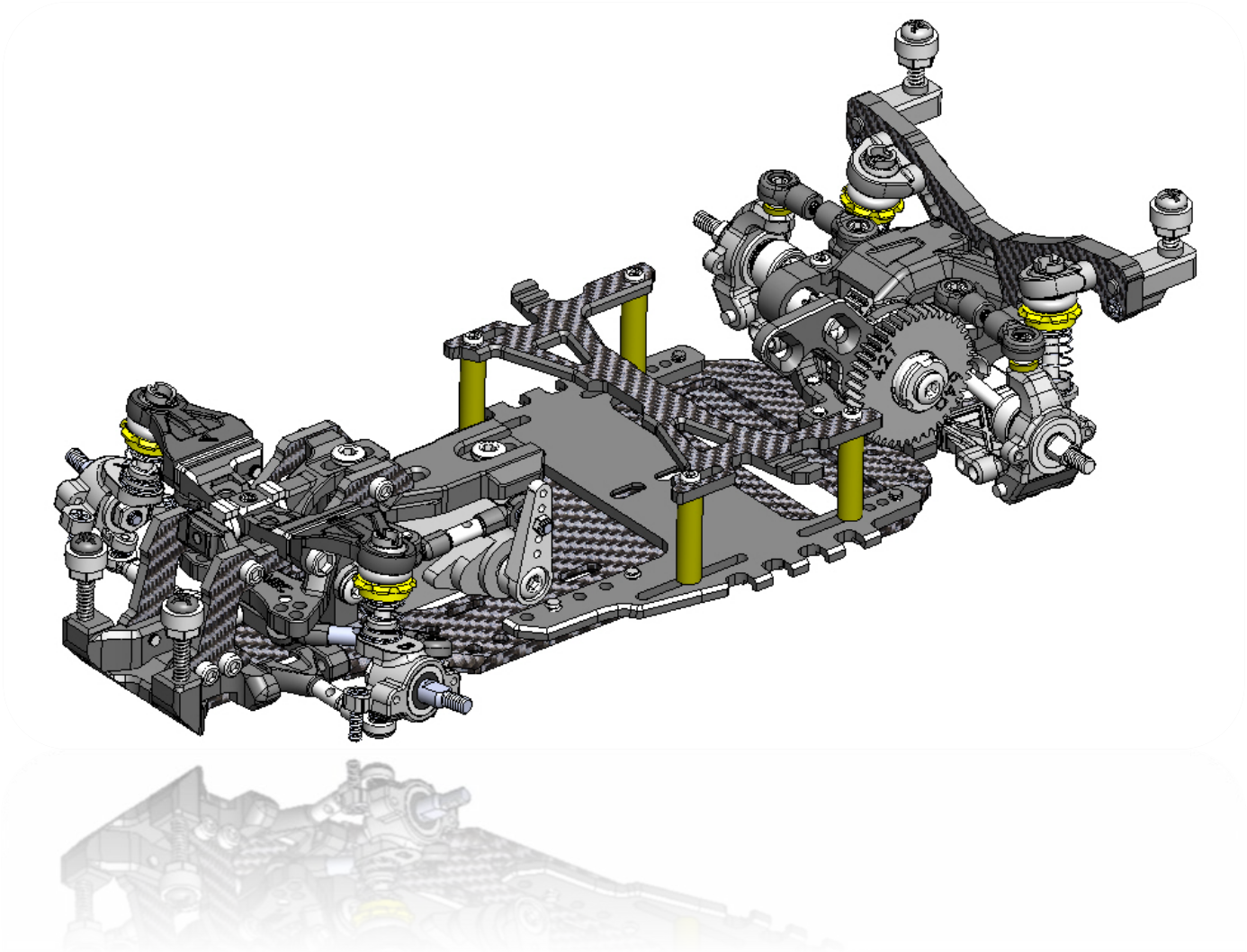
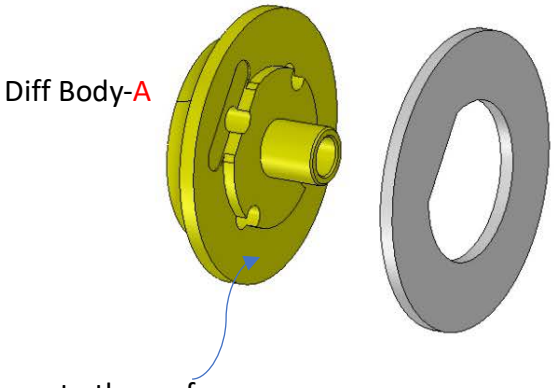
DRZ3-MP



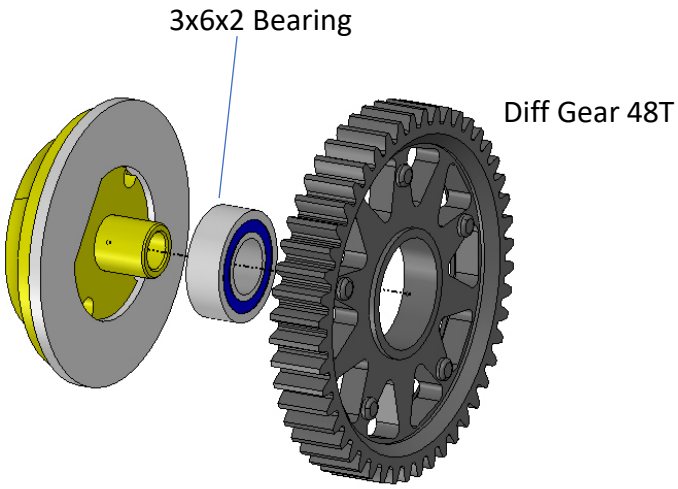
Step 01 – Ball Diff (open Bag 01-05)



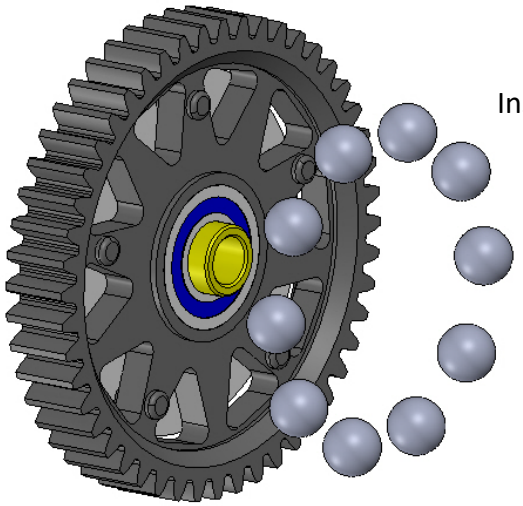
Steel Pressure Plate
For better result, polish the plates using fine sandpaper, #2000 or #3000

Apply Ball Diff Grease to the surface, as sticky agent to hold the pressure plate in place.

Step 02 – Diff Gear



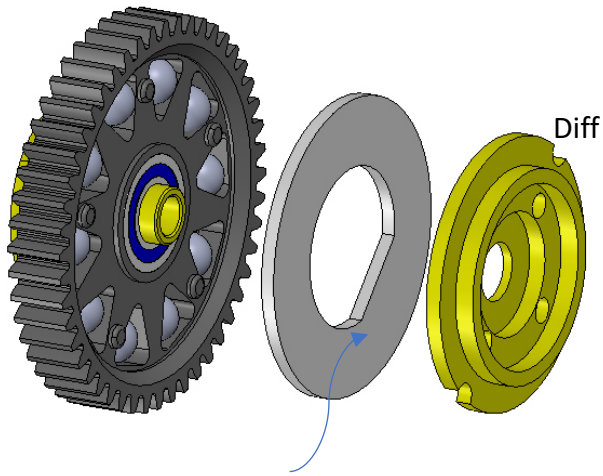
Step 03 – Diff Balls



Insert 2.381 Balls to the Ring.

1- Apply Ball Diff Grease to your hand palm.
2- Then put all the balls on palm.
3- Rub the balls with finger to make sure the grease is evenly applied on ball surface.
4- Put the balls in the gear ring.

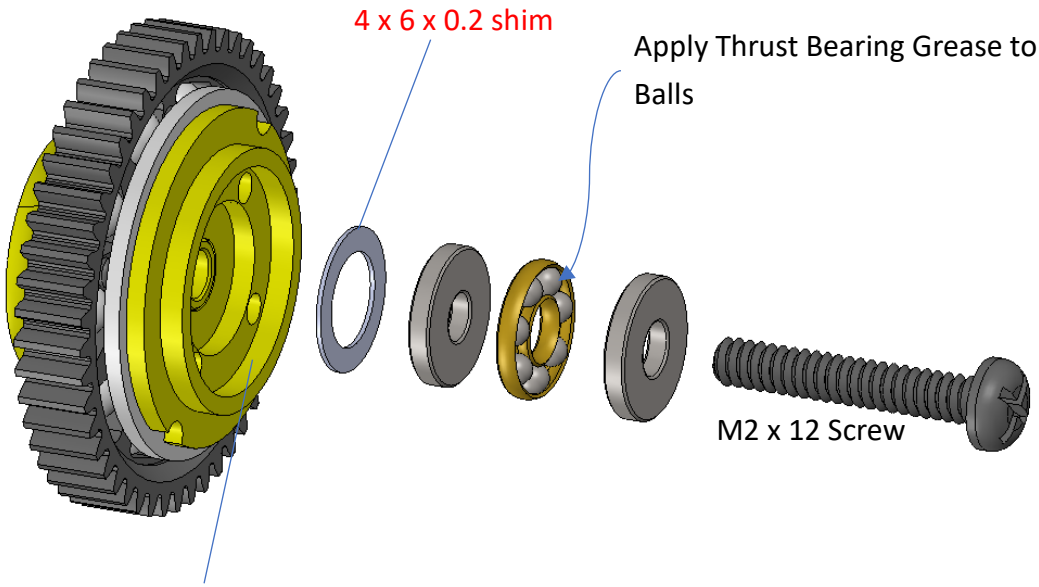
Step 04 – Fix Pressure Plate



Diff Body-B

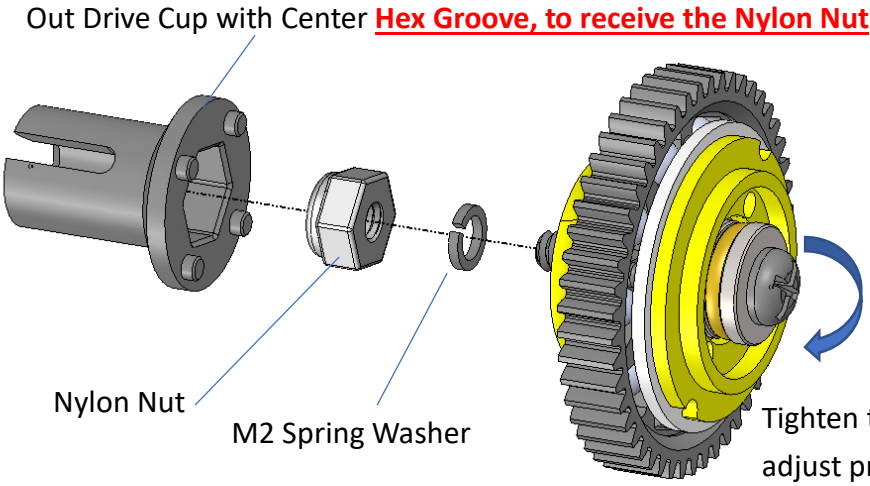
Apply Ball Diff Grease to the surface, as sticky agent to hold the pressure plate in place.

Step 05 – Thrust Bearing

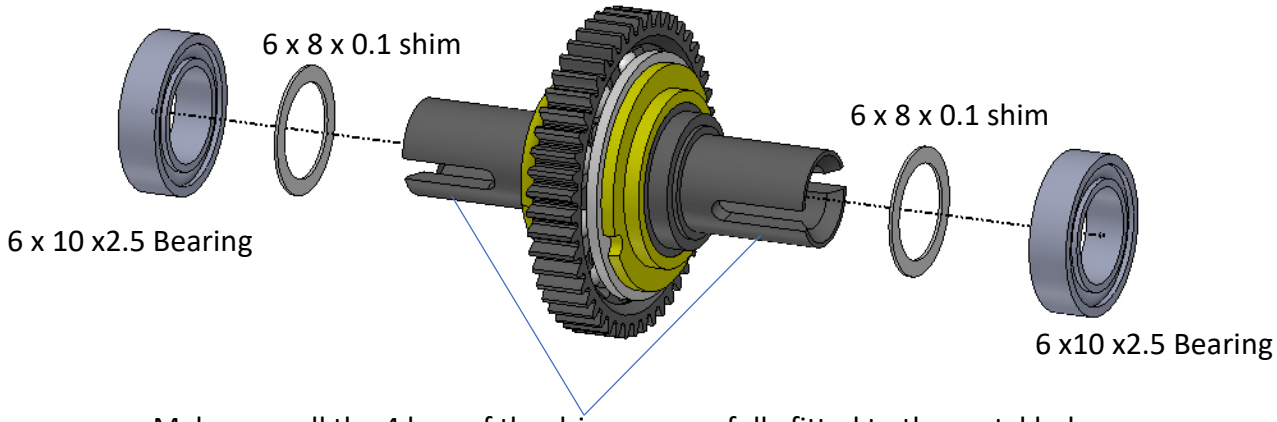


*** Note the orientation of the parts, Thrust Bearing must be fixed on the **Diff Body - B.**

Step 06 – Spring Washer

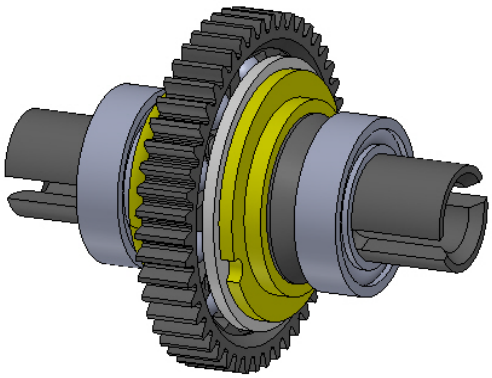


Step 07 – Fix Bearing

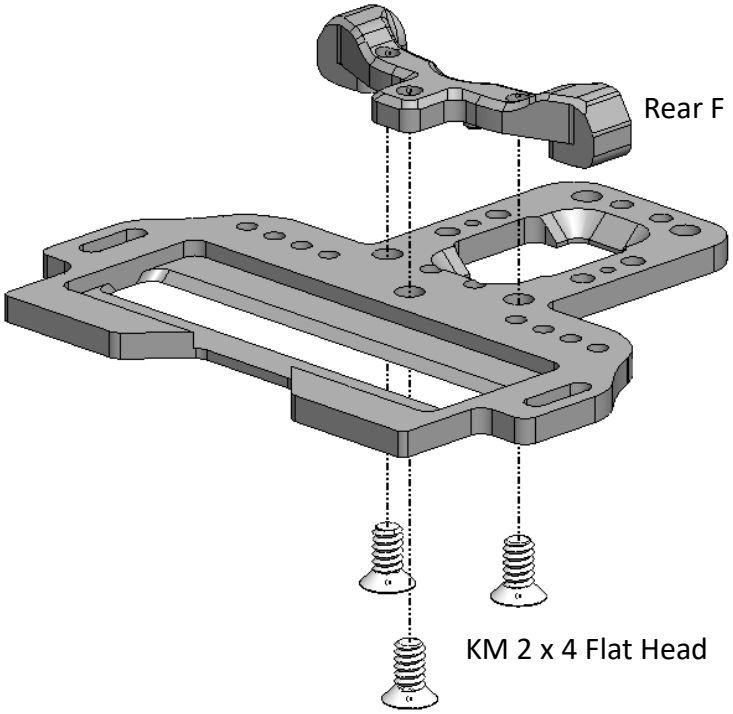


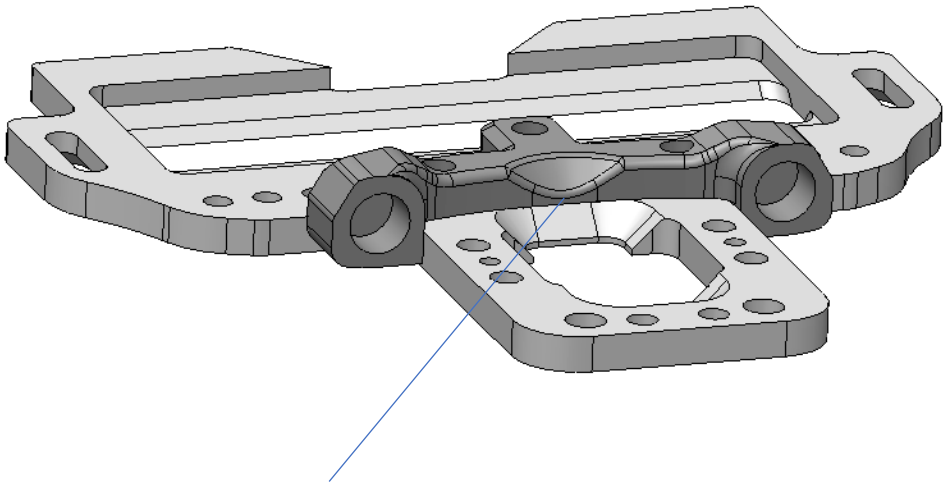
Make sure all the 4 legs of the drive cup are fully fitted to the metal hub.

Ball Diff Ready



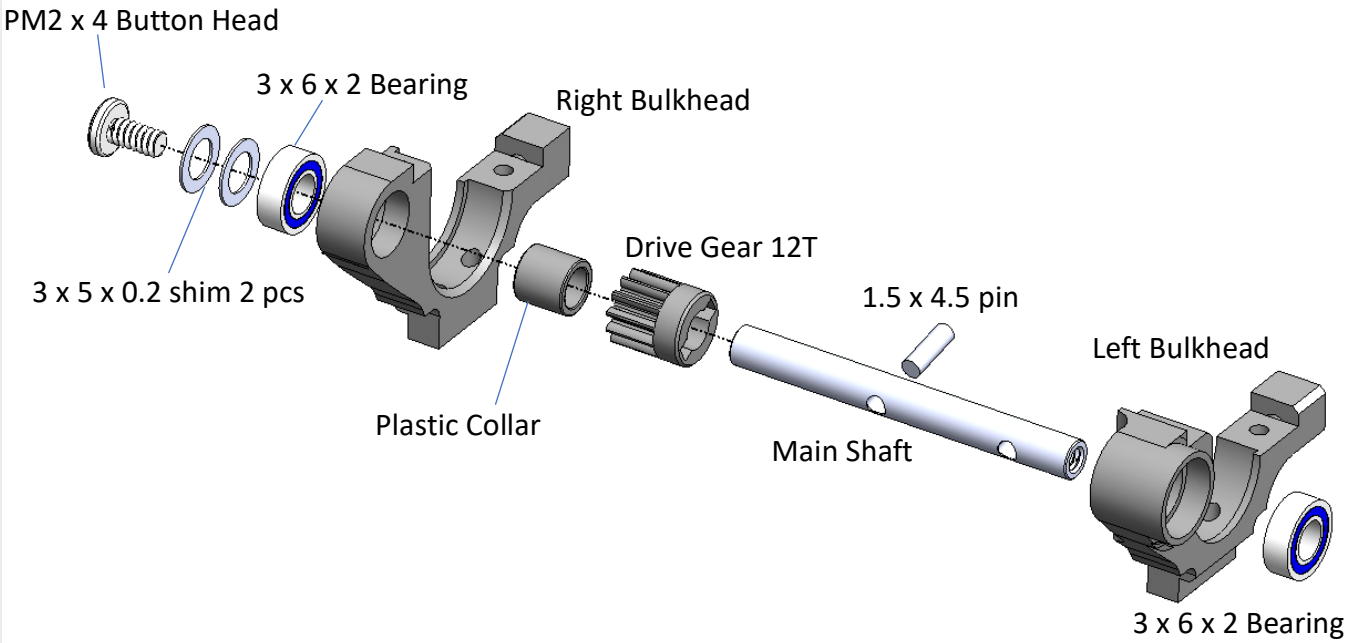
Step 08 – Rear Arm Mount (open Bag 06 and 07)



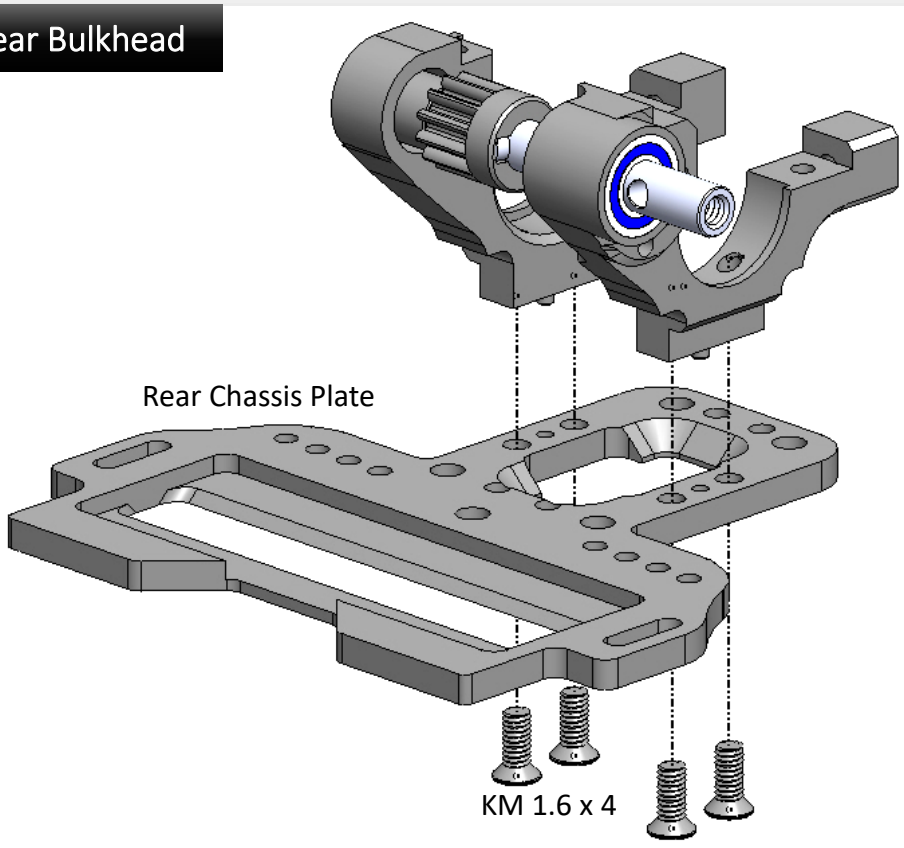


Make sure the arm mount is fully sitting on the chassis without gap. Otherwise, it may touch the ball diff in later step of installation.

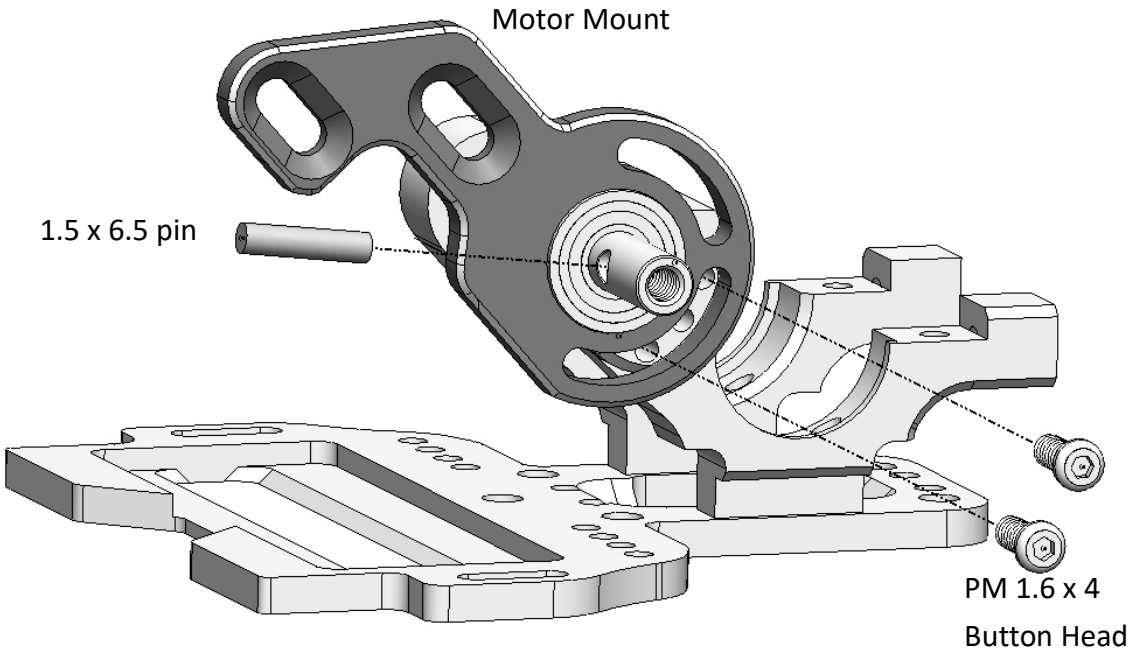
Step 09 – Rear Bulkhead



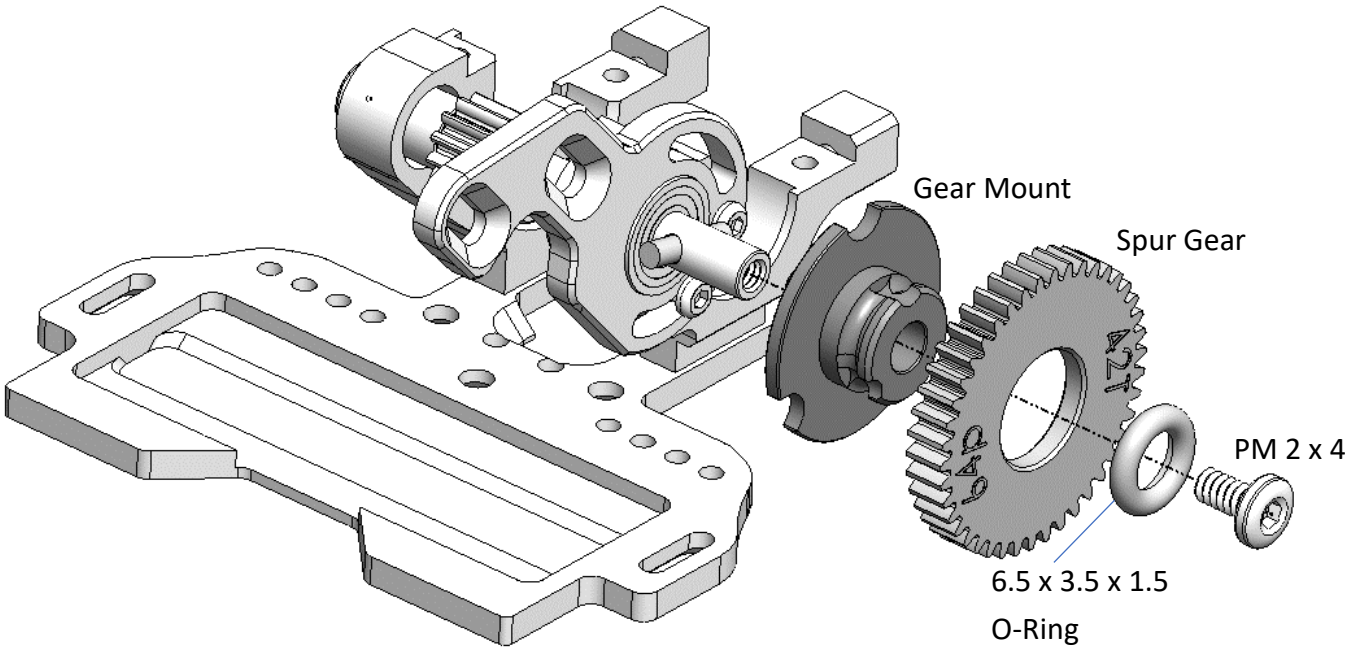
Step 10 – Rear Bulkhead



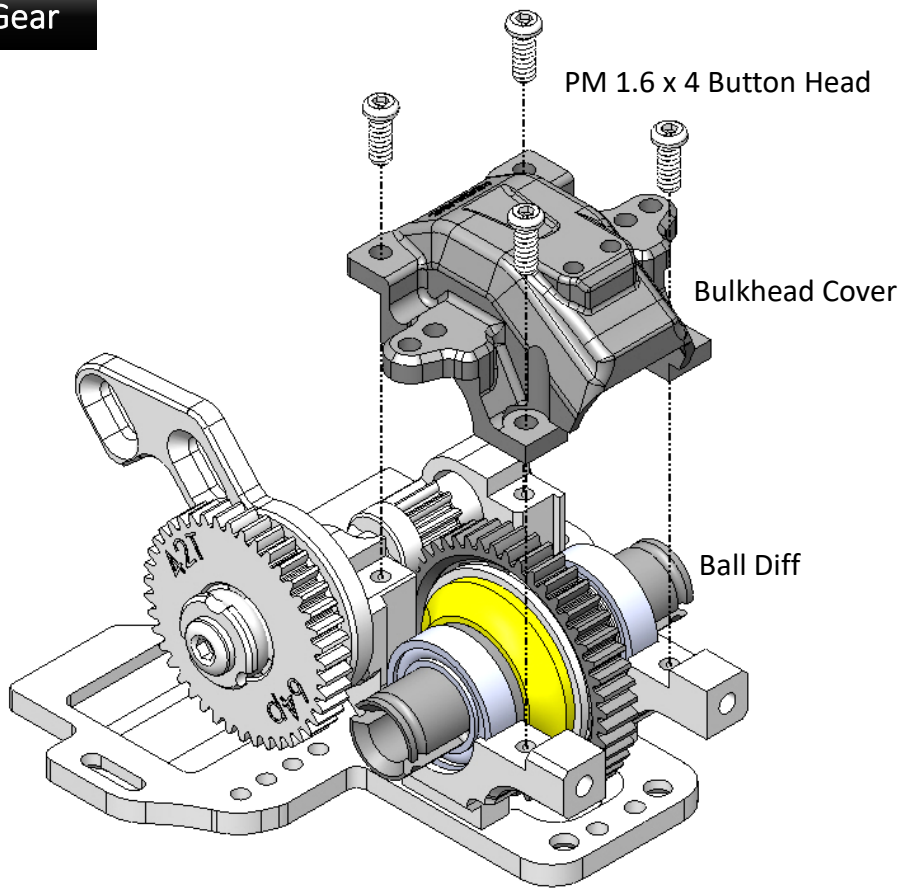
Step 11 – Motor Mount



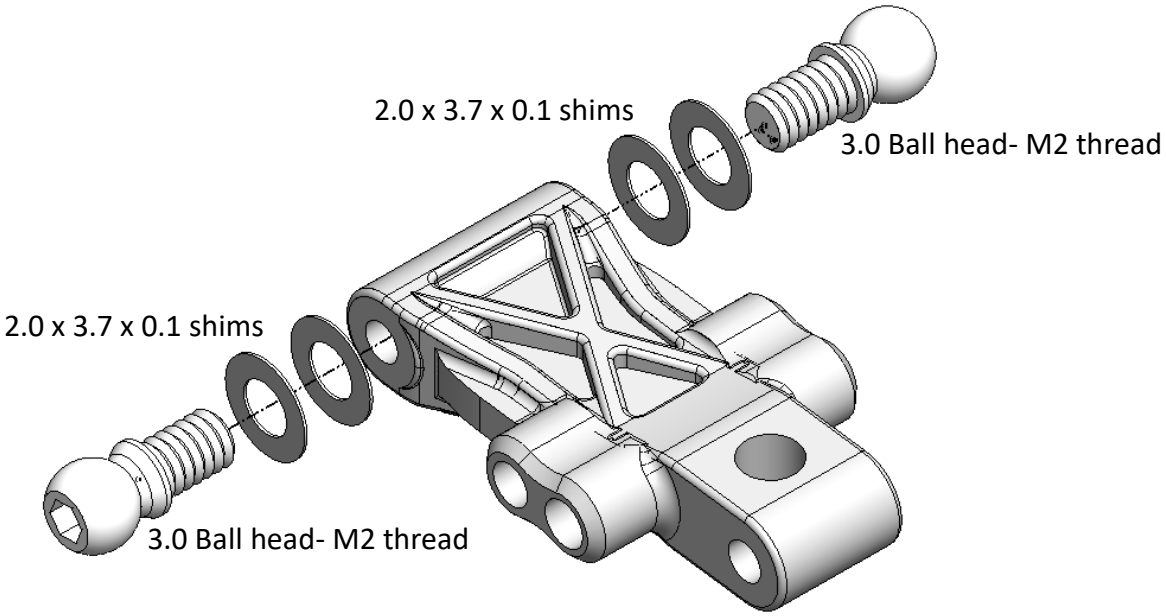
Step 12 – Spur Gear



Step 13 – Spur Gear

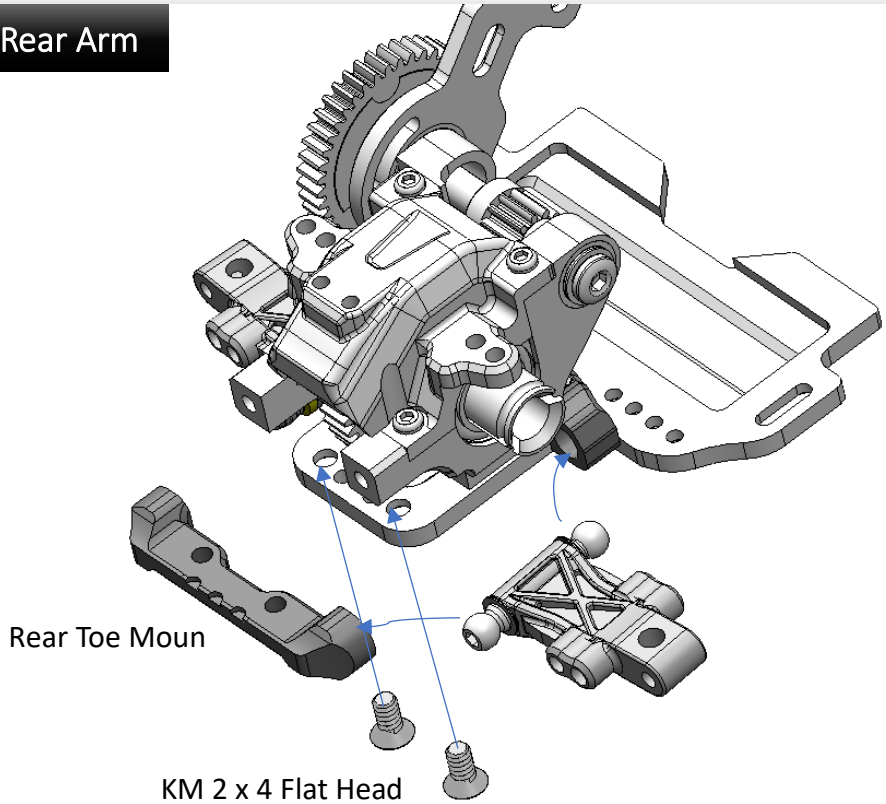


Step 14 – Rear Arm (make 2 sets)

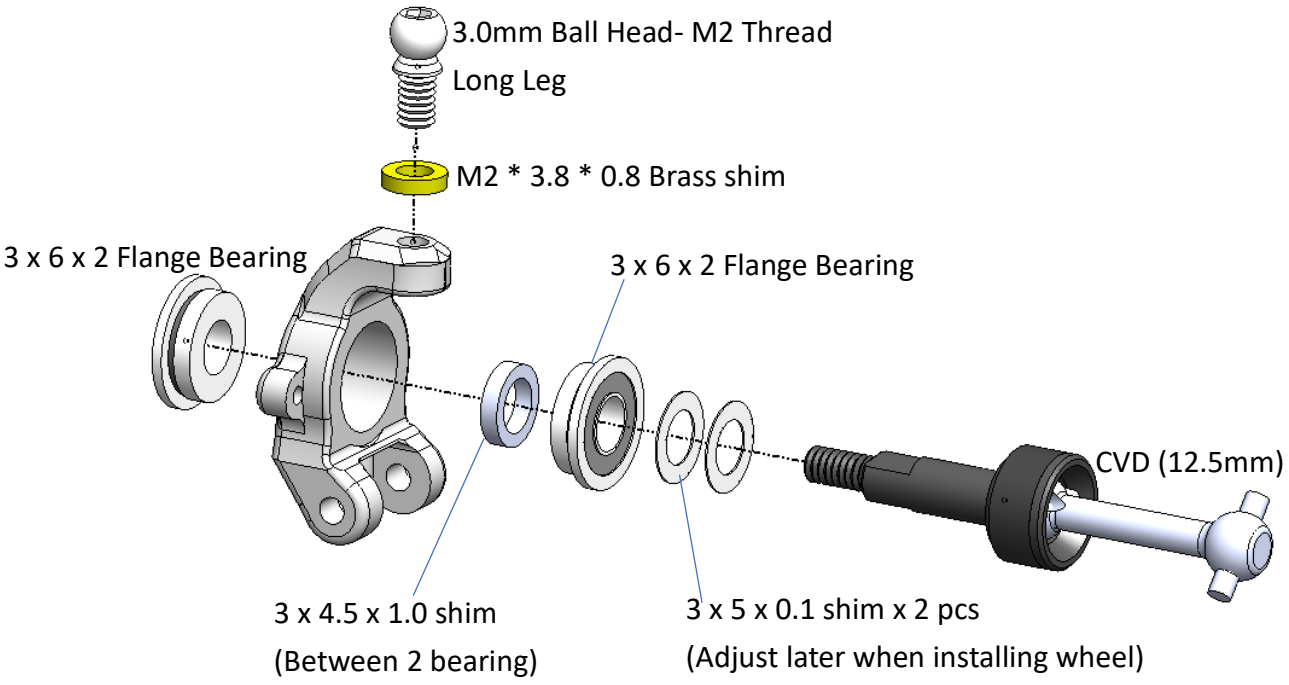


Note: it may need more shims to eliminate the play, we will check it in next step.

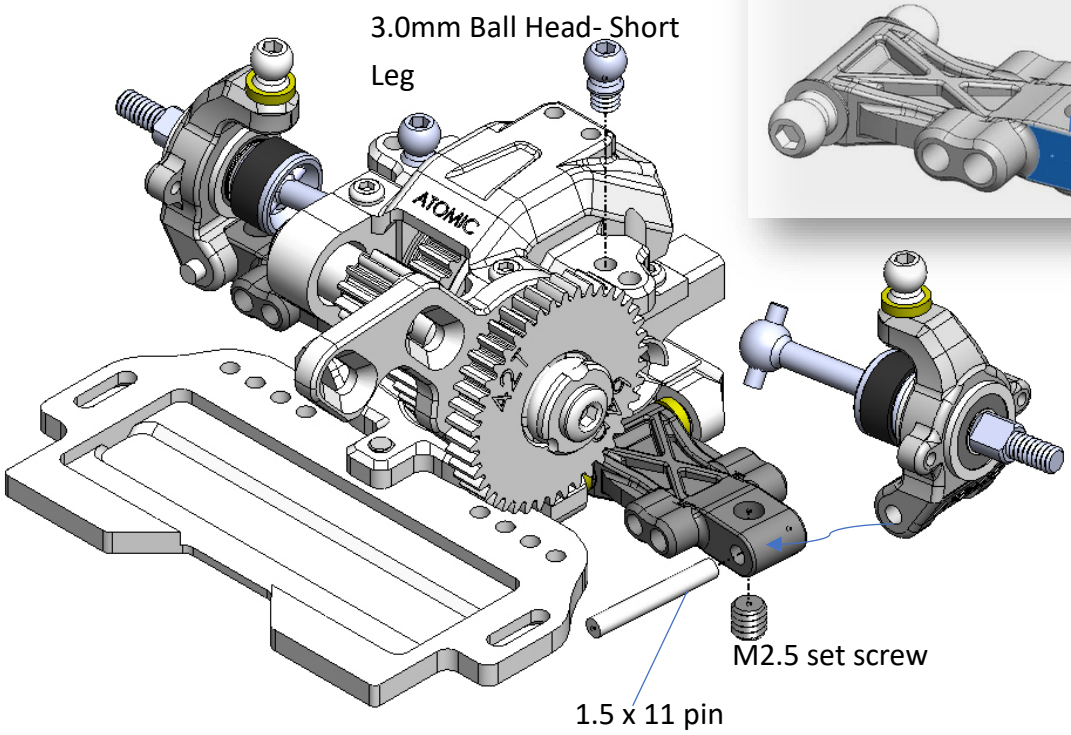
Step 15 – Rear Arm



Step 16 – Rear Knuckle (Open Bag 08)

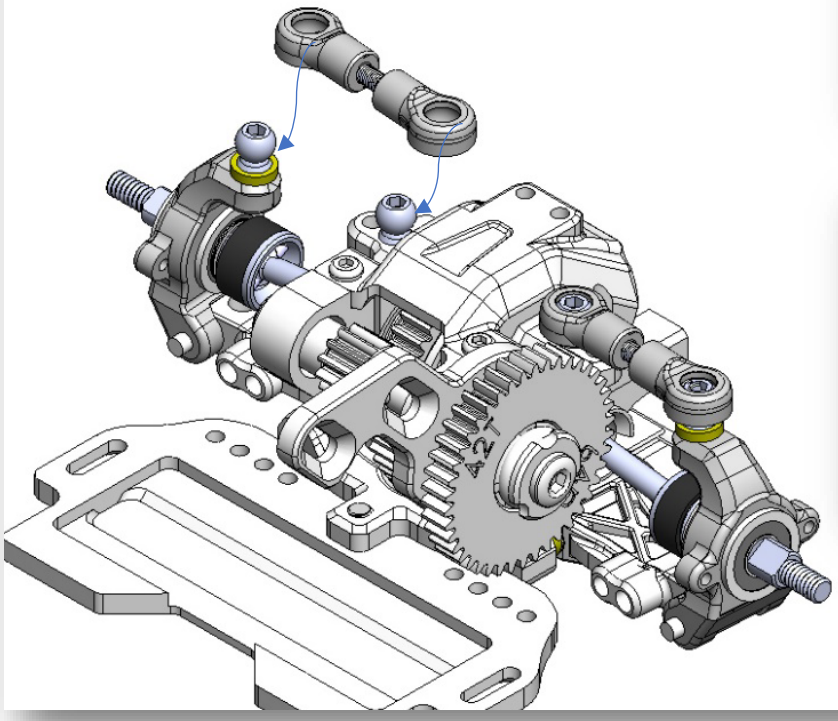


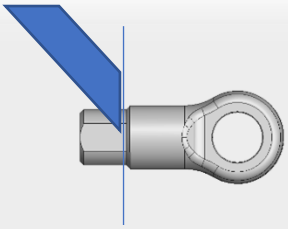
Step 17 – Rear Knuckle



Use sandpaper to sand off little bit this surface if the rear knuckle not moving freely.

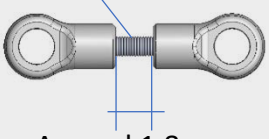
Step 18 – Camber Link





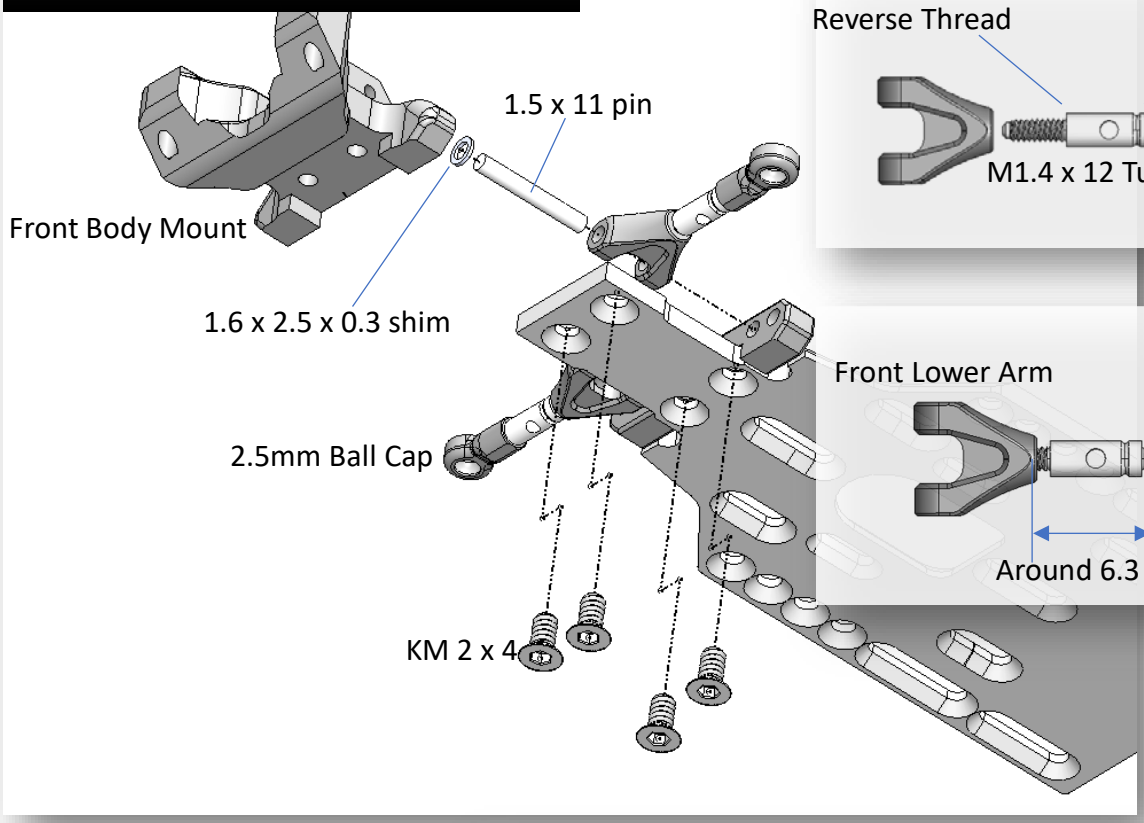
Trim the 3.0 mm Ball Cap (4pcs)

M2 x 8 Set Screw

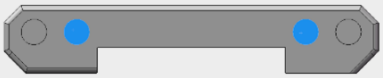


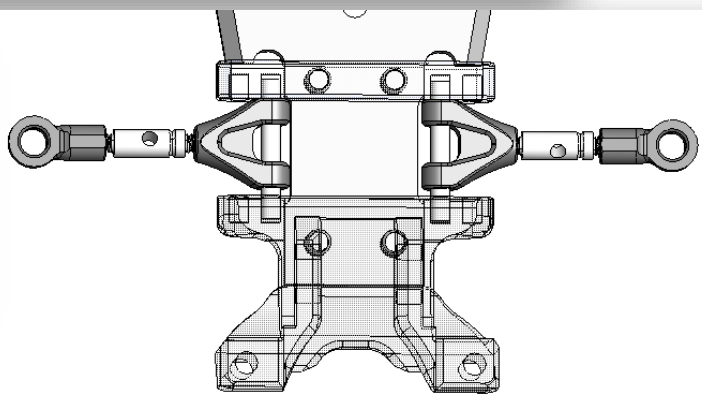
Around 1.8mm

Step 19 – Front Lower Arm (Bag 09)



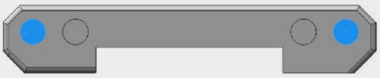
Inner Hole – Narrow Offset

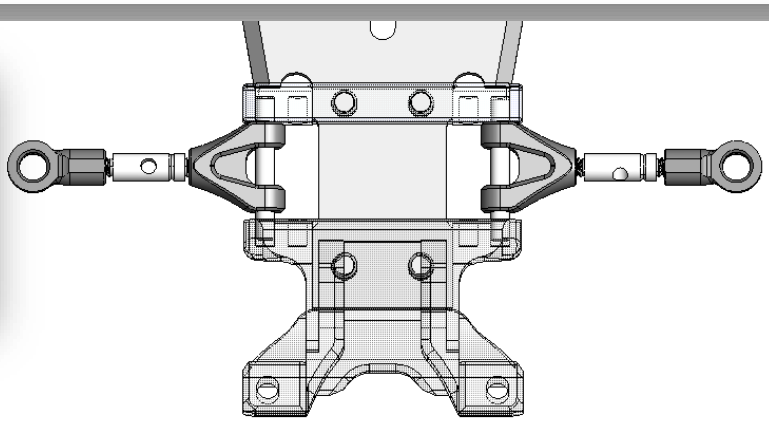




Narrow Offset – suitable for 1:28 scale body and wheel (20mm)

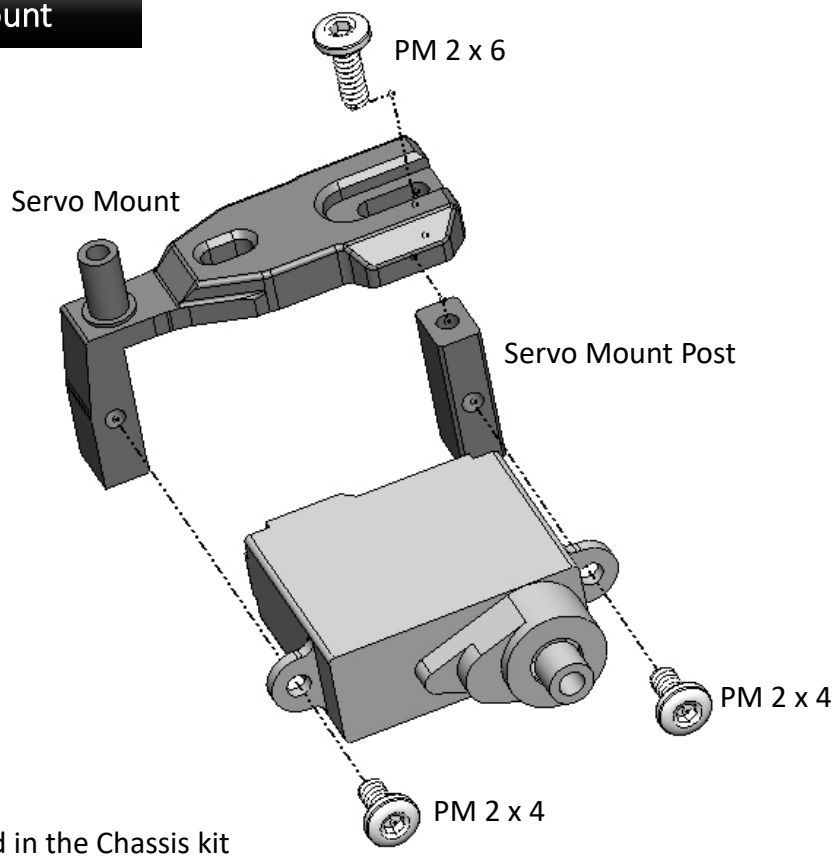
Outer Hole – Wide Offset





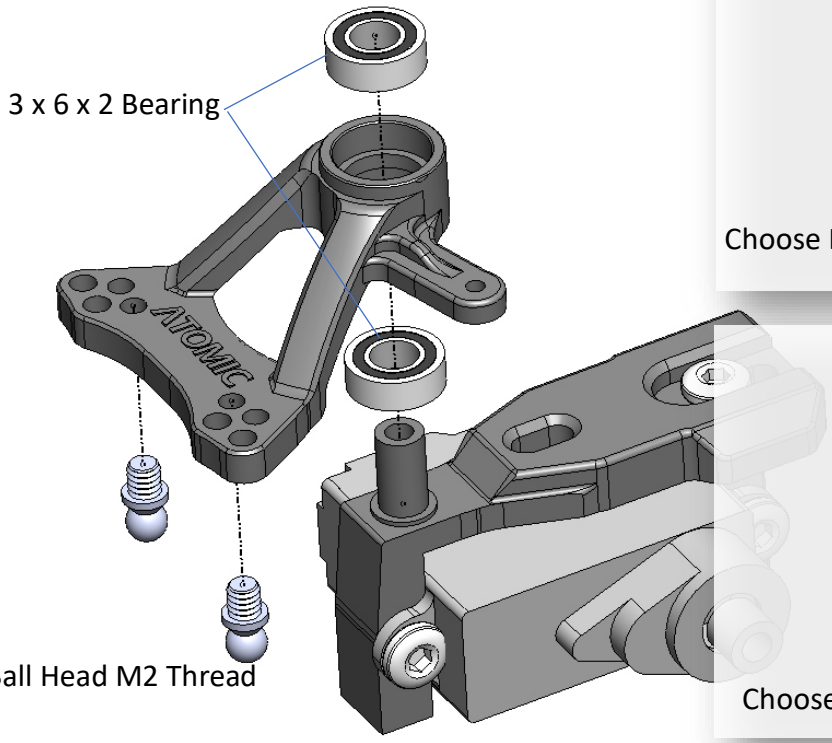
Wide Offset – suitable for 1:24 scale body and wheel (22mm)

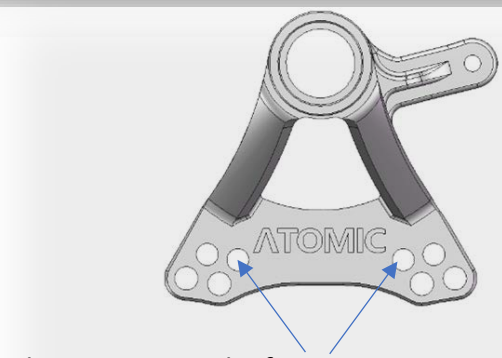
Step 20 – Servo Mount



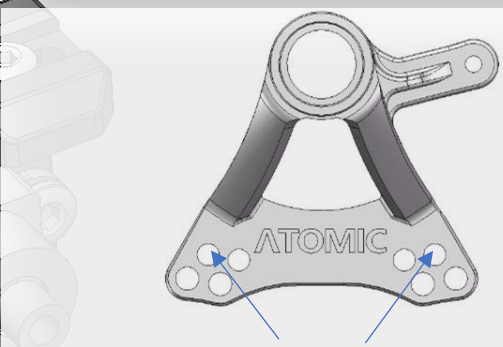
**Servo is not included in the Chassis kit

Step 21– Steering Crank



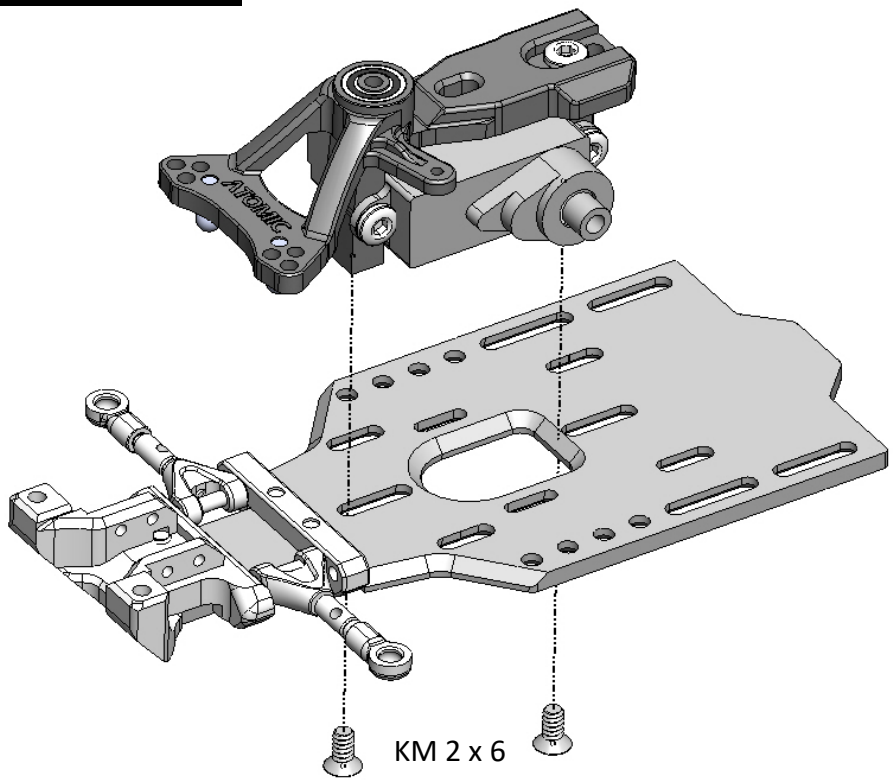


Choose Inner Hole if you are using Narrow setup

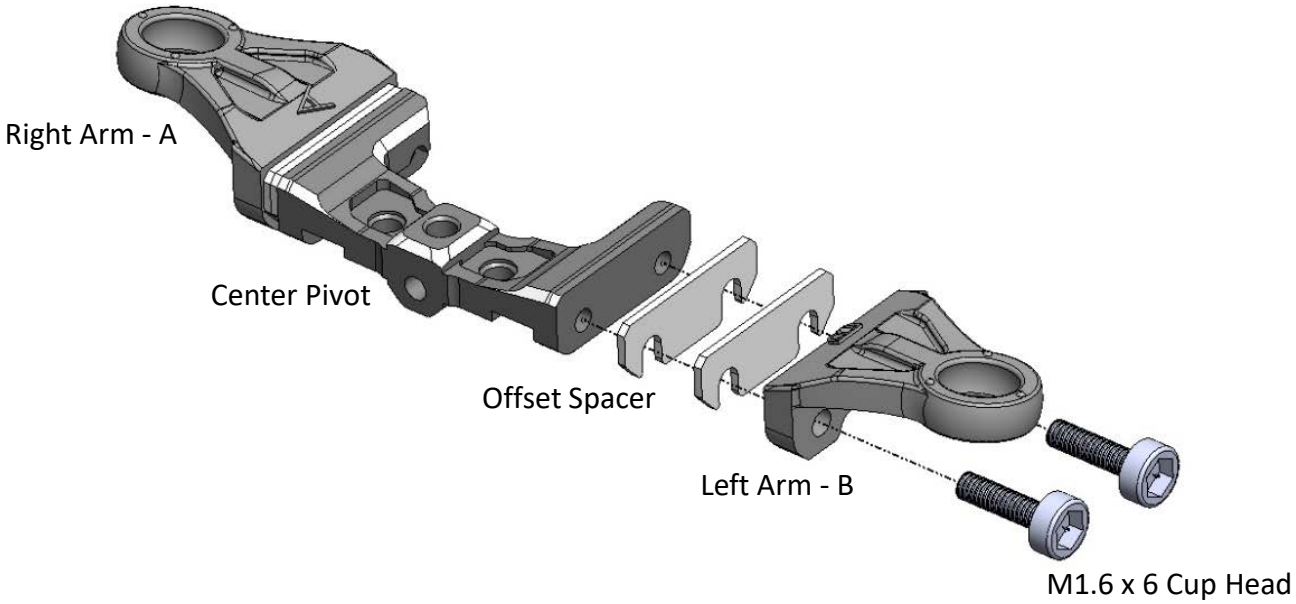


Choose Outer Hole if you are using wide setup

Step 22– Fixing Servo Mount

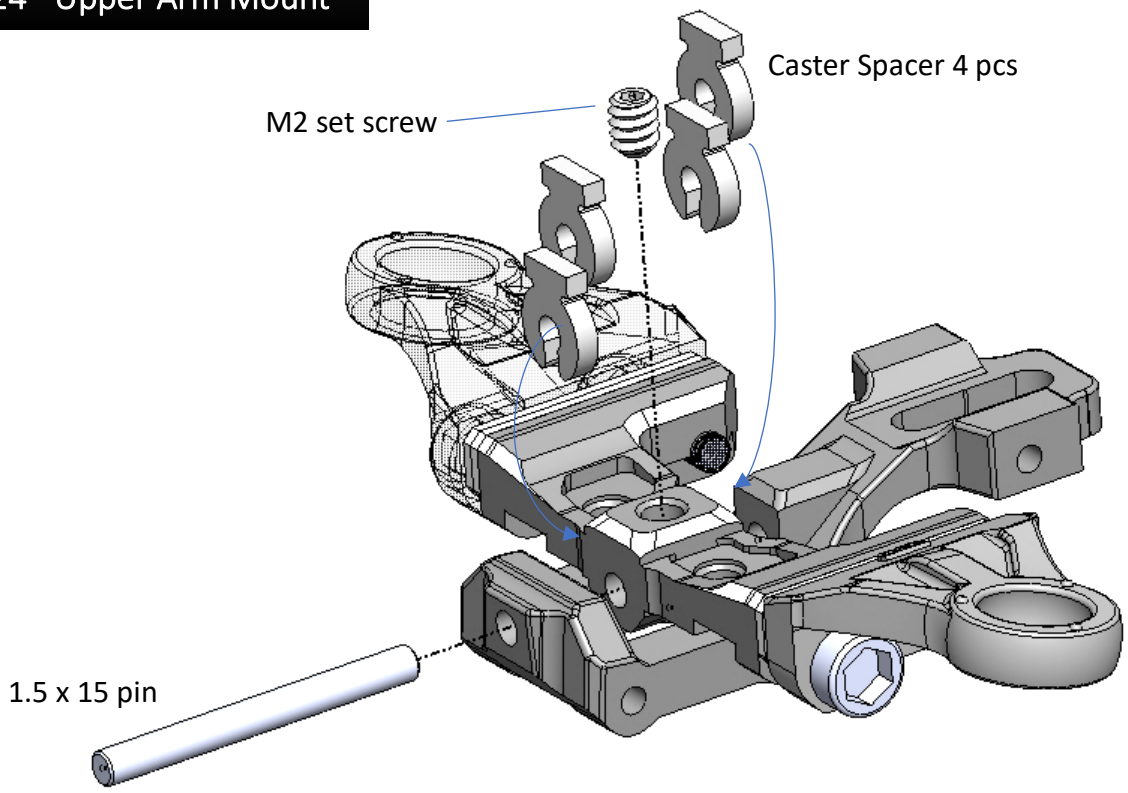


Step 23– Front Upper Arm (open Bag 10)

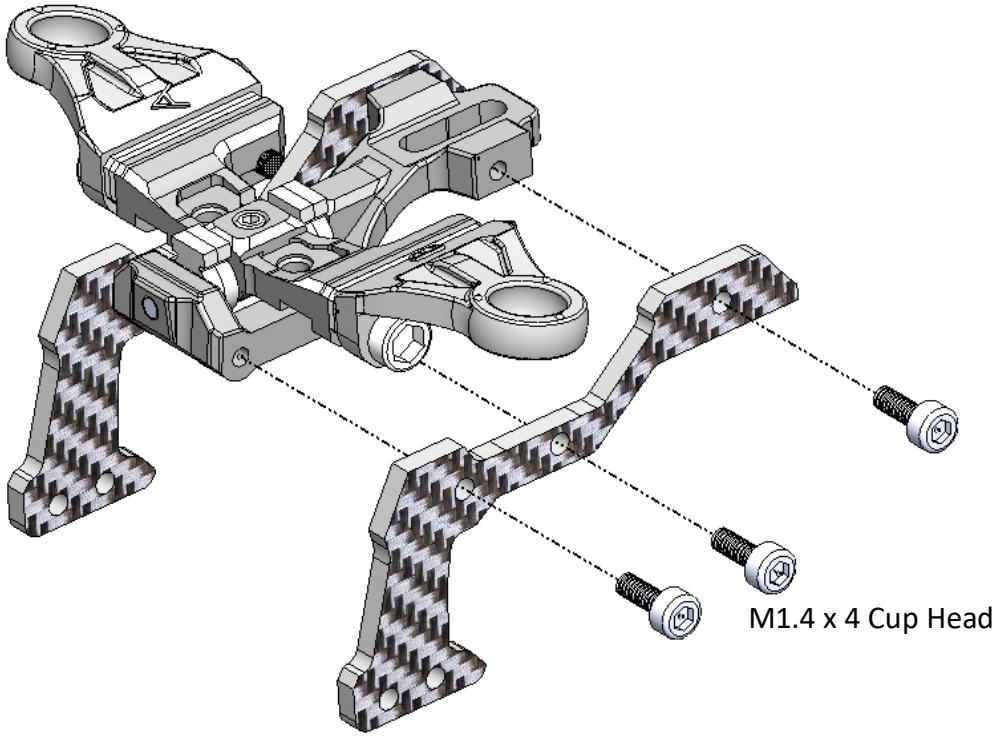


Note : If you want to make the front track width wider, you can add more offset spacers and use longer screw to hold the arm (provided in package)

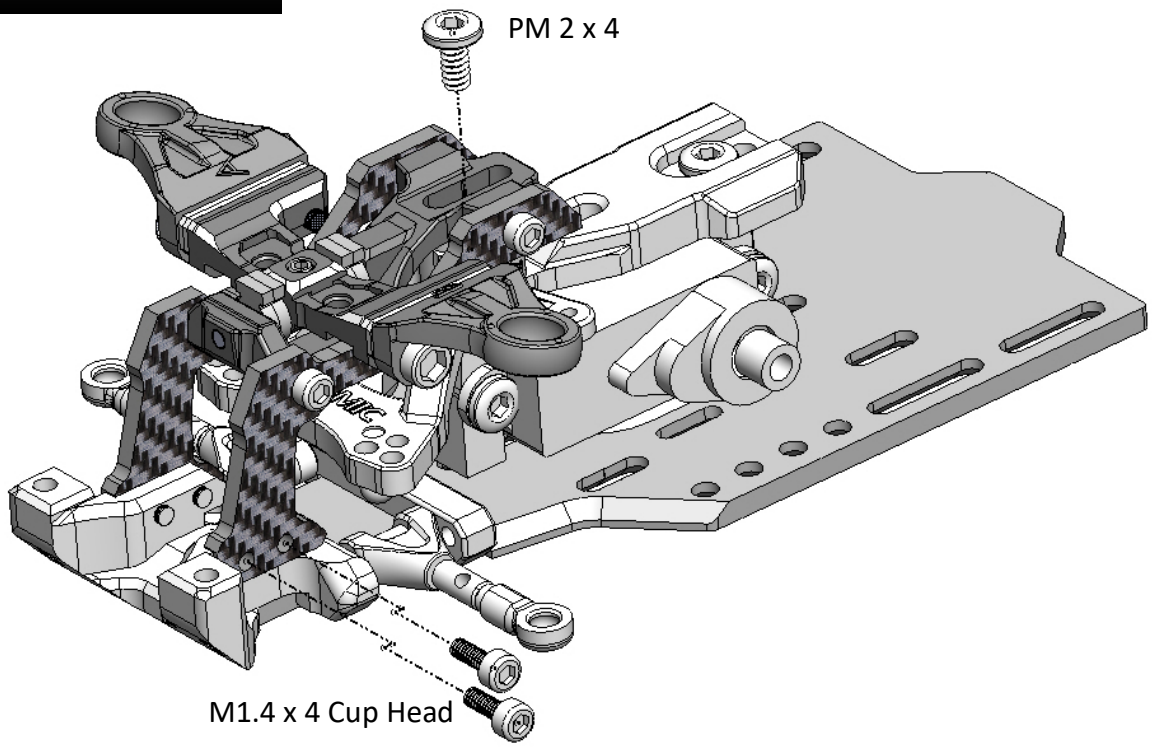
Step 24– Upper Arm Mount



Step 25– Front Bulkhead Panel



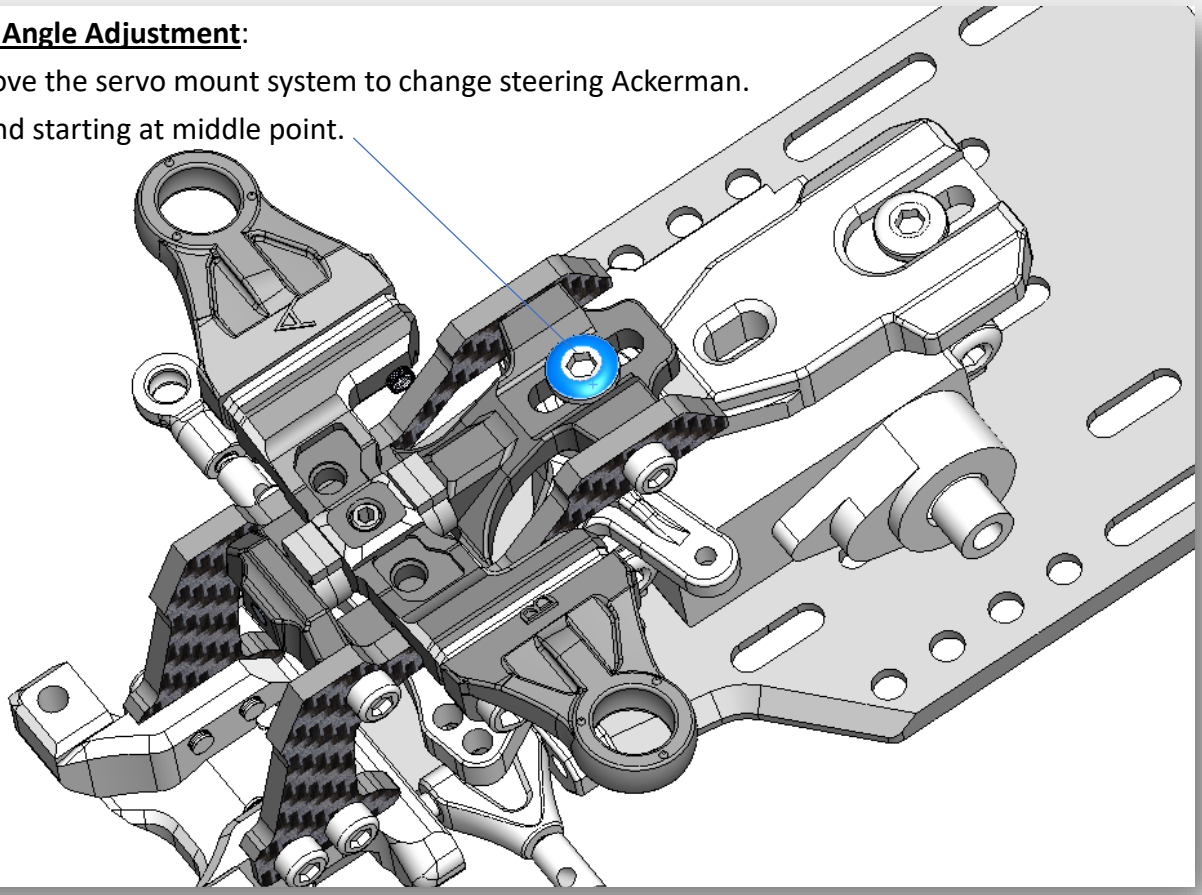
Step 26– Front Bulkhead



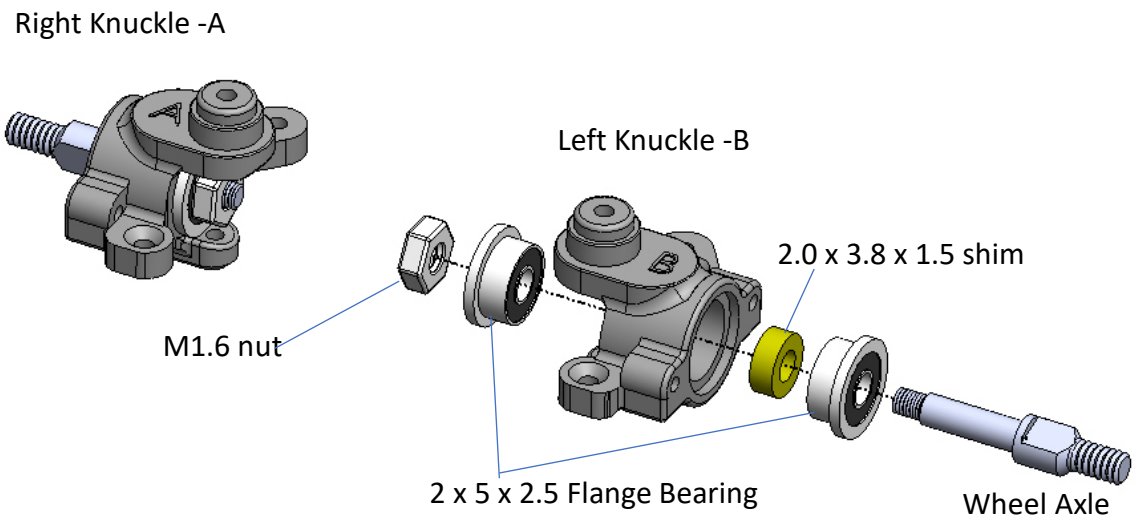
Ackerman Angle Adjustment:

We can move the servo mount system to change steering Ackerman.

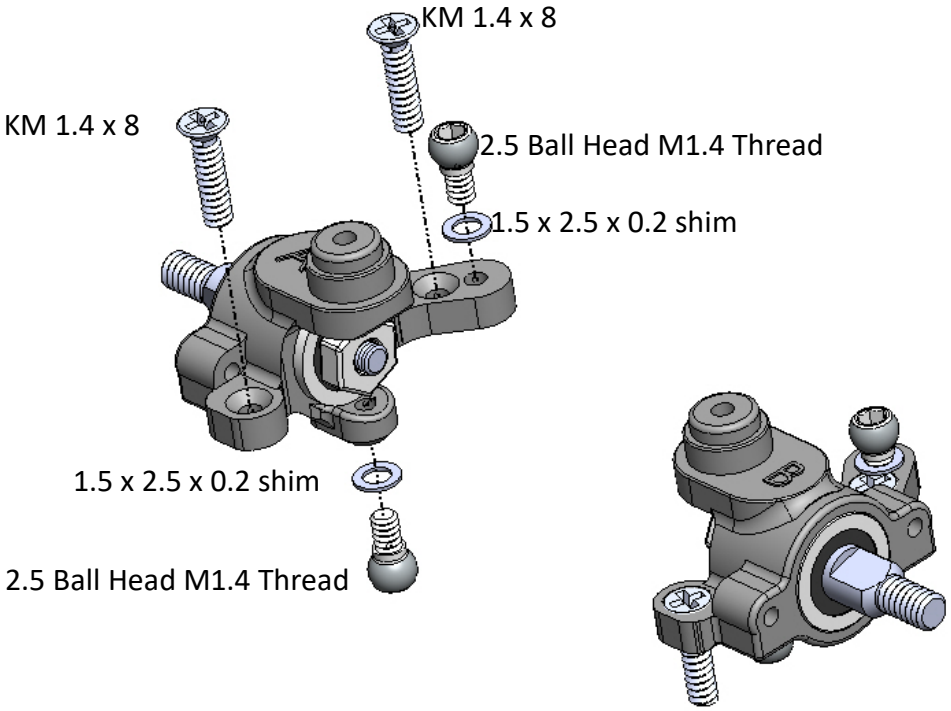
Recommend starting at middle point.



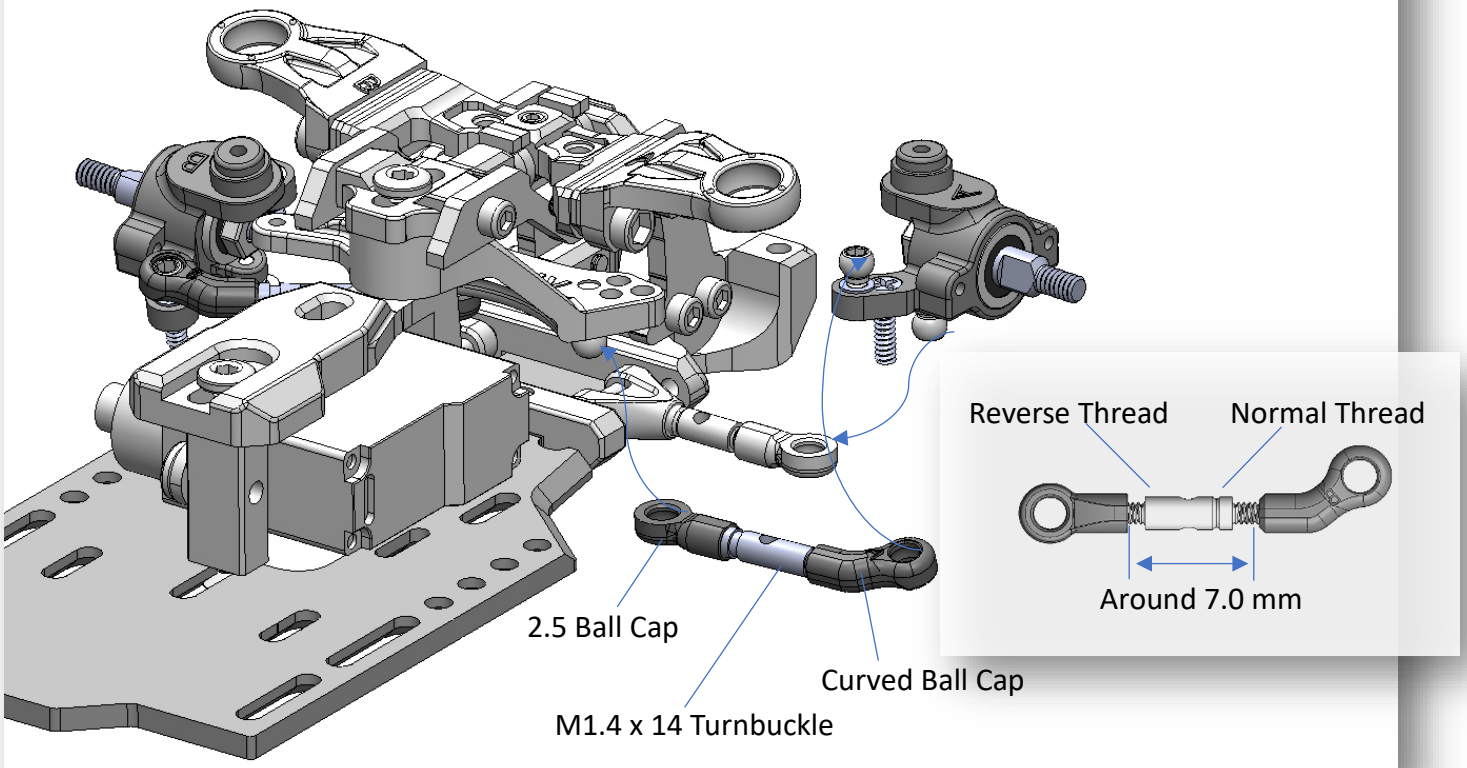
Step 27 – Front Knuckle (open Bag 11)



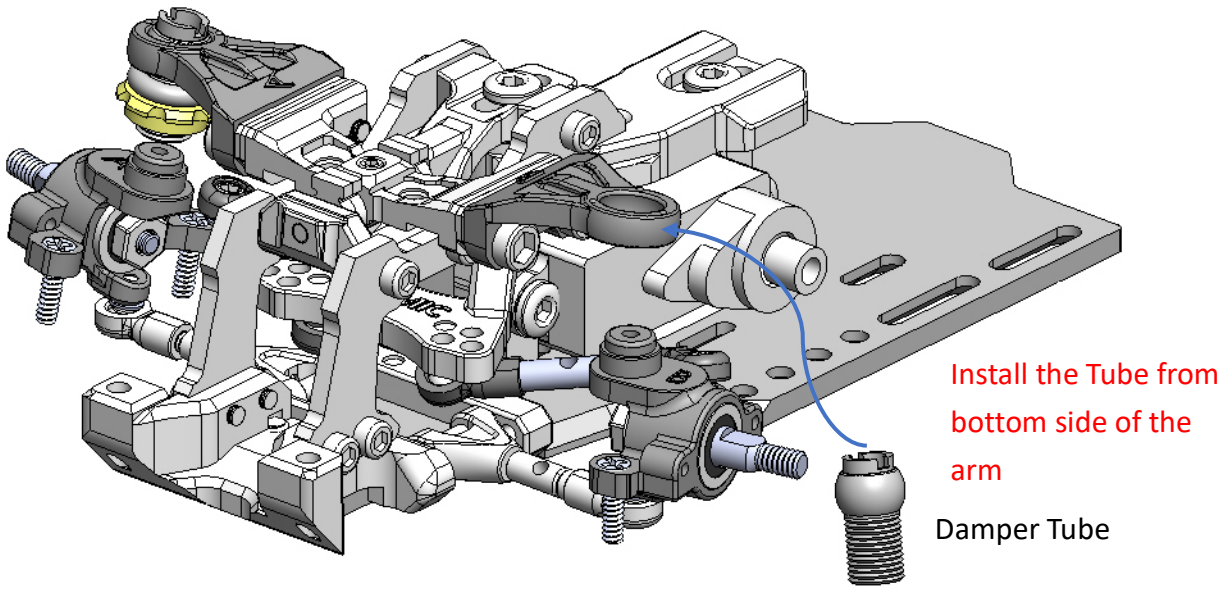
Step 28 – Front Knuckle



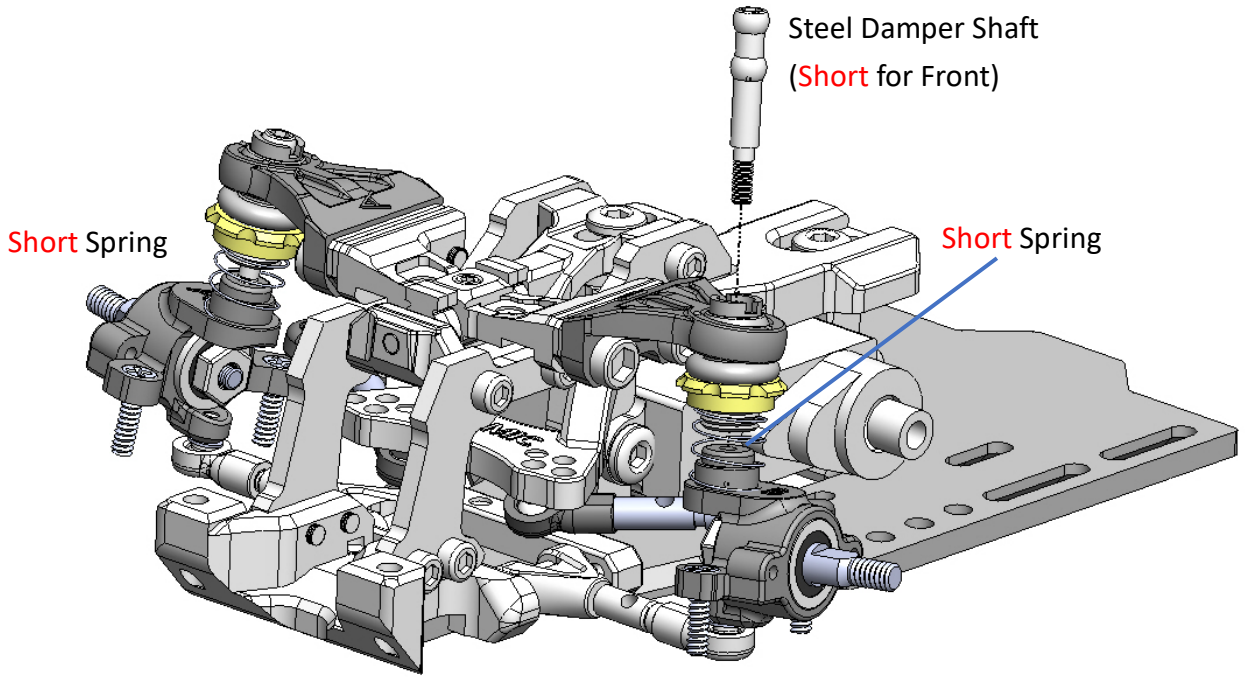
Step 29 – Steering Linkage



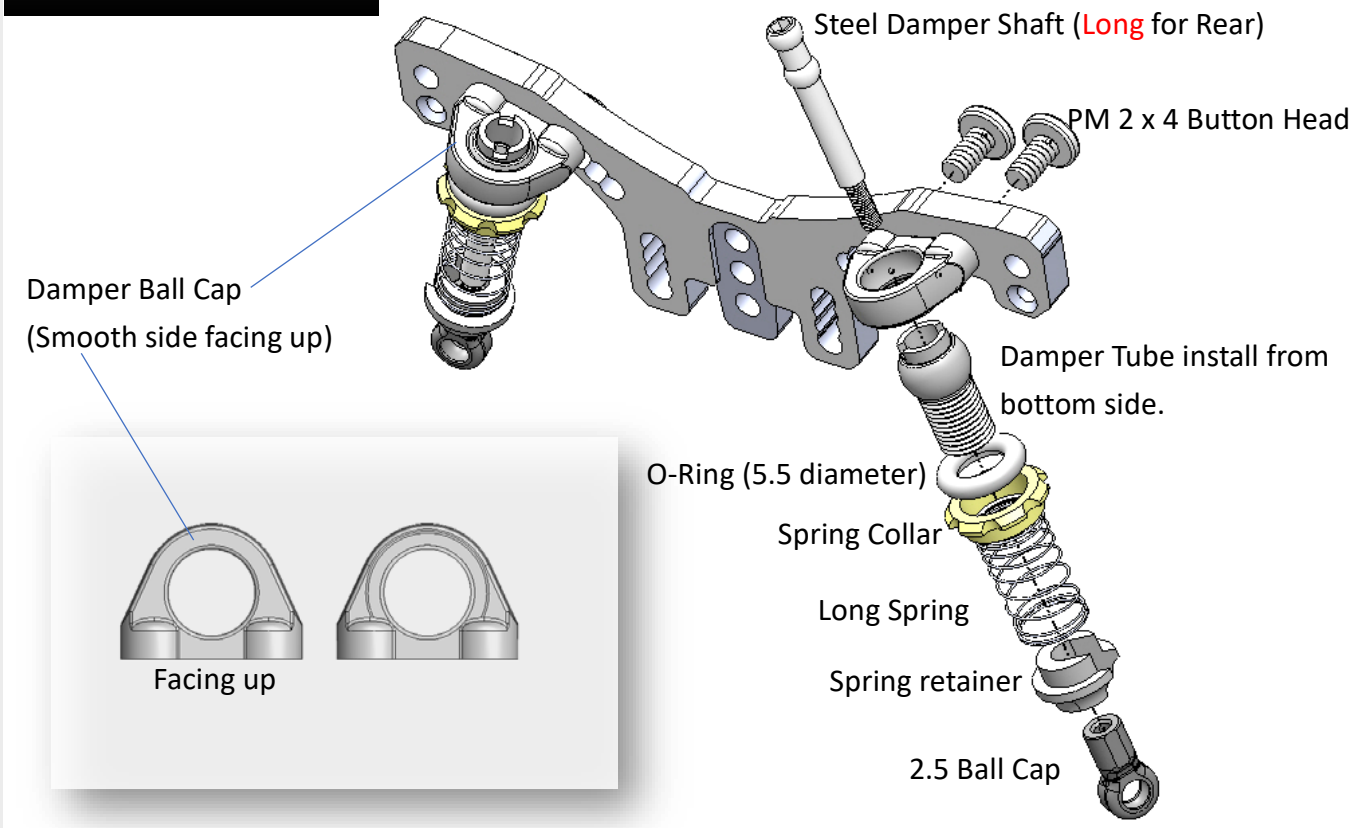
Step 30 – Front Shock (open Bag 12)



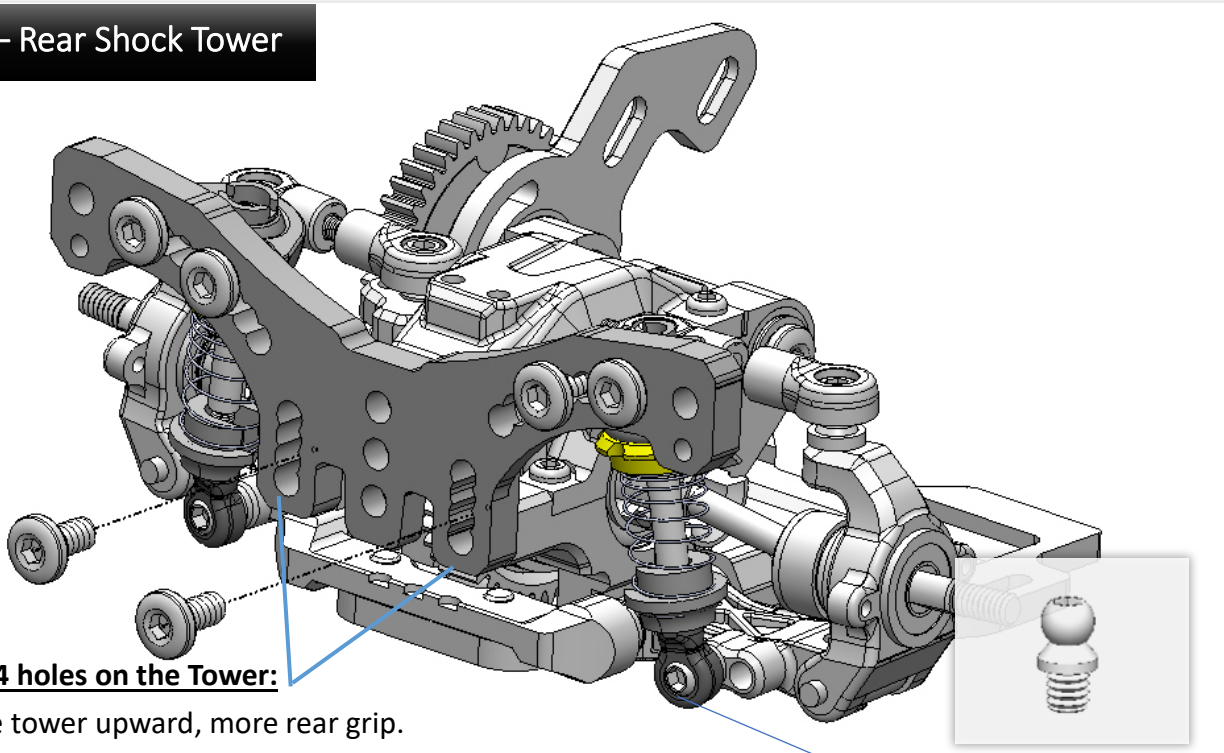
Step 31 – Front Shock



Step 32 – Rear Shock



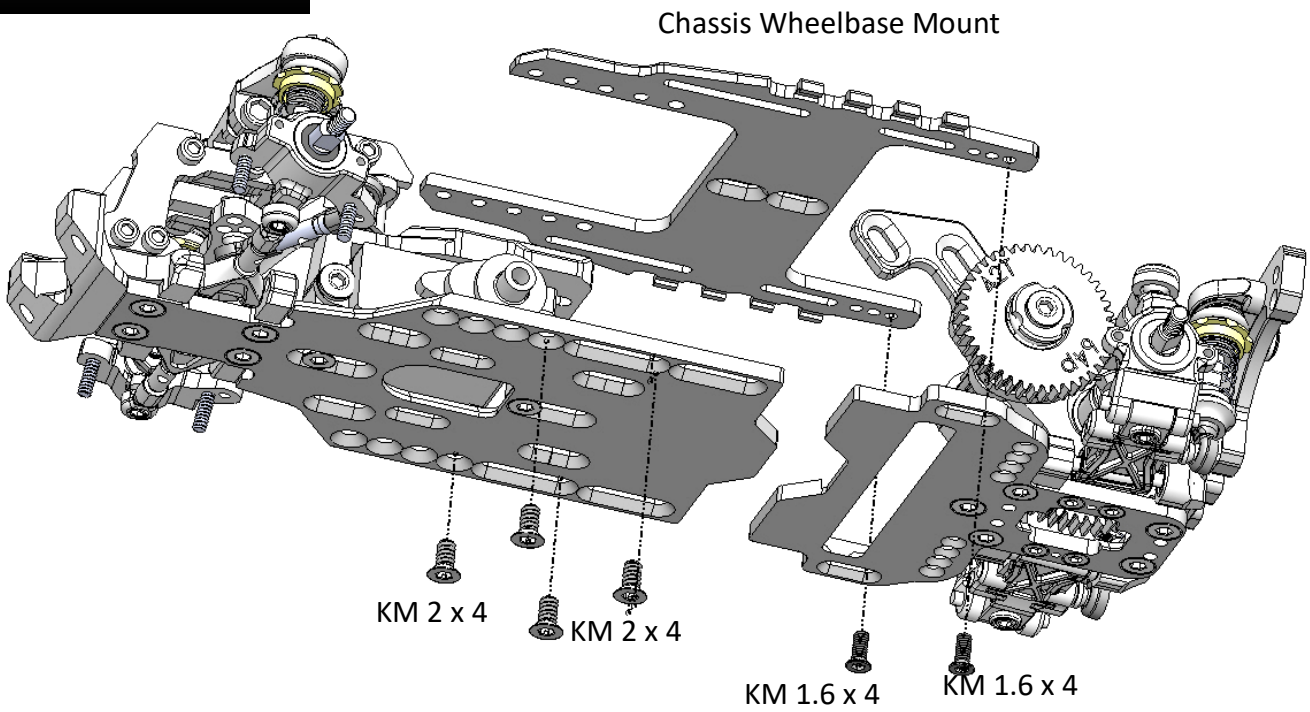
Step 33 – Rear Shock Tower



There is 4 holes on the Tower:

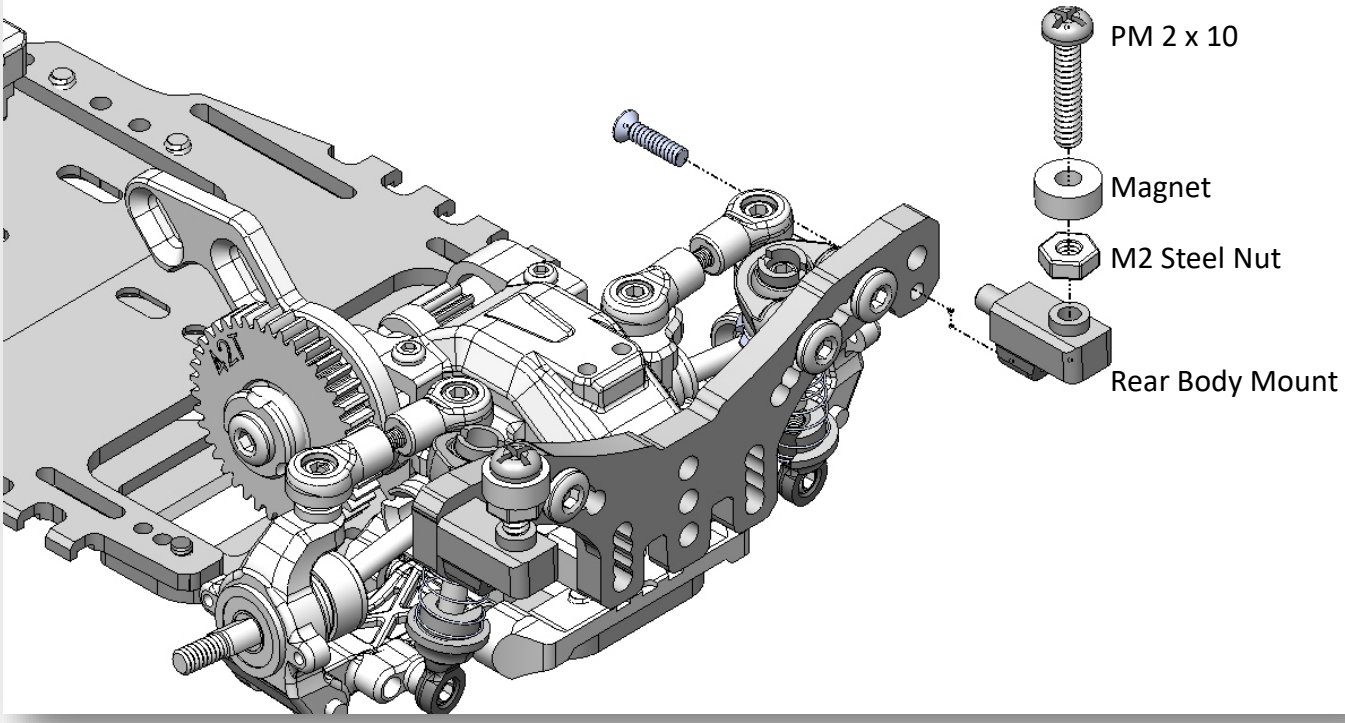
- Move tower upward, more rear grip.
- Move tower downward, less rear grip.
- Recommend starting at second hole (count from bottom).

Step 34 – Main Chassis

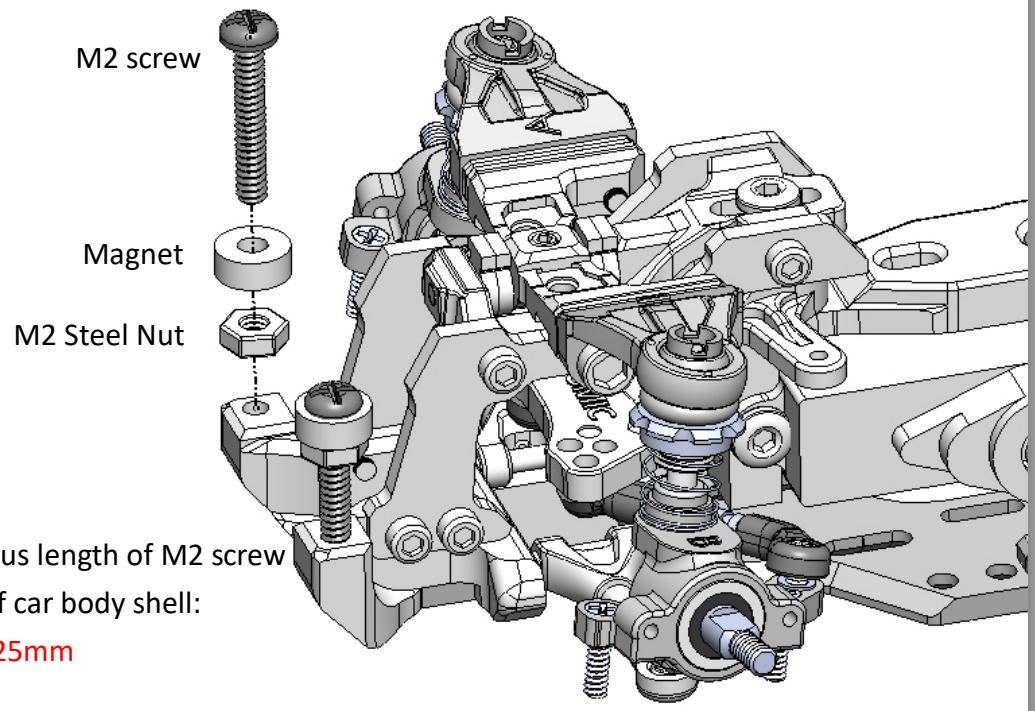


DRZ3 wheelbase can be adjusted from 90mm to 130mm

Step 35 – Rear Magnetic Body Mount



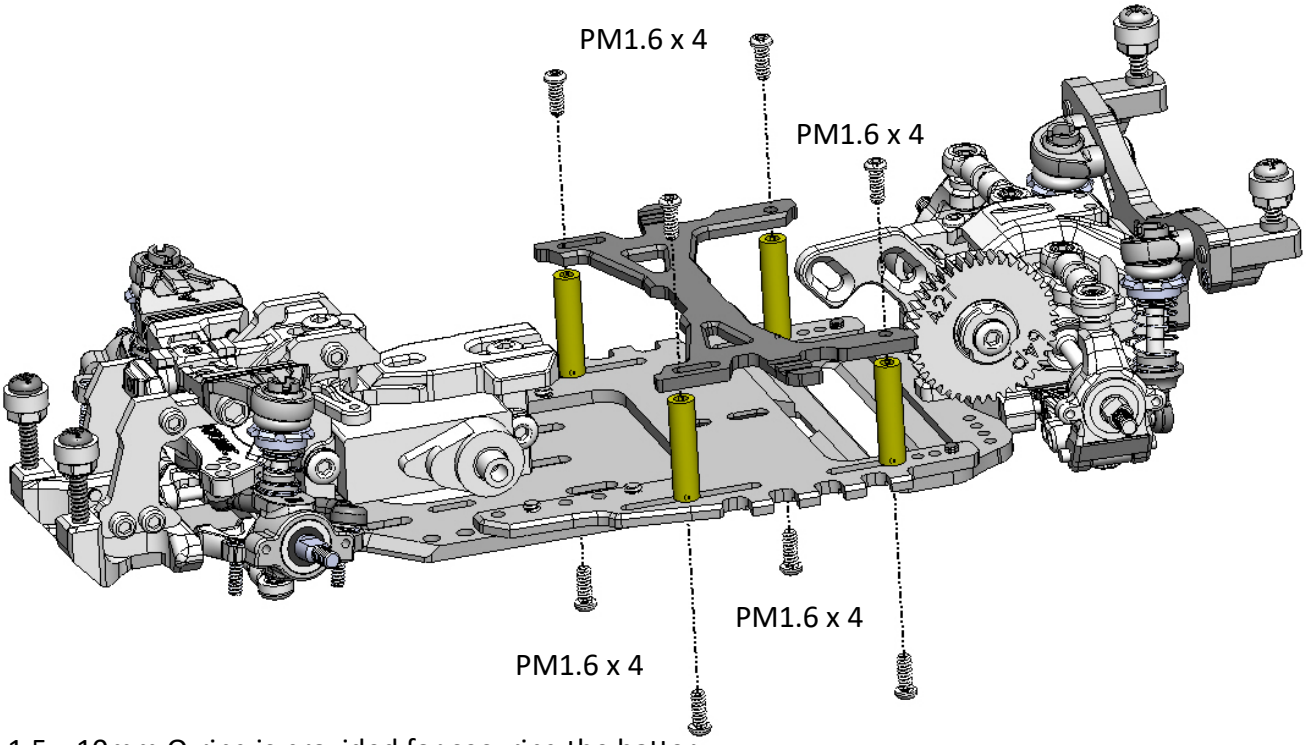
Step 36 – Front Magnetic Body Mount



Package come with various length of M2 screw to suite different kinds of car body shell:

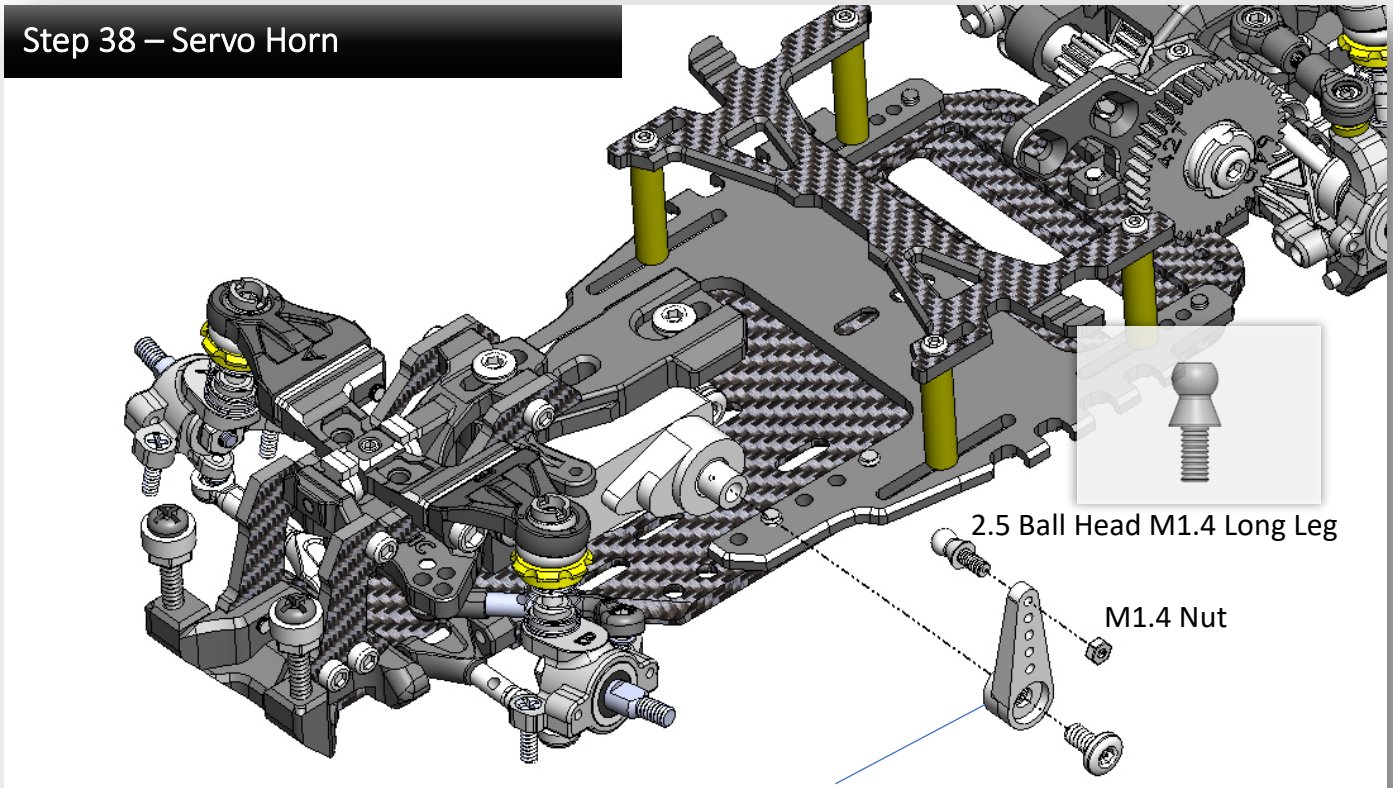
- M2 x 10, 16, 20 and 25mm

Step 37 –Battery Mount (open Bag 14)



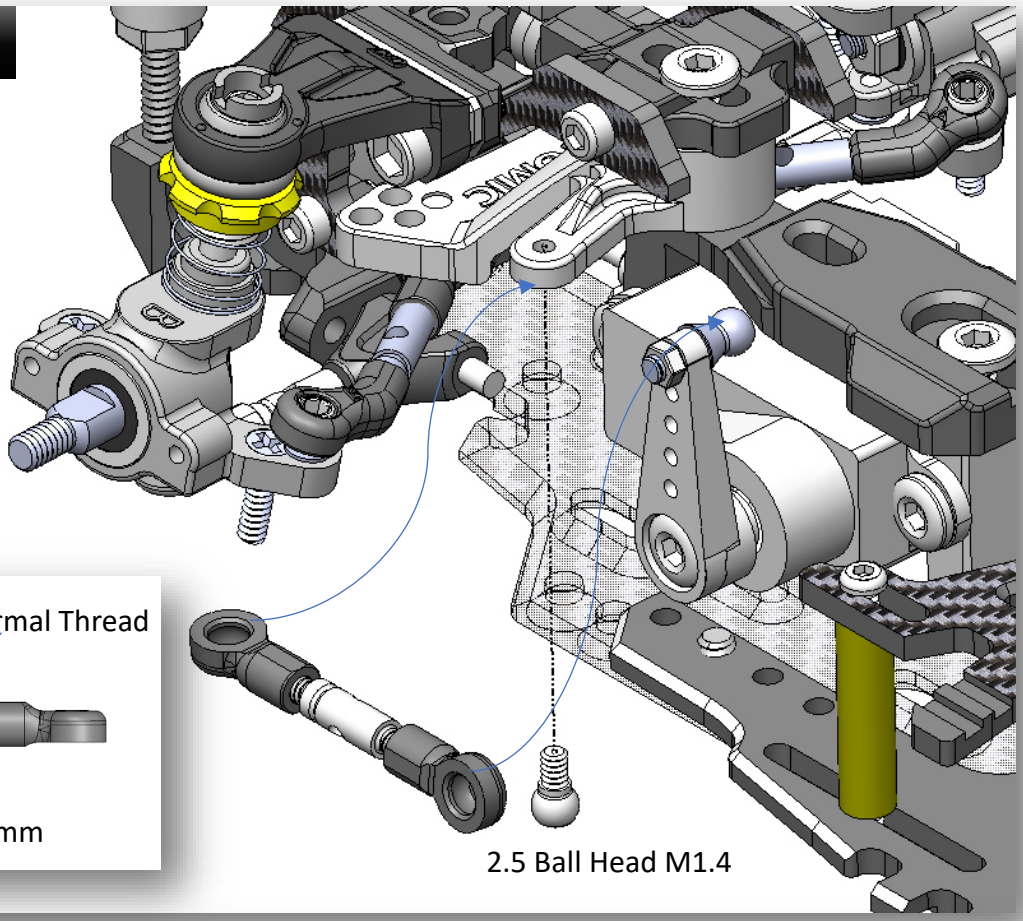
1.5 x 10mm O-ring is provided for securing the battery

Step 38 – Servo Horn

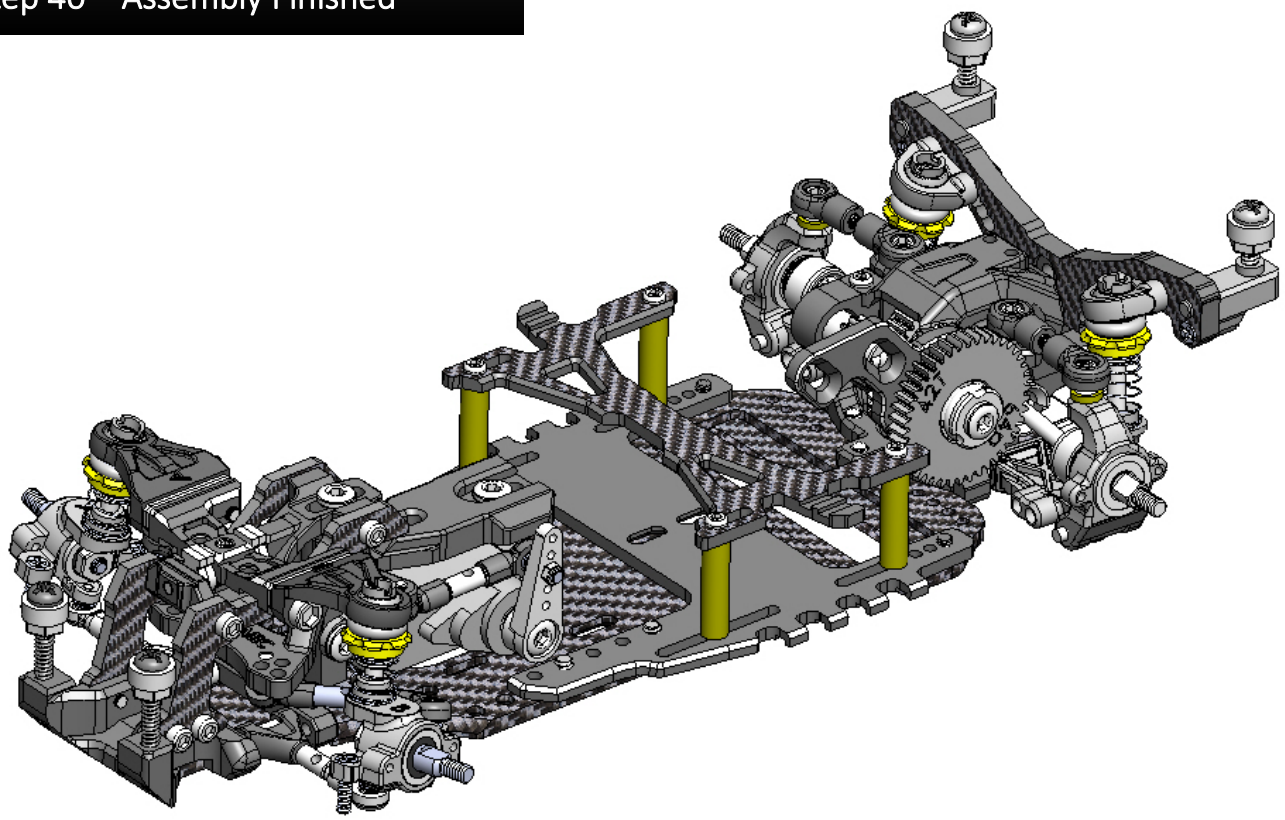


Use the Servo Horn come with the servo,
And Install the Ball head on Top or 2nd hole

Step 39 – Servo Horn



Step 40 – Assembly Finished



DRZ3	Pinion	16	17	18	19	20	21	22	23	24	25
Spur	39	*9.75*	*9.18*	*8.67*	*8.21*	*7.80*	*7.43*	*7.09*	*6.78*	*6.50*	*6.24*
	40	*10.00*	*9.41*	*8.89*	*8.42*	*8.00*	*7.62*	*7.27*	*6.96*	*6.67*	*6.40*
	41	*10.25*	*9.65*	*9.11*	*8.63*	*8.20*	*7.81*	*7.45*	*7.13*	*6.83*	*6.56*
	42	*10.50*	*9.88*	*9.33*	*8.84*	*8.40*	*8.00*	*7.64*	*7.30*	*7.00*	*6.72*

Gear Ratio Chart (*internal gear ratio is 4.0)***:**

Optional Parts List:

MRTP-UP10P4	Ball Diff Optional Delrin Drive Cup
DRZUP07	DRZ Option motor pinion set (20-24T)
DRZUP08	DRZ Option spur gear set (39-41T)
DRZV21-UP01	DRZ V2.1 Rear Long Spring Set
DRZ3-UP01	DRZ3 MP Front Spring Set
DRZ3-UP02	DRZ3 Alu. Rear Body Mount
DRZ3-UP03	DRZ3 Alu. Rear Gear Box Cover
DRZ3-UP04	DRZ3 Alu. Rear Toe Blocks
DRZ3-UP05	DRZ3 MP Brass Front Bulkhead
DRZ3-UP06	DRZ3 Brake Disc (4 set)
DRZ3-UP07	DRZ3 Alu. Rear Upright
DRZ3-UP08	DRZ3 Alu. Front Knuckle
DRZ3-UP09	DRZ3 Alu. Rear Arm (Adjustable)
DRZ3-UP10	DRZ3 Alu. Rear Shock Tower
DRZ3-UP11	Direct Drive Steering Crank Conversion kit
DRZ3-UP12	DRZ3 Rear ESC Mount
DRZ3-UP13	DRZ3 MP Alu. Front Body Mount

Spare Parts List:

DRZ3-01	Ball Diff Pressure Plate and hardware
DRZ3-02	DRZ3 Rear Gear Box Cover
DRZ3-03	DRZ3 Rear Main Shaft and accessories
DRZ3-04	DRZ3 Rear Arm
DRZ3-05	DRZ3 Rear Drive Shaft (CVD 12.5mm)
DRZ3-06	DRZ3 Rear Upright
DRZ3-07	DRZ3 Front Lower Arm
DRZ3-08	12mm Steel Turnbuckle - 2pcs
DRZ3-09	14mm Steel Turnbuckle - 2pcs
DRZ3-10	DRZ3 MP Steering Crank and Servo Mount
DRZ3-11	DRZ3 MP Upper Arm Spacer - 10pcs
DRZ3-12	DRZ3 MP Upper arm and Bulkhead
DRZ3-13	DRZ3 MP Caster Spacer - 4pcs
DRZ3-14	DRZ3 Front Knuckle
DRZ3-15	DRZ3 Front Wheel Axle
DRZ3-16	Bearing (2*5*2.5 Flanged)
DRZ3-17	DRZ3 Body Magnet- 4pcs
DRZ3-18	DRZ3 MP Damper Tube
DRZ3-19	DRZ3 Battery Mount O-Ring 4 pcs
DRZ3-20	KM / PM 1.6 Screw Set
DRZ3-21	CM 1.4 / 1.6 Screw Set
DRZ3-22	PM / KM 2.0 screws Set
DRZ3-23	DRZ3 Ball Caps Set
DRZ3-24	DRZ3 Ball Heads Set
DRZ3-25	Wheel, Bearing, Axle Shims