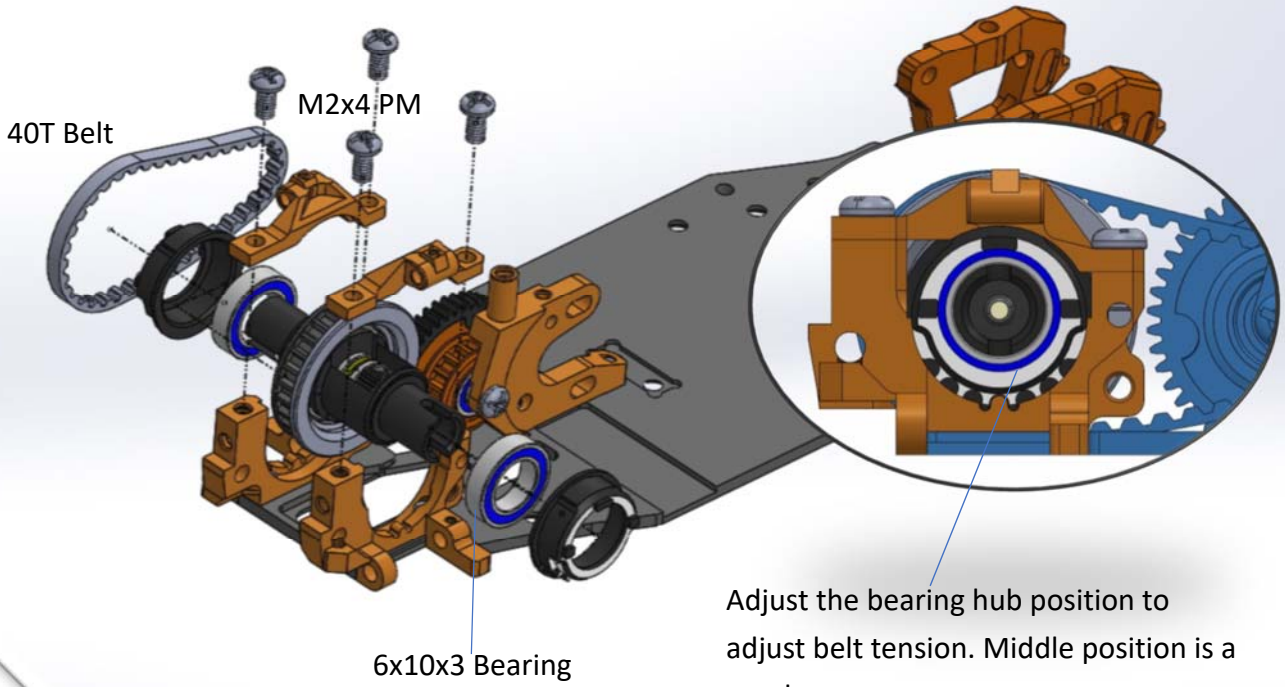
Step 2 - Chassis and Bulkheads



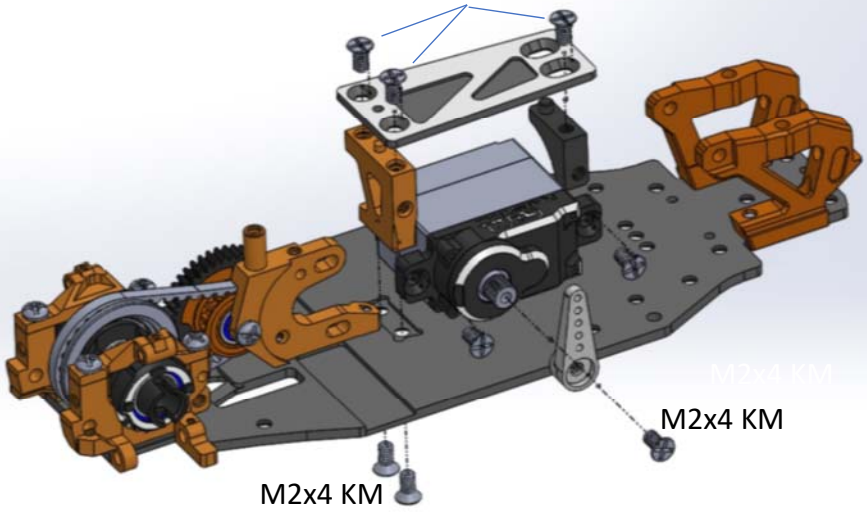
Step 3 - Ball Differential



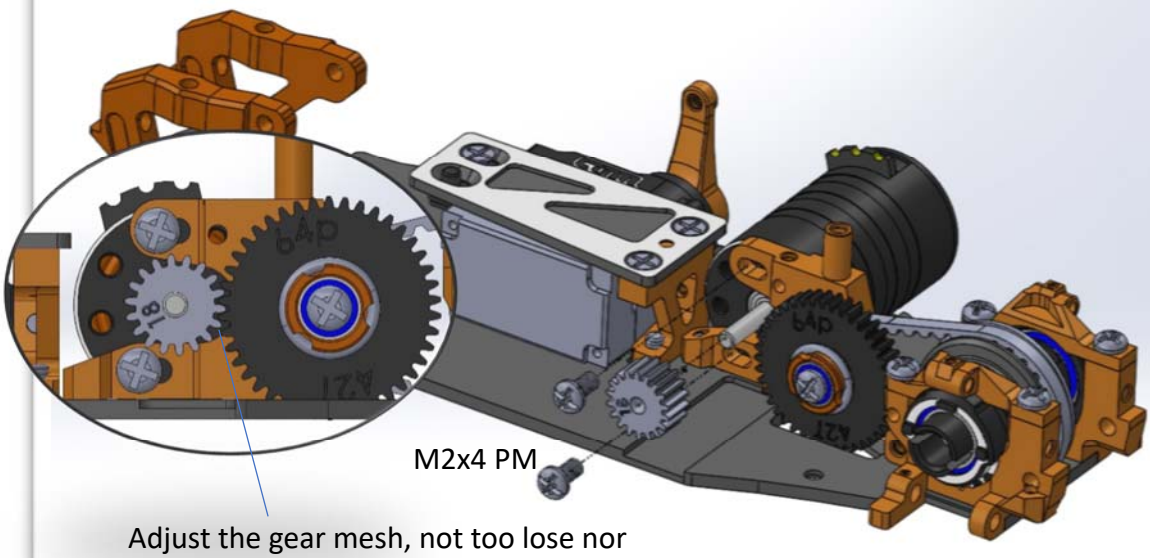
Step 4 - Front Drive System



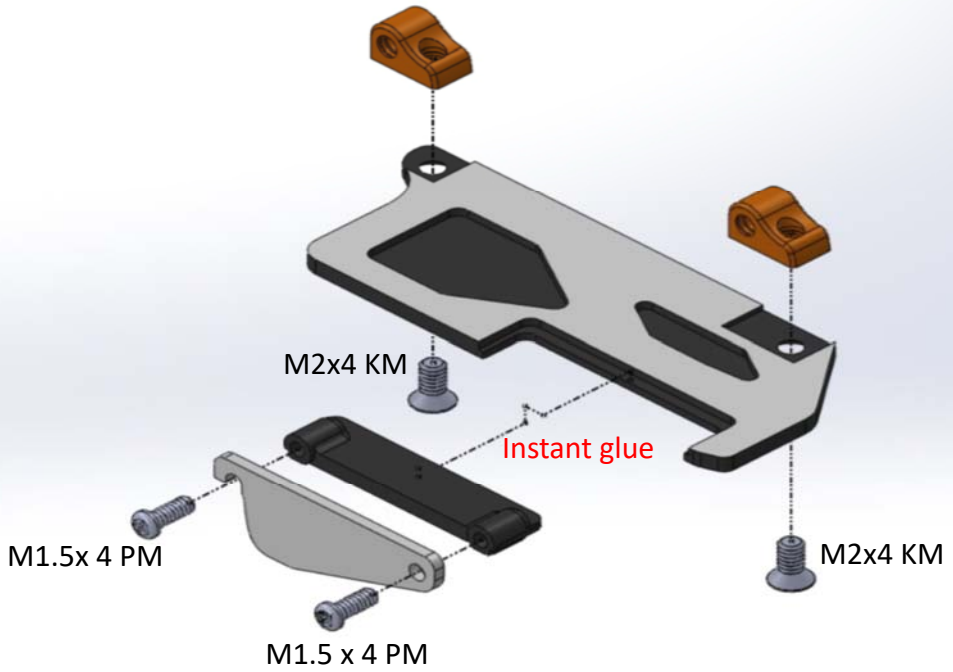
Step 5 - Servo Mount



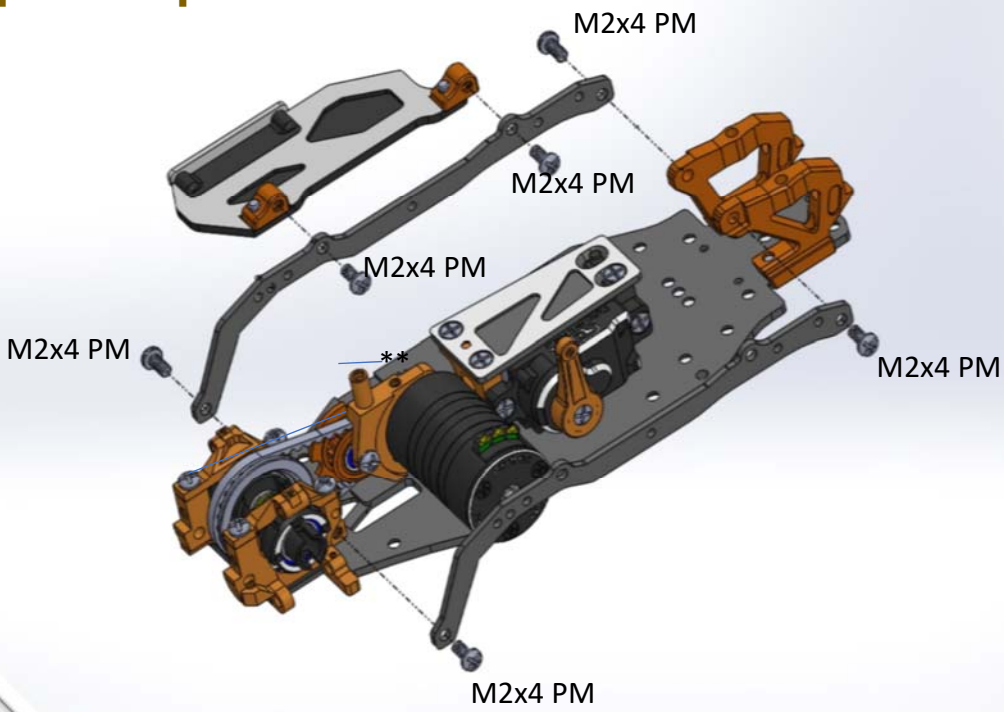
Step 6 - Motor and Pinion Gear



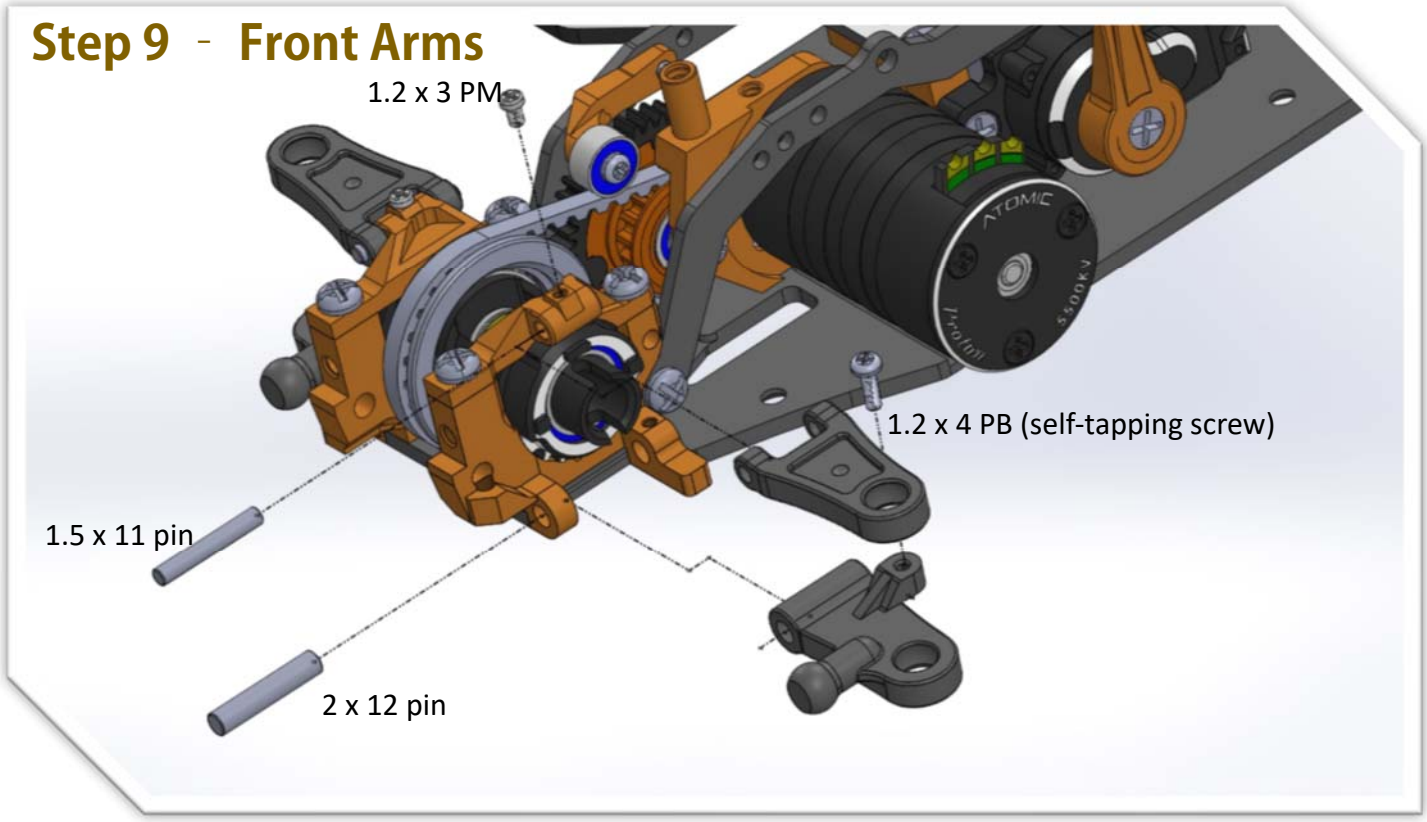
Step 7 - Battery Holder



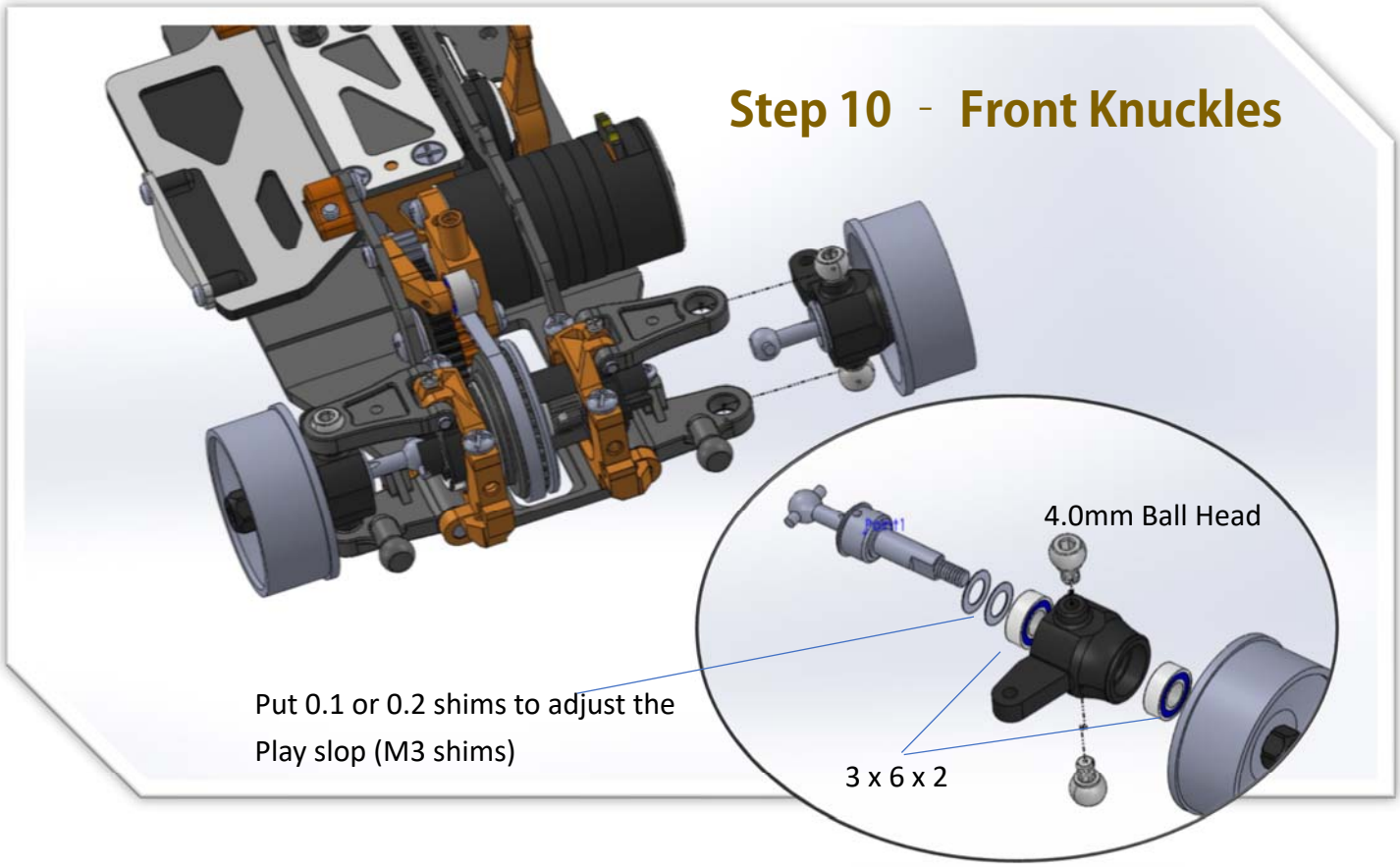
Step 8 - Top Deck



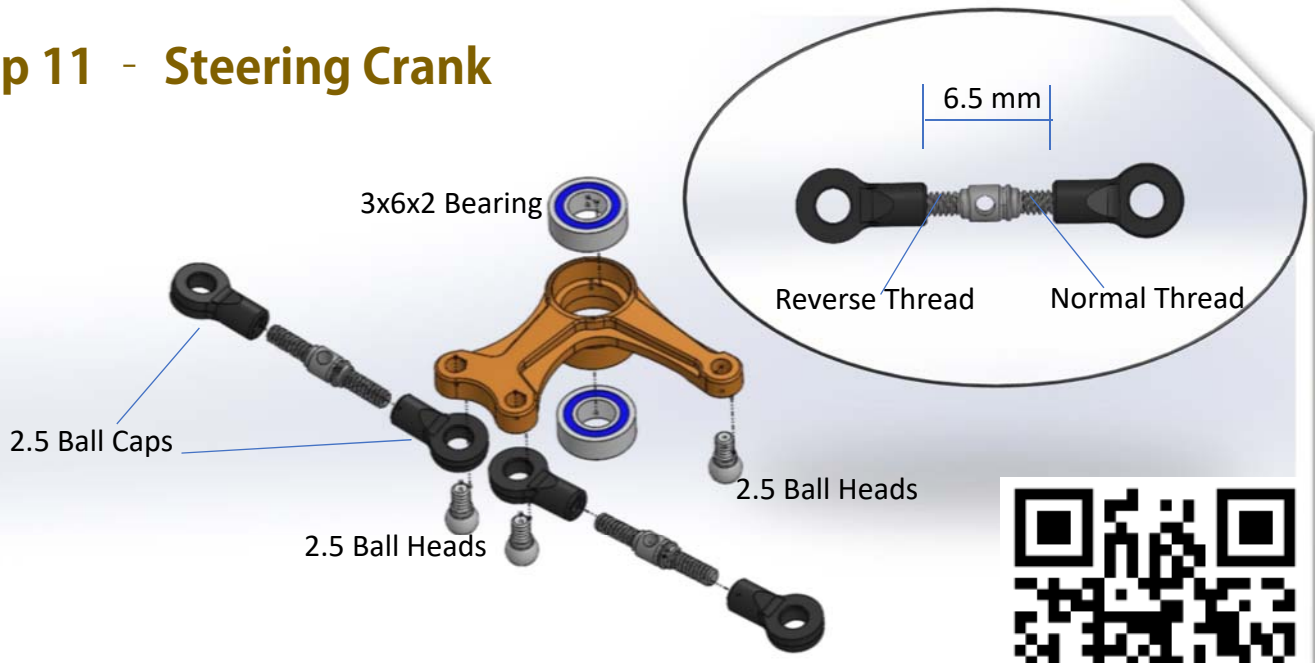
Step 9 - Front Arms



Step 10 - Front Knuckles

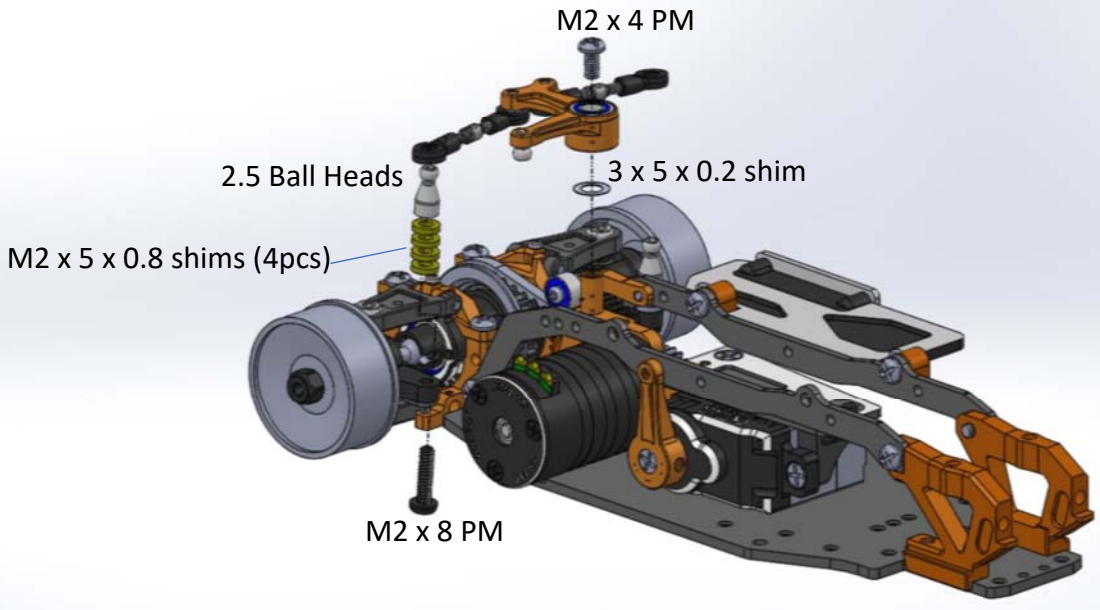


Step 11 - Steering Crank

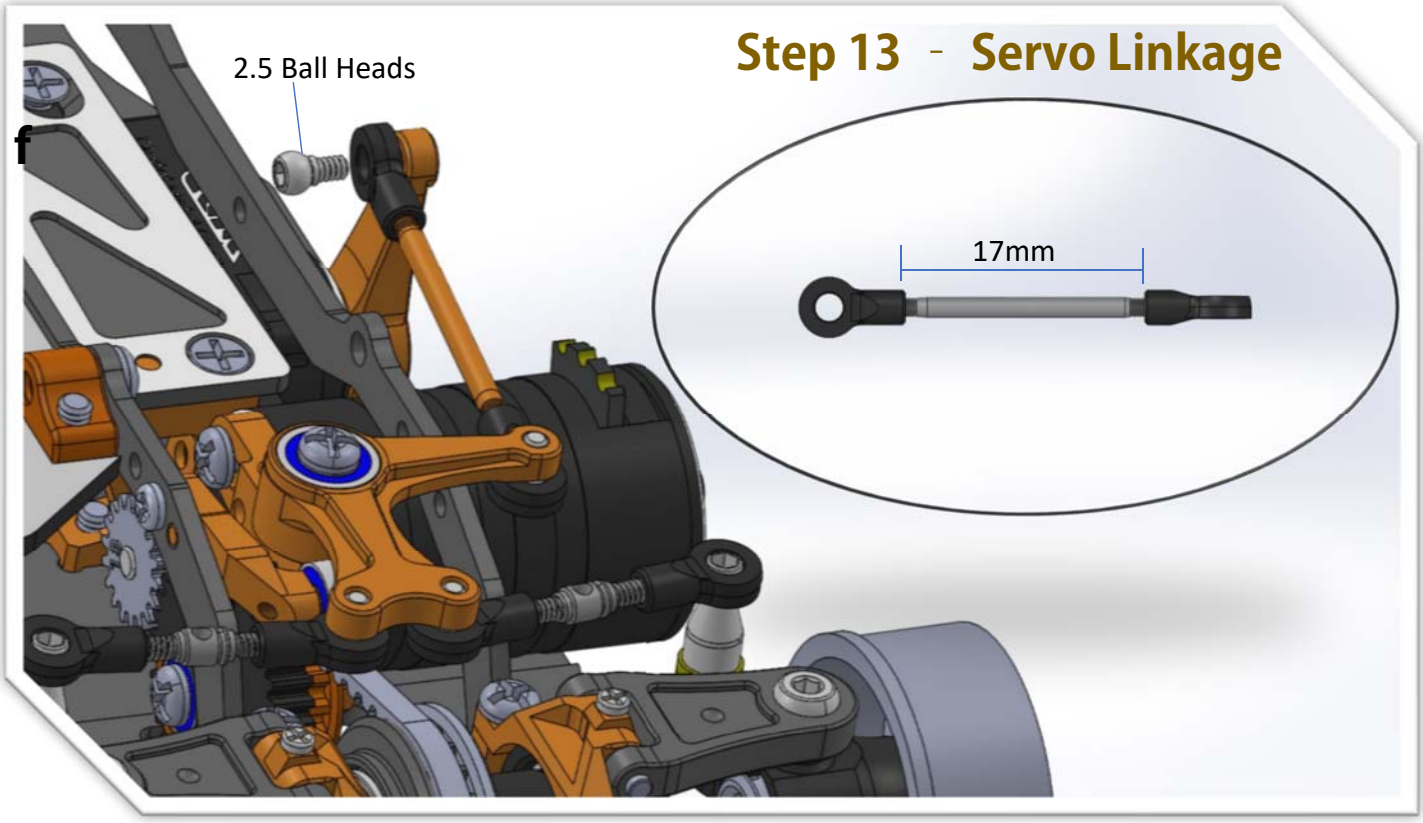


Video to show how to smooth ball links, please scan the QR code.

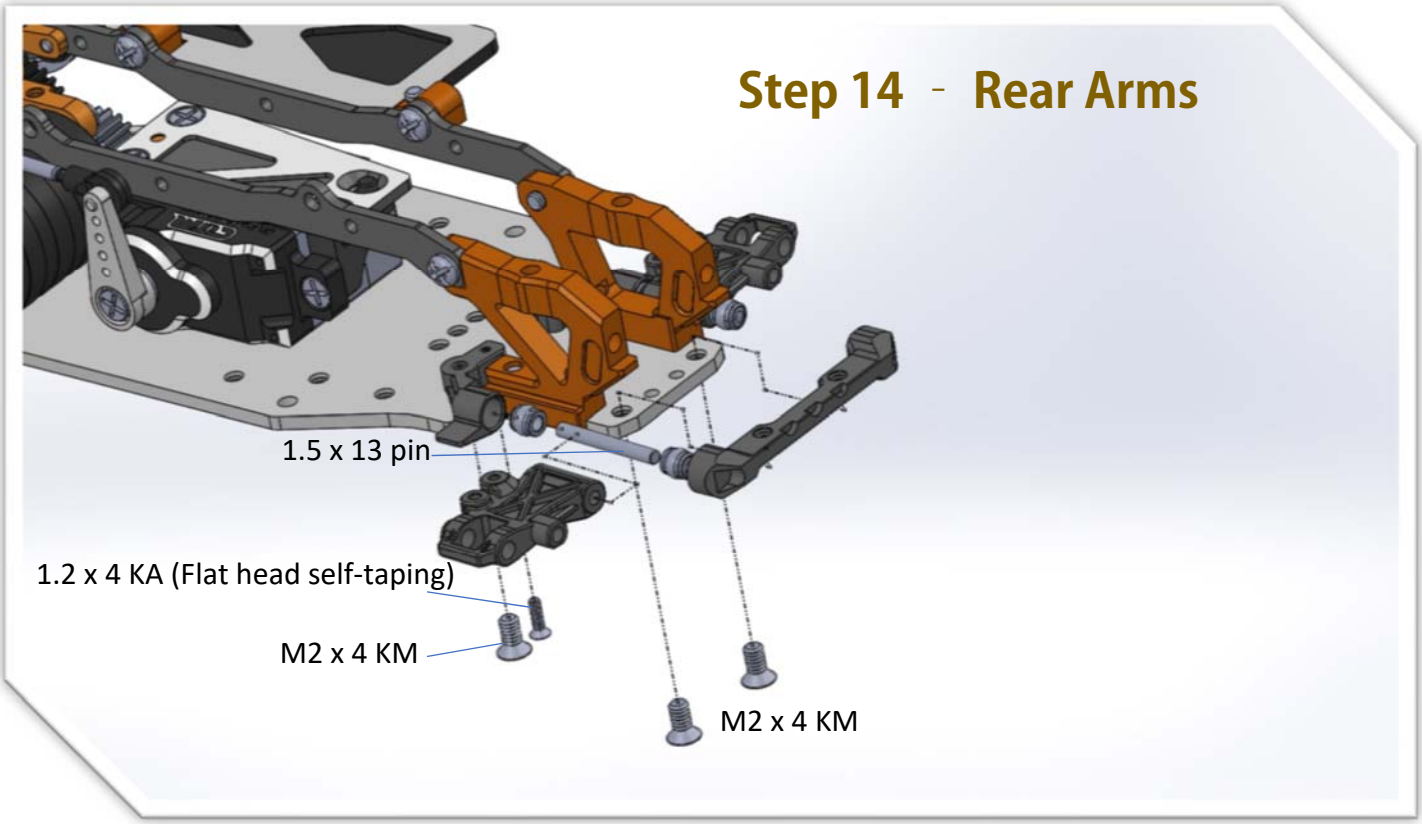
Step 12 - Steering System



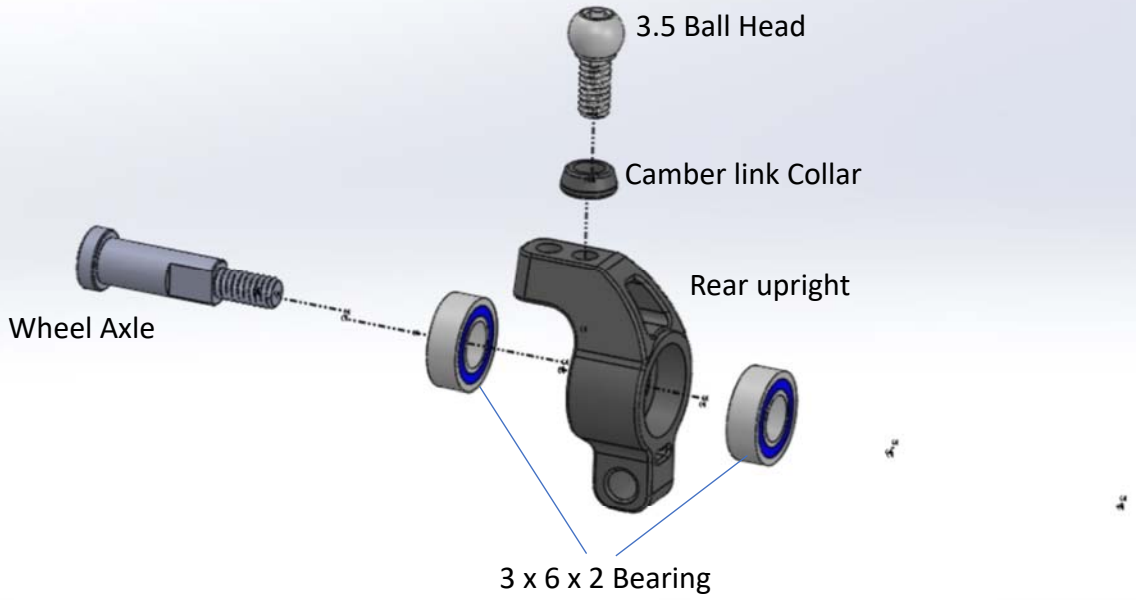
Step 13 - Servo Linkage



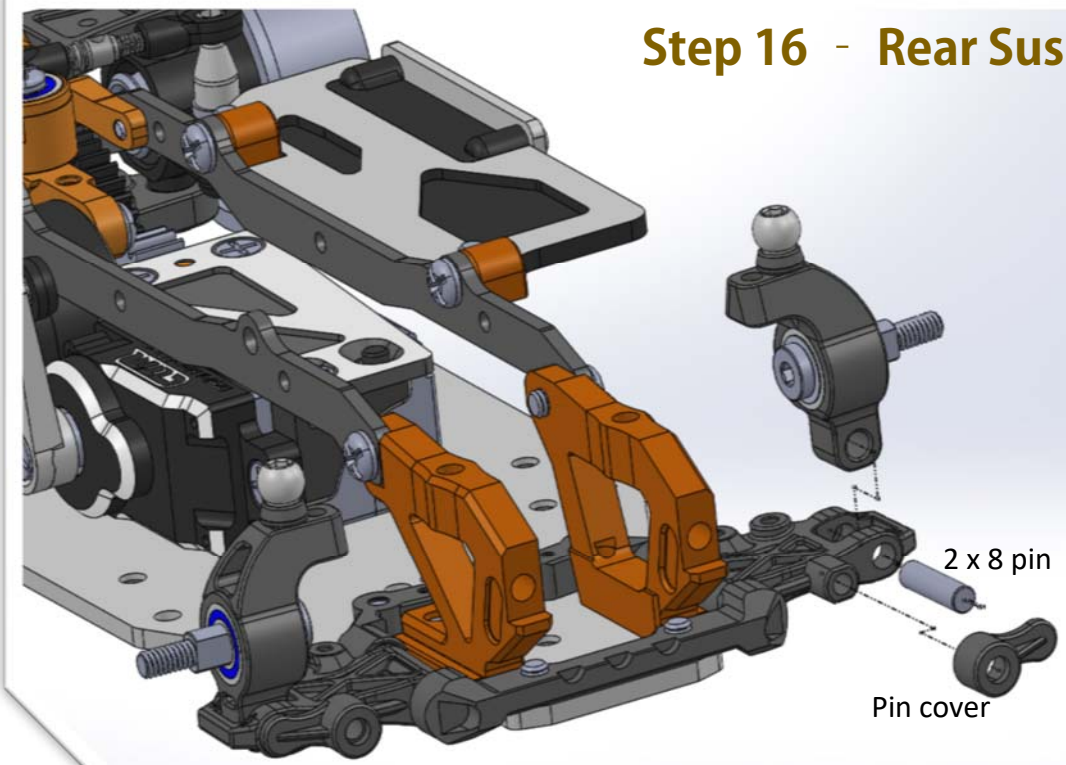
Step 14 - Rear Arms



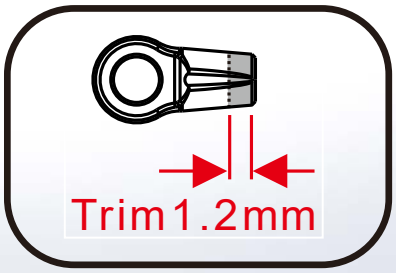
Step 15 - Rear Uprights



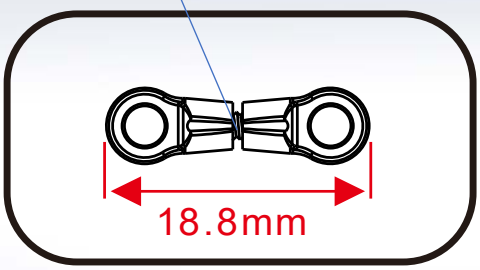
Step 16 - Rear Suspension

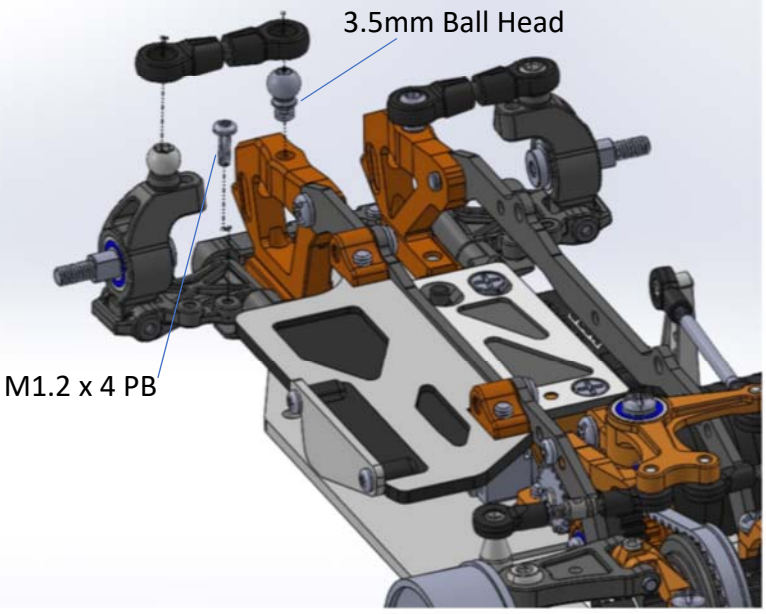


Step 17 - Rear Camber Links

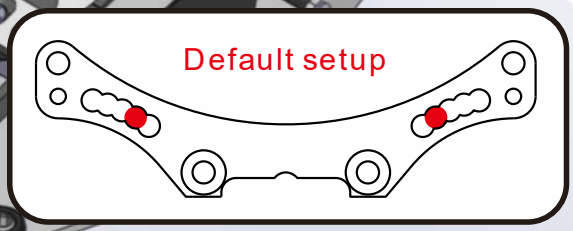


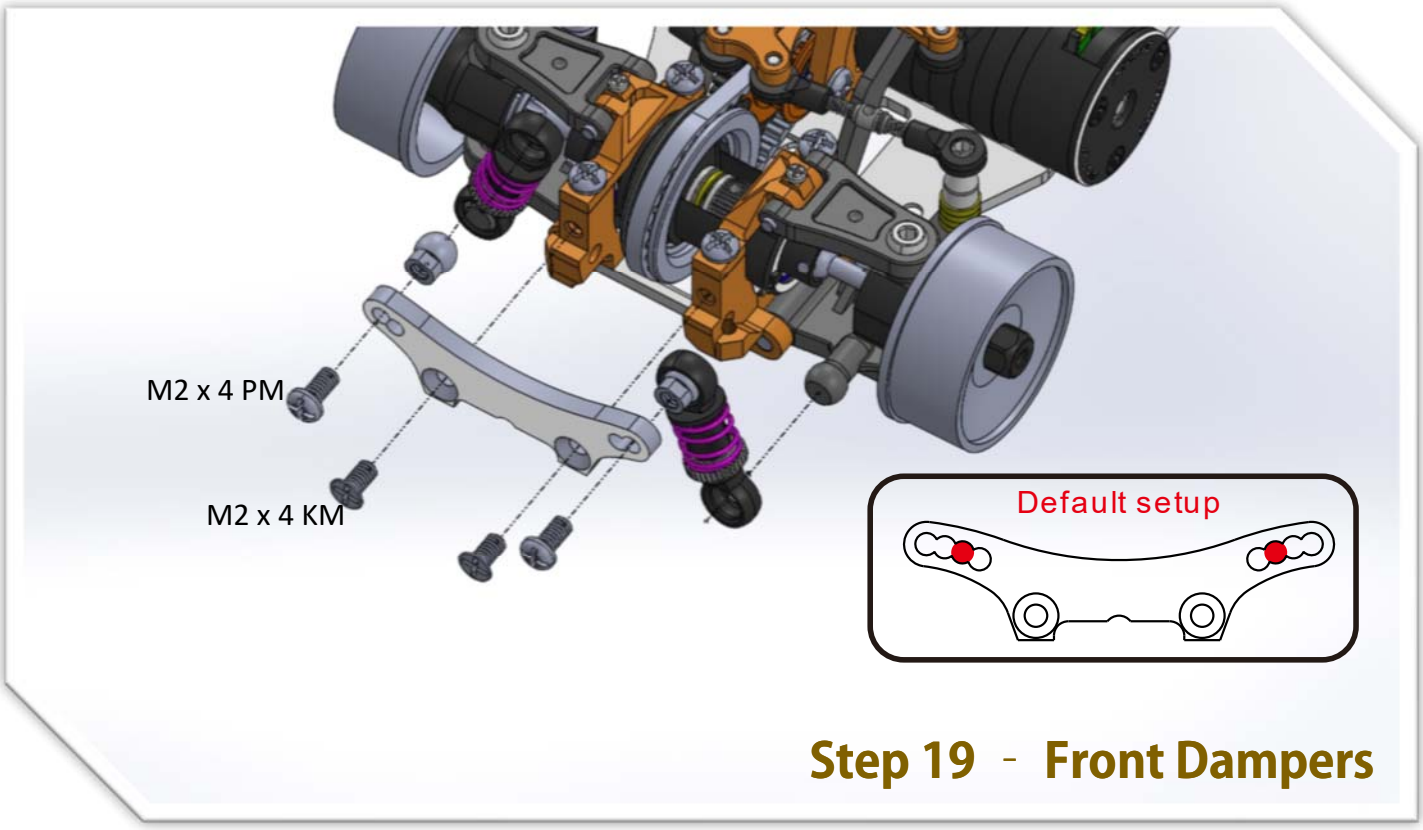
M2 x 6 set screw





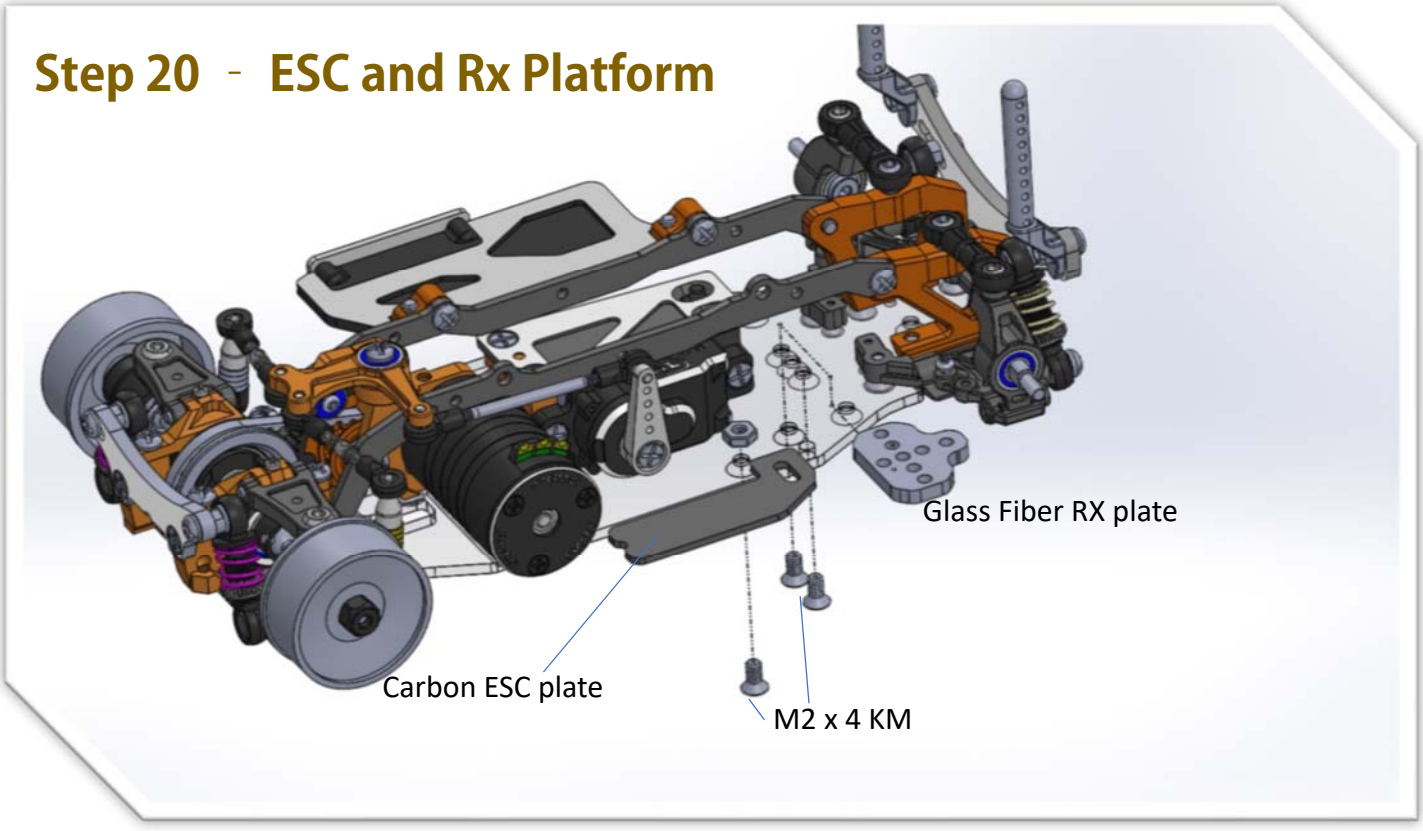
Step 18 - Rear Dampers

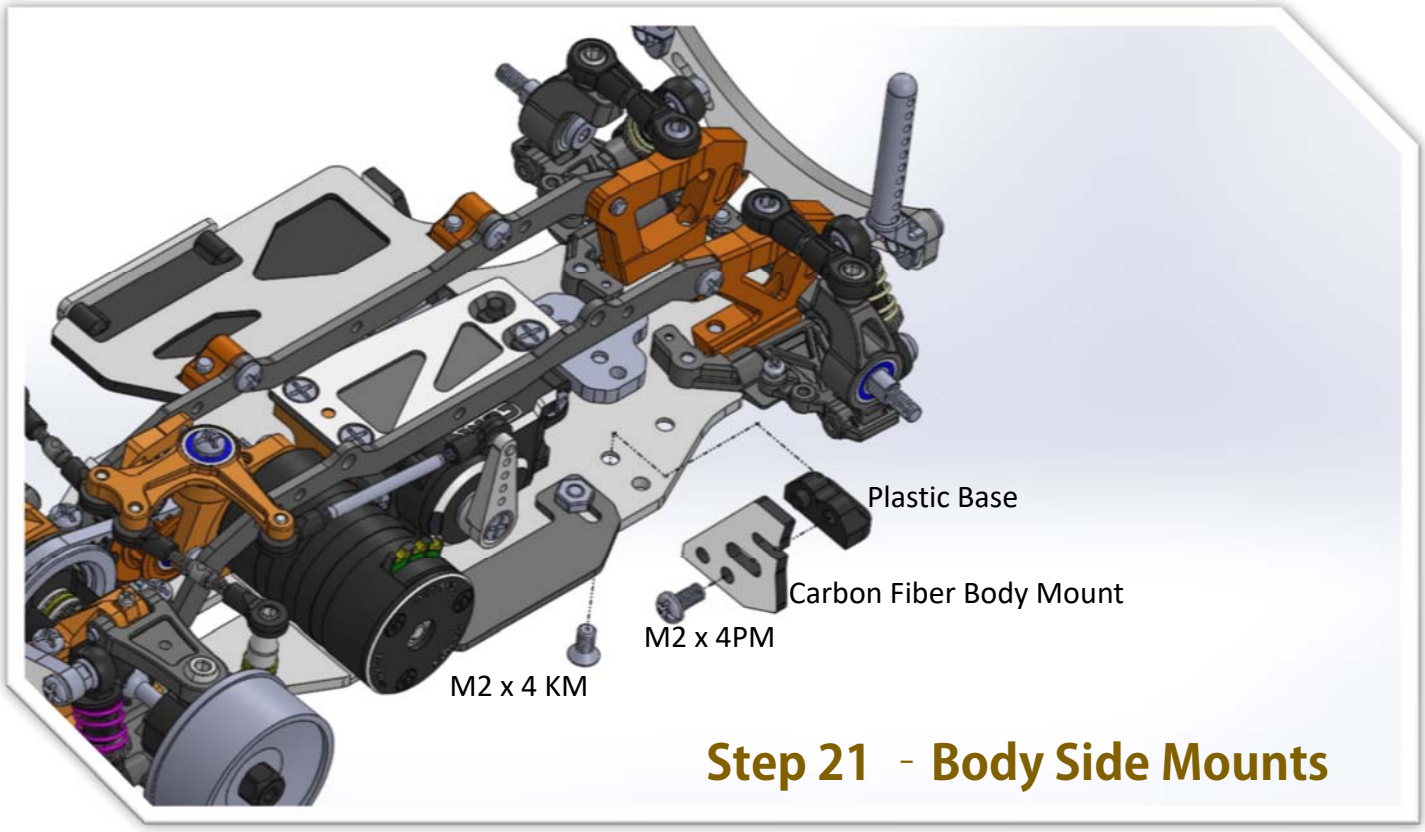




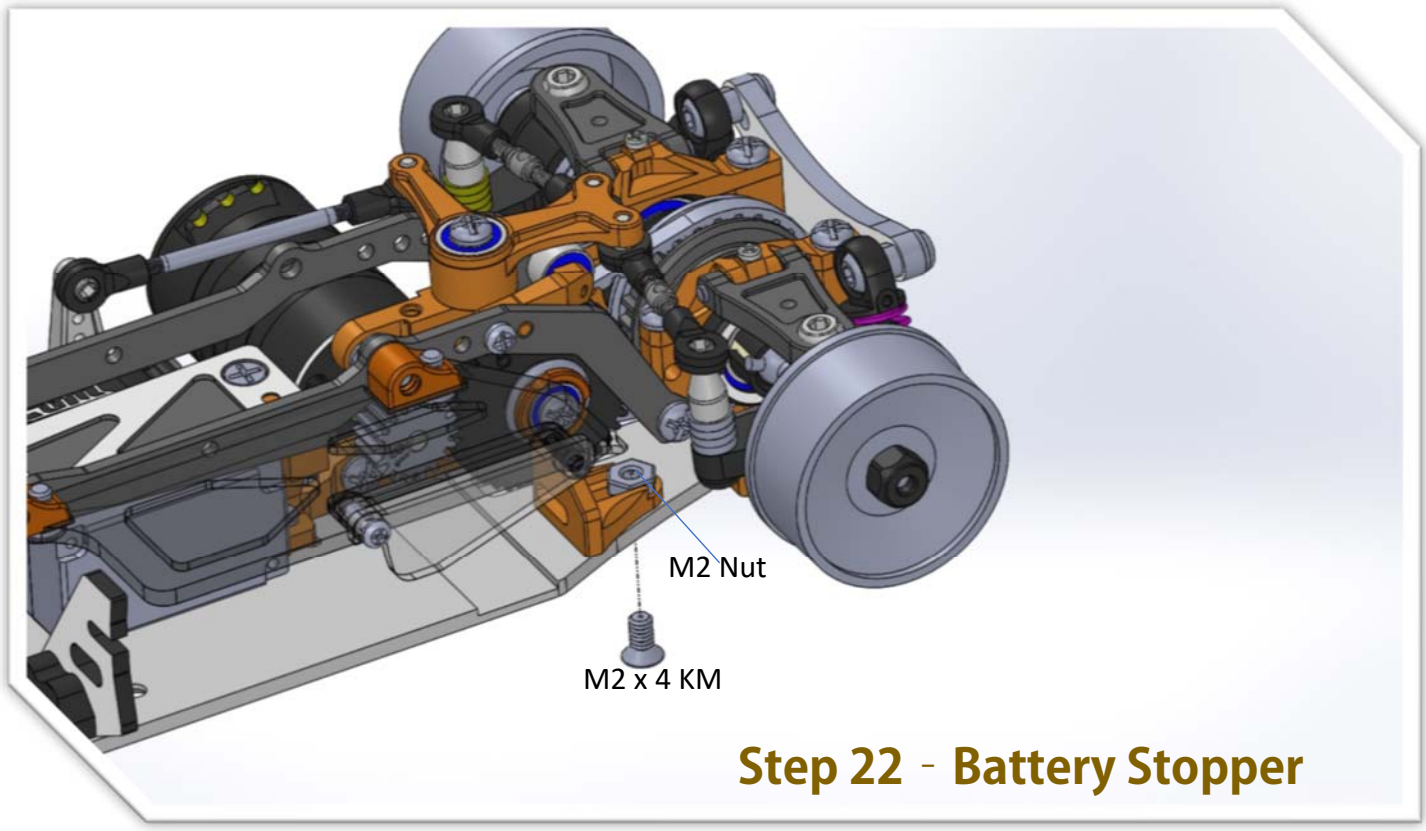
Step 19 - Front Dampers

Step 20 - ESC and Rx Platform



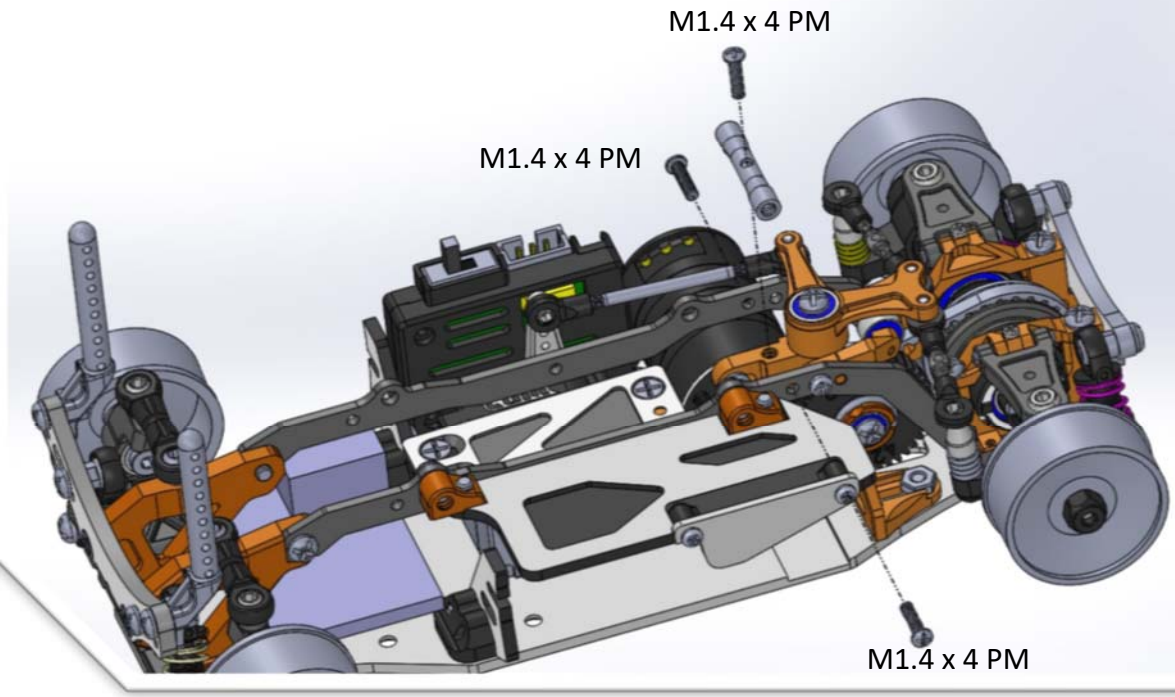


Step 21 - Body Side Mounts

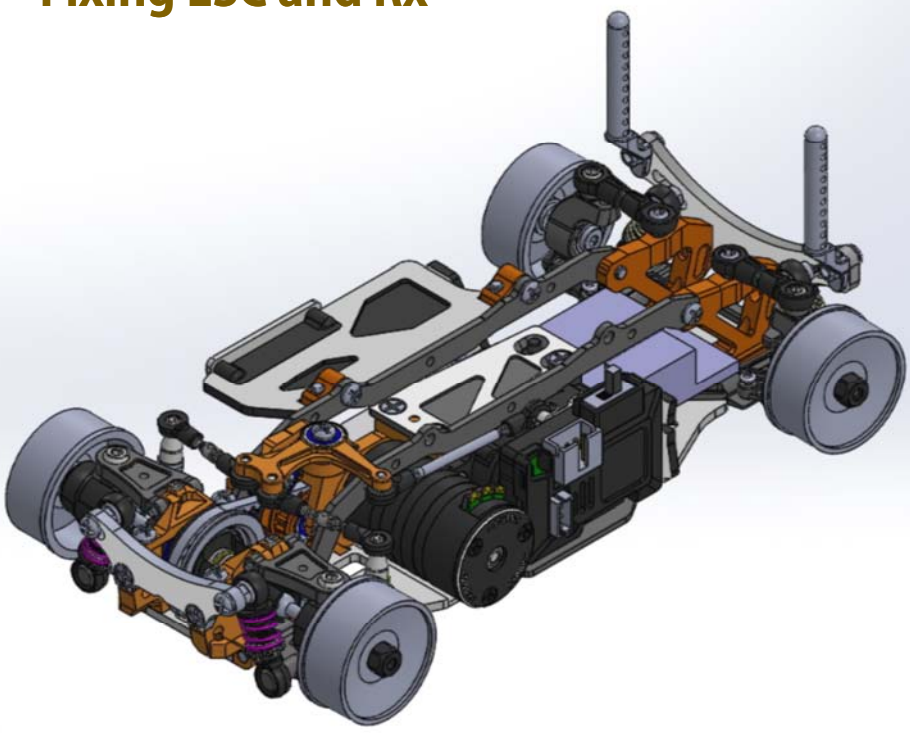


Step 22 - Battery Stopper

Step 23 - Frame Tie

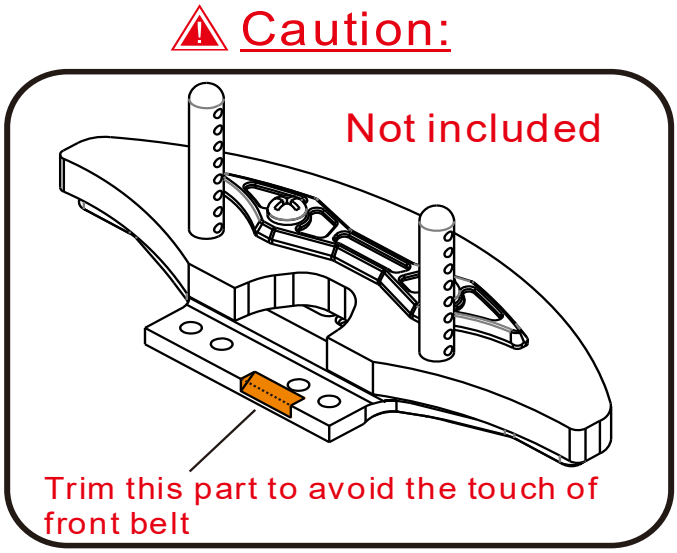


Step 24 - Fixing ESC and Rx



Assembly Completed

Caution when install the Front Body Mount



FFZ Gear Ratio Chart

		Motor Pinion					
		13	*14*	*15*	*16*	*17*	*18*
Spur Gear	*39*	5.4	5.01	4.68	4.39	4.13	3.9
	40	5.54	5.14	4.8	4.5	4.24	4
	41	5.68	5.27	4.92	4.61	4.34	4.1

Recommend Gear ratio for Atomic Motors:

3500KV : around 4.3 ~ 4.6

5500KV : around 5.2 ~ 5.5

Gear ratio decision is affected by strength of battery, and overall smoothness of the transmission system also the size of the track