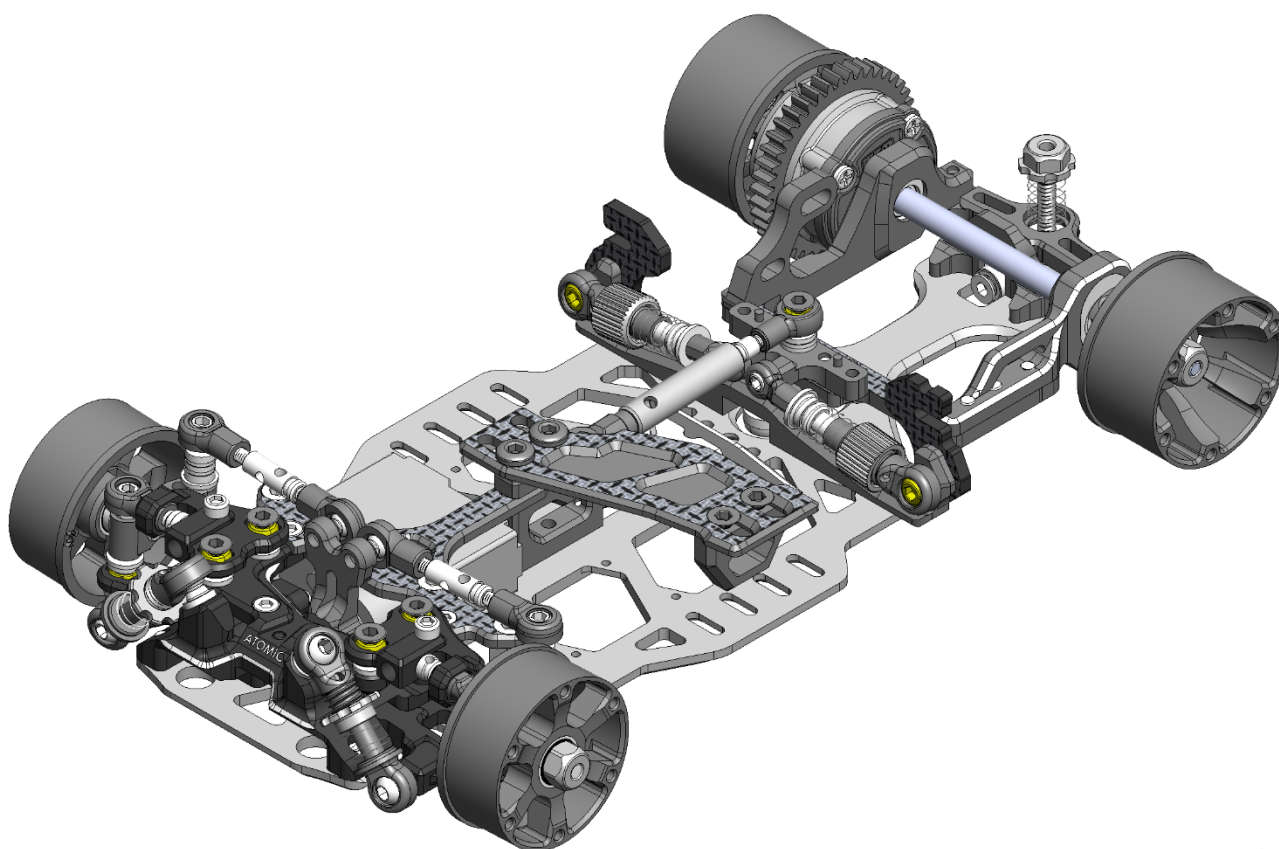


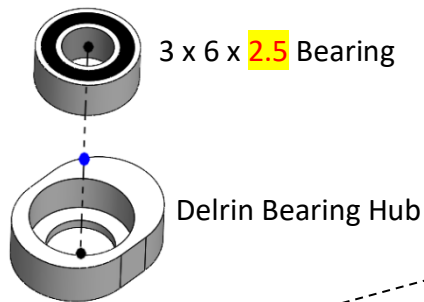
MRX

Master Edition



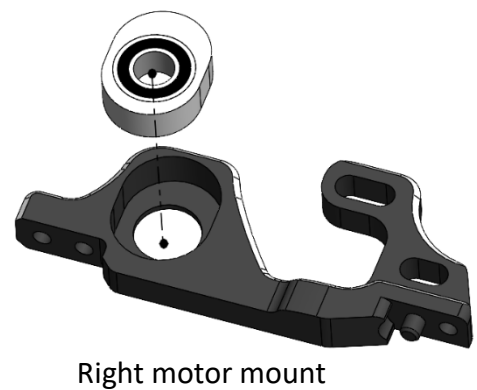
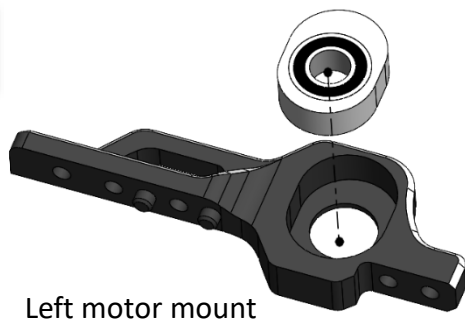
Step 01 (open Bag 01 to 06)

Build 2 pcs

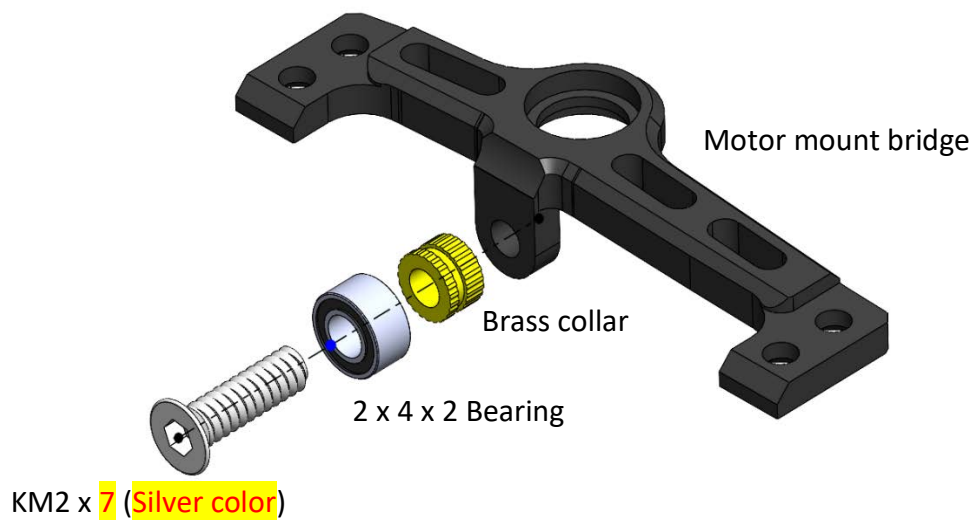


Step 02

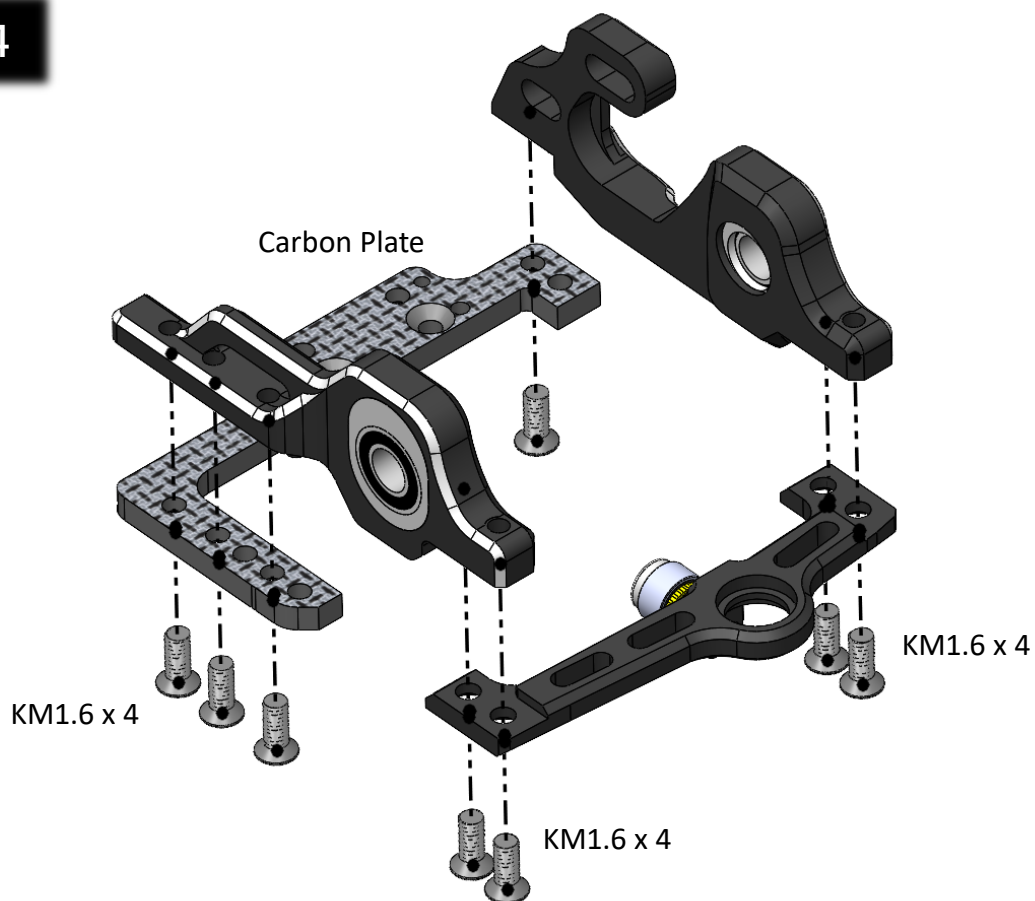
Pay attention to the orientation of the bearing hub



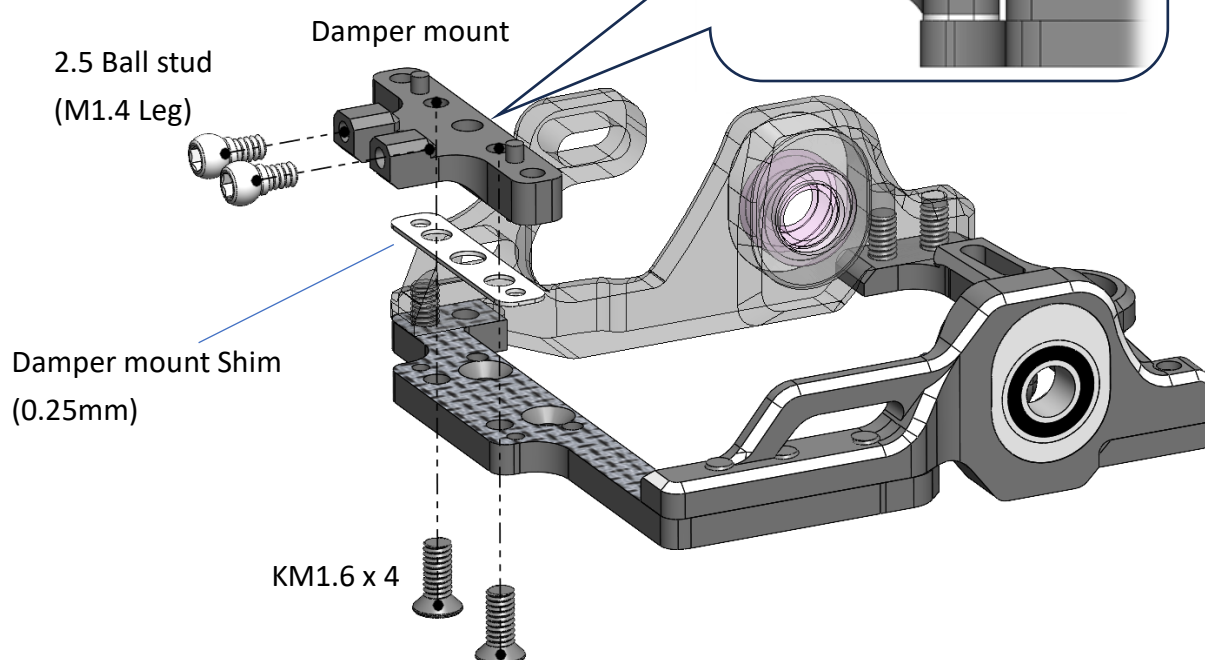
Step 03



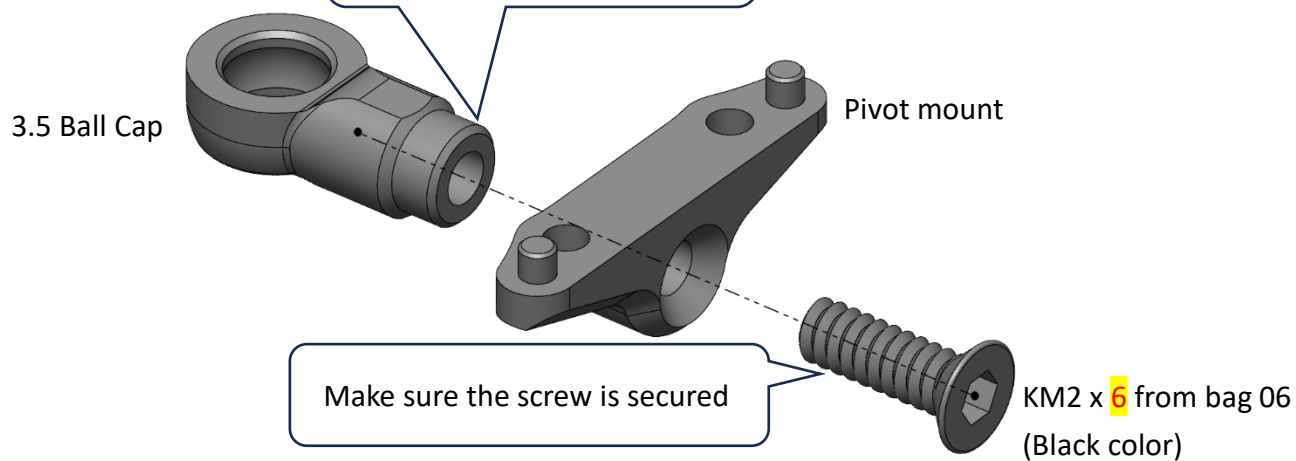
Step 04



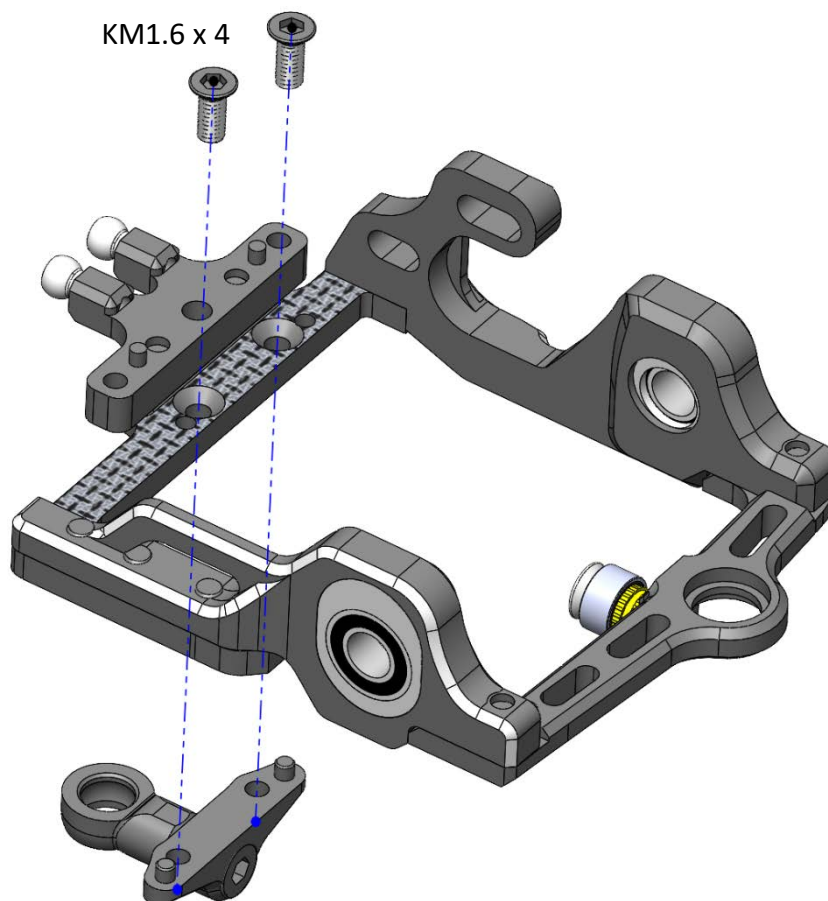
Step 05



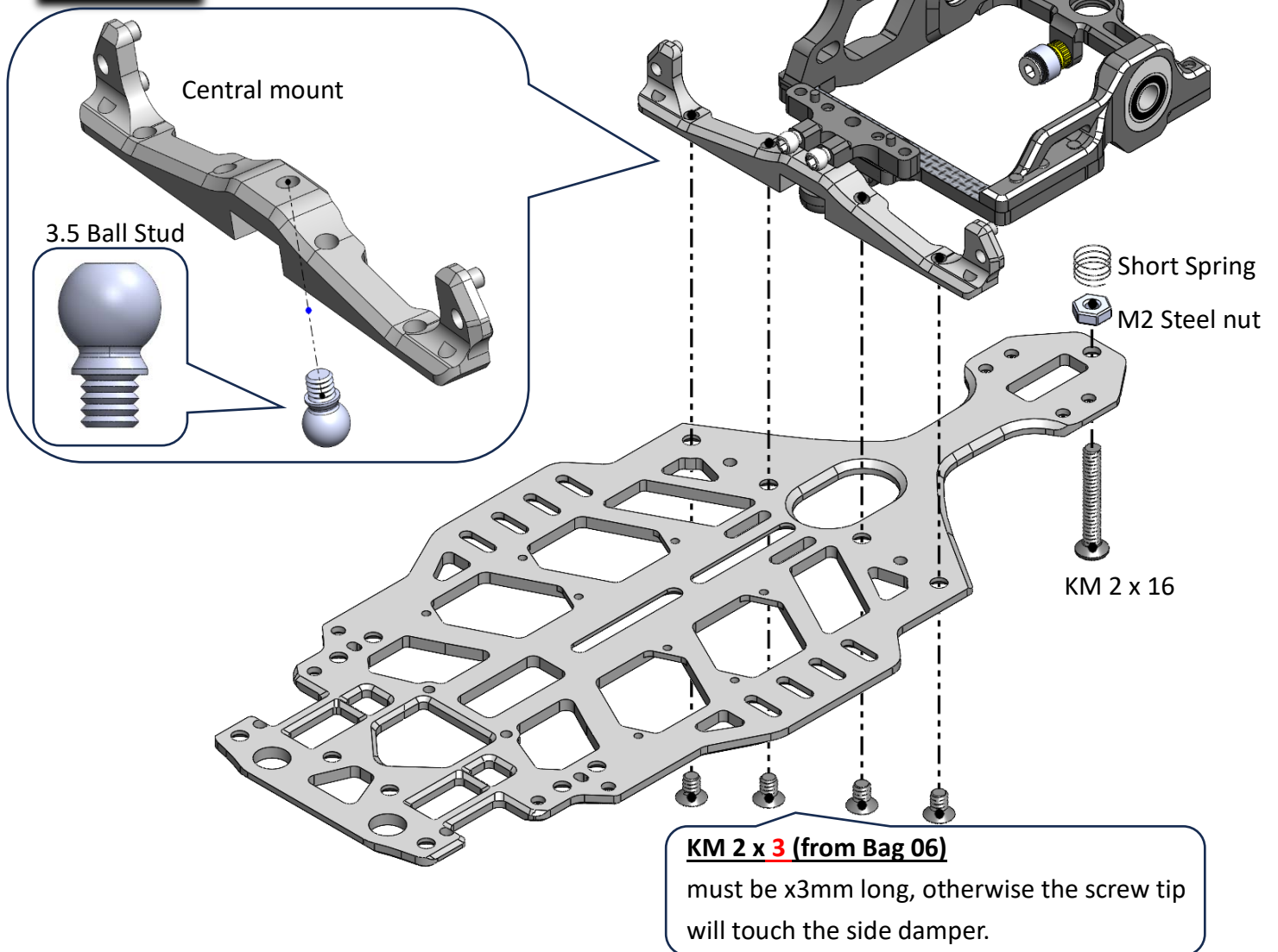
Step 06



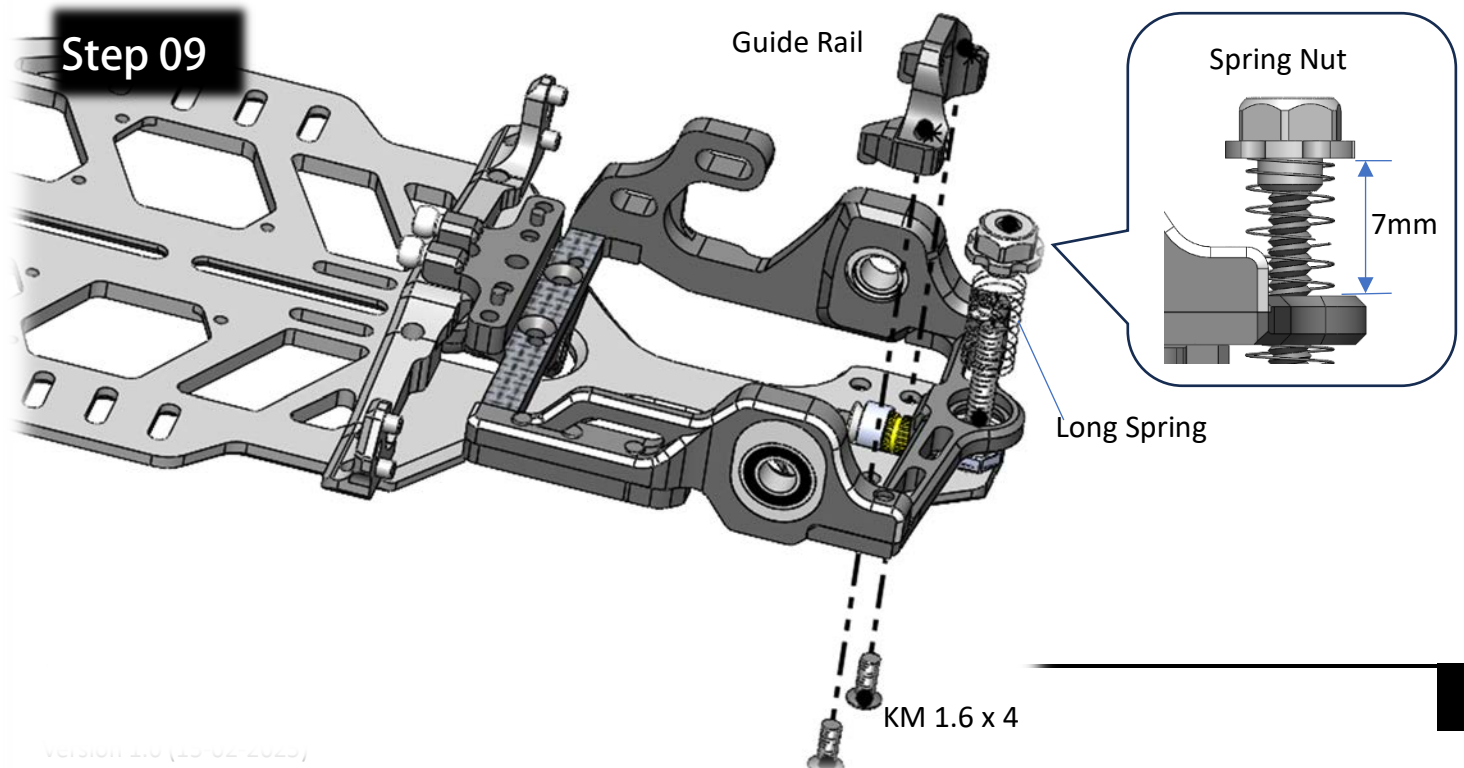
Step 07



Step 08



Step 09



Step 10 (open Bag 07)

Build 2 pcs

Put the o-ring
into the slot

Put the o-ring
into the slot

Apply #25000 grease to
the damper rod.

2.5 Ball cap

Side Spring

Note:

Grease is important: thicker grease will increase rear grip of the car.

Thinner grease will result in faster steering respond.

Damper Tube

Tension Collar

Step 11

Around 12mm

KM 1.6 x 5 silver color
(from bag 07)

Right Mount

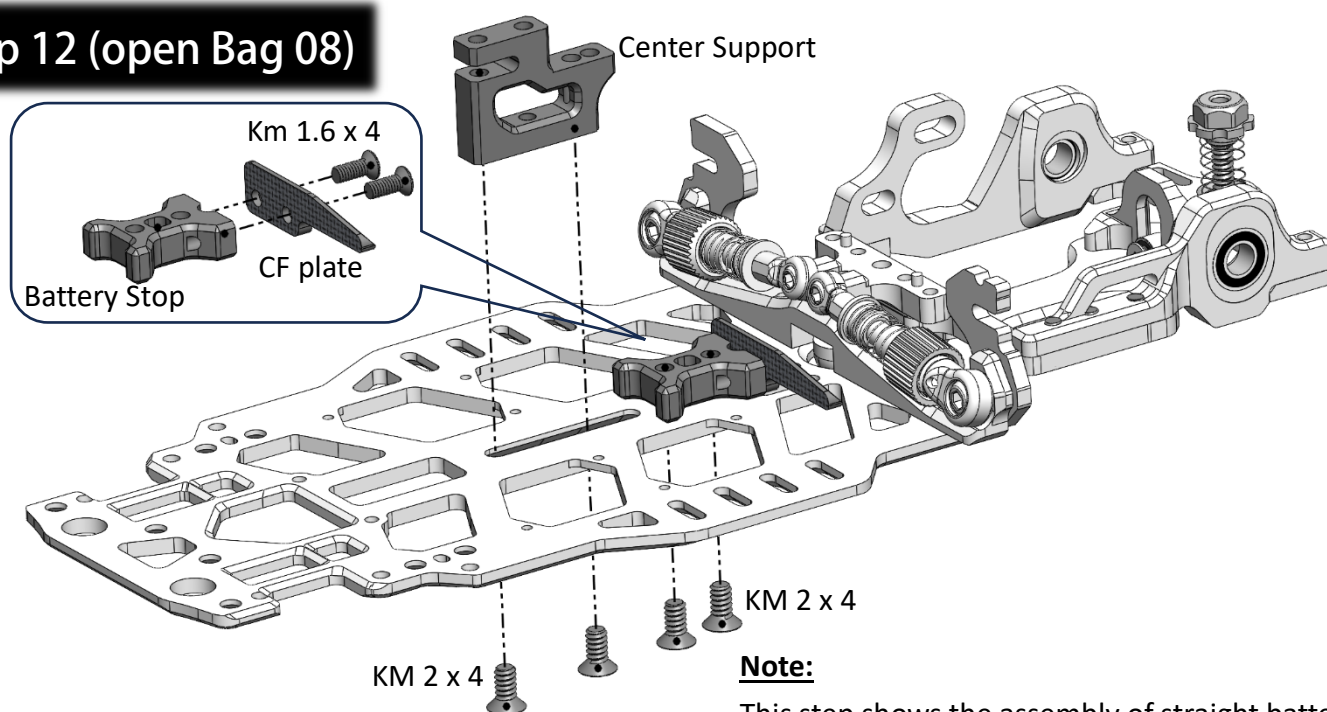
3.5 Gold Ball

Right mount

Left mount

Left mount

Step 12 (open Bag 08)



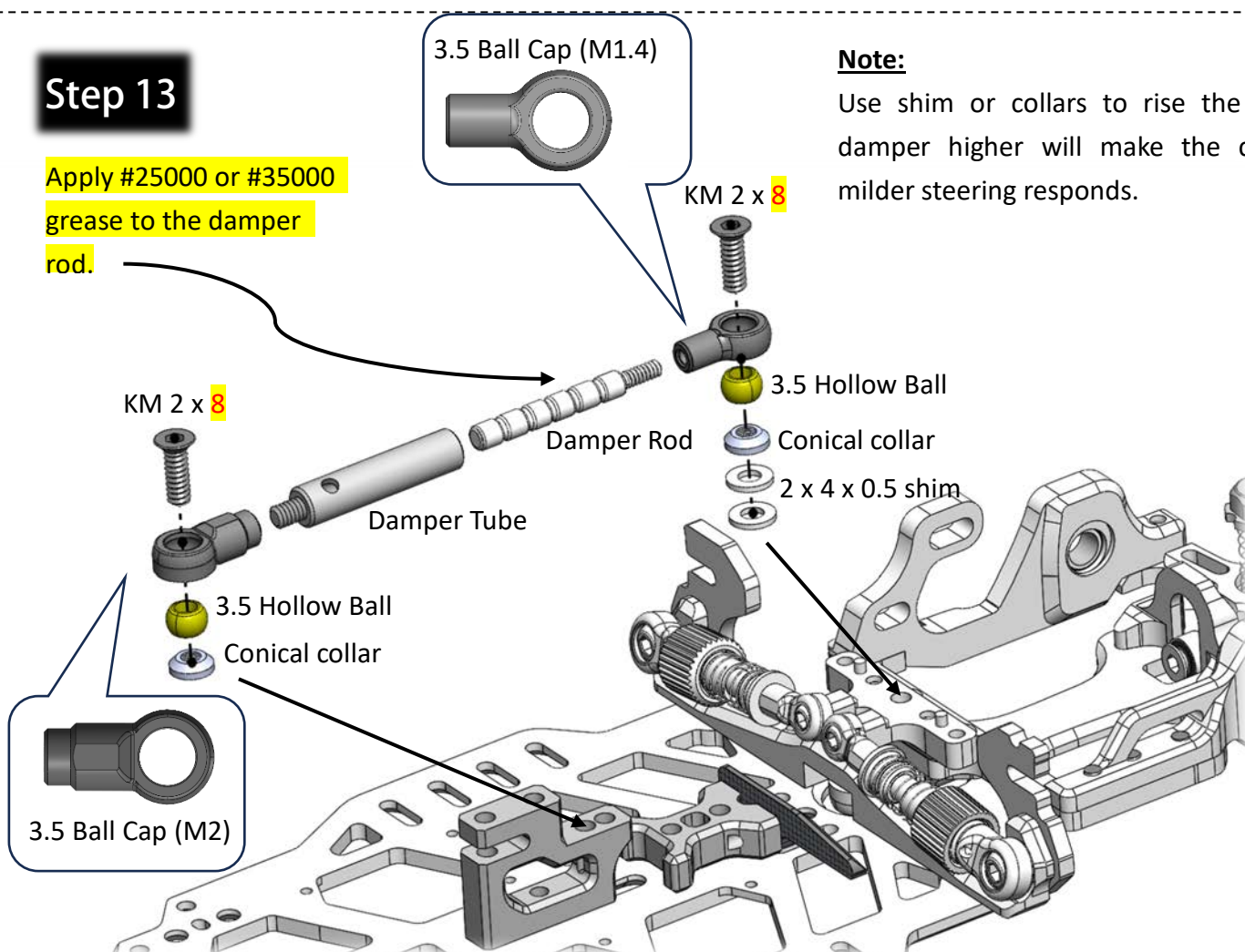
Step 13

Apply #25000 or #35000 grease to the damper rod.

3.5 Ball Cap (M1.4)

Note:

Use shim or collars to rise the center damper higher will make the car has milder steering responds.



Step 14 (open Bag 09)**CM 1.4 x 5**

Have to install from
this side of servo horn

Servo Mount

AGF A06

PM 2 x 4

PM 2 x 4

PM 2 x 4

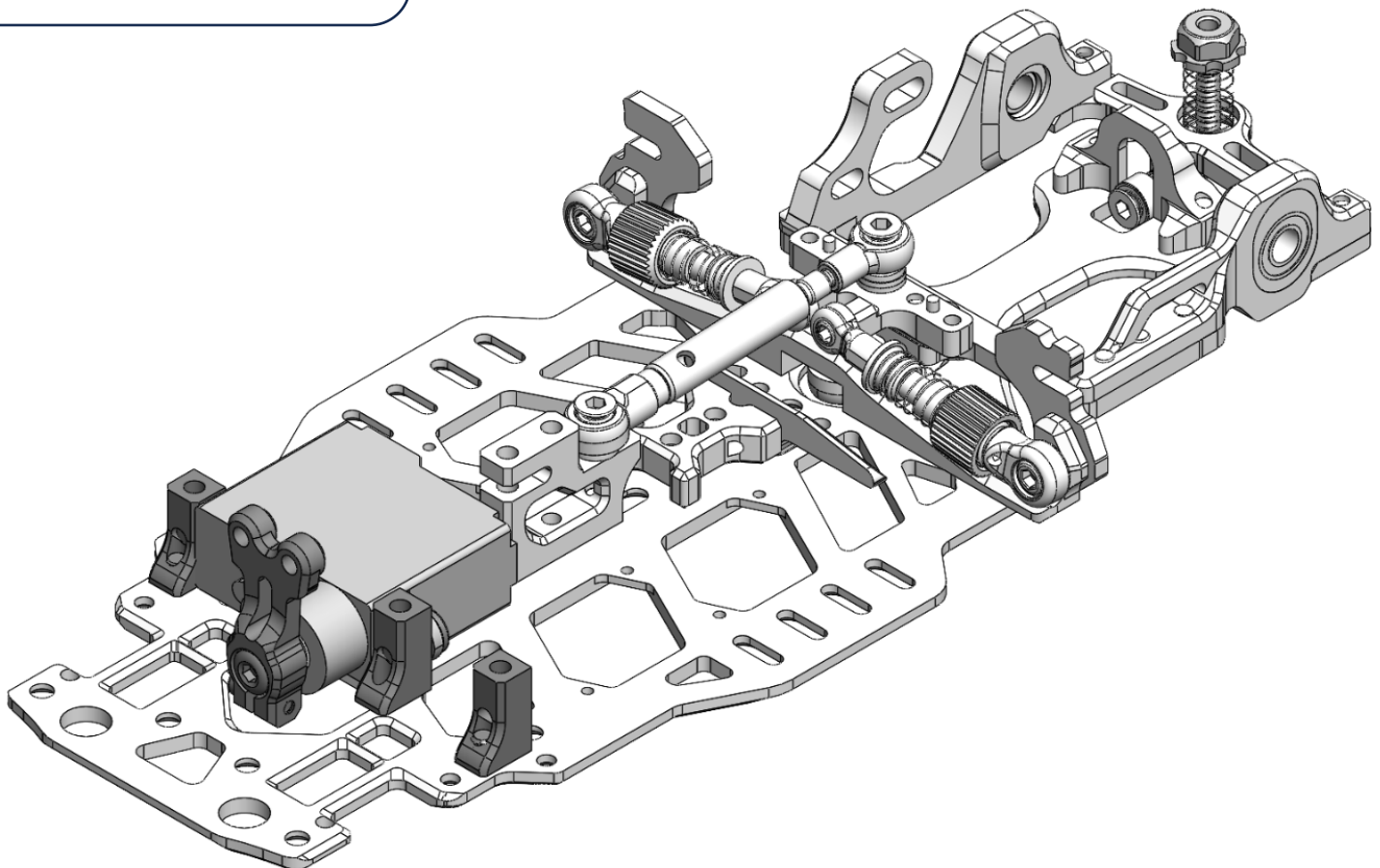
Note:

Servo horn come with the car kit
only compatible to AGF A06
servo.

3.0 Ball Stud

KM 2 x 4

KM 2 x 4



Step 15 (open Bag 10)**Build 2 pcs**

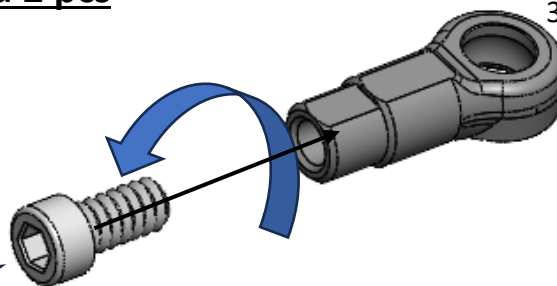
3.0 Ball Cap

Reverse Thread
Cup Head M2 screw

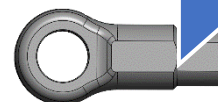


Use the **Reverse** thread M2 screw as a tool to make a reverse thread on the ball cap.

1. *turn the screw anti-clockwise*
2. *fully tighten the screw*
3. *then remove the screw*

**Step 16**

Hobby Knife



Trim the first segment of the
ball cap

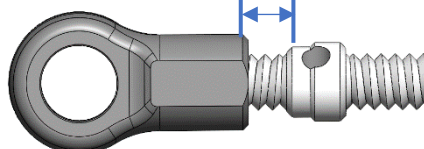
Step 17**Reverse Thread** side

Normal Thread side

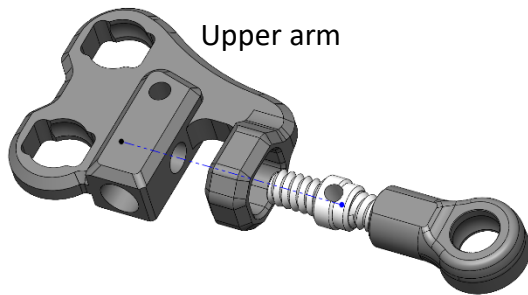
0.9mm hex tool

Screw the turnbuckle to the ball cap
using **Reverse Thread** side.

Leave around 1.5mm gap



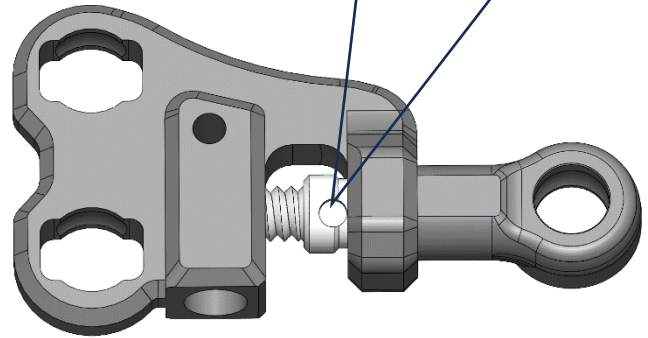
Step 18



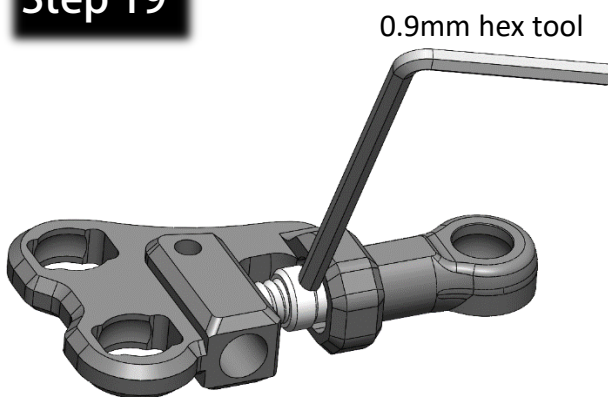
Upper arm

Screw the turnbuckle to the upper arm. (**Normal** thread side)

Screw the turnbuckle until we can see the hole.



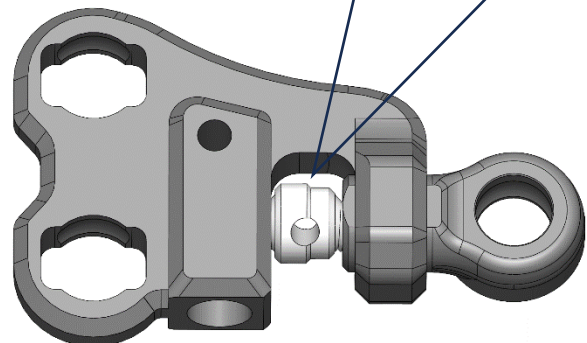
Step 19



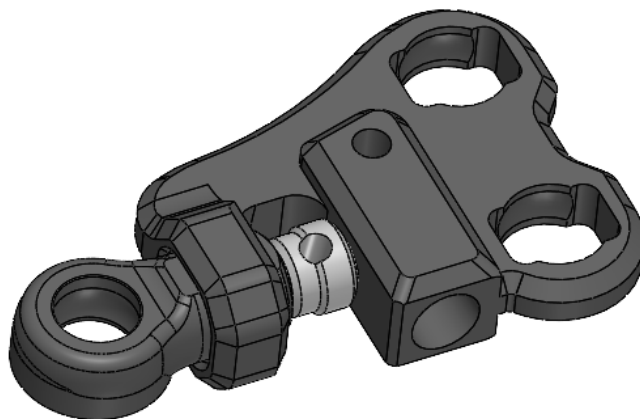
0.9mm hex tool

Use the 0.9mm hex tool to screw the turnbuckle.

Fully screw the turnbuckle to the upper arm. (we will adjust the camber angle later)

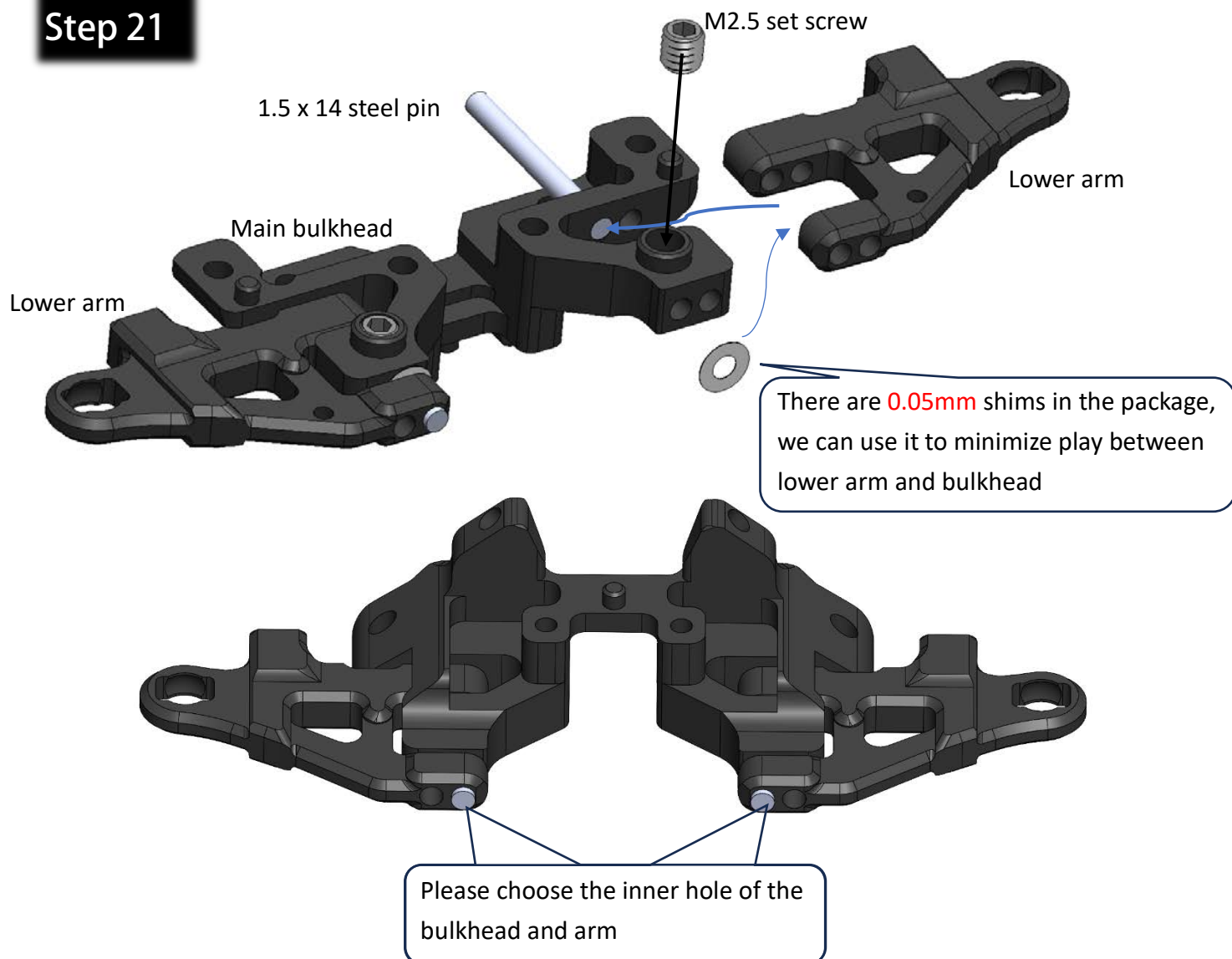


Step 20

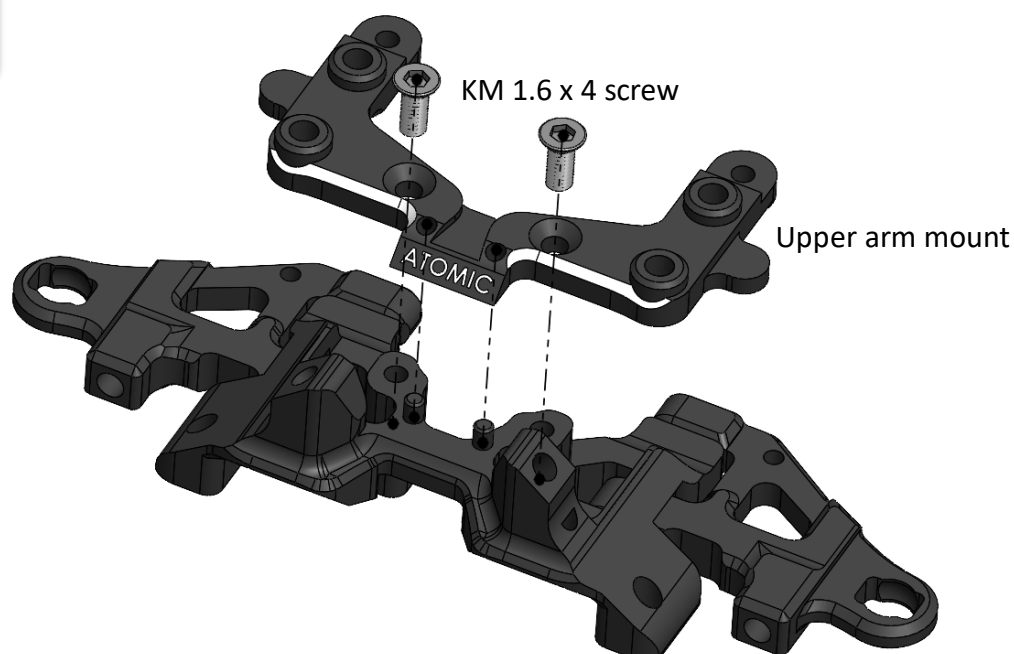


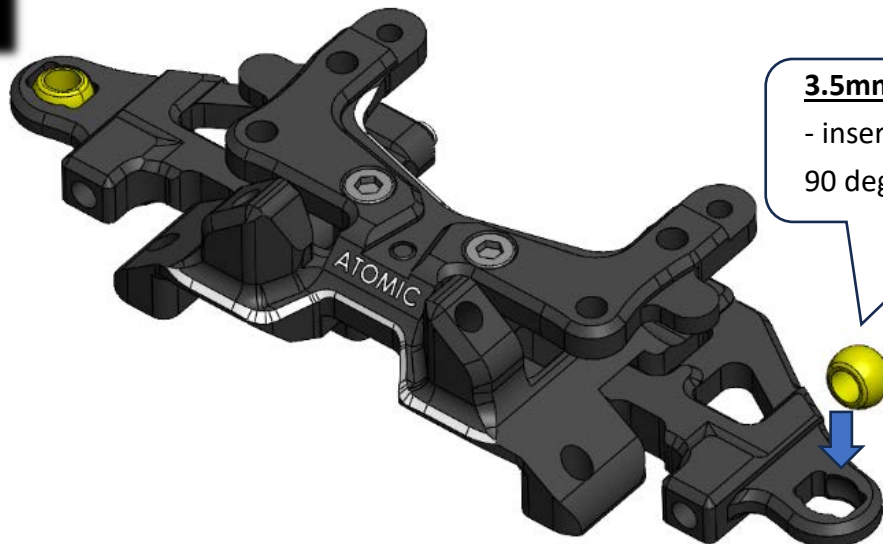
Repeat above steps to build the "Right" arm

Step 21

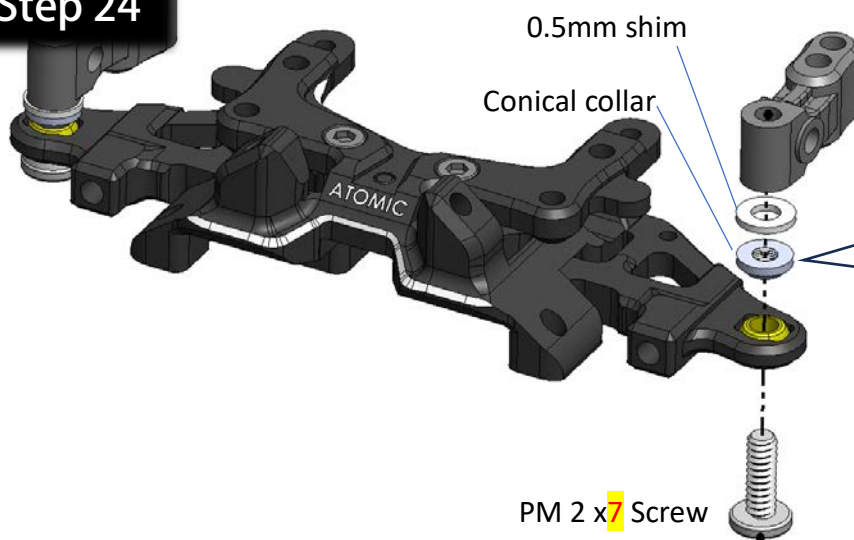


Step 22



Step 23**3.5mm pivot ball**

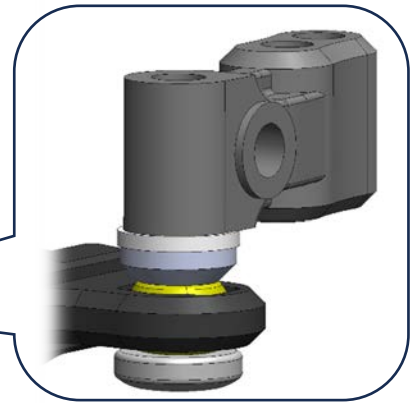
- insert it vertically and then turn 90 degree to lock it in place.

Step 24

0.5mm shim

Conical collar

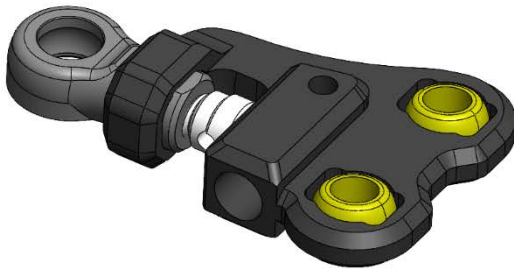
PM 2 x 7 Screw

**Note:**

The Conical collar must be tightened against to the pivot ball, otherwise the system will have slop and wobble.

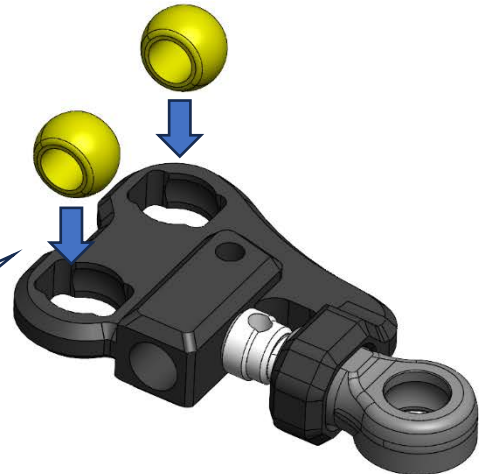
Step 25**3.0 Ball stud**

Step 26



3.5mm pivot ball

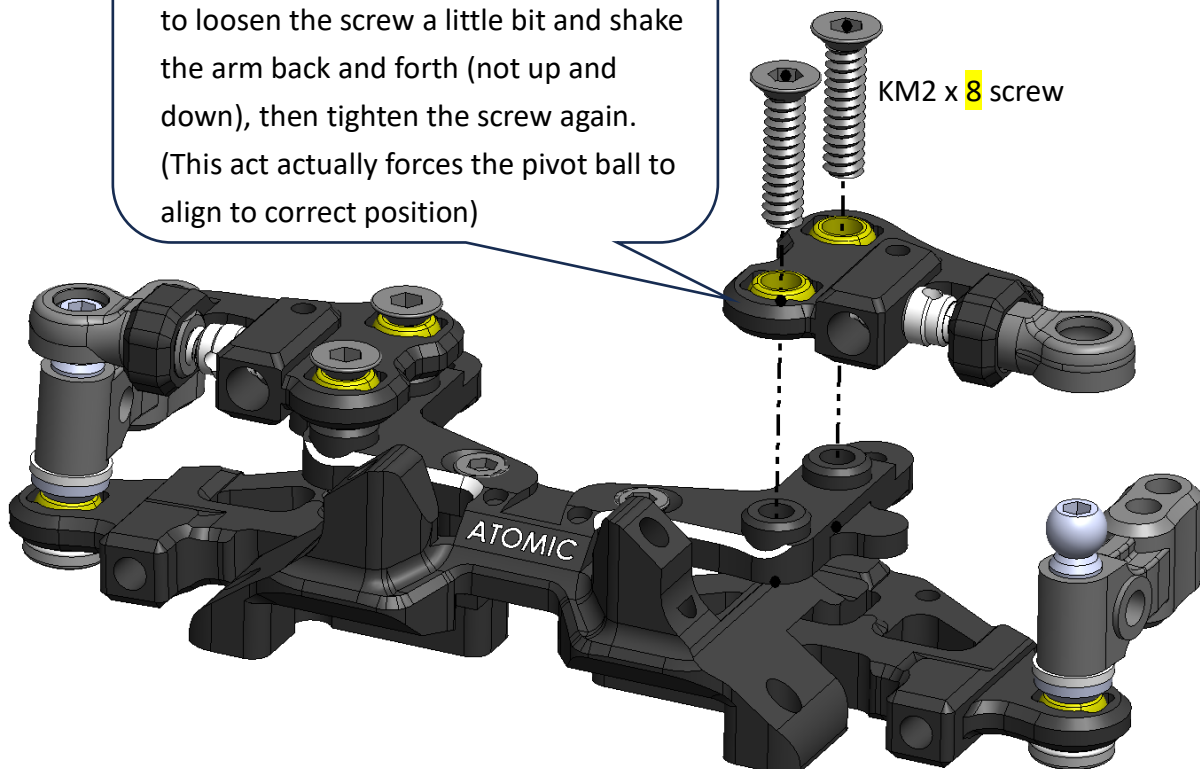
- insert it vertically and then turn 90 degree to lock it in place.

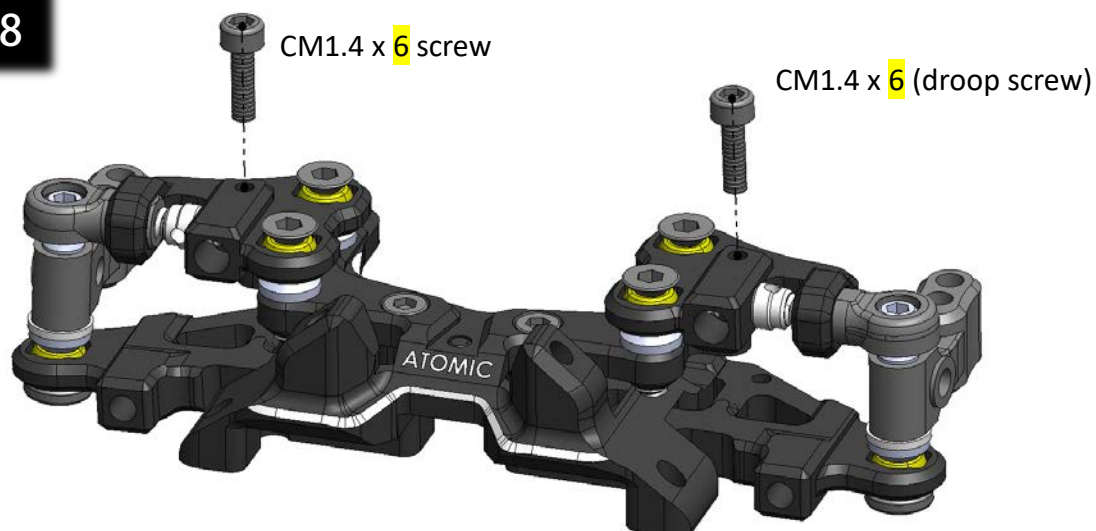


Step 27

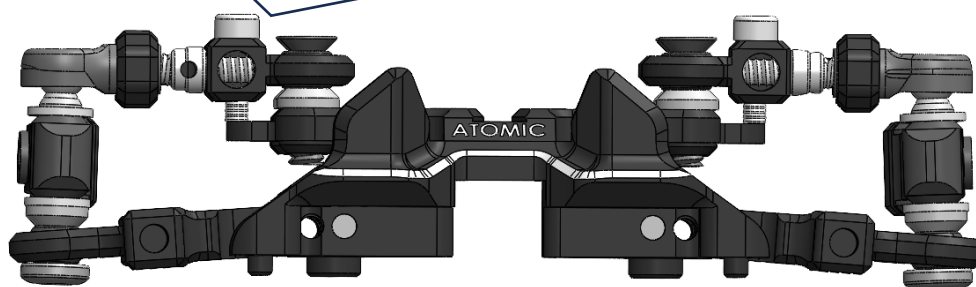
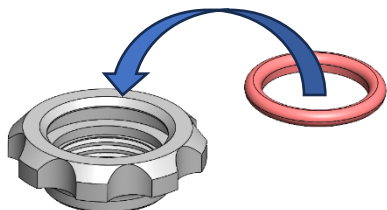
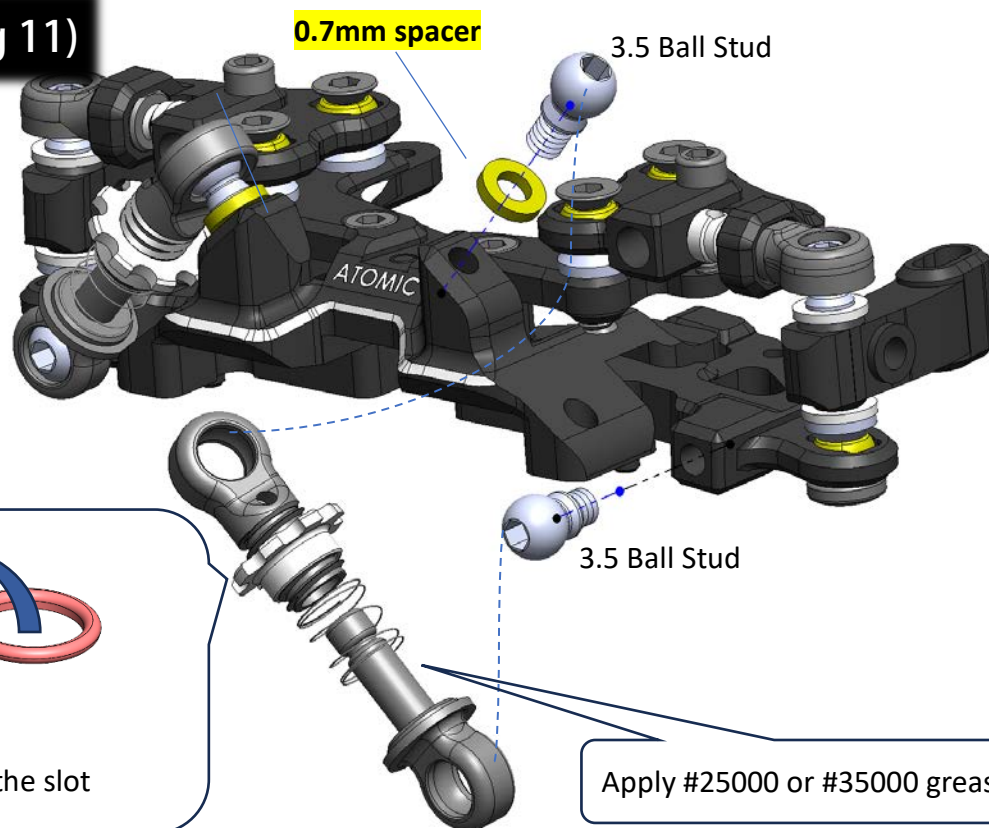
Note:

If the arm is not moving freely, we can try to loosen the screw a little bit and shake the arm back and forth (not up and down), then tighten the screw again. (This act actually forces the pivot ball to align to correct position)



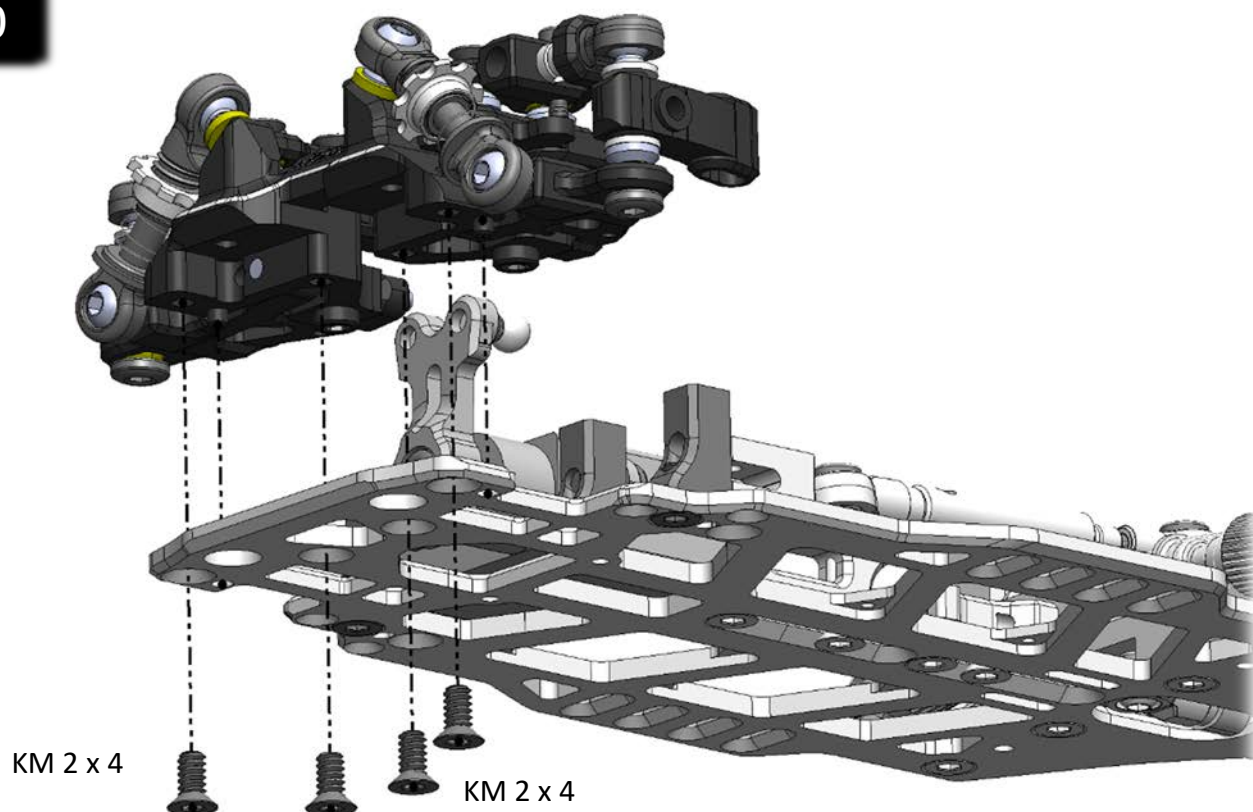
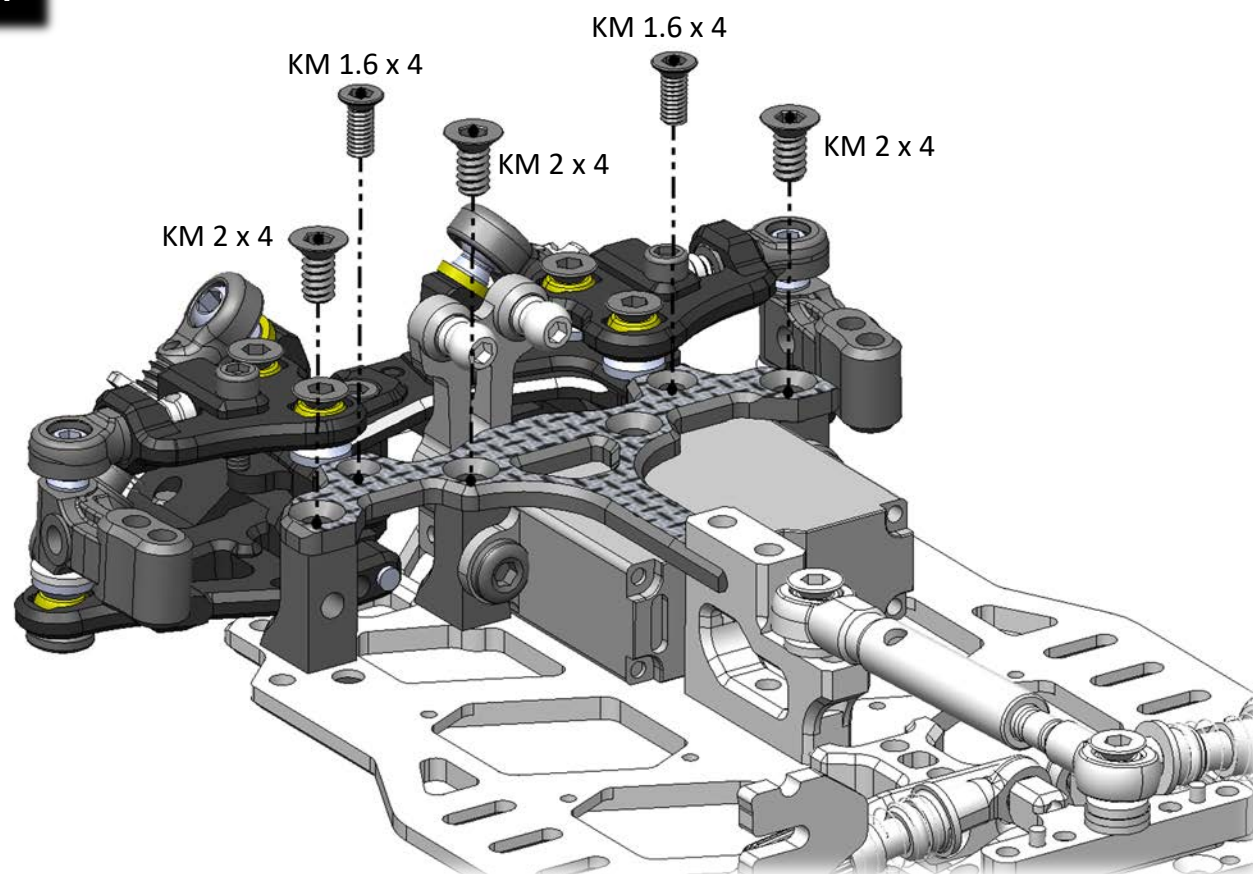
Step 28

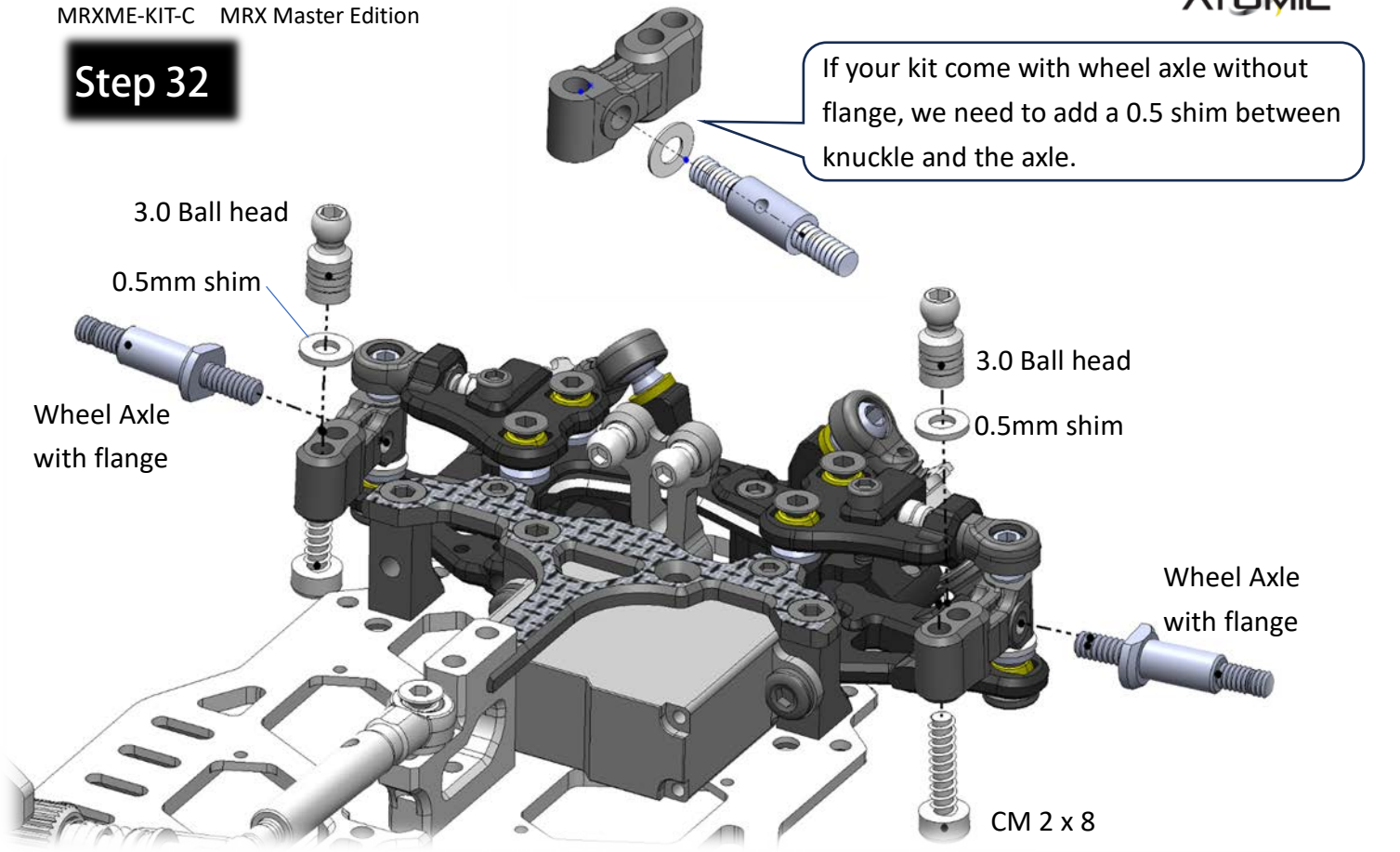
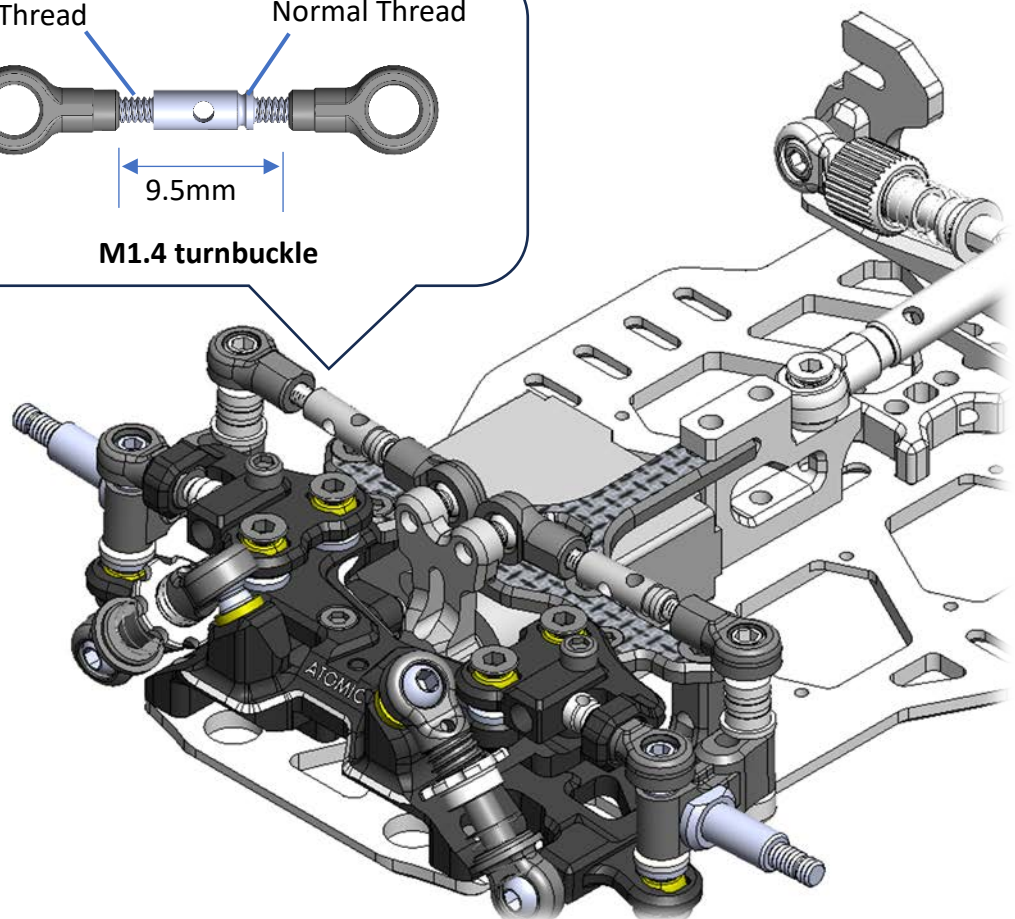
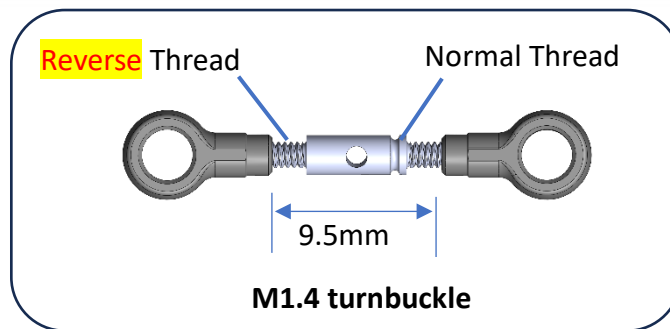
Recommend adjusting the upper arm to horizontal for initial setup

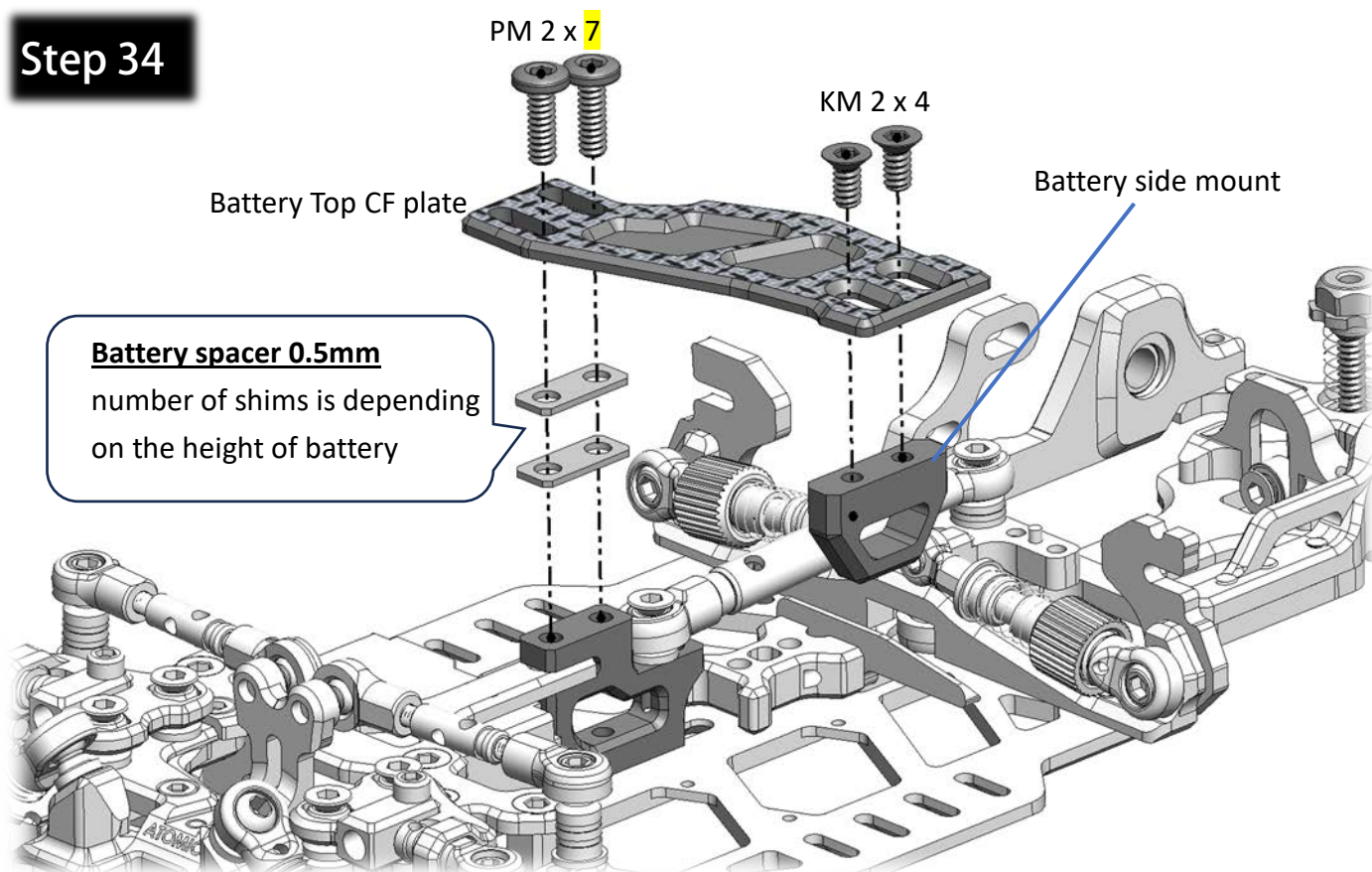
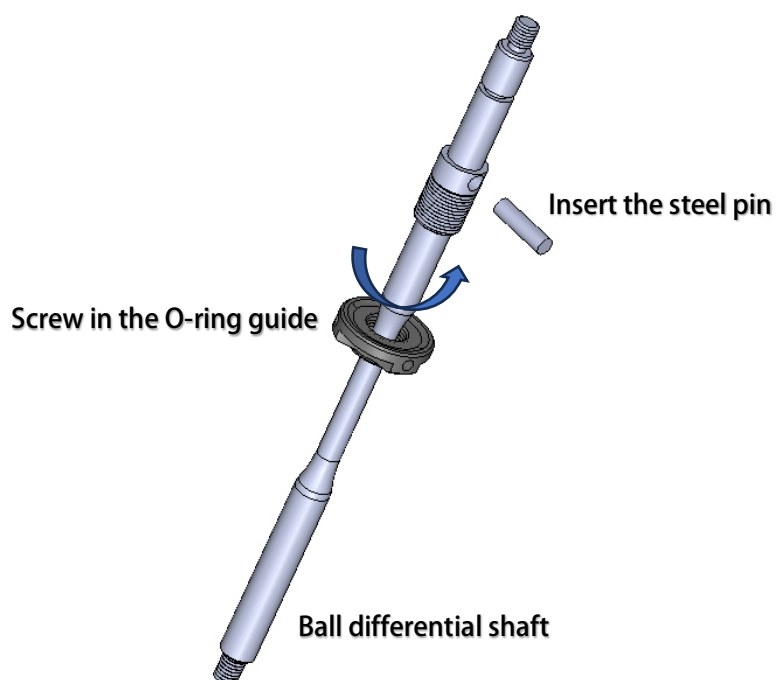
**Step 29 (open Bag 11)**

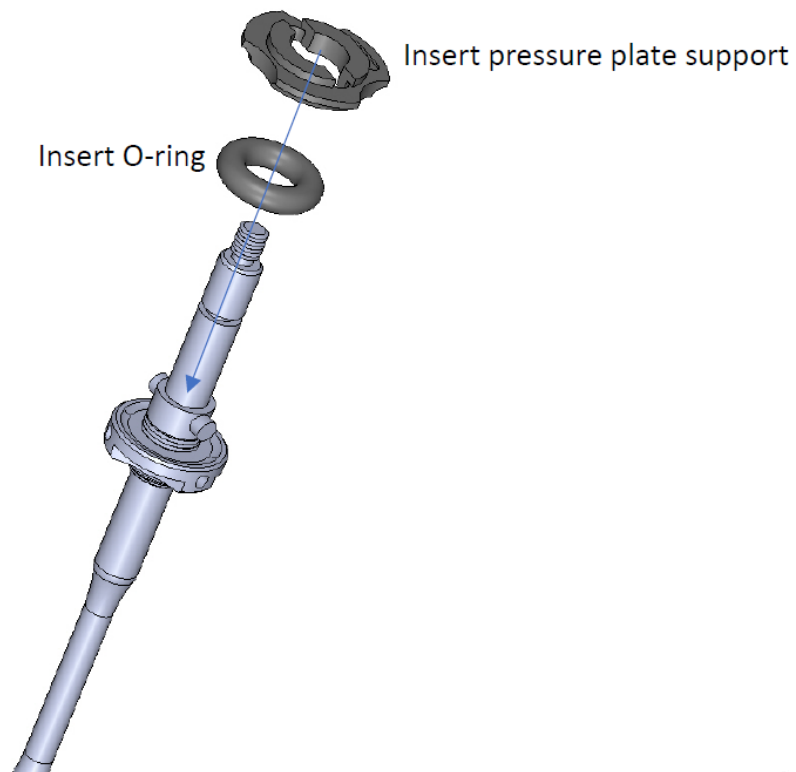
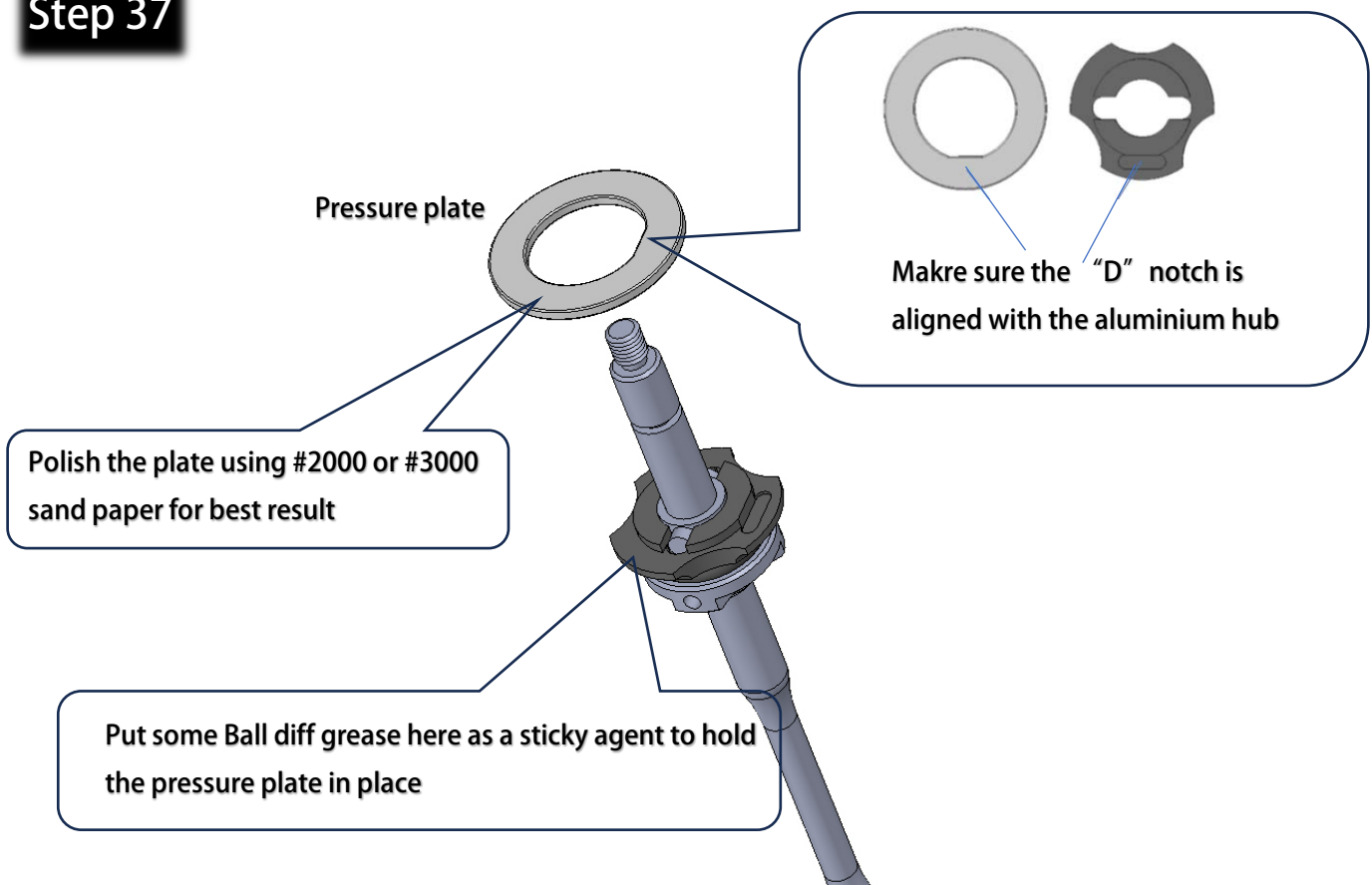
Put the o-ring in to the slot

Apply #25000 or #35000 grease

Step 30**Step 31**

Step 32**Step 33**

Step 34**Step 35 (open Bag 12)**

Step 36**Step 37**

Step 38

3 x 6 x 2 Bearing

9 Ball – Stable more grip

6 Ball – More steering

Insert the bearing and steel balls

- 1- Apply Ball Diff Grease to hand palm.
- 2- Then put the balls on palm as well.
- 3- Rub the balls with finger to make sure the grease is evenly on the each of ball surface.
- 4- Put the balls in the ring.

Step 39

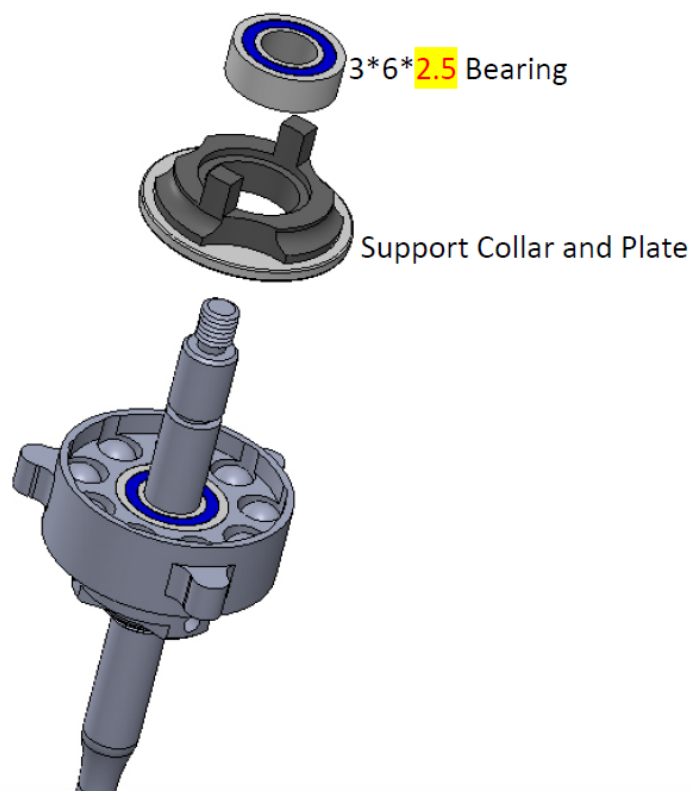
Pressure plate

Make sure the flat notch is matched.

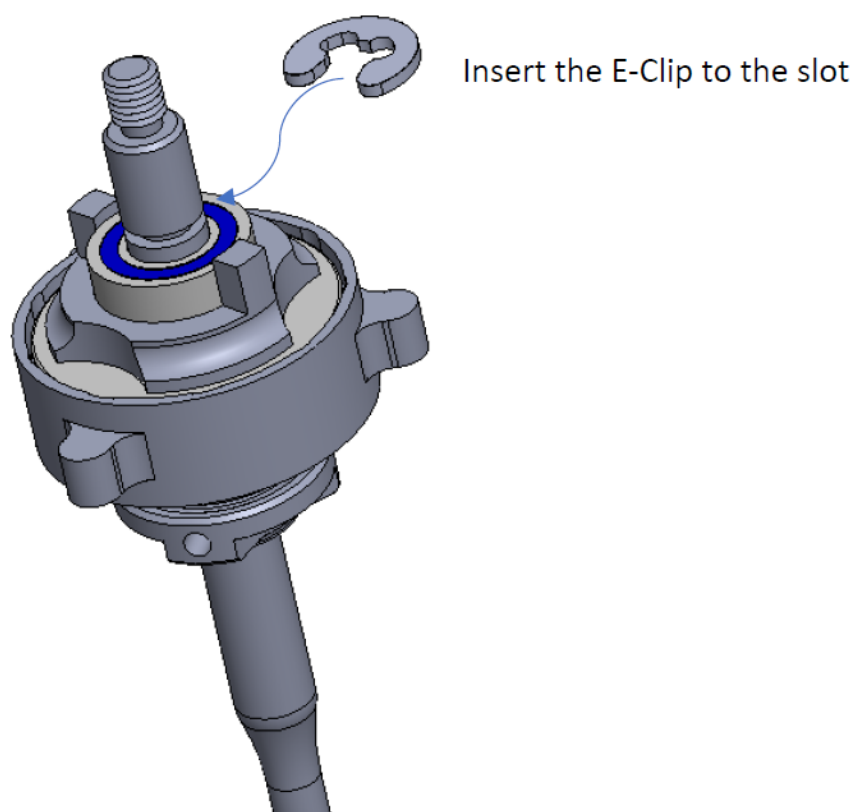
Support Collar

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

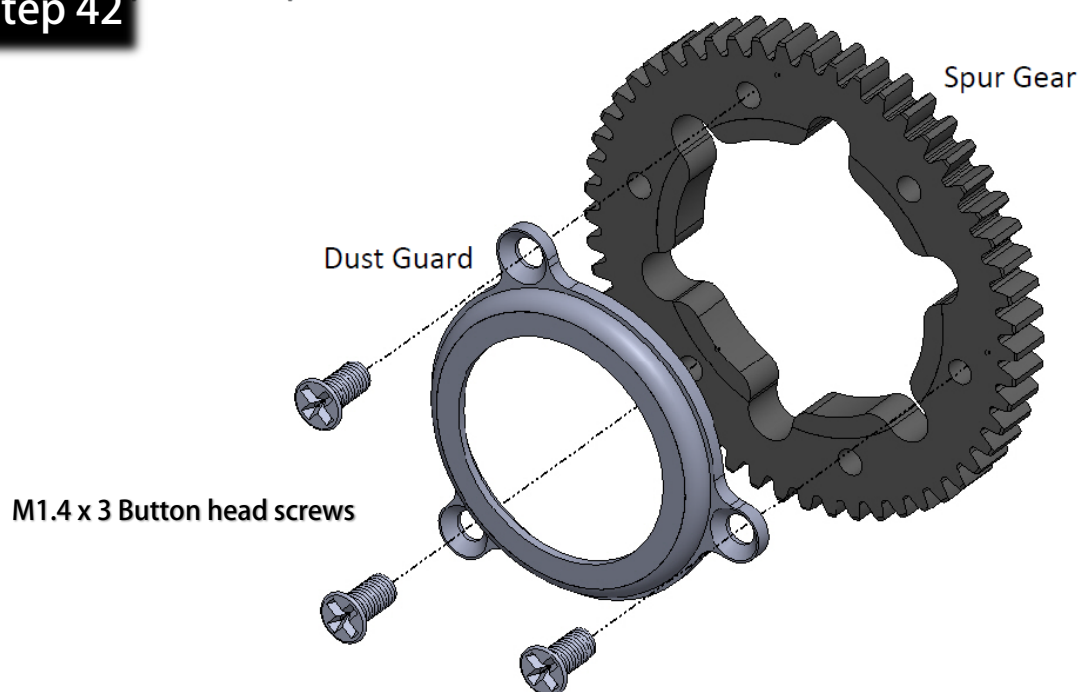
Step 40



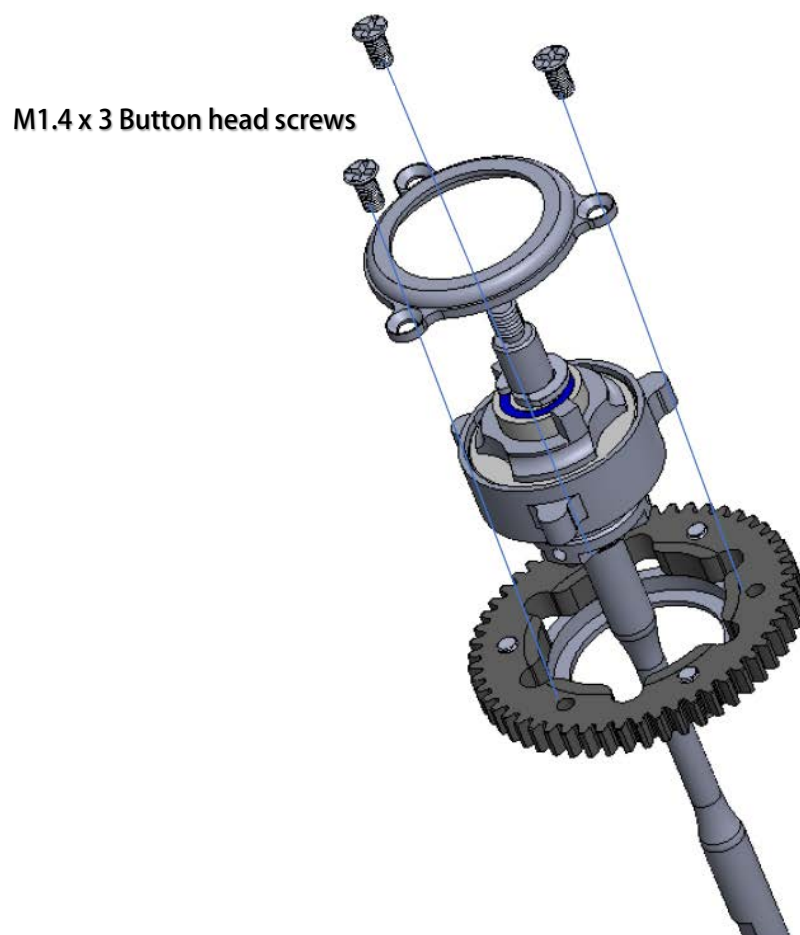
Step 41



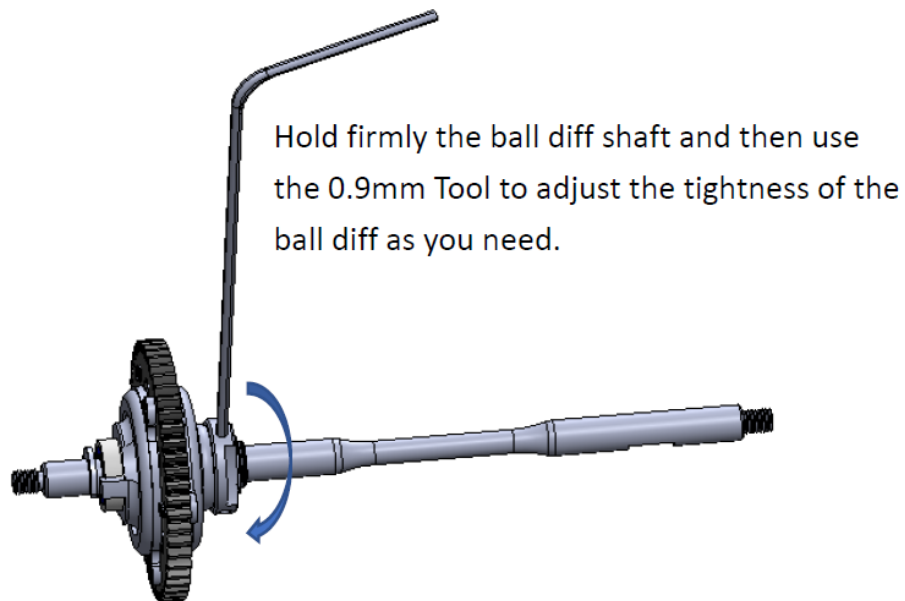
Step 42



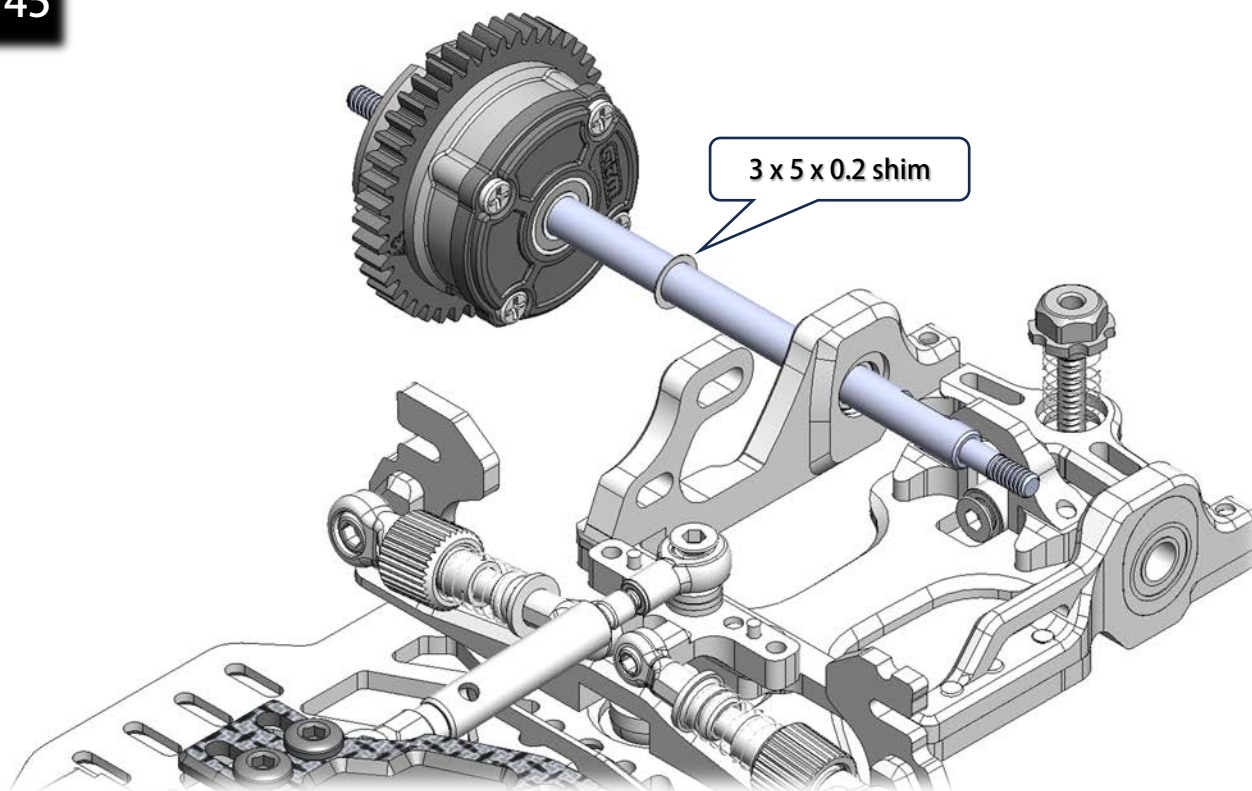
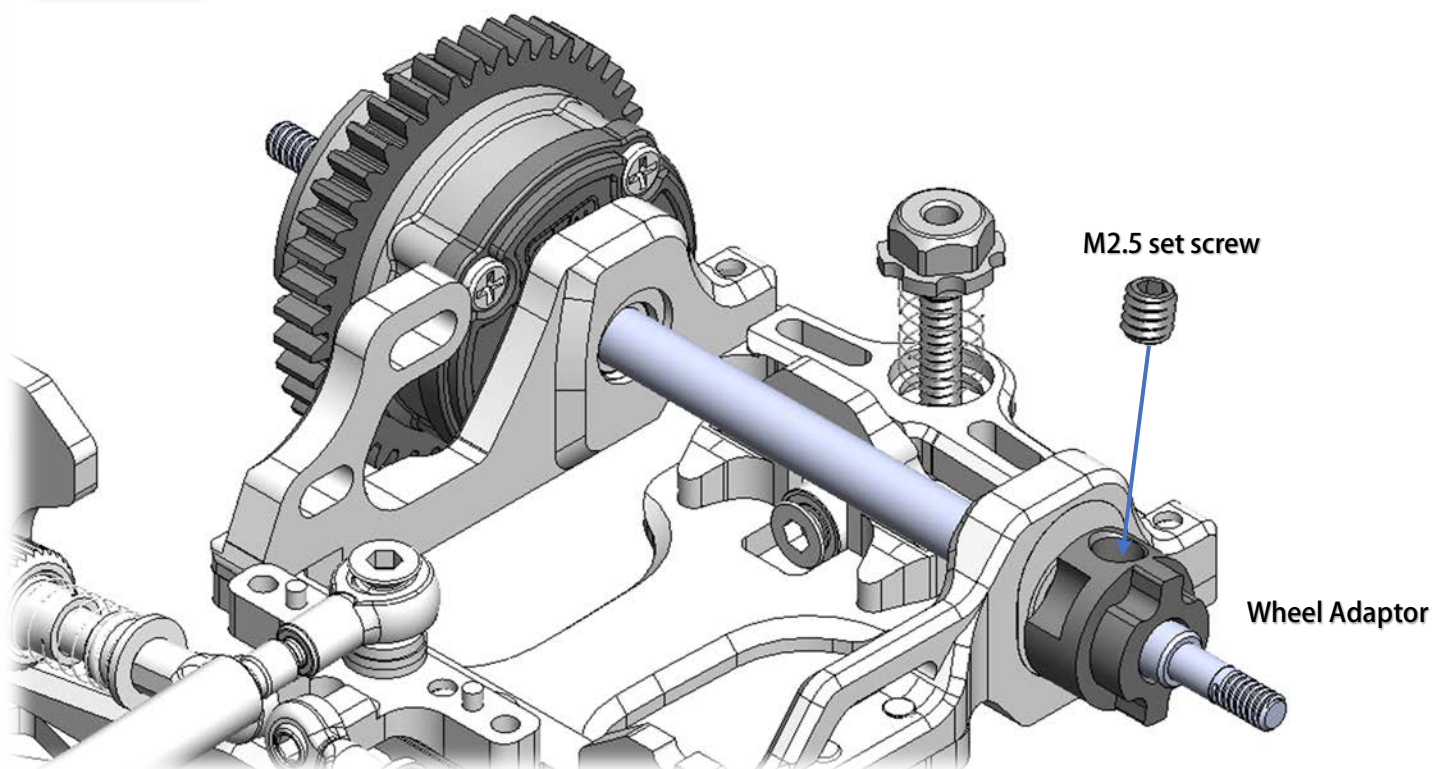
Step 43



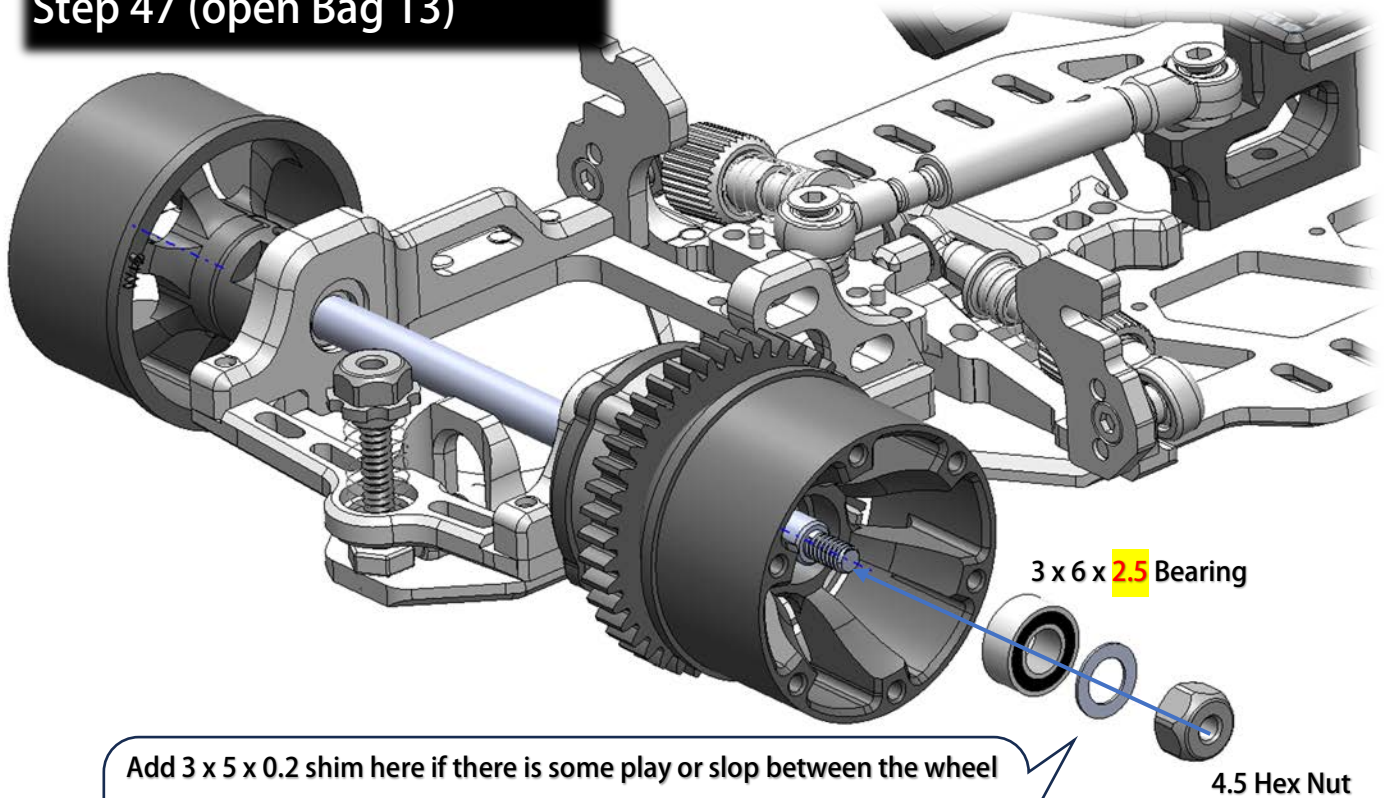
Step 44



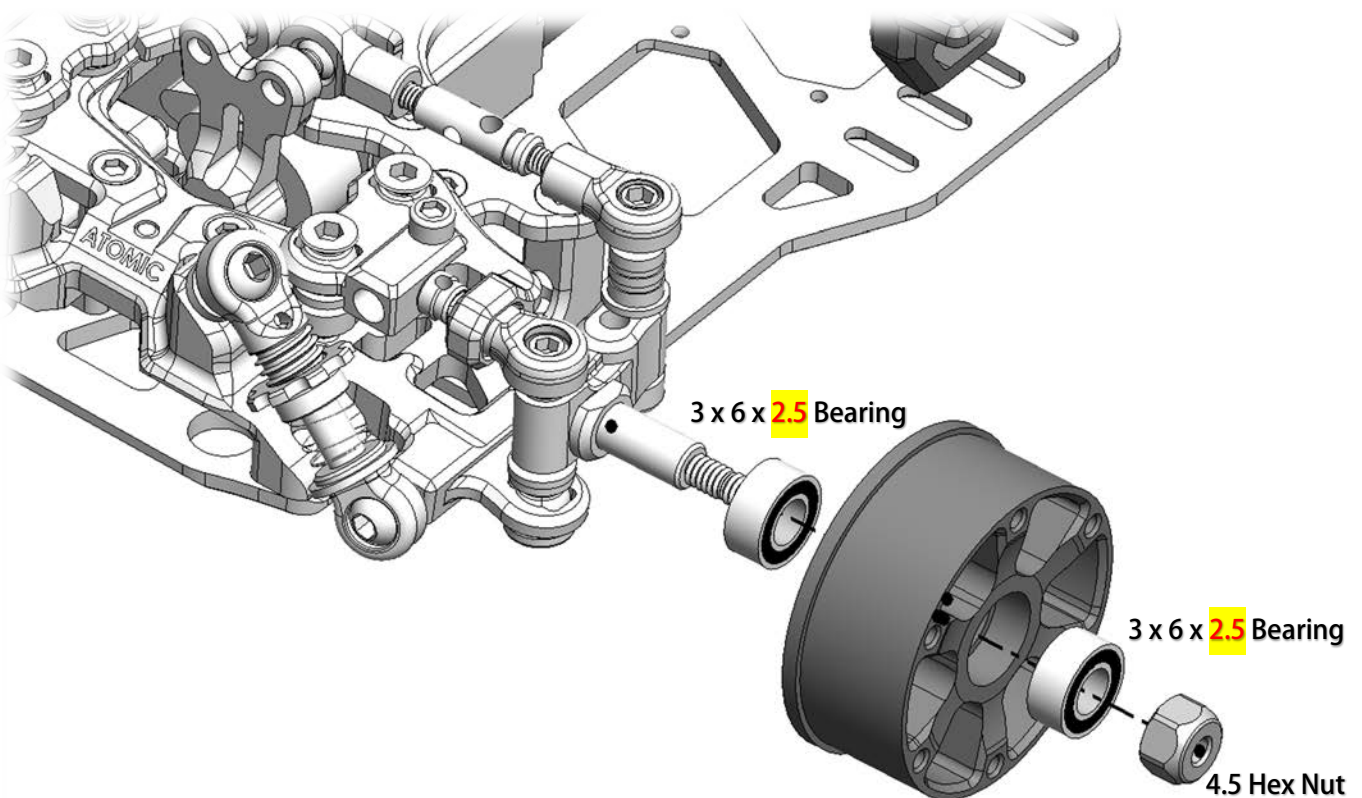
You will see there is wobble between the gear body and the shaft, no worry that is normal and that is on purpose to have this play. We need this play to ensure the system is working smoothly and running quietly with the motor pinion.

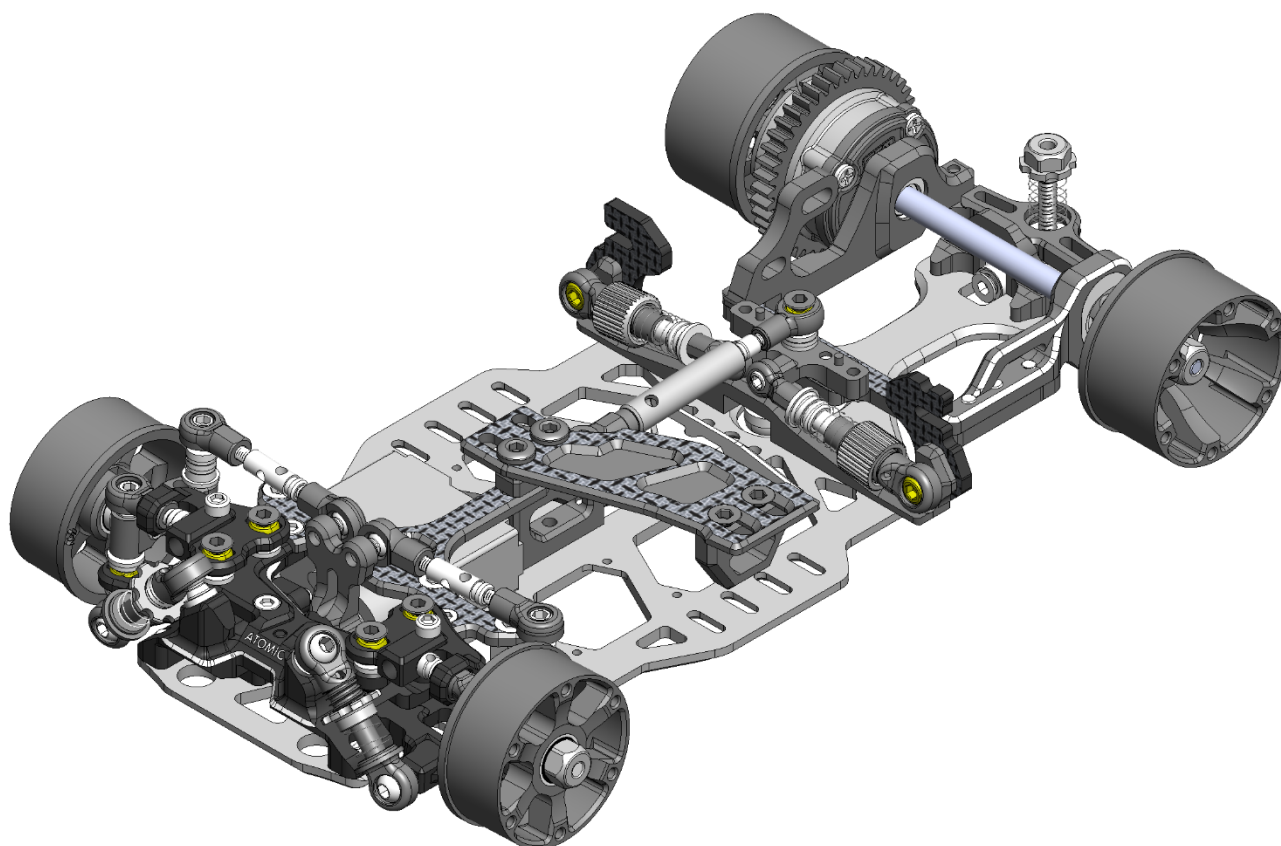
Step 45**Step 46**

Step 47 (open Bag 13)



Add 3 x 5 x 0.2 shim here if there is some play or slop between the wheel and the differential. (Different brands of wheel will have different amount of play) And do not over tighten the hex nut and check if the differential is rotating smoothly after the nut is tightened.





Horizontal Battery config. (open bag 14)

There are longer screws and steel collar in bag 14, use these parts to rise the center damper to get over the battery.

Put the servo to left hand side of chassis



Steel Collar

PM 2 x 4

