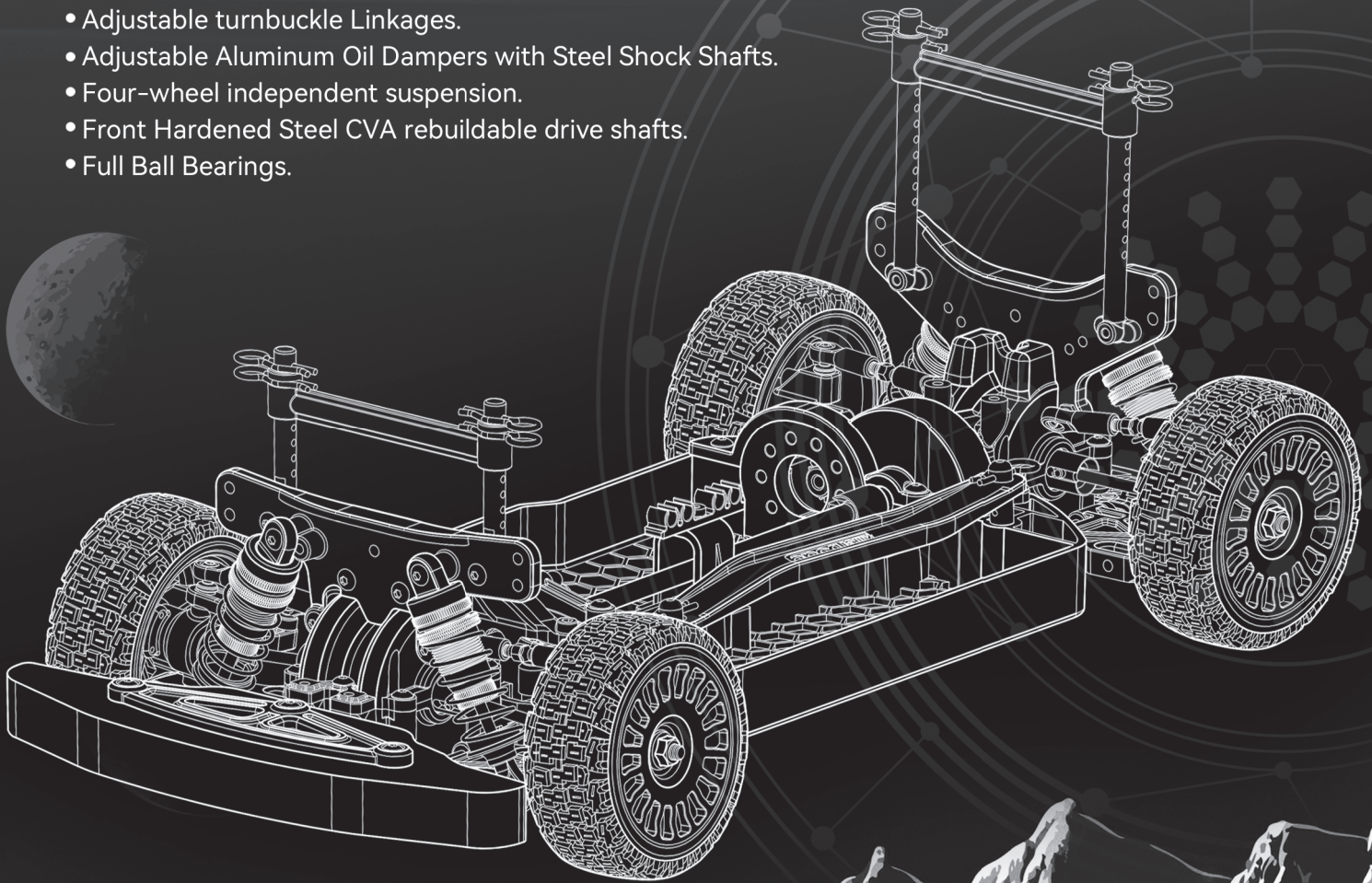


MARS 1/10 4WD Rally Chassis Kit

ASSEMBLY KIT

KR10

- One-piece reinforced nylon high strength chassis.
- 4.3° Chassis side angle design.
- Grade 10.9 Screws.
- Adjustable turnbuckle Linkages.
- Adjustable Aluminum Oil Dampers with Steel Shock Shafts.
- Four-wheel independent suspension.
- Front Hardened Steel CVA rebuildable drive shafts.
- Full Ball Bearings.



WARNING 警告



为防止严重人身伤害及/或财产损失，请按本文所述以负责任的方式操作所有遥控模型。

To prevent serious personal injury and/or property damage, operate all remotely controlled models in a responsible manner as outlined herein.

- This is not a toy, this is a high performance hobby product.
- Do not charge the battery overnight.
- Do not charge the battery unattended.
- Do not charge the battery while it is hot, or ballooned.
- Never fully charge the battery and then store.
- Balance the battery voltage to 7.4v if you are not using it.
- Always unplug or disconnect the battery after using the model.

- 此产品不是玩具，是属于高性能模型产品，有一定的危险性。
- 充电不要过夜。
- 充电时电池不要离开人的视线。
- 电池膨胀，发热时，不要给电池充电。
- 在充满电的电池不适合存放，请务必放完后存放电池。
- 务必平衡充放电，给锂电池三个月保养一次，保存电压在7.4V。
- 在结束使用模型后，务必拔掉电池电源。

CHOOSE THE RIGHT PLACE TO OPERATE YOUR RC MODEL.

- Do not run on public streets or highways, This could cause serious accidents, personal injuries, and/or property damage.
- Never run R/C models near people or animals.
- To avoid injury, do not run in confined spaces.
- Do not run where loud noises can disturb others, such as hospitals and residential areas.
- Never run indoors, There is a high risk of fire and/or damage.

选择合适的场地操作你的遥控模型

- 切勿在公共街道或高速公路上操控，此举可能导致严重事故、人身伤害及财产损失。
- 切勿在人群或动物附近操控遥控模型，为避免受伤，请勿在狭窄空间内操控。
- 勿在医院及住宅区等嘈杂场所操控，以免打扰他人。
- 切勿在室内操控，存在火灾和/或损坏的高风险。

INSPECT YOUR MODEL BEFORE OPERATION.

- Make sure that all screws and nuts are properly tightened, it is also a good idea to use removable thread lock wherever metal screws go into metal, especially for engine mounts and the engine pilot shaft.
- Always use fresh batteries for your transmitter and for your receiver to avoid losing control of the model.
- Always test the brakes and throttle before starting your engine to avoid losing control of the model.
- Make sure no one else is using the same radio frequency as you are using.

操作前检查您的模型

- 确保所有螺钉和螺母都正确拧紧，在金属螺钉插入金属的地方使用可拆卸的螺纹锁也是一个好主意，特别是对于发动机悬置和发动机导向轴。
- 始终为发射机和接收机使用新电池，以避免失控模型。
- 在启动发动机之前，一定要测试刹车和油门，以避免失去对模型的控制。
- 确保没有其他人使用与您相同的无线电频率。

AFTER OPERATION OF YOUR R/C MODEL

- Turn off receiver first, then turn off transmitter, this will prevent runaways.
- Be careful when handling batteries, they will be hot after running.
- Replace any batteries that have been dented or have frayed wires, short circuits can cause fire.
- Be sure to keep your R/C model clean and free of excess dirt and grease, this will increase the life.

在你的R/C模型运行后

- 先关闭接收器，然后关闭发射器，这将防止失控。
- 处理电池时要小心，运行后会很热。
- 更换任何有凹痕或电线磨损的电池，短路会导致火灾。
- 请确保您的R/C模型保持清洁，没有多余的污垢和油脂，这将延长其使用寿命。

使用锂电池注意事项:

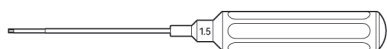
- 仔细阅读使用电池说明书，使用所推荐的电池，按操作规程操作；
- 无人监护时，不要让儿童更换电池，应放在儿童不能拿到的地方；
- 不要将充电电池短路，否则会损坏电池，并会发热使电池燃烧；
- 只能使用专用锂电池充电器，其他类型的充电器不能混用；
- 不要拆卸电池，或试图用尖锐利器穿透电池，会使锂电池爆燃并引起火灾；
- 应当从长期不使用的电器中取出电池，将电池电量放空后保存，并每3个月左右取出充放电一次；
- 不要加热电池或将电池丢入水中或火中，将电池放入水中会使电池失效，将电池放入火中会使电池破裂，或发生爆炸；
- 不能将电池焊接使用，焊接时产生的高温会损坏电池的内部结构，可能会使电池损坏不能使用，甚至出现危险；
- 不能反向充电，反向充电等于过放电，过放电会使电池内部发生不良反应并严重损坏电池，产生大量气体，会使充电电池发生化学泄露；
- 不能将充电电池放在水以及任何液体里，液体导电，很有可能发生短路，使电池因瞬间大电流放电而发烫，损坏电池发生危险；
- 不要将电池储存在高温或者高湿度的环境，电池有可能加速老化，腐蚀电子元器件；
- 不要将电池正负极插反，否则会导致电池鼓胀，破裂，燃烧，发生危险。
- 如果锂电池已经鼓胀，请不要再使用和充放电；
- 不要试图用加热，充电或其它方法使一次性电池再生，以免发生危险；
- 电池应保存在阴凉，干燥处，避免阳光直射；
- 电池保存时，存放在锂电池防爆箱内；
- 使用完遥控车后应断开电源开关，再关遥控器，以免因发热等而起火；

Charging Warning:

Warning: follow all instructions and warnings, handle the Li-ion battery correctly or it can result in a fire, personal injury and or property damage.

- Never charge batteries overnight.
- Never charge the batteries when it is higher than room temperature.
- Never charge batteries if batteries begin to swell, balloon, damaged, cable wire is exposed.
- By handling, charging, or using the included Li-ion battery, you assume all risks associated with lithium batteries
- Always transport the batteries in a temperature range from 40F-120F (5-49 degrees).
- Avoid storing the batteries or your model in a car or direct sunlight, The batteries can be damaged or even catch fire.
- Always charge batteries in a safe place, without flammable materials or use a battery charging safety bag.
- Never charge the batteries beyond the charging limit and capacity limit of your battery.
- Never charge the batteries right after playing the model, wait until it is cool down in room temperature.
- Use only the included USB charger to charge the battery.
- Never charge batteries unattended.
- Always store batteries at room temperature in a dry area for best result.

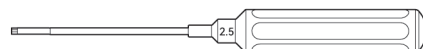
TOOLS REQUIRED 所需工具



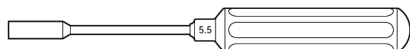
Allen Wrench 1.5mm (1.5mm内六角螺丝刀)



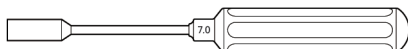
Allen Wrench 2.0mm (2.0mm内六角螺丝刀)



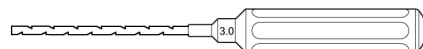
Allen Wrench 2.5mm (2.5mm内六角螺丝刀)



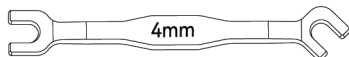
Socket Driver 5.5mm (5.5mm套筒)



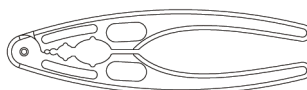
Socket Driver 7.0mm (7.0mm套筒)



Arm Reamer 3.0mm (3.0mm铰刀)



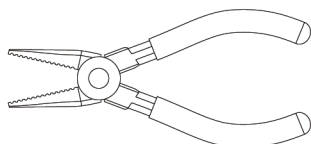
Turnbuckle Wrench (4mm 连杆扳手)



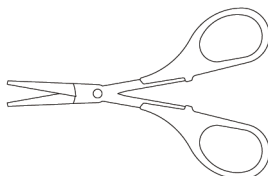
Multi Clamp (多功能钳)



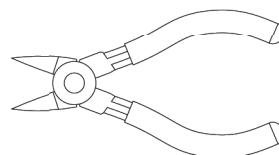
Tweezer (镊子)



Pliers (尖嘴钳)



Curved Scissors (弯剪)



Side Cutters (斜口剪)



Cutter (美工刀)



Apply Instant Cement
(NOT INCLUDED)
(胶水, 本产品不包含)



Apply Threadlock
(NOT INCLUDED)
(螺丝胶, 本产品不包含)



Apply Silicone Oil
(NOT INCLUDED)
(硅油, 本产品不包含)



Apply Grease
(NOT INCLUDED)
(润滑油脂, 本产品不包含)

x2

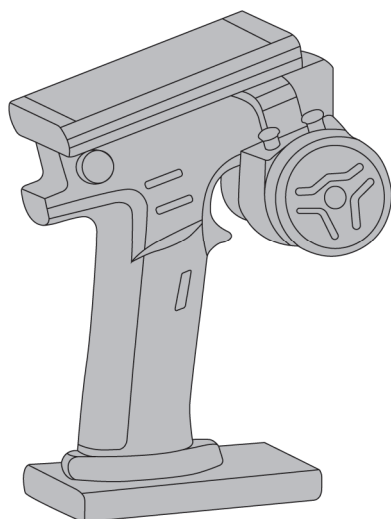
Assemble as many times as specified
(按指定的次数组装)

EQUIPMENT NEEDED 所需电子设备

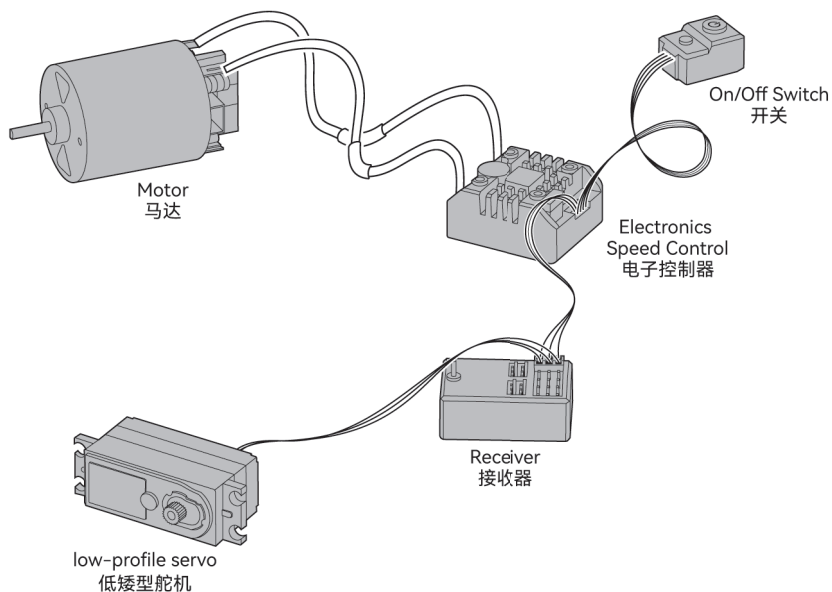
Radio Control System 无线电控制系统

You will need a short 25T steering servo, a 540 motor, a 2-channel remote control system and a 2~3S ESC.

需要一个25T转向舵机、一个540电机和一个2通道遥控系统和一个支持2~3S锂电的电子调速器。



Remote control system
遥控器

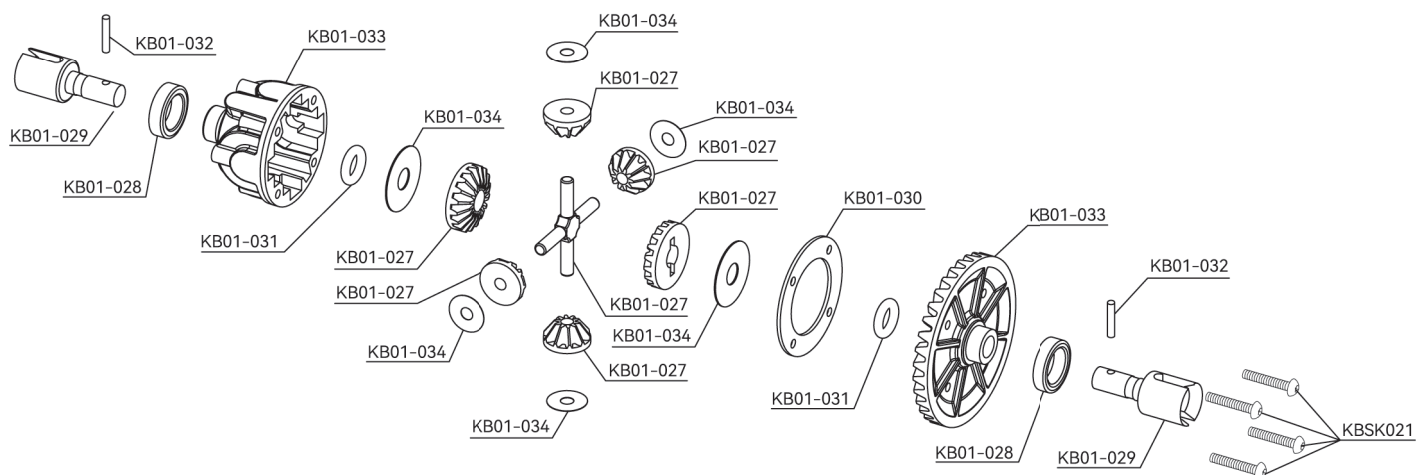




前和后差速器安装

FRONT & REAR DIFFERENTIAL ASSEMBLY

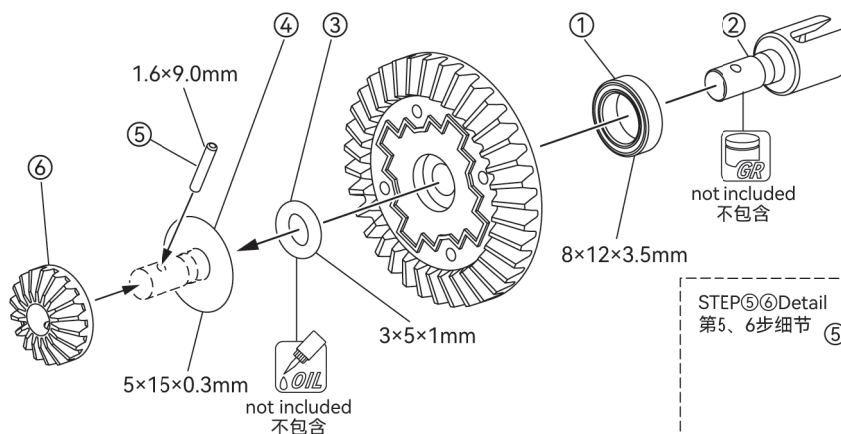
KB01-035



KB01-027	Composite Diff Bevel Gear Set (Mars) 尼龙差速齿轮组(Mars)
KB01-028	Sealed ball bearings 8x12x3.5mm 4pcs 黑盖滚珠轴承8x12x3.5mm 4pcs
KB01-029	Gear Diff Outdrive 2pcs (Mars) 差速器驱动杯 2pcs (Mars)
KB01-030	Differential Gasket (4pcs) (Mars) 差速油封(4pcs)(Mars)
KB01-031	Differential O-Ring (3x5x1mm) (Mars) 差速器O圈(3x5x1mm)(Mars)
KB01-032	Differential out drive pin 1.6x9mm 10pcs (Mars) 差速杯插销1.6x9mm 10pcs(Mars)
KB01-033	Gear Differential case with gasket and Bevel Gear (Mars) 差速壳, 油封, 差速伞齿 (Mars)
KB01-034	Differential Gear shim 5x15x0.3mm 10pcs 3x9x0.1mm 10pcs (Mars) 差速器垫片组 大5x15x0.3mm垫片 10pcs 小3x9x0.1mm垫片 10pcs (Mars)
KB01-035	Gear Differential Set (Mars) 差速器组 (Mars)
KBSK021	Round Head Screw M2.0x10mm TM2.0x10圆头螺丝

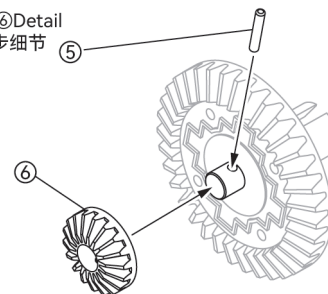


1



x2

STEP ⑤⑥ Detail
第5、6步细节

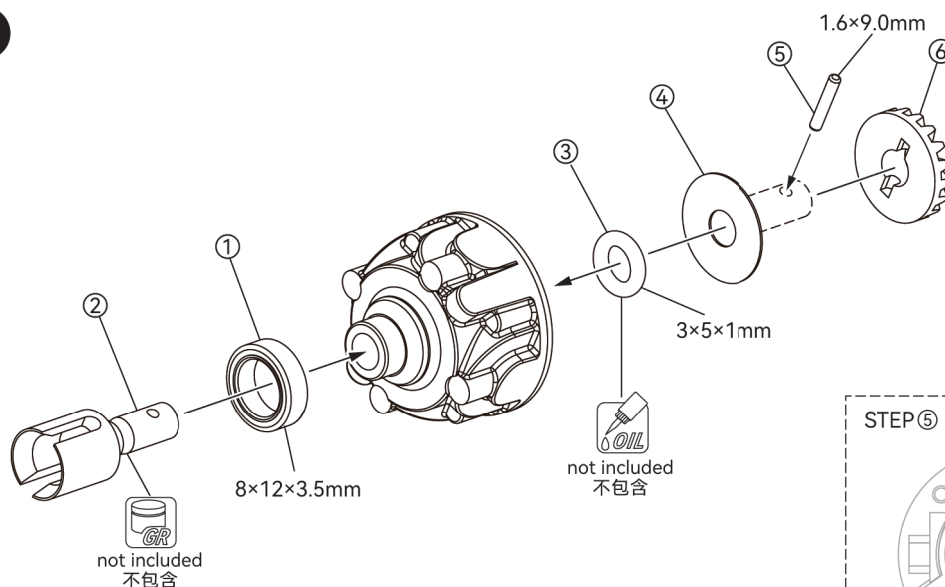


Installation order: ①→②→③→④→⑤→⑥

安装顺序: ①→②→③→④→⑤→⑥

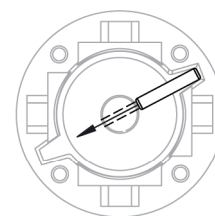


2



x2

STEP ⑤ Detail 第5步细节



Installation order: ①→②→③→④→⑤→⑥

安装顺序: ①→②→③→④→⑤→⑥

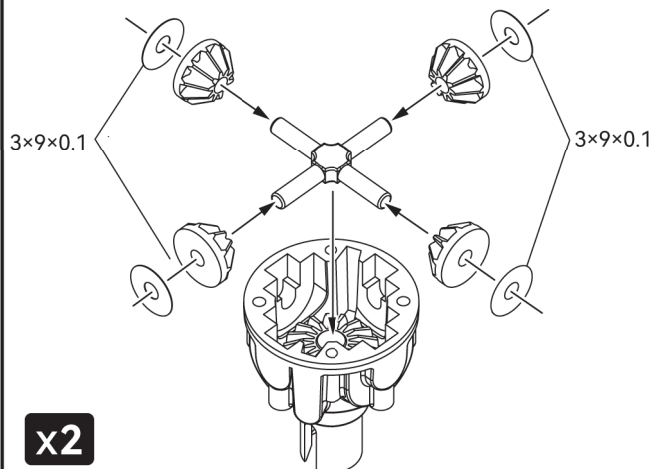


3

PROPER AMOUNT OF OIL IN THE DIFFS 差速油液添加适量

Remember that during operation the diff gets hotter and the heat may allow the oil to expand, if there is too much oil inside it may interfere with the diff operation and damage the internal gears.

差速器运行产生的热量会导致油液膨胀, 注油过量会影响运转损坏齿轮。



x2

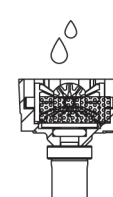
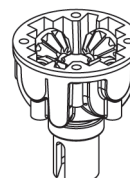
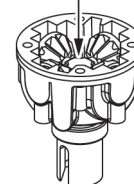
Front diff 前差

Silicone oil 10000Cst
Fill just above the cross-pins
油液没过十字轴

not included
不包含

Rear diff 后差

Silicone oil 3000Cst
Fill just above the cross-pins.
油液没过十字轴



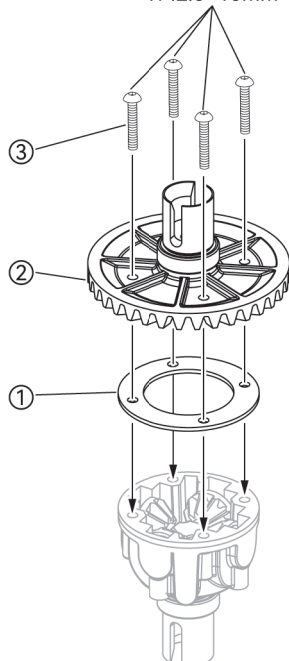
not included
不包含

Fill differential up to the top of the diff cross-pins, DO NOT fill the diff to the top of the housing.
差速油液没过十字轴即可不可加满壳体。


 Round Head Screw
 圆头螺丝 TM2×10mm
 x8

4

TM2.0×10mm

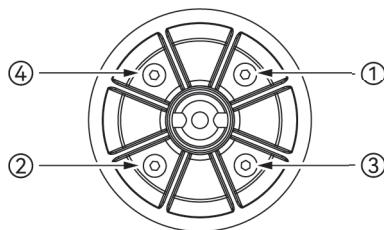
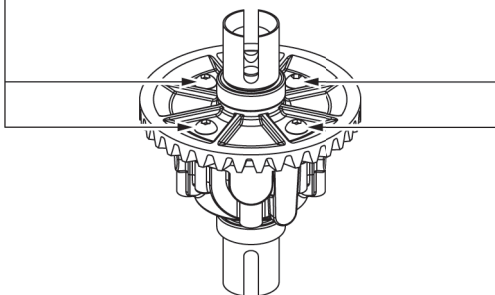


x2

Installation order: ①→②→③
 安装顺序: ①→②→③

x2

Tighten the screws equally but do
 NOT tighten them completely.
 先用均匀的力道拧紧螺丝，但不要完全拧紧。

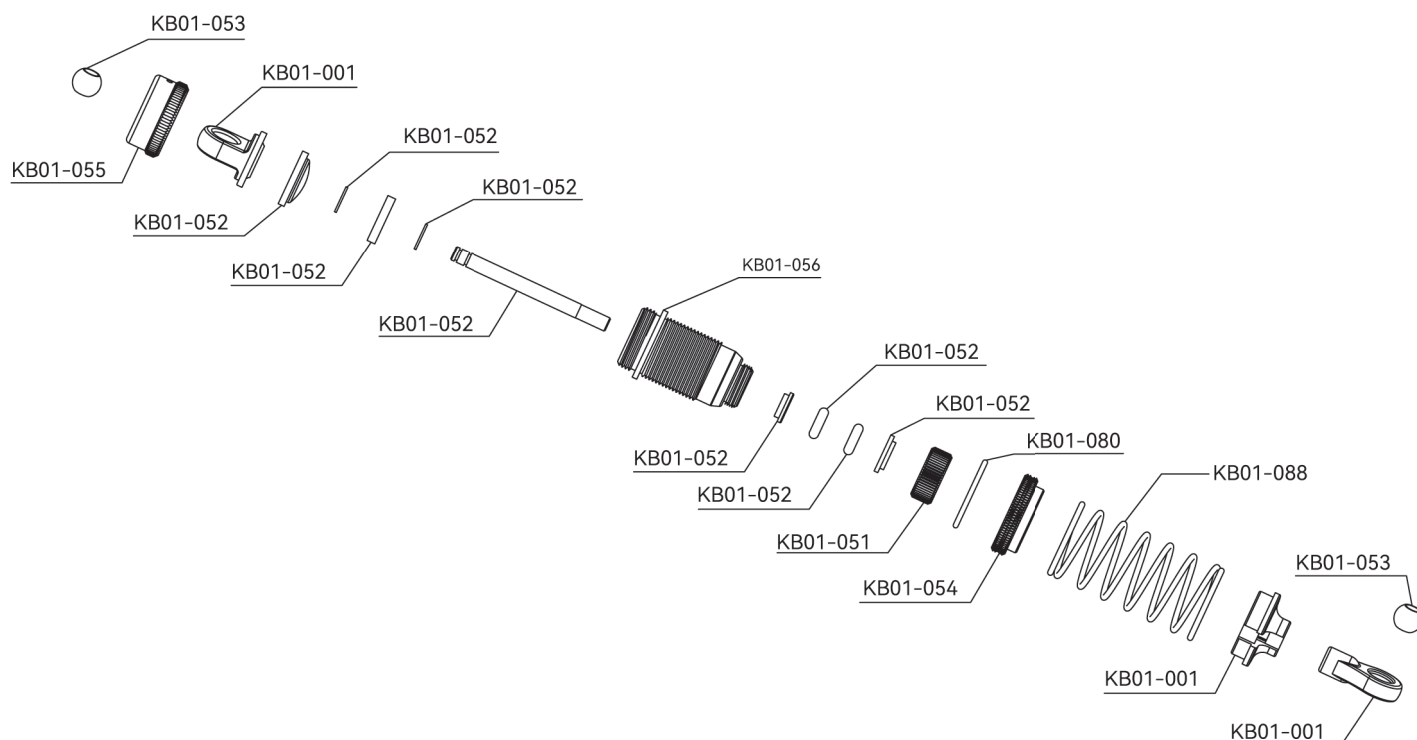


Finish tightening in this order.
 然后按以下顺序完全拧紧螺丝。



前后减震器总成 FRONT & REAR SHOCK ASSEMBLY

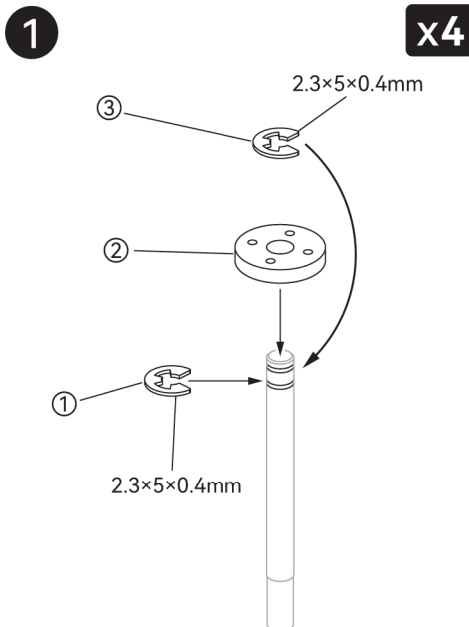
KB02-057



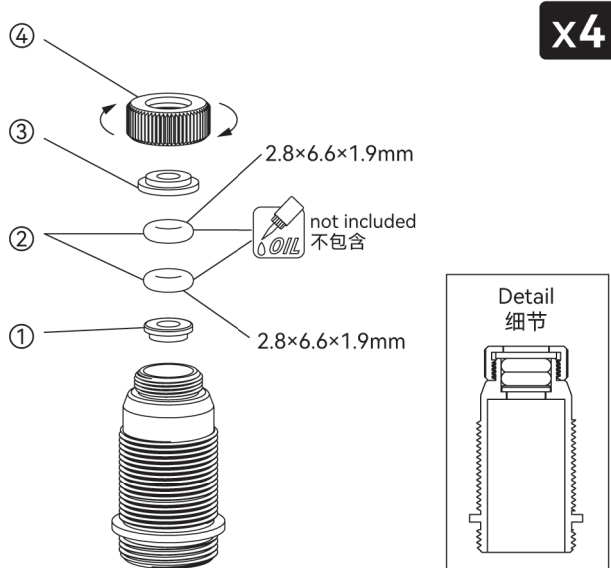
KB01-001	Shock Parts: Upper and Lower Composite Ball Caps and Spring holder (Mars) 避震组胶件(Mars)
KB01-051	Lower Shock Caps 2pcs (Mars) 避震器下盖 2pcs (Mars)
KB01-052	Shock Accessories 2 sets (Mars) 油压配件组 2组 (Mars)
KB01-053	Aluminum Ball For Shocks 10pcs 铝合金球头 10pcs
KB01-054	Shock Adjustable Nut Aluminum 2 sets 避震器调节环 2sets
KB01-055	Shock Upper Caps Aluminum 2pcs (Mars) 铝合金避震器上盖 2pcs (Mars)
KB01-056	Shock bodies 2pcs (Mars) 油压筒 2pcs (Mars)
KB01-057	Shock sets 2 sets (Mars) 油压组 2组 (Mars)
KB01-080	Oring for shock adjustable nut 2pcs 13×15×1mm 调节环O圈 2pcs 13×15×1mm
KB01-088	Springs, L32.1, 6T, 1.1D 油压弹簧 (ø1.1×N6×L32.1)



E-clip
E形锁片
2.3×5×0.4mm
×8



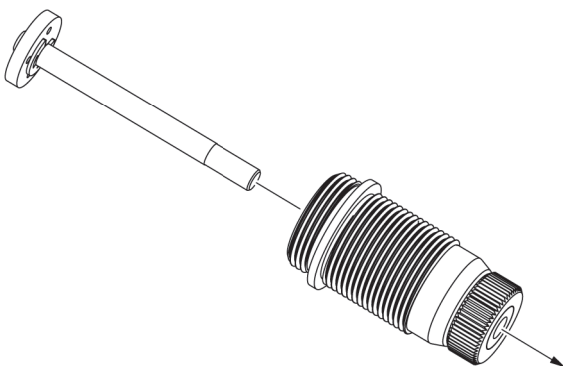
Installation order: ①→②→③
安装顺序: ①→②→③



Installation order: ①→②→③→④
安装顺序: ①→②→③→④



The front and rear shock absorbers are the same length.
前后避震长度一样。

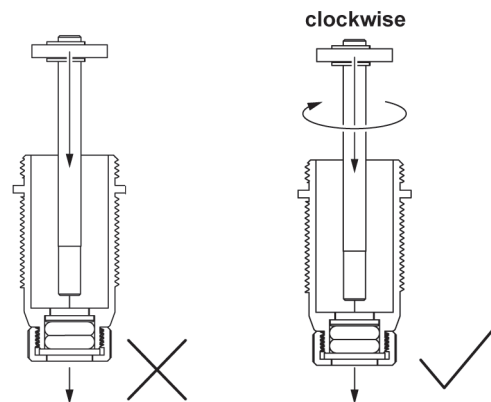


EXTREMELY IMPORTANT

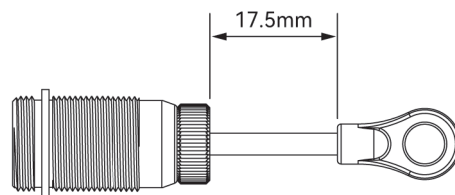
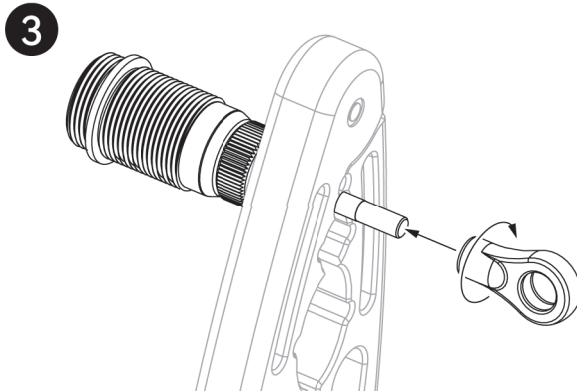
Rotate the shock shaft clockwise through the lower shock body assembly. Do not push the shock shaft straight through the lower shock body assembly. This may damage O-ring.(See below)

特别注意:

避震芯通过避震桶时, 必须边顺时针旋转轴芯边通过, 不按此方法有可能损坏O圈。如下图所示:



O-Ring
O型圈 2.8×6.6×1.9mm
X4



Note: Please use multi-function forceps for operation. (Not included)
注意: 请使用多功能钳进行操作 (不包含)。

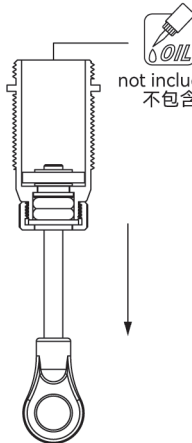
Default Shock Rebound Setting 0% Rebound. 原厂设定避震回弹率0%。

Follow the steps below to set the shock rebound to the default setting of 0%. 请按以下步骤设定0%回弹率。

x2 FRONT 前避震 Oil 350cst-700cst

x2 REAR 后避震 Oil 350cst-600cst

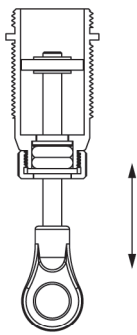
①



not included
不包含

Extend the shock shaft all the way Fill with shock oil.
将避震行程拉到最大，倒入避震油。

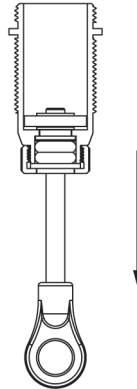
②



3~5x UP & DOWN
上下移动3~5次

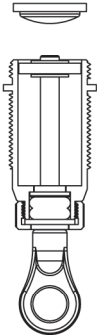
Move the shock shaft up and down a few times to release the air bubbles trapped beneath the piston.
上下拉动避震芯，把活塞下方气泡释放出来。

③



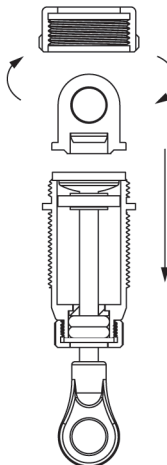
Put the filled shock vertically for several minutes with the shock shaft fully extended in order to release the remaining air bubbles.
把避震芯拉到最长，垂直放置几分钟，直到气泡消失。

④



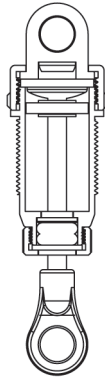
With the shock shaft fully retracted, install shock diaphragm onto shock body by slightly pushing it into the shock body allowing excess oil over flow, wipe off excess shock oil with a towel before moving onto the next step.
将避震芯行程推到最上方，然后轻轻地油压气室盖在避震桶上，用手轻轻按压排出多余避震油。

⑤



Place the shock ball joint onto shock diaphragm and tighten upper shock cap onto shock body.
轻轻地避震上波帽放在油压气室上，并缓慢地将油压上盖拧紧。

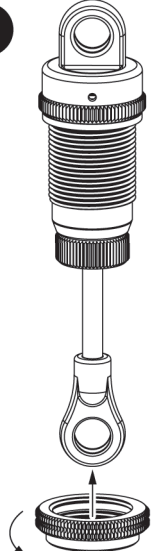
⑥



At this point, the shock absorber will have 0% rebound.
此时避震器将会是0%的回弹。



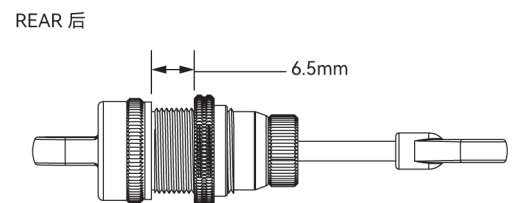
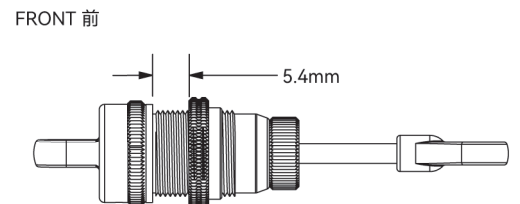
4



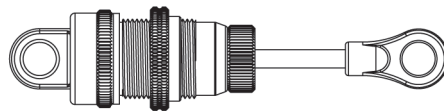
DETAIL 细节

not included
不包含

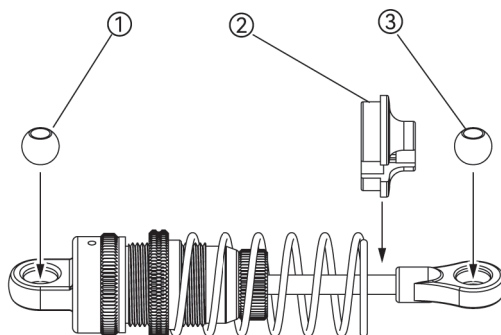
13×15×1mm



5



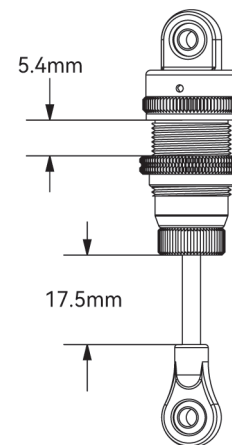
x4



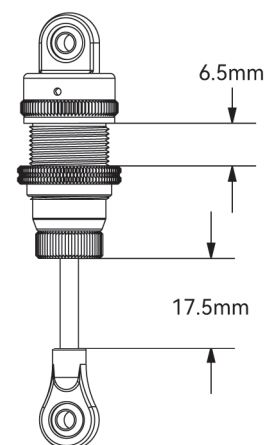
Installation order: ①→②→③

安装顺序: ①→②→③

FRONT 前



REAR 后



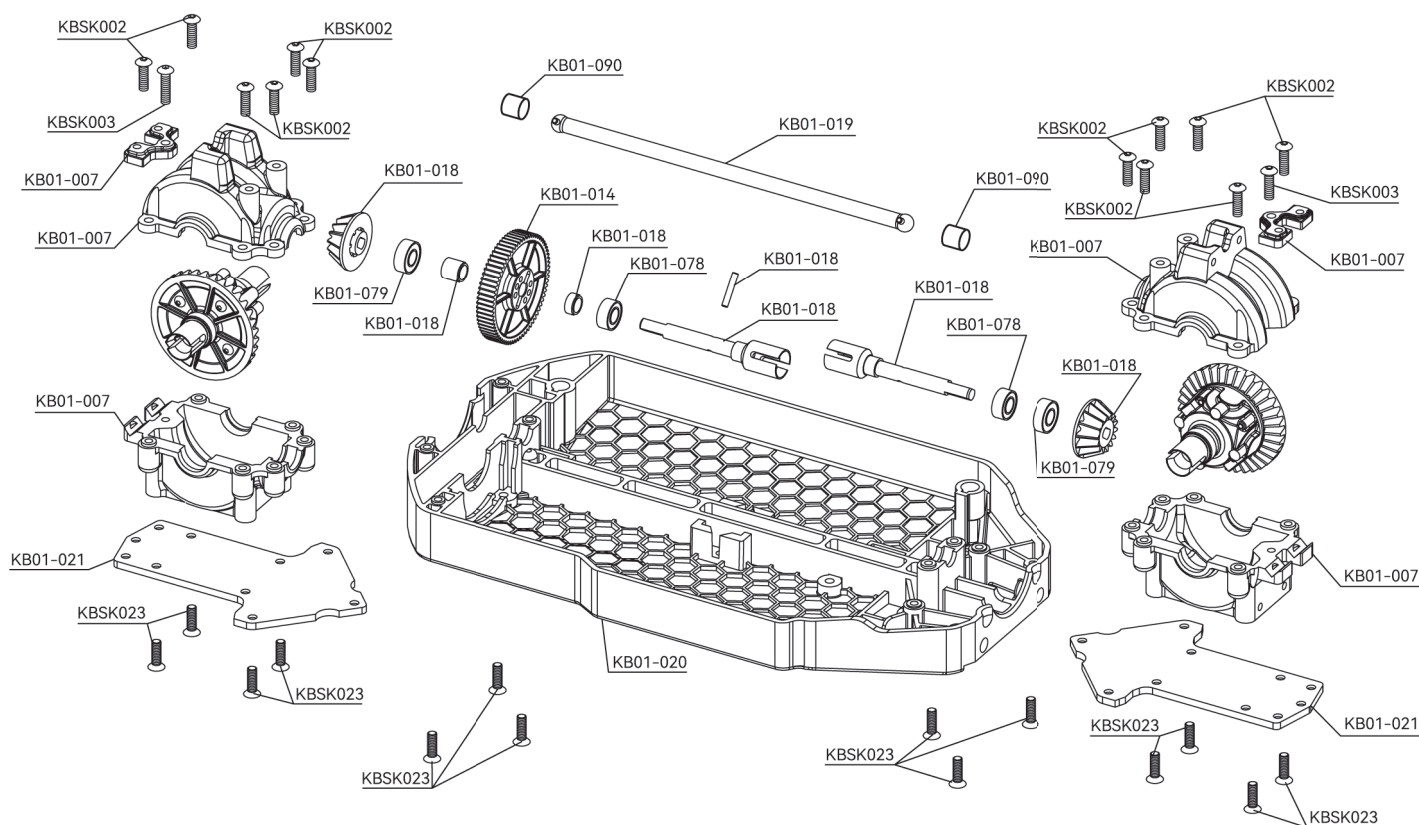
Adjust lower shock ball joint to ensure all four shocks are the same length when fully extended. Adjust vehicle ride height using the aluminum shock adjustable nut.

通过调整避震下波帽的螺纹深浅做到四根避震器等长，避震筒身上的调节环用于调校车高。

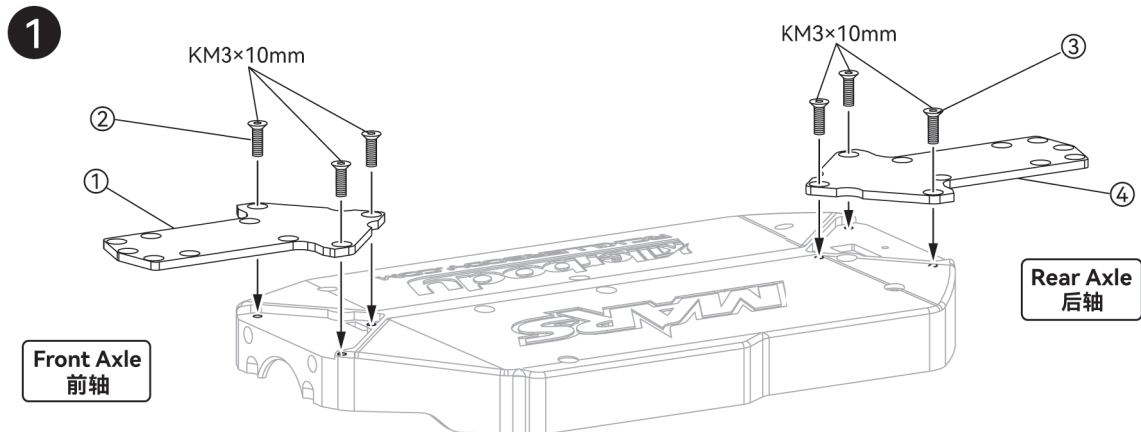


底板、波箱、差速器、中轴组装

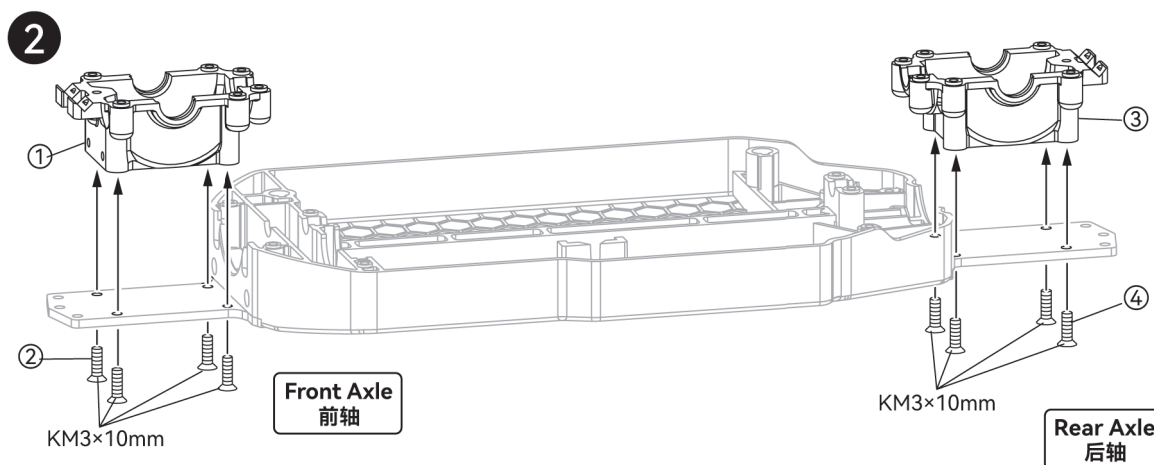
Chassis, Gearbox, Differential, Driveshaft Assembly



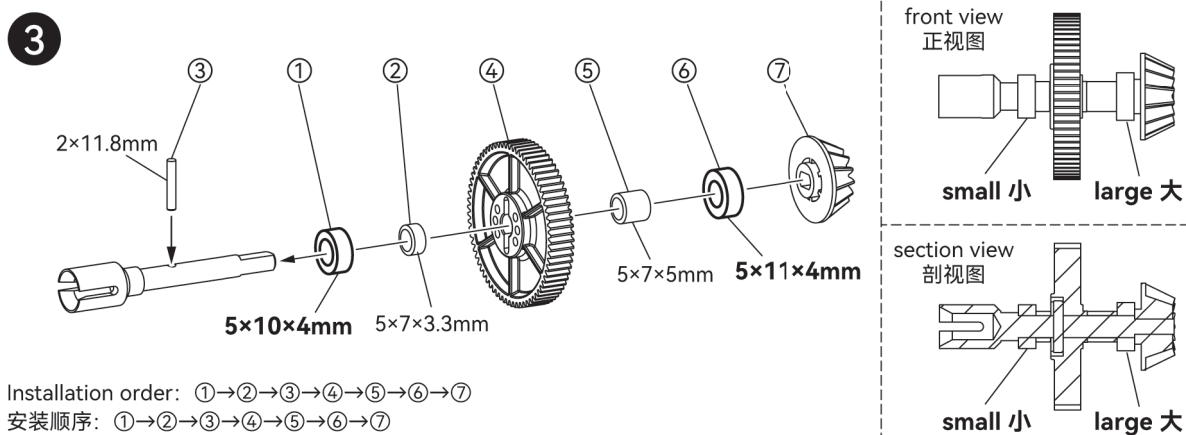
KB01-007	Front and Rear Gearbox Set (Mars) 波箱组 前后一套(Mars)
KB01-014	Mars Spur Gear 48p 70T 尼龙70T/48P大齿 (Mars)
KB01-018	Composite Bevel Drive Gear, Shaft & Outdrive (Mars) 传动组 (Mars)
KB01-019	Center Driver Shaft Alu (Mars) 铝合金中传动轴(Mars)
KB01-020	Composite Chassis (Mars) 尼龙底板 (Mars)
KB01-021	Front and Rear Aluminum 6061 Chassis Plate 1pc (Mars) 前后铝合金底盘连接板 1pc (Mars)
KB01-078	Sealed ball bearings 5x10x4mm 4pcs 黑盖滚珠轴承5x10x4mm 4pcs
KB01-079	Sealed ball bearings 5x11x4mm 4pcs 黑盖滚珠轴承5x11x4mm 4pcs
KB01-090	foam insert $\phi 7 \times 6.5$ 海绵垫 $\phi 7 \times 6.5$
KBSK002	Round Head Screw M3×10mm M3×10mm 圆头螺丝
KBSK003	Round Head Screw M3×12mm M3×12mm 圆头螺丝
KBSK023	Countersunk Screw M3×10mm M3×10mm 沉头螺丝



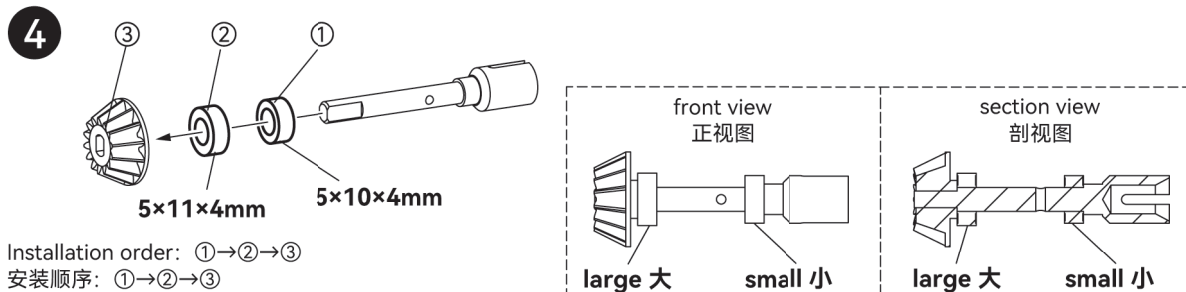
Installation order: ①→②→③→④
安装顺序: ①→②→③→④



Installation order: ①→②→③→④
安装顺序: ①→②→③→④

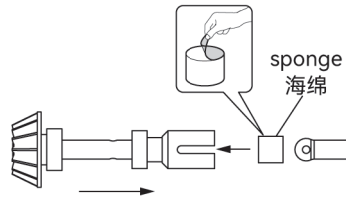


Installation order: ①→②→③→④→⑤→⑥→⑦
安装顺序: ①→②→③→④→⑤→⑥→⑦

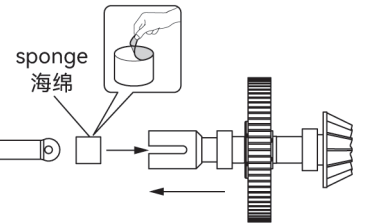


Installation order: ①→②→③
安装顺序: ①→②→③

Peel off the adhesive backing on the sponge before installation.
海绵有背胶，撕去背胶后安装。



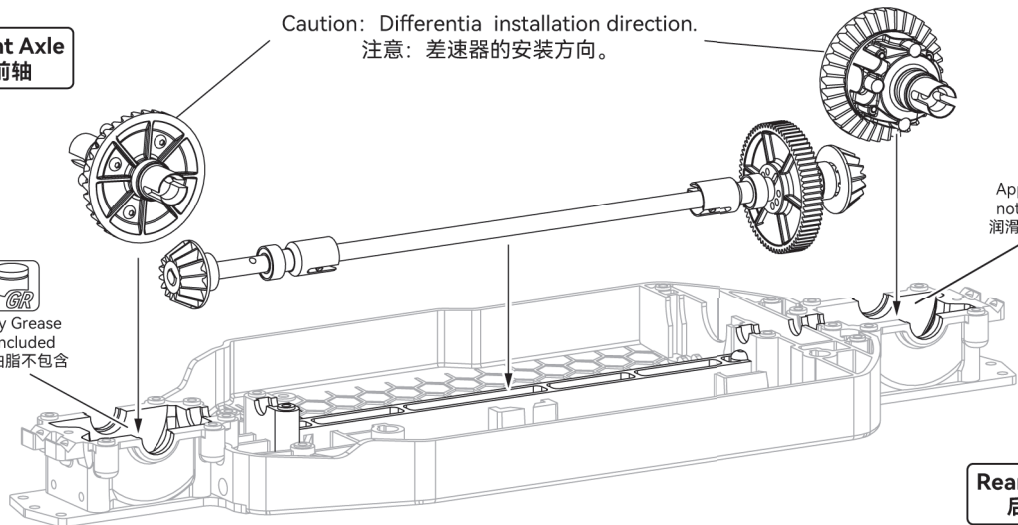
Peel off the adhesive backing on the sponge before installation.
海绵有背胶，撕去背胶后安装。



Front Axle
前轴

Caution: Differential installation direction.
注意：差速器的安装方向。

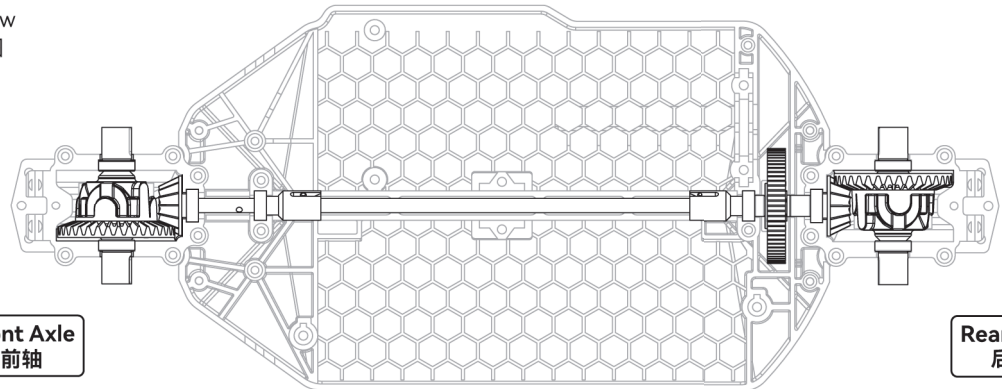
Apply Grease
not included
润滑油脂不包含



Rear Axle
后轴

Apply Grease
not included
润滑油脂不包含

Top view
俯视图



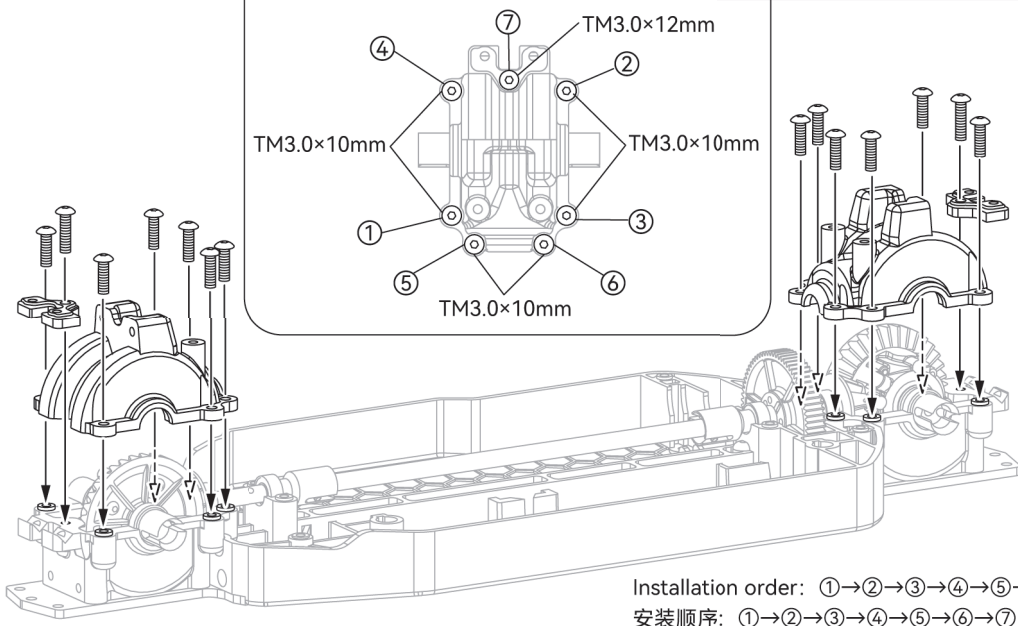
Front Axle
前轴

Rear Axle
后轴

Round Head Screw
圆头螺丝
TM3×10mm
×12

Round Head Screw
圆头螺丝
TM3×12mm
×2

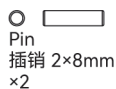
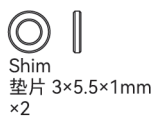
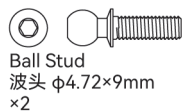
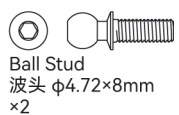
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Installation order: ①→②→③→④→⑤→⑥→⑦
安装顺序: ①→②→③→④→⑤→⑥→⑦

FRONT SUSPENSION ASSEMBLY





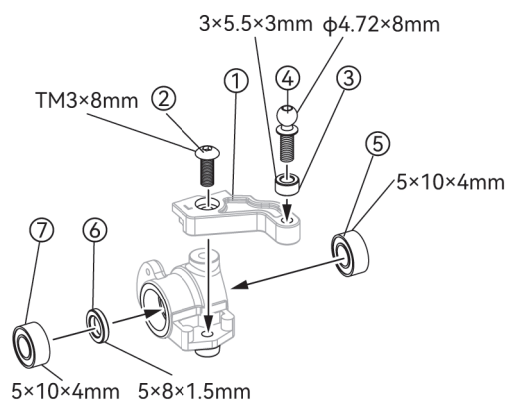
1

LEFT
左

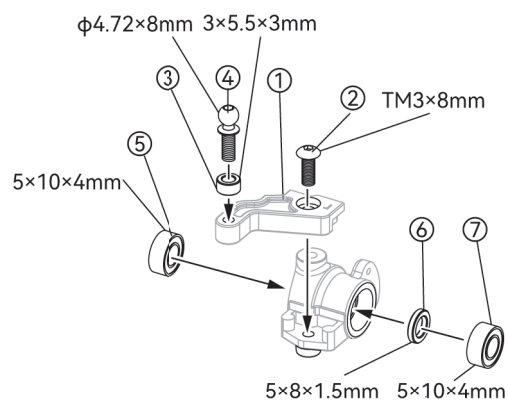
Refer to
参考

RIGHT
右

Refer to
参考

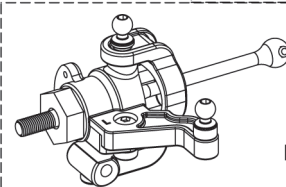
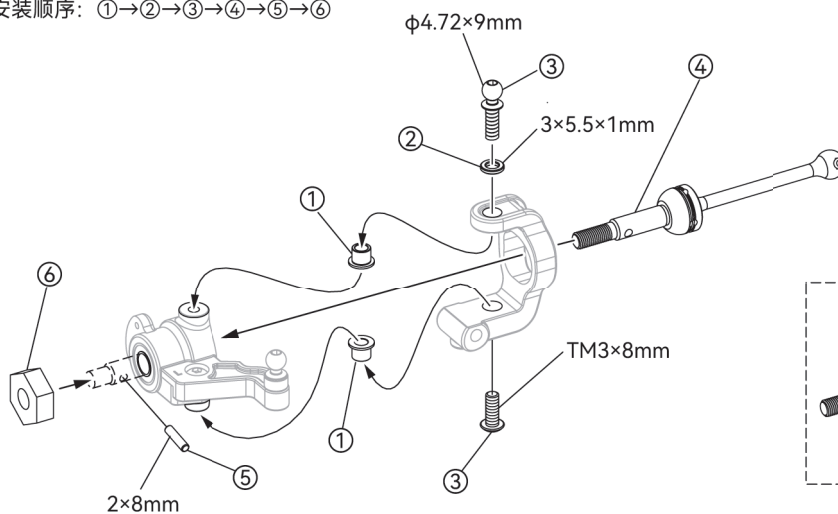


Installation order: ①→②→③→④→⑤→⑥→⑦
安装顺序: ①→②→③→④→⑤→⑥→⑦

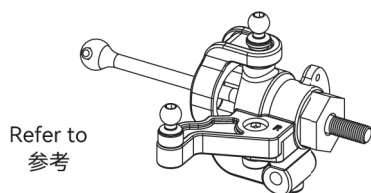
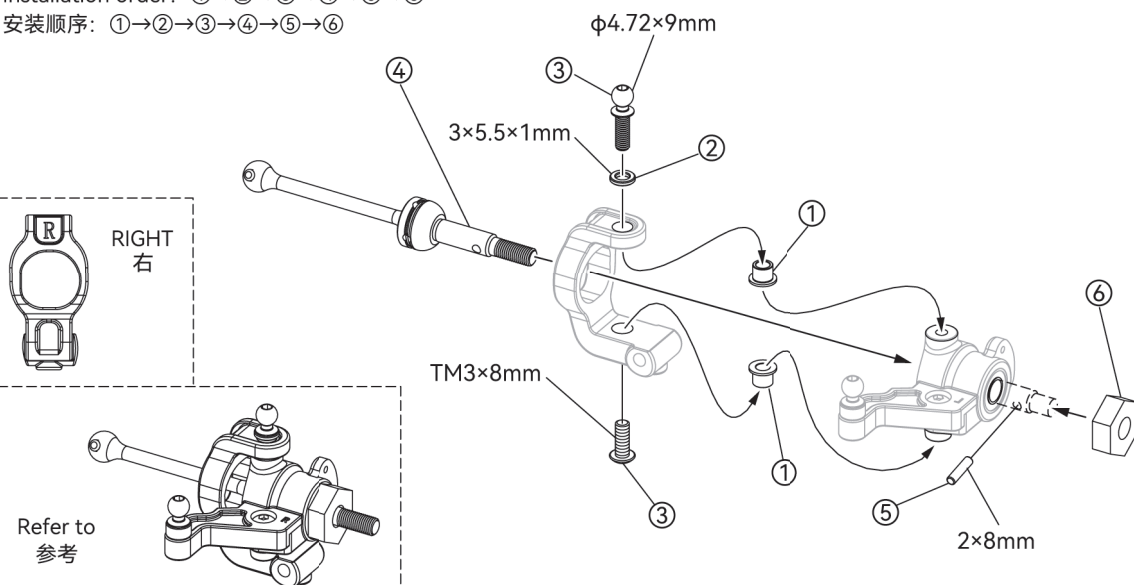


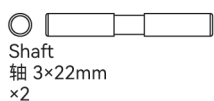
Installation order: ①→②→③→④→⑤→⑥→⑦
安装顺序: ①→②→③→④→⑤→⑥→⑦

Installation order: ①→②→③→④→⑤→⑥
安装顺序: ①→②→③→④→⑤→⑥



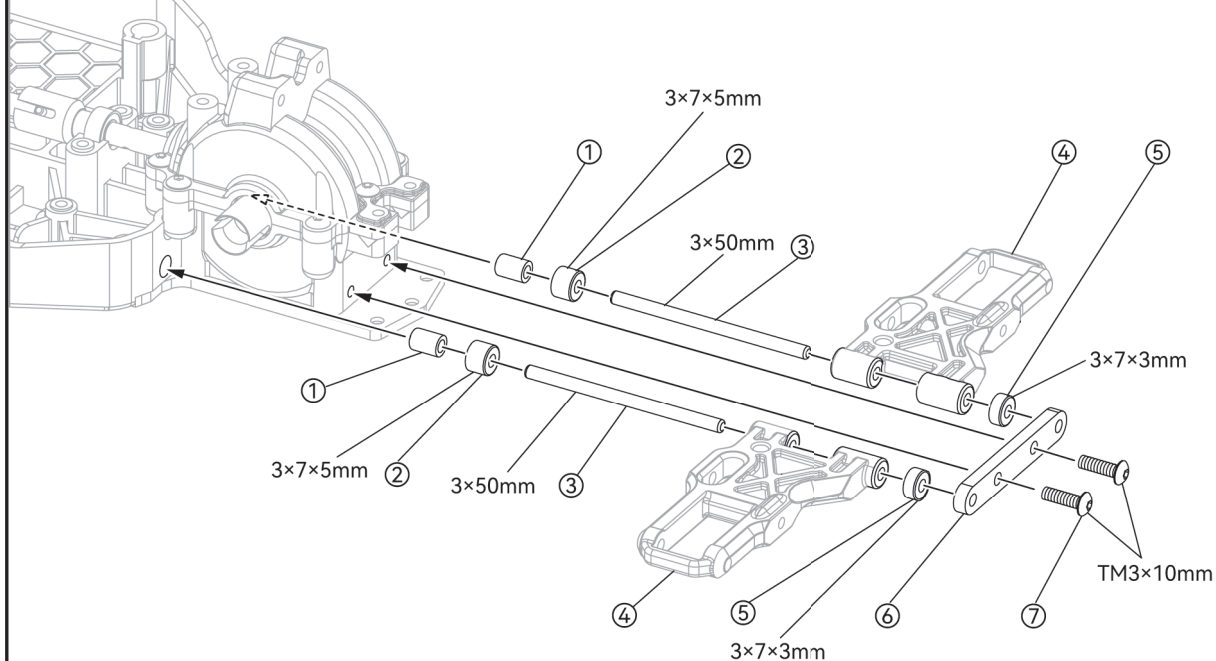
Installation order: ①→②→③→④→⑤→⑥
安装顺序: ①→②→③→④→⑤→⑥





2 Installation order: ①→②→③→④→⑤→⑥→⑦
安装顺序: ①→②→③→④→⑤→⑥→⑦

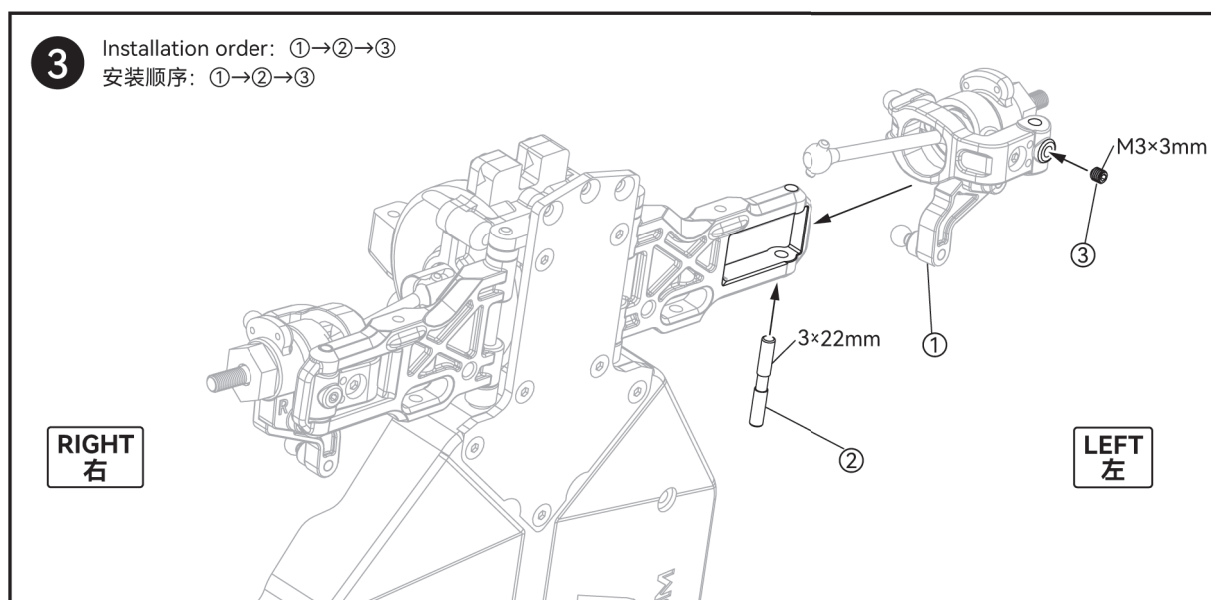
Front Axle
前轴



3 Installation order: ①→②→③
安装顺序: ①→②→③

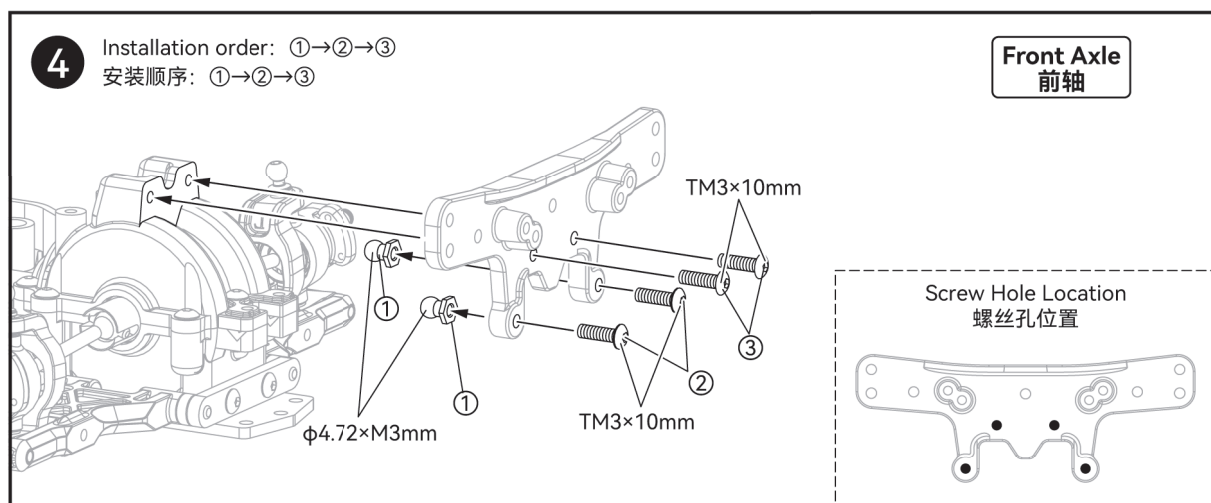
RIGHT
右

LEFT
左



4 Installation order: ①→②→③
安装顺序: ①→②→③

Front Axle
前轴

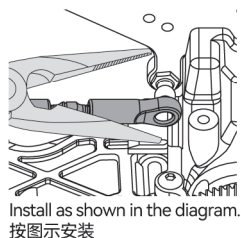
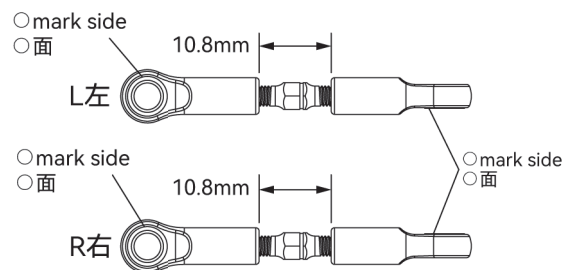
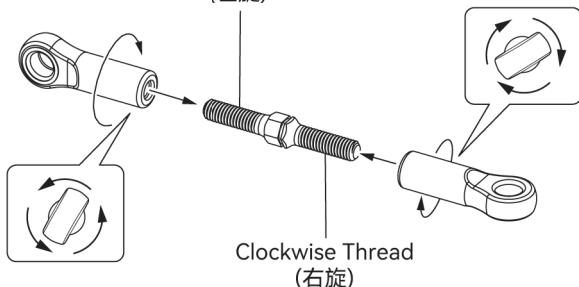


5

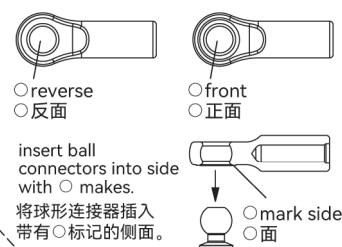
Counter-Clockwise Thread
(左旋)

x2

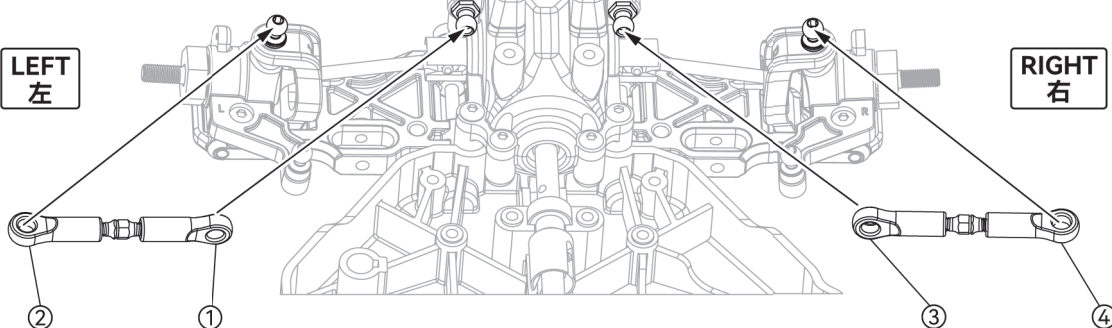
make for left and right.note position of ○ marks.
适用于左右两侧, 请注意标记○的位置。



Installation order: ①→②→③→④
安装顺序: ①→②→③→④



LEFT
左

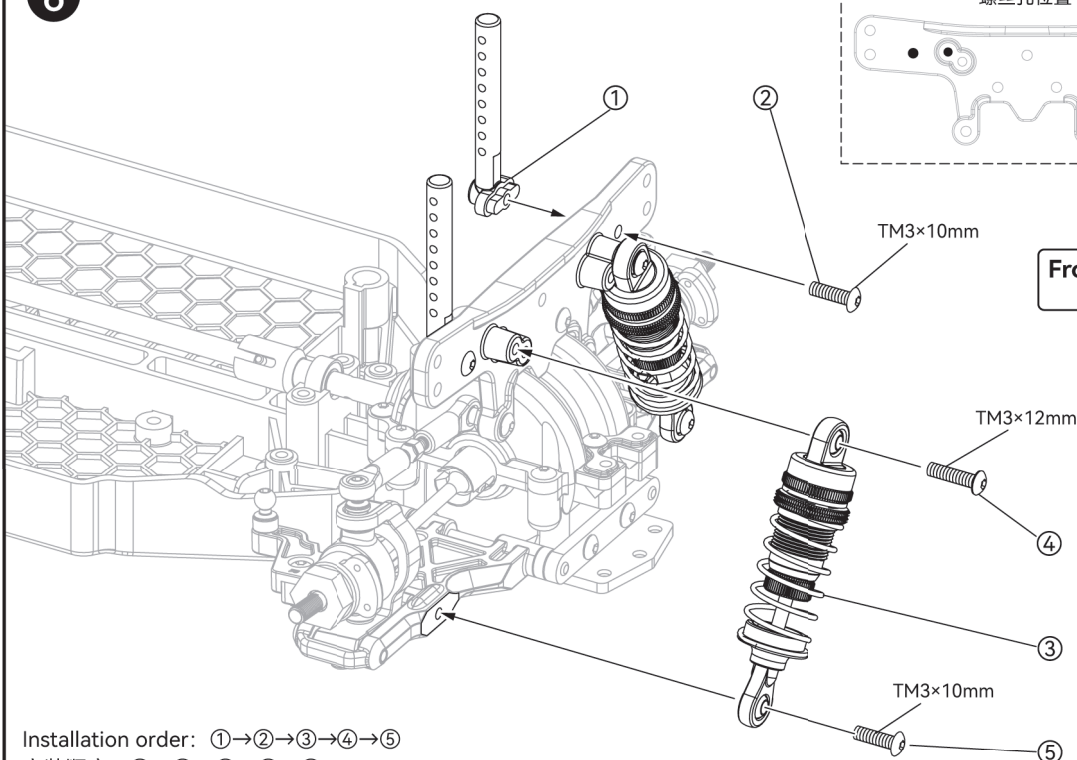
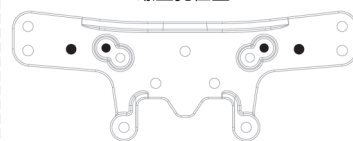


RIGHT
右



6

Screw Hole Location
螺丝孔位置



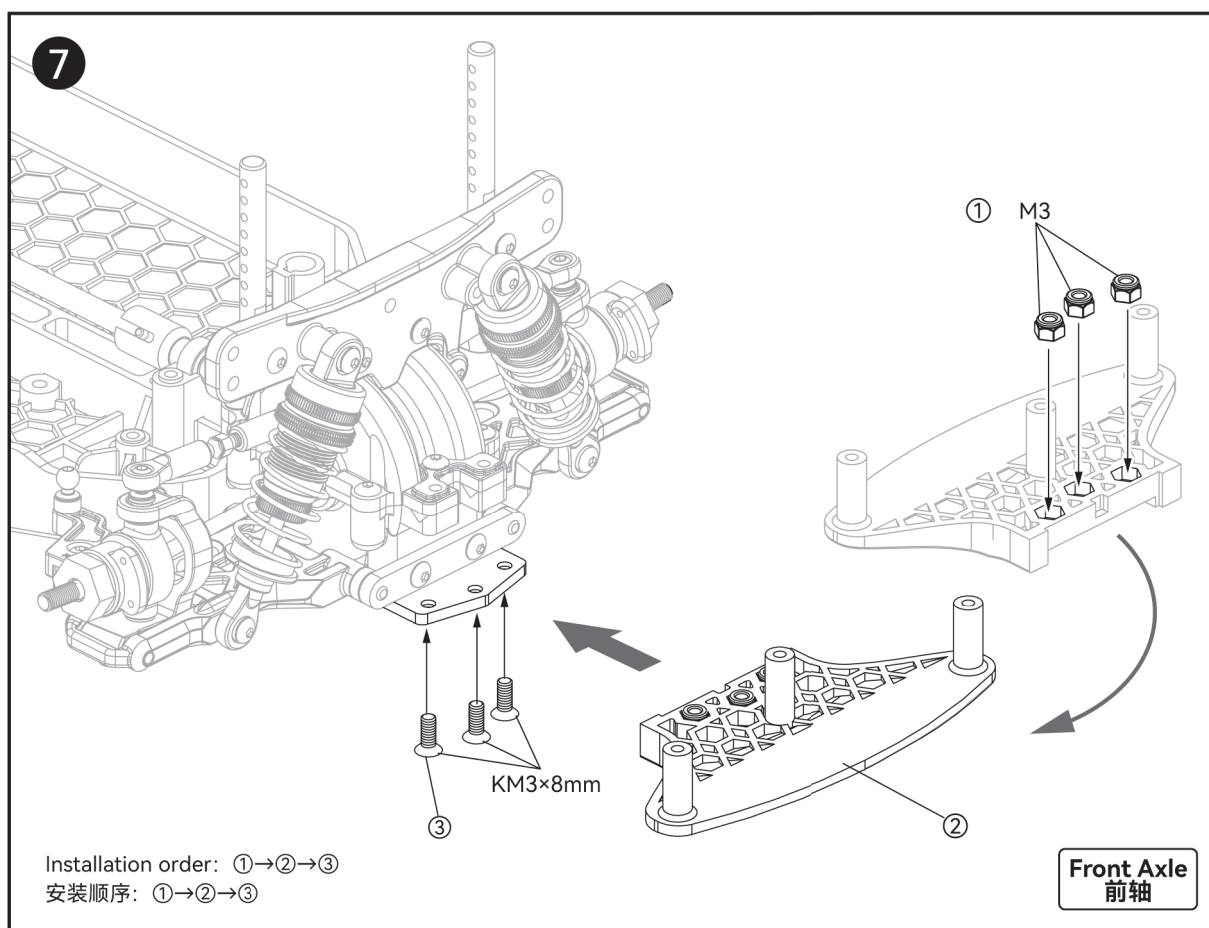
Installation order: ①→②→③→④→⑤
安装顺序: ①→②→③→④→⑤



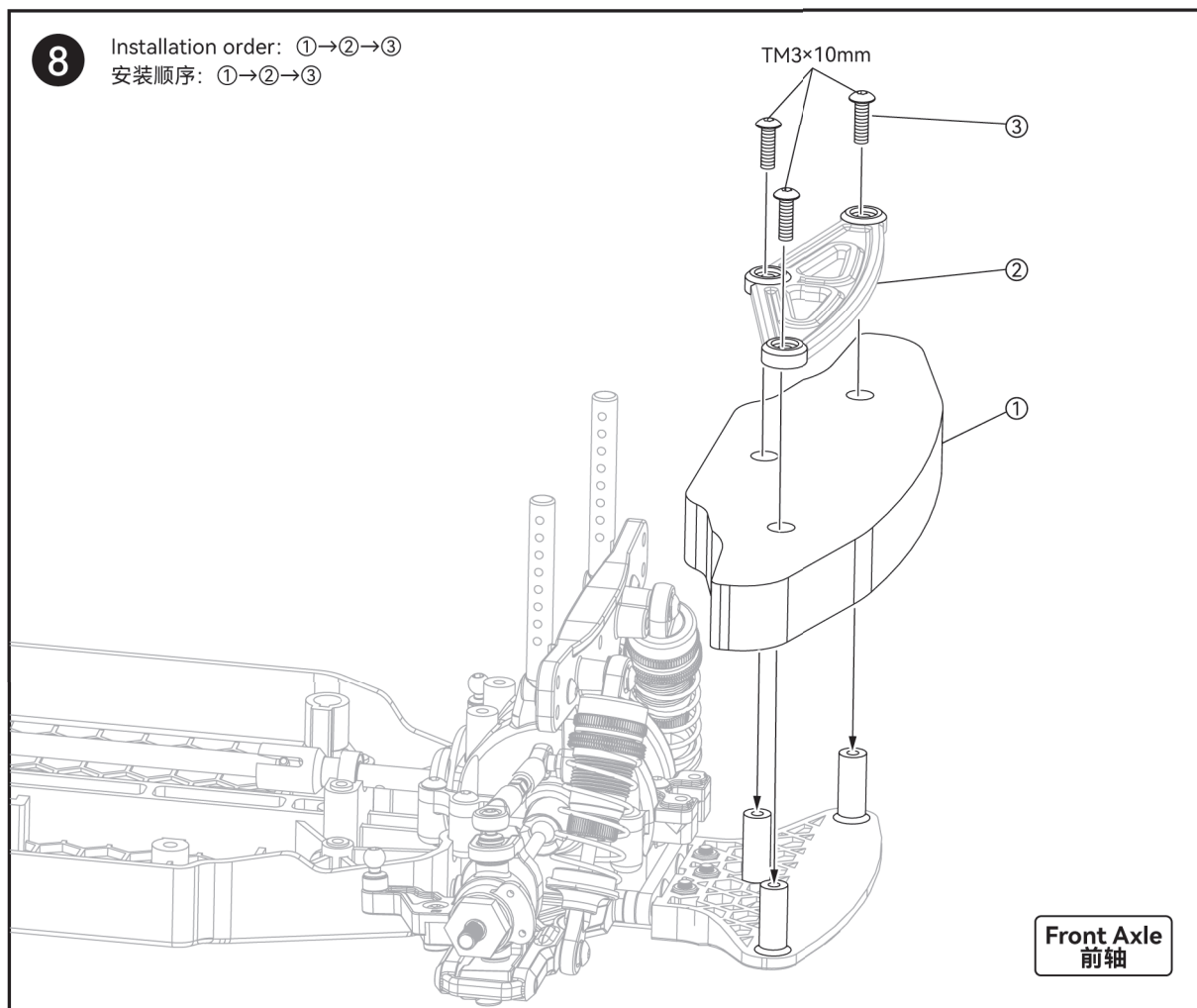
Non-slip Hex Nut
防松螺母 M3
×3



Countersunk Screw
沉头螺丝
KM3×8mm
×3



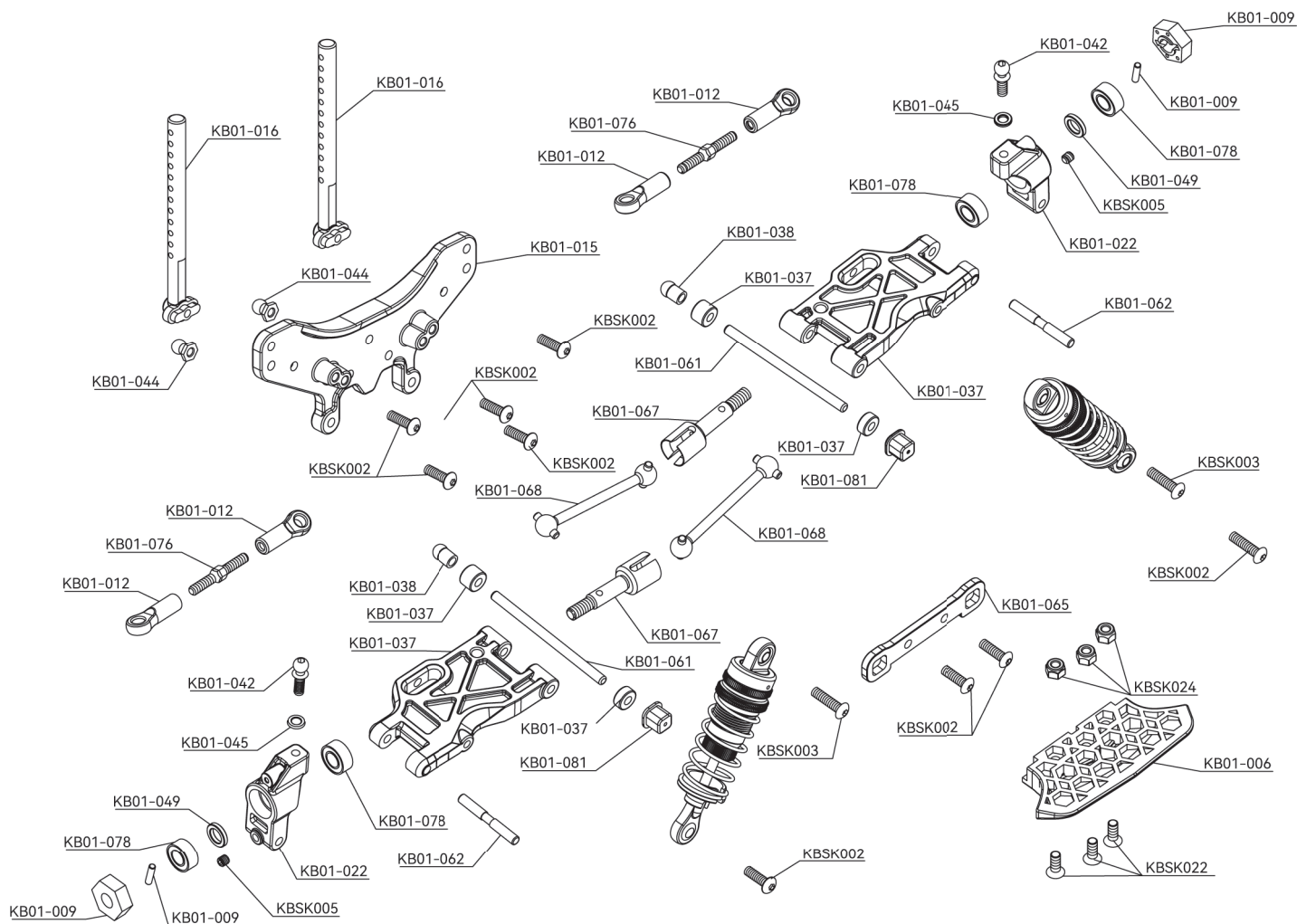
Round Head Screw
圆头螺丝
TM3×10mm
×3





后悬挂组装

REAR SUSPENSION ASSEMBLY



KB01-006	Bumper Set (Mars) 防撞组(Mars)
KB01-009	Composite Wheel Hex Hubs 12mm (Mars) 12mm六角接合器(5mm) (Mars)
KB01-012	Mars 4.7mm Ball Cup set 4.7mm 球头套组(Mars)
KB01-015	Mars Front and Rear composite shock tower Rally version 前后尼龙避震板拉力版 (Mars)
KB01-016	Body Post Set (Mars) 车壳柱组 (Mars)
KB01-022	Up Right (Mars) 后轮座组 (Mars)
KB01-037	Rear Suspension Arms with spacers (Mars) 后摆臂组 (Mars)
KB01-038	Arm Pivot Balls 4pcs and Spacer 4pcs (Mars) 前后轴套 2车份 (Mars)
KB01-042	Ball Stud 4.72 with Thread 8mm 10pcs 球头螺丝 4.72x8mm 10pcs
KB01-044	Ball Connector 4.72mm 10pcs 球头螺母 4.72mm 10pcs
KB01-045	3x5.5x1mm shim 10pcs 3x5.5x1mm 垫片 10pcs
KB01-049	Aluminum Spacer 5x8x1.5mm 10pcs 铝合金垫片 5x8x1.5mm 10pcs
KB01-061	3x50mm Inner Hinge Pin 2pcs (Mars) 3x50mm 摆臂内轴 2pcs (Mars)

KB01-062	3x25mm Rear Outer Hinge Pin 2pcs (Mars) 3x25mm 后摆臂外轴 2pcs (Mars)
KB01-065	Rear Spring Steel Arm Mount 1pc (Mars) 后摆臂臂码 1pc (Mars)
KB01-067	Rear Drive Axles 2pcs (Mars) 后轮轴 2pcs (Mars)
KB01-068	Rear Drive Shaft 2pcs (Mars) 后狗骨 2pc (Mars)
KB01-076	Steel Turnbuckle M3x25mm 2pcs 调节连杆 M3x25mm 2pcs
KB01-078	Sealed ball bearings 5x10x4mm 4pcs 黑盖滚珠轴承5x10x4mm 4pcs
KB01-081	Arm Mount Inserts Set 4pcs (Mars) 摆臂轴套 4pcs (Mars)
KBSK002	Round Head Screw M3x10mm M3x10mm 圆头螺丝
KBSK003	Round Head Screw M3x12mm M3x12mm 圆头螺丝
KBSK005	Set screw M3x3mm M3x3mm 机米螺丝
KBSK022	Countersunk Screw M3x8mm M3x8mm 沉头螺丝
KBSK024	Lock Nut M3 M3防松螺母

Pin
插销 2x8mm
X2

Shim
垫片 3x5.5x1mm
X2

Shim
垫片 3x7x5mm
X2

Shim
垫片 3x7x3mm
X2

Shim
垫片 5x8x1.5mm
X2

Bearing
轴承 5x10x4mm
X4

Ball Stud
球头 $\Phi 4.72 \times 8 \text{mm}$
X2

Round Head Screw
圆头螺丝 TM3x10mm
X2

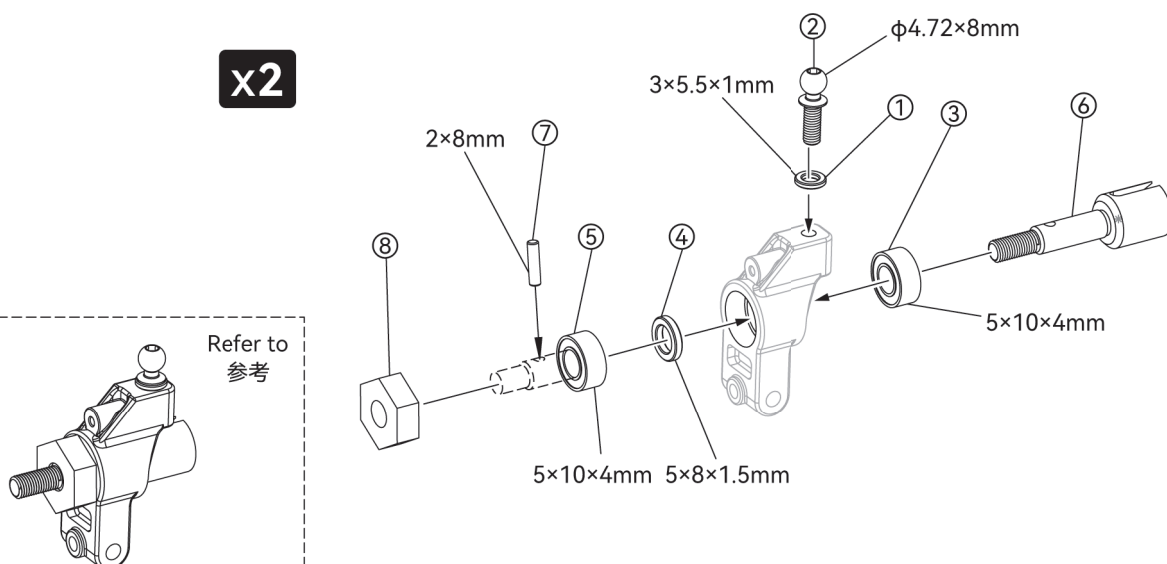
Shaft
轴 3x50mm
X2

Set Screw
机米螺丝 M3x3mm
X2

Shaft
轴 3x25mm
X2

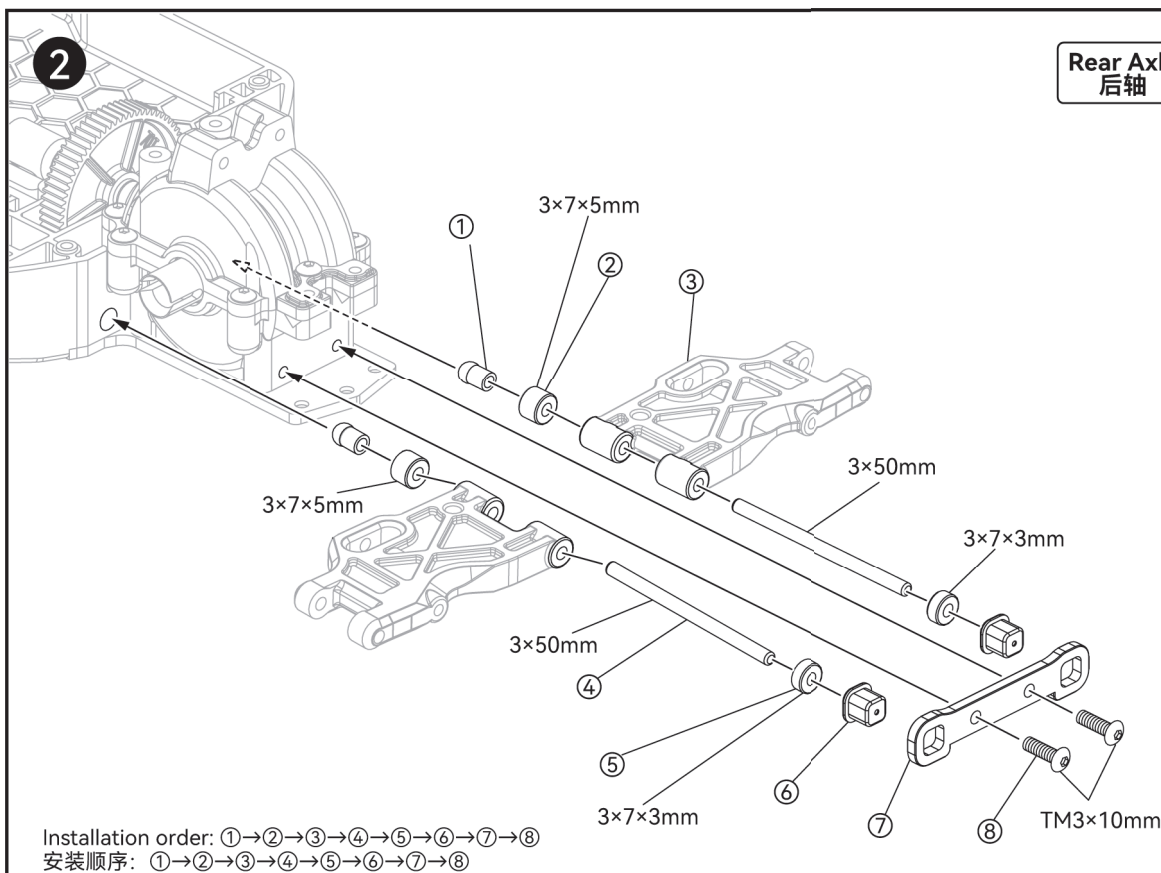
1 Installation order: ①→②→③→④→⑤→⑥→⑦→⑧
安装顺序: ①→②→③→④→⑤→⑥→⑦→⑧

x2



2

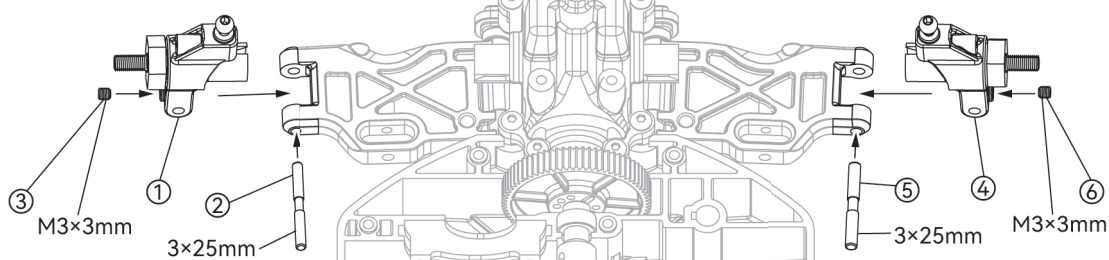
Rear Axle
后轴

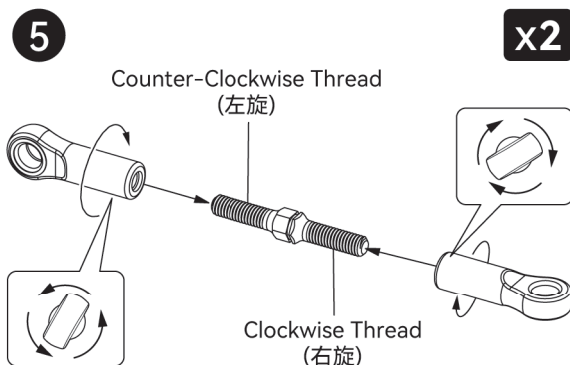
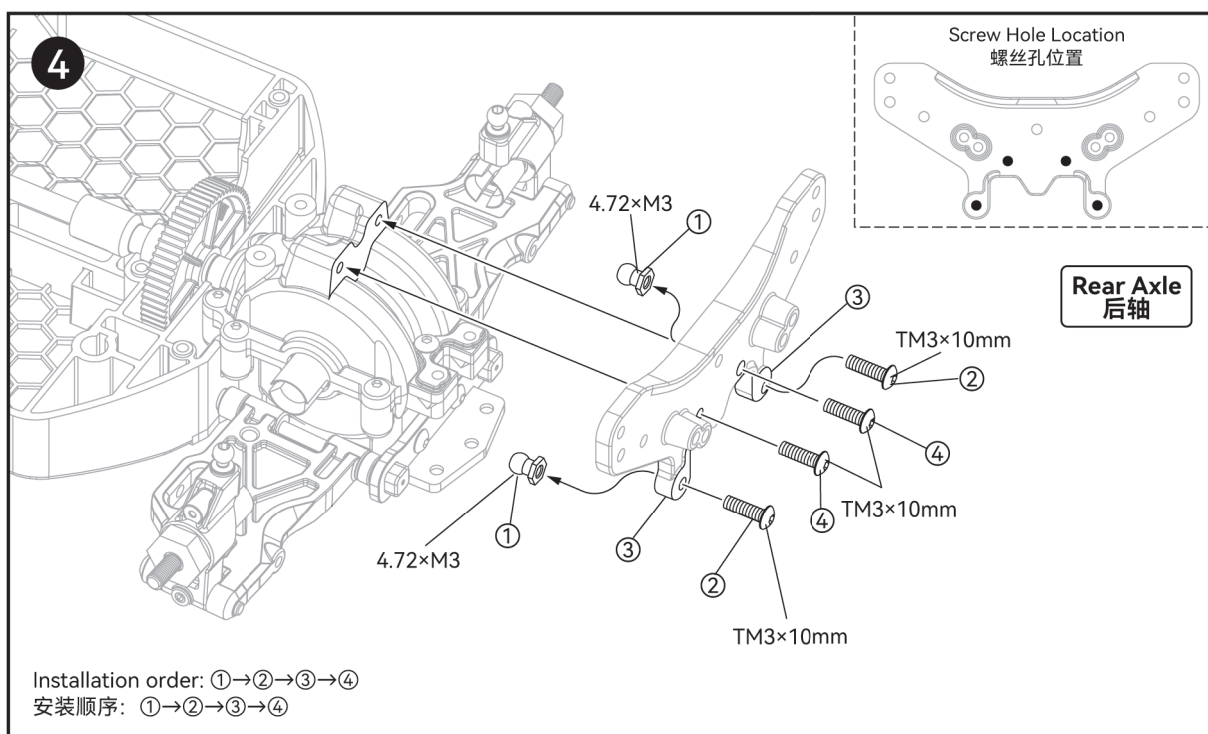


Installation order: ①→②→③→④→⑤→⑥→⑦→⑧
安装顺序: ①→②→③→④→⑤→⑥→⑦→⑧

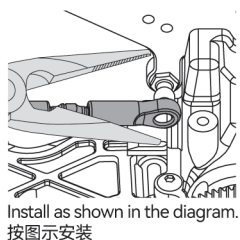
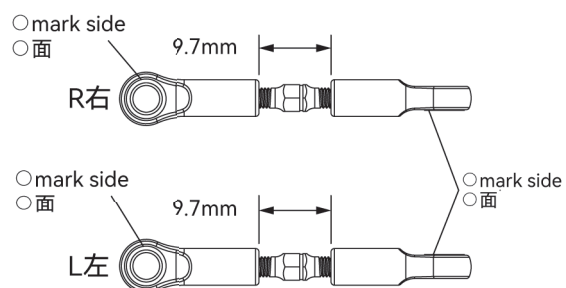
3

Installation order: ①→②→③→④→⑤→⑥
安装顺序: ①→②→③→④→⑤→⑥

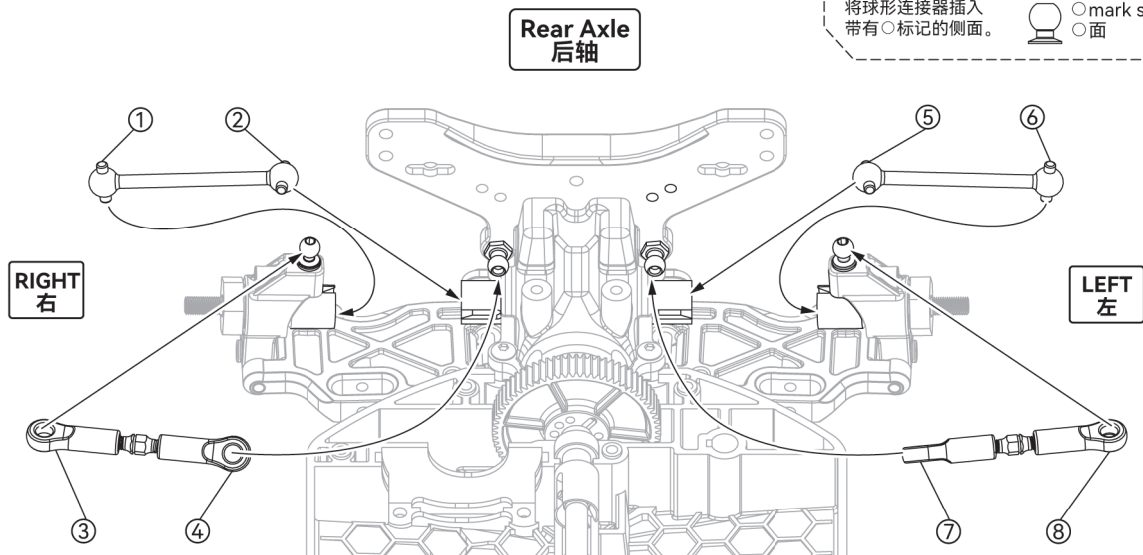
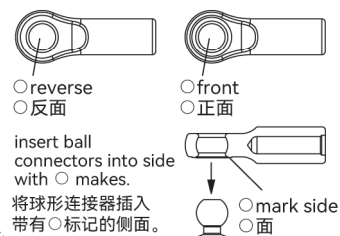


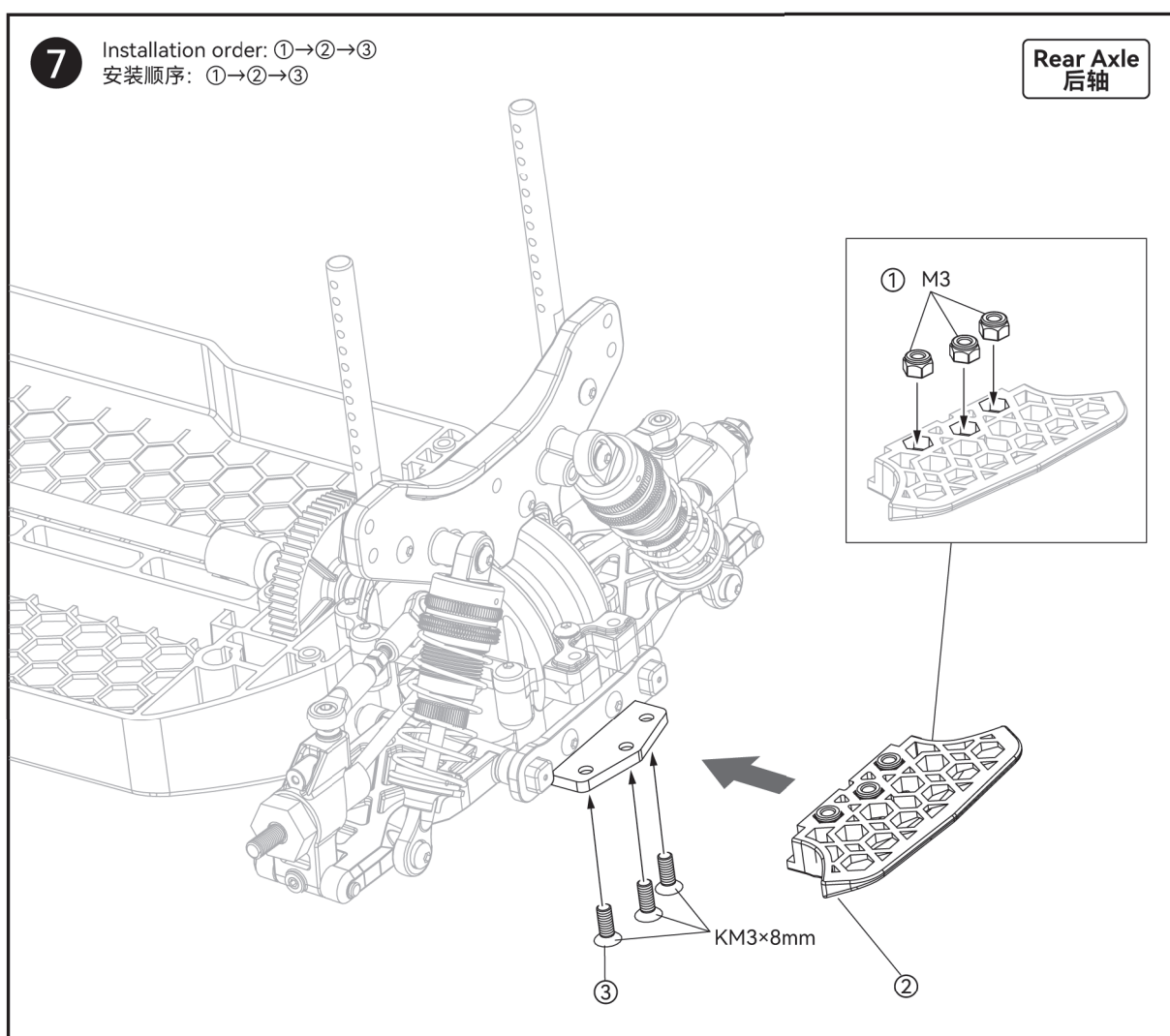
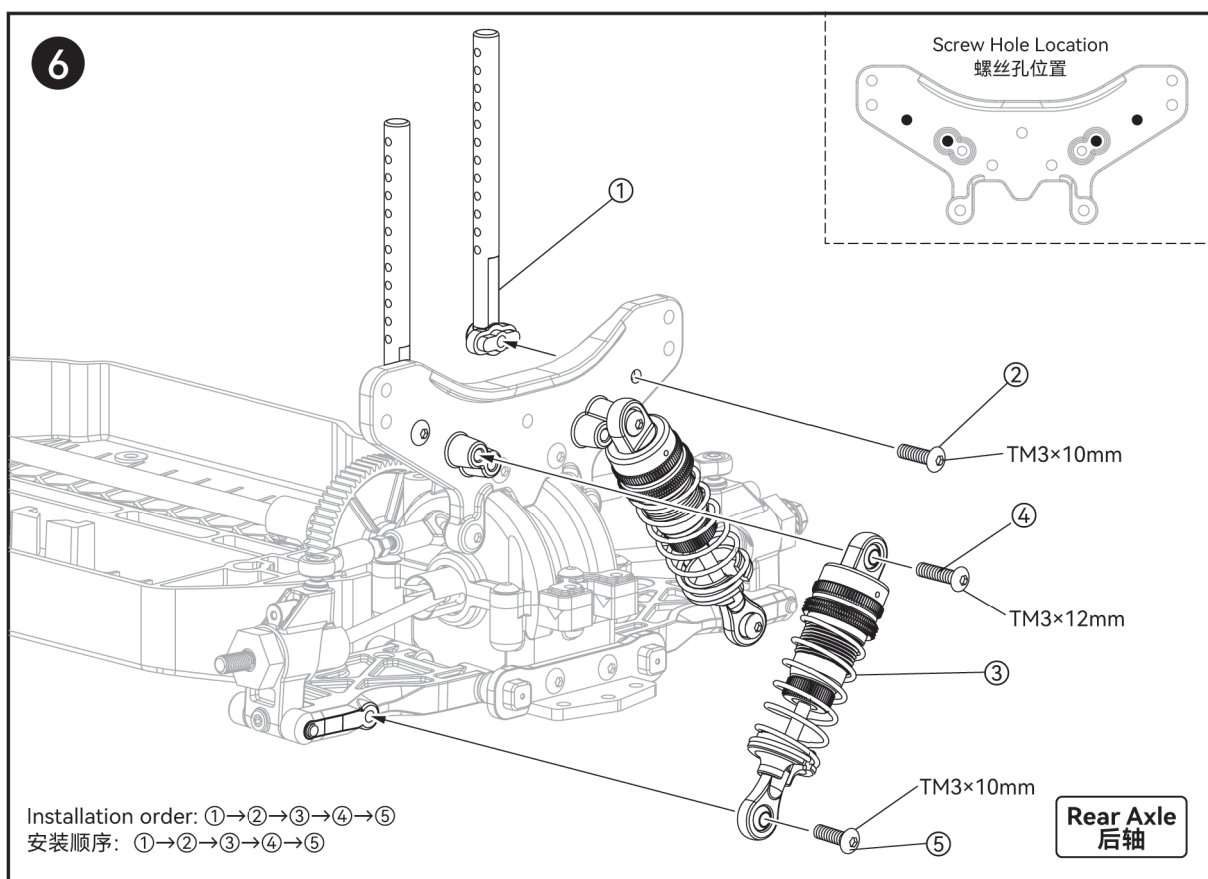


make for left and right.note position of ○marks.
适用于左右两侧, 请注意标记○的位置。



Installation order: ①→②→③→④→⑤→⑥→⑦→⑧
安装顺序: ①→②→③→④→⑤→⑥→⑦→⑧





STEERING BLOCK ASSEMBLY



KB01-076	Steel Turnbuckle M3x25mm 2pcs 调节连杆 M3x25mm 2pcs
KB01-077	Steel Turnbuckle M3x20mm 2pcs 调节连杆 M3x20mm 2pcs
KB01-082	Sealed ball bearings 3x6x2.5mm 4pcs 黑盖滚珠轴承3x6x2.5mm 4pcs
KB01-083	Steering reinforce cover (Mars) 转向加强罩 (Mars)
KBSK001	Round Head Screw M3×8mm M3×8mm 圆头螺丝
KBSK003	Round Head Screw M3×12mm M3×12mm 圆头螺丝
KBSK022	Countersunk Screw M3×8mm M3×8mm 沉头螺丝
KBSK025	Socket head shoulder screw M3×20mm 杯头半螺纹螺丝M3×20mm



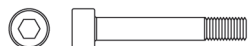
Bearing
轴承 3x6x2.5mm
X4



Shim
垫片 3x4.8x5.7mm
X2



Ball Stud
波头 $\Phi 4.72 \times 5\text{mm}$
X2



Button Head Screw
杯头螺丝 CM3x20mm
X2



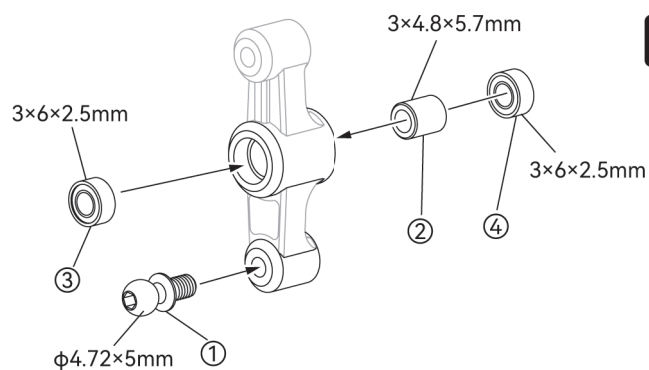
Round Head Screw
圆头螺丝
TM3x12mm
x2



Round Head Screw
圆头螺丝
TM3x8mm
x2

1

Installation order: ①→②→③→④
安装顺序: ①→②→③→④



X2

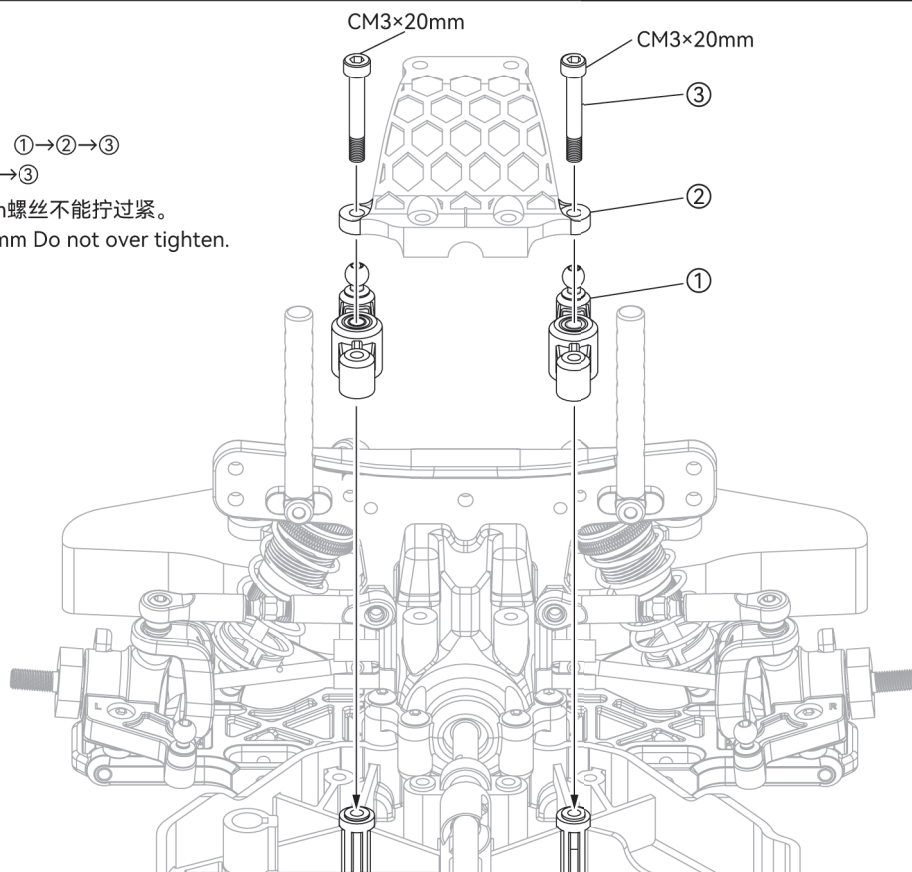
2

Installation order: ①→②→③

安装顺序: ①→②→③

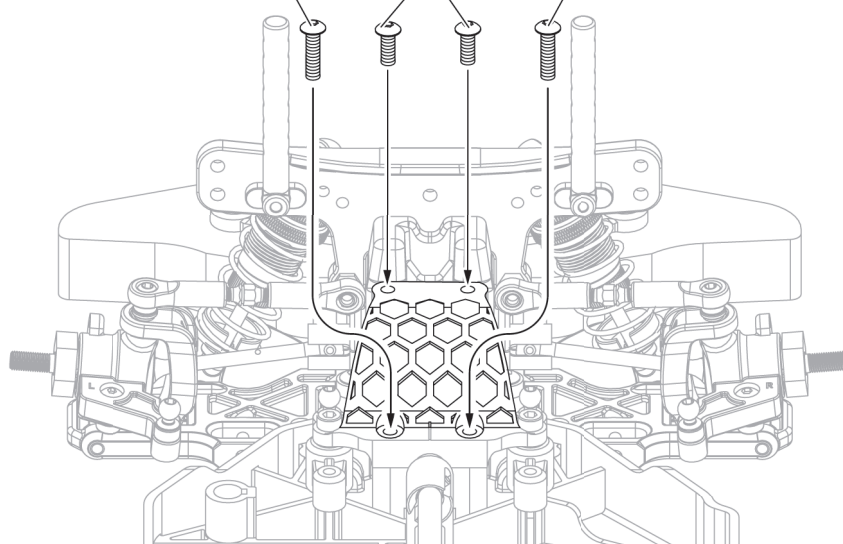
注意: CM3x20mm螺丝不能拧过紧。

Notice: CM3x20mm Do not over tighten.



3

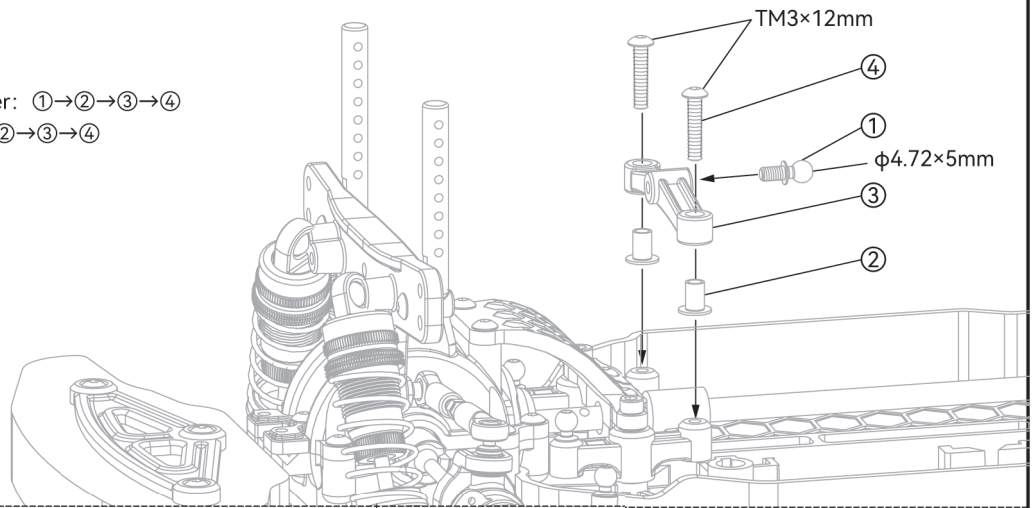
TM3x12mm TM3x8mm TM3x12mm



4

Installation order: ①→②→③→④

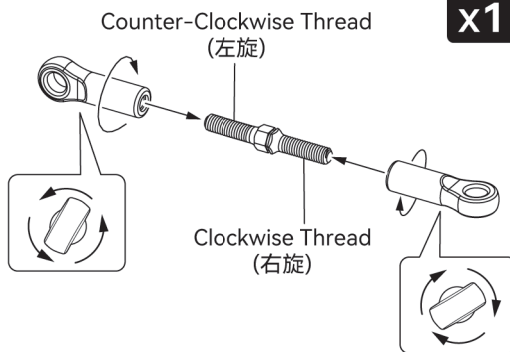
安装顺序: ①→②→③→④



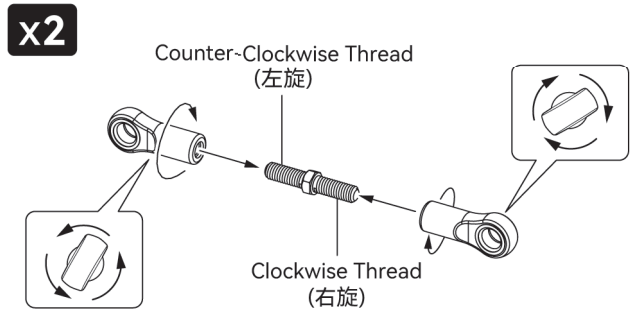
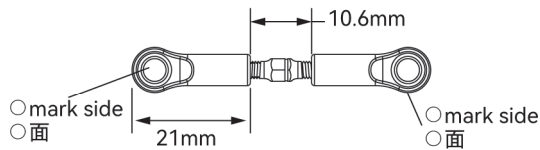
Round Head Screw
圆头螺丝
TM3x12mm
x2



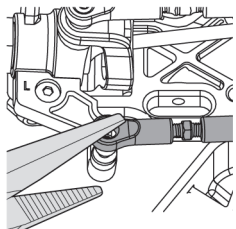
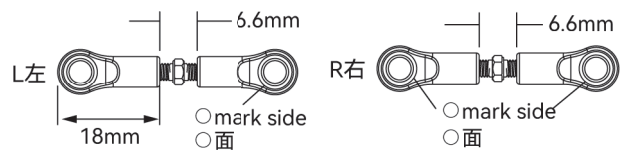
Ball Stud
球头
φ4.72x5mm
x1



make for left and right. note position of ○ marks.
适用于左右两侧, 请注意标记○的位置。



make for left and right. note position of ○ marks.
适用于左右两侧, 请注意标记○的位置。



Install as shown in the diagram.
按图示安装

5

Installation order: ①→②→③→④

安装顺序: ①→②→③→④

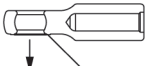


○ reverse
○ 反面

○ front
○ 正面

insert ball
connectors into side
with ○ marks.

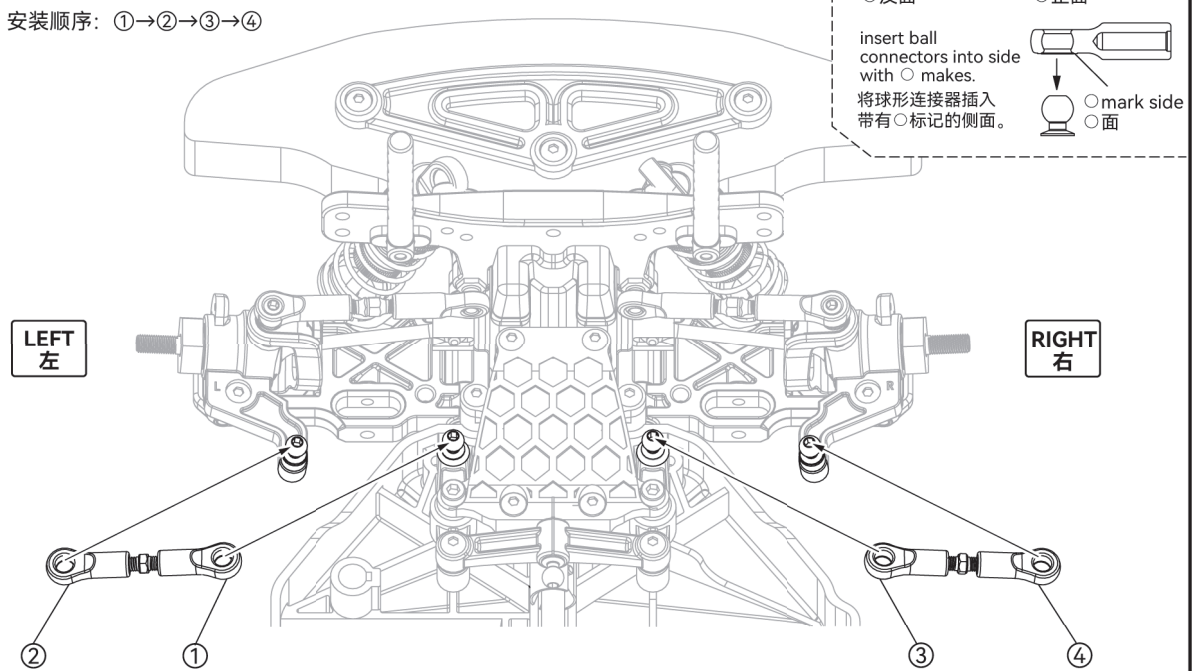
将球形连接器插入
带有○标记的侧面。



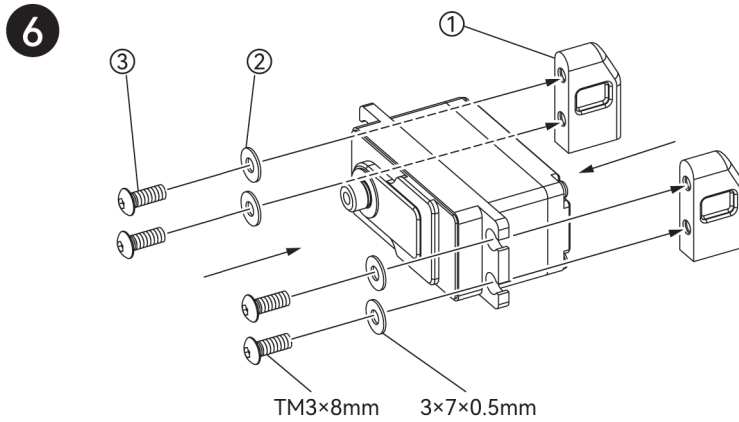
○ mark side
○ 面

LEFT
左

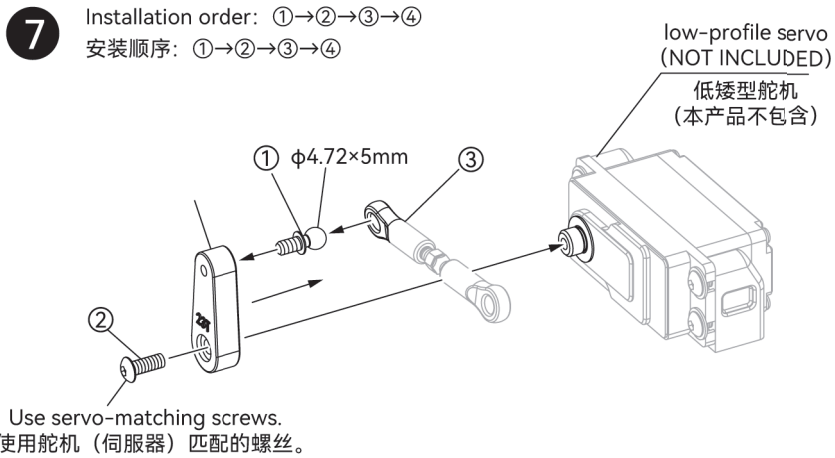
RIGHT
右



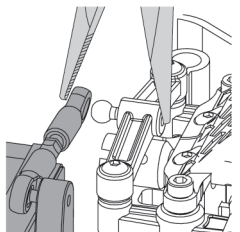
Round Head Screw
圆头螺丝
TM3×8mm
×6



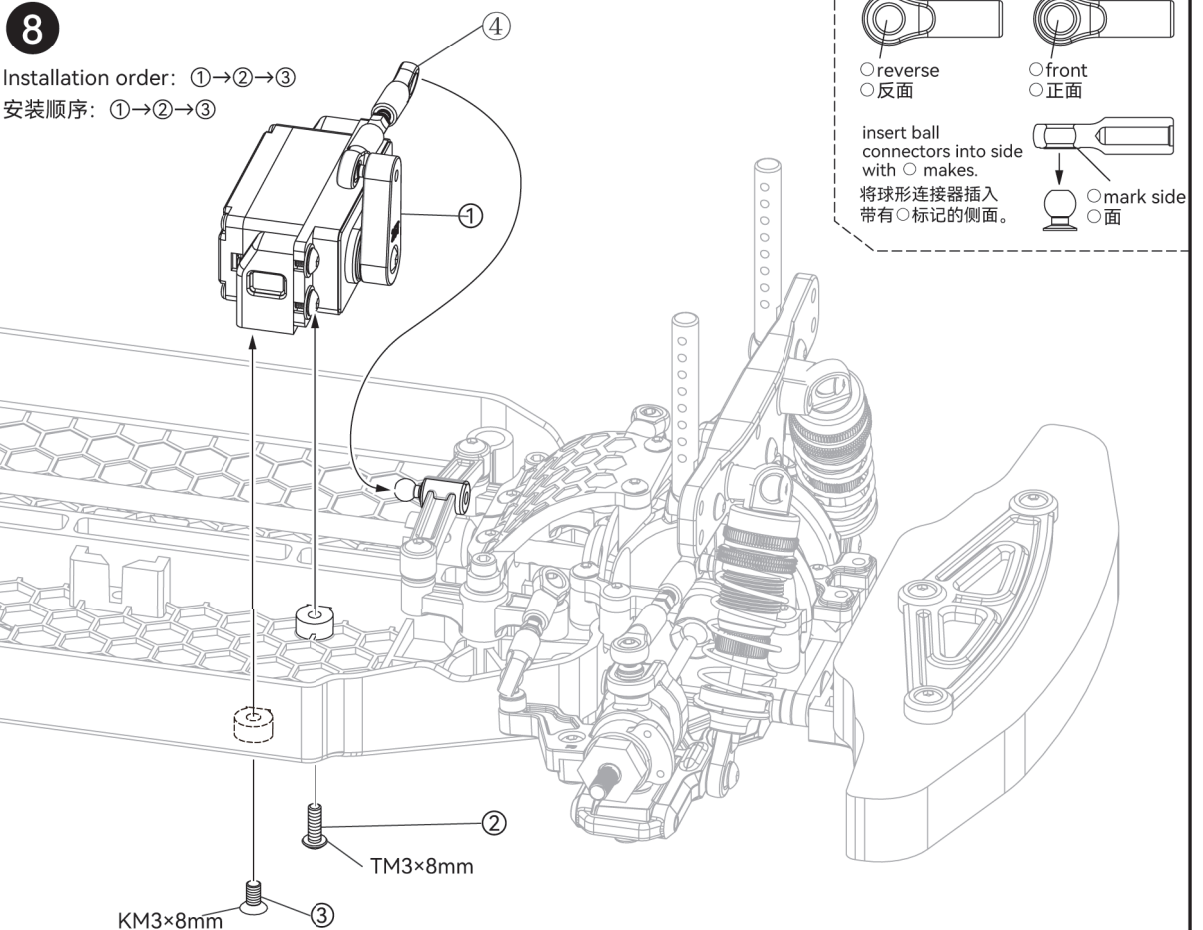
Ball Stud
球头
φ4.72×5mm
×1



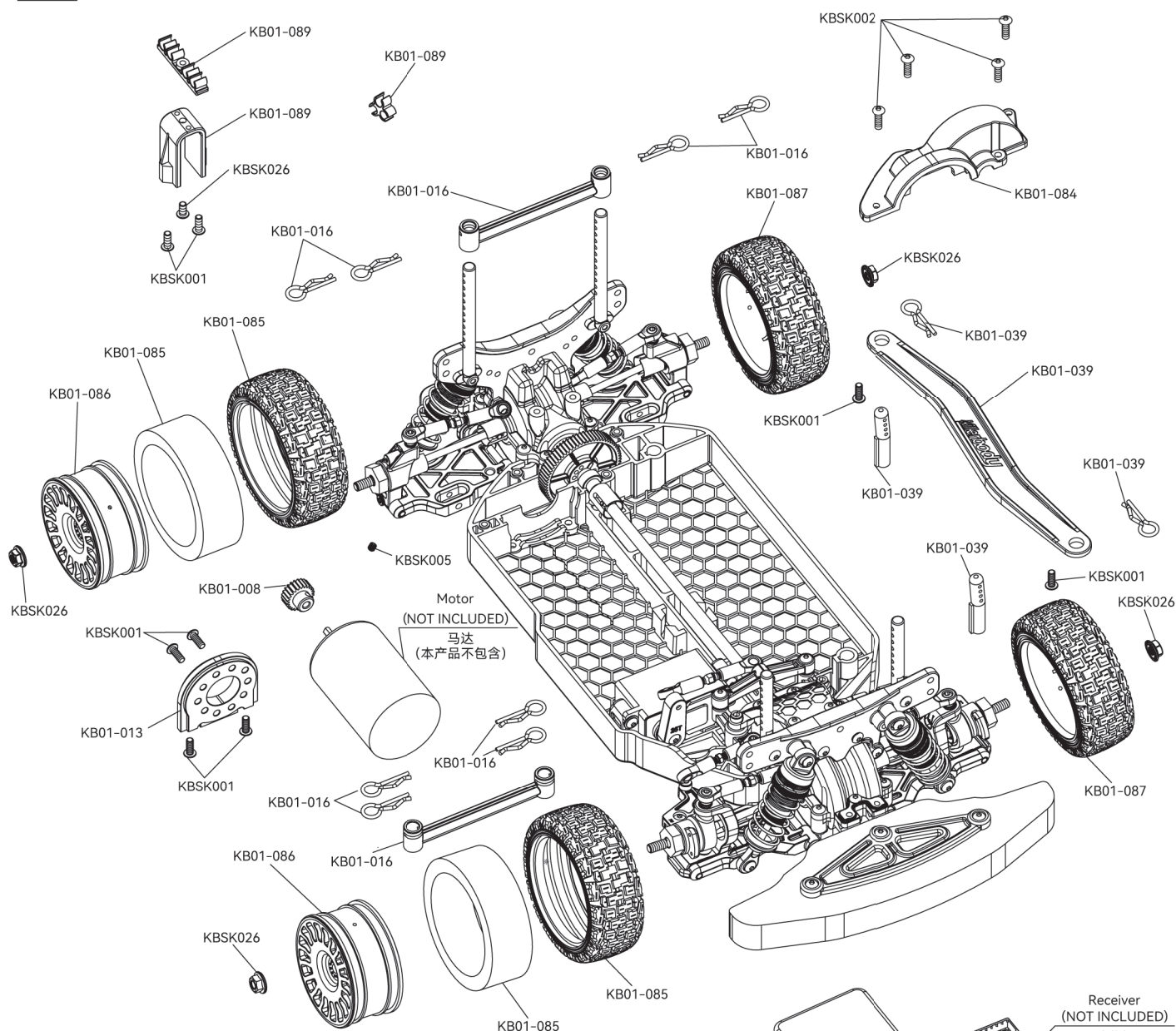
Countersunk Screw
平头螺丝
KM3×8mm
×1



Install as shown in the diagram.
按图示安装

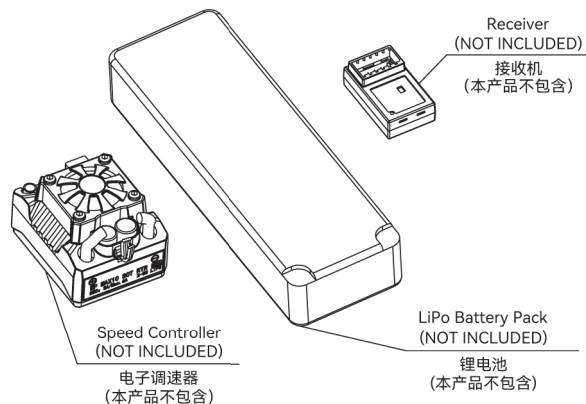


总组装
FINAL ASSEMBLY



KB01-008	Motor Pinion Gear (24T/48P) 马达齿24T / 48P
KB01-013	Aluminum Motor Plate 20T-24T 铝合金马达固定片 20T-24T
KB01-016	Body Post Set (Mars) 车壳柱组 (Mars)
KB01-039	Battery Post Set (Mars) 电池固定组件 (Mars)
KB01-084	Motor Gear and Shaft Cover (Mars) 马达齿轮, 输出轴盖 (Mars)
KB01-085	Rally Tires 50° 2pcs with insert 拉力胎皮加内胆 50° 2pcs
KB01-086	25mm 18 spokes Rally Wheels only 2pcs (12mm Hex) White 18辐条25mm宽 拉力车轮 2pc 12mm接合器适用 (白)
KB01-087	25mm 18 Spokes Rally Tires Set 2pcs unglued (12mm Hex) White 18辐条25mm宽 拉力车轮加海绵内胆加胎皮 12mm接合器适用 没有粘合 (白)

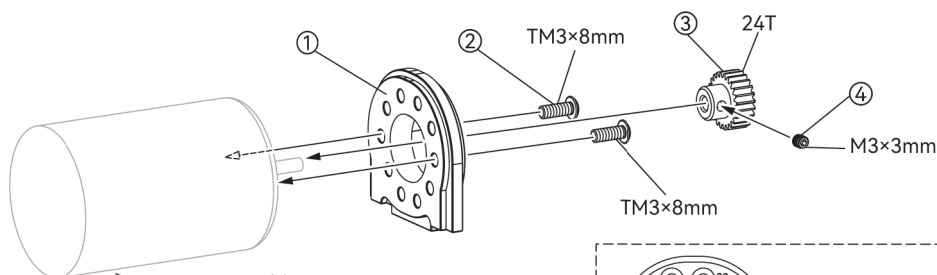
KB01-089	Cable clip set (Mars) 卡线扣组 (Mars)
KBSK001	Round Head Screw M3×8mm M3×8mm 圆头螺丝
KBSK002	Round Head Screw M3×10mm M3×10mm 圆头螺丝
KBSK005	Set screw M3×3mm M3×3mm 机米螺丝
KBSK026	Lock Nut M4 M4防松螺母
KBSK027	Round Head Screw M3×6mm M3×6mm 圆头螺丝



Round Head Screw
圆头螺丝
TM3×8mm
×8

Set Screw
机米螺丝
M3×3mm
×1

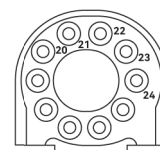
1



Motor
(NOT INCLUDED)

Installation order: ①→②→③→④
安装顺序: ①→②→③→④

马达
(本产品不包含)

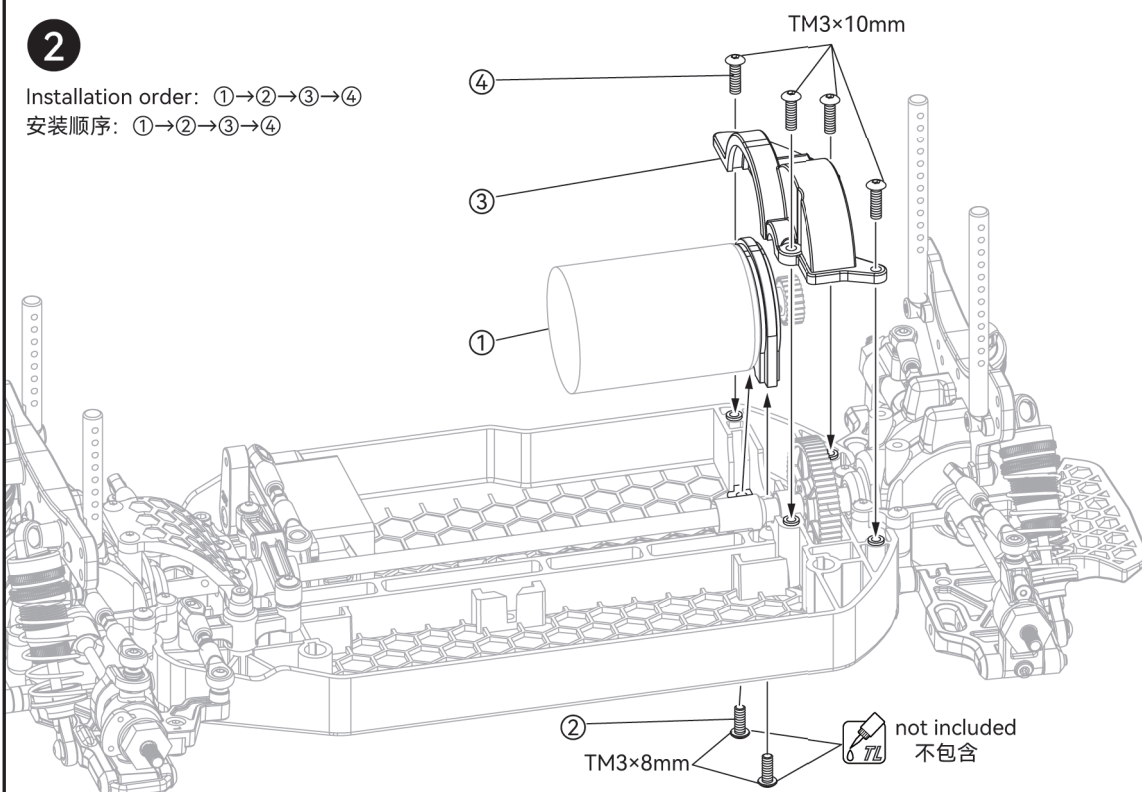


Select Position Based on
Motor Gear Teeth.
基于马达齿轮齿数选择
位置。

Round Head Screw
圆头螺丝
TM3×10mm
×4

2

Installation order: ①→②→③→④
安装顺序: ①→②→③→④

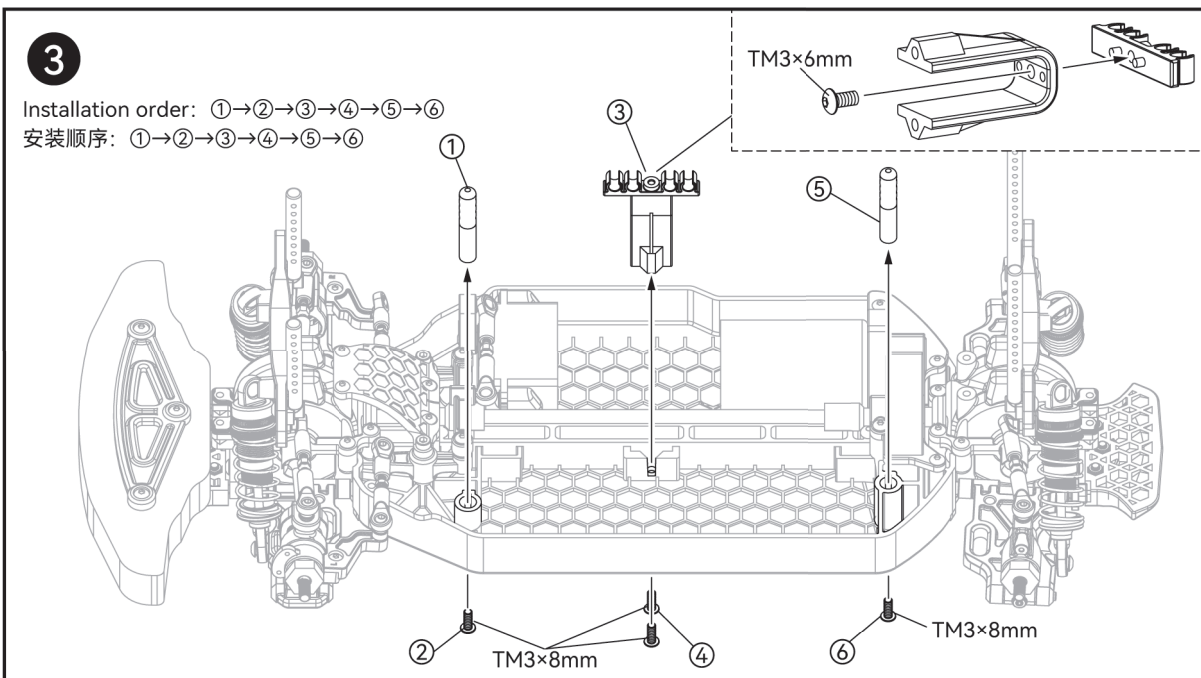


TM3×8mm not included
不包含

Round Head Screw
圆头螺丝
TM3×6mm
×1

3

Installation order: ①→②→③→④→⑤→⑥
安装顺序: ①→②→③→④→⑤→⑥



TM3×6mm

TM3×8mm

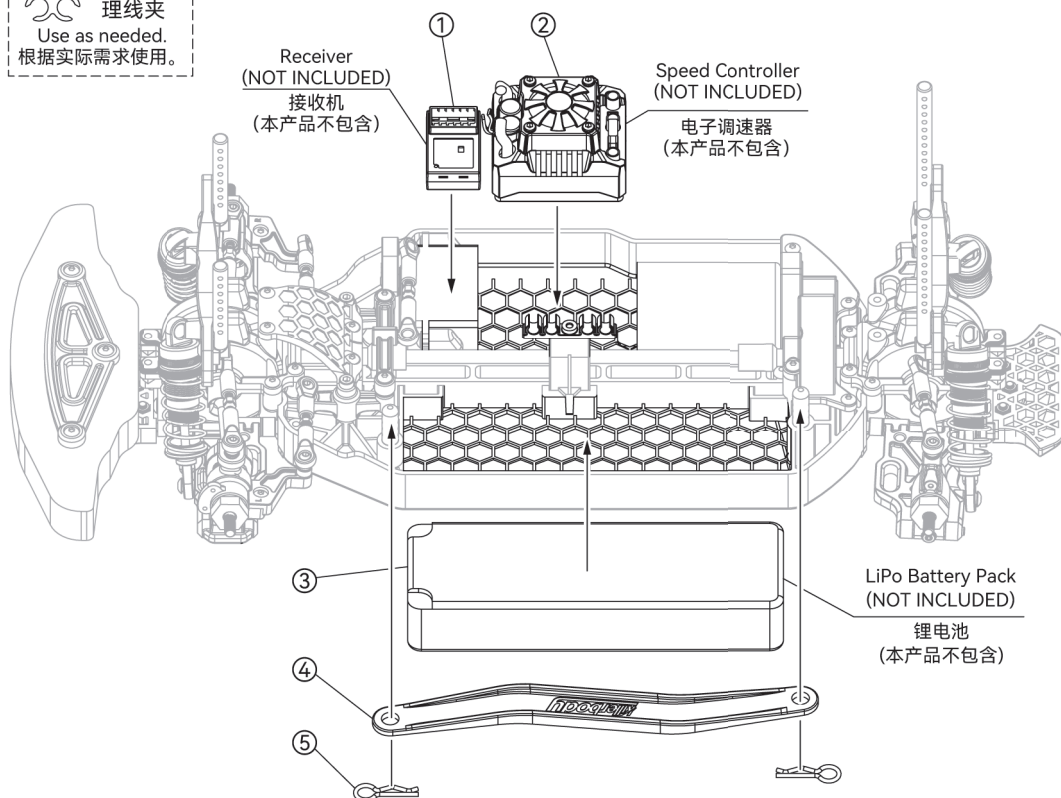
TM3×8mm

4 Installation order: ①→②→③→④→⑤→⑥
 安装顺序: ①→②→③→④→⑤→⑥

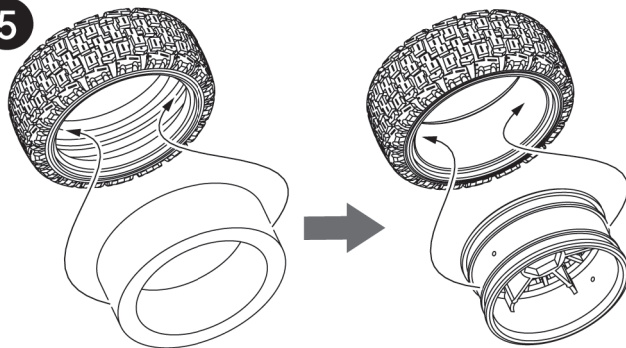
 Cord clip
 理线夹
 Use as needed.
 根据实际需求使用。



STEP 5 Detail
 第5步细节



5

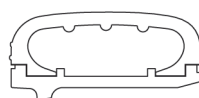


not included
 不包含



x4

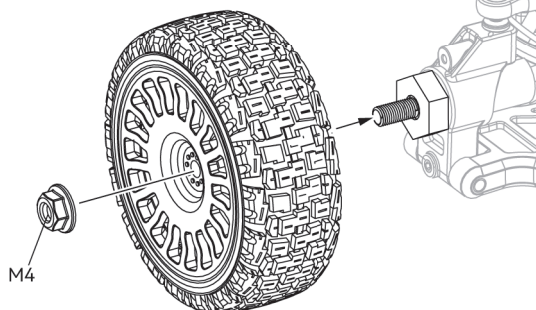
Detail
 onto the rim and then
 apply adhesive.
 将轮胎正确地安装到轮毂
 上然后涂抹粘合剂。



 
 Non-slip Hex Nut
 防滑螺母 M4
 x4

6

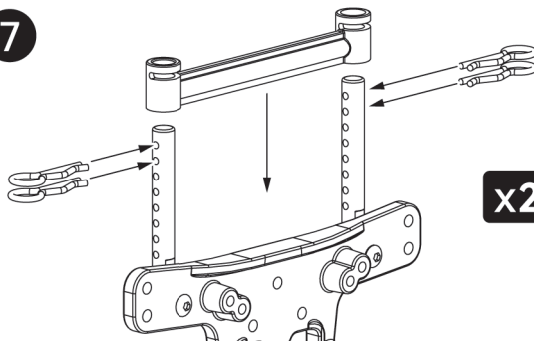
x4



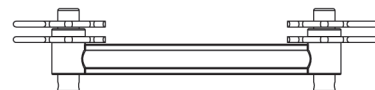
M4

7

x2



Setting body height using different post mounting points.
 使用车壳柱上不同的安装点来设定车壳高度。



车壳/RC body

货号/ITEM NO.	Description/品名	货号/ITEM NO.	Description/品名
48840	Lancia Rally 037 (Finished Body)	48762	Subaru Impreza Wrc 2007 (Finished Body)
48859	Lancia Rally 037 (Clear Body)	48761	Subaru Impreza Wrc 2007 (Clear Body)
48248	Lancia Delta HF Integrale (Finished Body)	48002	Mitsubishi Lancer Evolution X (Finished Body)
48285	Lancia Delta HF Integrale (Clear Body)	48001	Mitsubishi Lancer Evolution X (Clear Body)
48837P2	Lancia 1993 JollyClub Team Repsol Oil (Finished Body)	48250	Lancia Stratos (1977 Giro d'Italia) (Finished Body)
48860	Lancia Stratos Gr.4 (Finished Body)	48307	Lancia Stratos (1977 Giro d'Italia) (Clear Body)
48861	Lancia Stratos Gr.4 (Clear Body)		

驾驶舱/Cockpit

货号/ITEM NO.	Description/品名
48866	DIY Transparent Cockpit Fit for 1/10 Lancia 037 body
48888	Finished Cockpit Fit for 1/10 Lancia 037 body
48874	DIY Transparent Cockpit Fit for 1/10 Lancia Stratos Gr.4 body
48875	Finished Cockpit Fit for 1/10 Lancia Stratos Gr.4 body

轮毂&轮胎/Wheel hub&Tire

货号/ITEM NO.	Description/品名
48867	Wheel hub (Front) 2pcs
48868	Wheel hub (Rear) 2pcs
48870	Tire 2pcs
KB01-097	25mm Rally Tires+Yellow Wheel hub Set 2pcs
KB01-098	35mm Rally Tires+Yellow Wheel hub Set 2pcs

挡泥板/Mudguard

货号/ITEM NO.	Description/品名
KB01-099	Mudguard + Flap Set (Lancia Stratos)
KB01-100	Mudguard Flap 4pcs (MARS KR10)
KB01-101	Front Mudguard 2pcs (MARS KR10)
KB01-102	Rear Mudguard 2pcs (MARS KR10)

其他配件/Others

货号/ITEM NO.	Description/品名
KB01-091	Front Bumper Form (Lancia Stratos)
KB01-092	Front Carbon Fiber Shock Tower (MARS KR10)
KB01-093	Rear Carbon Fiber Shock Tower (MARS KR10)

车架/Chassis Frame

A 前和后差速器安装 FRONT & REAR DIFFERENTIAL ASSEMBLY

货号/ITEM NO.	Description/品名
KB01-027	Composite Diff Bevel Gear Set (Mars) 尼龙差速齿轮组(Mars)
KB01-028	Sealed ball bearings 8x12x3.5mm 4pcs 黑盖滚珠轴承8x12x3.5mm 4pcs
KB01-029	Gear Diff Outdrive 2pcs (Mars) 差速器驱动杯 2pcs (Mars)
KB01-030	Differential Gasket (4pcs) (Mars) 差速油封(4pcs)(Mars)
KB01-031	Differential O-Ring (3x5x1mm) (Mars) 差速器O圈(3x5x1mm)(Mars)
KB01-032	Differential out drive pin 1.6x9mm 10pcs (Mars) 差速杯插销1.6x9mm 10pcs(Mars)
KB01-033	Gear Differential case with gasket and Bevel Gear (Mars) 差速壳, 油封, 差速伞齿 (Mars)
KB01-034	Differential Gear shim 5x15x0.3mm 10pcs 3x9x0.1mm 10pcs (Mars) 差速器垫片组 大5x15x0.3mm垫片 10pcs 小3x9x0.1mm垫片 10pcs (Mars)
KB01-035	Gear Differential Set (Mars) 差速器组 (Mars)
KBSK021	Round Head Screw M2.0x10mm TM2.0x10圆头螺丝

B 前后减震器总成 FRONT & REAR SHOCK ASSEMBLY

货号/ITEM NO.	Description/品名
KB01-001	Shock Parts: Upper and Lower Composite Ball Caps and Spring holder (Mars) 避震组胶件(Mars)
KB01-051	Lower Shock Caps 2pcs (Mars) 避震器下盖 2pcs (Mars)
KB01-052	Shock Accessories 2 sets (Mars) 油压配件组 2组 (Mars)
KB01-053	Aluminum Ball For Shocks 10pcs 铝合金球头 10pcs
KB01-054	Shock Adjustable Nut Aluminum 2 sets 避震器调节环 2sets
KB01-055	Shock Upper Caps Aluminum 2pcs (Mars) 铝合金避震器上盖 2pcs (Mars)
KB01-056	Shock bodies 2pcs (Mars) 油压筒 2pcs (Mars)
KB01-057	Shock sets 2 sets (Mars) 油压组 2组 (Mars)
KB01-080	Oring for shock adjustable nut 2pcs 13x15x1mm 调节环O圈 2pcs 13x15x1mm
KB01-088	Springs, L32.1, 6T, 1.1D 油压弹簧 (ø1.1xN6xL32.1)

C 底板、波箱、差速器、中轴组装 Chassis, Gearbox, Differential, Driveshaft Assembly

货号/ITEM NO.	Description/品名
KB01-007	Front and Rear Gearbox Set (Mars) 波箱组 前后一套(Mars)
KB01-014	Mars Spur Gear 48p 70T 尼龙70T/48P大齿 (Mars)
KB01-018	Composite Bevel Drive Gear, Shaft & Outdrive (Mars) 传动组 (Mars)
KB01-019	Center Driver Shaft Alu (Mars) 铝合金中传动轴(Mars)
KB01-020	Composite Chassis (Mars) 尼龙底板 (Mars)
KB01-021	Front and Rear Aluminum 6061 Chassis Plate 1pc (Mars) 前后铝合金底盘连接板 1pc (Mars)
KB01-078	Sealed ball bearings 5x10x4mm 4pcs 黑盖滚珠轴承5x10x4mm 4pcs
KB01-079	Sealed ball bearings 5x11x4mm 4pcs 黑盖滚珠轴承5x11x4mm 4pcs
KB01-090	foam insert 7x6.5 海绵垫 7x6.5
KBSK002	Round Head Screw M3x10mm M3x10mm 圆头螺丝
KBSK003	Round Head Screw M3x12mm M3x12mm 圆头螺丝
KBSK023	Countersunk Screw M3x10mm M3x10mm 沉头螺丝

D 前悬挂组装 FRONT SUSPENSION ASSEMBLY

货号/ITEM NO.	Description/品名
KB01-006	Bumper Set (Mars) 防撞组(Mars)
KB01-009	Composite Wheel Hex Hubs 12mm (Mars) 12mm六角接合器(5mm) (Mars)
KB01-012	Mars 4.7mm Ball Cup set 4.7mm 球头组(Mars)
KB01-015	Mars Front and Rear composite shock tower Rally version 前后尼龙避震板拉力版 (Mars)
KB01-016	Body Post Set (Mars) 车壳柱组 (Mars)
KB01-023	C Hub. (Mars) C座组 (Mars)
KB01-024	Steering Block (Mars) 转向组 (Mars)
KB01-026	C-Hub Kingpin Bushings 4pcs (Mars) 转向衬套组 4pcs (Mars)
KB01-036	Front Suspension Arms with spacers (Mars) 前摆臂组 (Mars)
KB01-038	Arm Pivot Balls 4pcs and Spacer 4pcs (Mars) 前后轴套 2车份 (Mars)
KB01-042	Ball Stud 4.72 with Thread 8mm 10pcs 球头螺丝 4.72x8mm 10pcs
KB01-043	Ball Stud 4.72 with Thread 9mm 10pcs 球头螺丝 4.72x9mm 10pcs
KB01-044	Ball Connector 4.72mm 10pcs 球头螺母 4.72mm 10pcs
KB01-045	3x5.5x1mm shim 10pcs 3x5.5x1mm 垫片 10pcs
KB01-046	3x5.5x3mm spacer 10pcs 3x5.5x3mm 垫片 10pcs
KB01-049	Aluminum Spacer 5x8x1.5mm 10pcs 铝合金垫片 5x8x1.5mm 10pcs
KB01-058	Front CVA 1 set (Mars) 前 CVA 1套 (Mars)
KB01-061	3x50mm Inner Hinge Pin 2pcs (Mars) 3x50mm 摆臂内轴 2pcs (Mars)
KB01-063	3x22mm Front Outer Hinge Pin 2pcs (Mars) 3x22mm 前摆臂外轴 2pcs (Mars)
KB01-064	Front Bumper Form (Mars) 前防撞海绵 (Mars)
KB01-066	Front Spring Steel Arm Mount 1pc (Mars) 前摆臂臂码 1pc (Mars)
KB01-076	Steel Turnbuckle M3x25mm 2pcs 调节连杆 M3x25mm 2pcs

货号/ITEM NO. Description/品名

KB01-078	Sealed ball bearings 5x10x4mm 4pcs 黑盖滚珠轴承5x10x4mm 4pcs
KBSK001	Round Head Screw M3x8mm M3x8mm 圆头螺丝
KBSK002	Round Head Screw M3x10mm M3x10mm 圆头螺丝
KBSK003	Round Head Screw M3x12mm M3x12mm 圆头螺丝
KBSK005	Set screw M3x3mm M3x3mm 机米螺丝
KBSK022	Countersunk Screw M3x8mm M3x8mm 沉头螺丝
KBSK024	Lock Nut M3 M3防松螺母

E 后悬挂组装 REAR SUSPENSION ASSEMBLY

货号/ITEM NO.	Description/品名
KB01-006	Bumper Set (Mars) 防撞组(Mars)
KB01-009	Composite Wheel Hex Hubs 12mm (Mars) 12mm六角接合器(5mm) (Mars)
KB01-012	Mars 4.7mm Ball Cup set 4.7mm 球头套组(Mars)
KB01-015	Mars Front and Rear composite shock tower Rally version 前后尼龙避震板拉力版 (Mars)
KB01-016	Body Post Set (Mars) 车壳柱组 (Mars)
KB01-022	Up Right (Mars) 后轮座组 (Mars)
KB01-037	Rear Suspension Arms with spacers (Mars) 后摆臂组 (Mars)
KB01-038	Arm Pivot Balls 4pcs and Spacer 4pcs (Mars) 前后轴套 2车份 (Mars)
KB01-042	Ball Stud 4.72 with Thread 8mm 10pcs 球头螺丝 4.72x8mm 10pcs
KB01-044	Ball Connector 4.72mm 10pcs 球头螺母 4.72mm 10pcs
KB01-045	3x5.5x1mm shim 10pcs 3x5.5x1mm 垫片 10pcs
KB01-049	Aluminum Spacer 5x8x1.5mm 10pcs 铝合金垫片 5x8x1.5mm 10pcs
KB01-061	3x50mm inner Hinge Pin 2pcs (Mars) 3x50mm 摆臂内轴 2pcs (Mars)
KB01-062	3x25mm Rear Outer Hinge Pin 2pcs (Mars) 3x25mm 后摆臂外轴 2pcs (Mars)
KB01-065	Rear Spring Steel Arm Mount 1pc (Mars) 后摆臂臂码 1pc (Mars)
KB01-067	Rear Drive Axles 2pcs (Mars) 后轮轴 2pcs (Mars)
KB01-068	Rear Drive Shaft 2pcs (Mars) 后狗骨 2pc (Mars)
KB01-076	Steel Turnbuckle M3x25mm 2pcs 调节连杆 M3x25mm 2pcs
KB01-078	Sealed ball bearings 5x10x4mm 4pcs 黑盖滚珠轴承5x10x4mm 4pcs
KB01-081	Arm Mount Inserts Set 4pcs (Mars) 摆臂轴套 4pcs (Mars)
KBSK002	Round Head Screw M3x10mm M3x10mm 圆头螺丝
KBSK003	Round Head Screw M3x12mm M3x12mm 圆头螺丝
KBSK005	Set screw M3x3mm M3x3mm 机米螺丝
KBSK022	Countersunk Screw M3x8mm M3x8mm 沉头螺丝
KBSK024	Lock Nut M3 M3防松螺母

**转向组安装****STEERING BLOCK ASSEMBLY**

货号/ITEM NO.	Description/品名
KB01-012	Mars 4.7mm Ball Cup set 4.7mm 球头套组(Mars)
KB01-025	Steel Bushing 4pcs (Mars) 衬套 4pcs (Mars)
KB01-041	Ball Stud 4.72 with Thread 5mm 10pcs 球头螺丝 4.72×5mm 10pcs
KB01-048	3×7×0.5mm shims 10pcs 3×7×0.5mm垫片 10pcs
KB01-050	Aluminum spacer 3×4.8×5.7mm 10pcs 铝合金垫片 3×4.8×5.7mm 10pcs
KB01-073	Steering set (Mars) 转向组 (Mars)
KB01-074	Composite Servo Horn 23T 1pc 25T 1pc (Mars) 尼龙伺服器臂 23T 1pc 25T 1pc (Mars)
KB01-075	Servo Mount set (Mars) 伺服器固定组 (Mars)
KB01-076	Steel Turnbuckle M3x25mm 2pcs 调节连杆 M3x25mm 2pcs
KB01-077	Steel Turnbuckle M3x20mm 2pcs 调节连杆 M3x20mm 2pcs
KB01-082	Sealed ball bearings 3x6x2.5mm 4pcs 黑盖滚珠轴承3x6x2.5mm 4pcs
KB01-083	Steering reinforce cover (Mars) 转向加强罩 (Mars)
KBSK001	Round Head Screw M3×8mm M3×8mm 圆头螺丝
KBSK003	Round Head Screw M3×12mm M3×12mm 圆头螺丝
KBSK022	Countersunk Screw M3×8mm M3×8mm 沉头螺丝
KBSK025	Socket head shoulder screw M3×20mm 杯头半螺纹螺丝M3×20mm

**总组装****Final Assembly**

货号/ITEM NO.	Description/品名
KB01-008	Motor Pinion Gear (24T/48P) 马达齿24T / 48P
KB01-013	Aluminum Motor Plate 20T-24T 铝合金马达固定片 20T-24T
KB01-016	Body Post Set (Mars) 车壳柱组 (Mars)
KB01-039	Battery Post Set (Mars) 电池固定组件 (Mars)
KB01-084	Motor Gear and Shaft Cover (Mars) 马达齿轮, 输出轴盖 (Mars)
KB01-085	Rally Tires 50° 2pcs with insert 拉力胎皮加内胆 50° 2pcs
KB01-086	25mm 18 spokes Rally Wheels only 2pcs (12mm Hex) White 18辐条25mm宽 拉力车轮 2pc 12mm接合器适用 (白)
KB01-087	25mm 18 Spokes Rally Tires Set 2pcs unglued (12mm Hex) White 18辐条25mm宽 拉力车轮加海绵内胆加胎皮 12mm接合器适用 没有粘合 (白)
KB01-089	Cable clip set (Mars) 卡线扣 组 (Mars)
KBSK001	Round Head Screw M3×8mm M3×8mm 圆头螺丝
KBSK002	Round Head Screw M3×10mm M3×10mm 圆头螺丝
KBSK005	Set screw M3×3mm M3×3mm 机米螺丝
KBSK026	Lock Nut M4 M4防松螺母
KBSK027	Round Head Screw M3×6mm M3×6mm 圆头螺丝

MARS 1/10 4WD Rally Chassis Kit

ASSEMBLY KIT

Name
名字

Date
日期

Track
场地

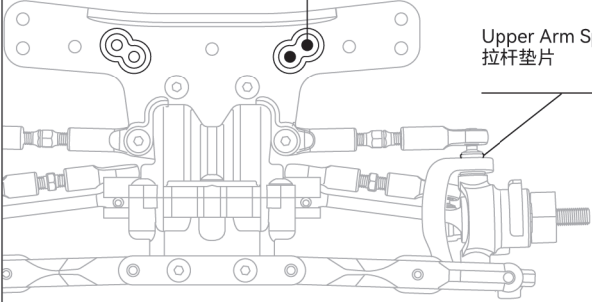
Track condition
场地抓地状态

Air Temp.
气温

Humidity
湿度

Track Temp.
场地路面温度

Front
前



Damper Position
上避震安装点
NO.

Upper Arm Spacer
拉杆垫片
mm

Caster Angle
主销后倾角 °

Camber Angle
外倾角 °

Ground Clearance
车高 mm

Rebound Stroke
回弹行程 mm

Stabilizer
防倾杆

Wheel Hub 4 mm
车轮结合器 5 mm

Wheel Spacer
车轮垫片 mm

Differential Oil
差速油 # / g



Oil Seal
油封

Piston hole(s)
活塞 孔

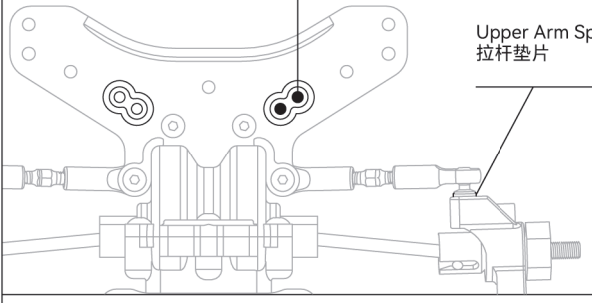
Oil
避震油 #

Spring
弹簧

Stroke Length
避震行程长度

Memo 笔记

Rear
后



Damper Position
上避震安装点
NO.

Upper Arm Spacer
拉杆垫片
mm

Camber Angle
外倾角 °

Ground Clearance
车高 mm

Rebound Stroke
回弹行程 mm

Stabilizer
防倾杆

Wheel Hub 4 mm
车轮结合器 5 mm

Wheel Spacer
车轮垫片 mm

Differential Oil
差速油 # / g



Oil Seal
油封

Piston hole(s)
活塞 孔

Oil
避震油 #

Spring
弹簧

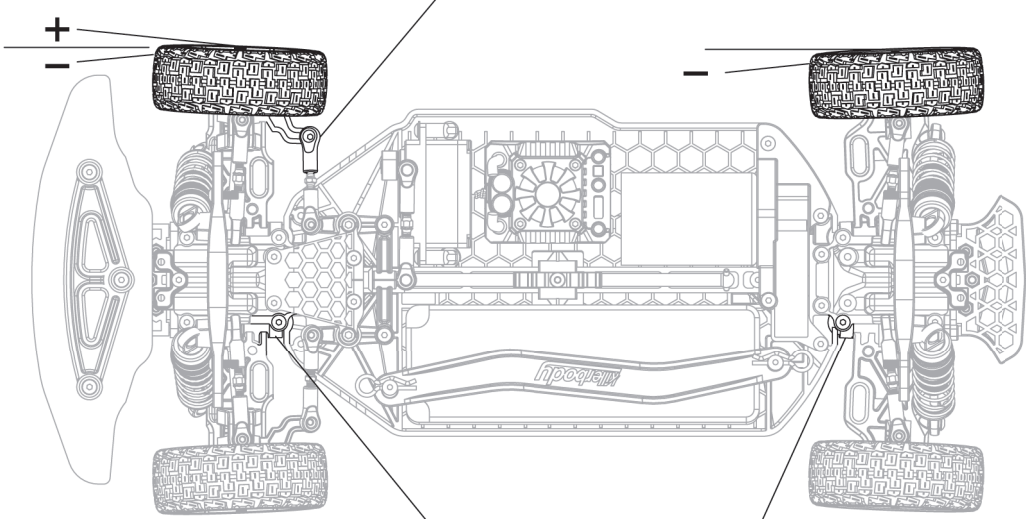
Stroke Length
避震行程长度

Memo 笔记

Toe Angle (front)
前束角 °

Upright Spacer
转向节垫片 mm

Toe Angle (rear)
后束角 °



Front Suspension Arm Spacer
前摆臂垫片

Rear Suspension Arm Spacer
后摆臂垫片

Motor
马达

Spur Gear
塑料大齿轮 T

Pinion Gear
马达齿轮 T

Battery
电池 / g

Best Lap
最快单圈

Body
车壳

Wing
尾翼

Tire
轮胎

Wheel
轮毂

Tire Insert
轮胎内胆



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