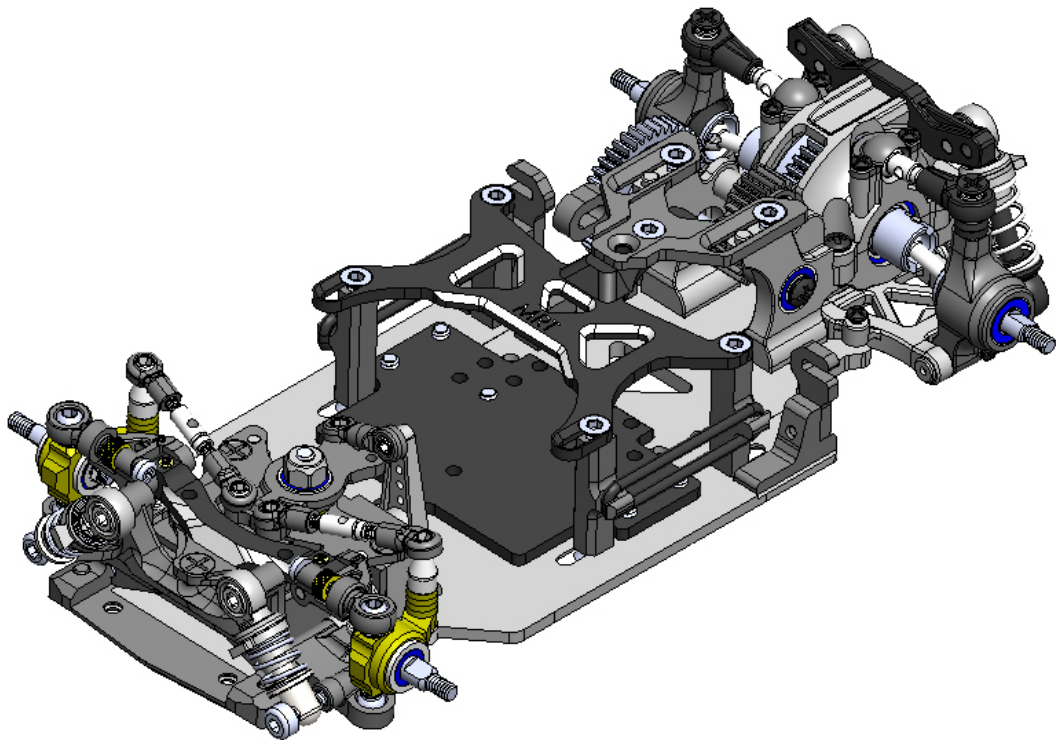
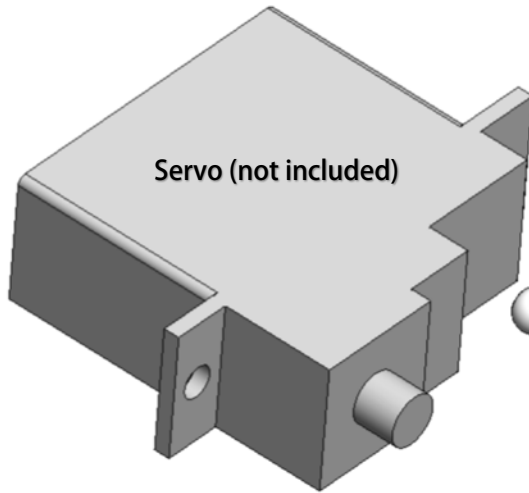


1:28 Mini Rear Wheel Drive Touring Car Chassis

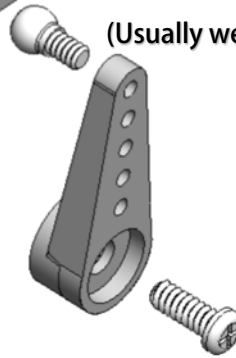


01 - Servo Horn (Open Bag 1, 2, 3, 4, 5)



MRT suitable servos:
size within 20.0(W) * 18.0(L) * 8.5 (H) mm

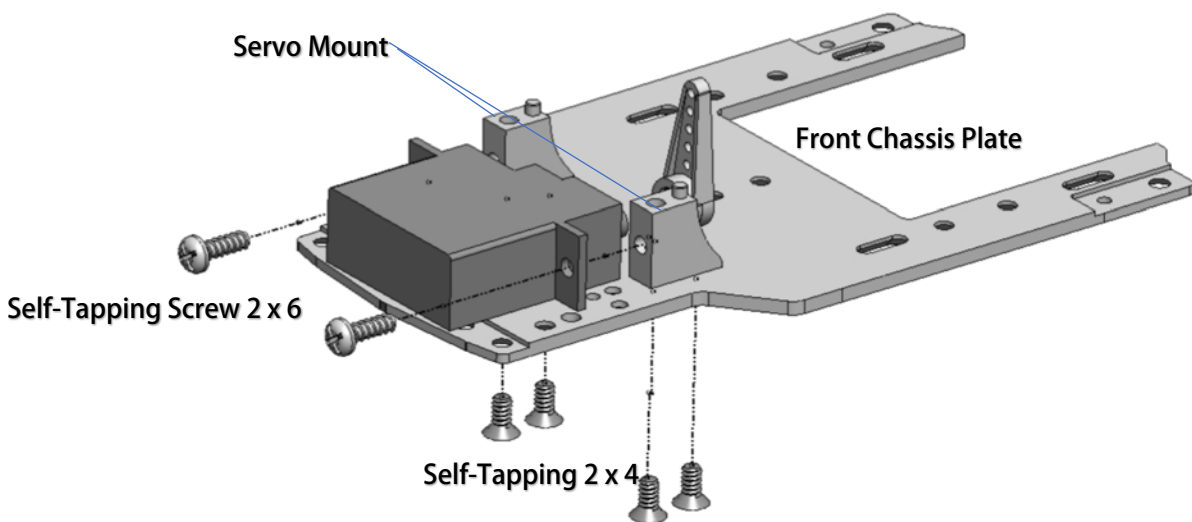
2.5mm Steel Ball Head, M1.4 thread
(Usually we use the 1st of 2nd hole of horn)



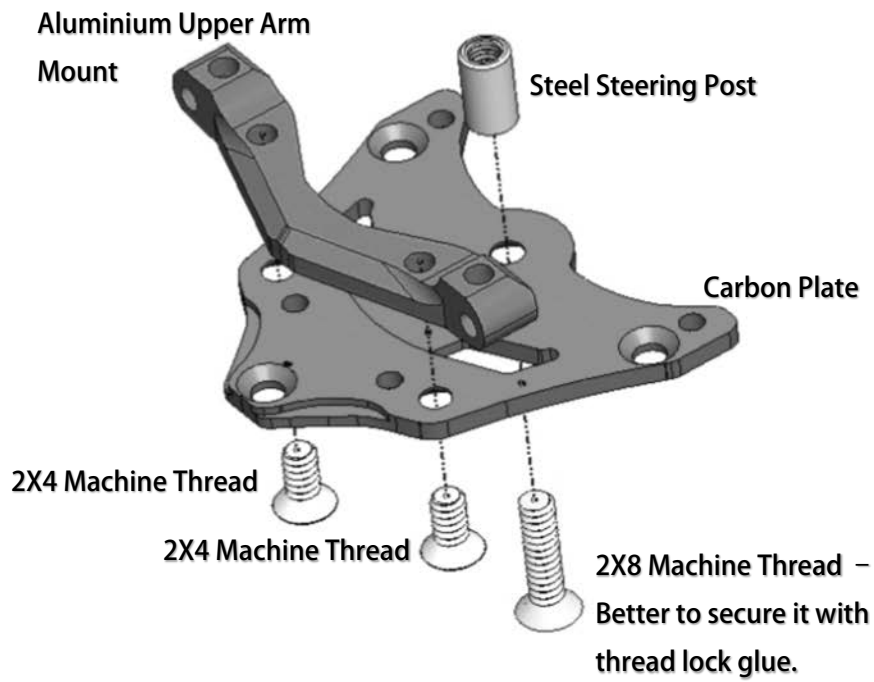
Before Fixing the servo horn, first connect the Servo to the receiver and power on the system to make sure the servo is at neutral position.

Please use the screw and servo horn that come with the servo.

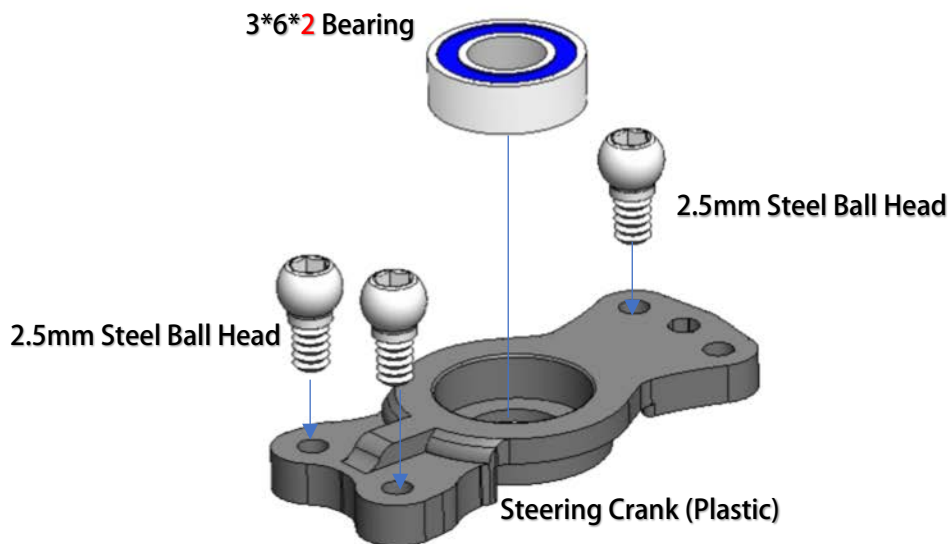
02 Servo Installation



③ Steering System (Open Bag 6)

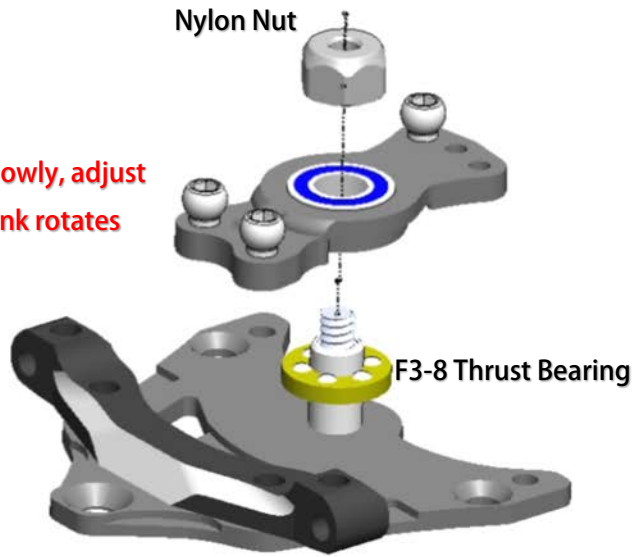


④ Steering Crank (Open Bag 7)

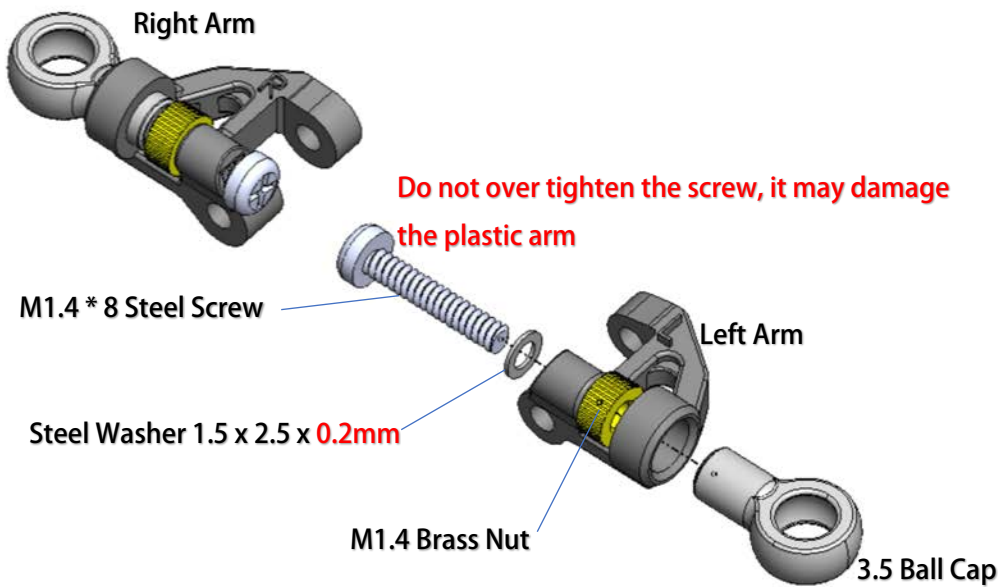


05 Steering Crank

Tighten the Nylon nut slowly, adjust it and make sure the crank rotates smooth and no wobble.

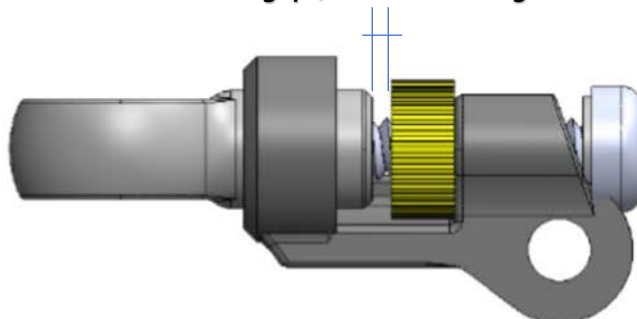


06 Upper Arms

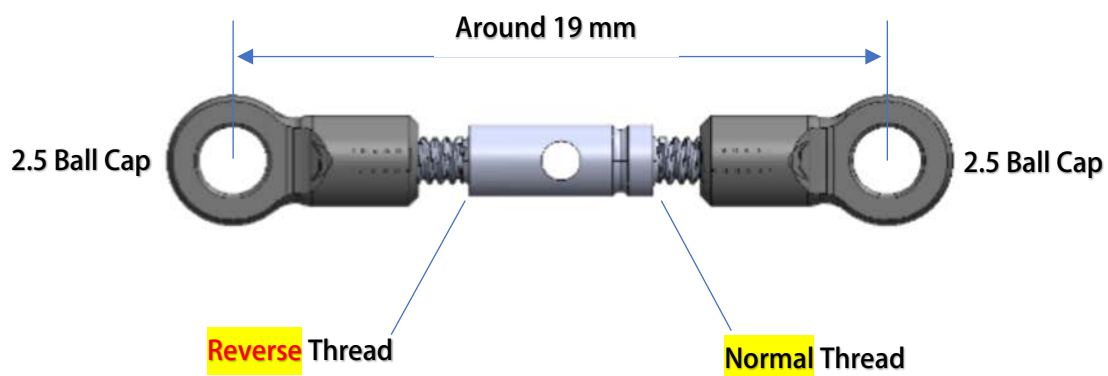


06 Upper Arms Camber

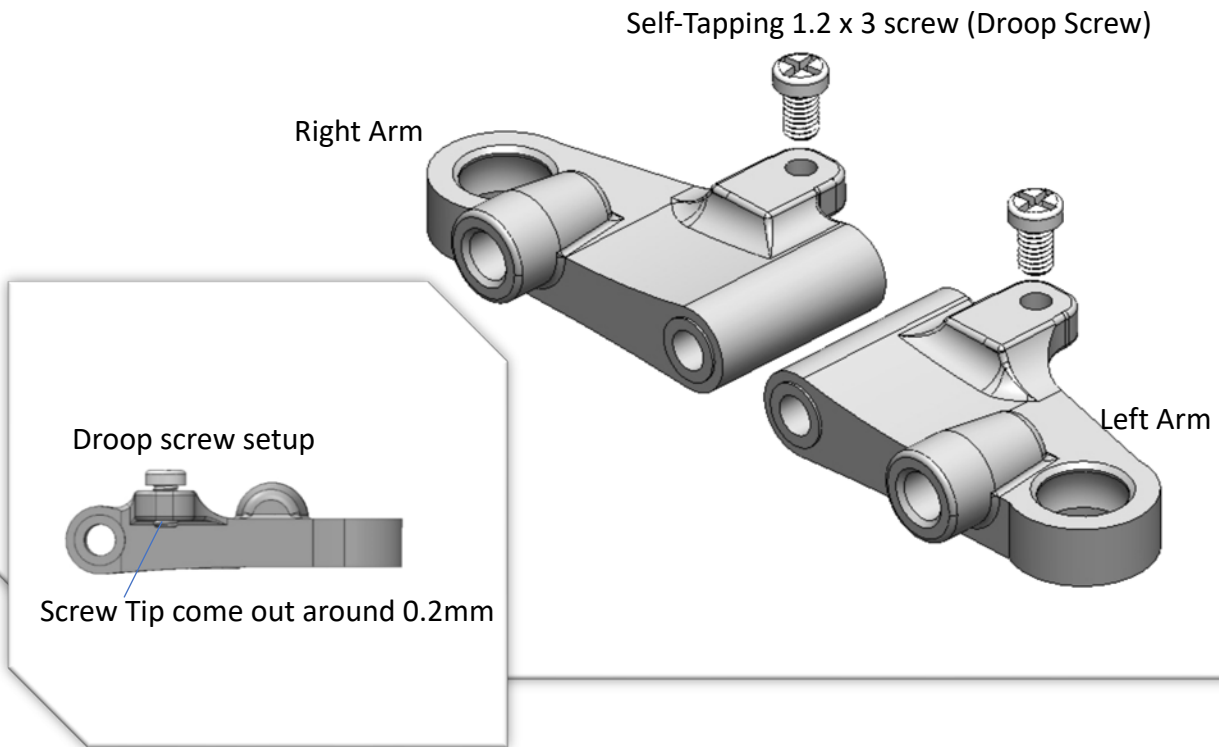
Leave around 0.2mm gap (its about 1.5-degree camber angle)



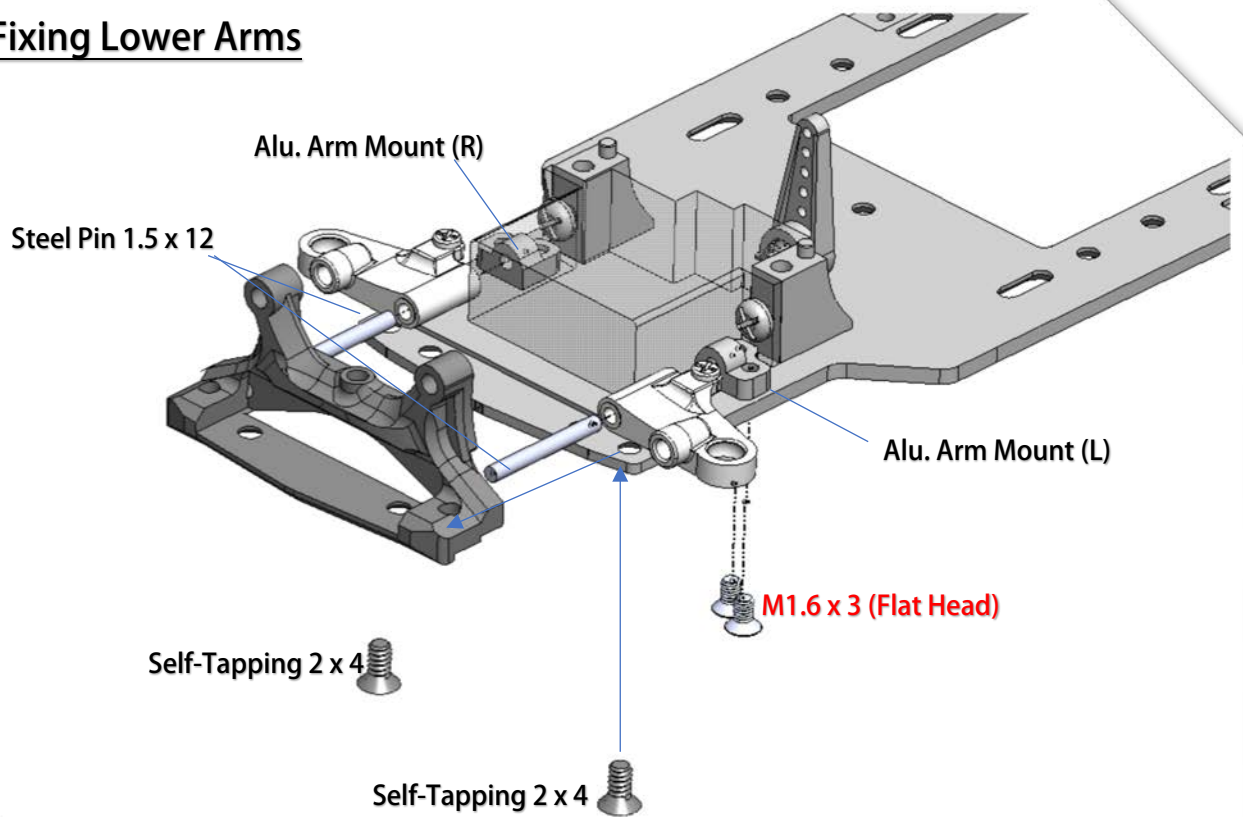
07 Steering Linkages (Build 2 sets)



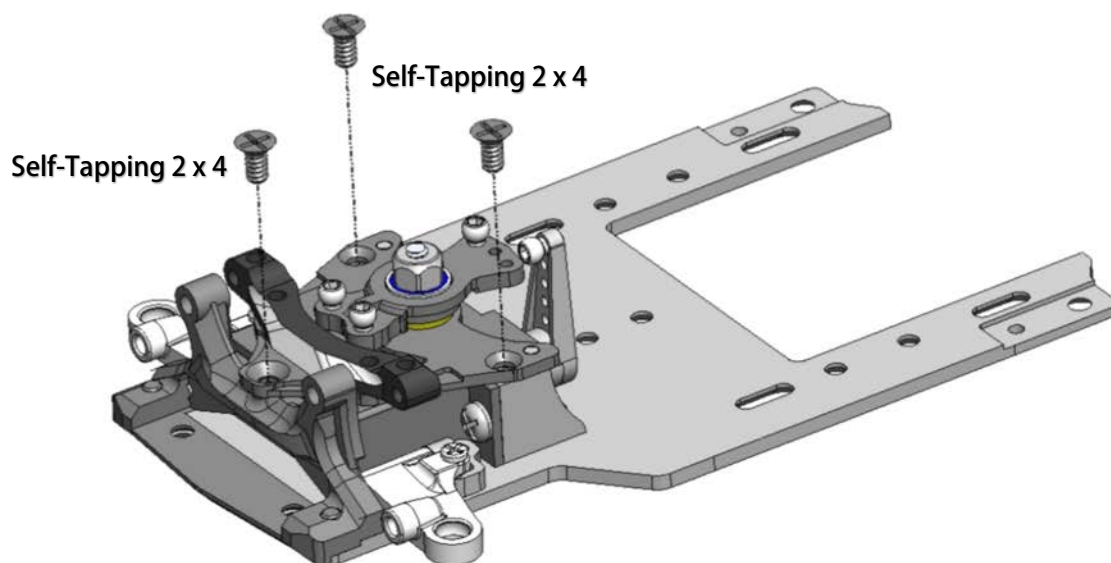
08 Lower Arms (open Bag 8)



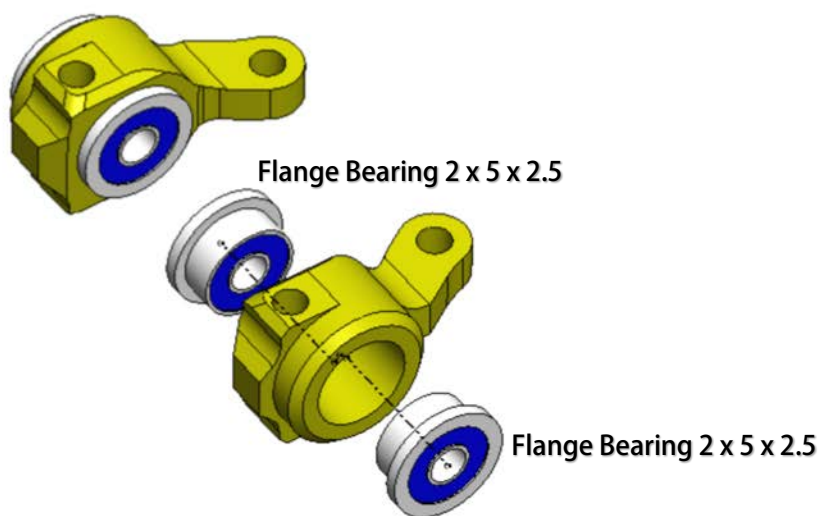
09 Fixing Lower Arms



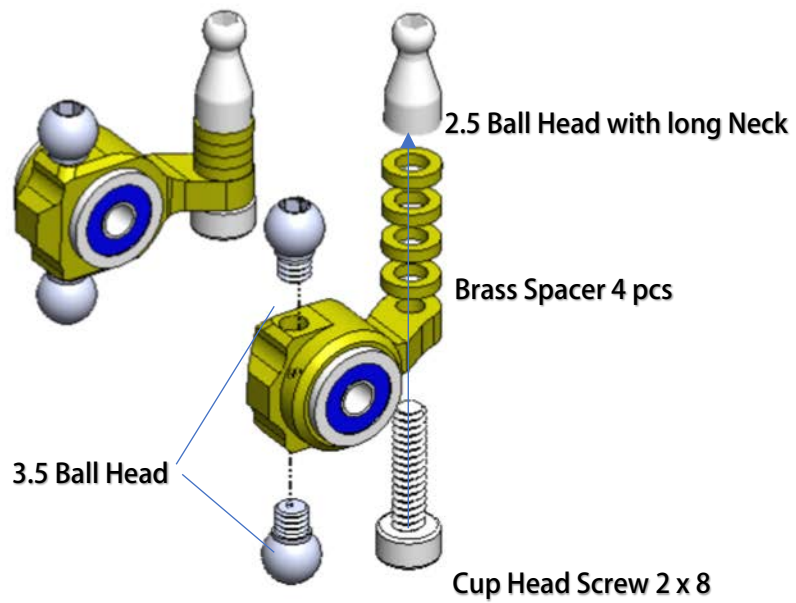
⑩ Fixing Steering Plate



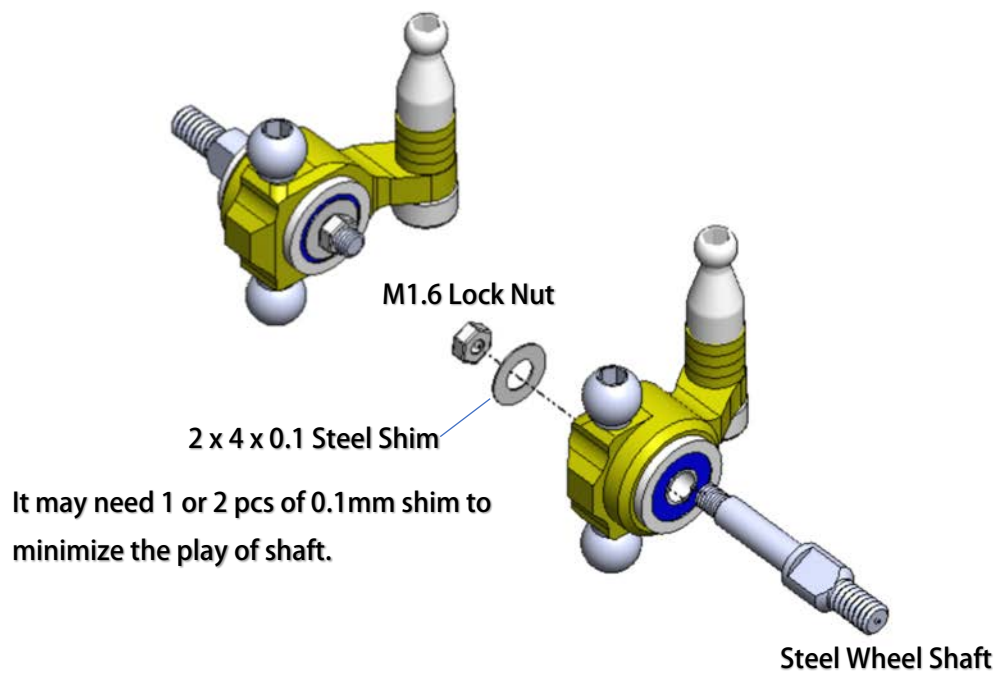
⑪ Front Knuckles



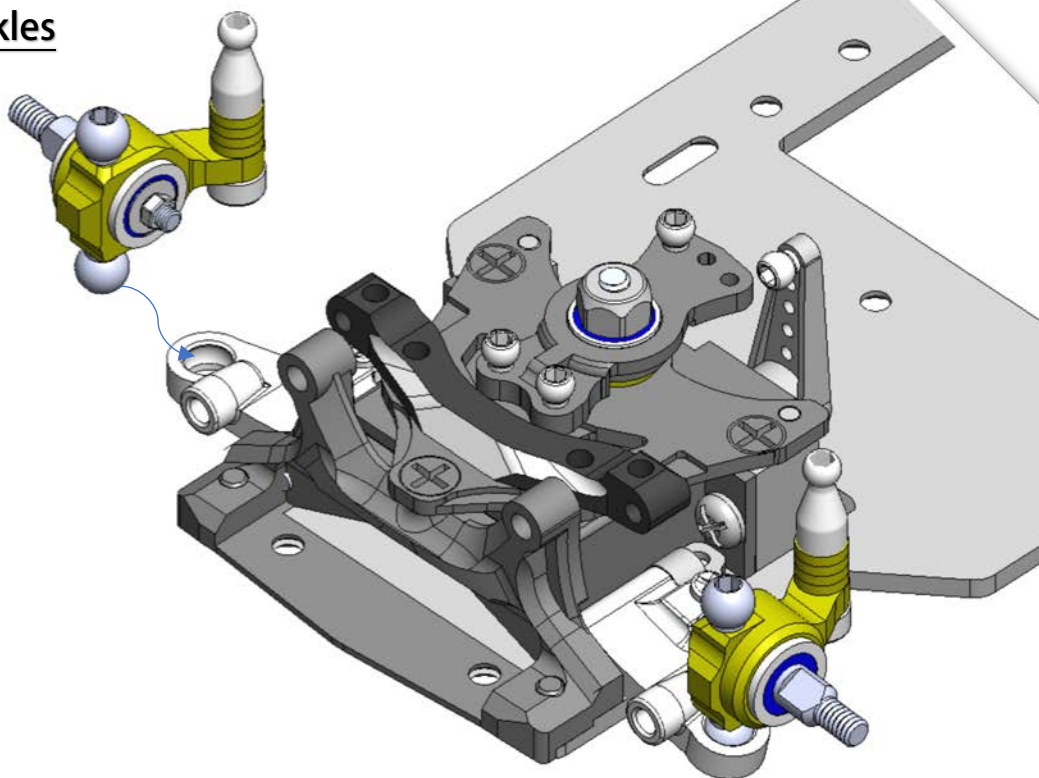
12 Front Knuckles



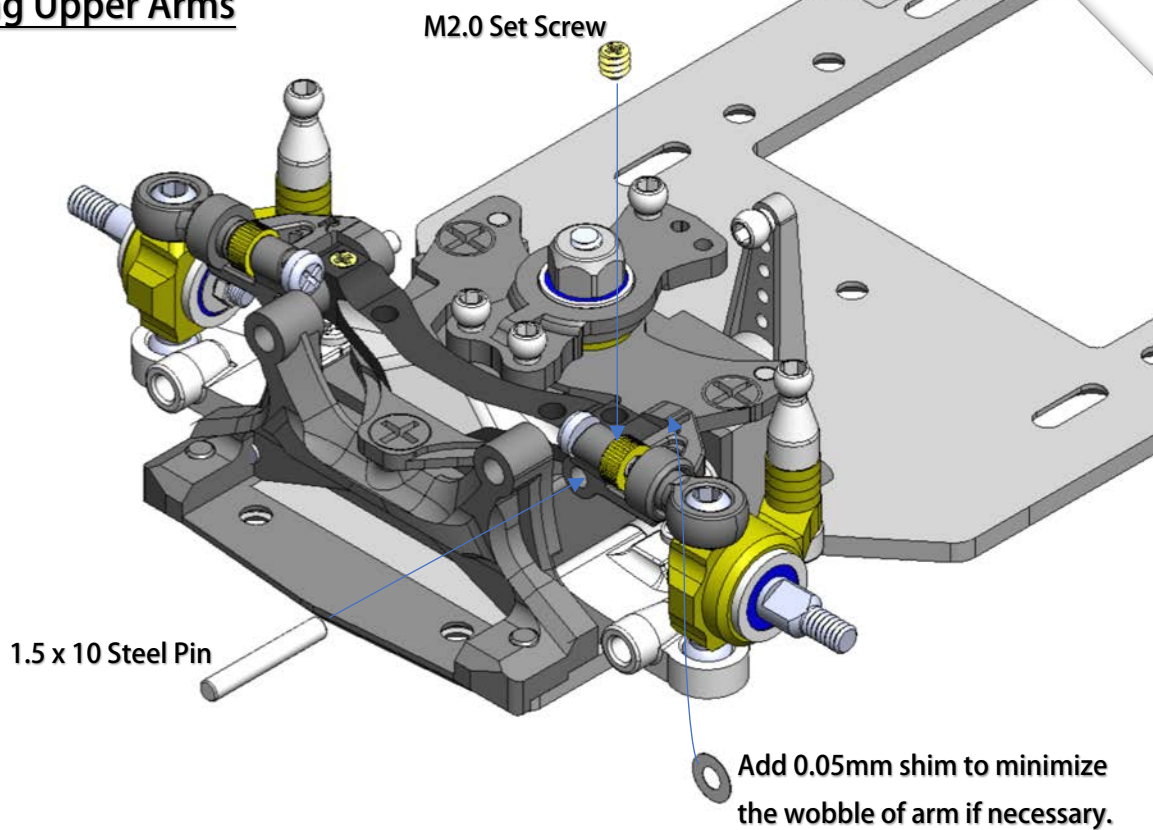
13 Front Wheel Shaft



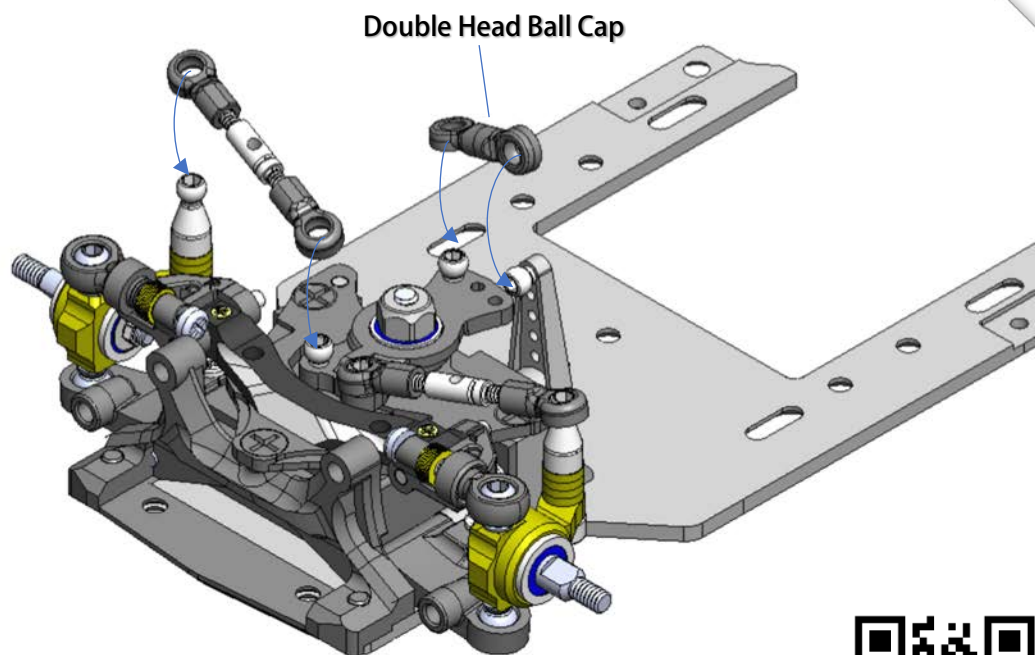
14 Fixing Knuckles



15 Fixing Upper Arms



16 Fixing Linkages

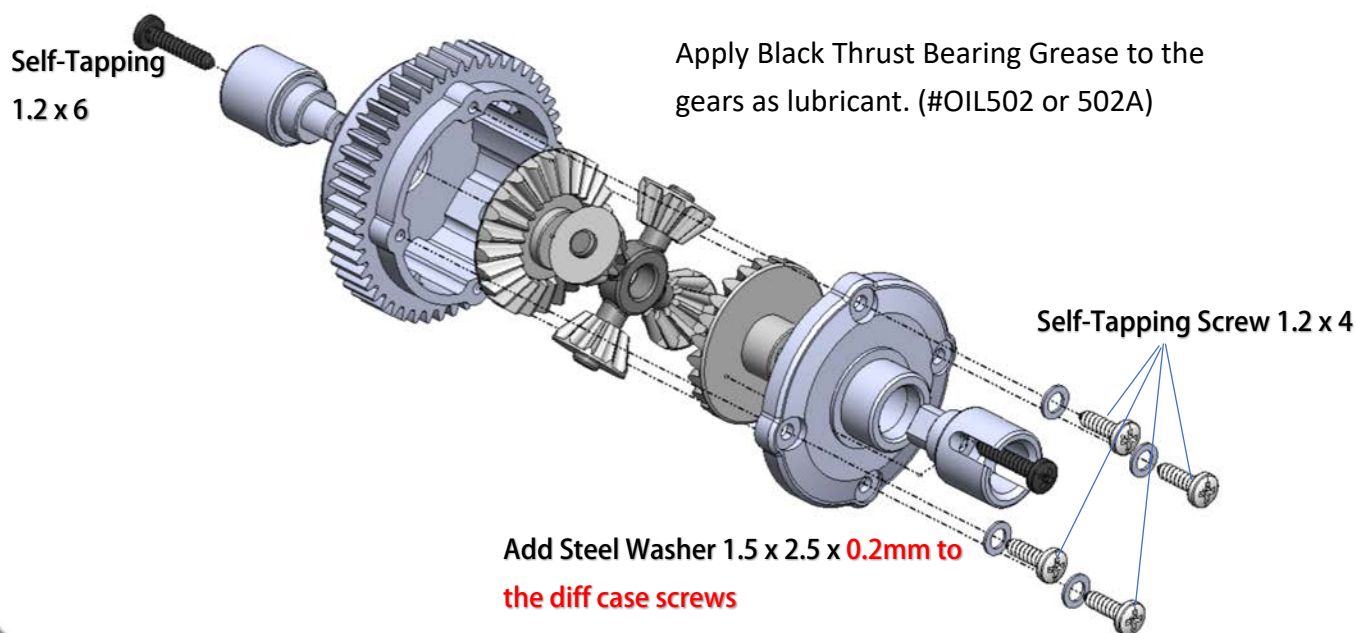


Video: Scan this QR Code to see how to make the ball caps rotate smoothly.

https://www.youtube.com/watch?feature=youtu.be&v=RMhkoIUS_og

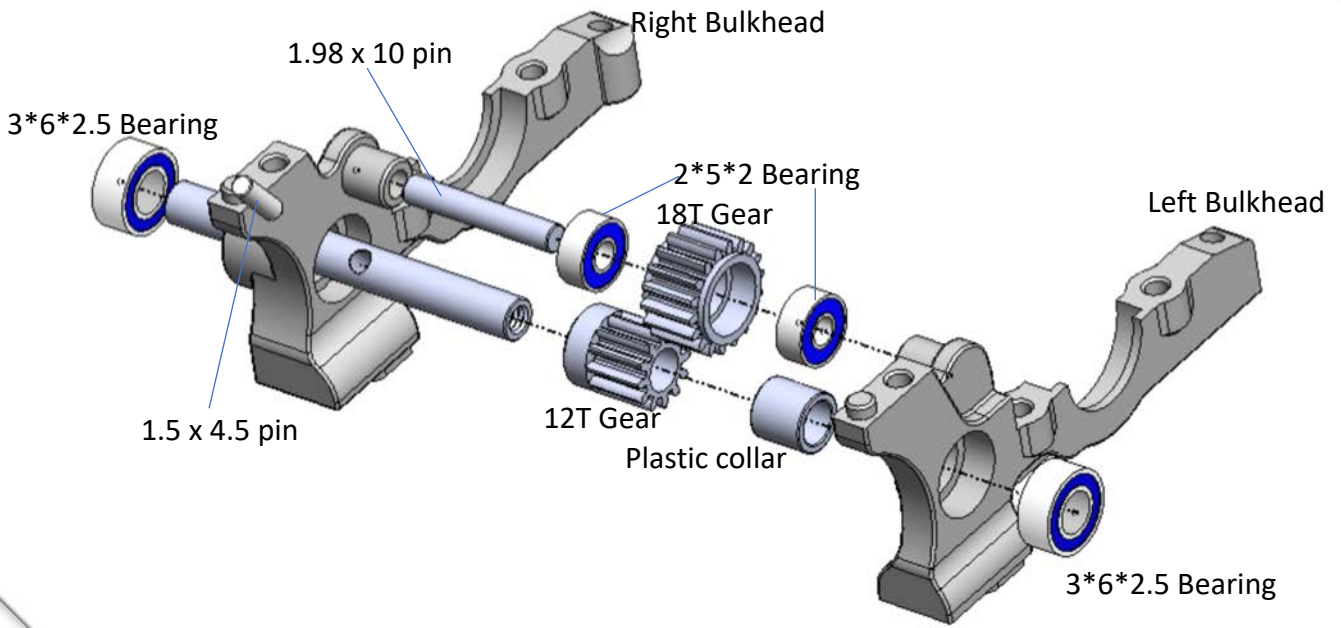


17 Gear Differential (open Bag 9)

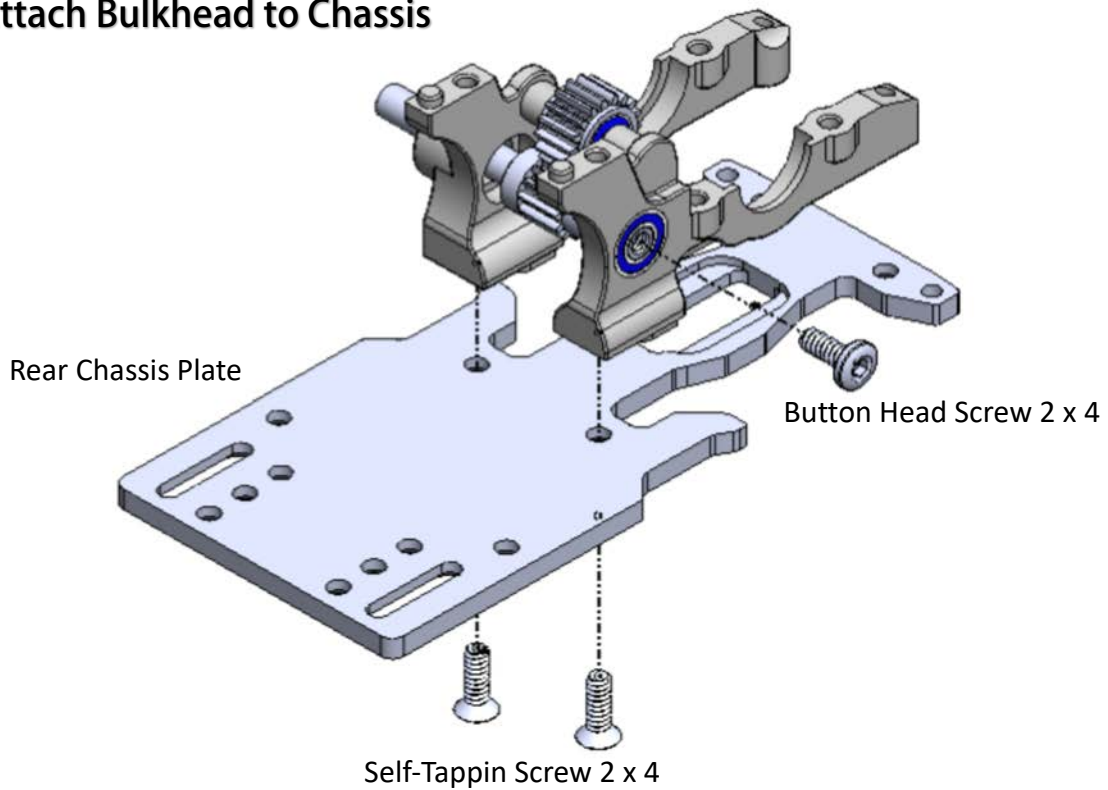


Loose the screws a little bit if the gear diff is not smooth. Also the gears mesh will be smooth after few battery runs.

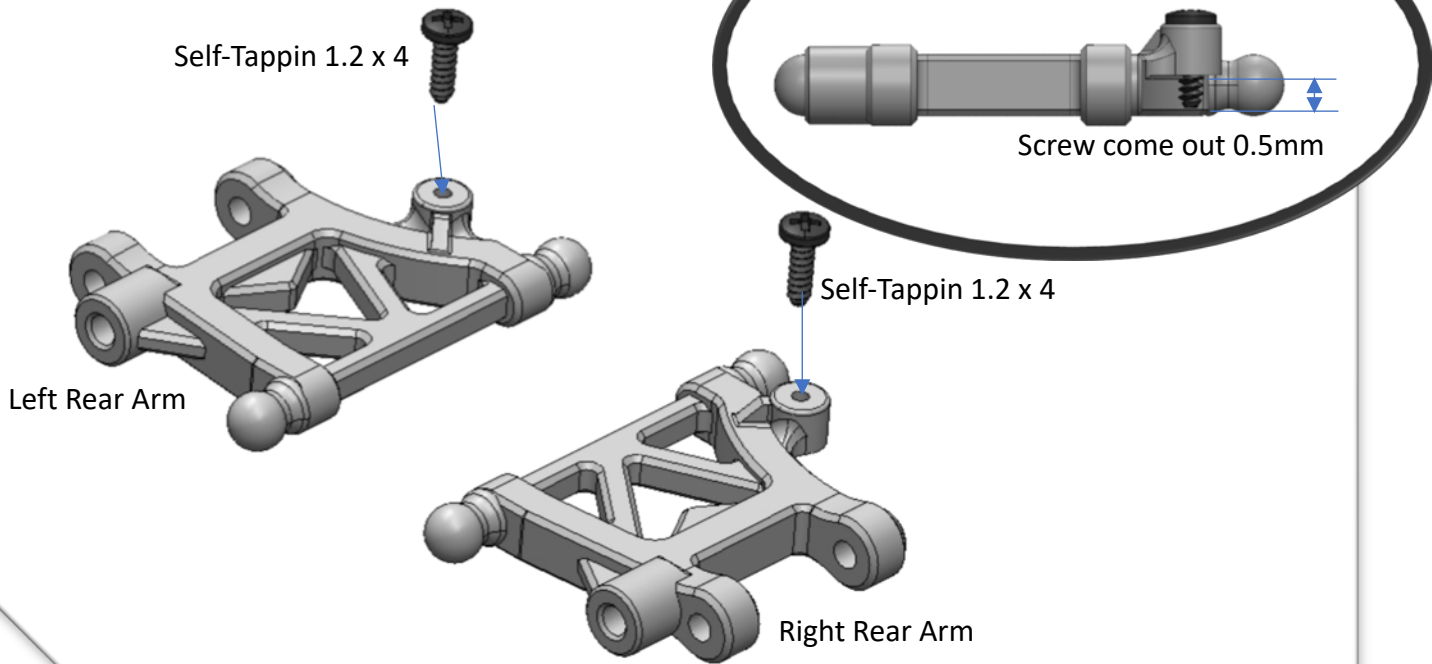
18 Rear Bulkhead (open Bag 10)



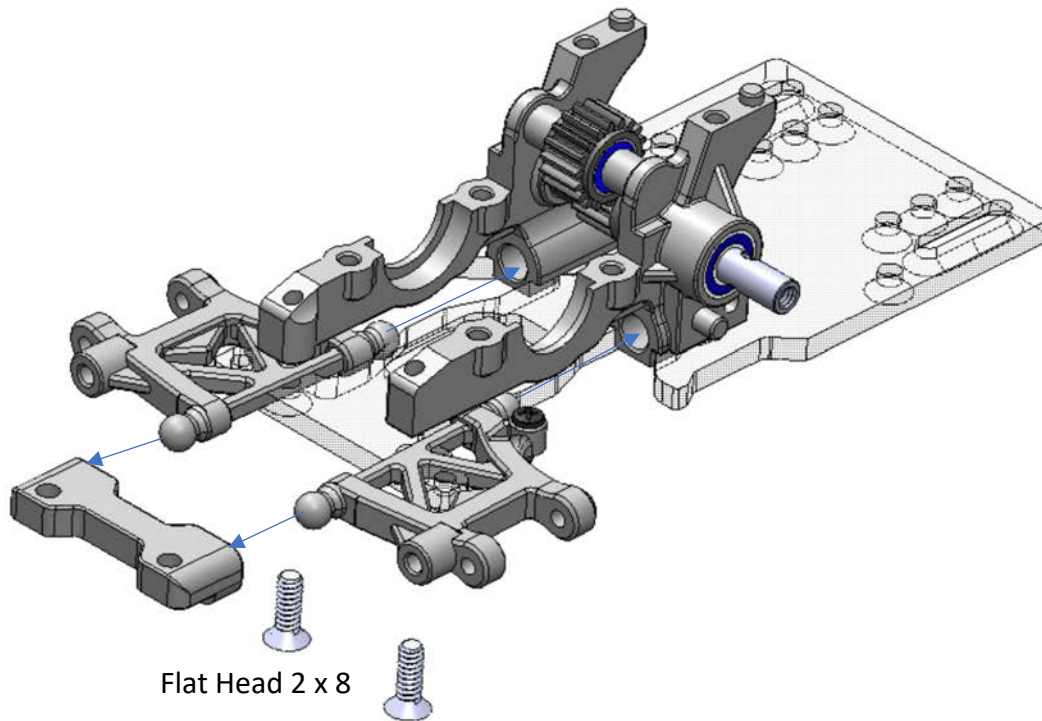
19 Attach Bulkhead to Chassis



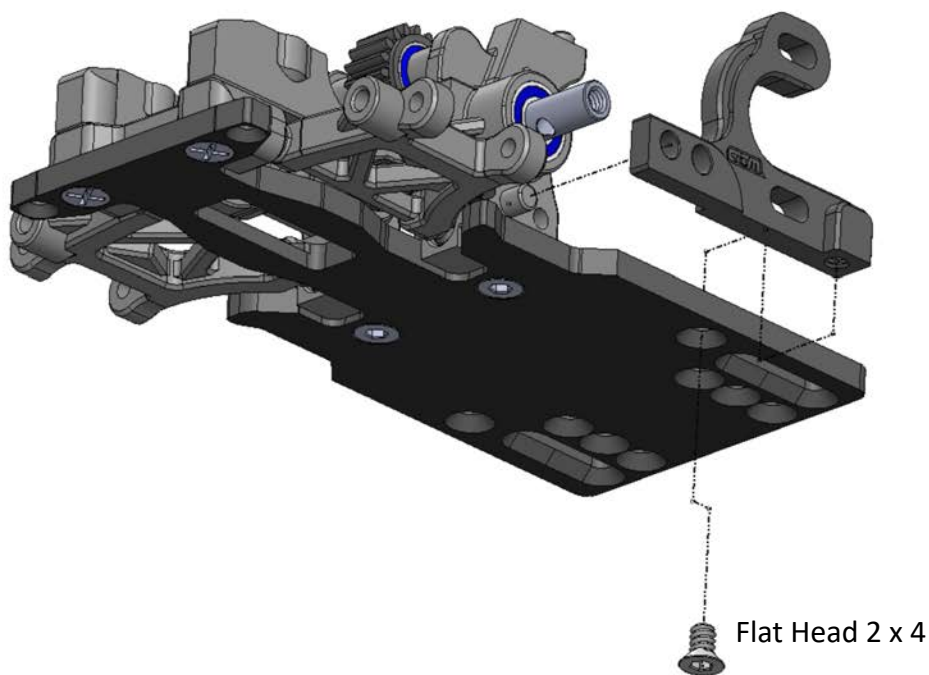
20 Rear Arms and Droop Screw



21 Attach Rear Arms to Bulkhead



22 Motor Mount



23 Spur Gear

M2x4

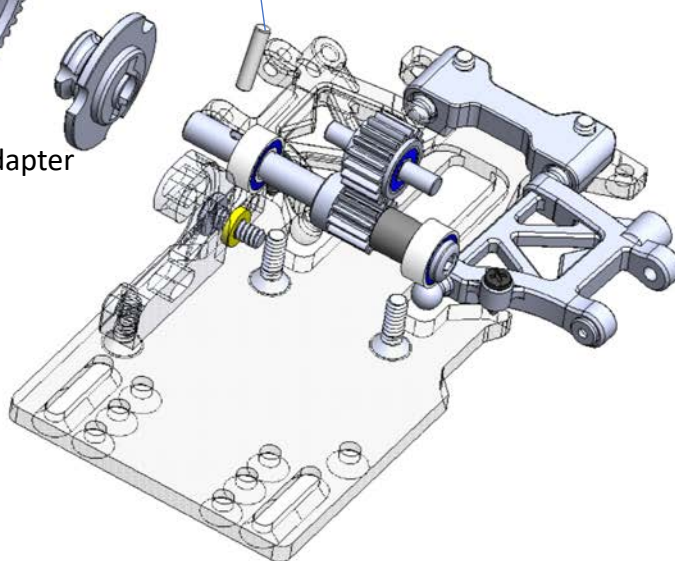
1.5x 6.5 Pin

O-Ring

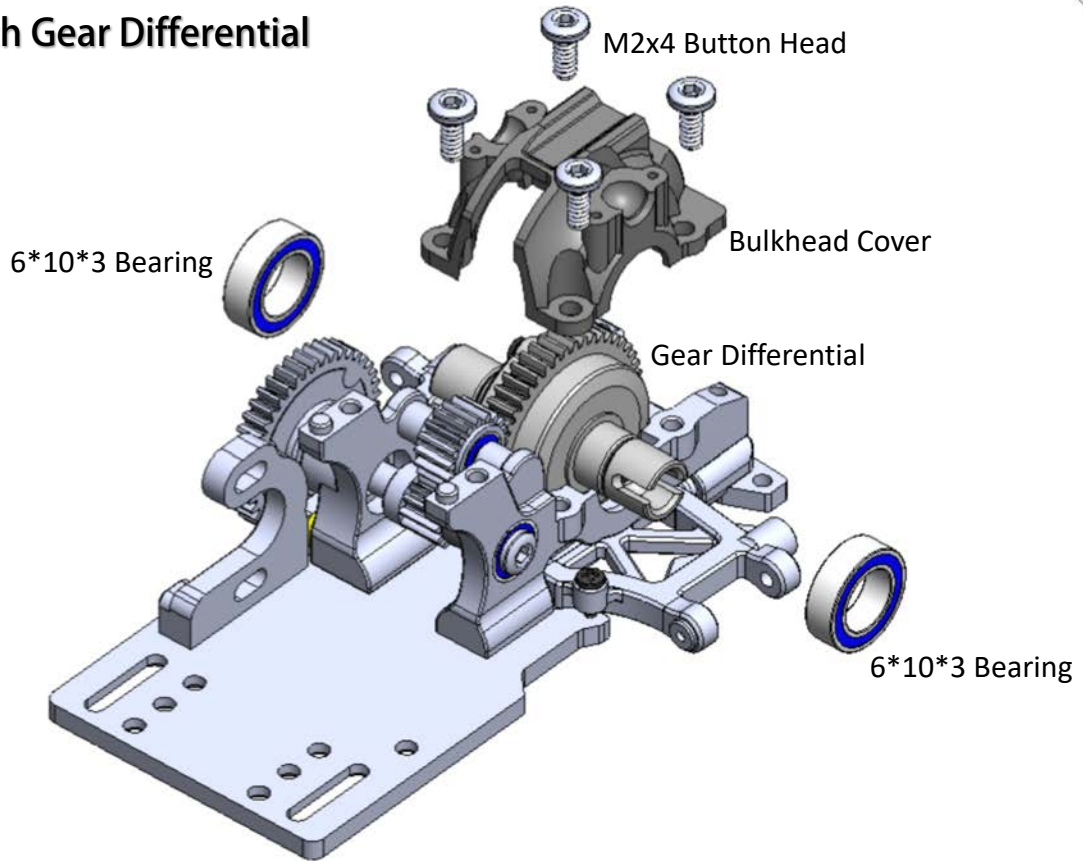
Spur Gear

1.5x 6.5 Pin

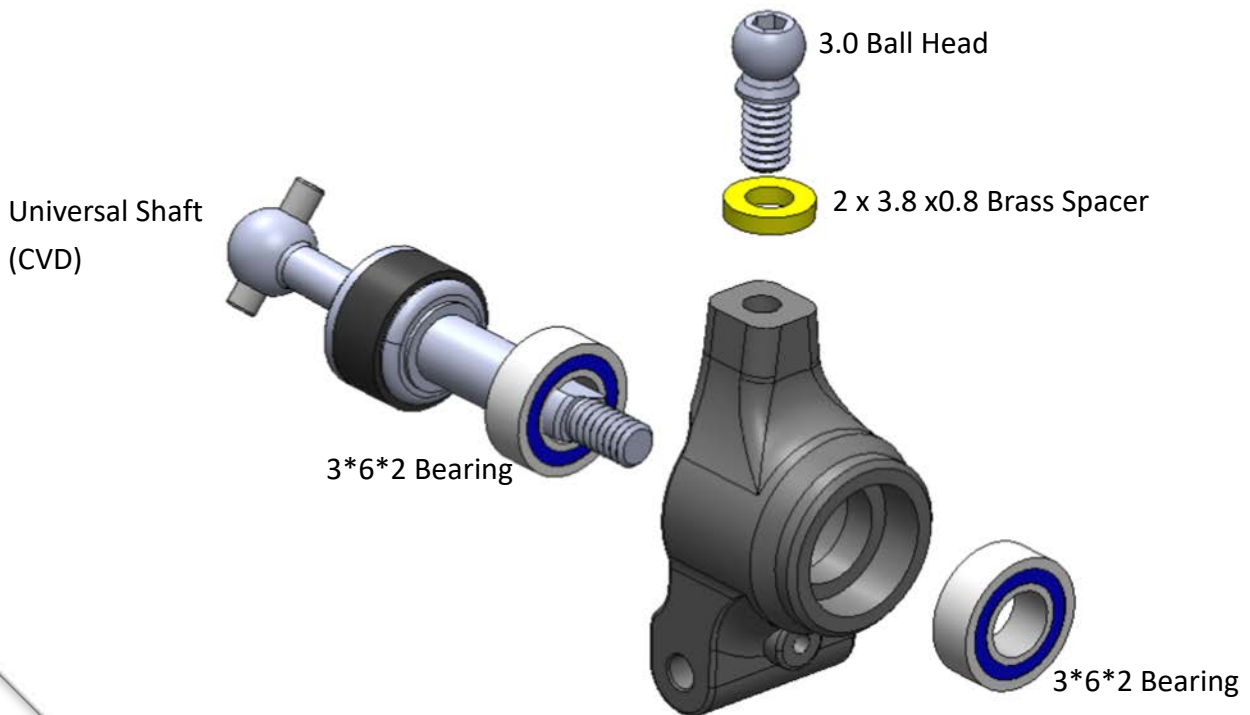
Spur Gear Adapter



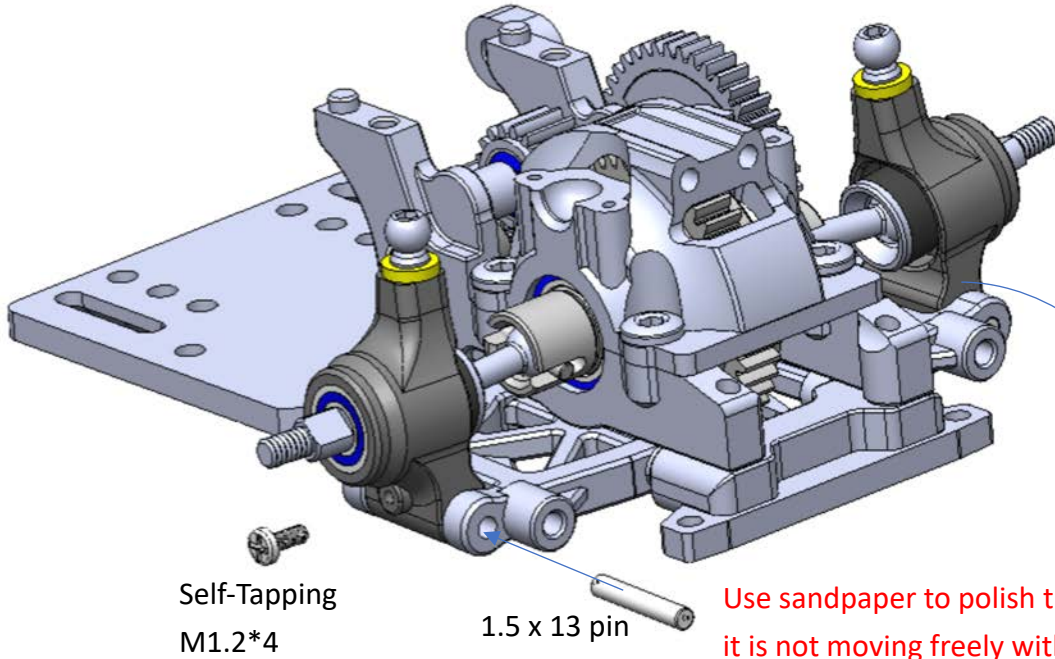
24 Attach Gear Differential



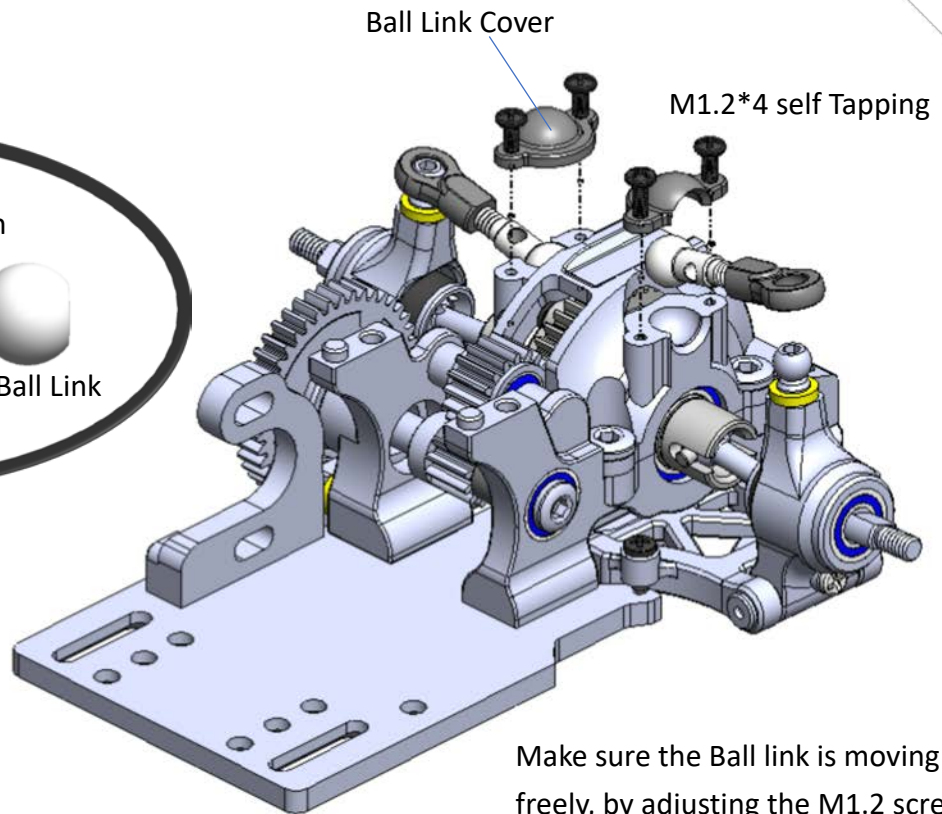
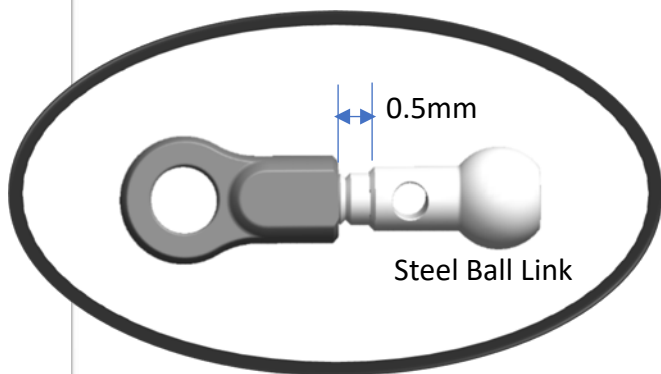
25 Rear Wheel Hub (Build 2 sets)



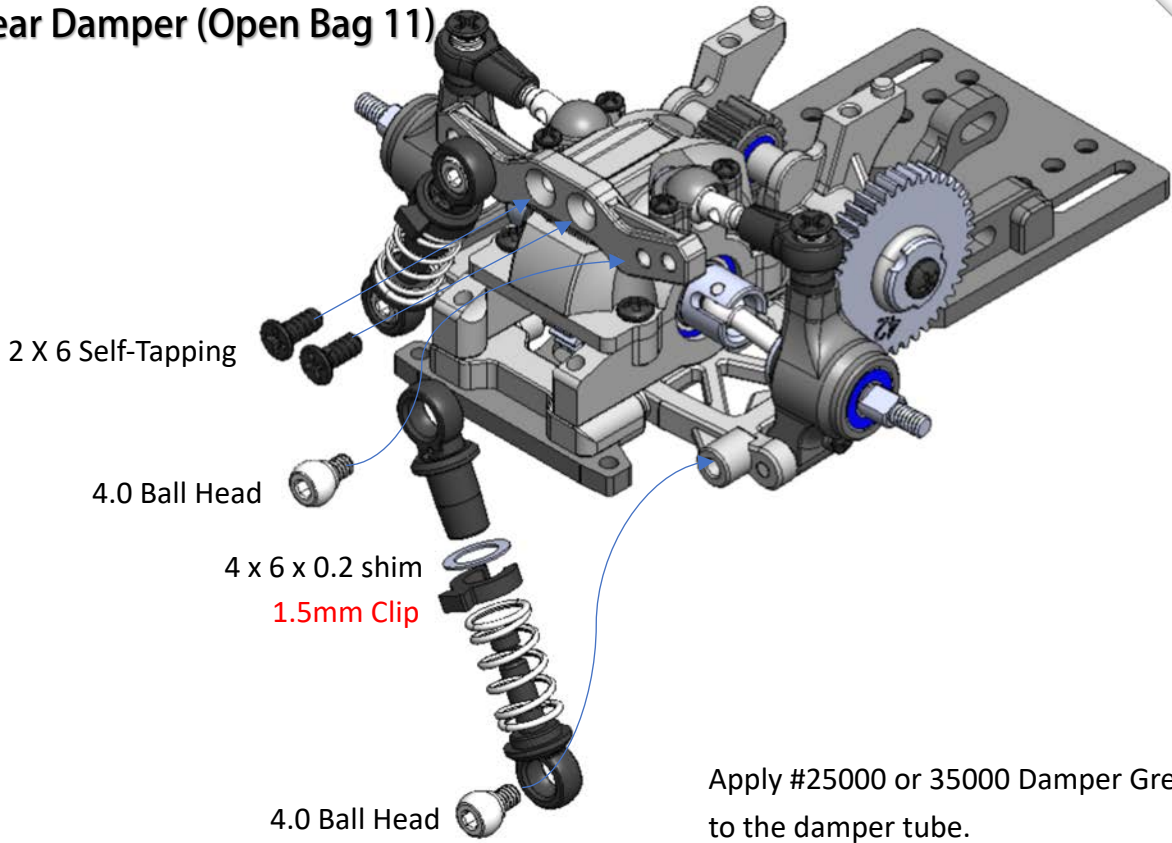
26 Rear Wheel Hub



27 Camber Link

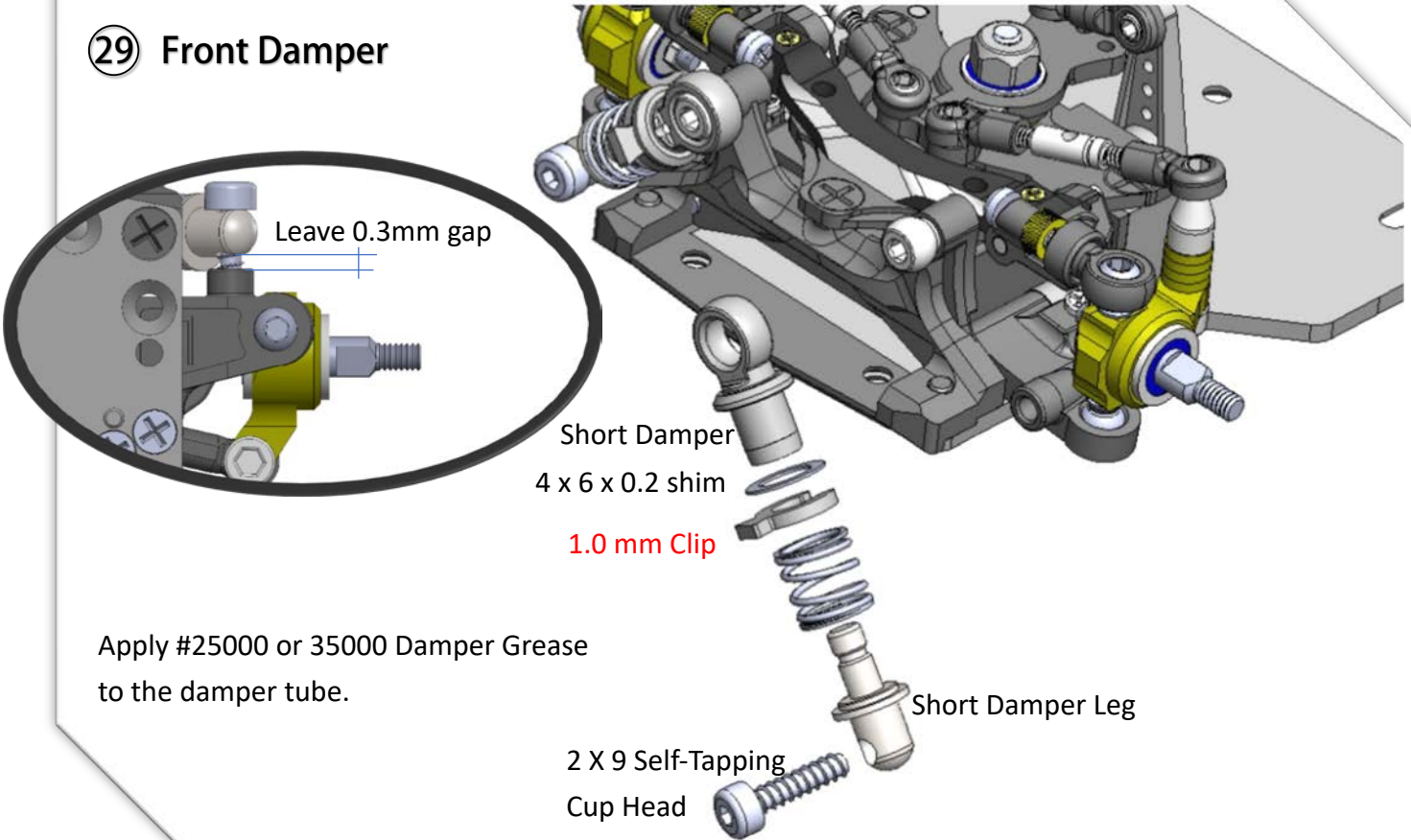


28 Rear Damper (Open Bag 11)



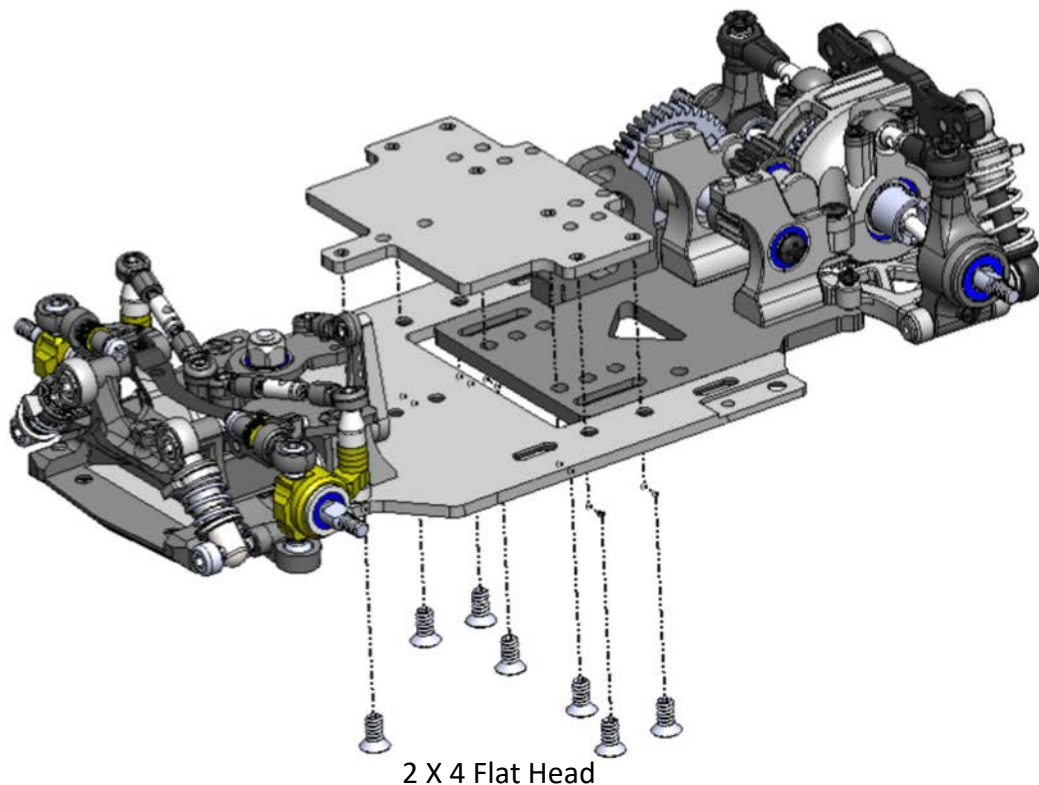
Apply #25000 or 35000 Damper Grease to the damper tube.

29 Front Damper

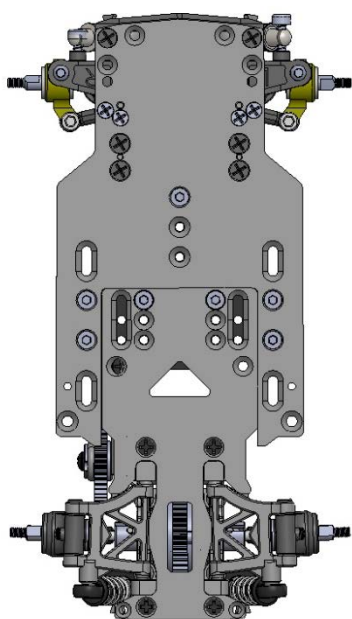


Apply #25000 or 35000 Damper Grease to the damper tube.

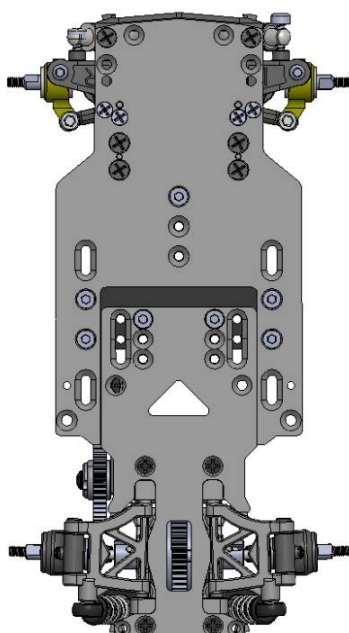
30 Bridge Mount



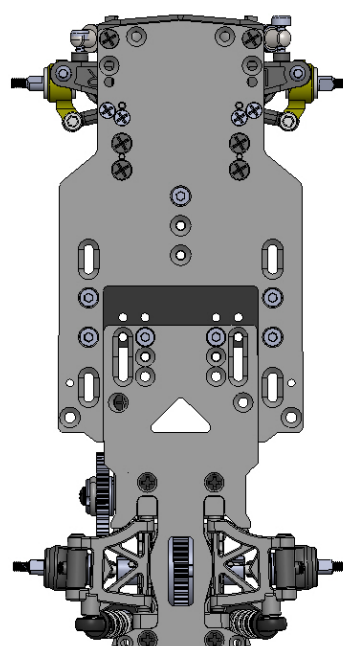
90mm WB



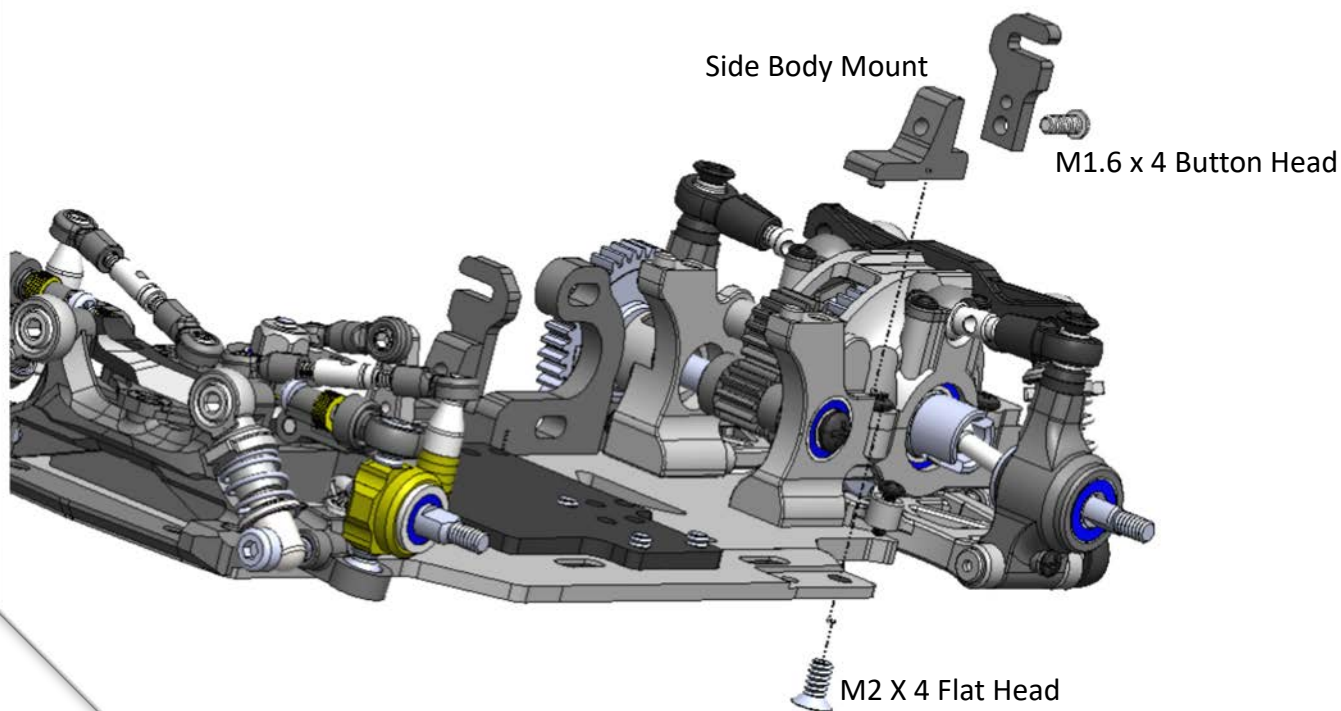
94mm WB



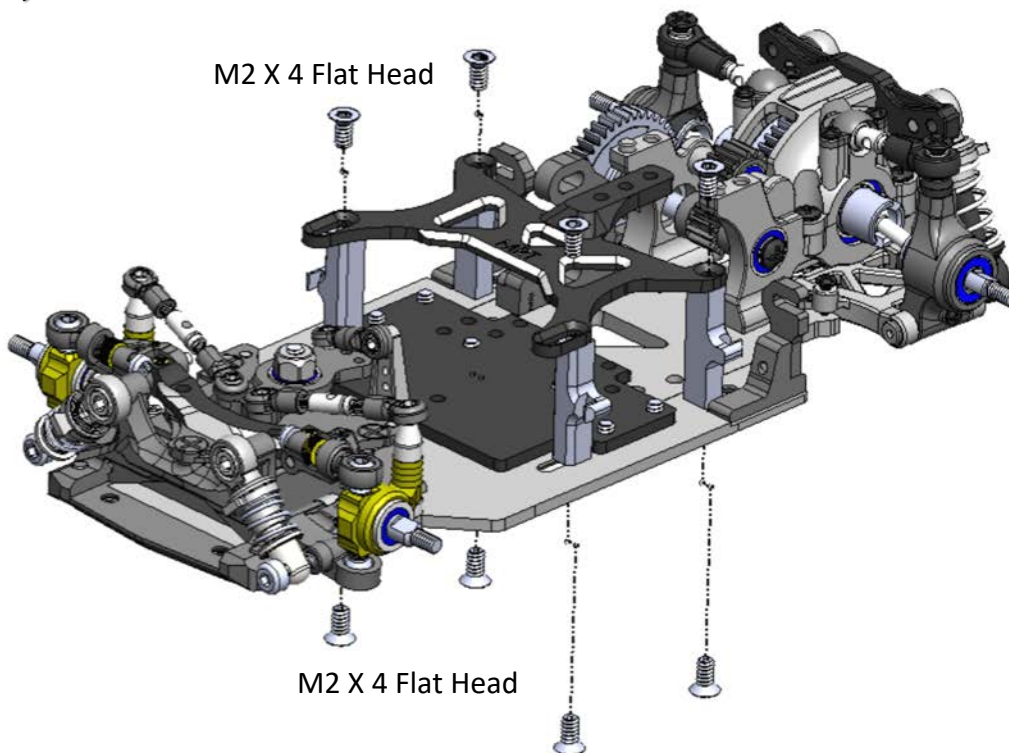
98mm WB



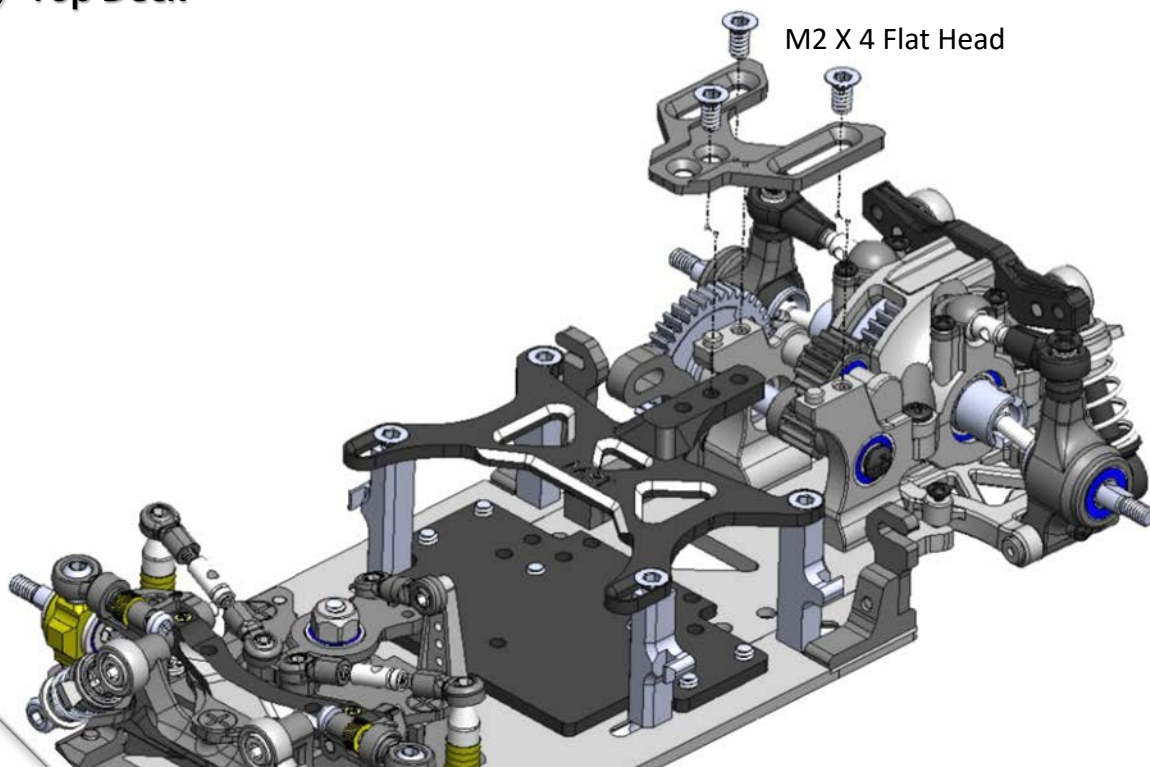
31 Side Body Mount



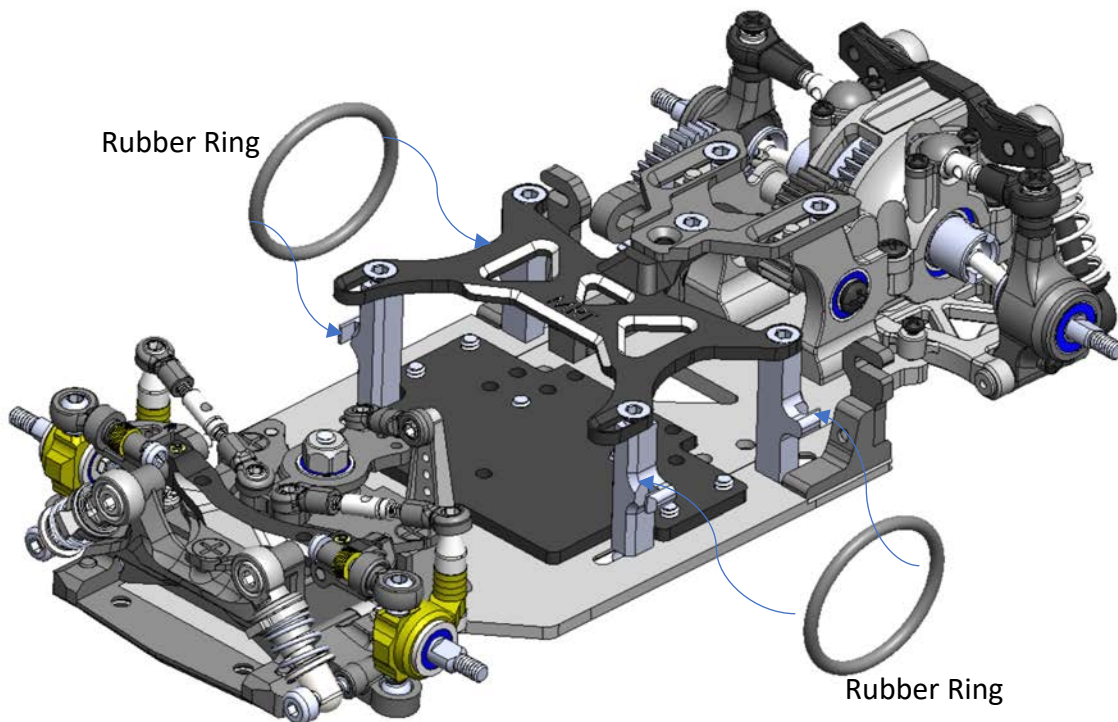
32 Battery Mount

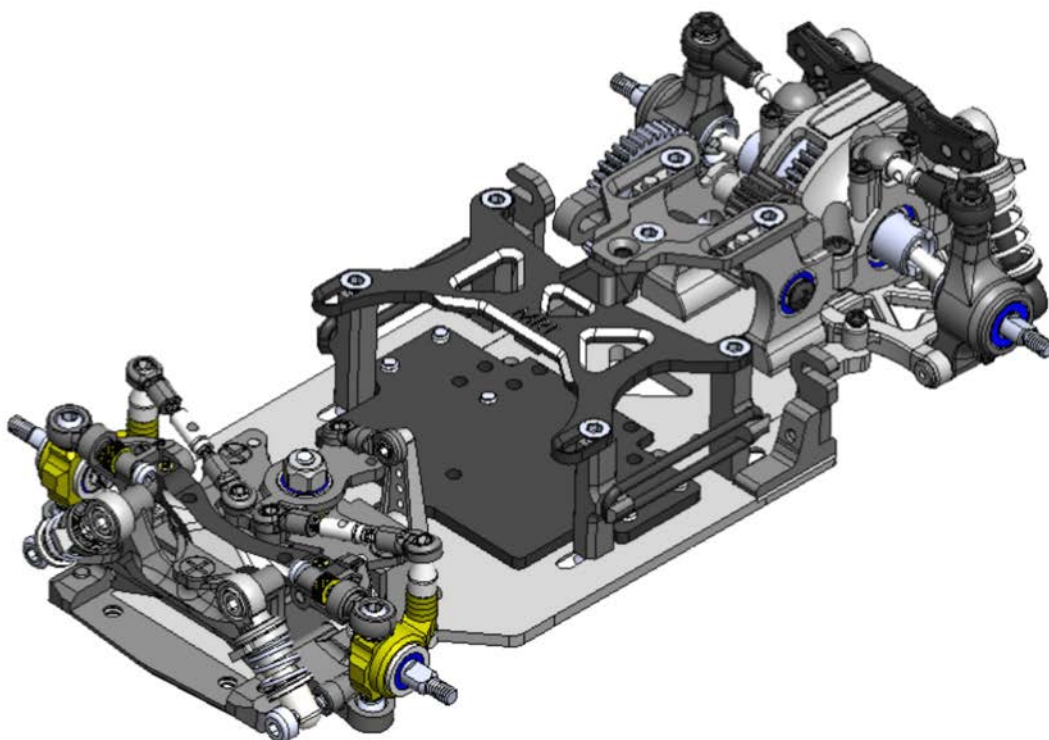


33 Top Deck

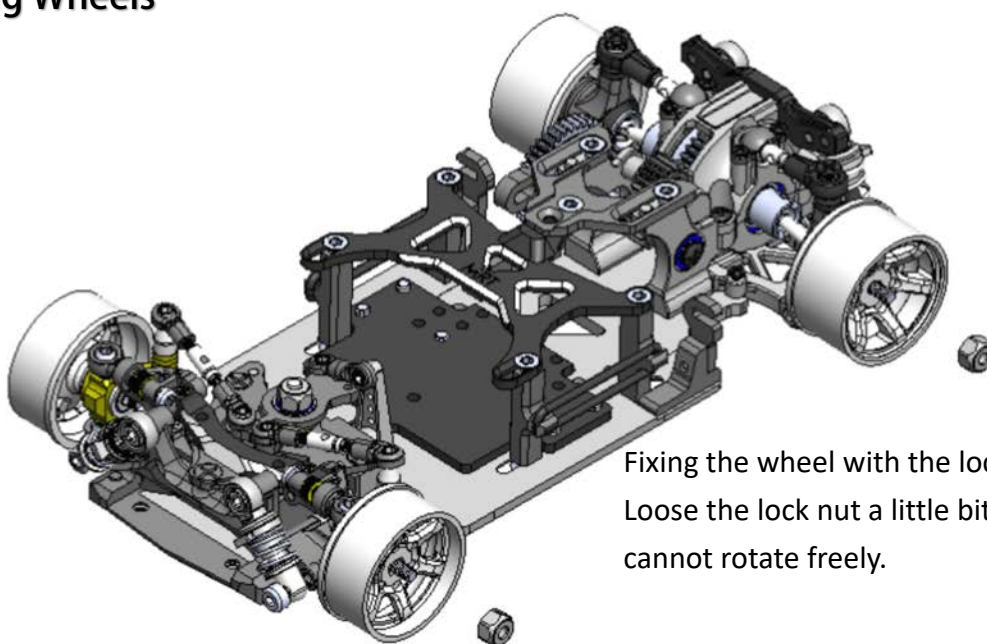


34 Battery Mount Oring





35 Fixing Wheels

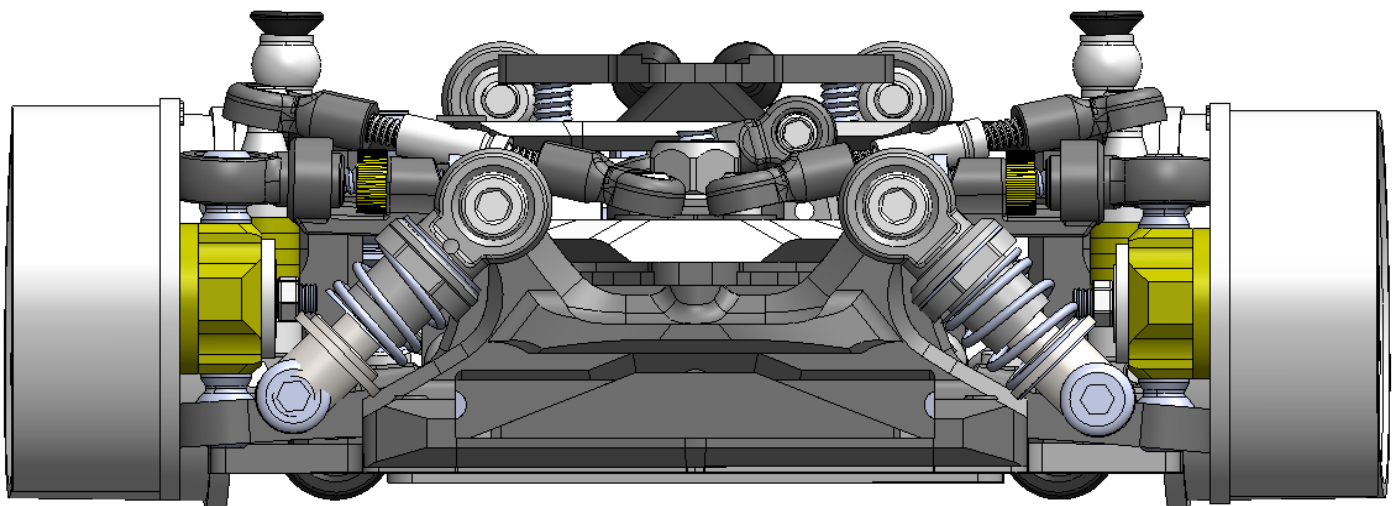
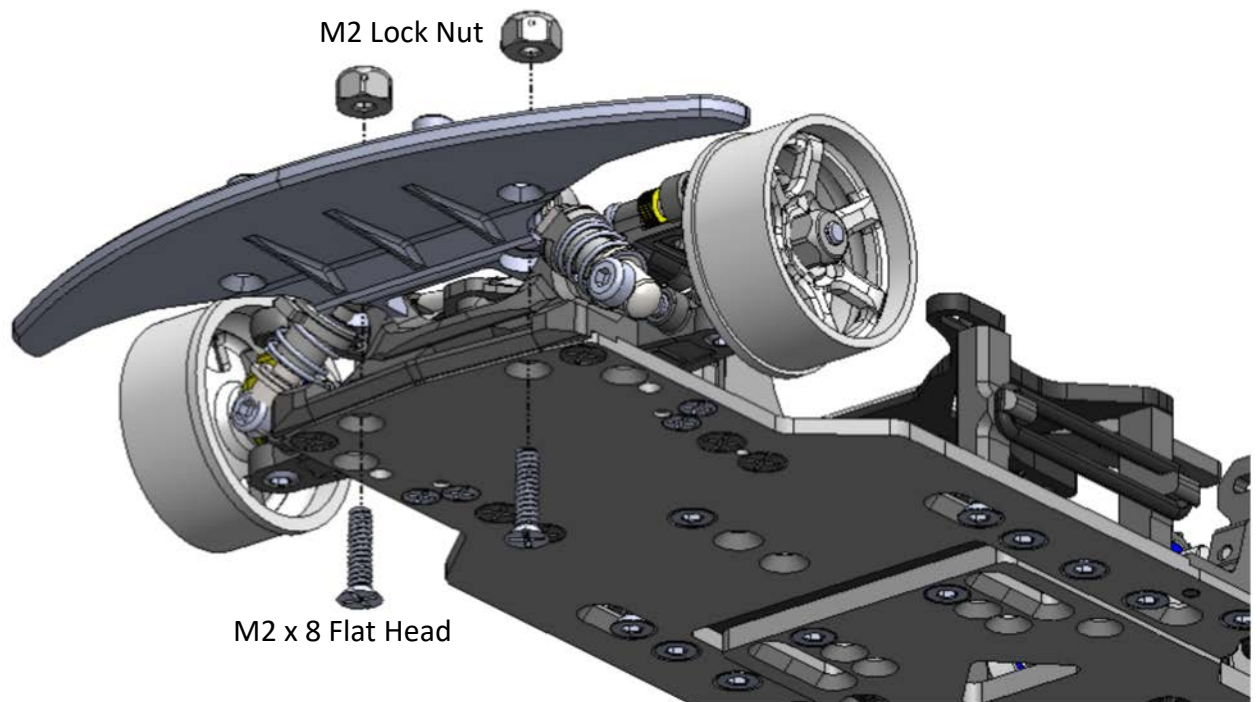


Fixing the wheel with the lock nut.
Loose the lock nut a little bit if the wheel cannot rotate freely.

Note:

When using front wheel which offset smaller than +1.0, please be reminded to adjust the steering travel (EPA) to avoid the front wheel touching the damper leg.

36 Fixing Front Bumper / Body Mount



Setup Note:

To have a good performance and stable car, the key point is to make sure there is "No droop at front suspension" no matter what ride height it is.

That means to make sure the front arm is not able to go down when you lift the car. Adjust it thru the "droop screw" of the lower arm to achieve this.

But rear arm is recommended to have some droop, to have more rear grip.

(If sway Bar is installed, the situation is different; it needs some droop for the sway bar to work well)

Gear Ratio	39	40	41	42
19	8.21	8.42	8.63	8.84
20	7.80	8.00	8.20	8.40
21	7.43	7.62	7.81	8.00
22	7.09	7.27	7.45	7.64
23	6.78	6.96	7.13	7.30
24	6.50	6.67	6.83	7.00
25	6.24	6.40	6.56	6.72
26	6.00	6.15	6.31	6.46
27	5.78	5.93	6.07	6.22
28	5.57	5.71	5.86	6.00
29	5.38	5.52	5.66	5.79
30	5.20	5.33	5.47	5.60
31	5.03	5.16	5.29	5.42

	Optional Parts List
MRTP-UP01S	MRT Front Spring SOFT (White)
MRTP-UP01M	MRT Front Spring MID (Yellow)
MRTP-UP01H	MRT Front Spring Hard (Purple)
MRTP-UP01XH	MRT Front Spring Extra Hard (Black)
MRTP-UP02S	MRT Rear Spring SOFT (White)
MRTP-UP02M	MRT Rear Spring MID (Yellow)
MRTP-UP02H	MRT Rear Spring Hard (Purple)
MRTP-UP02XH	MRT Rear Spring Extra Hard (Black)
MRTP-UP03	MRT Brass Chassis (Front 35 gram)
MRTP-UP04	MRT Brass Chassis (Rear 25 gram)
MRTP-UP05	MRT Rear Damper Extension Mount
MRTP-UP06	MRT Front Adjustable Damper
MRTP-UP07	MRT Carbon Rear Shock Tower and Body Post
MRTP-UP07B	MRT Rear Short Damper Set (must use with Carbon Tower)
MRTP-UP08	MRT Front Wide Offset Conversion Set
MRTP-UP09	MRT Rear Alu. Bulkhead
MRTP-UP10	MRT Ball Differential
MRTP-UP10P1	Ball Diff Pressure Plate and spare parts
MRTP-UP10P2	Ball Diff Main Gear (48T)