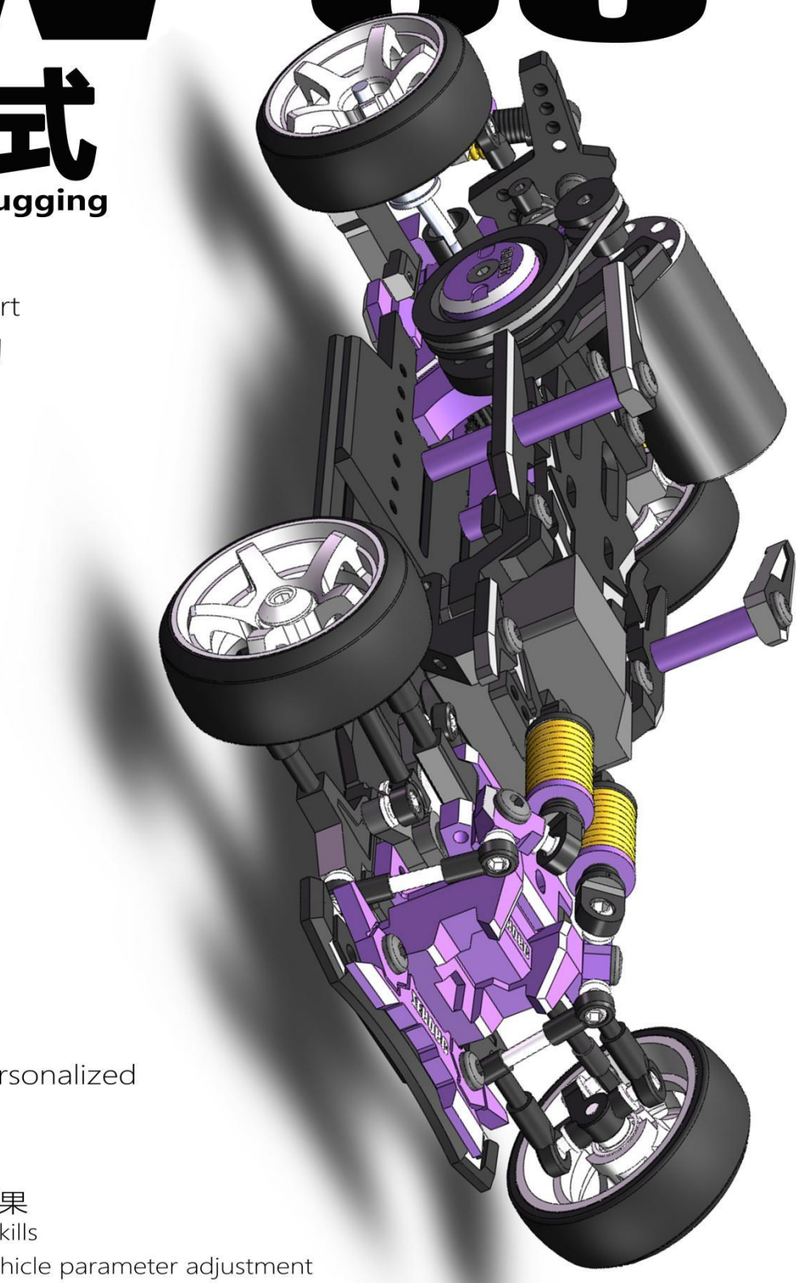
INSTRUCTIONS
RW 00
零号模式

Installation and debugging strategy

from novice to semi expert

从小白到"半高手"的

安装调车攻略



真正的高手

车都是极致个性化

Real master

The cars are extremely personalized

通用安装细节技巧

车架参数调节带来的应用效果

General installation details and skills

Application effect brought by vehicle parameter adjustment

从这里开始走出你的个性化之路

From here, walk out of your personalized road

PARTICIPATE IN EVENTS

参与赛事追求多种个性

赛事现场

赛前练习

赛员合照

追走比赛

参赛实例

GT86+V3

SUPRA+V3

GTR34

GT86+V1

INSTRUCTIONS
RW 00
零号模式

01

About
Playing

追求的玩法

ABOUT RW 00

产品的追求

01 快乐 Joy

就是为了快乐

玩了多年的开放式车架，让我感受到了调车后带来各种手感变化的乐趣。我希望可以通过RW00和调车攻略，让大家也感受到这份快乐

02 竞技 Sports

感受追走的快乐

漂移的追走玩法，其实就是一个格斗游戏。玩家之间可以通过调车达到一个最合适自己手感车架。真正的高手车架都是极具个性化的。

03 美观 Nice

除了帅一无事处

车架的外观设计花费了大量的时间和精力，在我看来，除了帅一无事处。

04 互动 Interaction

分享你的快乐

欢迎加入到我们社群的大家庭里，群内有多位资深玩家分享玩车的经验。更希望大家可以把自己玩车的快乐分享给身边的好友。

01 COMMON TOOLS

常用工具

常用的工具必不可少，
例如：螺丝刀、镊子、手钻、钻头，在安装车架，改装车壳上面都要用到。

03 INSTALL

安装车架

除了常规的安装说明，还详细介绍一些通用的精装、改装技巧。

05 DEVICE SETTINGS

设备设定

电子设备的参数分享，及实际应用效果。电子参数在整个车架里面的影响效果占比相当之高。

07 SKILL

操控技巧

讲述对于每个湾道的控线技巧，追走时候的后车位置选择。

车架电子设备的选用，电机、电调、舵机、陀螺仪会从入门级到进阶级做一个相应的介绍。

电子设备

02 ELECTRONIC

车架上的各个物理参数介绍，参数间的各种关联，调教后的实际应用效果。

车架调教

04 TUNING CAR

所有的参数其实都是根据线路、地面而设定。讲述入弯，出弯的线路选择，各选择之间的优劣。

漂移路线

06 DRIFT ROUTE

一般漂移追走比赛的赛制讲解 。车架设定差异，对局之间心理战的技巧

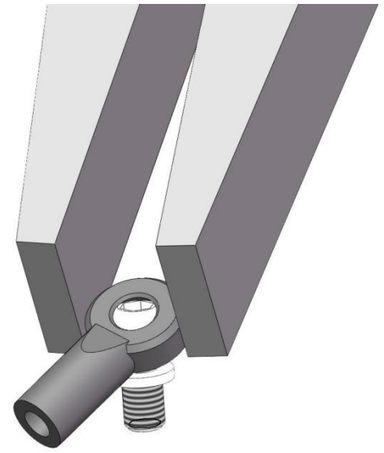
漂移比赛

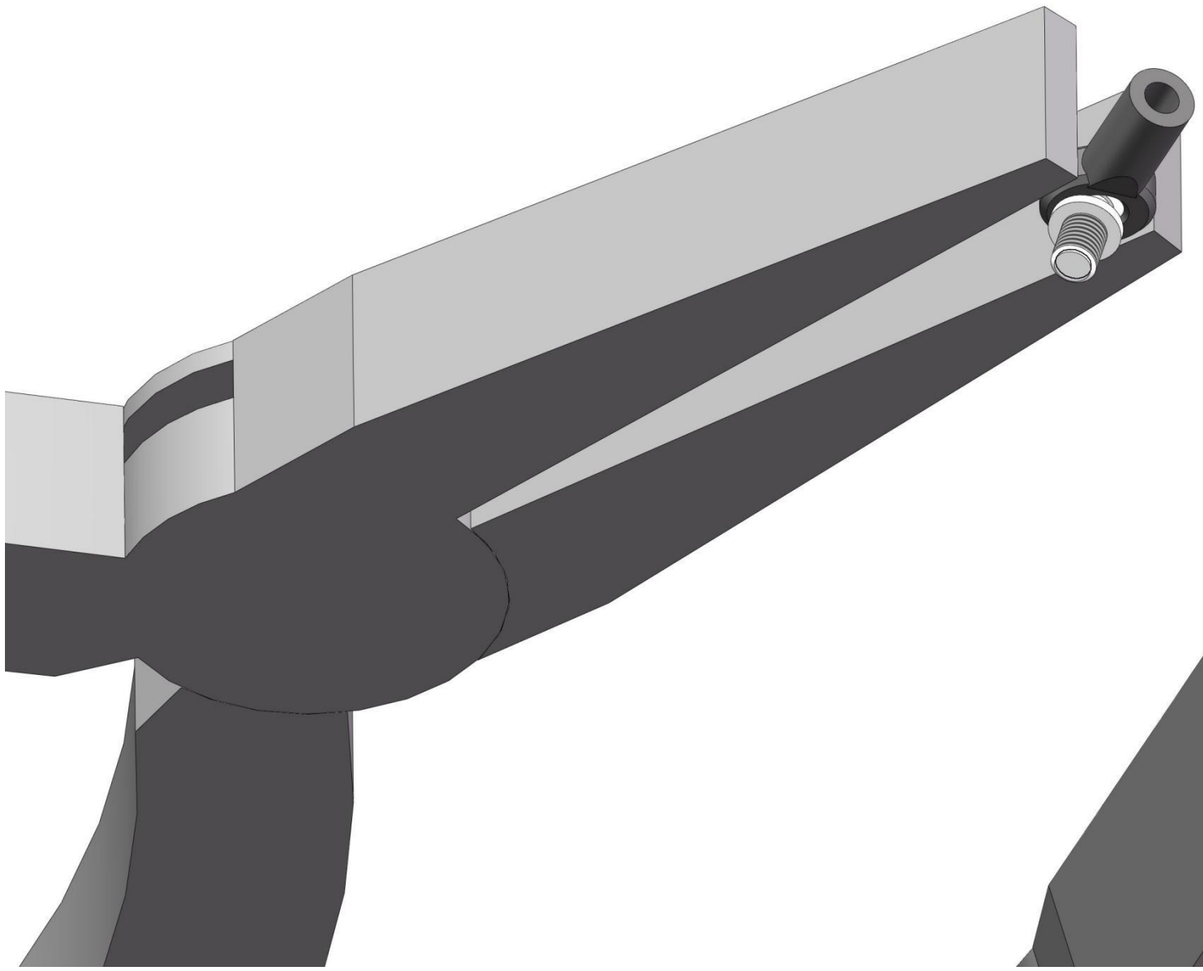
08 DRIFTT RACE

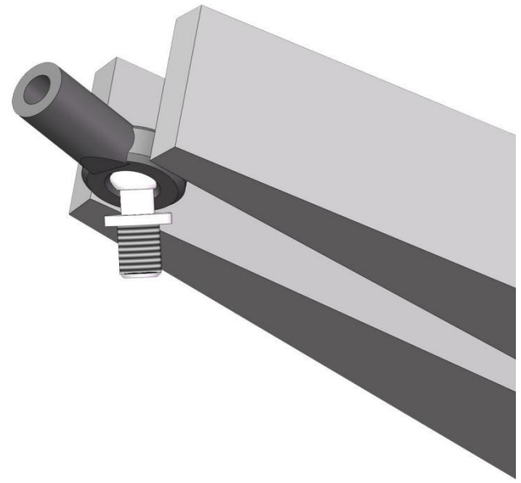
Treatment of ball connector
球头的处理

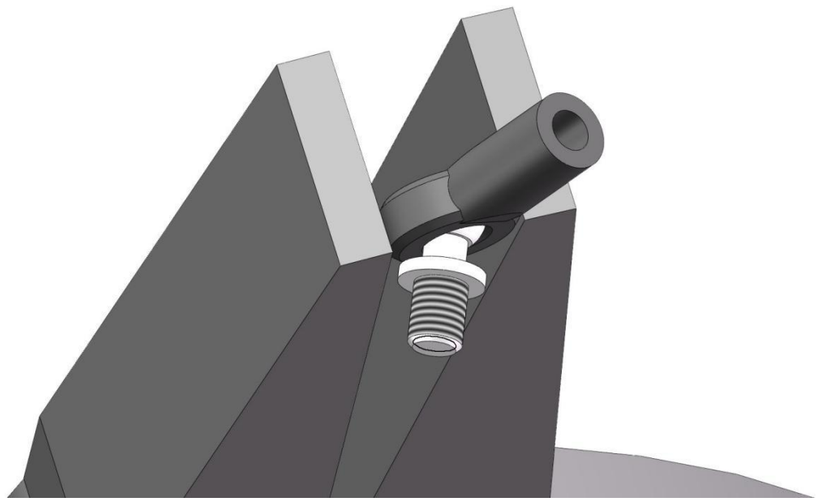
During installation, if the ball connector is stuck or not smooth,
You can use pliers to clamp it gently at multiple angles.
It feels that there is a complete fit between metal and plastic.

在安装的过程中，如果遇到球头出现顿卡或不顺畅，
可以用钳，多角度轻轻夹一下。力度为感觉金属与
塑料之间完全贴合。





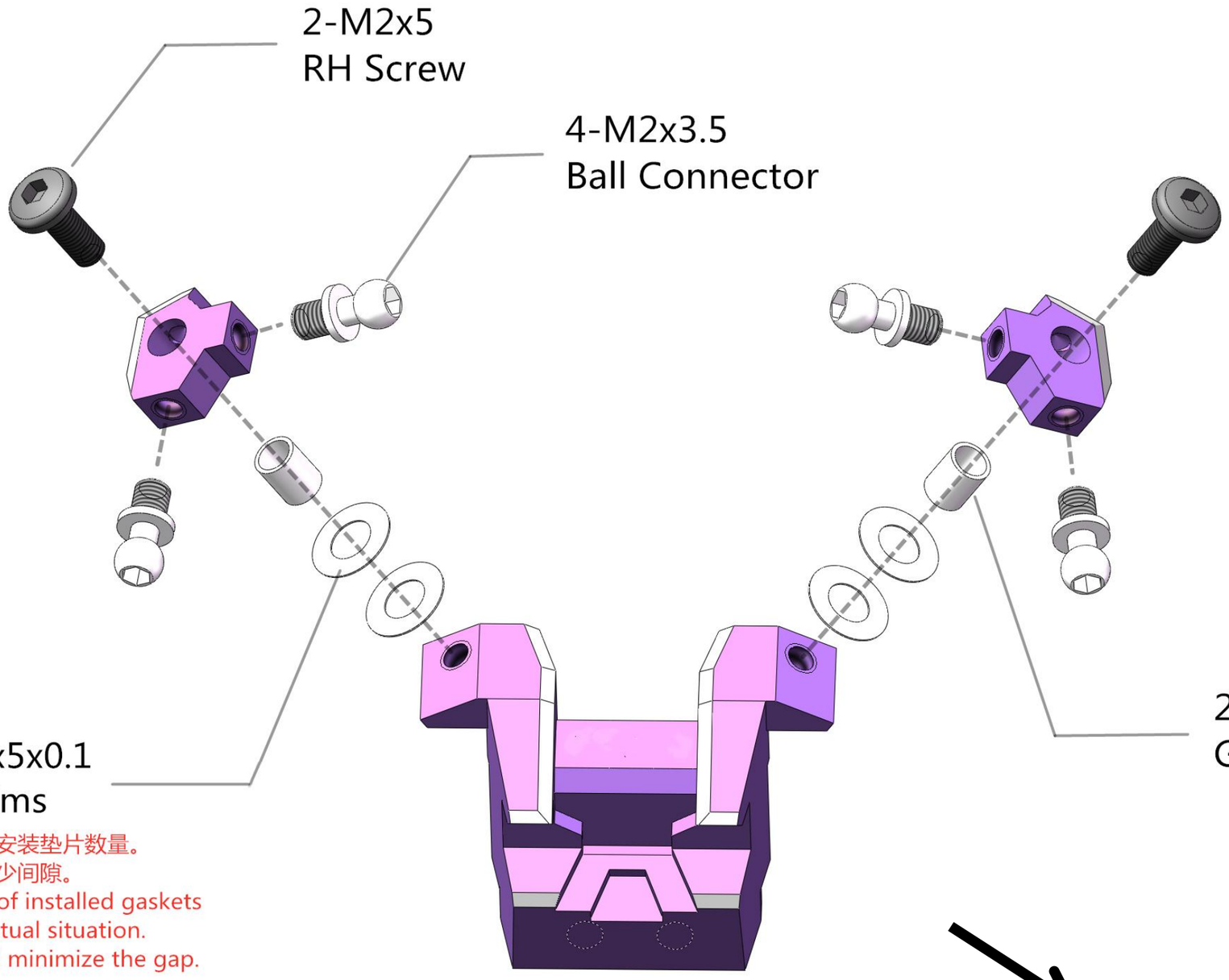




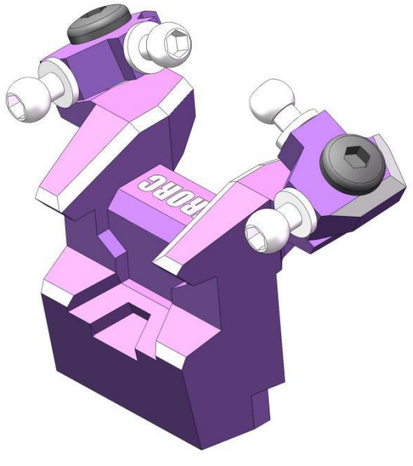
02

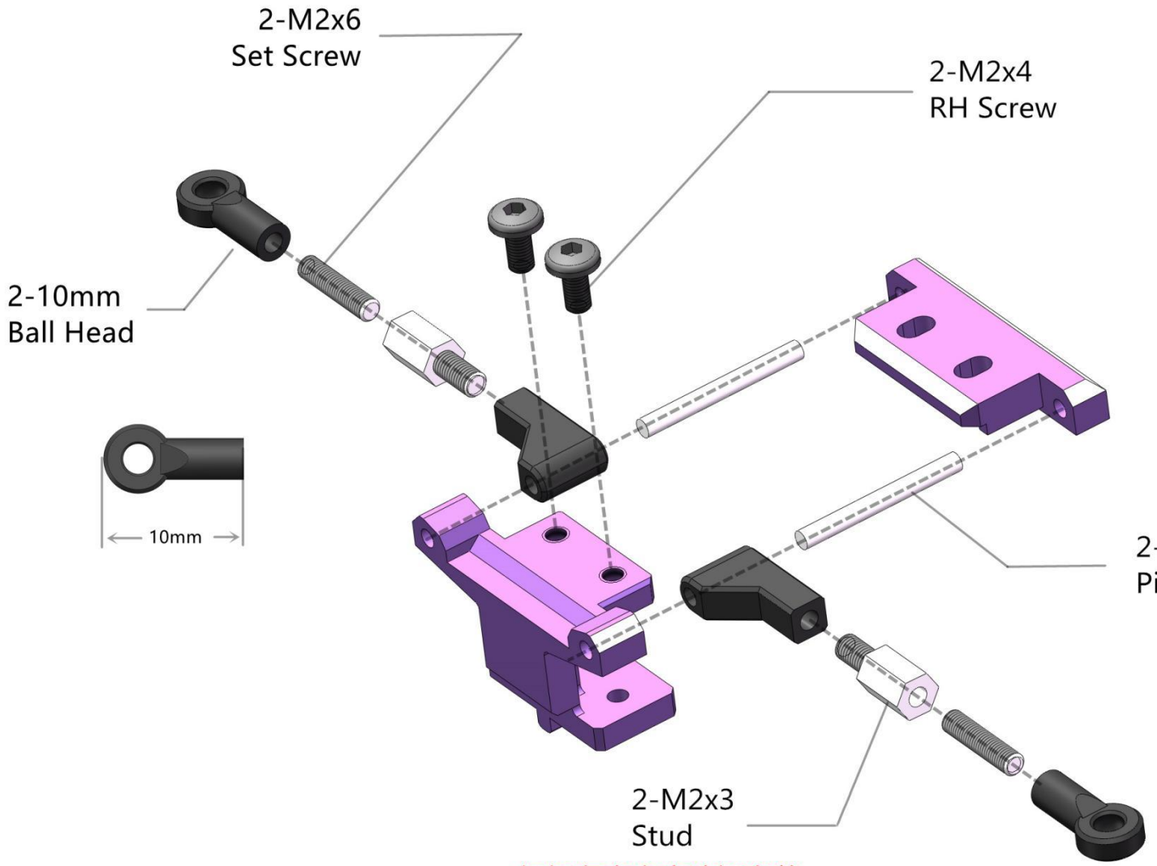
RW00
install

RW00车架组装

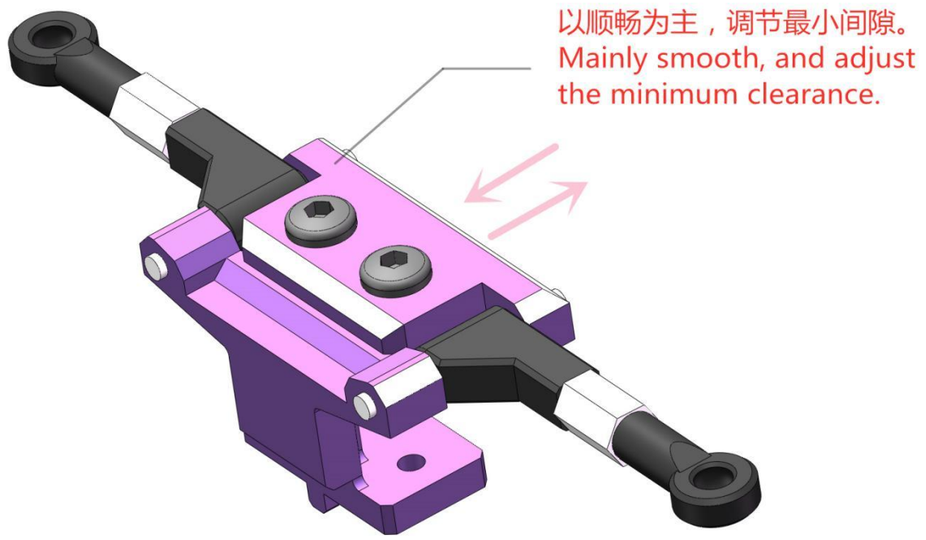


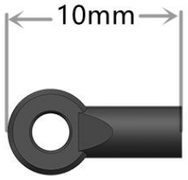
根据实际情况，选择安装垫片数量。
以顺畅为主，尽量减少间隙。
Select the number of installed gaskets
according to the actual situation.
Mainly smooth and minimize the gap.





根据车壳宽度选择安装
Select installation according to vehicle width

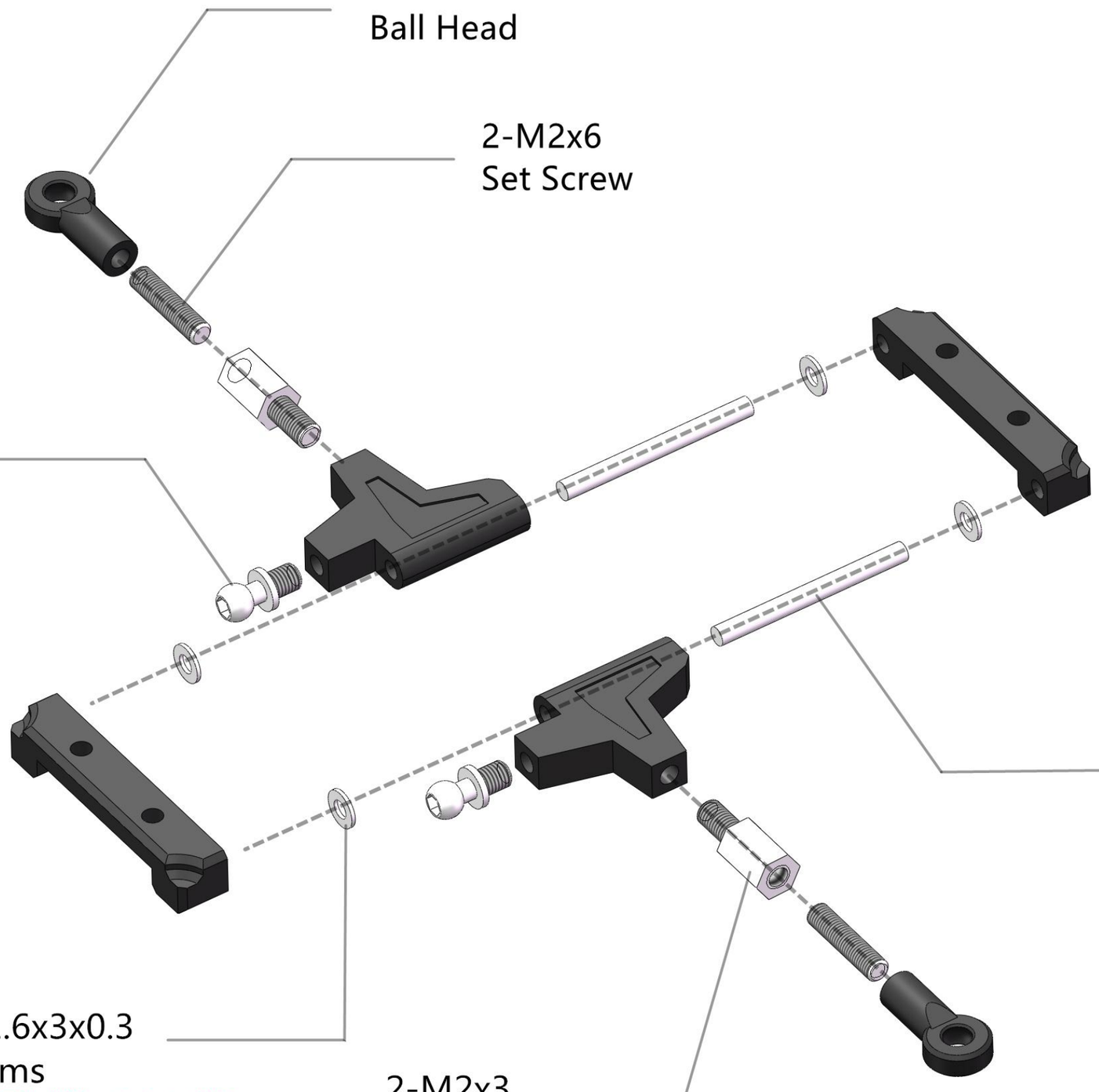




2-10mm
Ball Head

2-M2x6
Set Screw

2-M2x3.5
Ball Connector



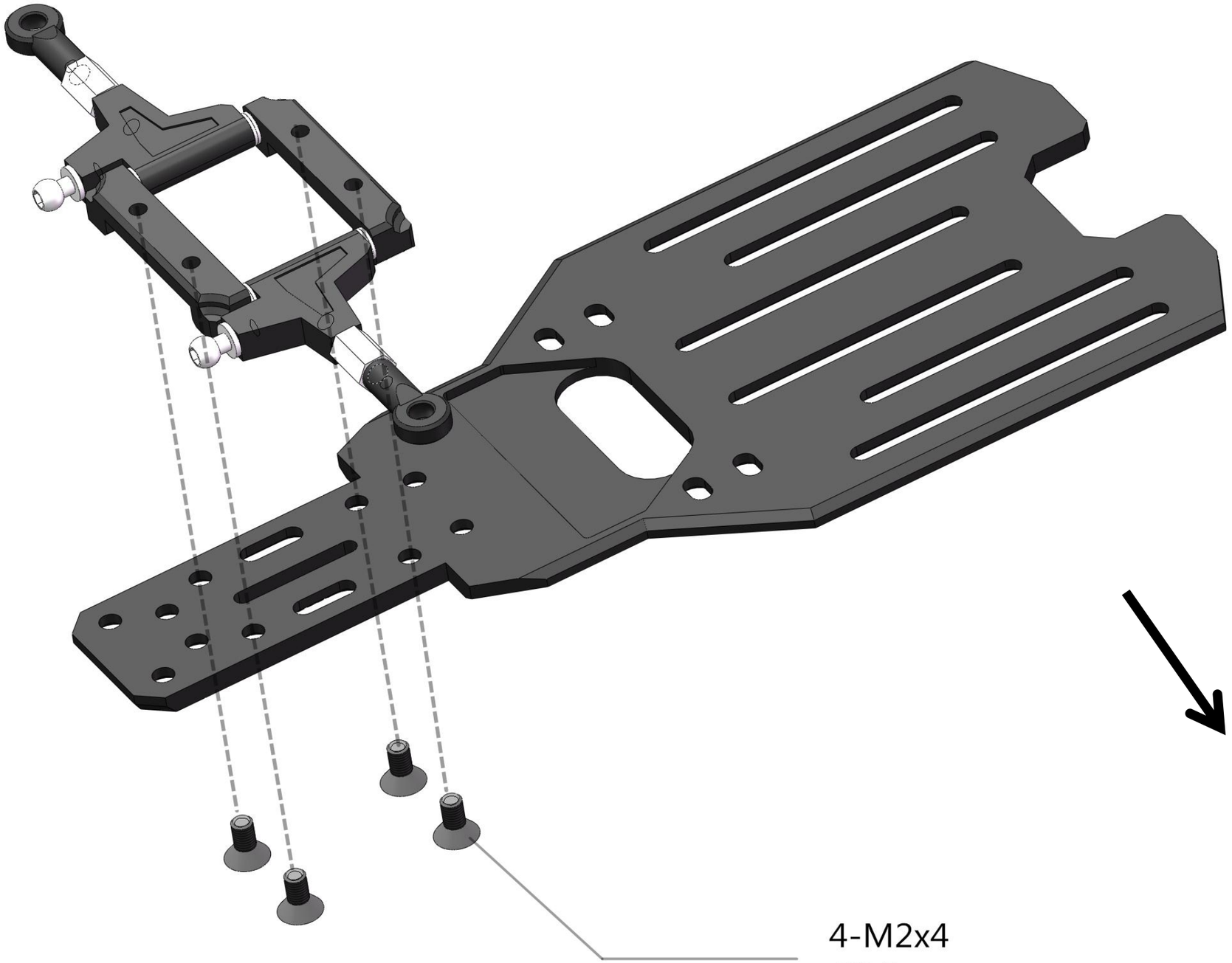
2-1.5x16
Pin

4-1.6x3x0.3
Shims

根据实际情况，可以更换或增加1.6x3x0.1垫片，
以顺畅为主，尽量减少间隙。
According to the actual situation, 1.6x3x0.1 gasket can be replaced or added,
Mainly smooth and minimize the gap.

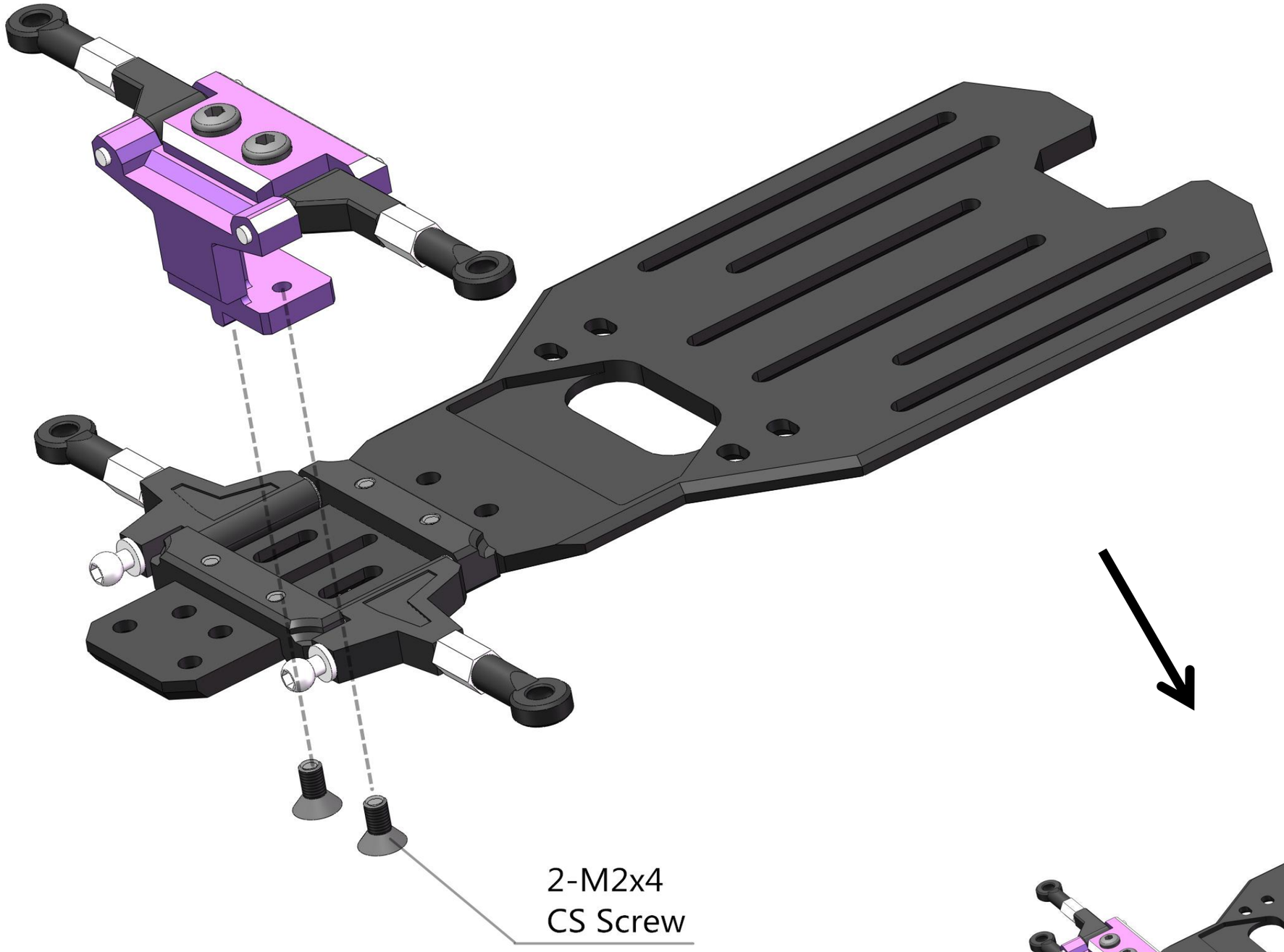
2-M2x3
Stud

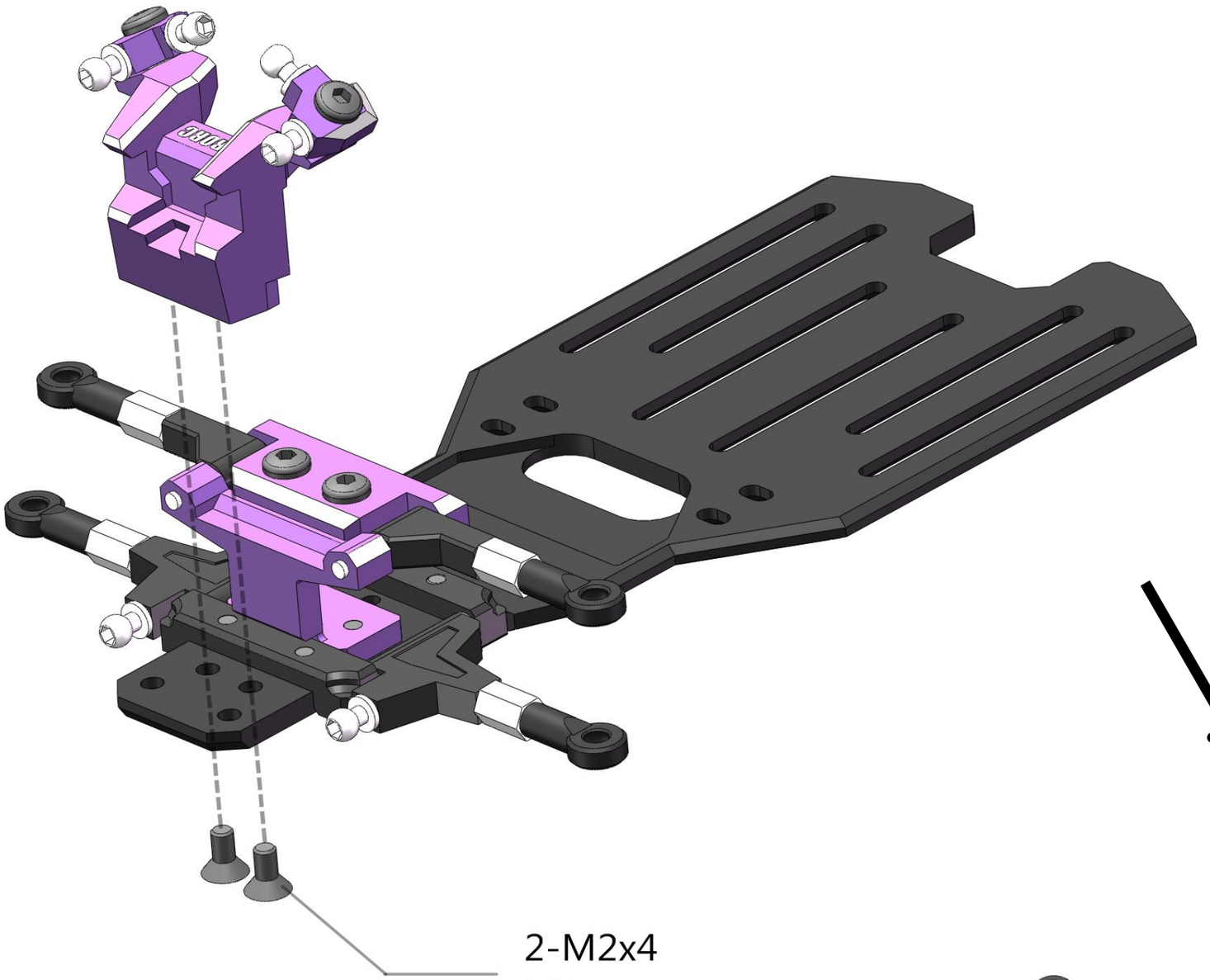
根据车壳宽度选择安装。
Select installation according to vehicle width.

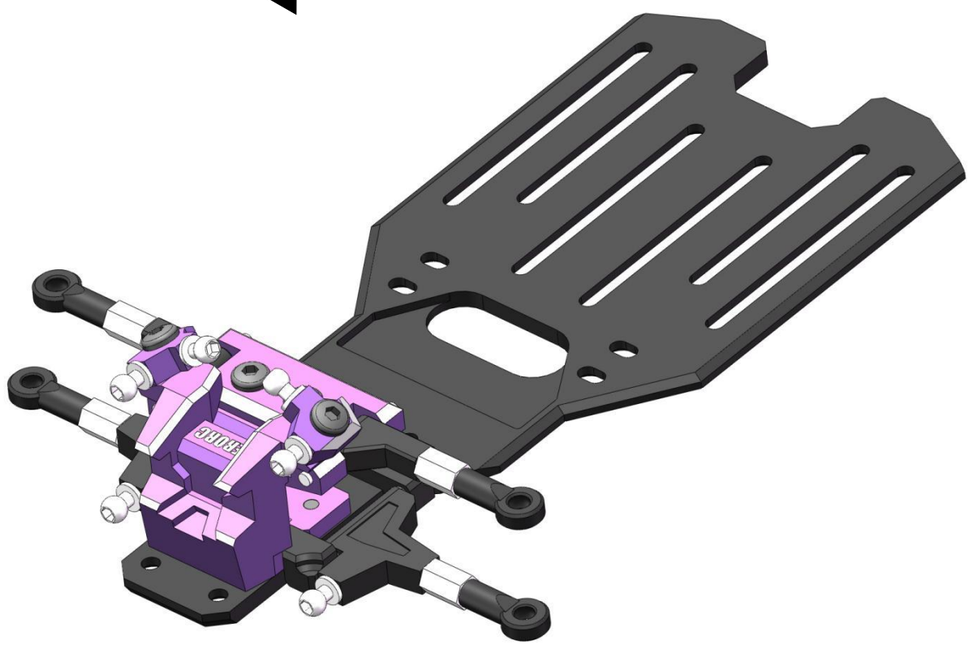


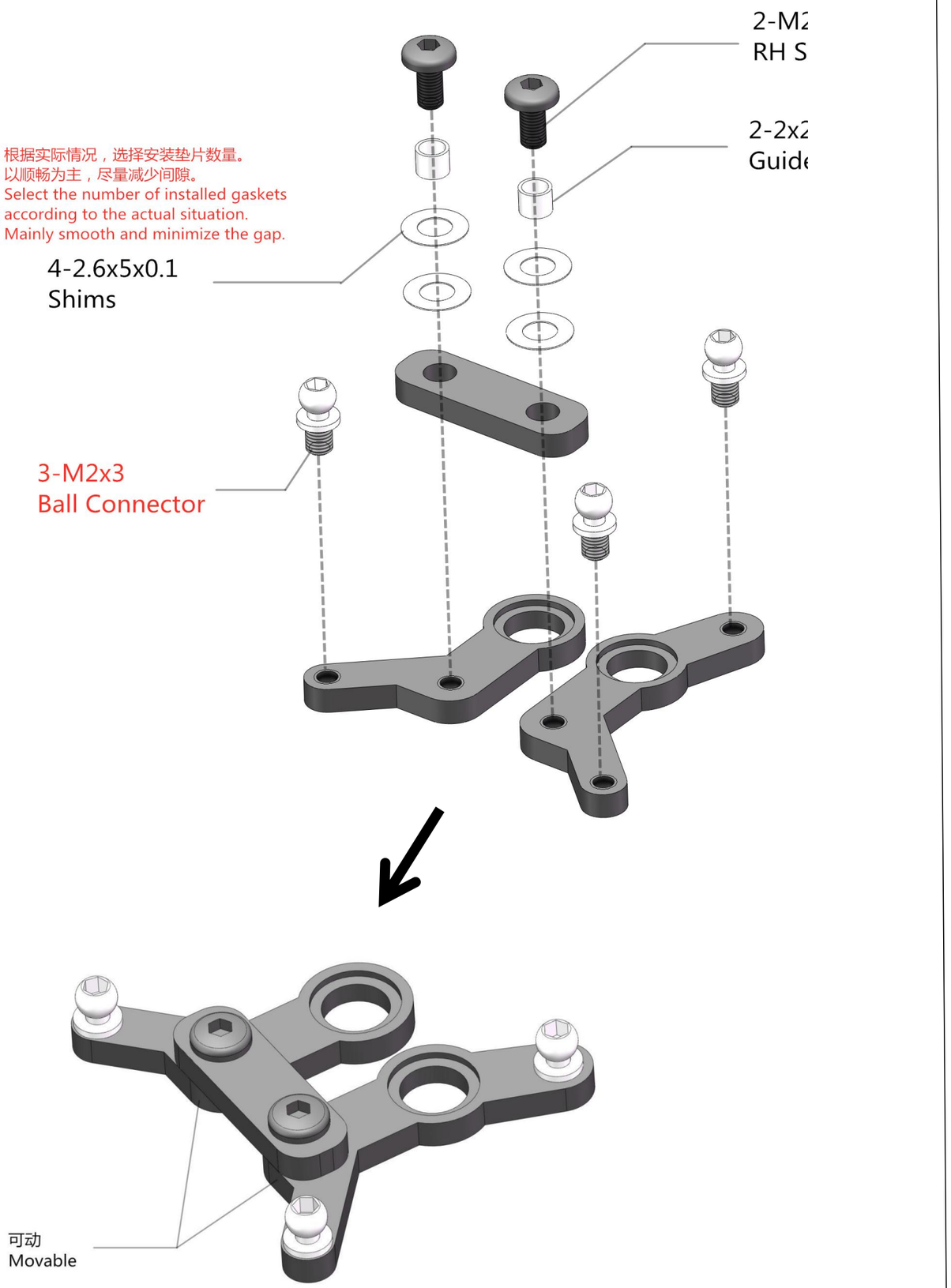
4-M2x4
CS Screw

以顺畅为主，用垫片调整最小间隙。
Mainly smooth, and adjust
the minimum clearance with shims.

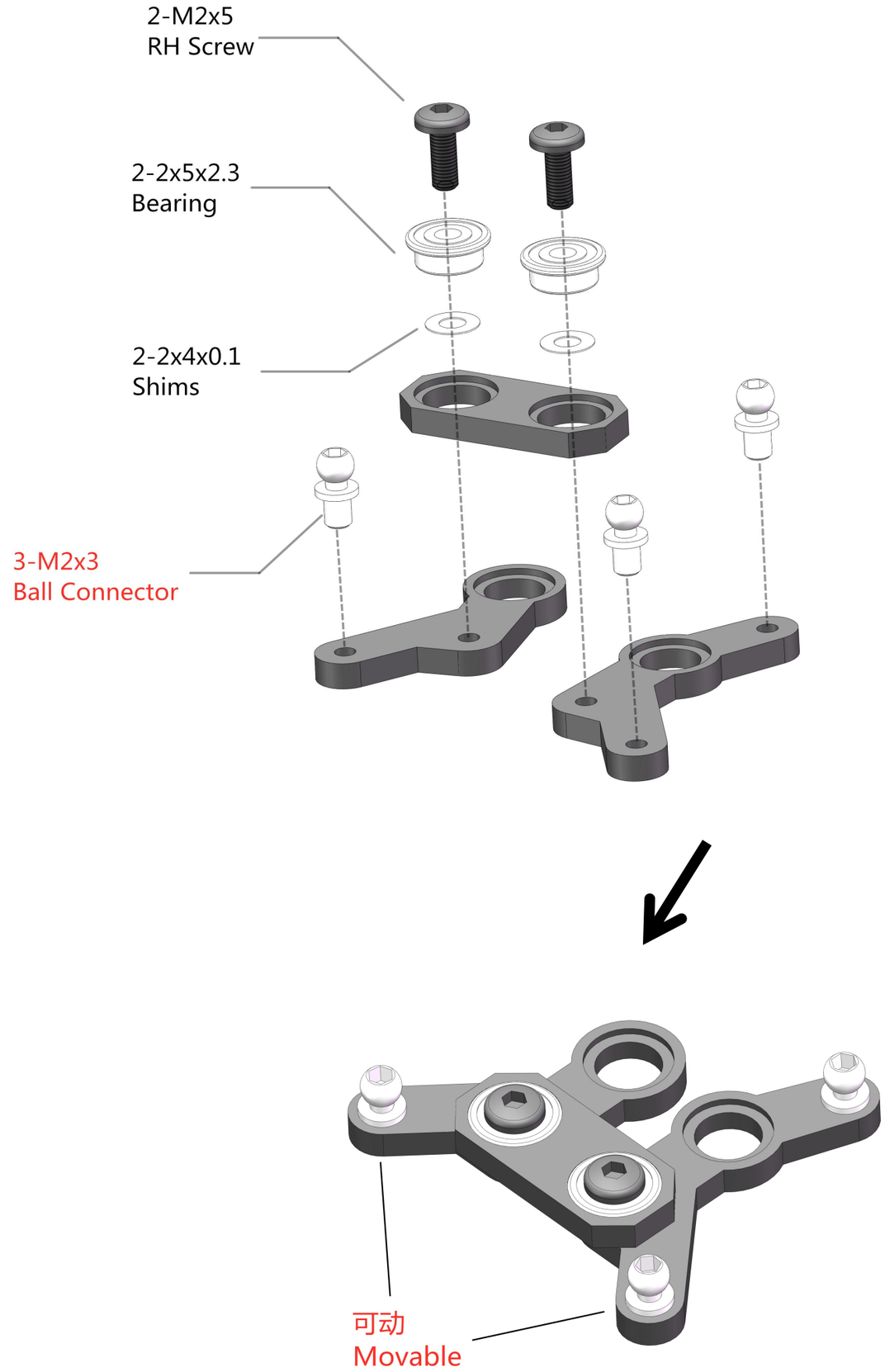

2-M2x4
CS Screw


2-M2x4
CS Screw

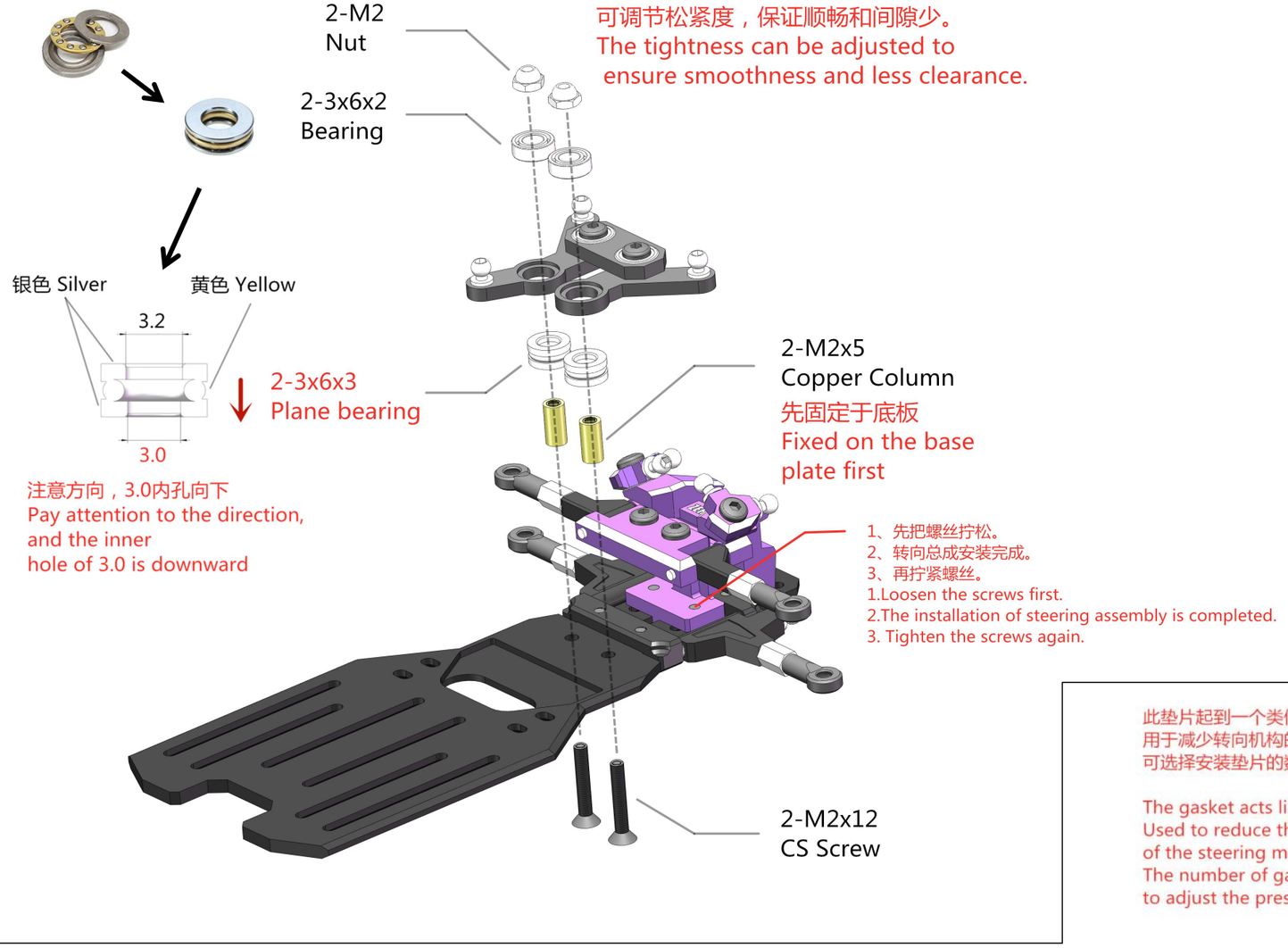




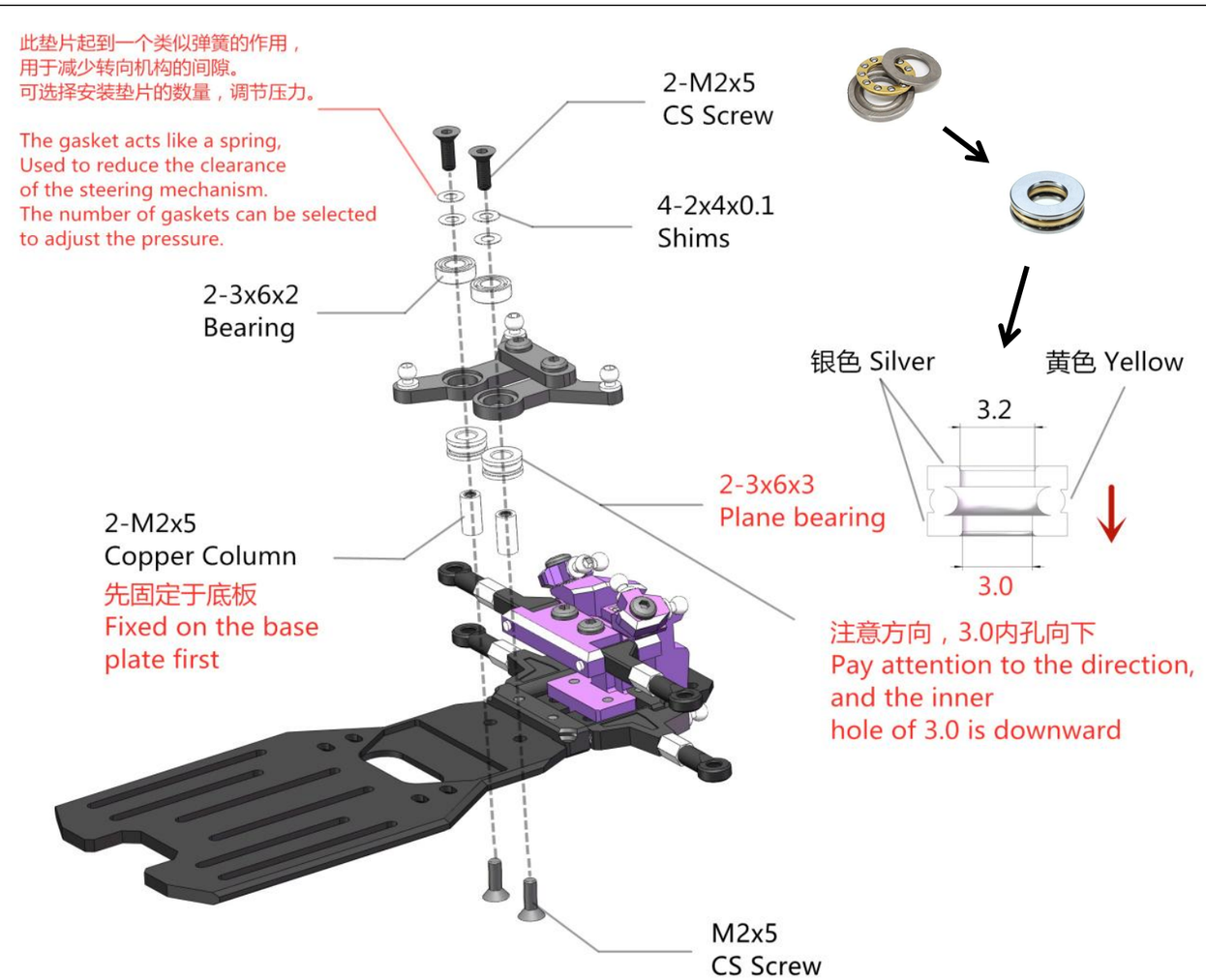
Optional bearing Steering



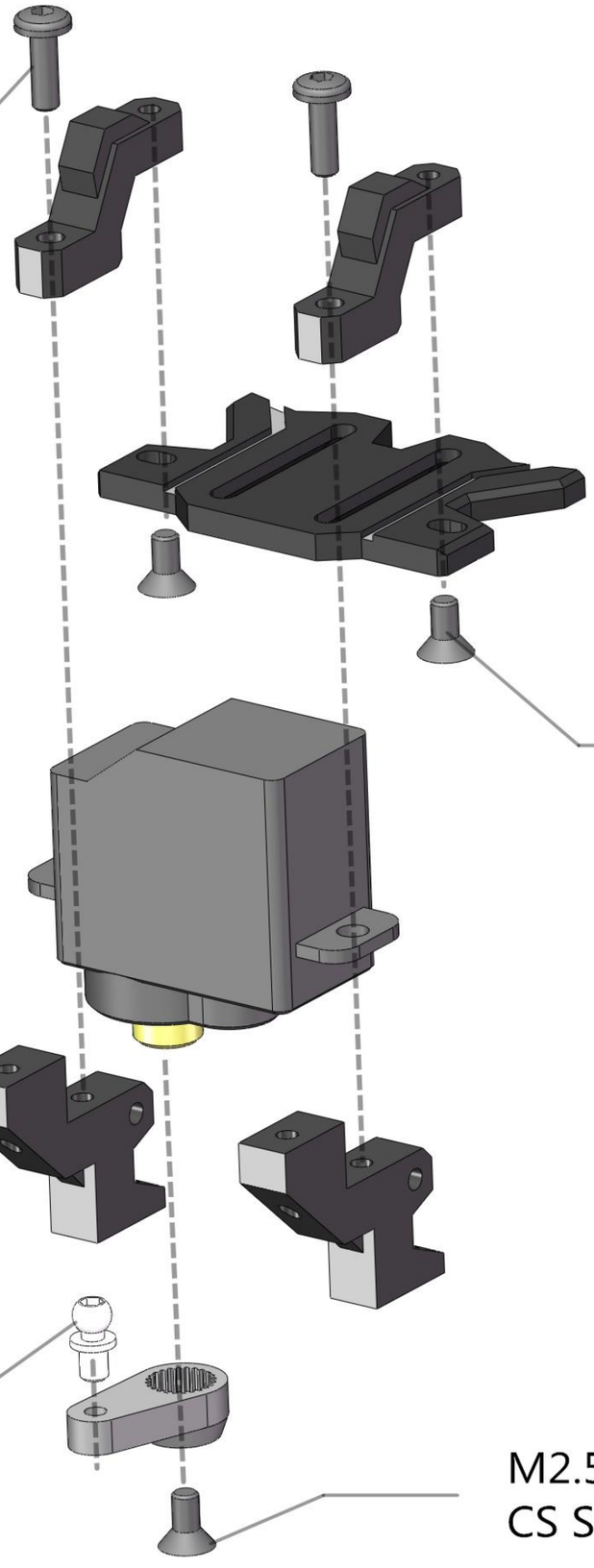
Installation scheme 1



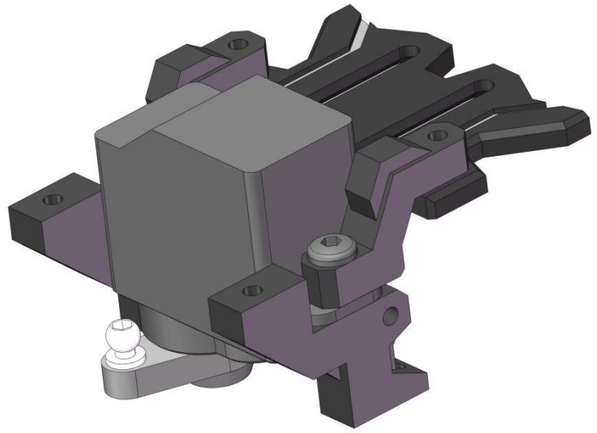
Installation scheme 2



2-M2x6
RH Screw



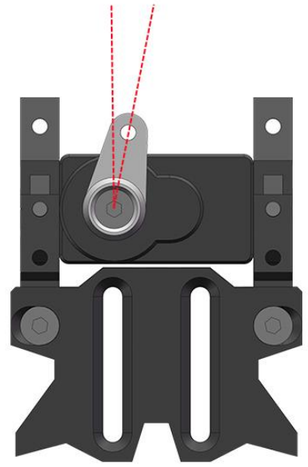
2-M2x4
CS Screw



M2x3
Ball Connector

M2.5x4
CS Screw

遥控回到中位，舵机臂角度偏右。
The remote control returns to the middle position,
and the steering arm angle is to the right.



顺时针安装
Clockwise installation

逆时针安装
Counterclockwise installation

M1.6x11
Short

7.5mm
2.5mm

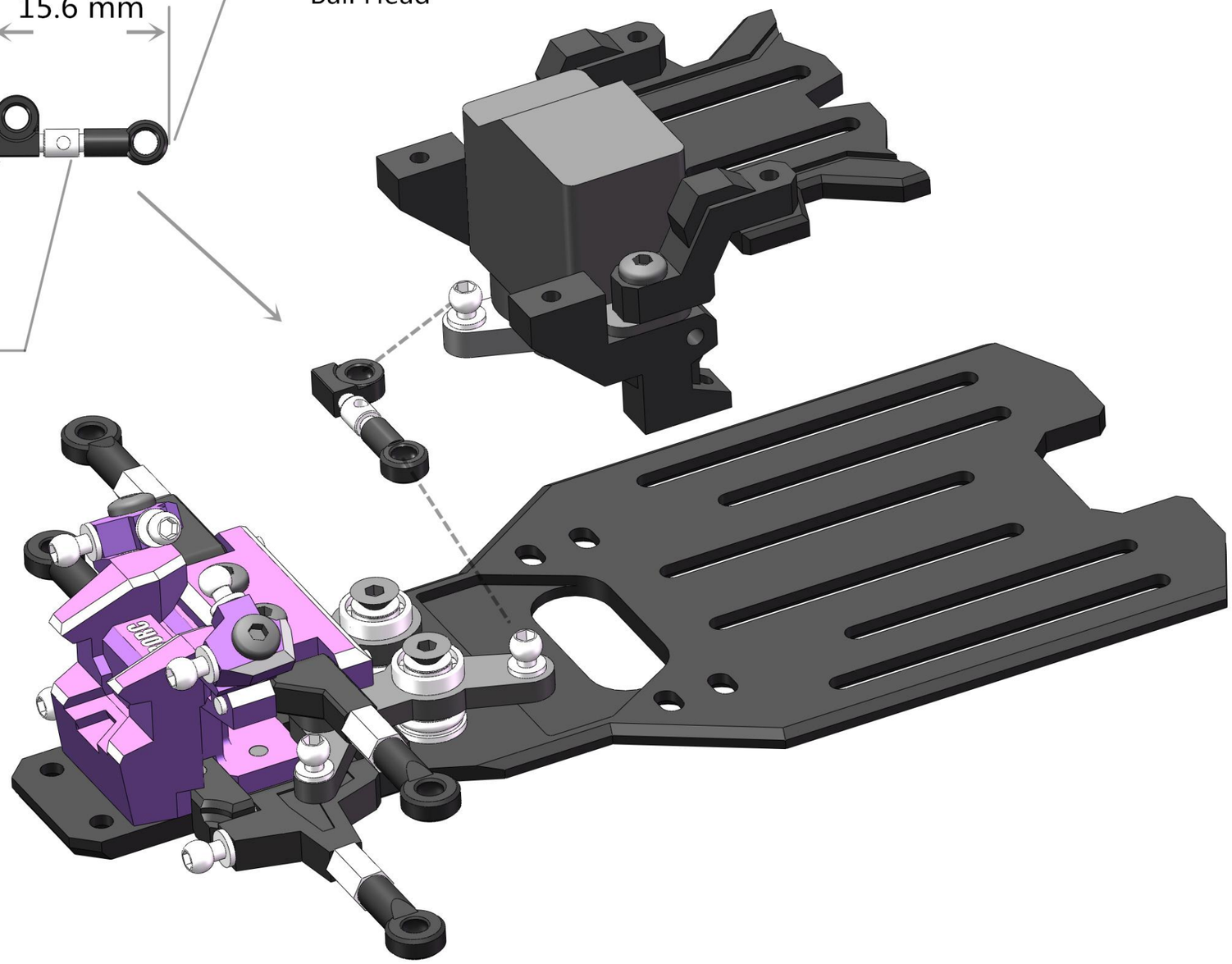
7.5mm
Ball Head

15.6 mm

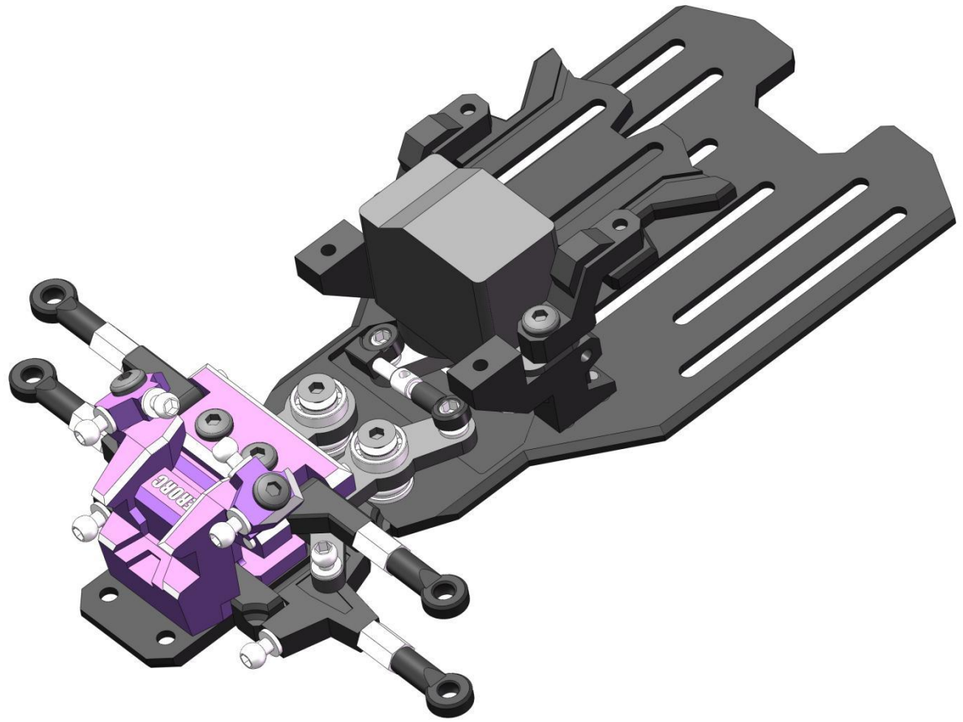
4mm

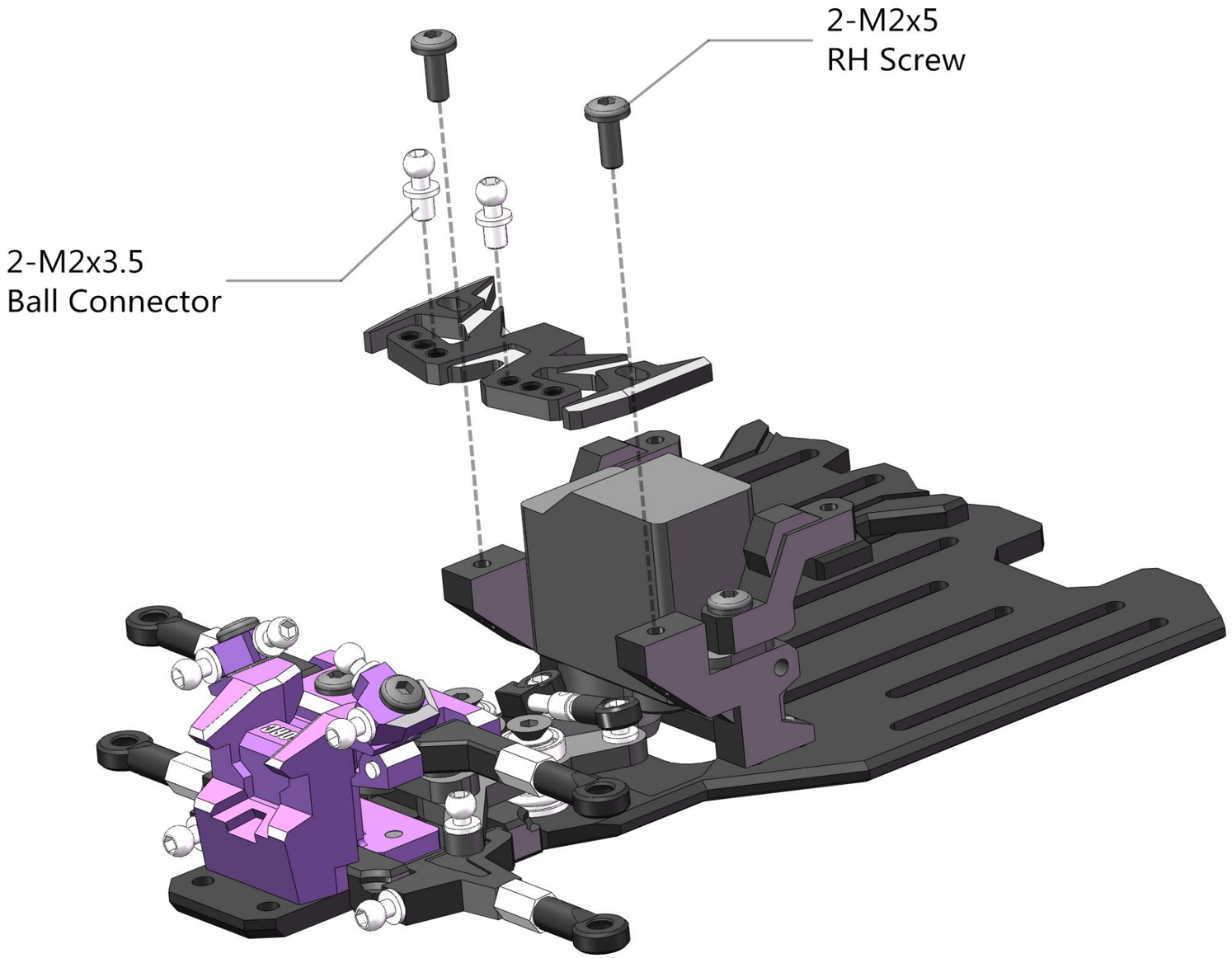
4mm
Ball Head

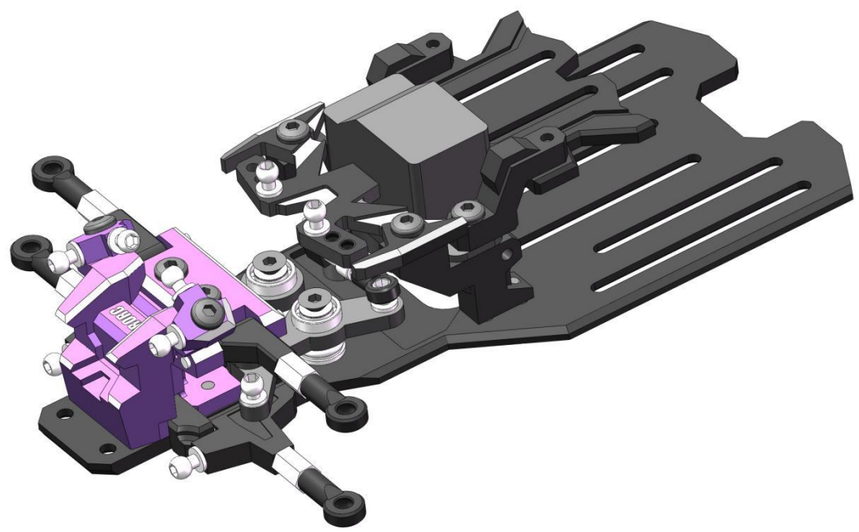
M1.6
Short

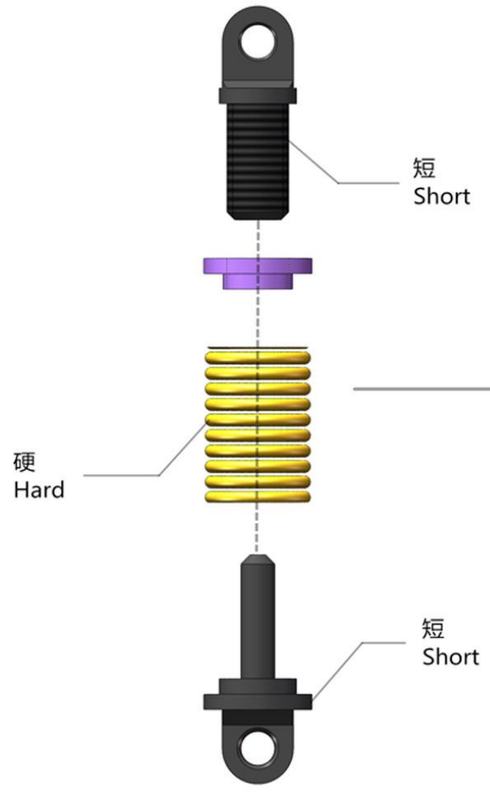


4-M2x4
CS Screw

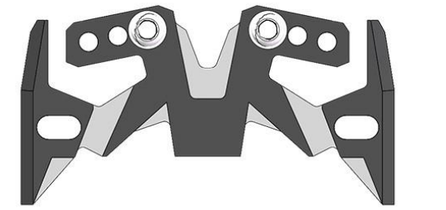



2-M2x5
RH Screw
2-M2x3.5
Ball Connector





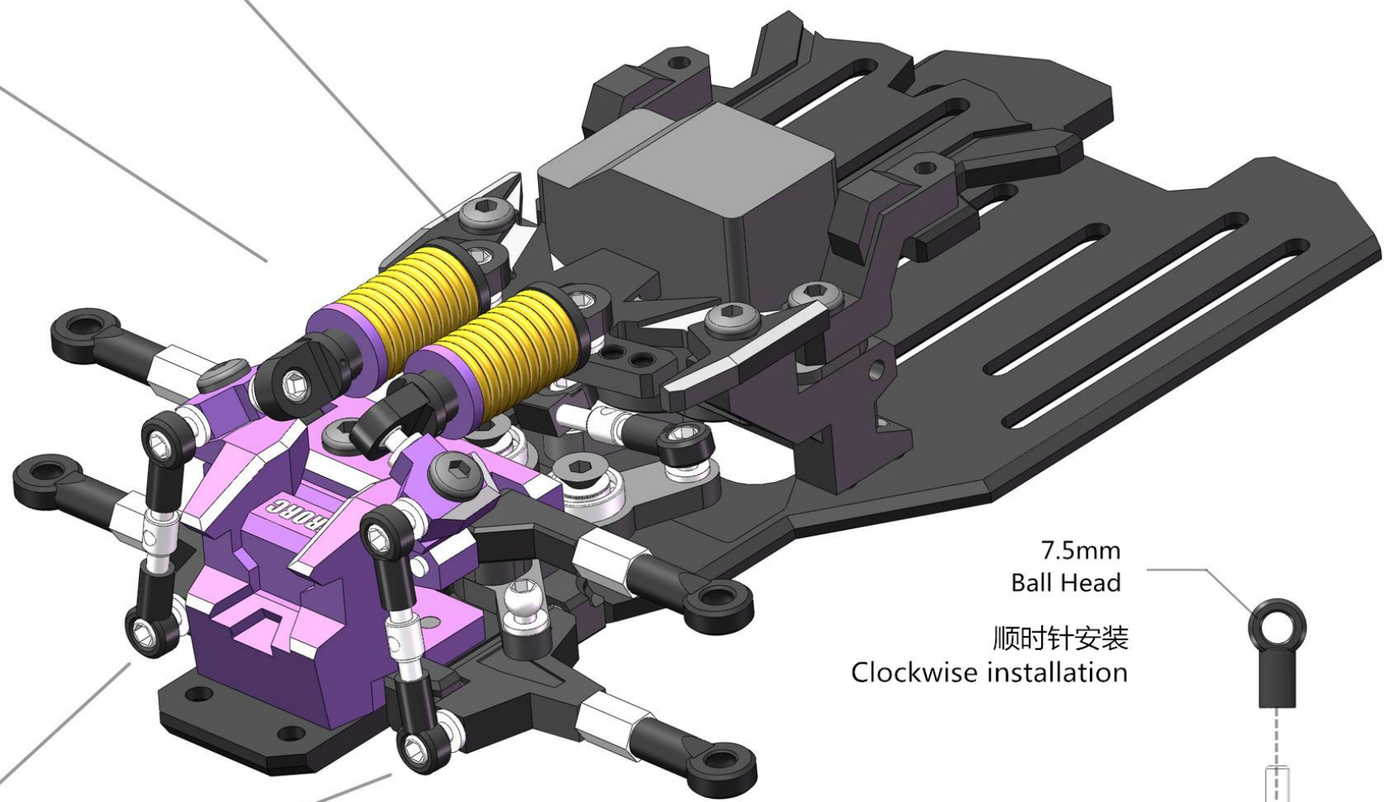
Handle the clamping line of the shock absorber rod to be smooth.
处理避震杆的合模线至光滑

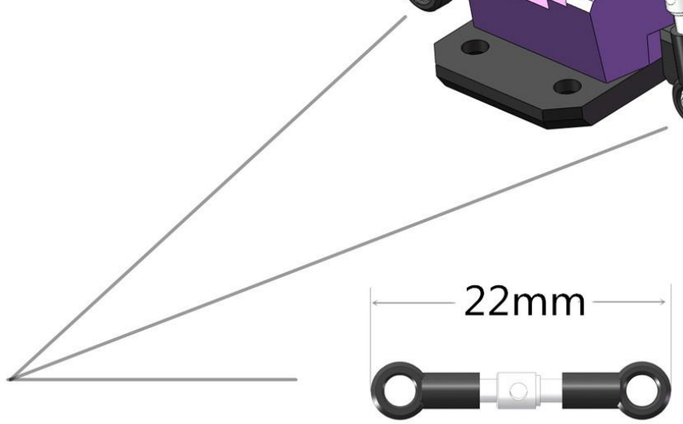


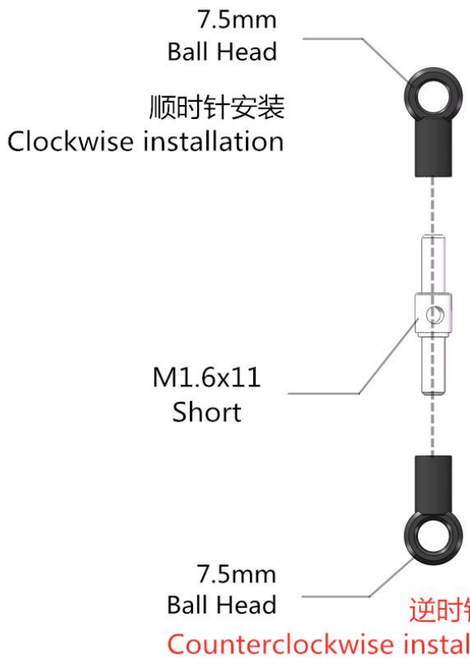
Shock absorber angle effect

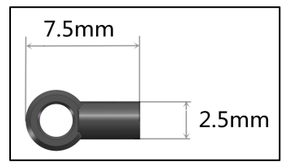
1. At the hole position close to the inside,
the turn in reaction is fast, and the out turn points to the outside.
2. At the hole position close to the outside,
the turn in reaction is slow, and the out turn points to the bend.

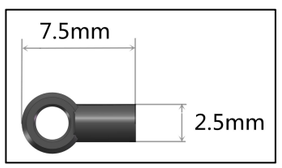
避震器角度效果
1、靠内的孔位，入弯反应快，出弯指向外弯。
2、靠外的孔位，入弯反应慢，出弯指向内弯。

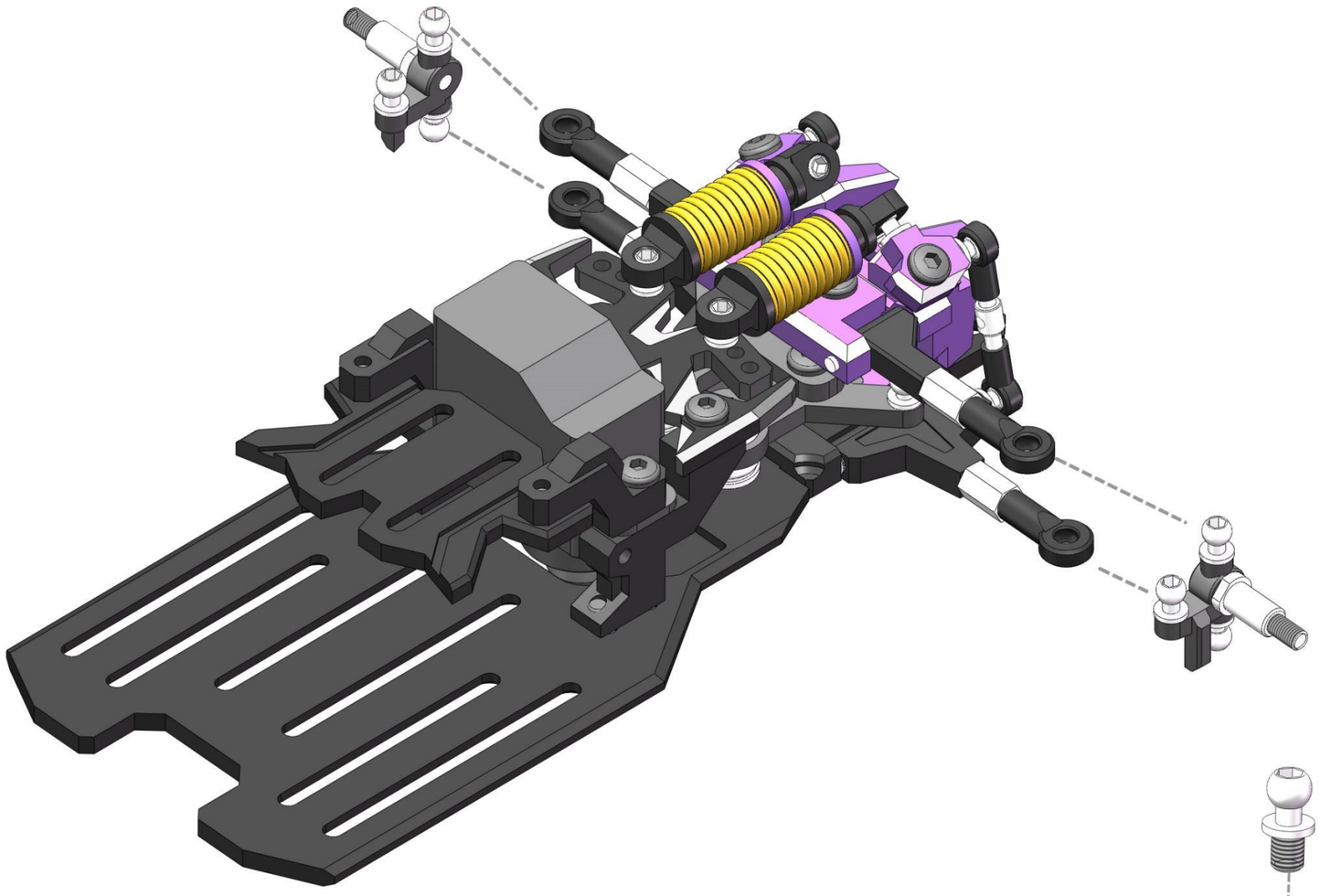


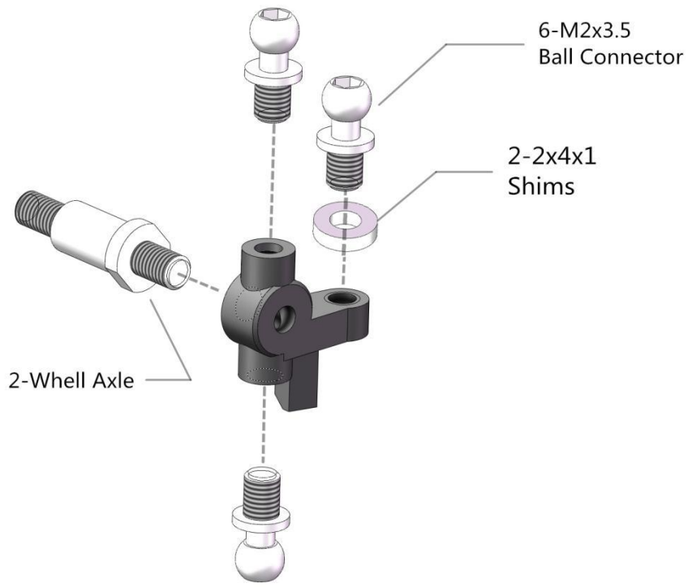


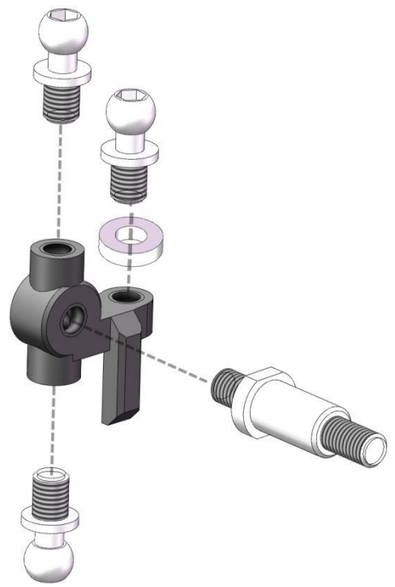









6-M2x3.5
Ball Connector
2-2x4x1
Shims
2-Whell Axle



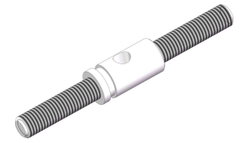
M2x3
Stud

调整车宽后，转向拉杆参考值：
After adjusting the vehicle width,
the reference value of steering tie rod:

Stud 3mm=21.3mm（Original factory原厂）
Stud 4mm=22.5mm

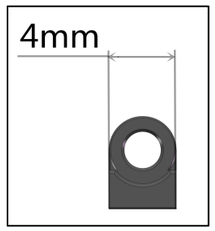
以下参数需要使用OP件-加长拉杆。
The following parameters require
the use of OP parts - extended tie rods.

Stud 5mm=23mm
Stud 6mm=23.8mm
Stud 7mm=24.5mm



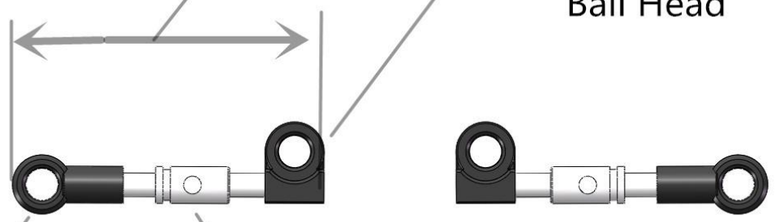
Optinonal 17mm tie rod

根据车宽调整。
Adjust according to
the body width.



逆时针安装
Counterclockwise installation

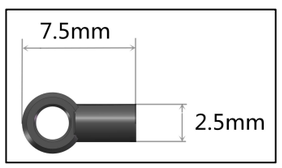
2-4mm
Ball Head

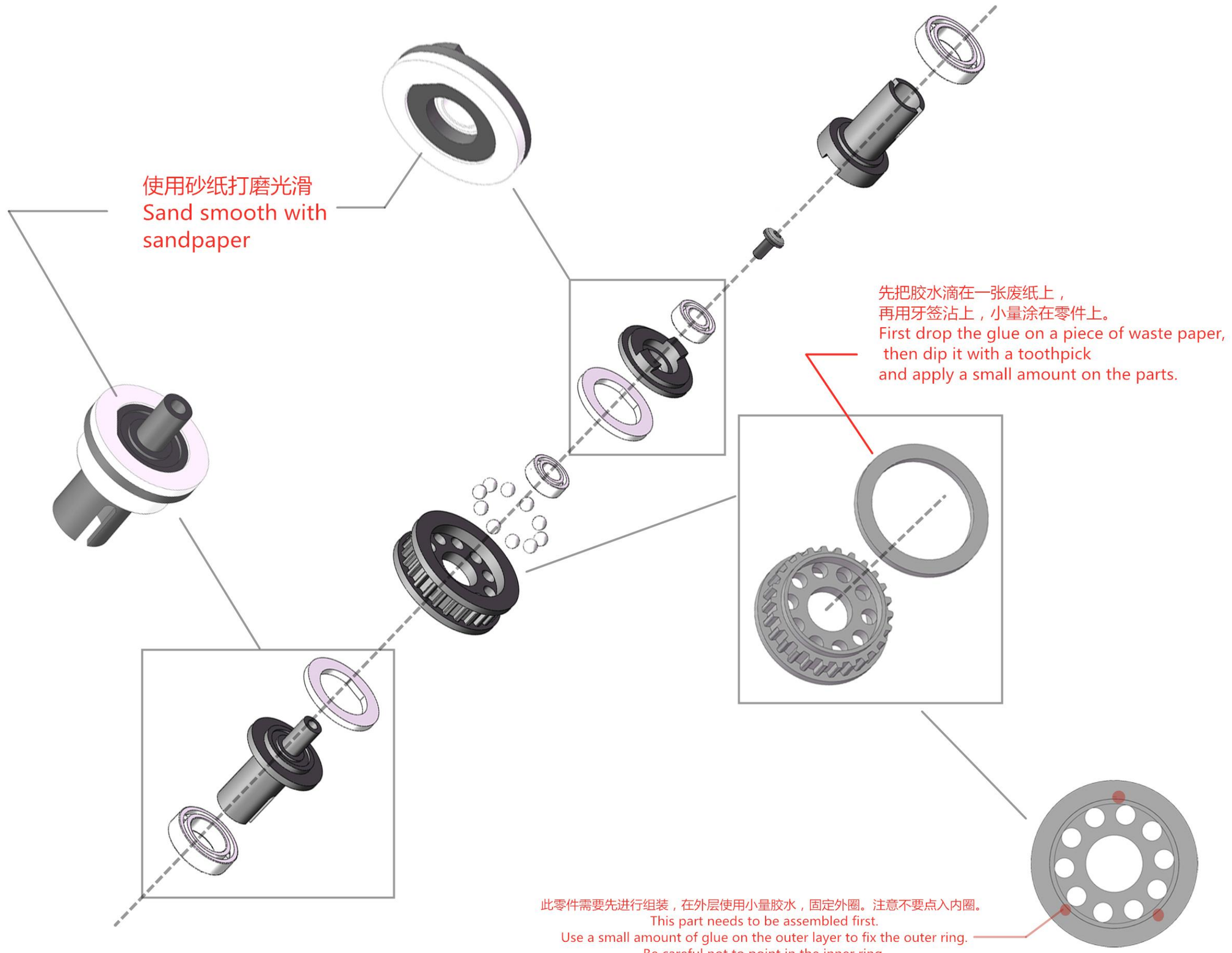


顺时针安装
Clockwise installation

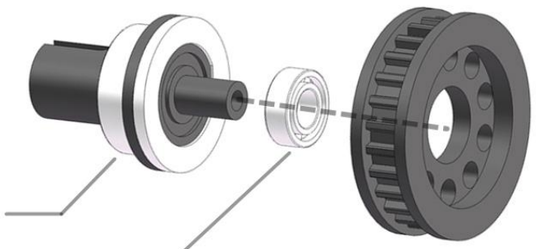
2-7.5mm
Ball Head

2-M1.6x13
Long



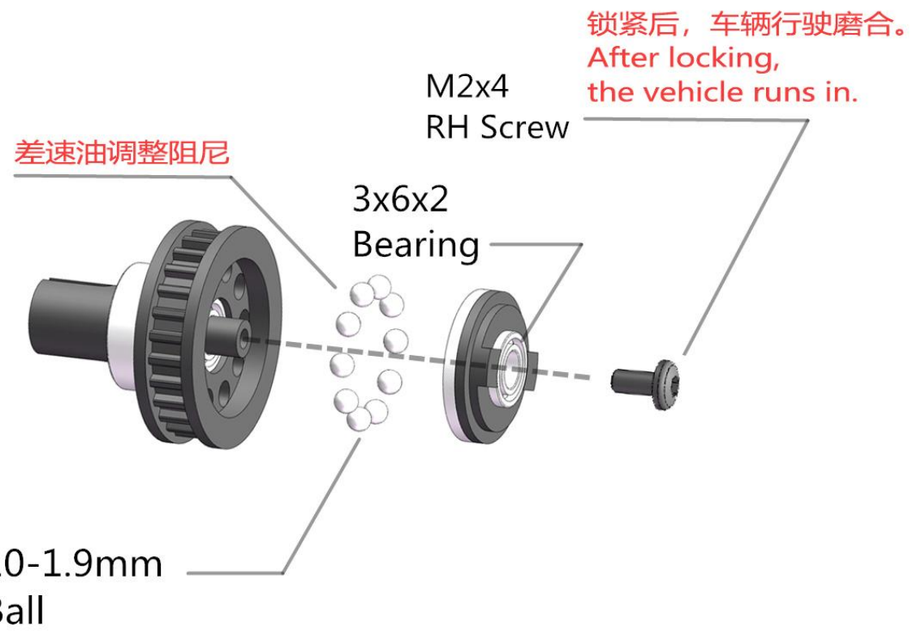

使用砂纸打磨光滑
Sand smooth with
sandpaper
先把胶水滴在一张废纸上，
再用牙签沾上，小量涂在零件上。
First drop the glue on a piece of waste paper,
then dip it with a toothpick
and apply a small amount on the parts.
此零件需要先进行组装，在外层使用小量胶水，固定外圈。注意不要点入内圈。
This part needs to be assembled first.
Use a small amount of glue on the outer layer to fix the outer ring.
Be careful not to point in the inner ring.

Differential mechanism
差速器



6x10x2.5
Bearing

3x6x2
Bearing



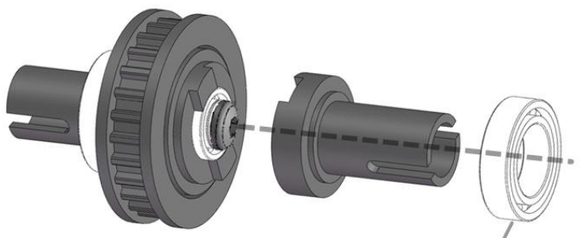
锁紧后，车辆行驶磨合。
After locking,
the vehicle runs in.

M2x4
RH Screw

差速油调整阻尼

3x6x2
Bearing

10-1.9mm
Ball

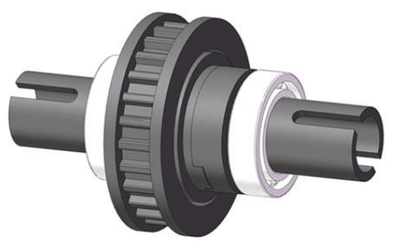


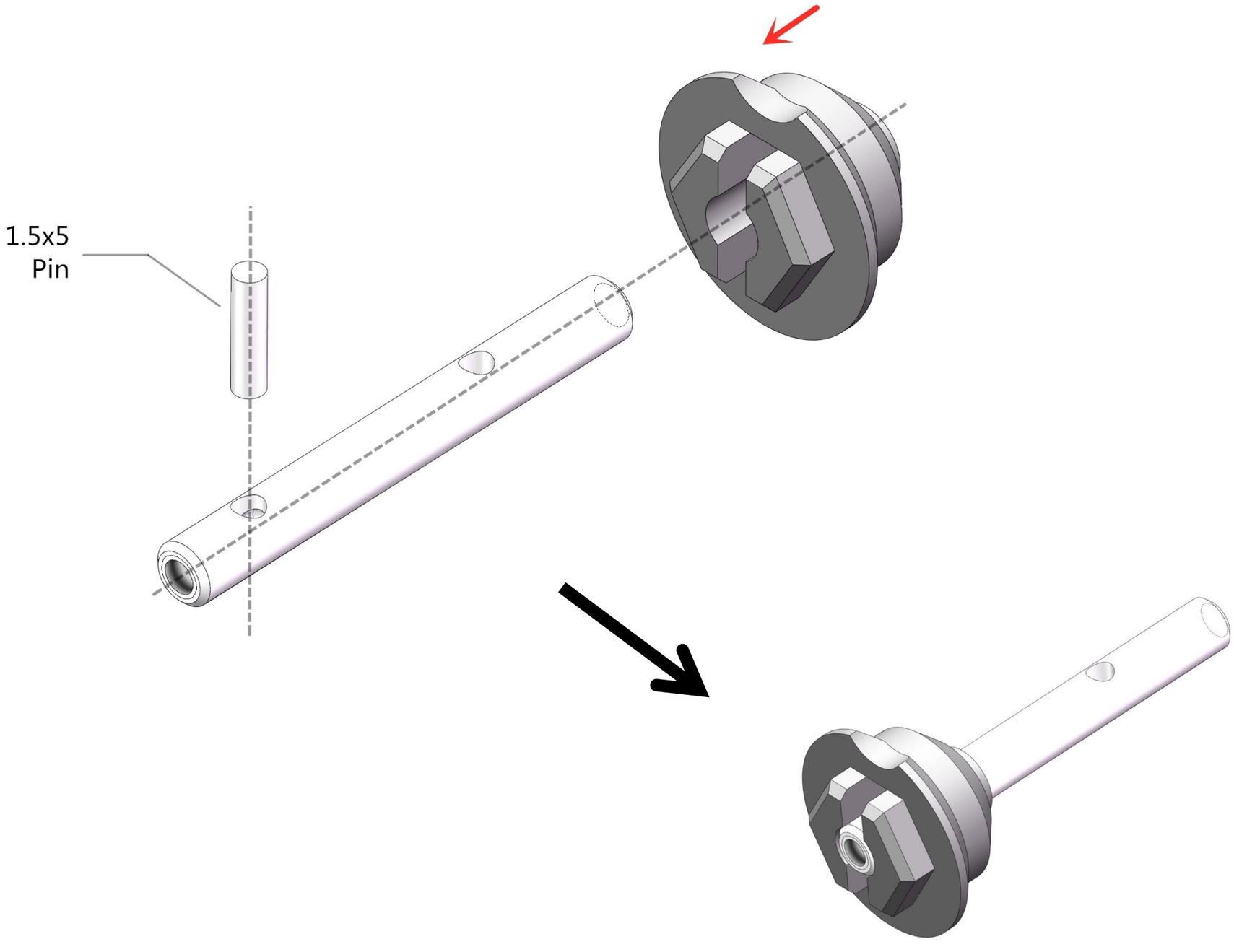
6x10x2.5
Bearing

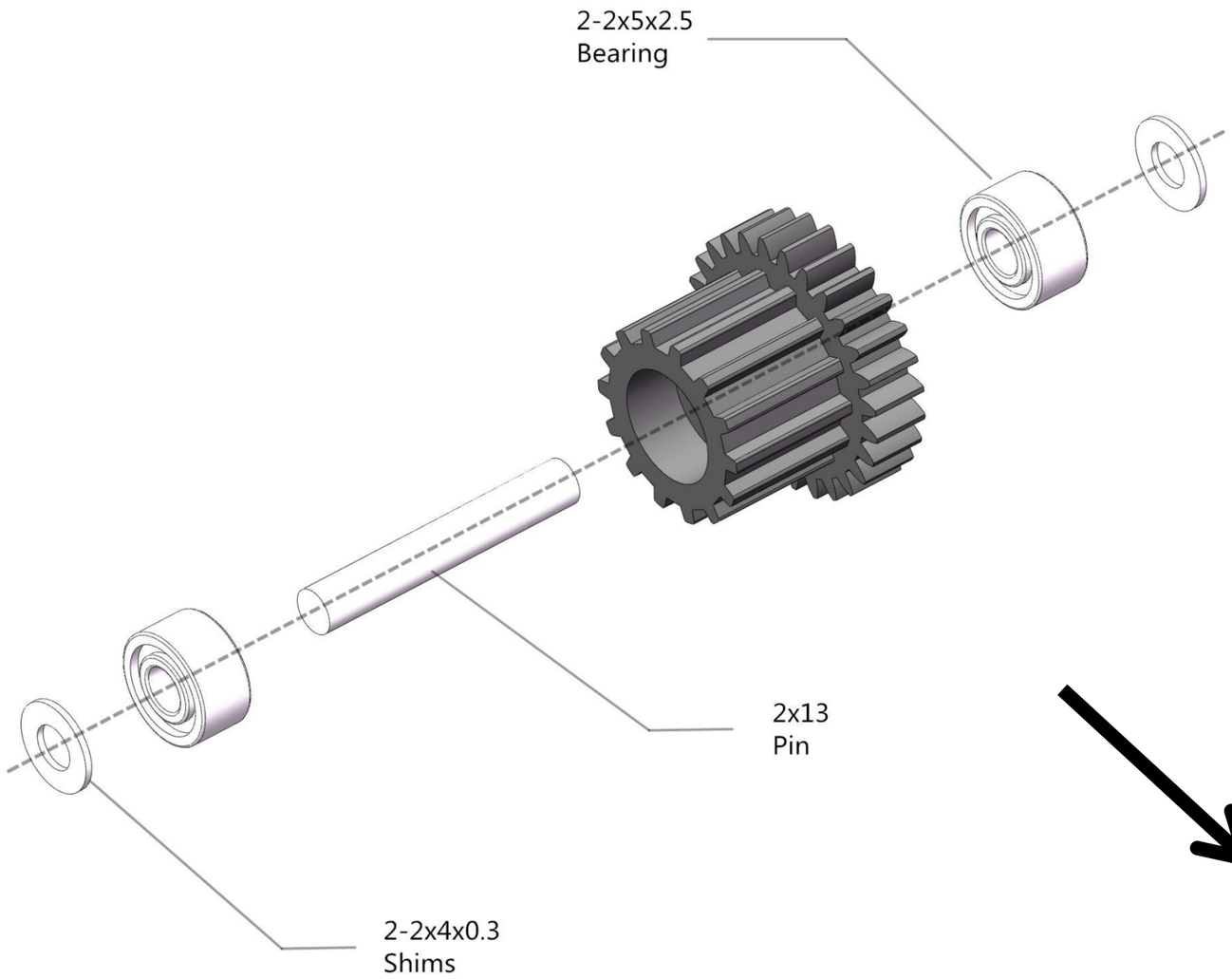
Description of differential damping effect
差速器阻尼效果说明

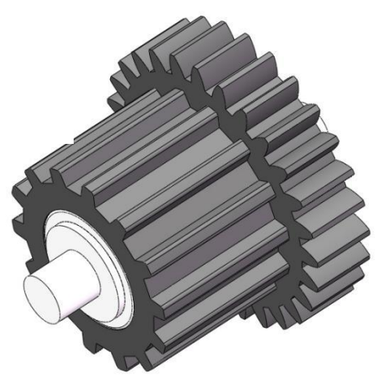
1. The damping effect is large, the rear of the vehicle is easy to adjust the angle, and the vehicle accelerates slowly.
2. The damping effect is small, it is difficult to adjust the angle at the rear of the vehicle, and the vehicle accelerates quickly. (differential oil is not recommended)

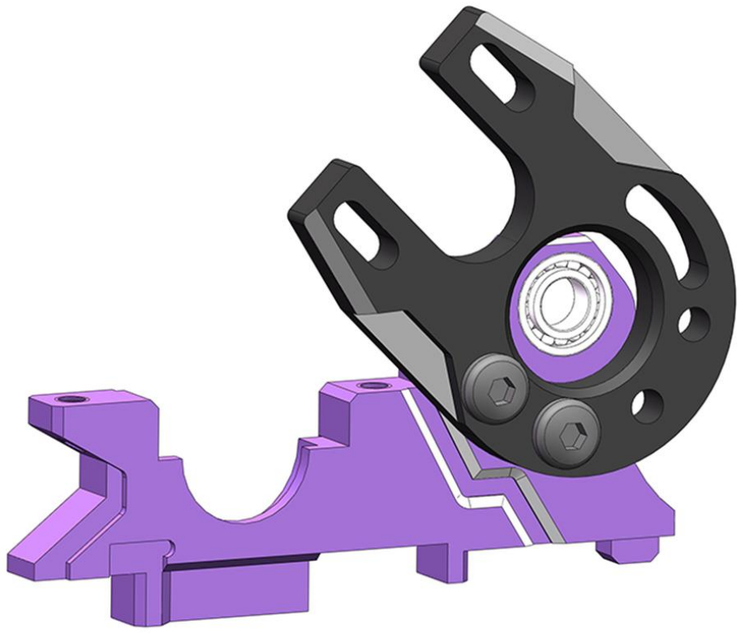
1、阻尼效果大，车尾调整角度容易，车辆加速慢。
2、阻尼效果小，车尾调整角度困难，车辆加速快。(推荐不使用差速油)




1.5x5
Pin


2-2x5x2.5
Bearing
2x13
Pin
2-2x4x0.3
Shims



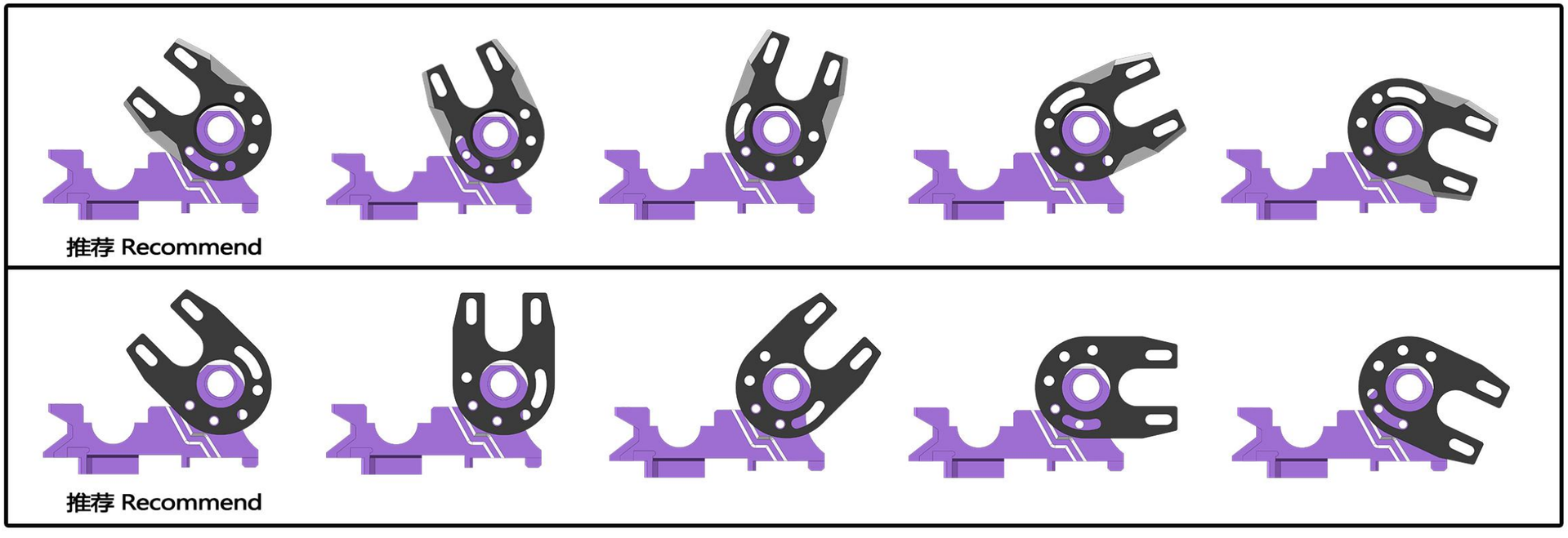


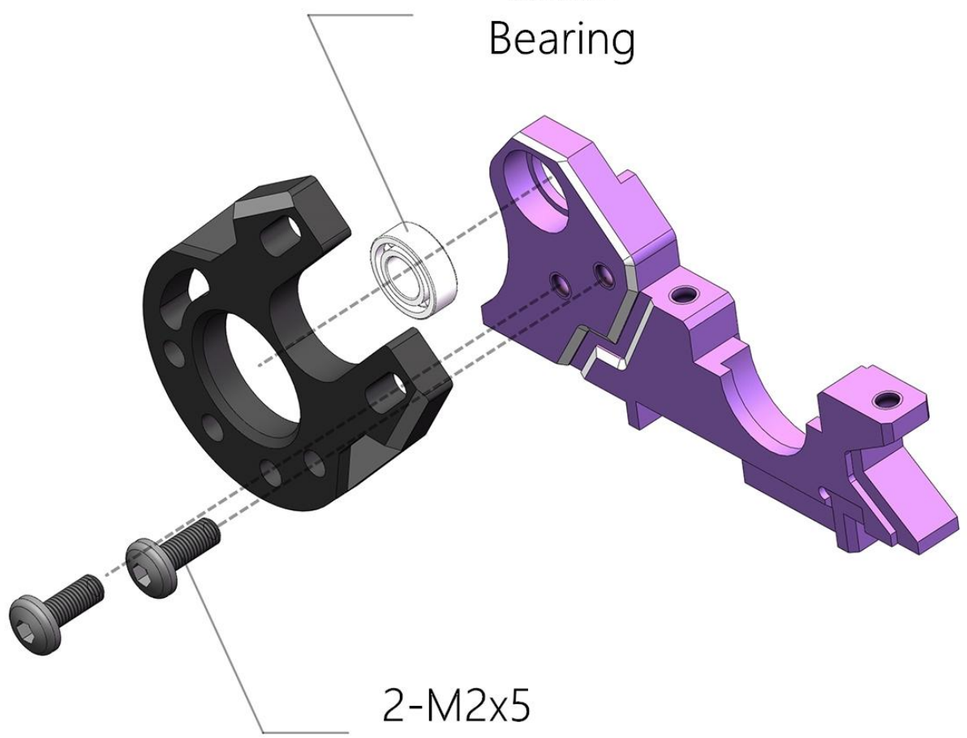
Motor installation mode
电机安装方式

1. When the motor is behind, the vehicle accelerates quickly and the initial reaction at the rear of the vehicle is slow.
2. The motor moves forward, the vehicle accelerates slowly, and the initial reaction at the rear of the vehicle is fast.
3. The motor is set high, the initial response at the rear of the vehicle is fast, and the stop drift state is fast.
4. When the motor is set low, the tail reacts slowly and stops drifting slowly.

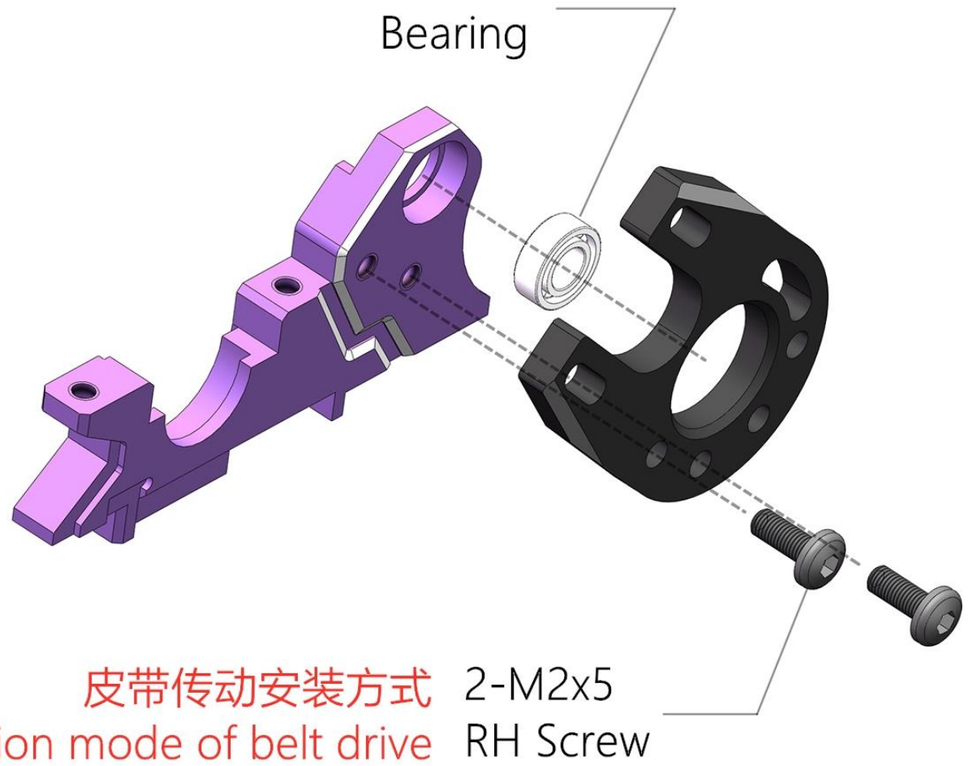
1、电机靠后，车辆加速快，车尾起始反应慢。
2、电机靠前，车辆加速慢，车尾起始反应快。
3、电机高置，车尾起始反应快，停止漂移状态快。
4、电机低置，车尾起反应始慢，停止漂移状态慢。

可正反面安装，10个角度。
Can be installed in front and back, 10 angles.

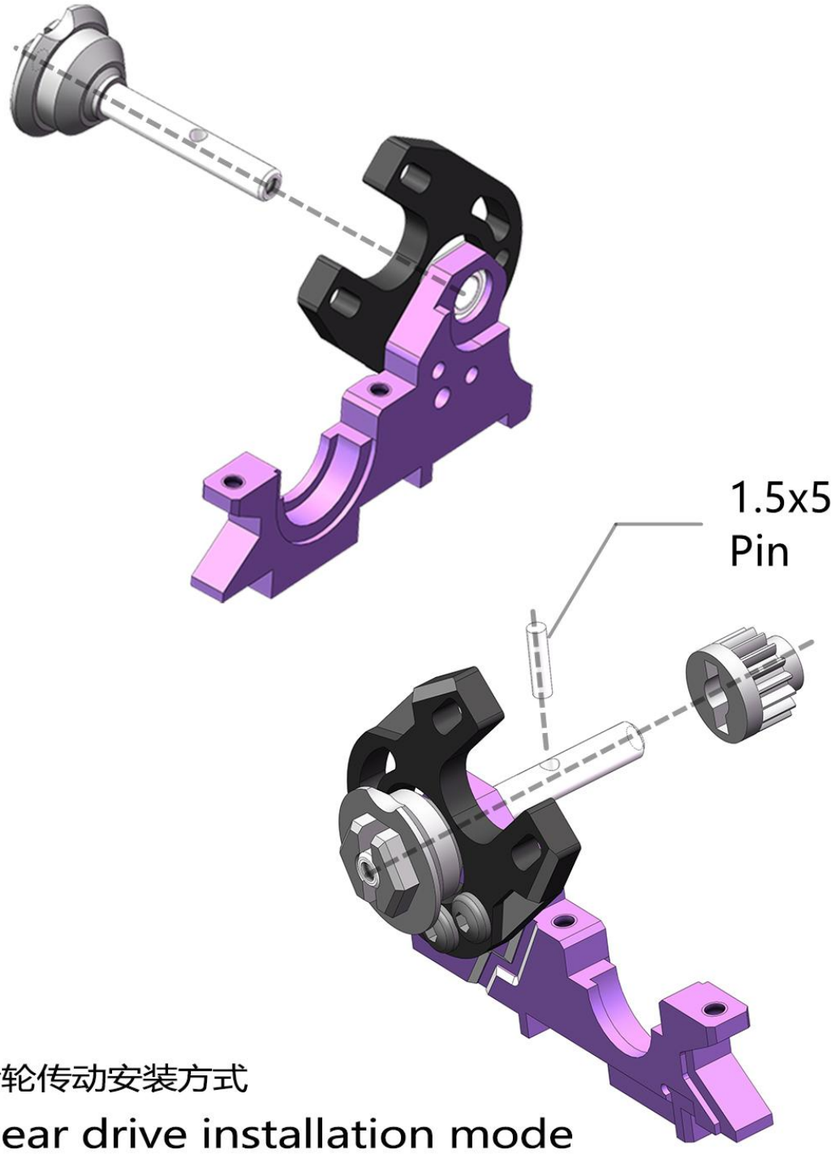




齿轮传动安装方式
Gear drive installation mode



皮带传动安装方式
Installation mode of belt drive

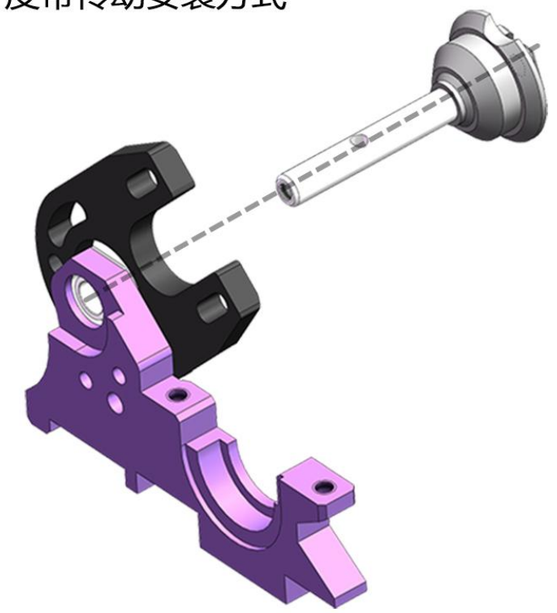


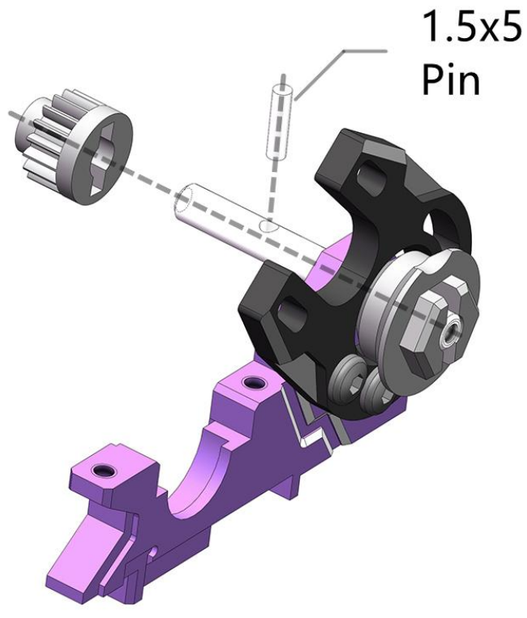
齿轮传动安装方式

Gear drive installation mode

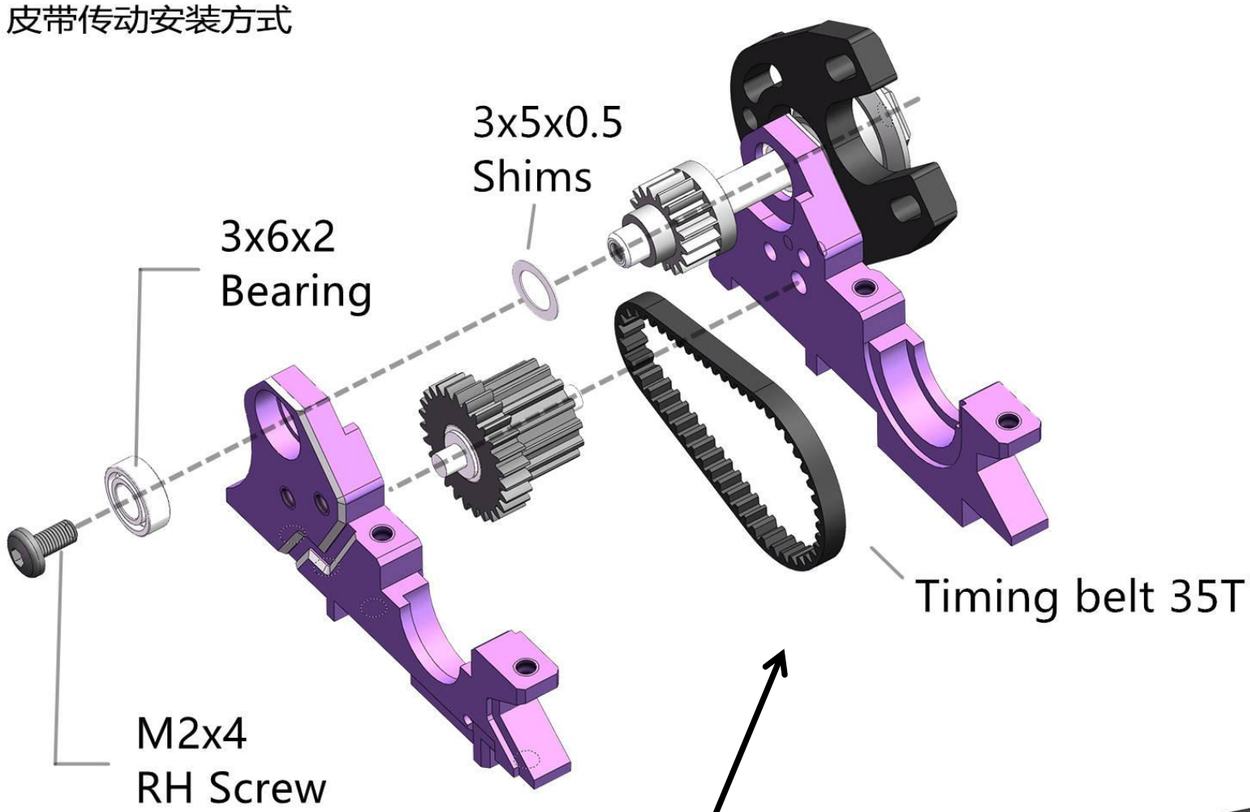
Belt drive Installation mode

皮带传动安装方式





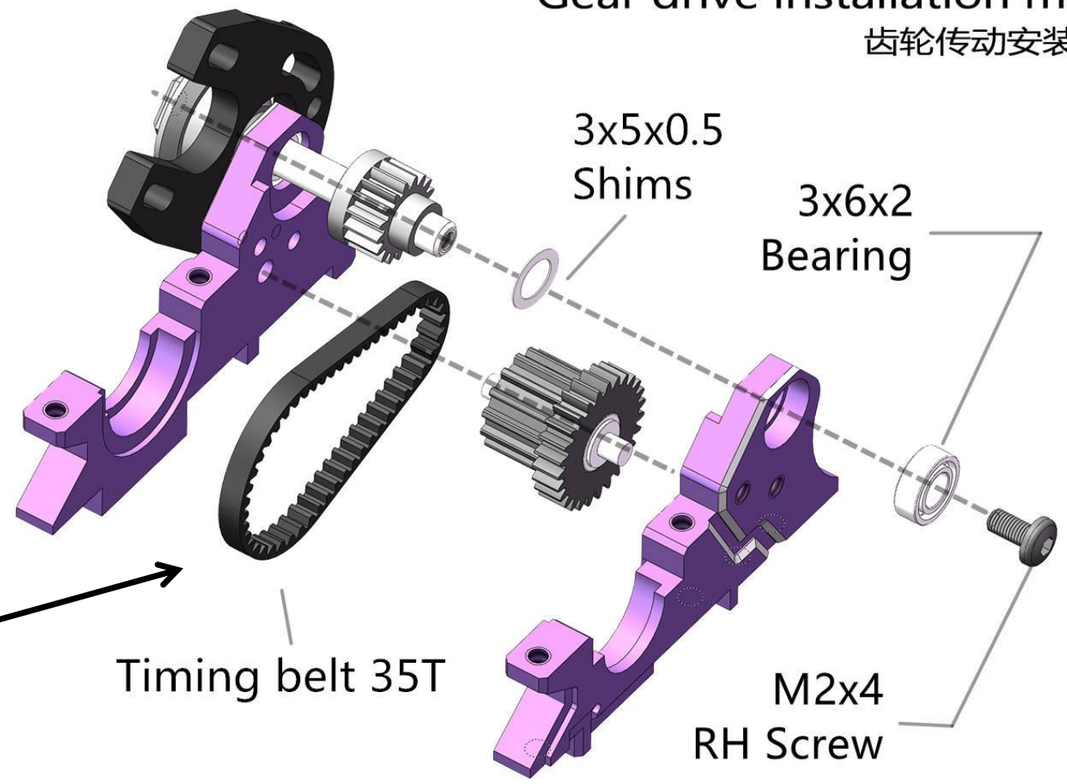
Belt drive Installation mode
皮带传动安装方式



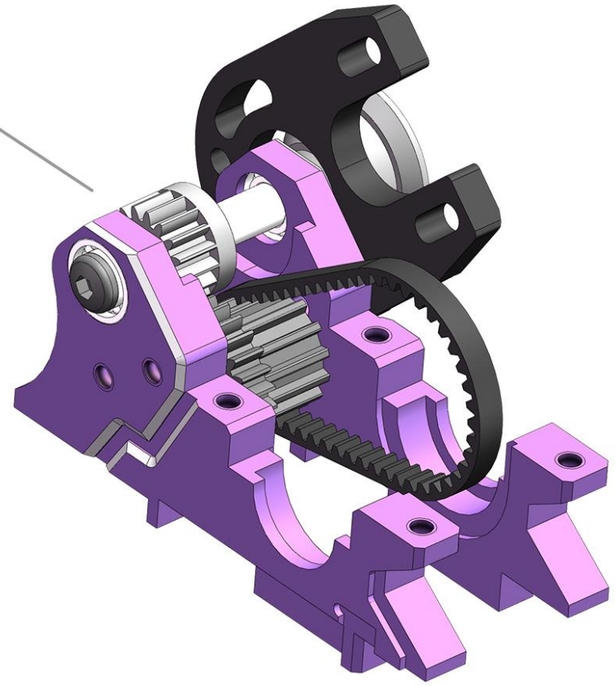
可增加顺畅度
Can increase smoothness

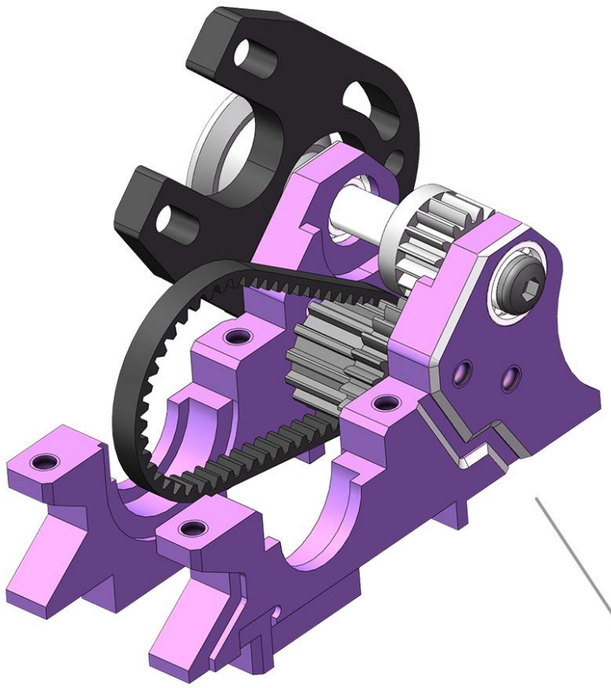
Optional Timing belt 36T

Gear drive installation mode
齿轮传动安装方式

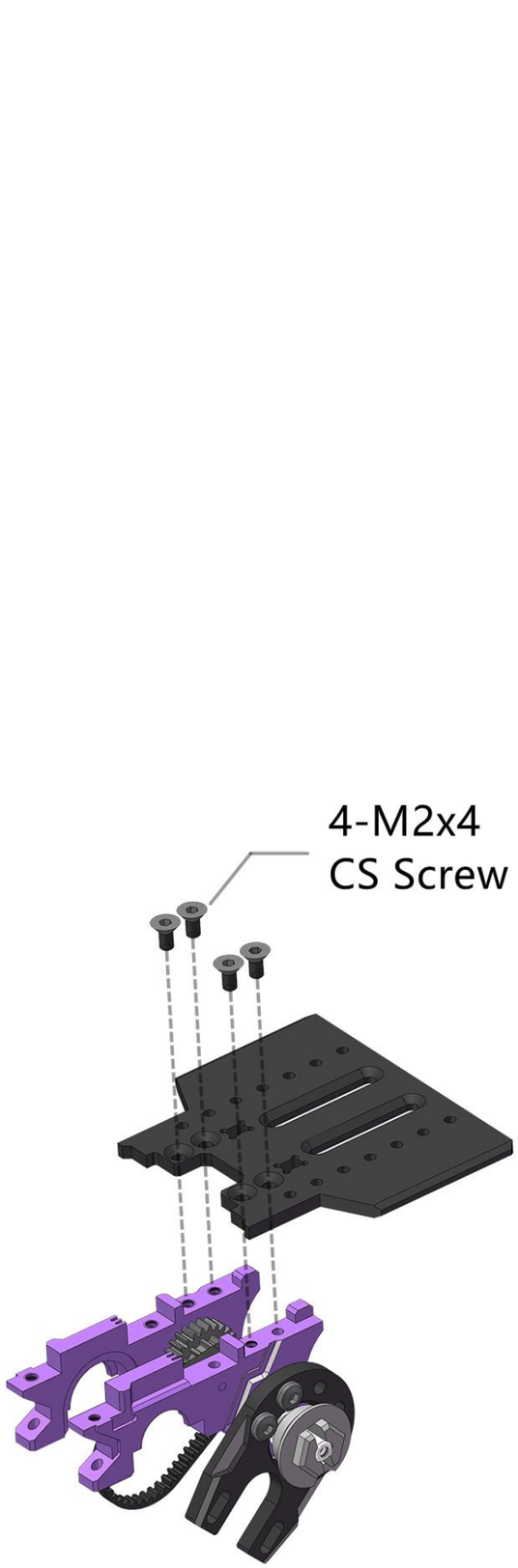


Belt drive Installation mode
皮带传动安装方式

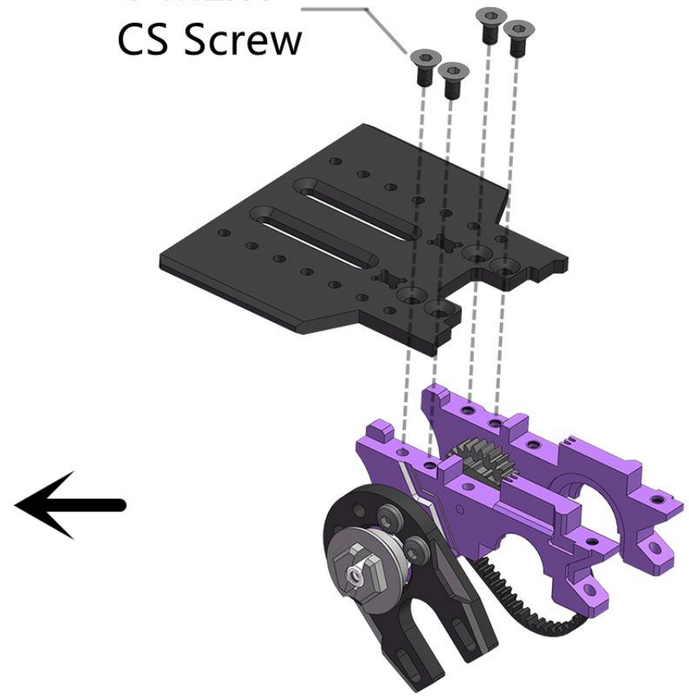


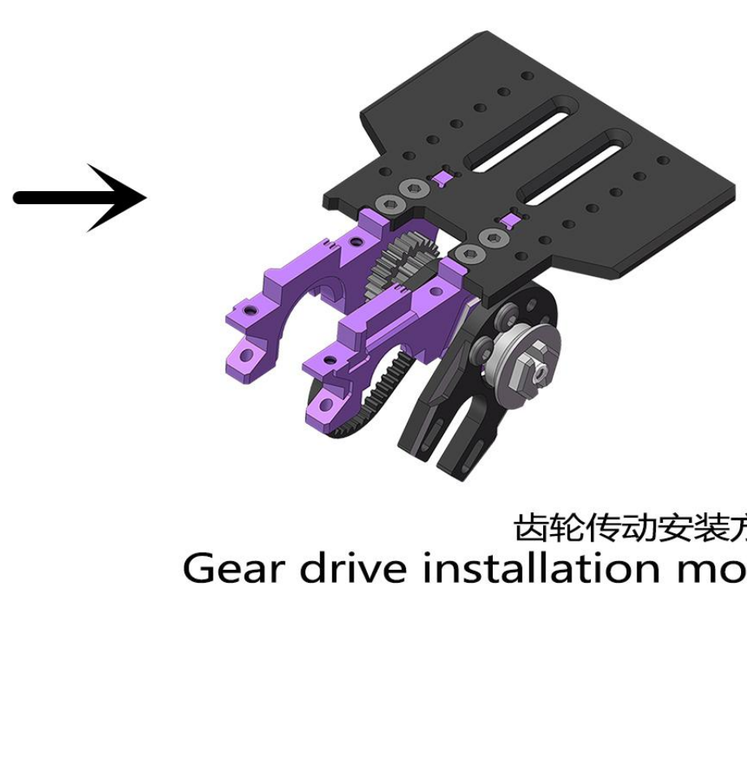


齿轮传动安装方式
Gear drive installation mode



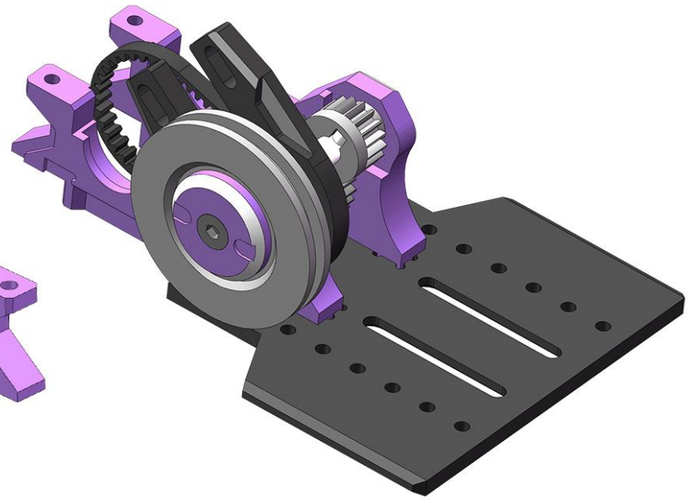
Belt drive Installation mode
皮带传动安装方式





齿轮传动安装方式
Gear drive installation mode

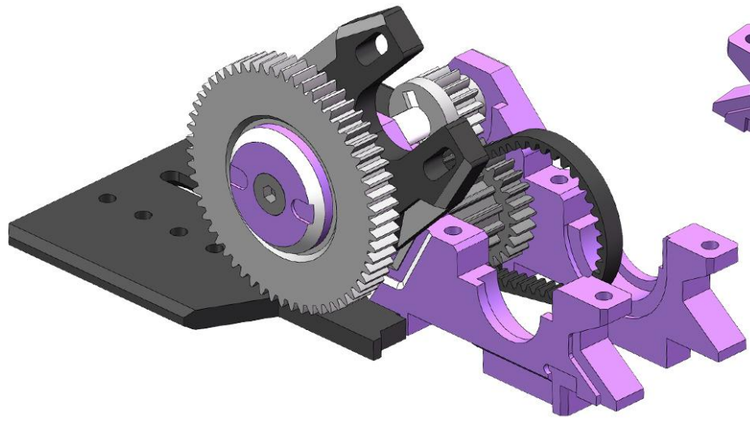
Belt drive Installation mode
皮带传动安装方式



皮带模式特点：
1、车辆反应慢。
2、行驶加速容易。
3、噪音偏少。

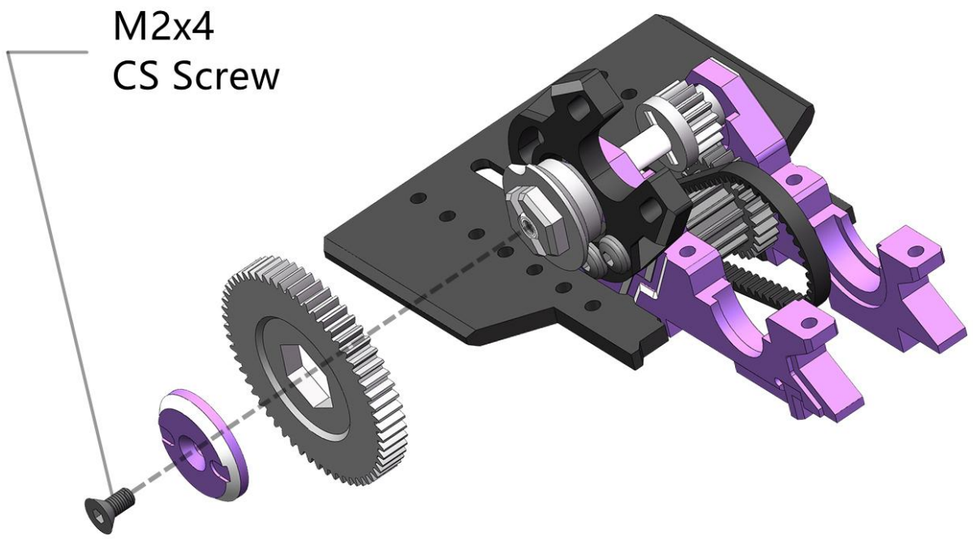
Belt mode features:
1. The car reacted slowly.
2. Easy acceleration.
3. Less noise.

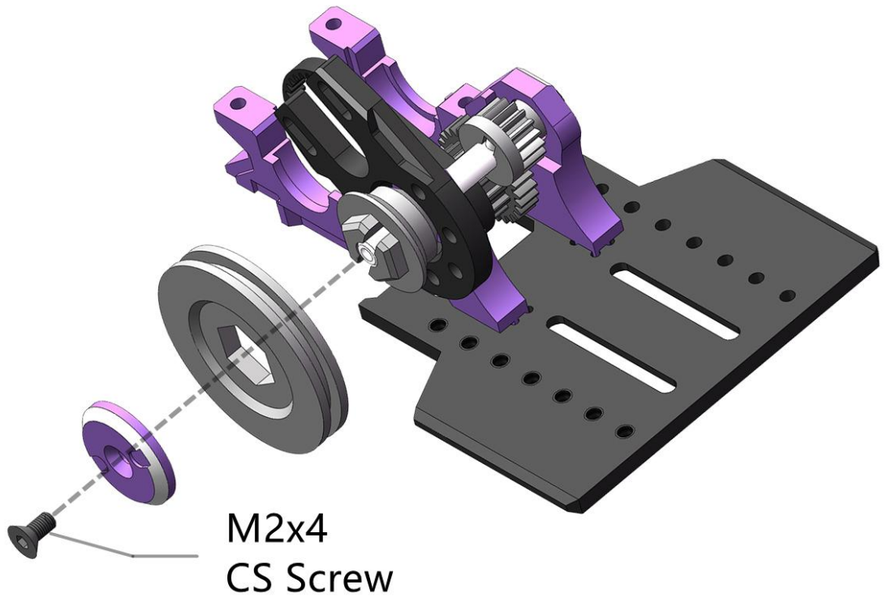
齿轮传动安装方式
Gear drive installation mode

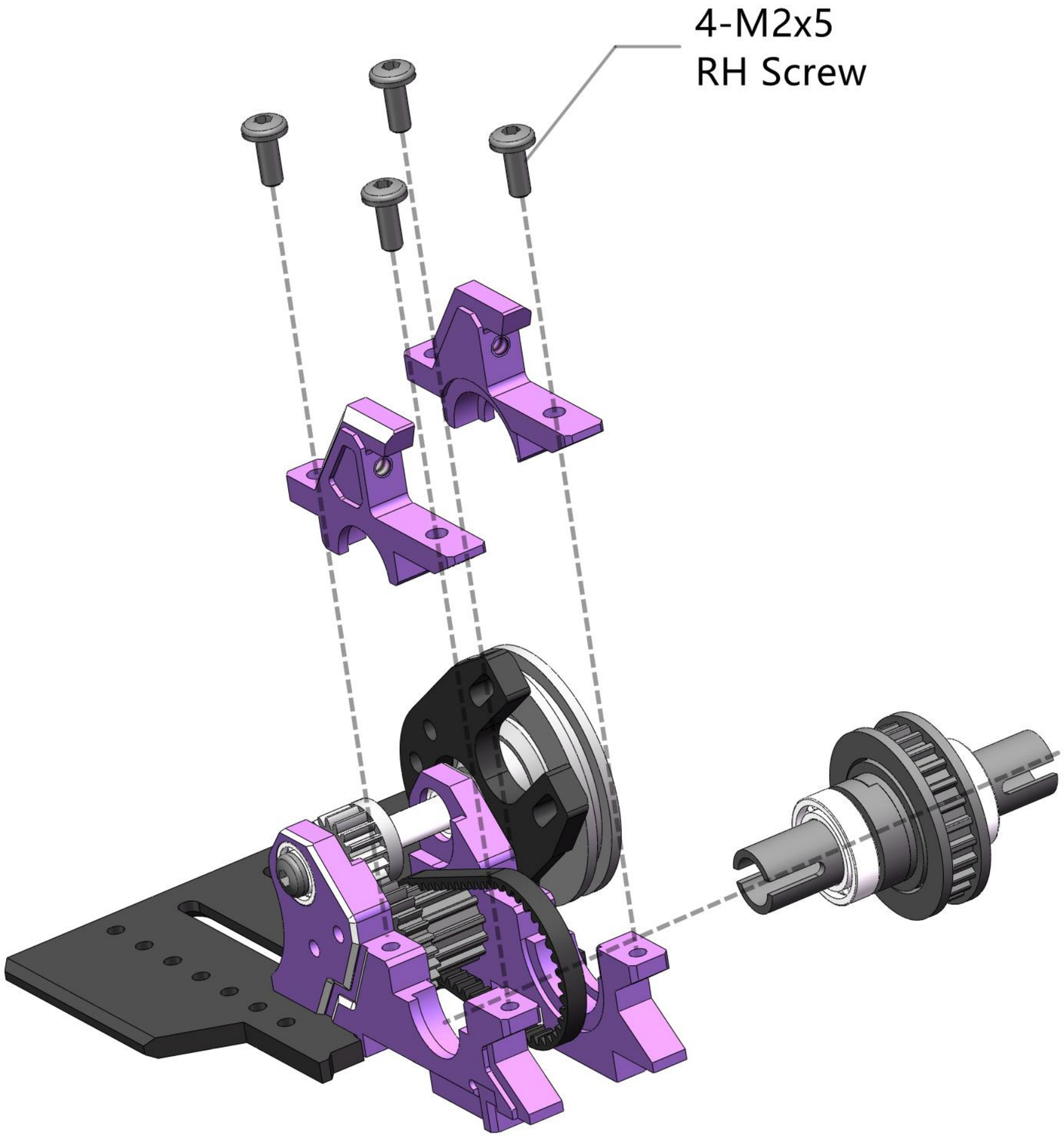


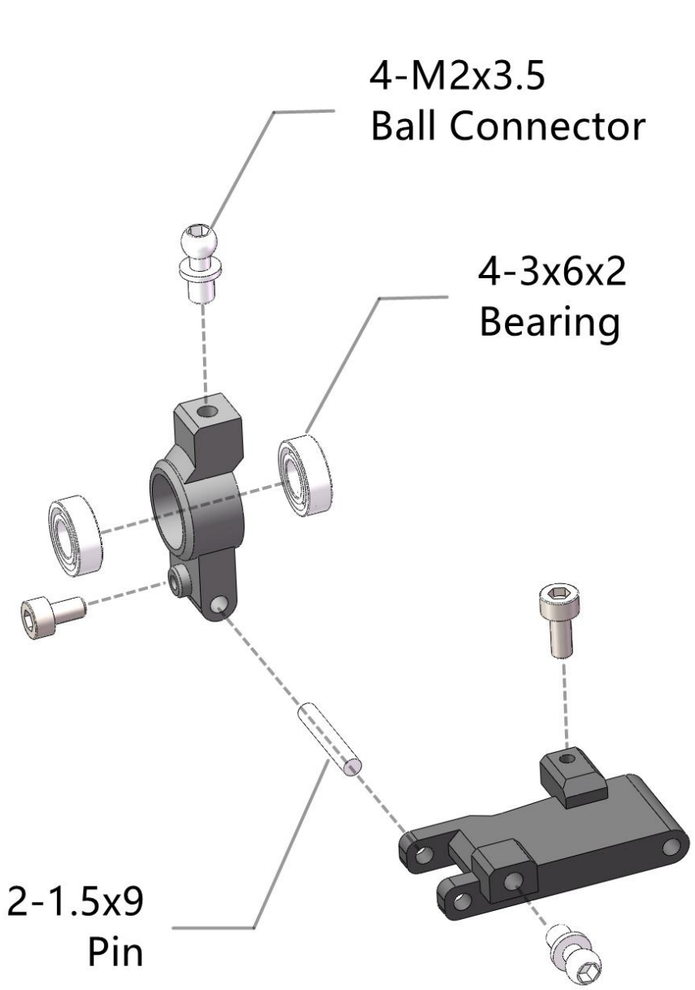
齿轮模式特点：
1、车辆反应快。
2、行驶加速困难。
3、噪音偏大。

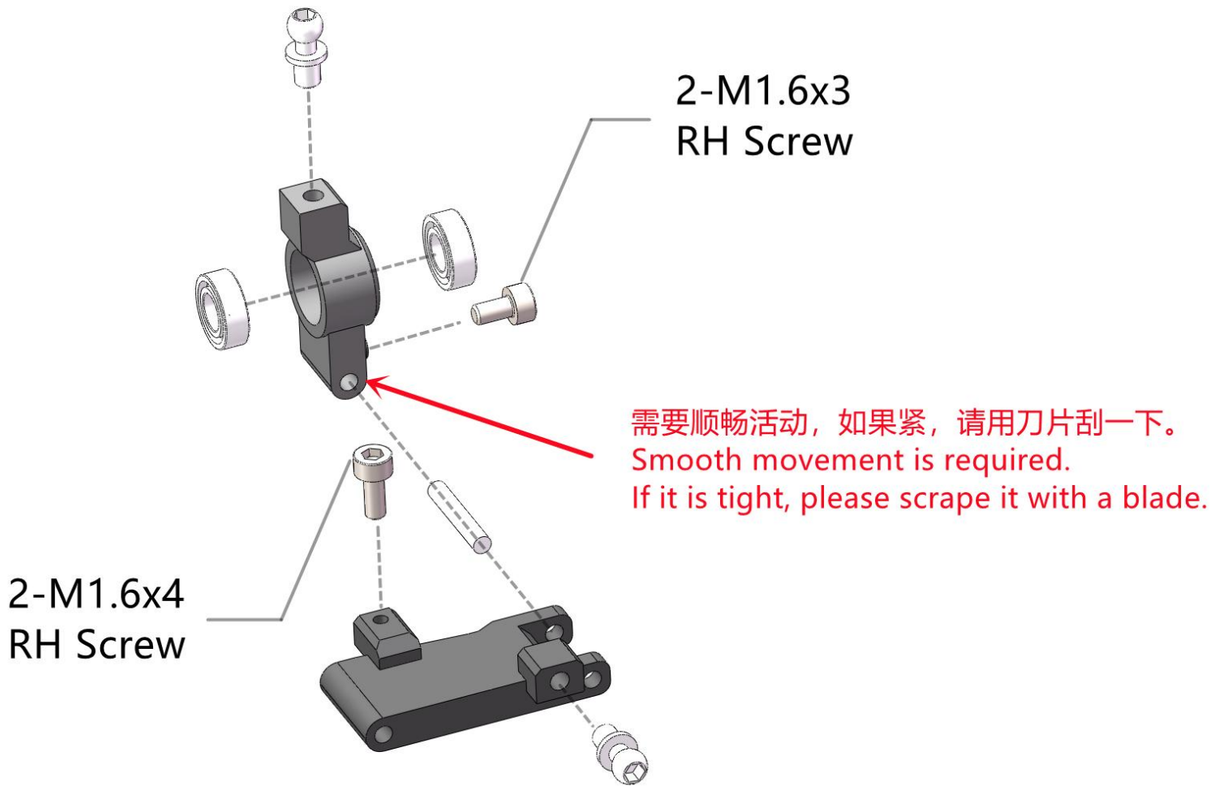
Gear mode features:
1. The car reacts quickly.
2. It is difficult to accelerate.
3. The noise is a little loud.

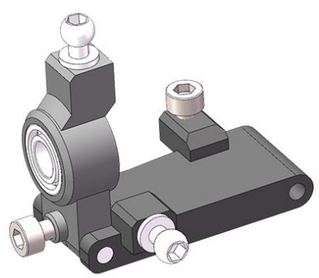


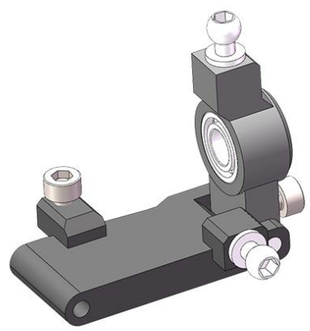


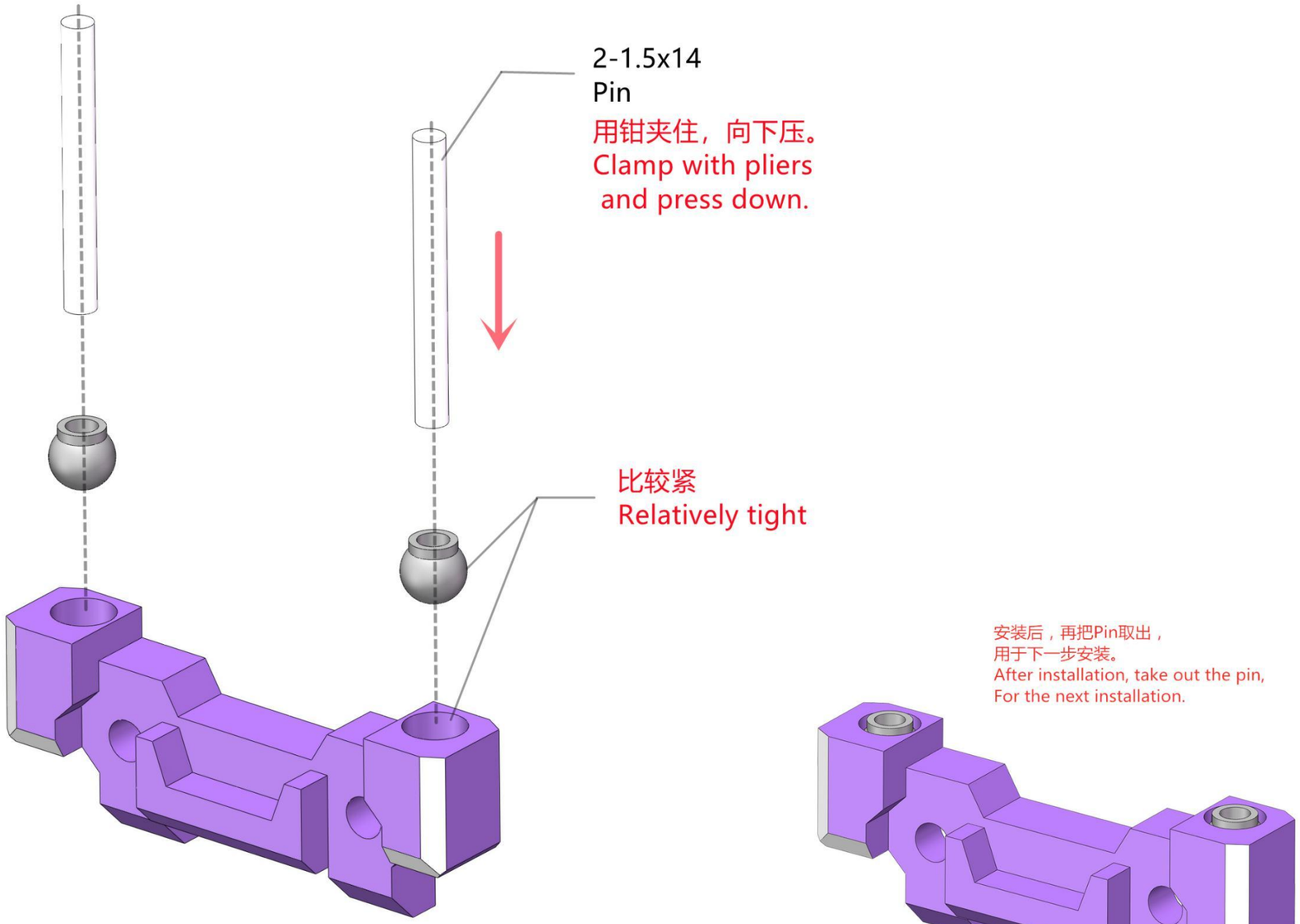

4-M2x5
RH Screw

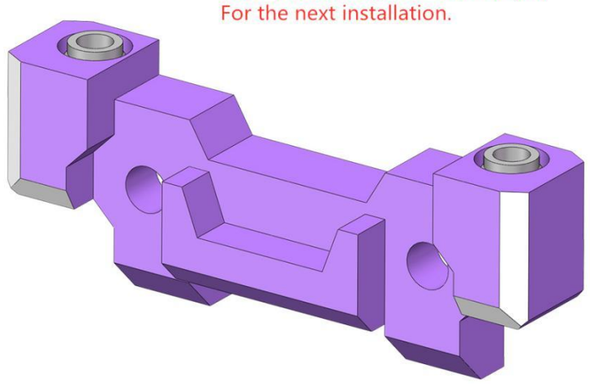

4-M2x3.5
Ball Connector
4-3x6x2
Bearing
2-1.5x9
Pin

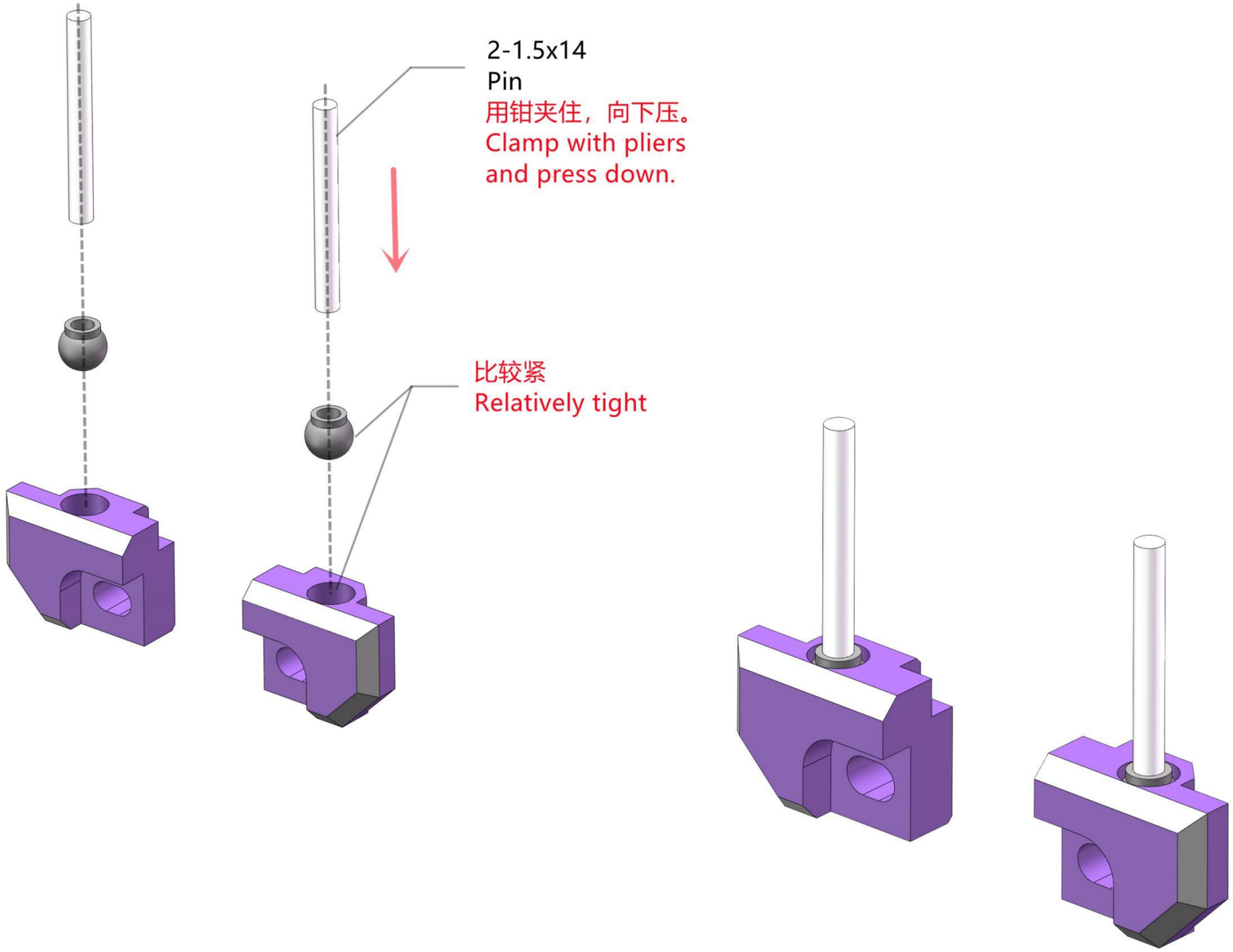

2-M1.6x3
RH Screw
需要顺畅活动，如果紧，请用刀片刮一下。
Smooth movement is required.
If it is tight, please scrape it with a blade.
2-M1.6x4
RH Screw

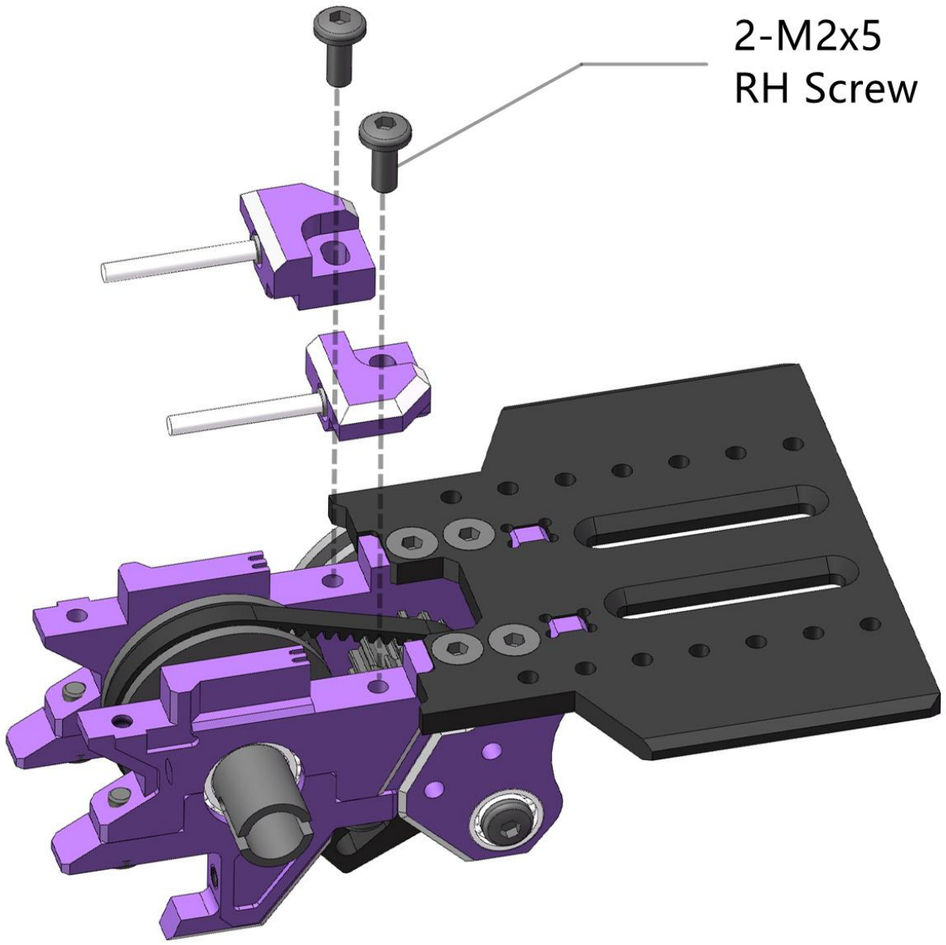


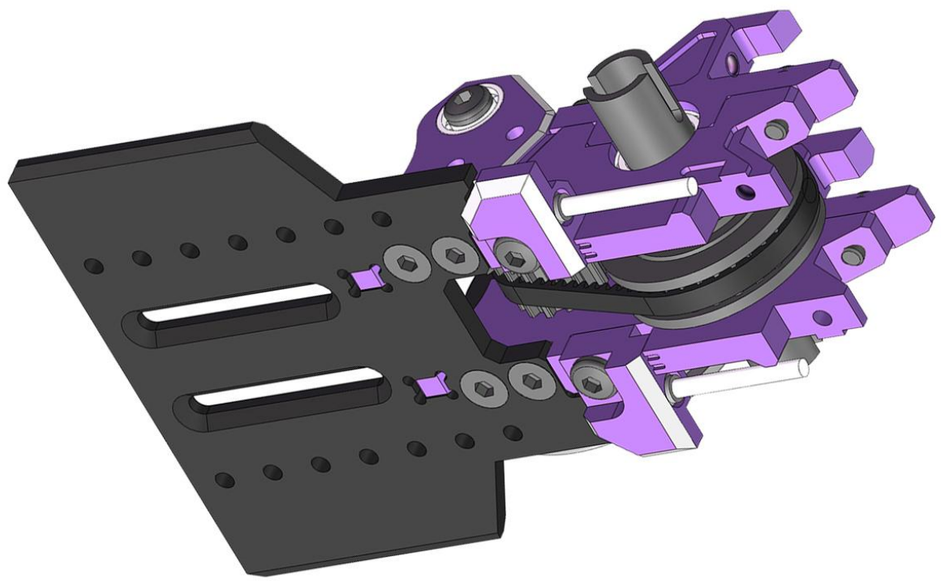


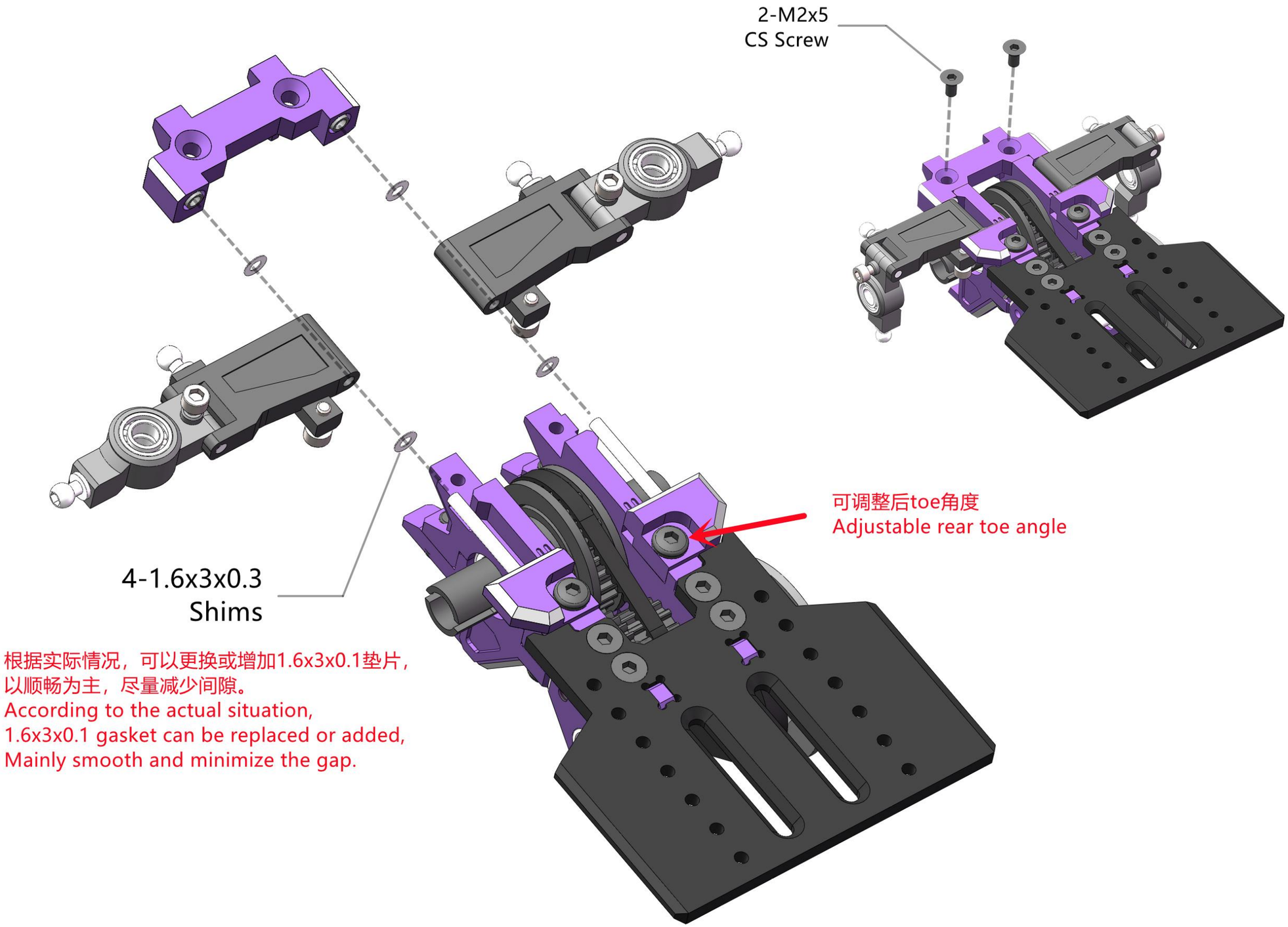

2-1.5x14
Pin
用钳夹住，向下压。
Clamp with pliers
and press down.
比较紧
Relatively tight


安装后，再把Pin取出，
用于下一步安装。
After installation, take out the pin,
For the next installation.

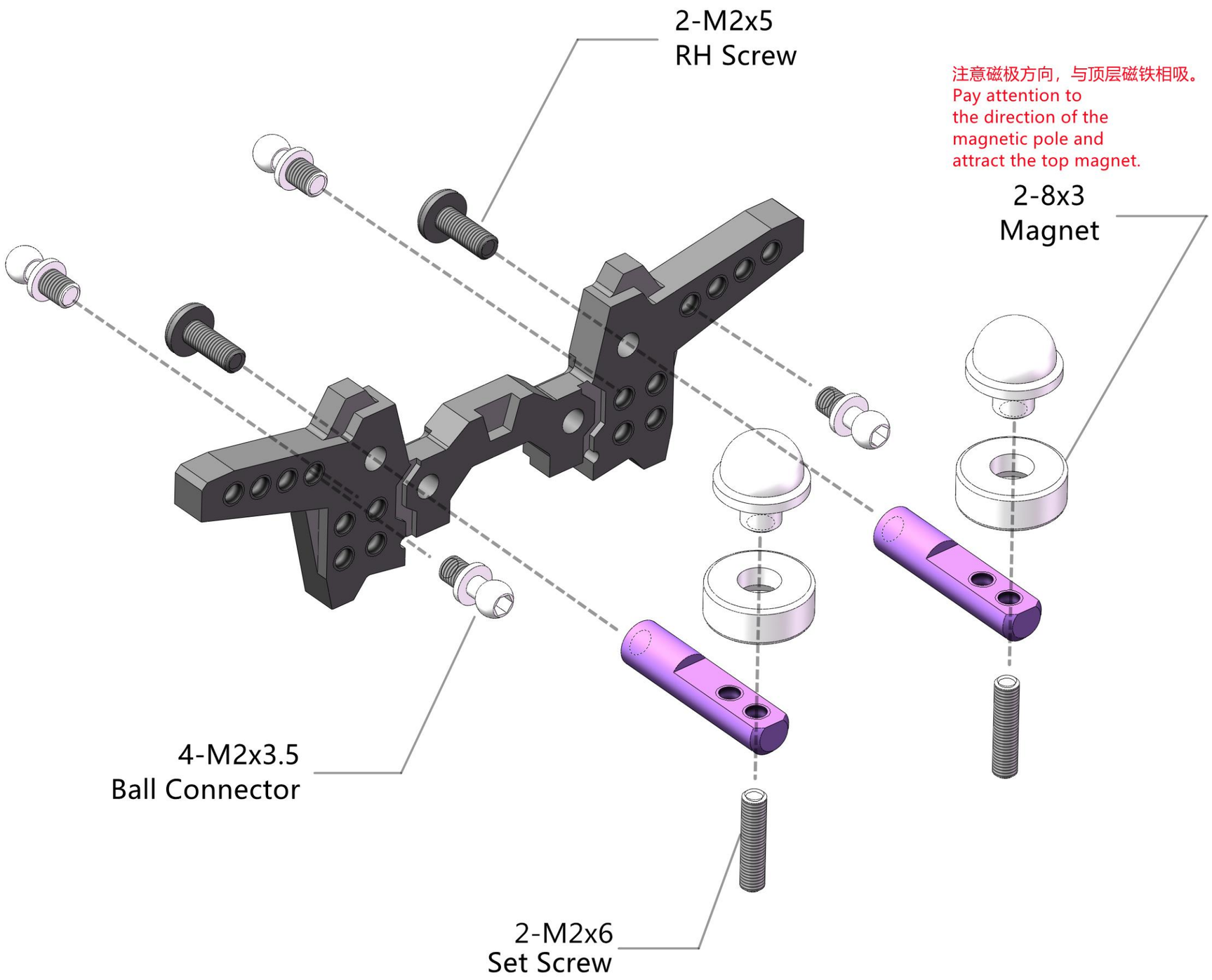

2-1.5x14
Pin
用钳夹住，向下压。
Clamp with pliers
and press down.
比较紧
Relatively tight

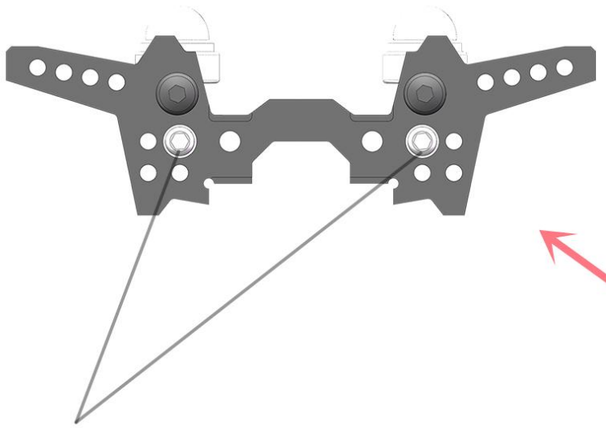

2-M2x5
RH Screw

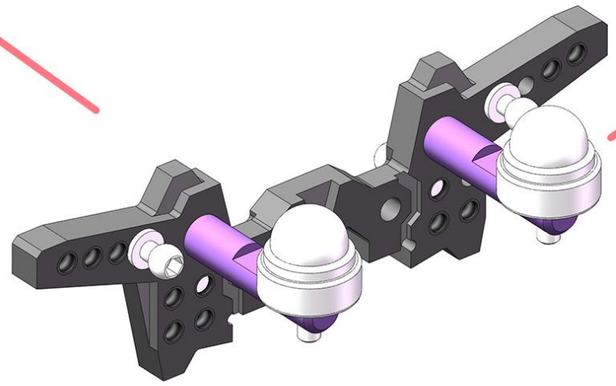


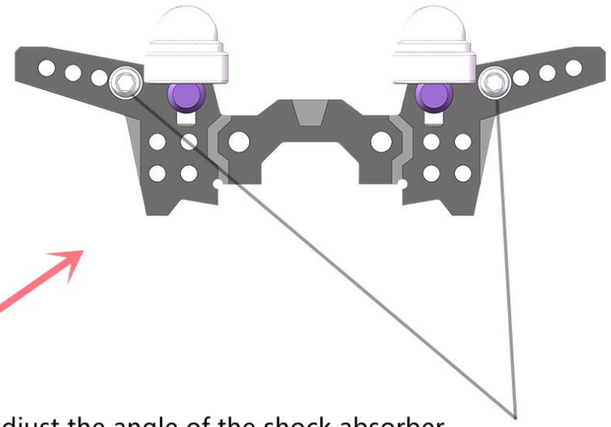


根据实际情况，可以更换或增加1.6x3x0.1垫片，
以顺畅为主，尽量减少间隙。
According to the actual situation,
1.6x3x0.1 gasket can be replaced or added,
Mainly smooth and minimize the gap.


2-M2x5
RH Screw
注意磁极方向，与顶层磁铁相吸。
Pay attention to
the direction of the
magnetic pole and
attract the top magnet.
2-8x3
Magnet
4-M2x3.5
Ball Connector
2-M2x6
Set Screw







Adjust the length and angle of camber link
In the same camber state,

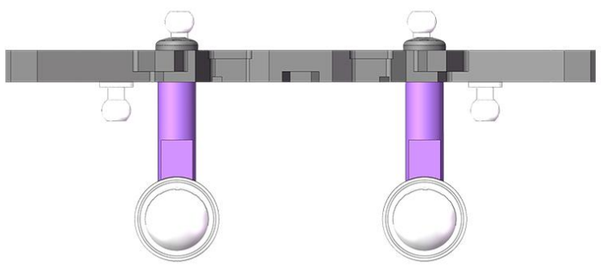
1. The long camber link can stabilize the vehicle body and maintain the drift for a long time.
2. Short camper link, flexible body and short drift maintenance time.

3. The camber link on the upper hole has stable body and long drift time.
4. The camber link in the lower hole has flexible body and short drift maintenance time.

Adjust the angle of the shock absorber

1. The shock absorption angle is inclined, the body is stable, it is difficult to adjust the drift angle, and the drift time is long after closing the throttle.

2. The shock absorption angle is straight, the body is flexible, the drift angle is easy to adjust, and the drift time is short after closing the throttle.



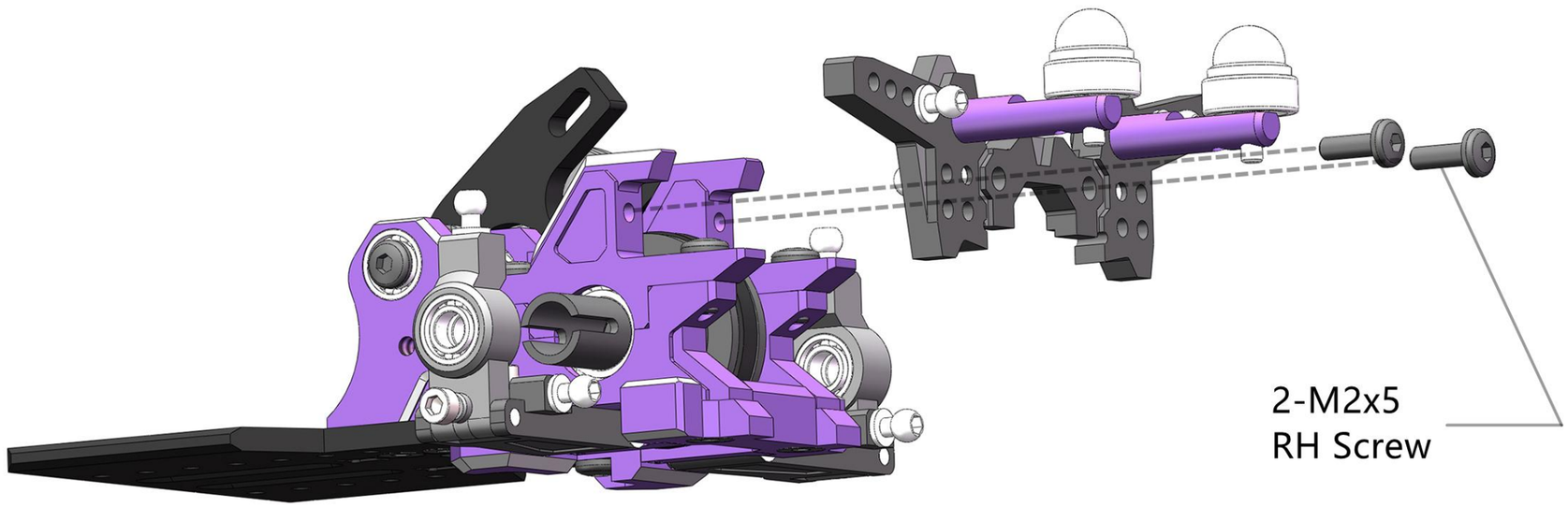
调整Camber link长度与角度

在相同Camber的状态下，
1、长的Camber link，车身稳定、维持漂移时间长。
2、短的Camber link，车身灵活、维持漂移时间短。

3、上面孔的Camber link，车身稳定、维持漂移时间长。
4、下面孔的Camber link，车身灵活、维持漂移时间短。

调整避震器的角度

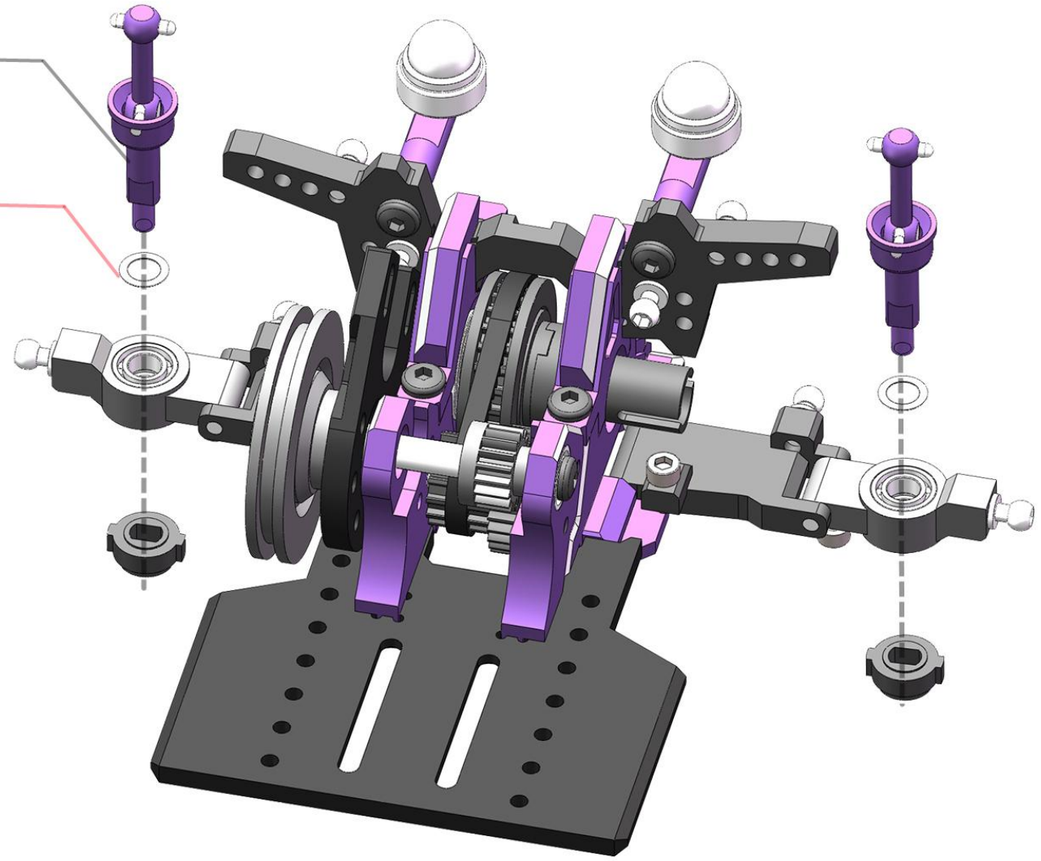
1、避震角度斜，车身稳定、调整漂移角度困难、收油门后维持漂移时间长。
2、避震角度直，车身灵活、调整漂移角度容易、收油门后维持漂移时间短。

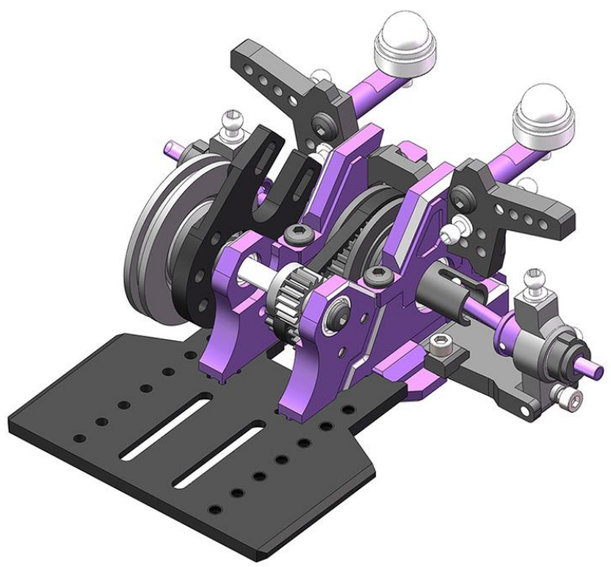

2-M2x5
RH Screw

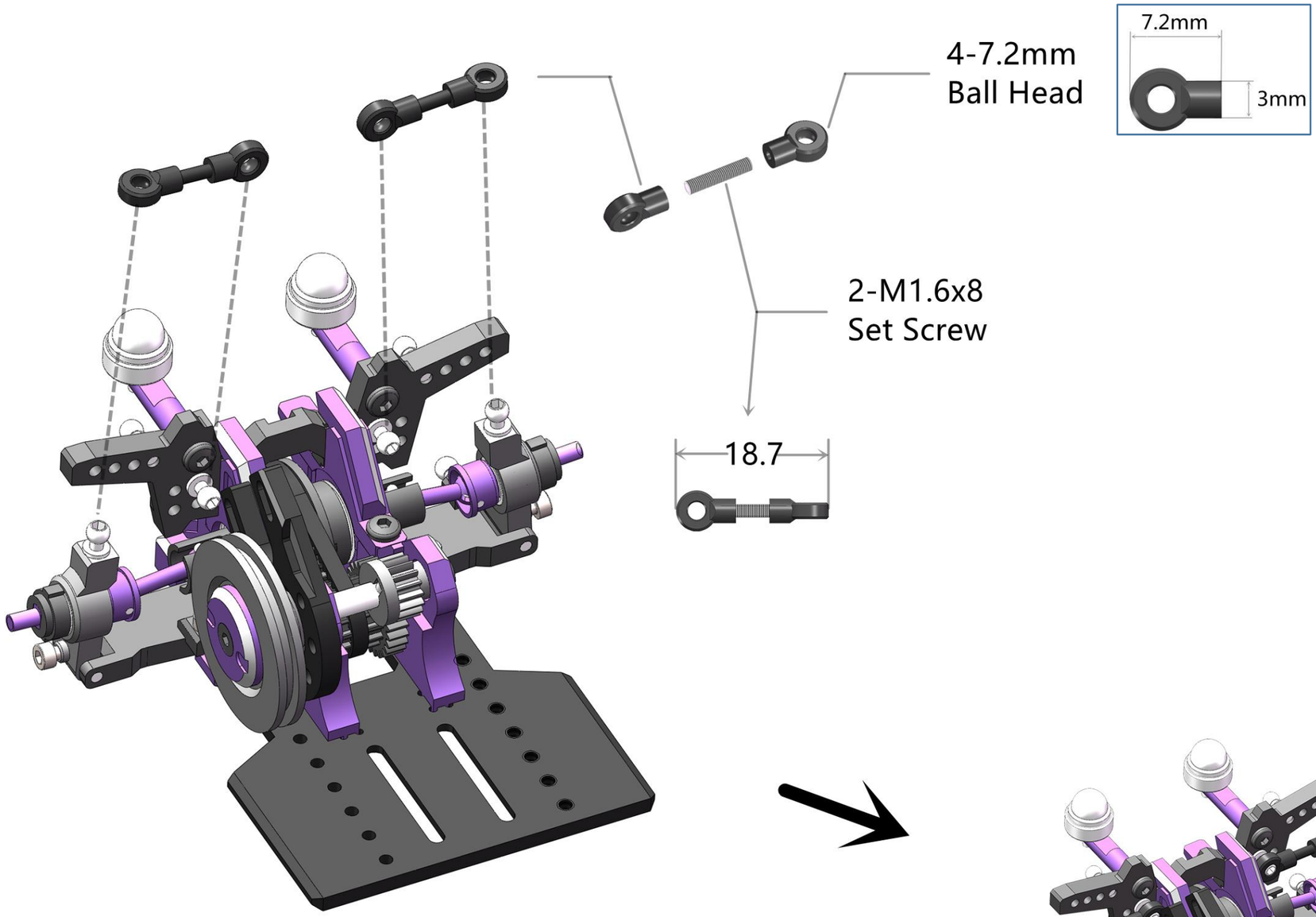
2-10.5
CVD

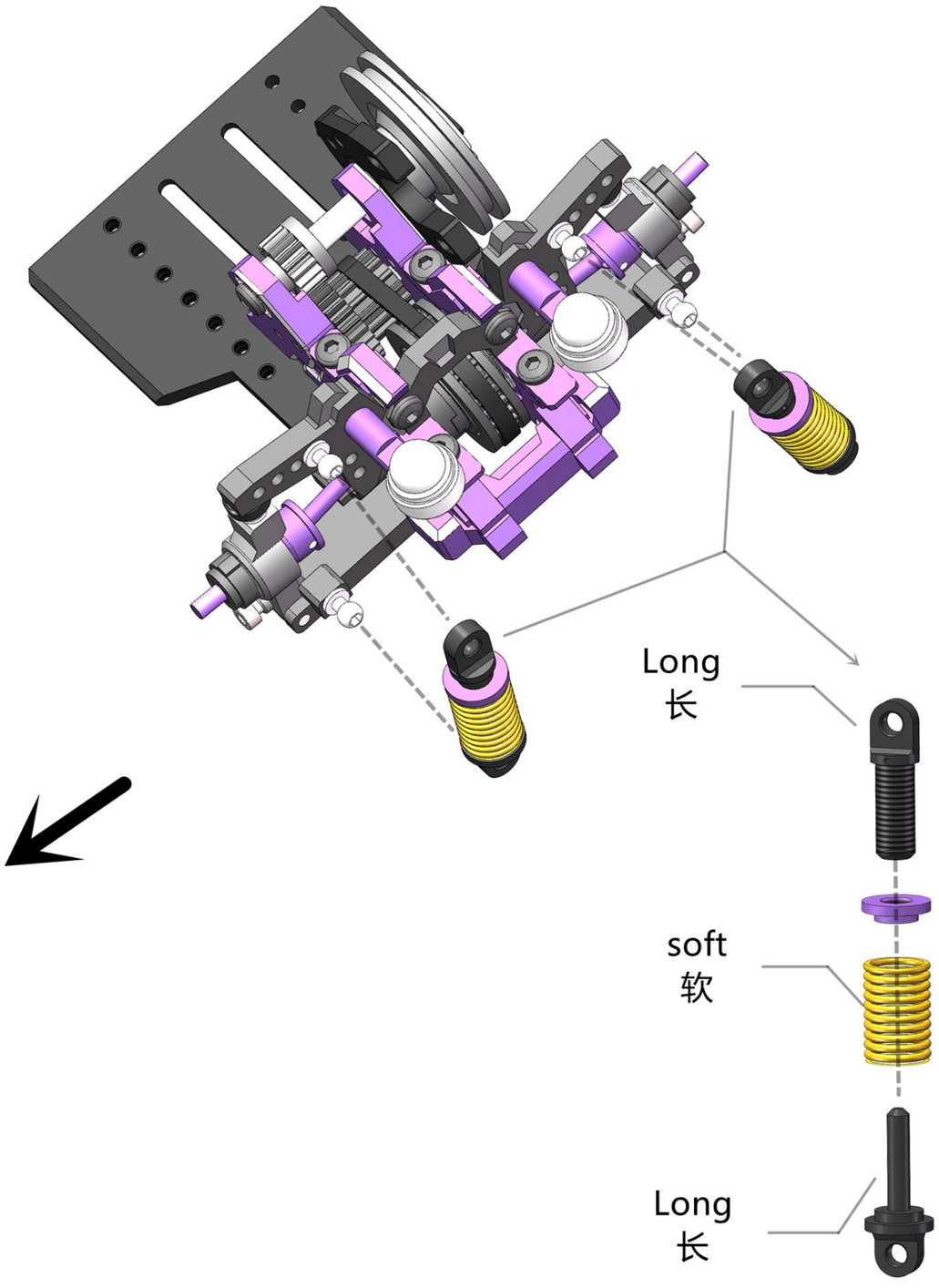
2-3x4.5x0.1
Shims

根据实际情况，选择安装垫片数量。
以顺畅为主，尽量减少间隙。
Select the number of installed gaskets
according to the actual situation.
Mainly smooth, and minimize the ga



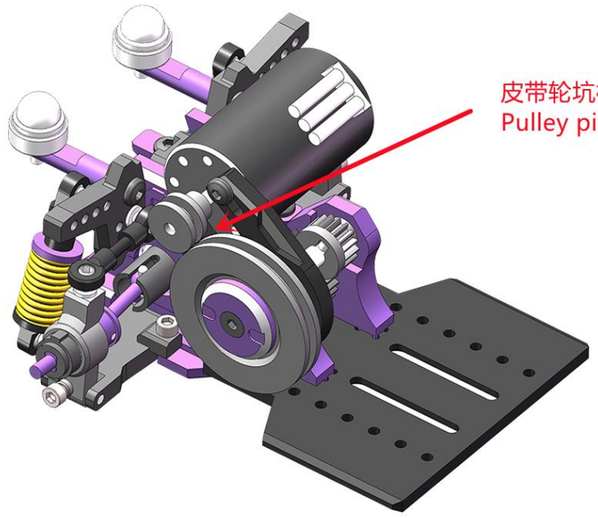


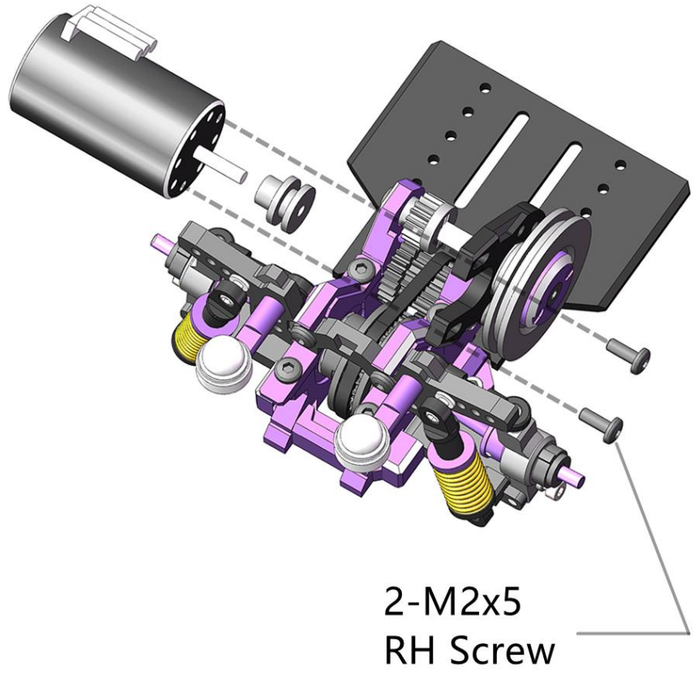

4-7.2mm
Ball Head
7.2mm
3mm
2-M1.6x8
Set Screw
18.7



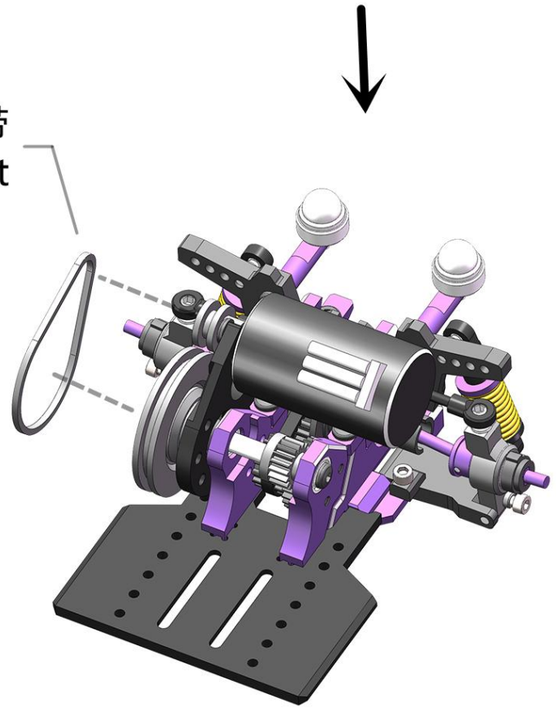
Handle the clamping line of the shock absorber rod to be smooth.

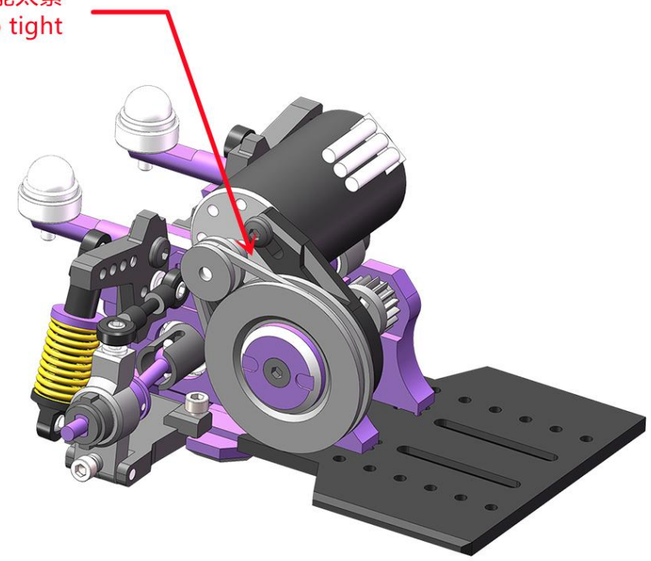
处理避震杆的合模线至光滑





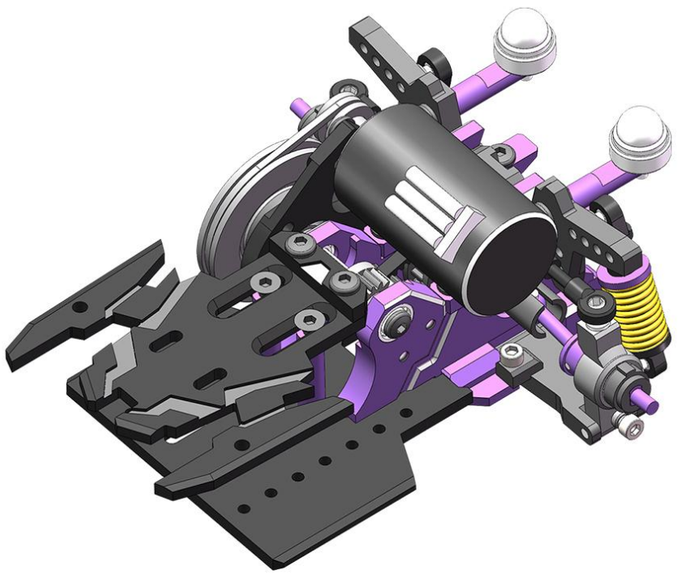
皮带
Belt

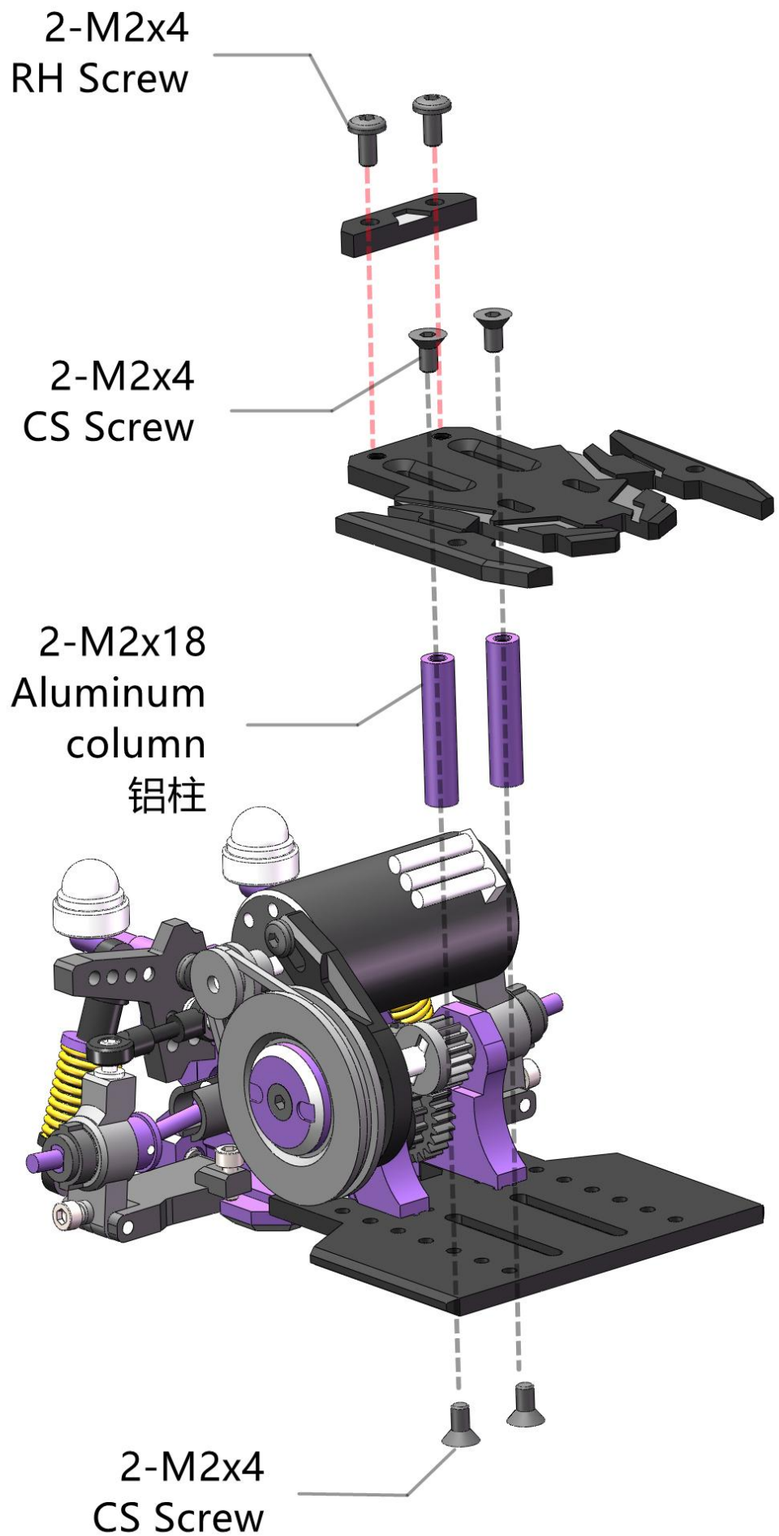




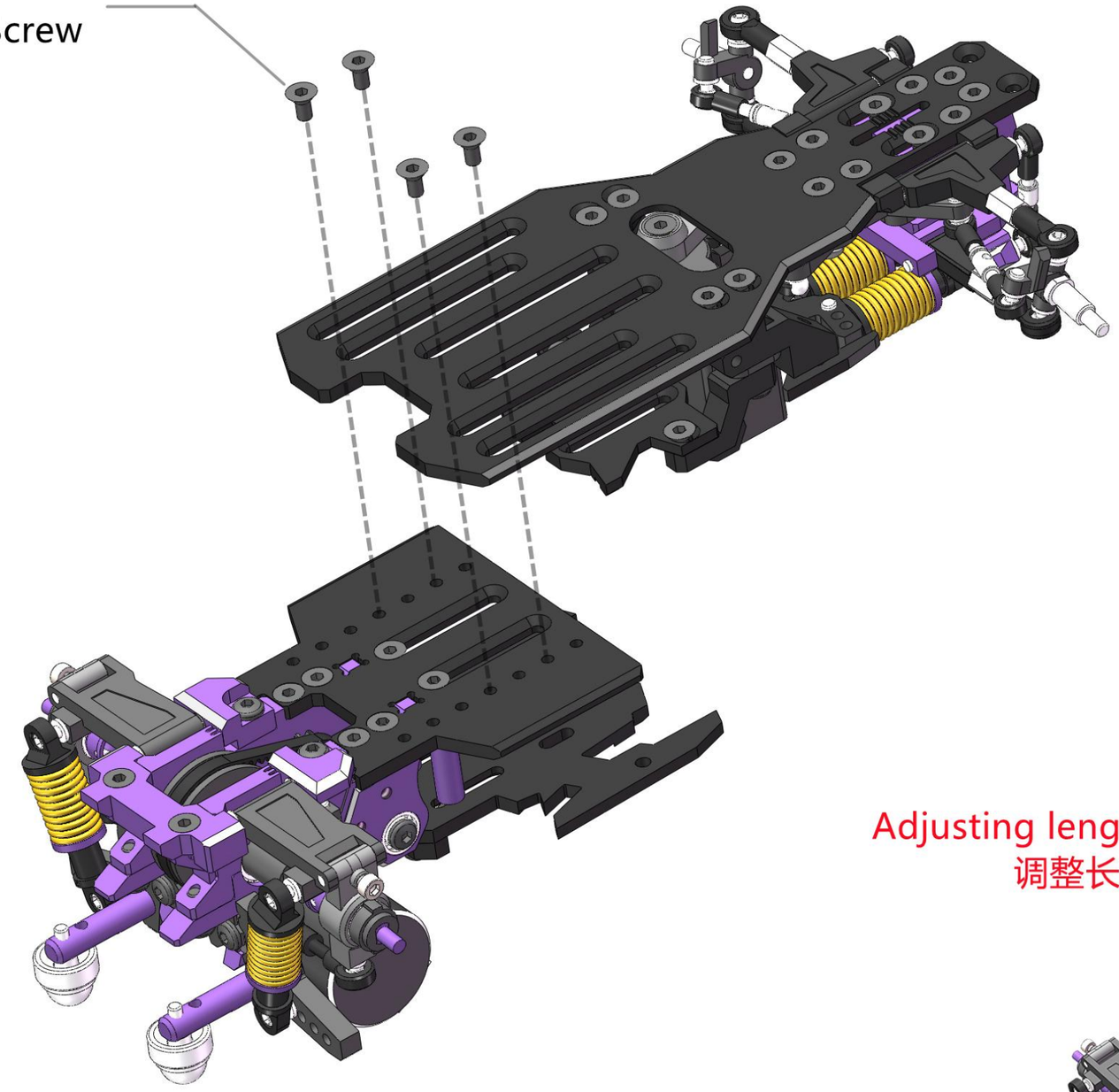
齿轮传动-安装电机齿轮即可，注意间隙不能紧。

Gear drive - just install the motor gear, and pay attention to the tight clearance.

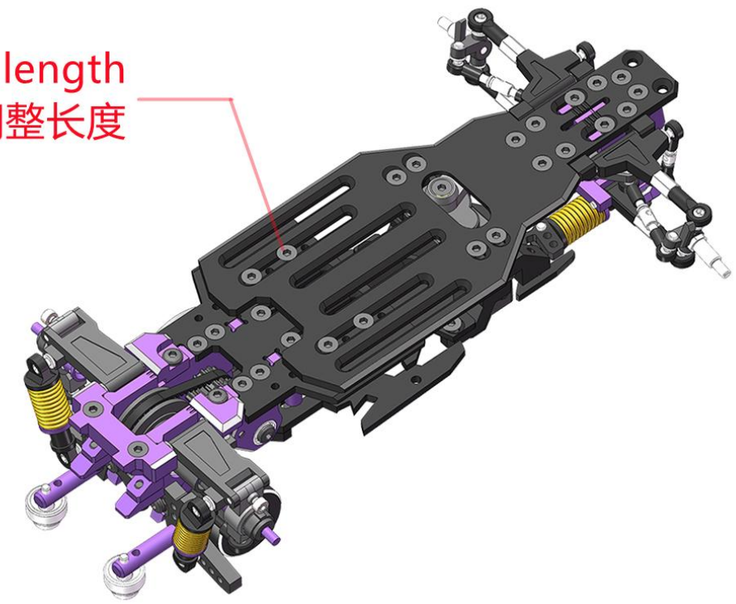


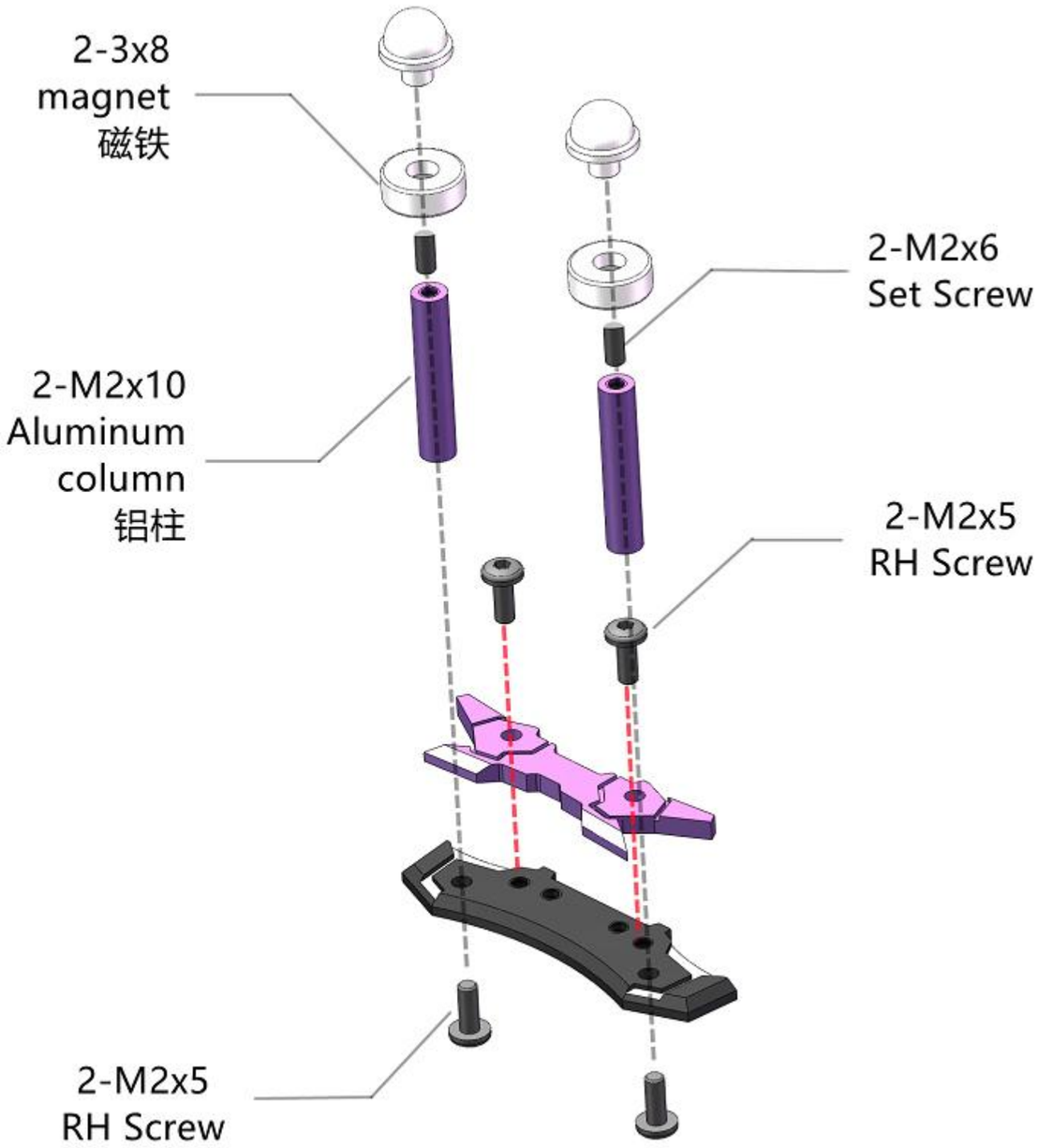

2-M2x4
RH Screw
2-M2x4
CS Screw
2-M2x18
Aluminum
column
铝柱
2-M2x4
CS Screw

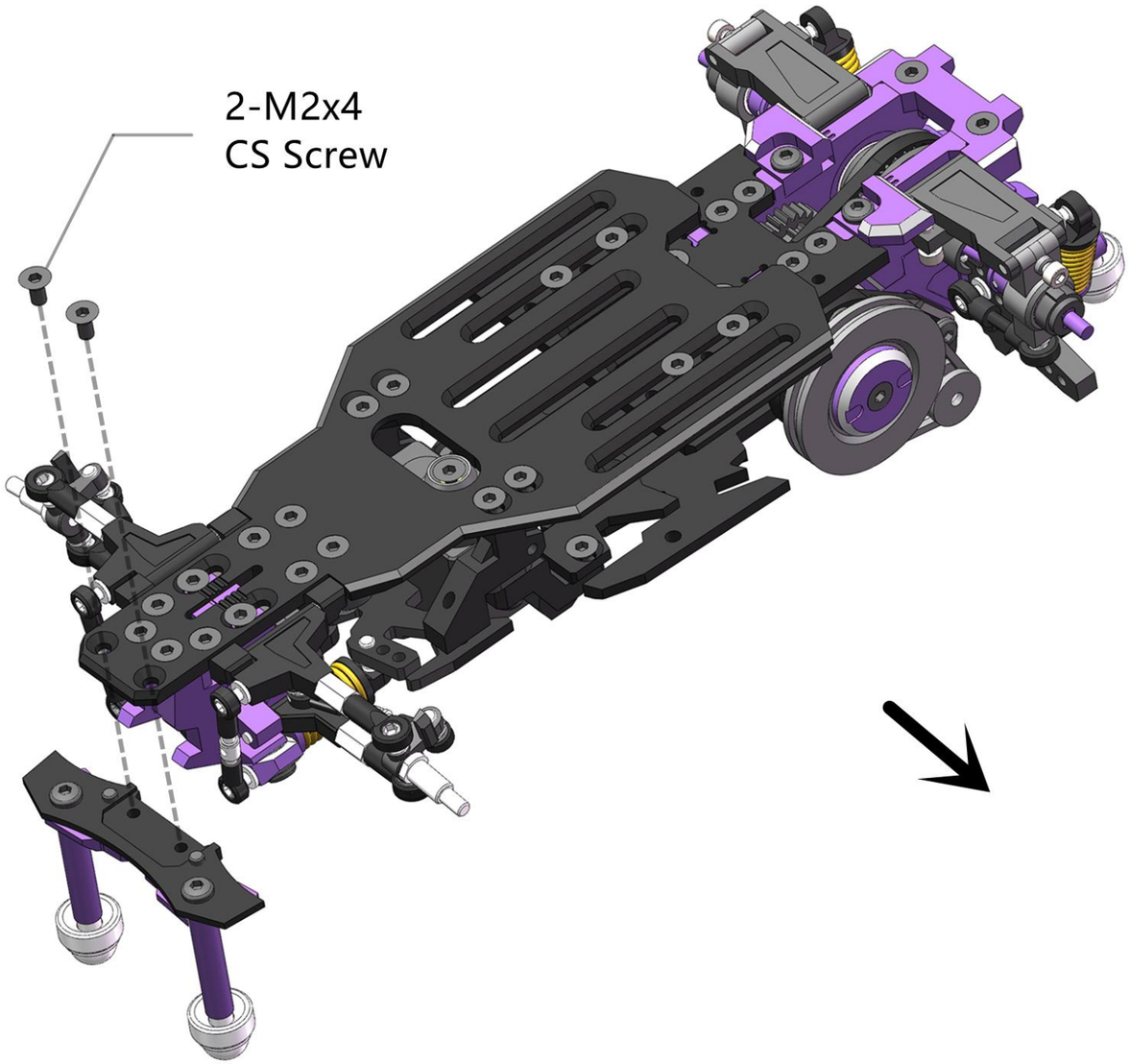
4-M2x4
CS Screw

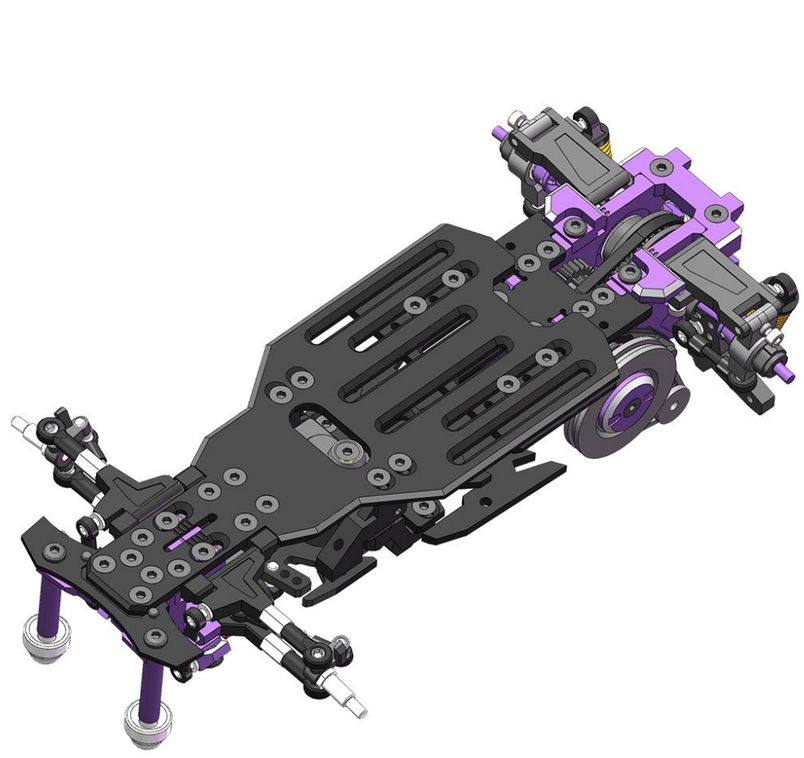


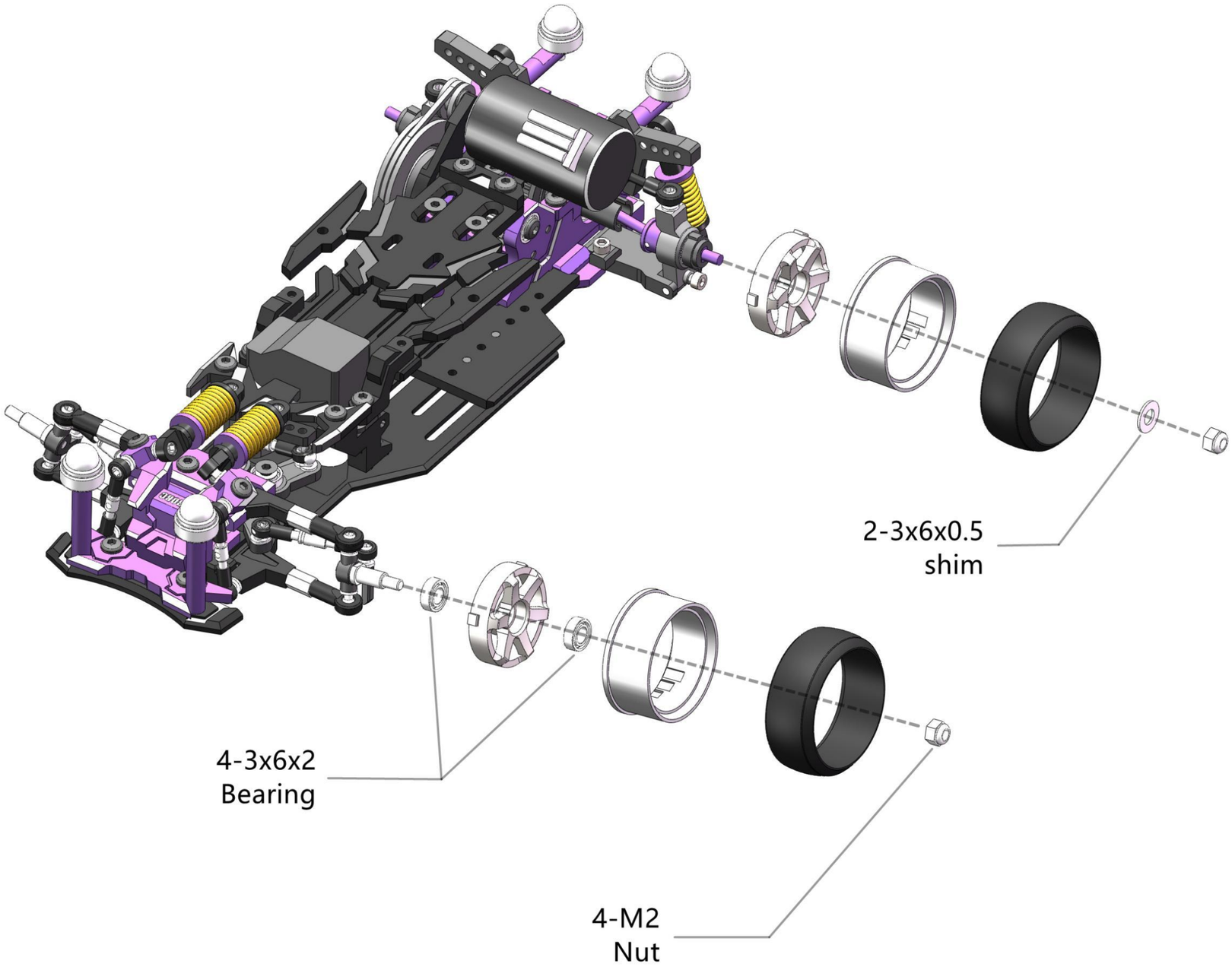
Adjusting length
调整长度




2-3x8
magnet
磁铁
2-M2x6
Set Screw
2-M2x10
Aluminum
column
铝柱
2-M2x5
RH Screw
2-M2x5
RH Screw


2-M2x4
CS Screw



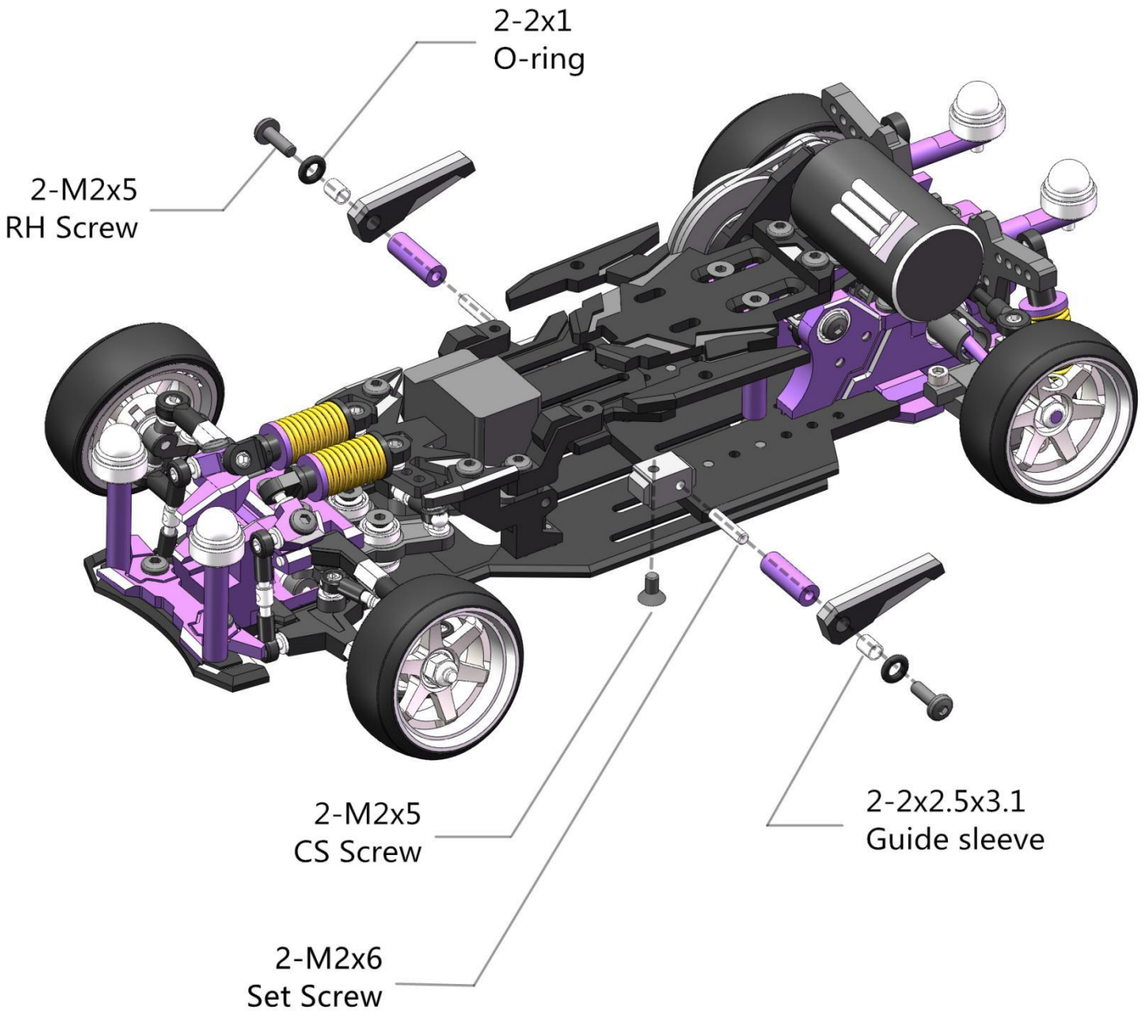


左右对称安装

Left and right symmetrical installation

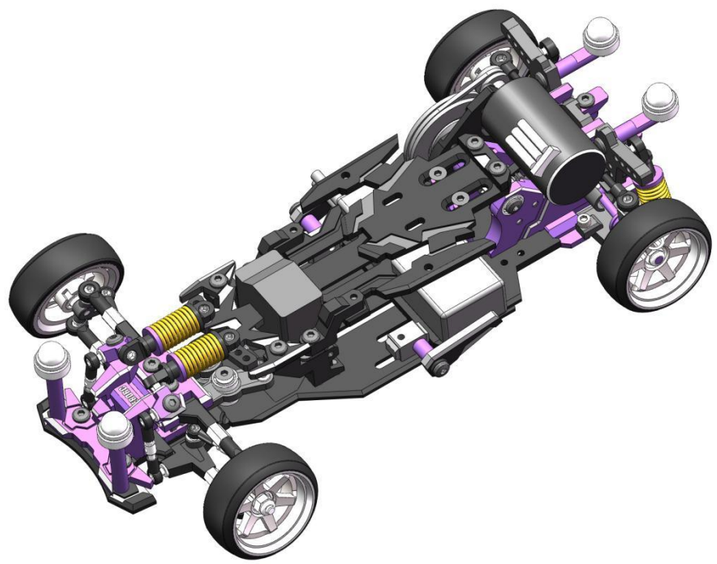
Installation scheme of battery rack

电池架的安装方案 01



This scheme focuses on the steering ability of the front

此方案注重车头转向能力

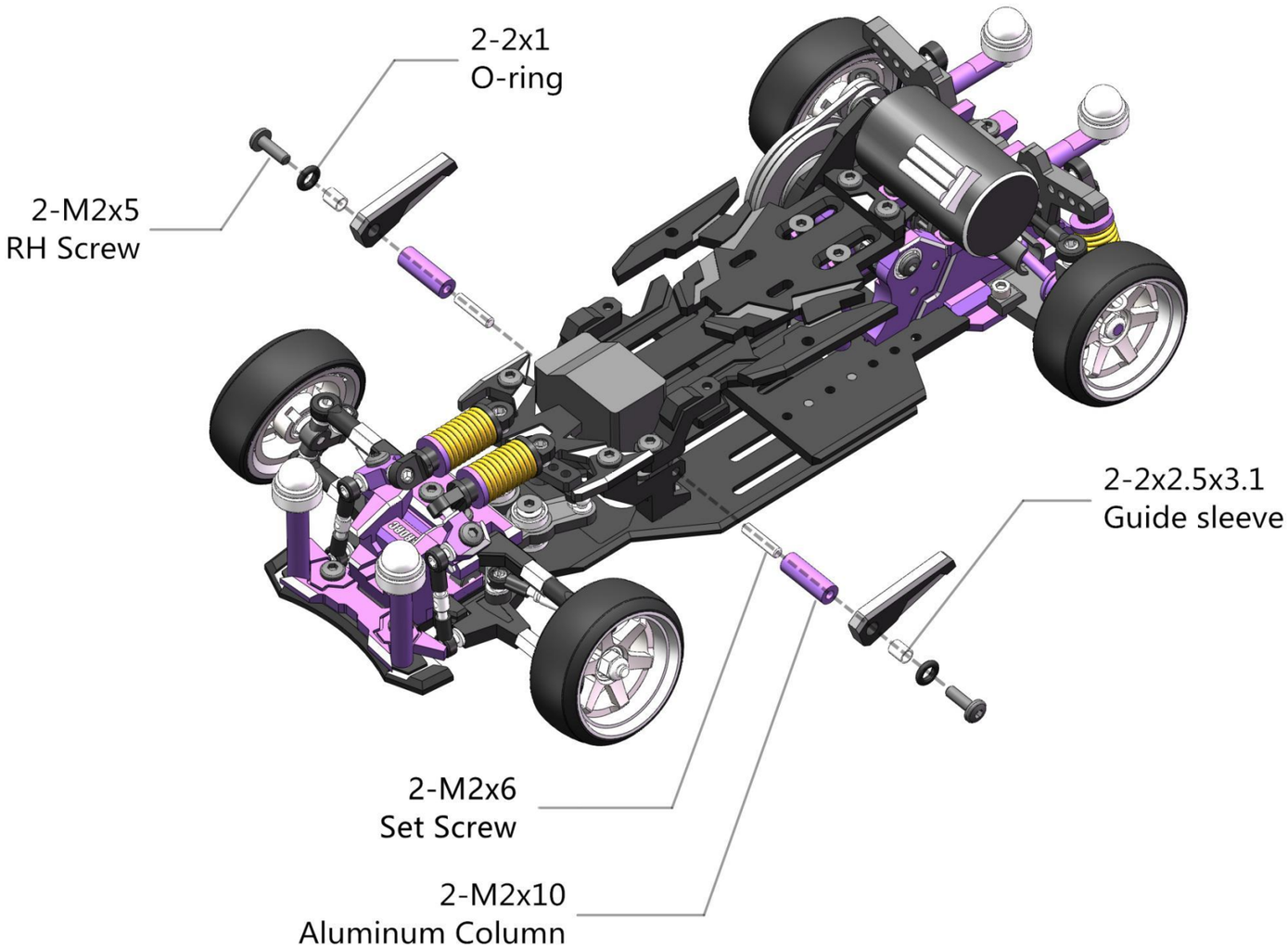


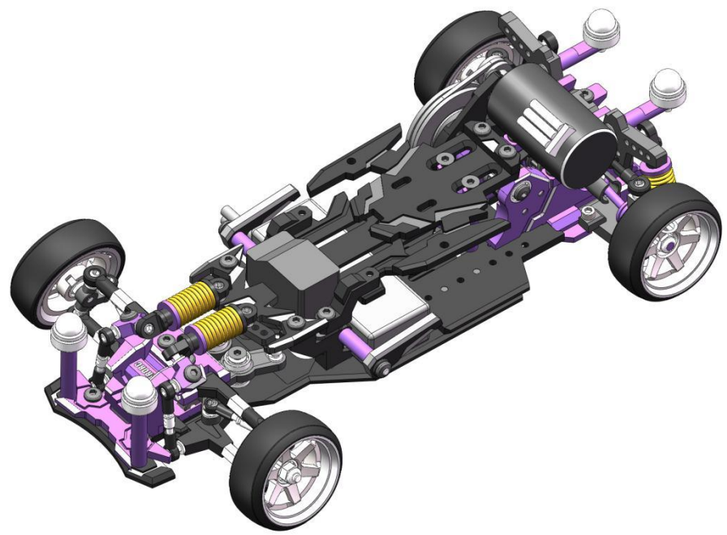
Installation scheme of battery rack

电池架的安装方案 02

This scheme focuses on the steering ability of the front

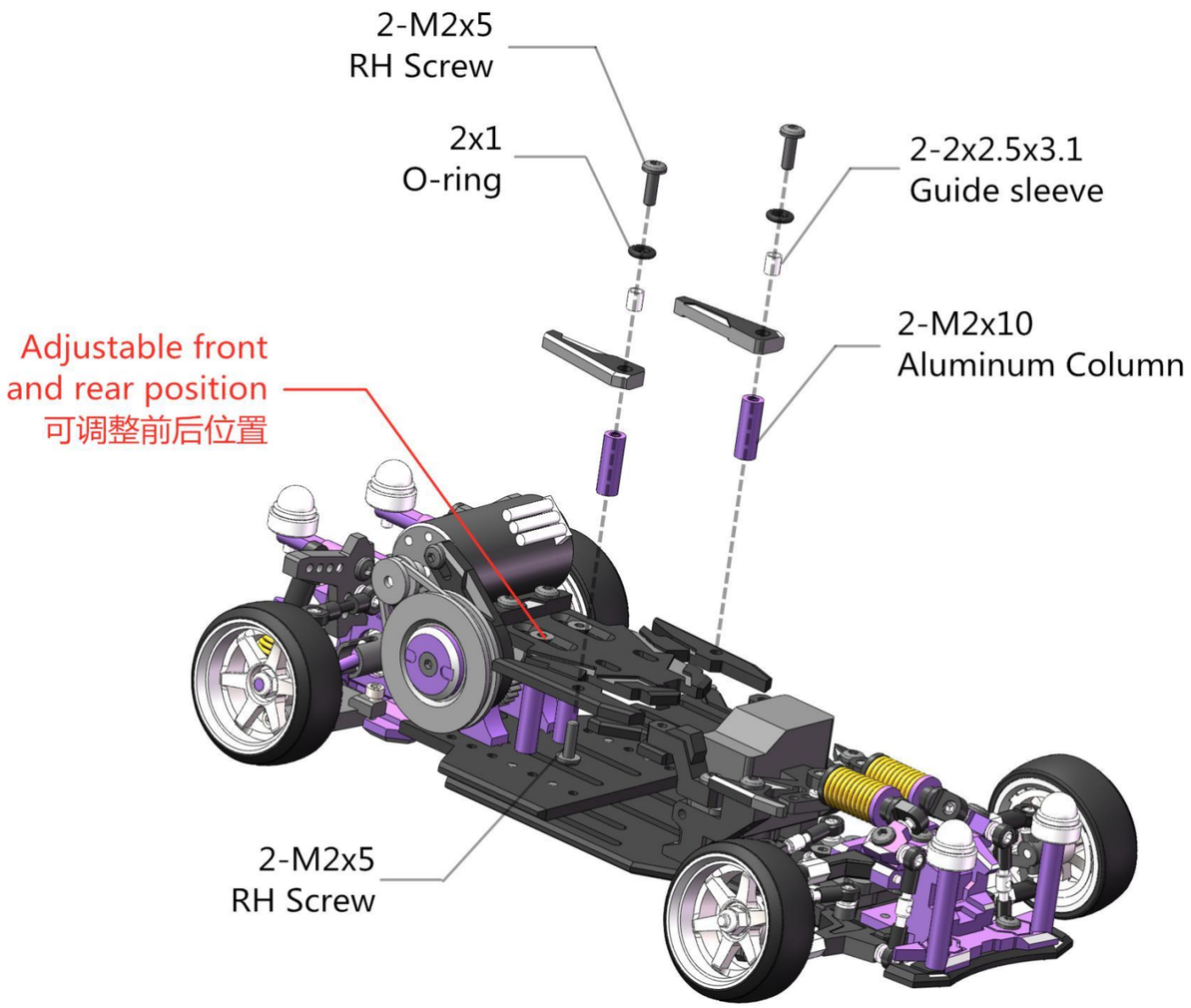
此方案注重车头转向能力





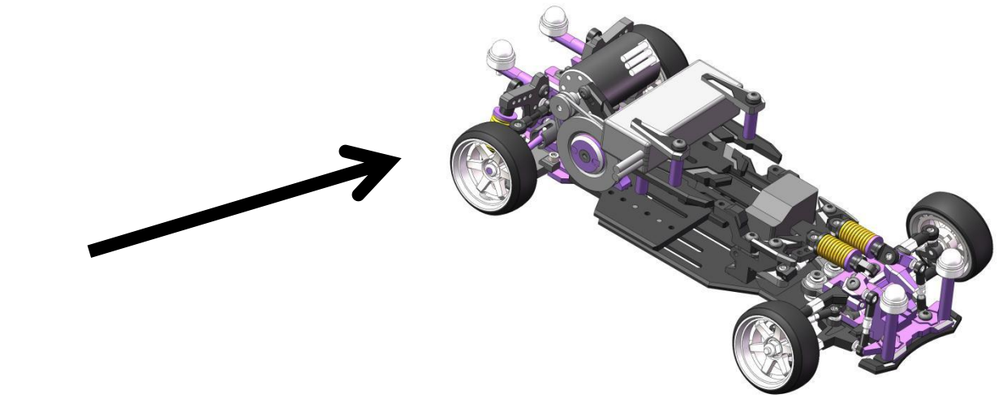
Installation scheme of battery rack

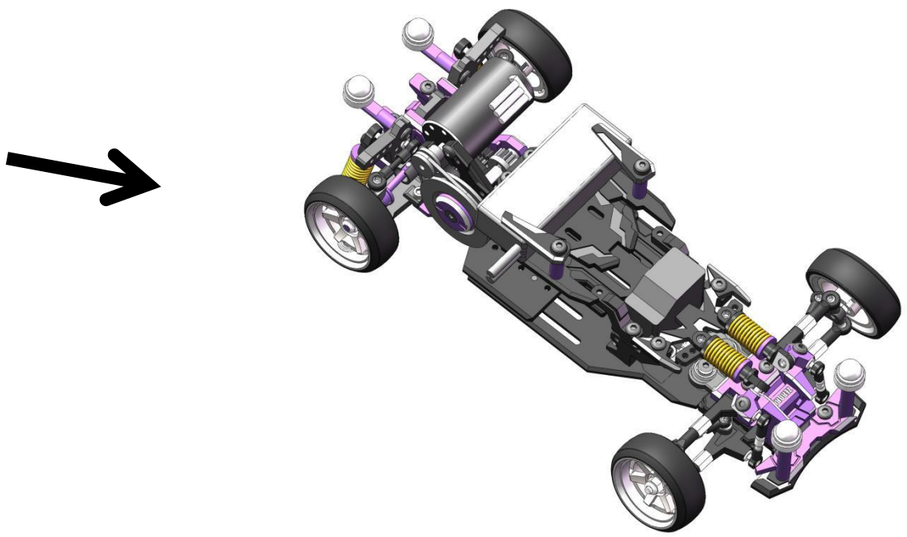
电池架的安装方案 03



This scheme focuses on the initial drift ability of the rear of the vehicle

此方案注重车尾起始漂移能力





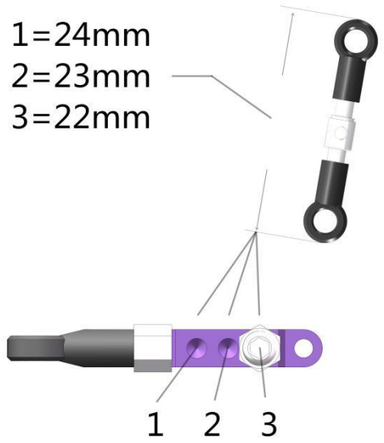
05

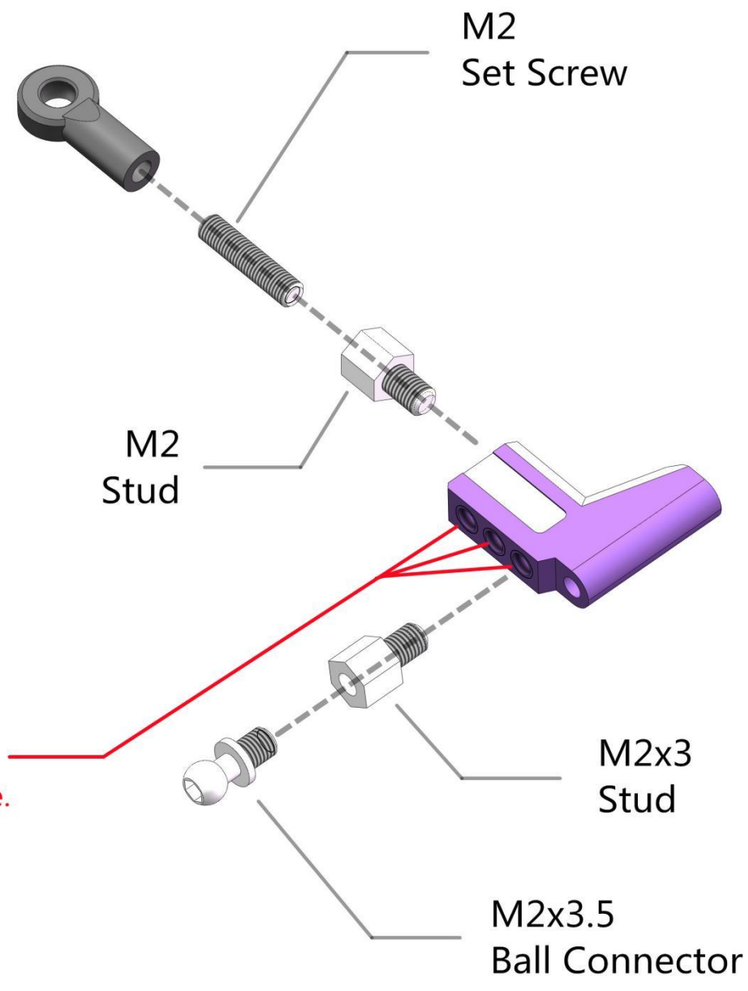
Options
accessories

选装配件

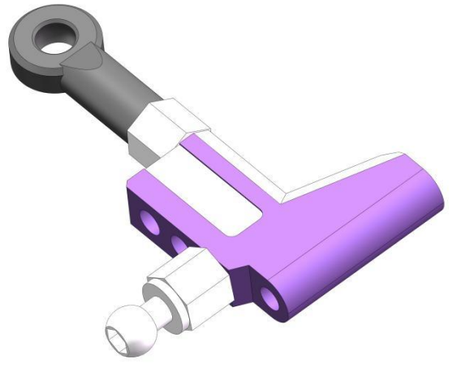
Options front swing arm

前摆臂安装



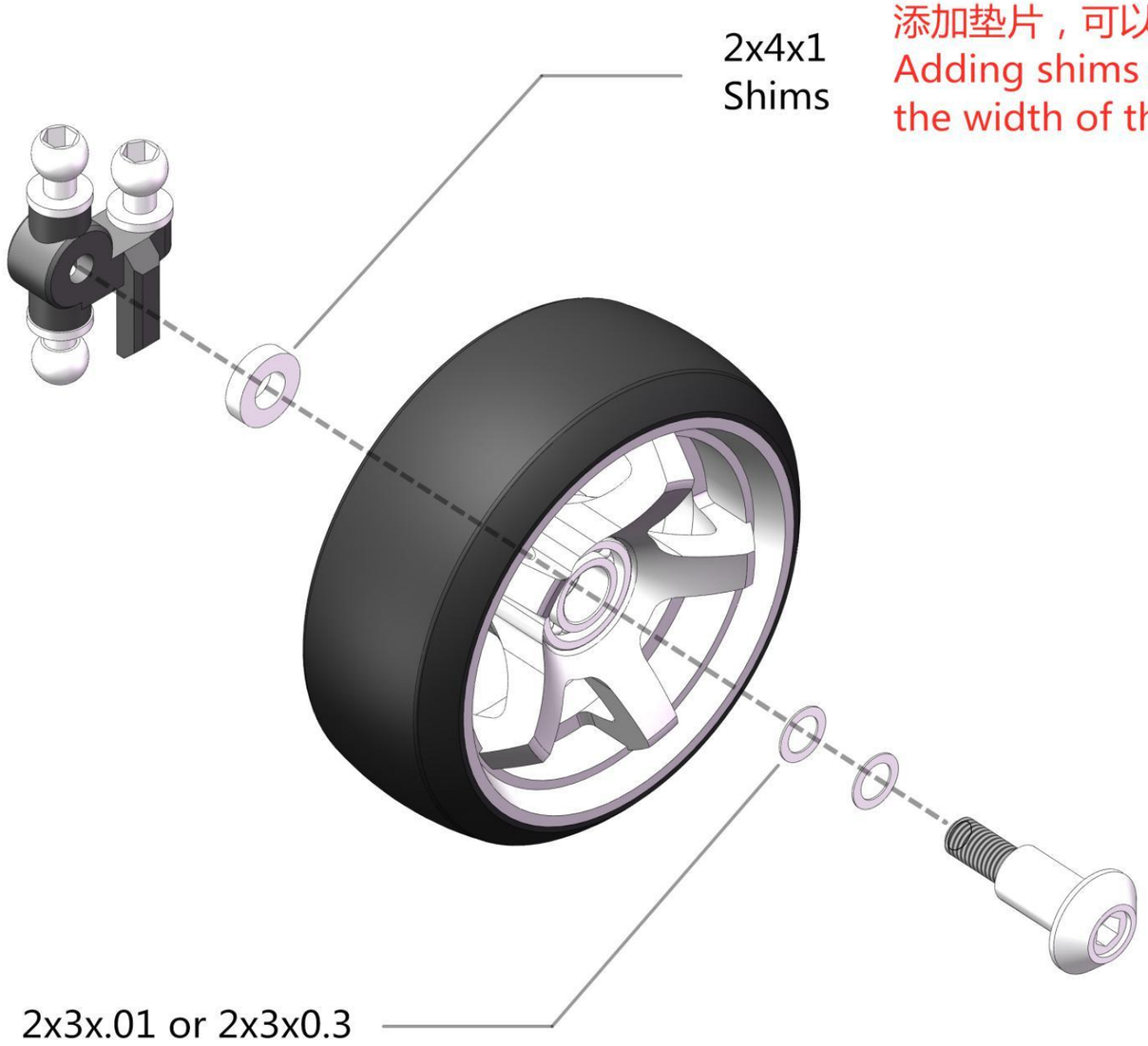


通过孔的位置，改变避震器的支撑力。
Change the support force of the shock absorber through the position of the hole.



Options Front axle

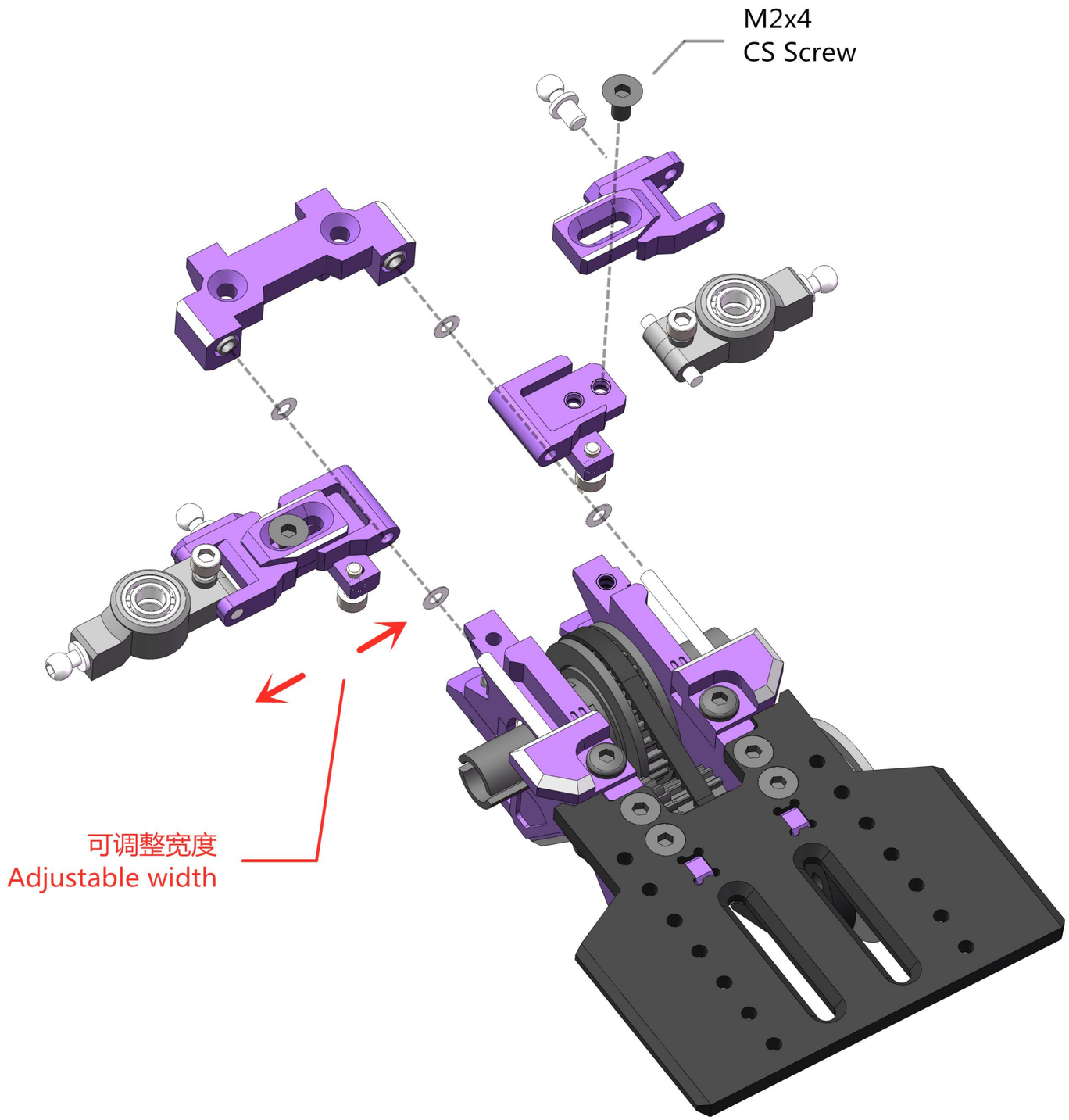
OP前轮轴安装



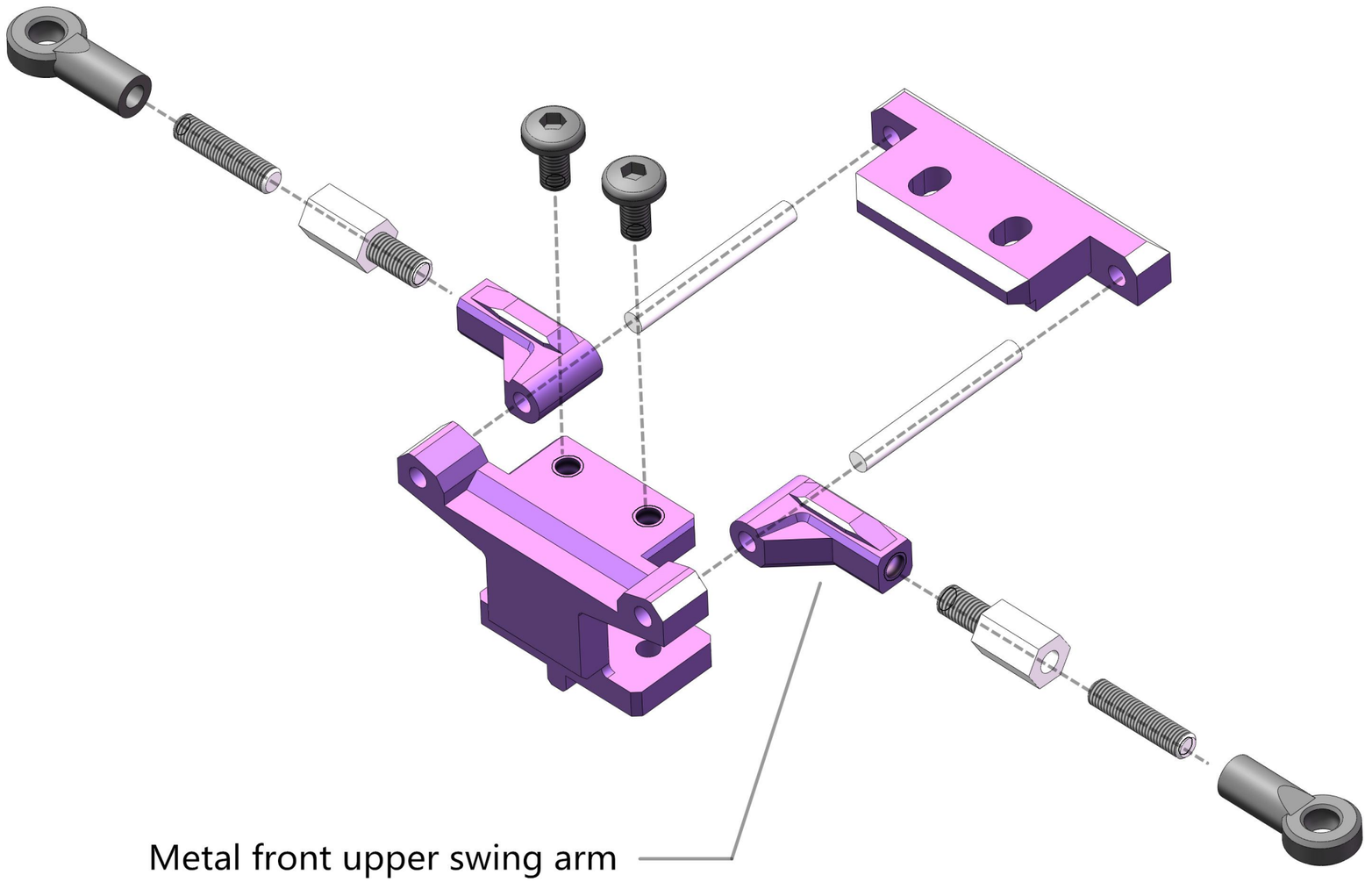
添加垫片，可以增加前轮宽度。
Adding shims can increase the width of the front wheel.

如果安装后，出现太紧的情况，可以增加此类垫片。
If it is too tight after installation, such gaskets can be added.

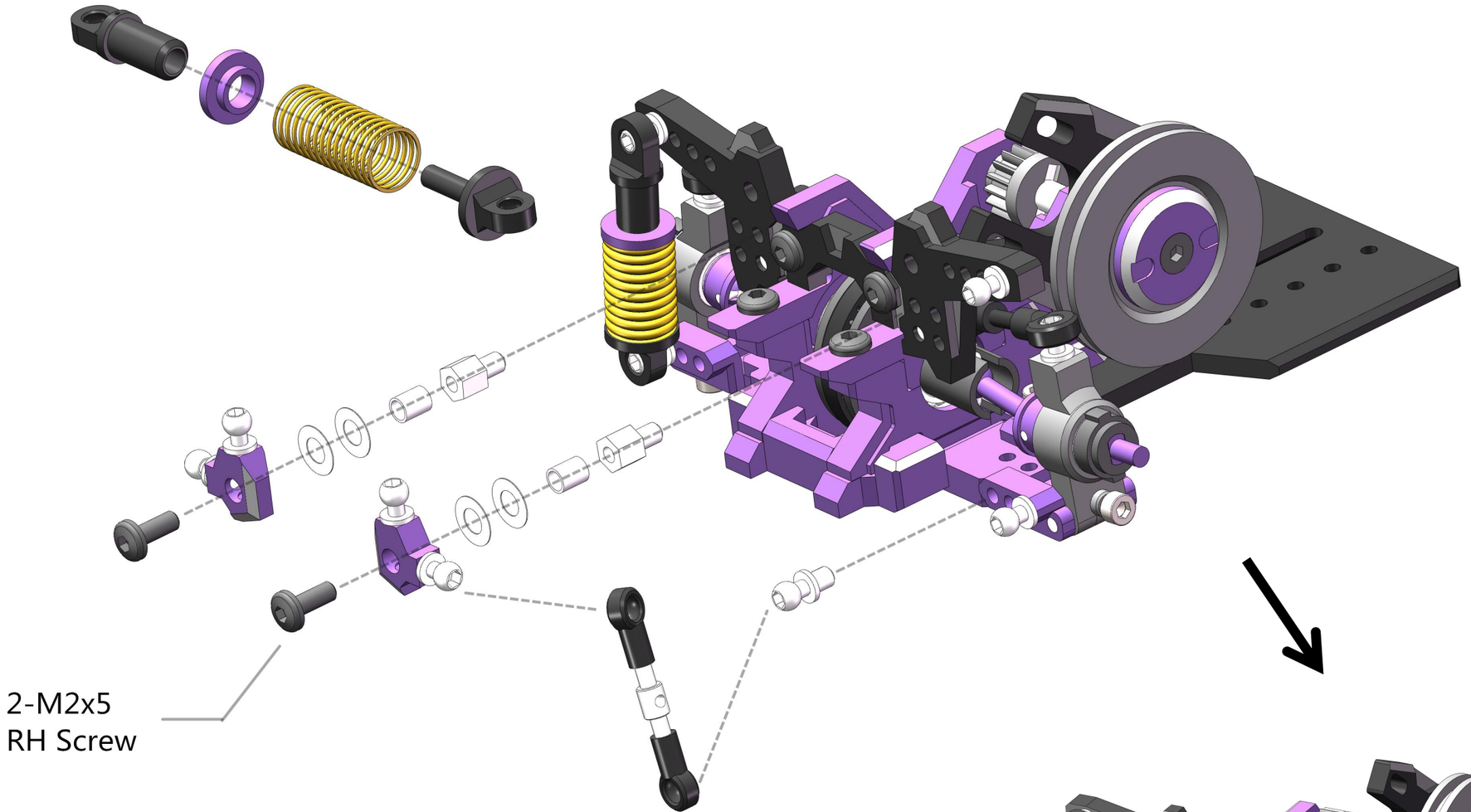
Optional rear lower arm

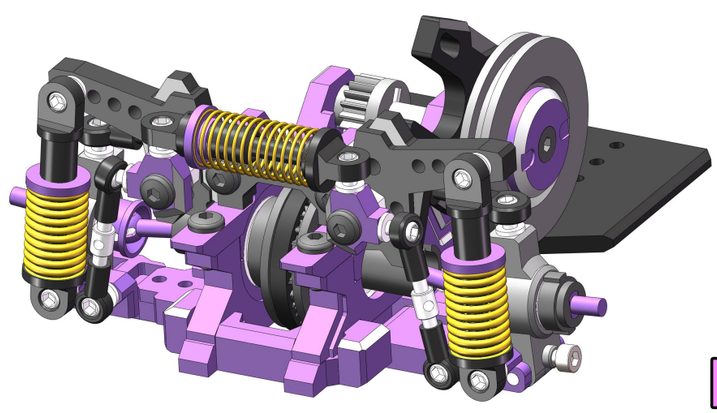


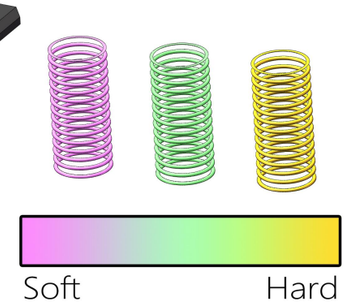
Optional metal front upper swing arm



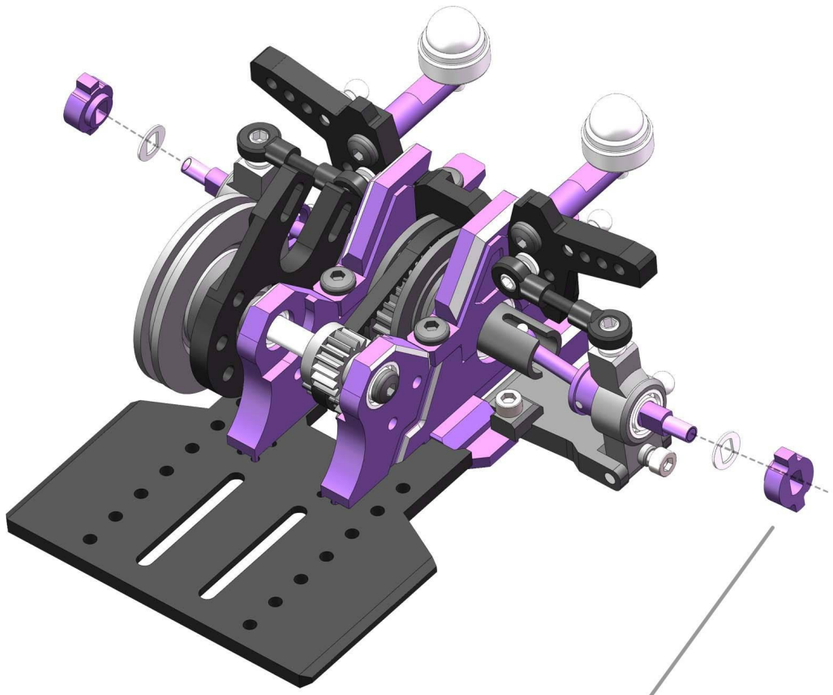
Optional high traction shock absorber



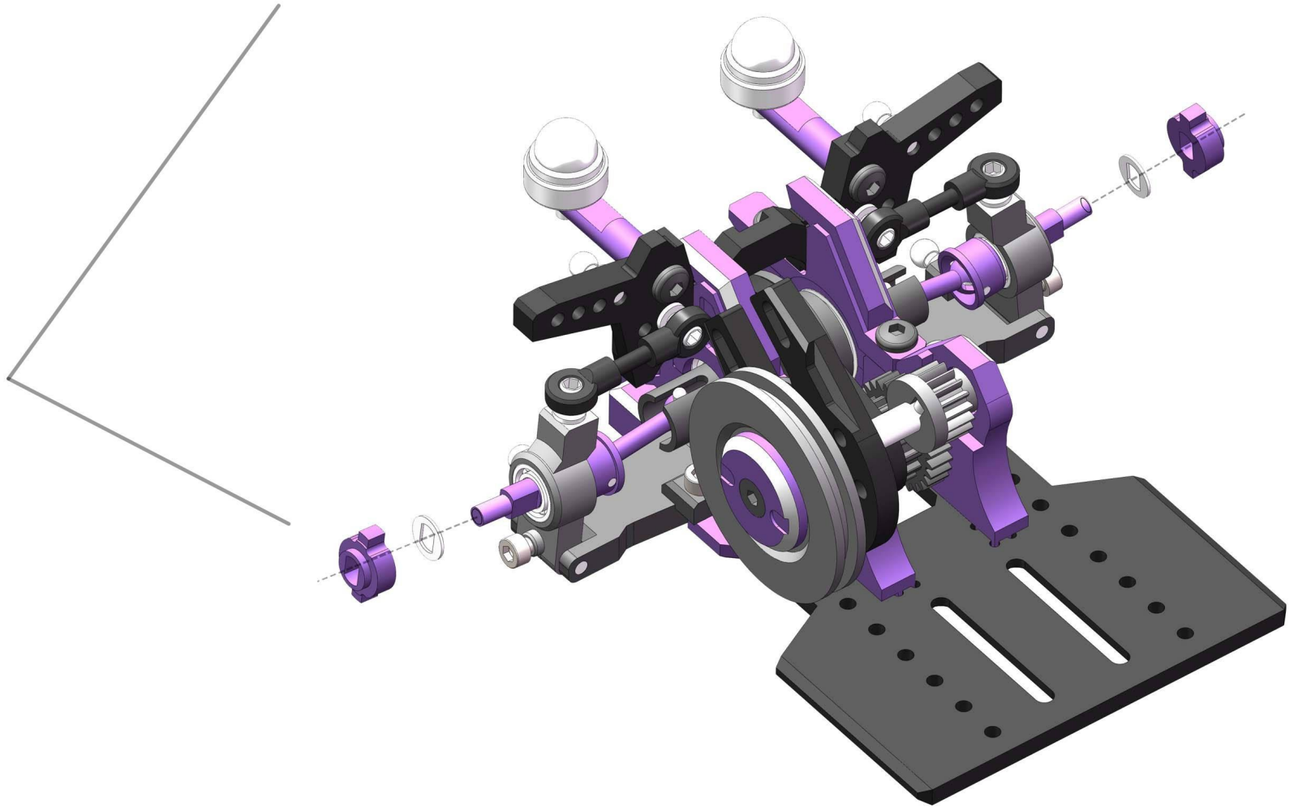




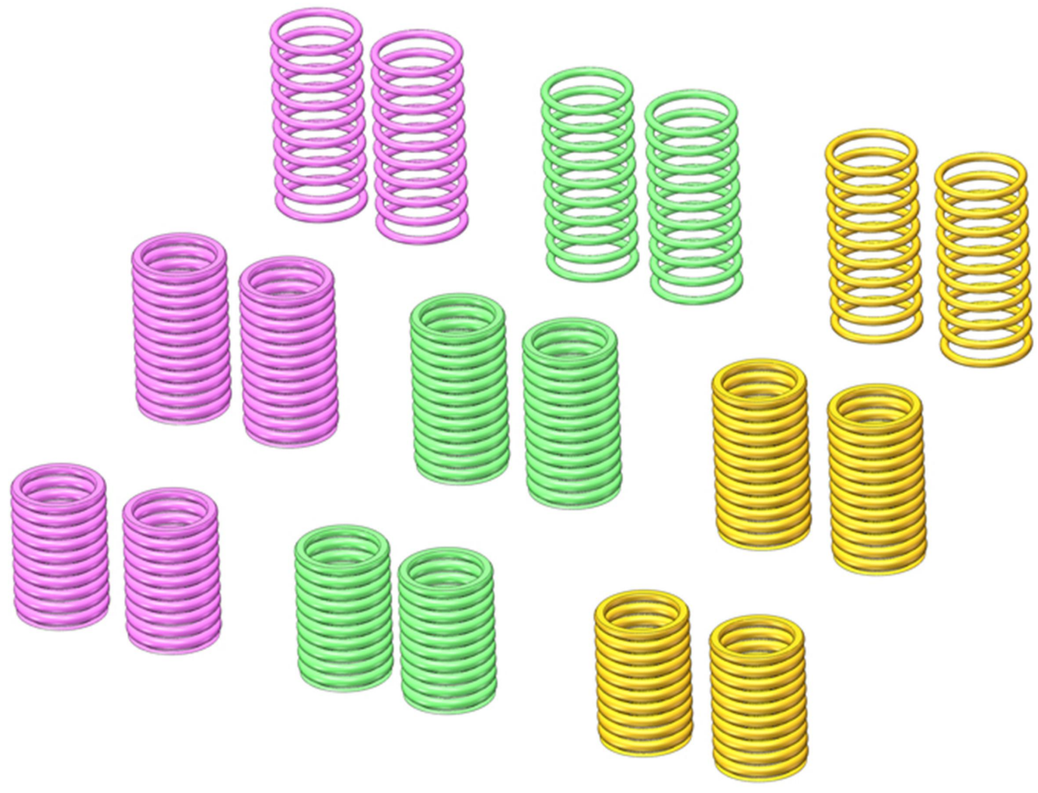
Optional metal combiner



可正反安装，提供不同宽度。
It can be installed in front and back,
with different widths.

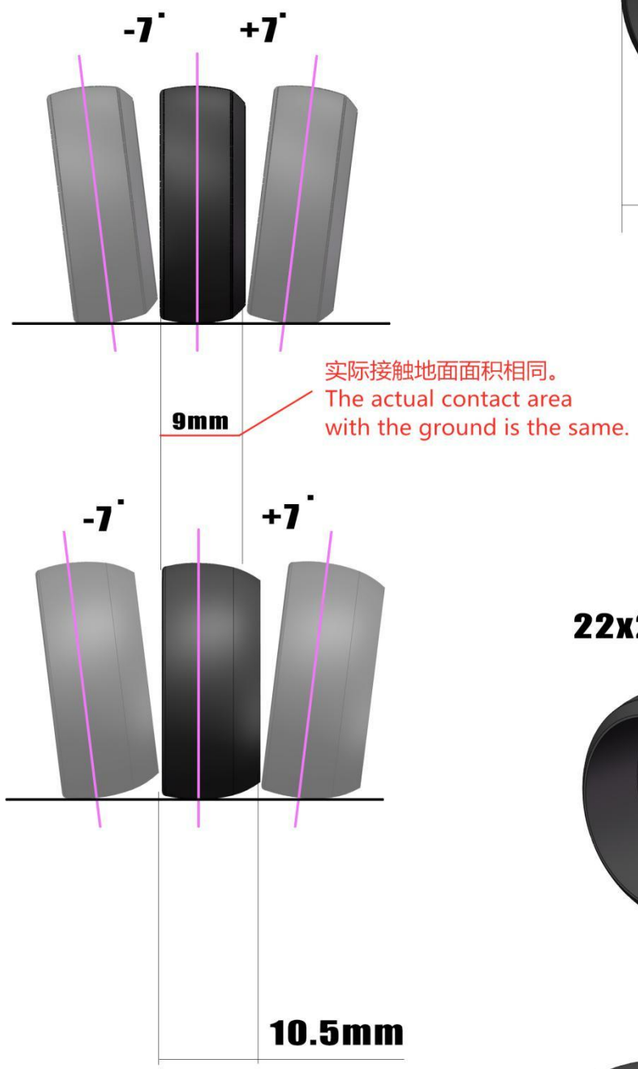


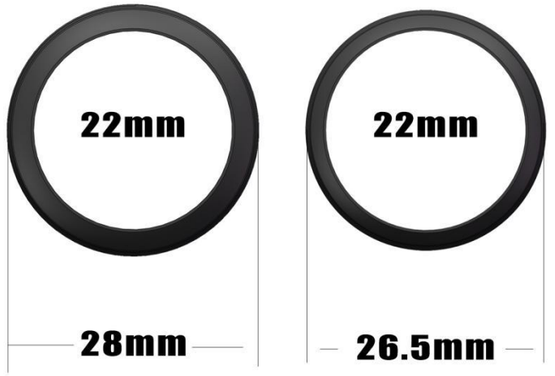
Optional spring



Drift tire

漂移轮胎





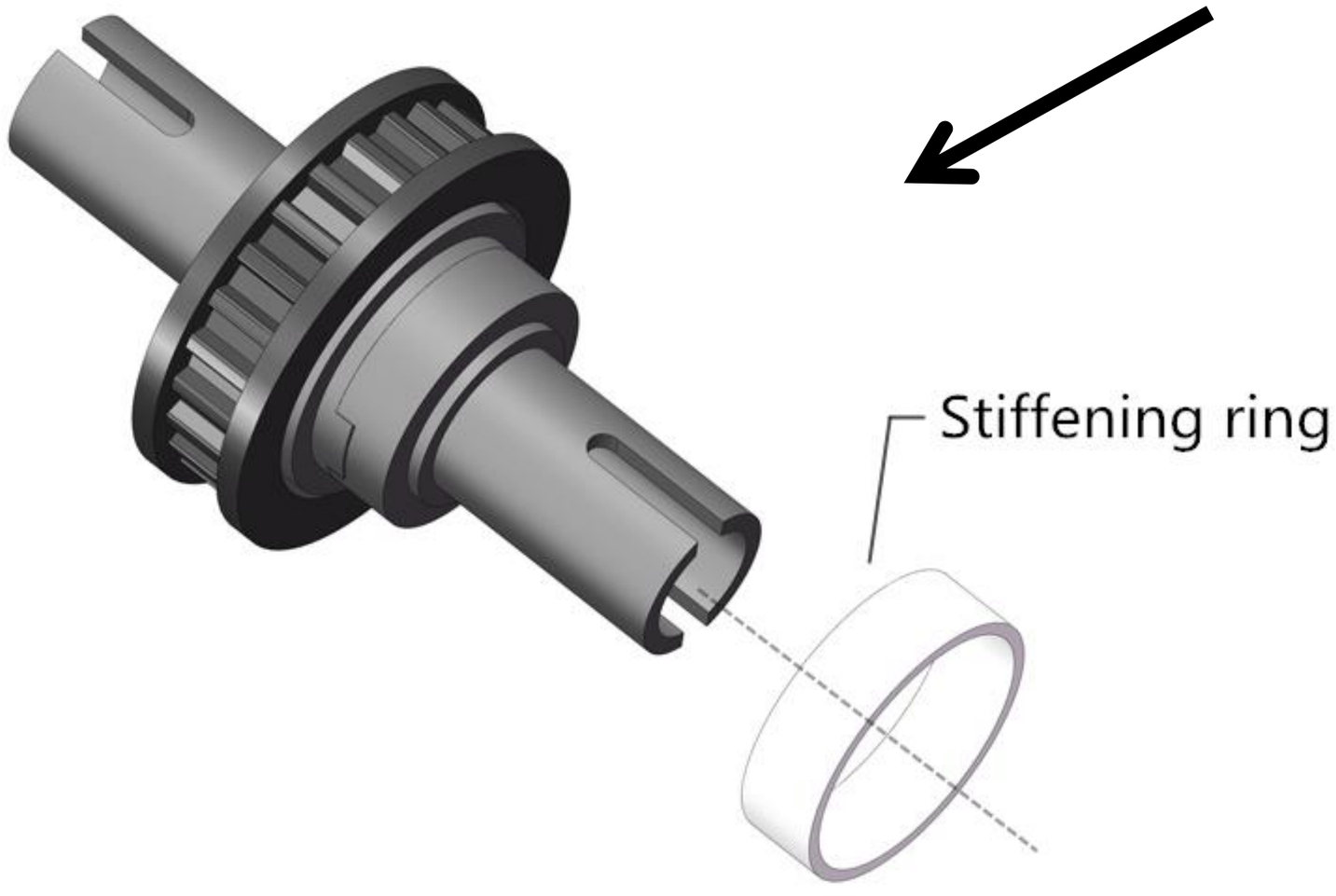
22x26.5x9mm

22x28x9mm

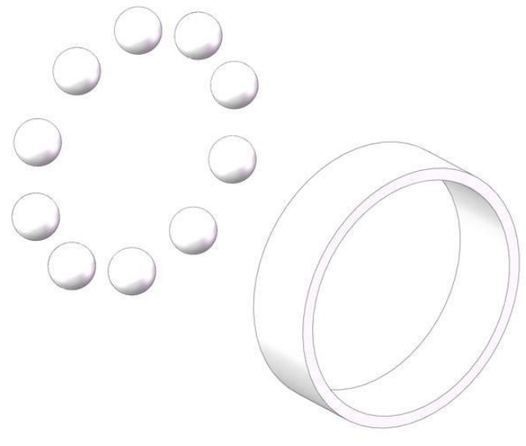
22x26.5x10.5mm

22x28x10.5mm

High traction differential ball



可增加顺滑度，同心度。
Smoothness and concentricity can be increased.



04

Tuning car

车架调教

Ackerman

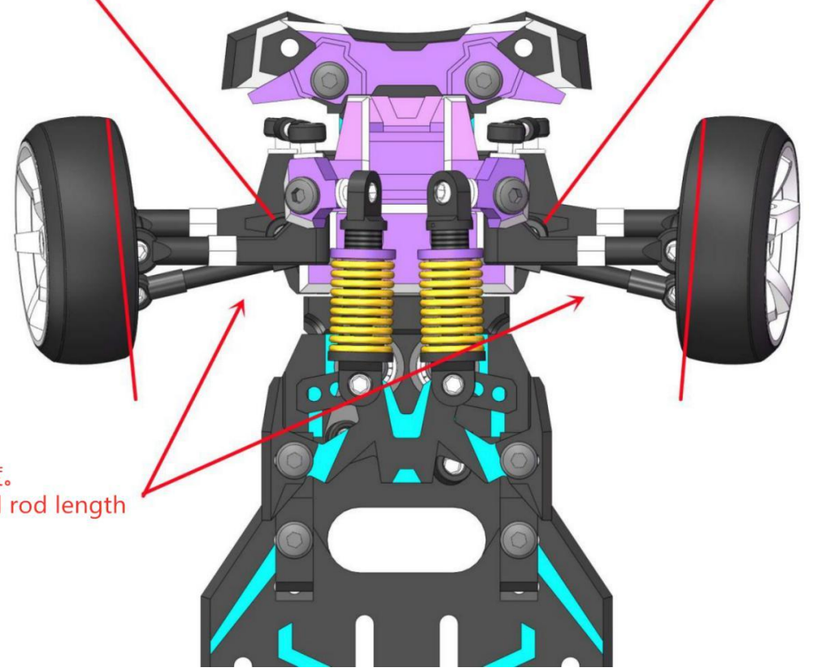
调整转向系统

1、先把下摆臂调节成接近平行于地面

1. First adjust the lower swing arm to be nearly parallel to the ground

2、以球头作为参考物，把转向机构调到中间位置，左右对称。

2. With the ball connector as the reference object, adjust the steering mechanism to the middle position and be symmetrical left and right.



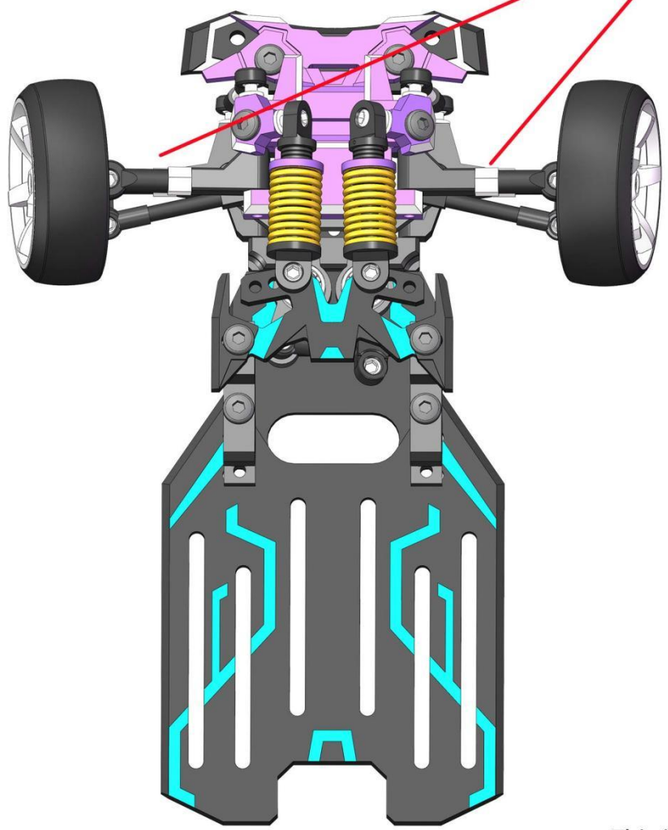
3、按照说明书的拉杆长度。
3. According to the pull rod length in the instructions.

How to observe Ackerman

如何观察阿克曼

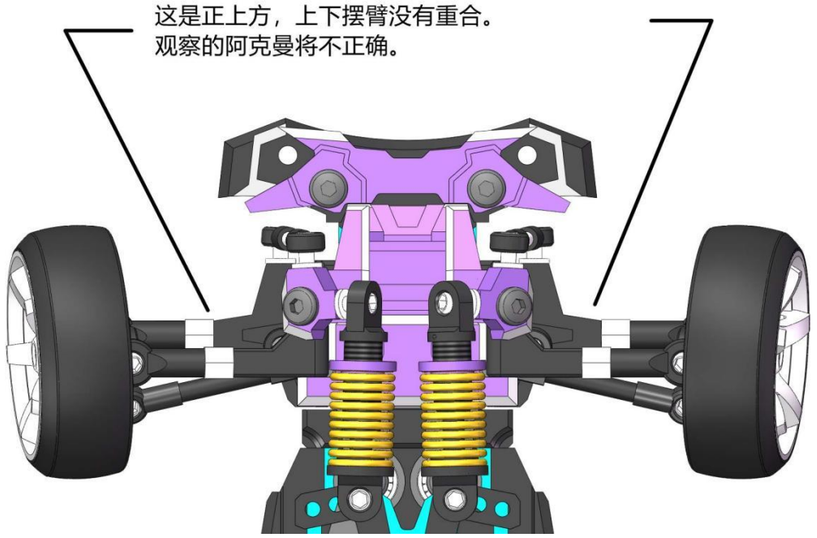
Move the line of sight to the coincidence of the upper and lower swing arms for observation.

把视线移到上下摆臂重合进行观察。



This is just above, and the upper and lower swing arms do not coincide.
The observed Ackerman will be incorrect.

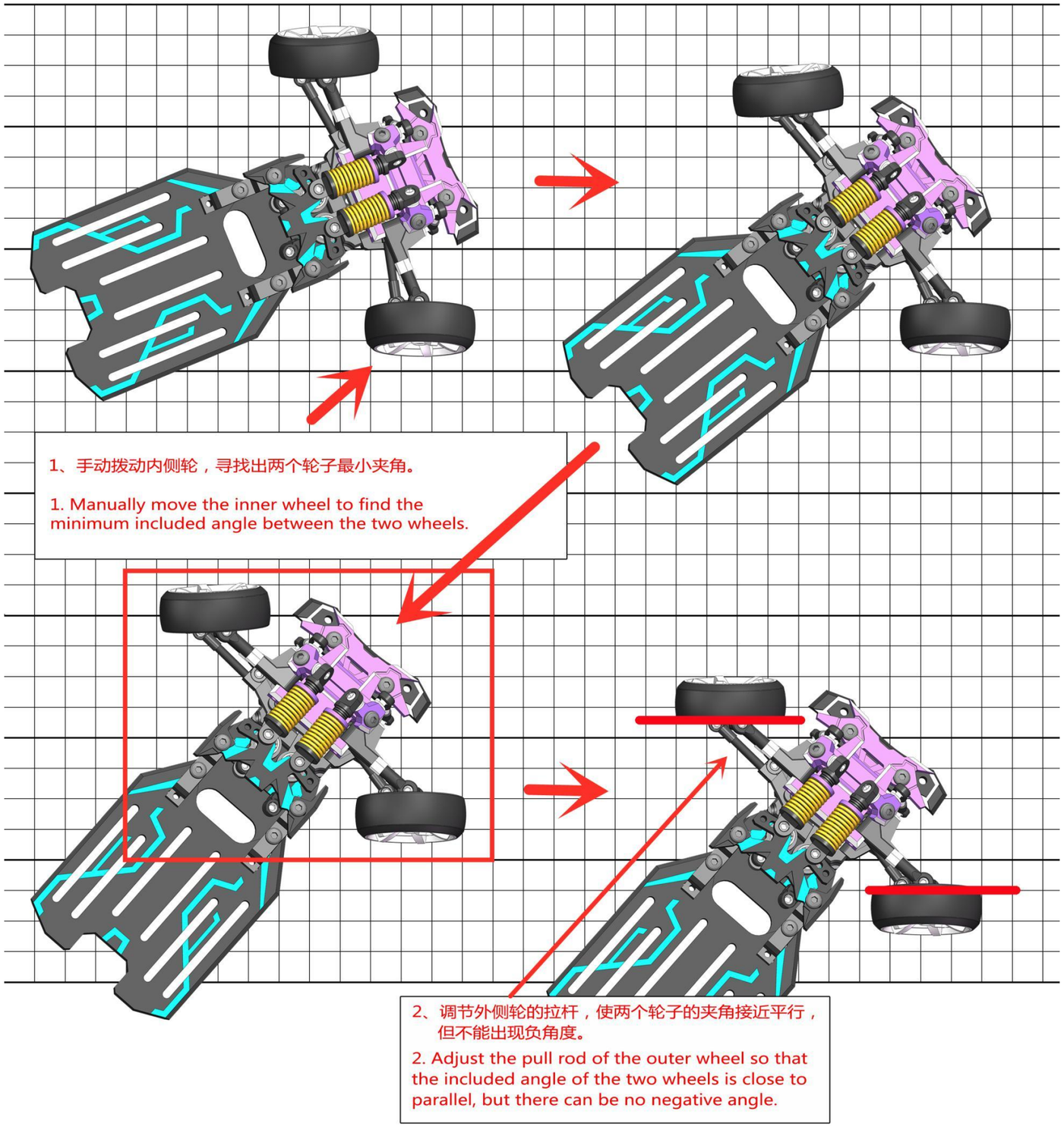
这是正上方，上下摆臂没有重合。
观察的阿克曼将不正确。



How to adjust Ackerman
如何调节阿克曼

使用网格板作为参考

Use grid plate as reference



1、手动拨动内侧轮，寻找出两个轮子最小夹角。

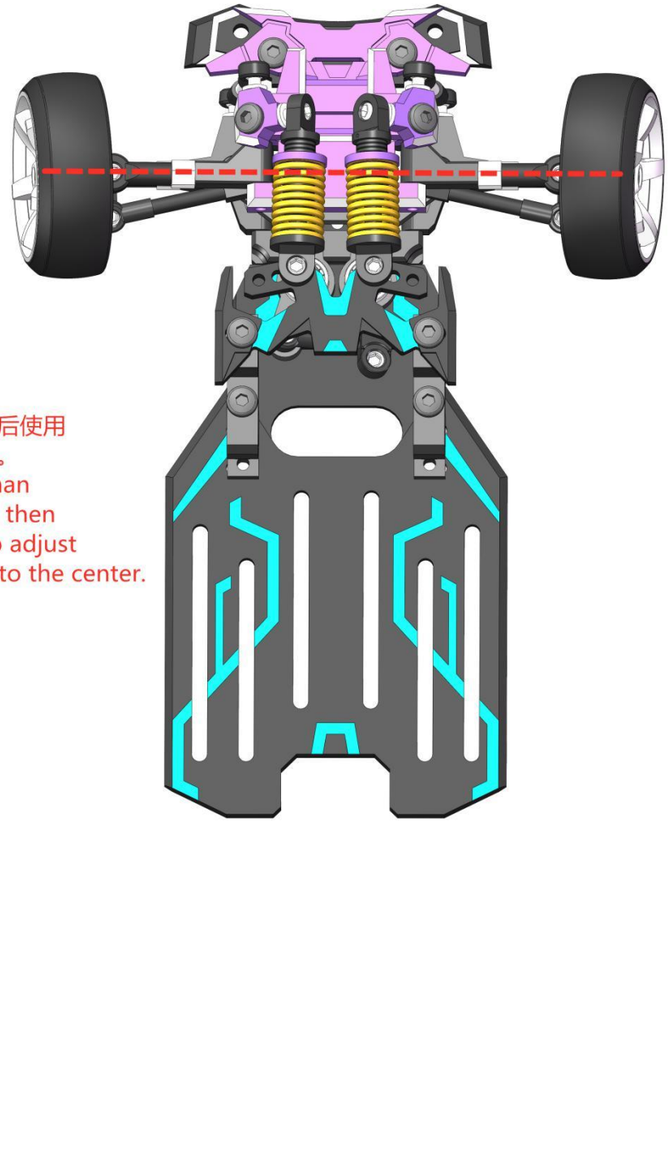
1. Manually move the inner wheel to find the minimum included angle between the two wheels.

2、调节外侧轮的拉杆，使两个轮子的夹角接近平行，但不能出现负角度。

2. Adjust the pull rod of the outer wheel so that the included angle of the two wheels is close to parallel, but there can be no negative angle.

注意虚线位置的上下摆臂，需要装至同一直线。
如果出现偏移，请使用钳子把位置回正。
Note that the upper and lower swing arms at the dotted line need to be installed in the same straight line. If there is an offset, use pliers to correct the position.

左右使用相同方法，
对称调节阿克曼。
Use the same method to adjust Ackerman symmetrically.



物理阿克曼调节完成后，然后使用
遥控器把转向机构调至正中。
After the physical Ackerman adjustment is completed, then use the remote control to adjust the steering mechanism to the center.