

LC10B5★V2

1/10 4WD ELECTRIC RACING BUGGY

1/10 SCALE KIT



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1/10 SCALE KIT



Email: info@lcracing.net



IM(Message only): WhatsApp/Wechat/Line:
+852 66777238



Northfield United Technology Co., Ltd.



Phone: +86 0755 28618602



3rd Floor Building A, NO.8 Fukeng Road, Anliang Village,
HengGang Town, LonGang District, Shenzhen, P.R.China



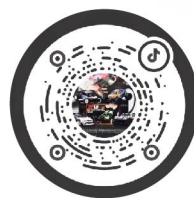
FB1: [facebook.com/smallcarbigfun](https://www.facebook.com/smallcarbigfun)
FB2: [facebook.com/lcracing.emb](https://www.facebook.com/lcracing.emb)



IG: @real_lcracing



www.lcracing.net



公司: 深圳市北田科技有限公司
电话: 0755-28618602

地址: 深圳市龙岗区园山街道安良五村福坑路8号A栋厂房3楼
网站: www.lcracing.net

BZ6192

Specifications are subject to change without notice

LCRACING 
RADIO CONTROLLED BUGGIES

适用年龄 Age: 14+

LC10B5★V2

1/10 4WD ELECTRIC RACING BUGGY

1/10 SCALE KIT

LCRACING

RADIO CONTROLLED BUGGIES



**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)



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

2× Assemble as many
times as specified
按指定的次数组装

TOOLS REQUIRED

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



Arm Reamer 3.0mm

3. 0mm铰刀



Socket Driver 5.5mm

5. 5mm套筒



Socket Driver 7.0mm

7. 0mm套筒



Cutter

美工刀



Multi Clamp

多功能钳



Reamer

扩孔器



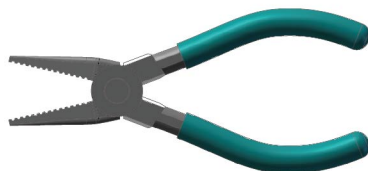
Tweezer

镊子



Pliers

尖嘴钳



Curve Scissors

剪刀



Turnbuckle Wrench

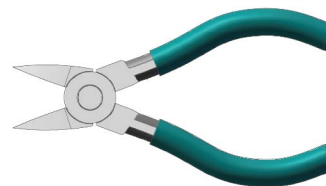
4mm+3mm

连杆扳手



Side Cutters

斜口剪



WARNING:

This product is not a toy. Keep out of reach of children 3 years of age or younger. It is not recommended for children under 14-year-old and any minor under the age of 18 should be accompanied by an adult when operating. This product is a precision machine that requires proper assembly and setup to avoid accidents. Failure to take caution when operating this product may result in serious injury or property damage. It is the owner's responsibility to operate this product in a safe manner. Manufacturer and its distributors are not responsible in any way for all bodily injury(s) and/or property damage that may occur from the use of or caused by in any way of this product.

SAFTY PRECAUTIONS

- Never charge a lithium polymer battery with a charger designed for NiCd, NiMH, or any other type of battery chemistry. Use ONLY charger designed for LiPo Battery.
- Do not leave LiPo battery unattended during charging.
- Do not overcharge the battery.
- Always place the battery on a heat resistant surface alone when charging.
- Always put the LiPo battery inside a charging protection container while charging.
- Do not allow LiPo cells to overheat at any time. Cells which reach greater than 140 Fahrenheit (60°C) will usually become damaged and will catch fire.

Never put fingers or any objects inside rotating and moving parts, this may cause serious damage and injury.

Do not touch motor, electronic speed control and battery after use of model, it may get hot, and you may get burned.

OPERATION SAFTY PRECAUTIONS

Avoid running the car in crowded areas and near small children

Avoid running in standing water and rain. If RC unit, motor, or battery get wet, clean, and dry it carefully.

Always charge lipo battery with a lipo charger bag.

Do not walk away when the battery is charging.

RC OPERATION PROCEDURES

1. Switch on Transmitter first
2. Switch on receiver
3. Check option using transmitter before running
4. Adjust steering servo and trim, make sure the model running straight with transmitter in neutral
5. After running, switch off receiver first, then the transmitter
6. Make sure disconnect and remove all batteries
7. Clean up and apply grease the model
8. Store the model and battery separately when not in use

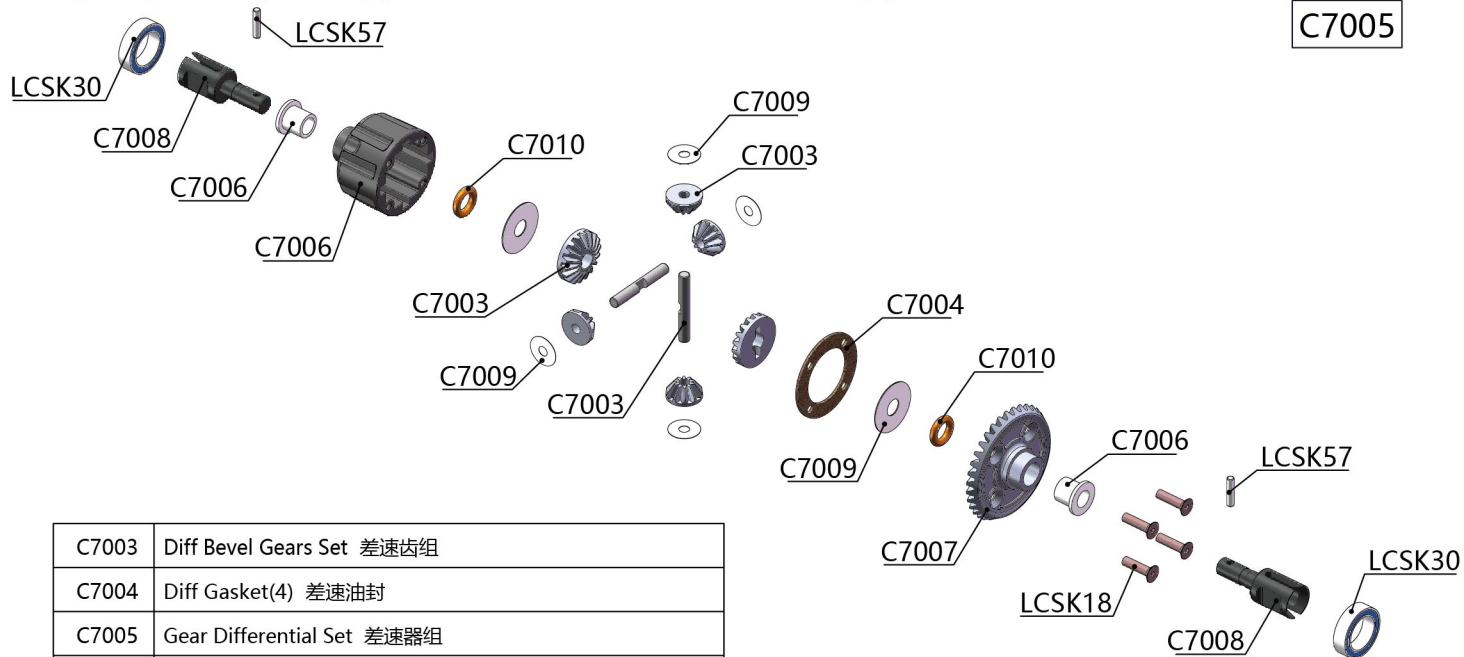
CHOKING HAZARD:

Small parts, not for children, do not put any parts into mouth, or lick any parts of the model. Do not touch the gear when they are running.

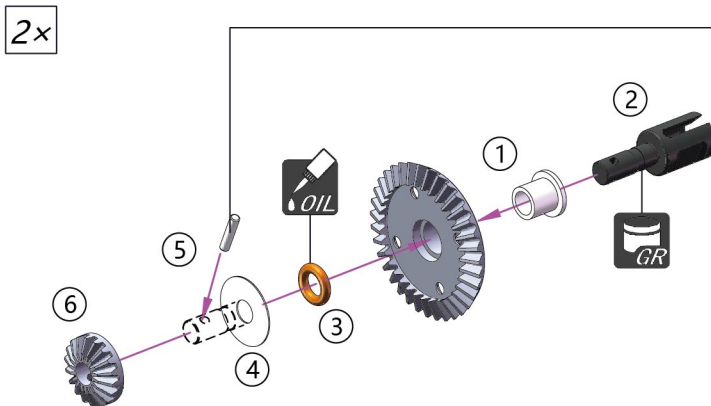
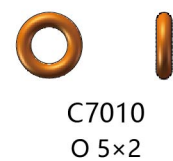
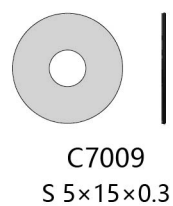
Please read the user manual thoroughly before operation. Please be familiar with the caution, function, and usage of the model. The specification is of the R/C product may be altered without notice. This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Please recycle.

BAG A: FRONT & REAR DIFFERENTIAL ASSEMBLY

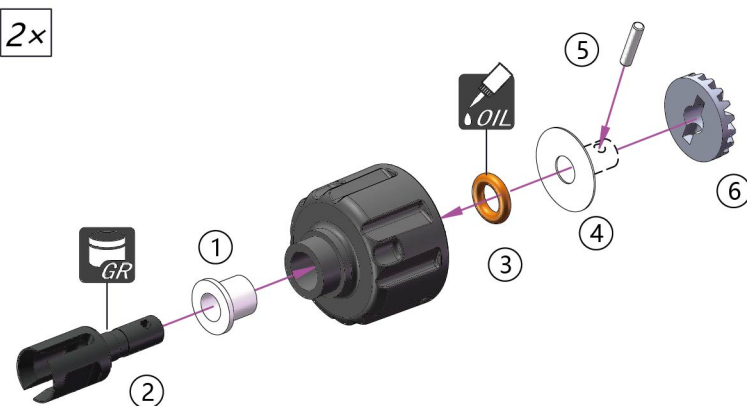
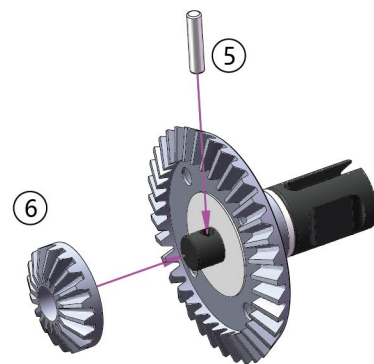
C7005



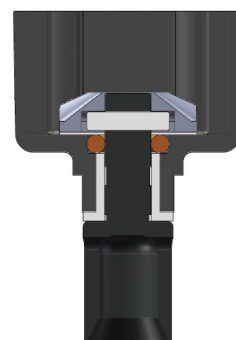
C7003	Diff Bevel Gears Set 差速齿组	
C7004	Diff Gasket(4) 差速油封	
C7005	Gear Differential Set 差速器组	
C7006	Gear Differential Case 差速壳组	
C7007	Steel Diff Bevel Gear 35T 差速器大伞齿35T	
C7008	Gear Diff Outdrive Light Weight (2) 轻量化差速器驱动杯	LCSK18
C7009	Diff Shim 3x9x0.1(10)/5x15x0.3(10) 差速器垫片	LCSK30
C7010	Diff O-Ring Red 5x2(10) 差速器O圈 5x2	LCSK57



STEP ⑤ ⑥ Detail
第5、6步细节



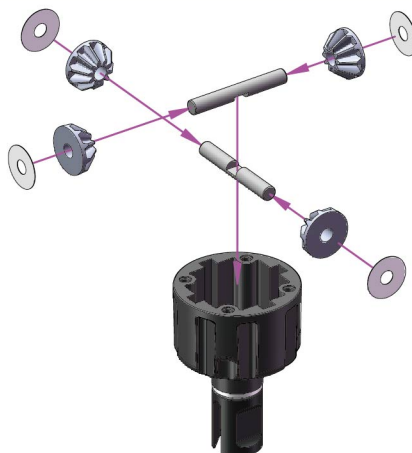
CUTAWAY VIEW
剖视图





C7009
S 3×9×0.1

2×



Front diff

Silicone oil 10 000cSt
Fill just above the cross-pins
前差速: 硅油10000cSt,
填充到正好盖过十字轴



Rear diff

Silicone oil 10 000cSt
Fill just above the cross-pins.
后差速: 硅油10000cSt,
填充到正好盖过十字轴



PROPER AMOUNT OF OIL IN THE DIFFS

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.

灌注适当的差速油: 差速器运作时, 差速器内的差速油会产生热量而膨胀, 油的体积增大, 所以不要加满差速油



Fill differential up to the top of the diff cross-pins. DO NOT fill the diff to the top of the housing.
灌注差速油的量, 以图示为准



LCKS18
KM M2.5×10



LCKS30
BB 10×15×4

2×

2.5×10mm

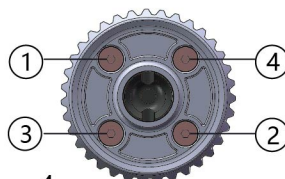


2×

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



2×

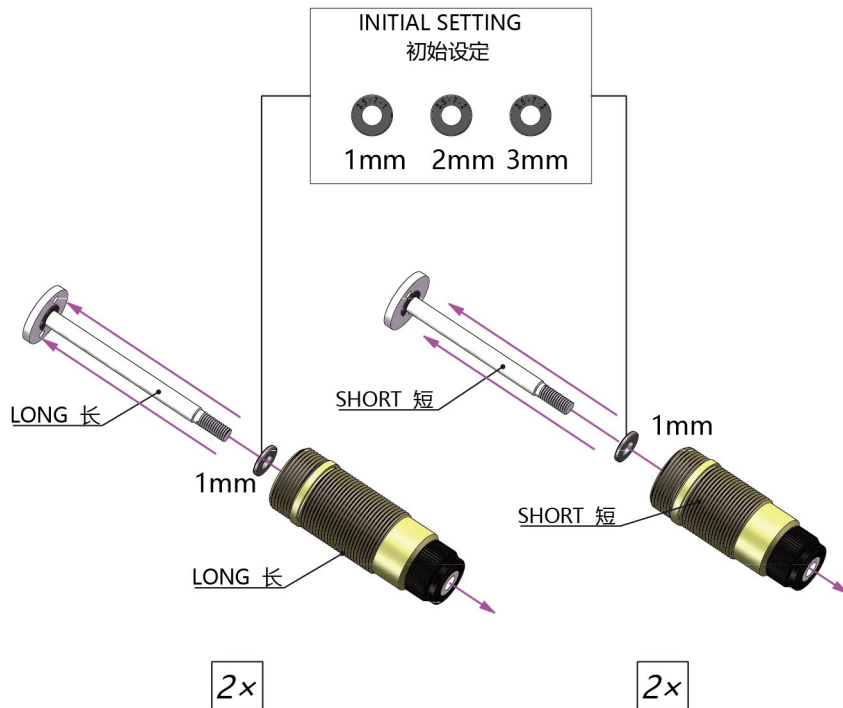
10×15×4mm



10×15×4mm



C7011
3.5×6×1

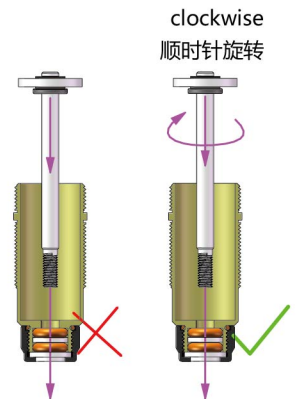


EXTREMELY IMPORTANT

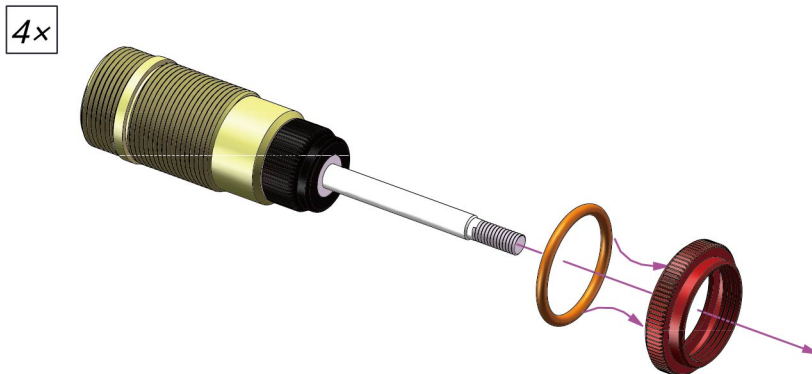
Rotate the shock shaft clockwise through the lower shock body assembly. Do not push the shock shaft straight through the lower shock body assembly! This may damage O-ring. (See below)

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!



C7117
O 16×1.5



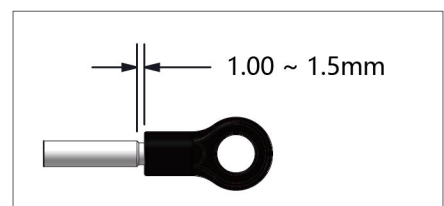
DETAIL 细节



C7117
O 13×1



4x

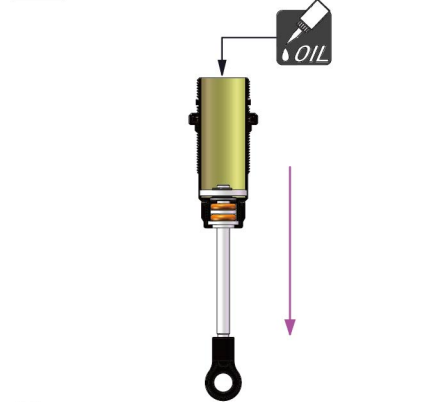


DEFAULT SHOCK REBOUND SETTING 0% REBOUND 原厂设定避震回弹率0%

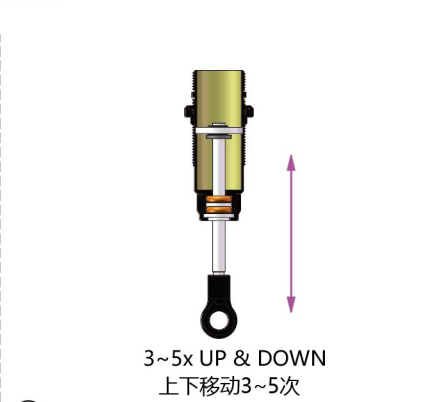
Follow the steps below to set the shock rebound to the default setting of 0% 请按以下步骤设定0%回弹率。

2x FRONT (SHORT) 前避震(短)
Oil 700cst

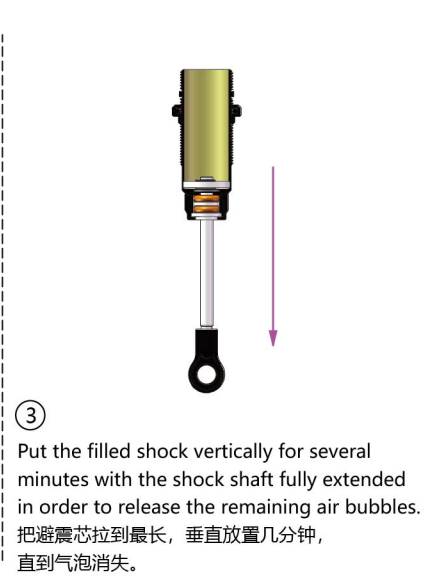
2x REAR (LONG) 后避震(长)
Oil 500cst



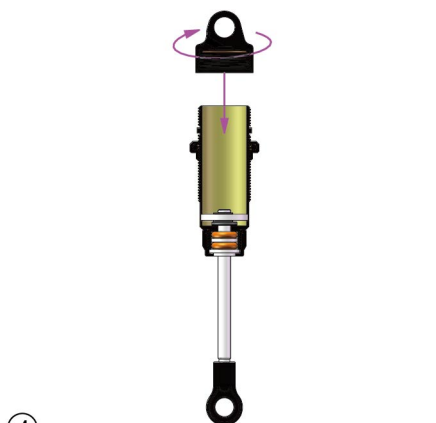
① Extend the shock shaft all the way. Fill with shock oil. For the FRONT shocks (short) use 700cst oil. For the REAR shocks (long) use 500cst oil.
将避震行程拉到最大，倒入避震油；前避震器(短)用700cst油，后避震器(长)用500cst油。



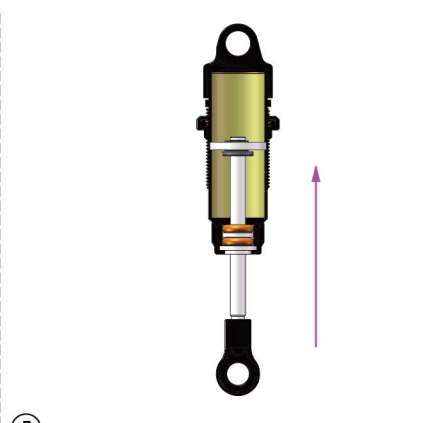
② Move the shock shaft up and down a few times to release the air bubbles trapped beneath the piston.
上下拉动避震芯，把活塞下方的气泡释放出来。



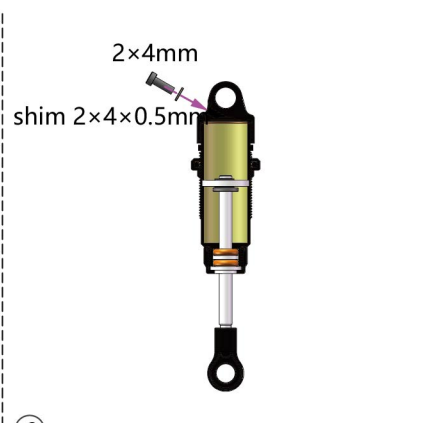
③ Put the filled shock vertically for several minutes with the shock shaft fully extended in order to release the remaining air bubbles.
把避震芯拉到最长，垂直放置几分钟，直到气泡消失。



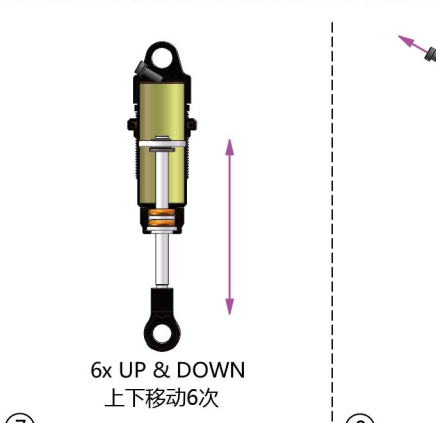
④ Gently place the shock cap onto the filled shock body and start to tighten the cup. Tighten the cap fully.
轻轻地避震帽放在避震桶上，并缓慢地将避震帽拧紧。



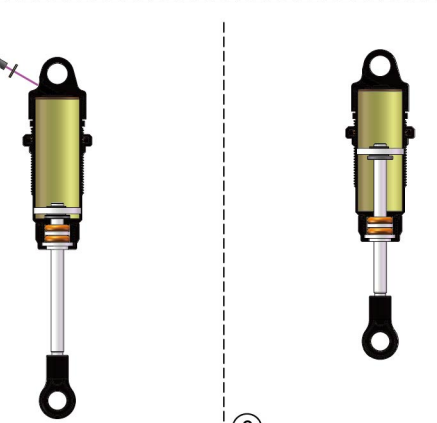
⑤ Gently push the shock shaft completely into the shock body. Excess oil will flow through the hole in the shock cap.
缓慢地将避震芯向上推到顶，避震油会从避震帽的螺丝孔中流出。



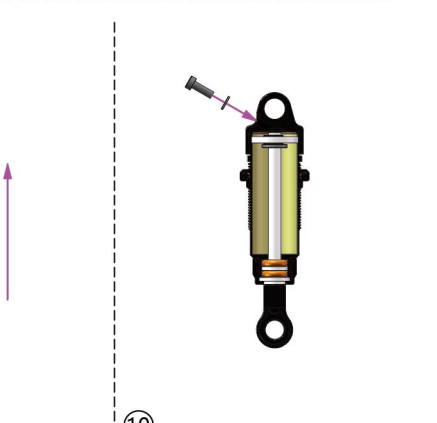
⑥ Keep the shock shaft pushed in the shock body and insert the screw into the shock cap. Tighten gently.
避震芯保持在最上方，缓缓地将避震帽螺丝轻轻拧紧。



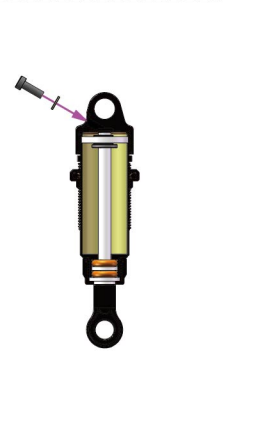
⑦ 6x push the shaft up and down.
上下推拉避震芯6次，然后把避震芯拉到最下的位置。



⑧ Untighten the screw.
将避震帽螺丝取出。



⑨ Gently push the shock shaft completely into the shock body. Excess oil will flow through the hole in the shock cap.
再次缓慢地把避震芯推到顶，多余的避震油会从避震帽的孔流出。

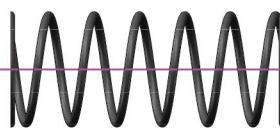
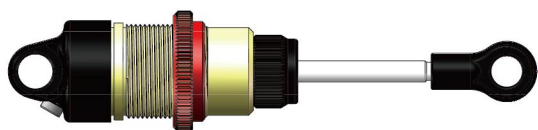


⑩ Tighten the screw.
The rebound will be at approx 0%.
再次拧紧螺丝，此时避震器将会是0%的回弹。

2×

FRONT SHOCKS (SHORT) 前避震(短)

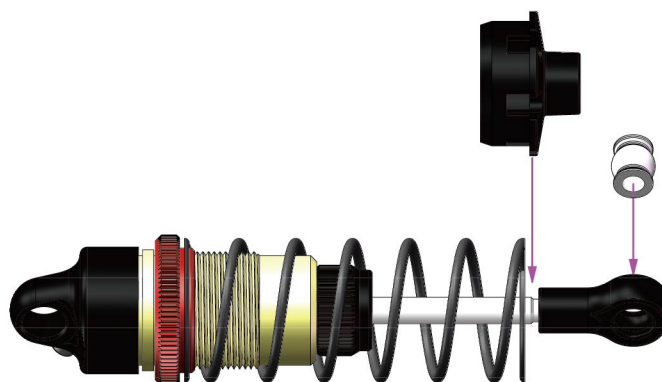
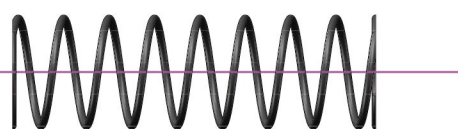
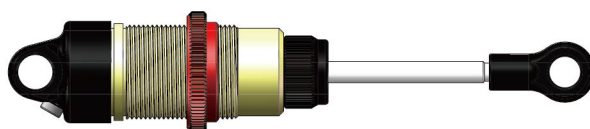
Short Springs短弹簧(45mm)



2×

REAR SHOCKS (SHORT) 后避震(长)

Long Springs长弹簧(60mm)

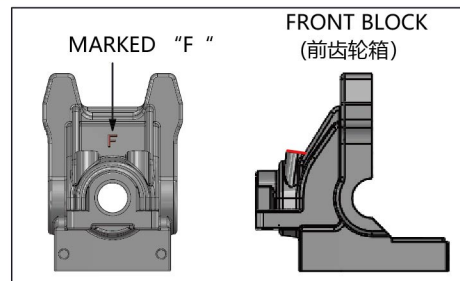
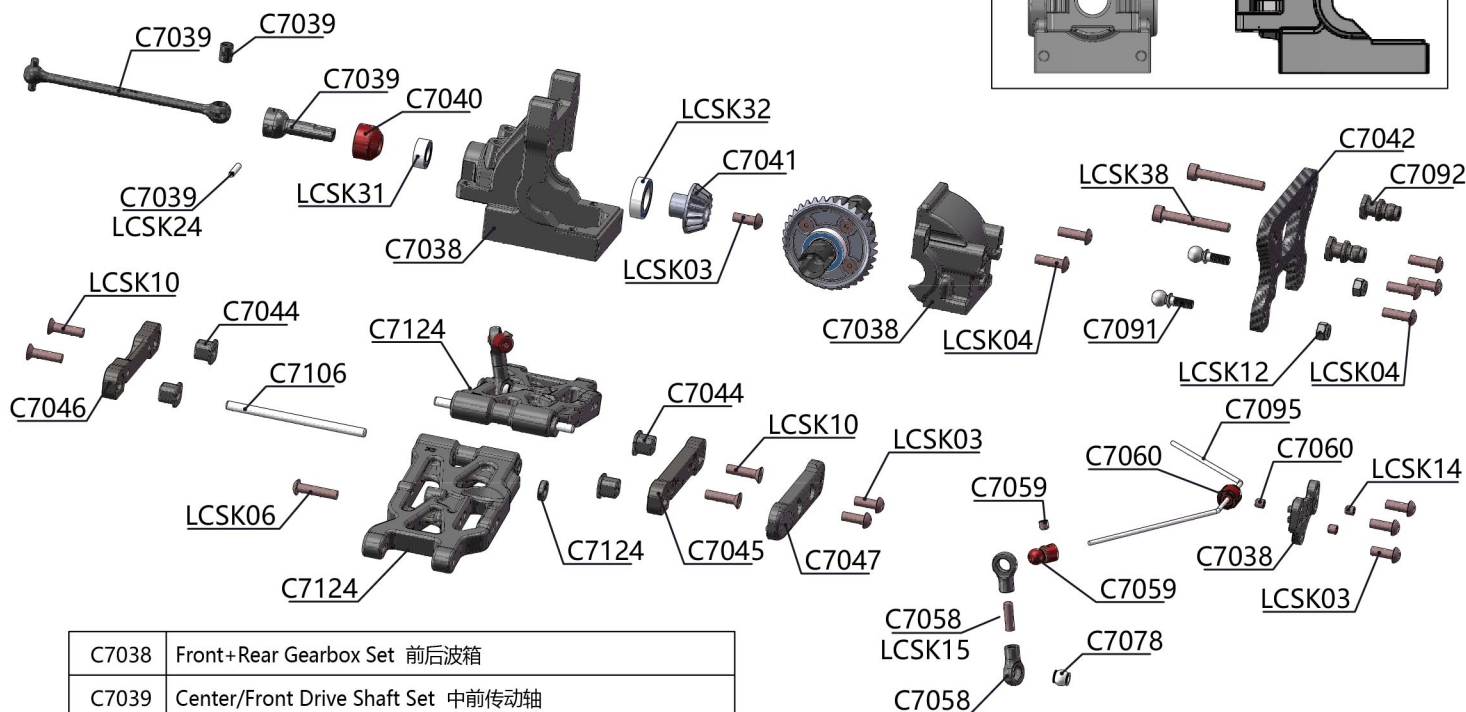


Two front shocks overall length must be equal
两个前避震总长度必须相等

Two Rear shocks overall length must be equal
两个后避震总长度必须相等

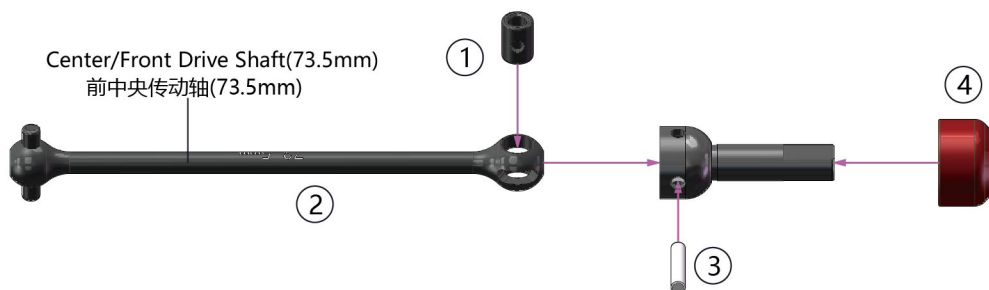
Bag C: FRONT GEAR BOX ASSEMBLY

C包：前波箱组安装



C7038	Front+Rear Gearbox Set 前后波箱	C7106	3×50mm Inner Hinge Pin Hard(2) 3×50mm特材摆臂内轴
C7039	Center/Front Drive Shaft Set 中前传动轴	C7124	Front Suspension Arm L/R V2 前摆臂V2
C7040	Drive Shaft Collar Alu(4) 金属传动轴护套	LCSK03	Round Head Screw M3X8mm(2.0mm Hex Socket/20pcs) M3×8mm 圆头螺丝
C7041	Steel Bevel Drive Gear 14T 14T金属伞齿	LCSK04	Round Head Screw M3X10mm(2.0mm Hex Socket/20pcs) M3×10mm 圆头螺丝
C7042	Front Carbon Fiber Shock Tower 4mm 前碳纤维避震板4mm	LCSK06	Round Head Screw M3X14mm(2.0mm Hex Socket/20pcs) M3×14mm 圆头螺丝
C7044	Arm Mount Inserts Set(4) 摆臂轴套	LCSK10	Countersunk Screw M3X12mm(2.0mm Hex Socket/20pcs) M3×12mm 沉头螺丝
C7045	Arm Mount FF Alu 7075-T6 FF 7075-T6铝合金臂码	LCSK12	Lock Nut M3(5.5mm nut driver/20pcs) M3防松螺母
C7046	Arm Mount FR Alu 7075-T6 FR 7075-T6铝合金臂码	LCSK14	Set screw M3X3mm(1.5mm Hex Socket/20pcs) M3×3mm 机米螺丝
C7047	Front Bumper 前防撞	LCSK15	Set screw M3×10mm(1.5mm Hex Socket/20pcs) M3×10mm 机米螺丝
C7058	5.5mm Ball Cap Open(4) 5.5开式波帽	LCSK24	2×9.8mm Pins(20) 2×9.8mm滚针
C7059	5.5MM Ball End Alu(4) 5.5铝合金球头	LCSK31	5×10×4mm Rubber Sealed Bearing(10) 5×10×4mm轴承
C7060	Stop Collar Alu(4) 铝合金锁止轴套	LCSK32	8×14×4mm Rubber Sealed Bearing(10) 8×14×4mm轴承
C7078	Pivot Ball Ø5.5(4) Ø5.5球头	LCSK38	Socket Head Screw M3×22mm (2.5mm Hex Socket/10pcs) M3×22mm 杯头螺丝
C7091	Ball Stud 5.5mm With Thread 8mm 5.5球头×8mm		
C7092	Shock Bushings Alu Hard coated(2) 铝合金避震上球头柱硬阳		
C7095	Sway bar Set 防倾杆组		

C7039
P 2×9.8





LCSK03
TM M3x8



LCSK31
BB 5x10x4



LCSK32
BB 8x14x4



LCSK04
TM M3x10



LCSK04
TM M3x10



LCSK12
N M3

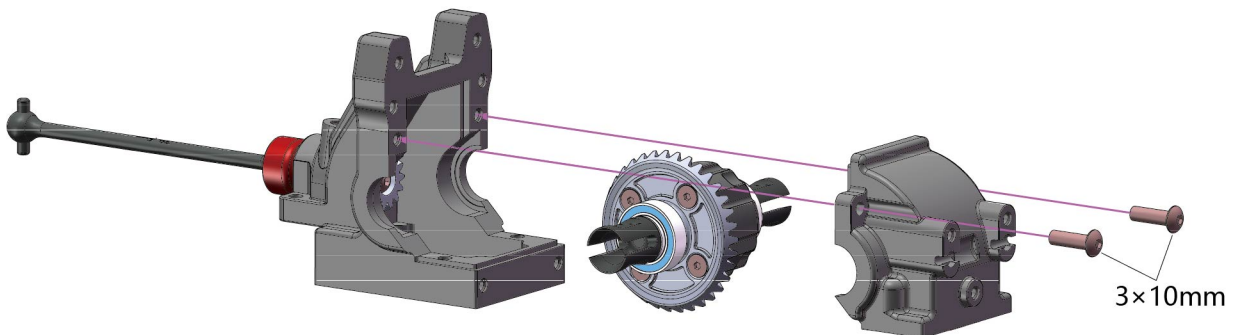
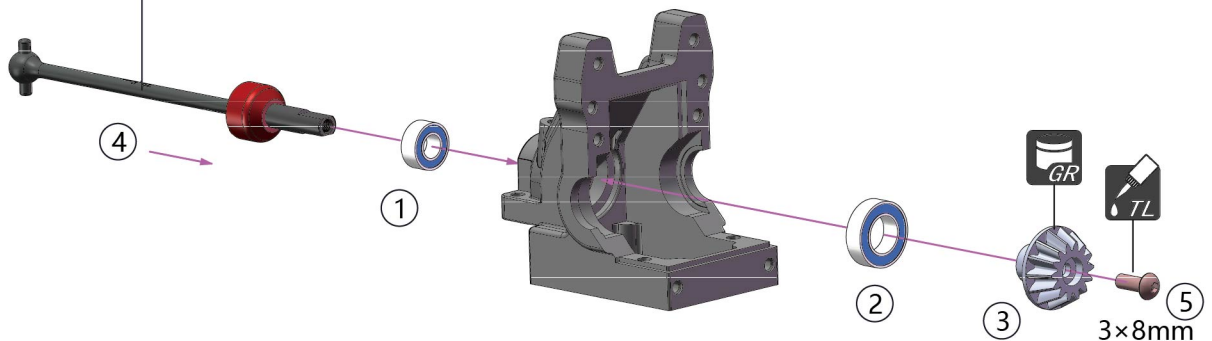
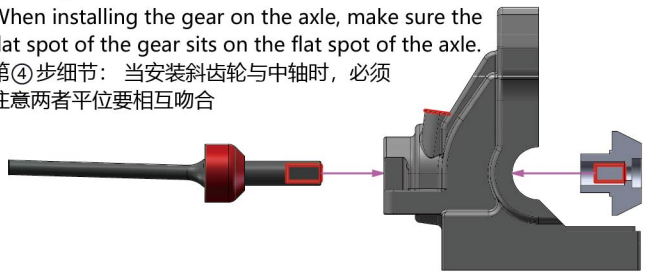


LCSK38
CM M3x22

STEP ④ DETAIL

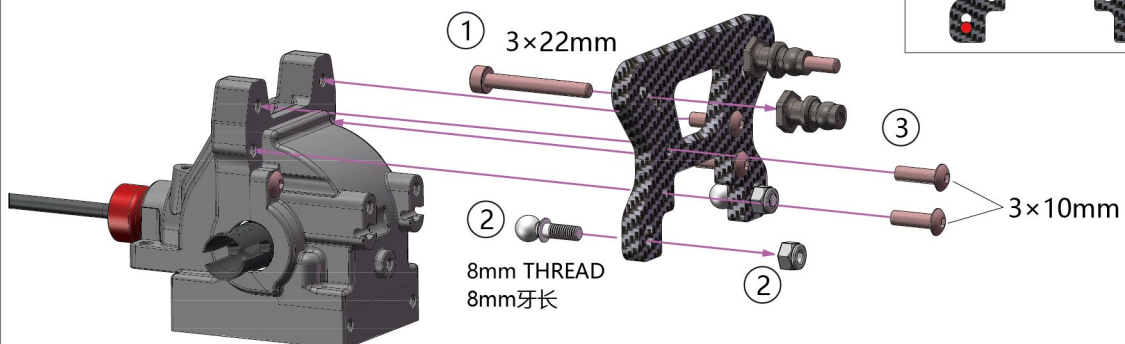
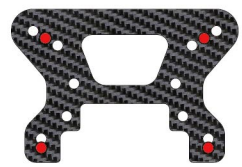
When installing the gear on the axle, make sure the flat spot of the gear sits on the flat spot of the axle.

第④步细节：当安装斜齿轮与中轴时，必须注意两者平位要相互吻合



INITIAL POSITION

初始位置





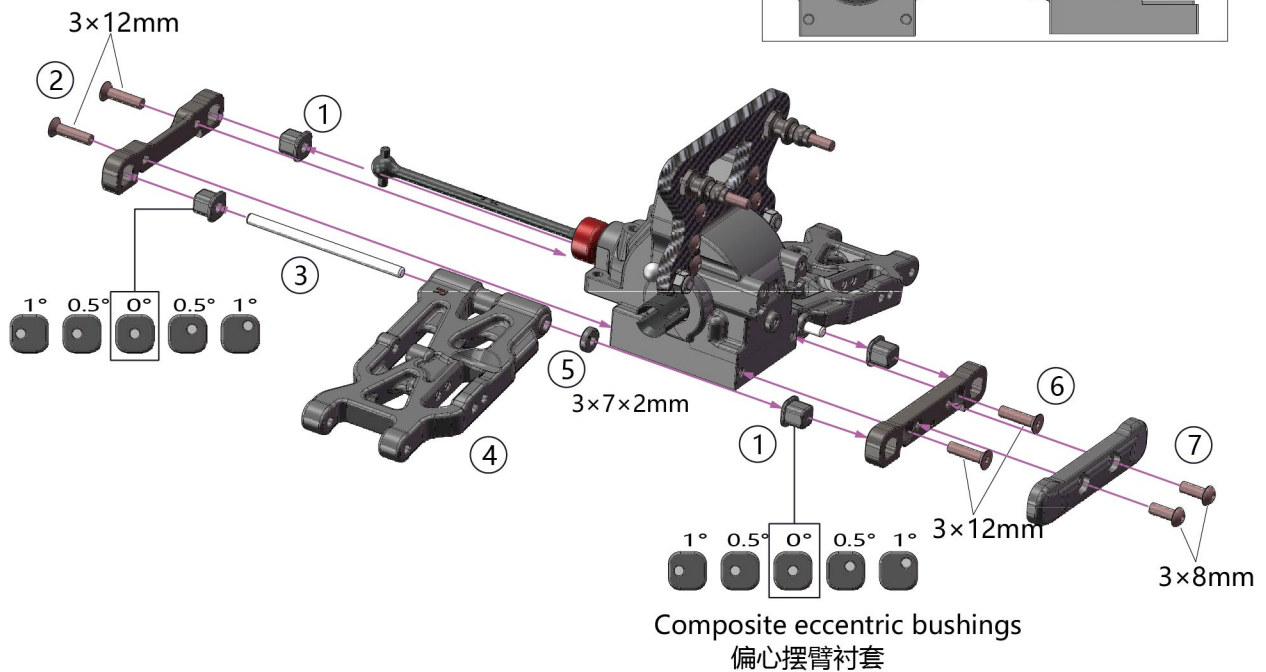
C7124
3x7x2



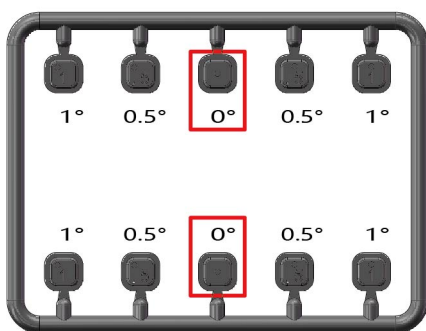
LCSK04
TM M3x10



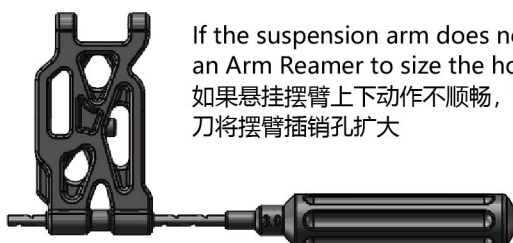
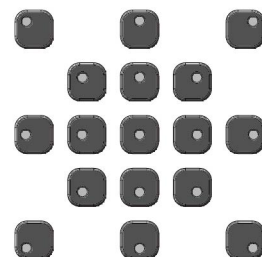
LCSK10
KM M3x12



INITIAL SETTING
初始设置

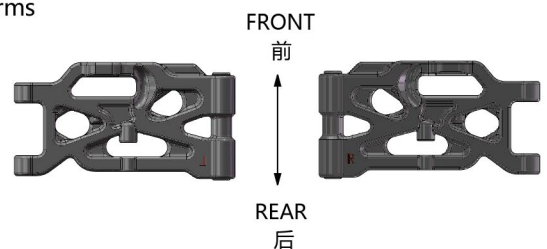


All possible mounting alternatives
of eccentric bushings
多种摆臂衬套选择



If the suspension arm does not move freely use
an Arm Reamer to size the holes of the arms
如果悬挂摆臂上下动作不顺畅, 可用3mm铰
刀将摆臂插销孔扩大

Arm Reamer 3.0mm
3mm铰刀



ECCENTRIC BUSHINGS HAVE TWO DIFFERENT OFFSETS FROM THE CENTER.

衬套有两种不同的偏移量

 Middle position = 0.5° or 0.375mm from center.
中度偏移=距离中心0.5°或者0.375mm

 Outer position = 1° or 0.75mm from center.
最大偏移=距离中心1°或者0.75mm

Alu front lower suspension holders provide great range of adjustment for the front suspension. Using different combinations of eccentric bushings, fine adjustment of front kick-up, roll-center, and front track-width can be obtained.

前悬挂臂码配合偏心衬套能提供很大的调节范围, 分别可对前摆臂的 (KICK-UP 上倾角、 (ROLL CENTER) 滚动中心和 (TRACK-WIDTH) 轮距做出调整

KICK-UP 上倾角

FF	FR	(°)
		=9°
		=8°
		=10°
		=8°
		=7°
		=9°
		=10°
		=9°
		=11°

ROLL CENTER 滚动中心

FF	FR	(mm)
		=+0.75
		=0
		=-0.75

TRACK-WIDTH 轮距

FF	FR	(mm)
		=+1.5
		=0
		=-1.5

The track-width is directly influenced by the width and offset of the wheels used.

轮距宽度除受偏心衬套所调节, 轮毂尺寸会影响轮距

TOTAL CASTER = C-HUB CASTER + KICK UP

总倾角=C座角度+上倾角

	KICK-UP				
C-HUB CASTER	7°	8°	9°	10°	11°
9°	16°	17°	18°	19°	20°

Caster is the angle between the steering pivot axis and the vertical plane. Caster is affected not only by the C-Hub caster, but also by the front kick-up angle relative to the flat chassis bottom. The table indicates how kick up angle effects total caster.

倾角不仅会受C座角度影响, 亦要将上倾角一并计算在内。通常倾角是由侧面看, 向车尾方向倾侧, 亦叫后倾角

The tables describe the amounts of adjustment using the center and outside positions of the eccentric bushings.

此表是综合两个不同度数C座, 再配合吧摆臂衬套做出不同的倾斜角度

The middle position eccentric bushings allow for finer adjustment increments.

中度偏移衬套是做微调作用

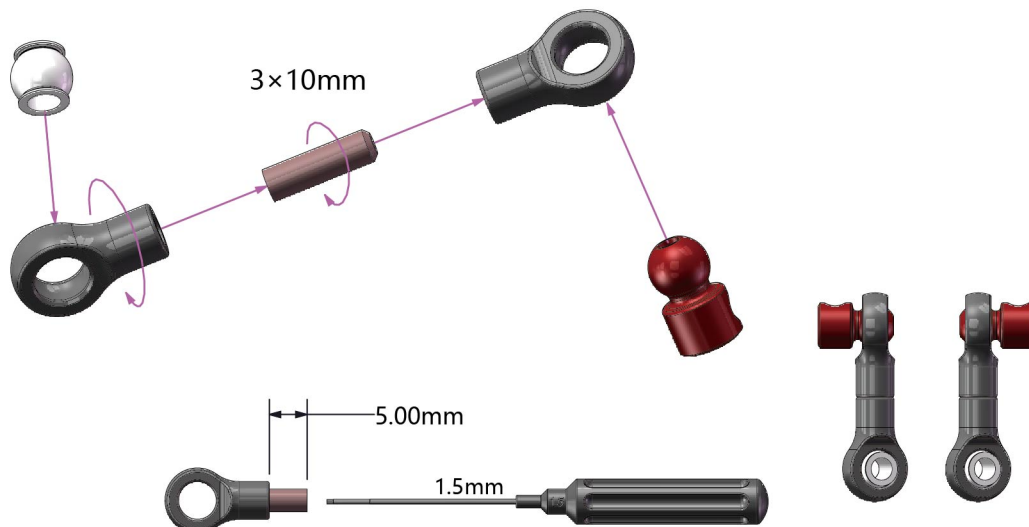
Example:

0(FF) - 0(FR) = 9°			=9°
0.5(FF) - 0(FR) = 9.5°			=9.5°
1(FF) - 0(FR) = 10°			=10°



LCSK15
M3×10

2×



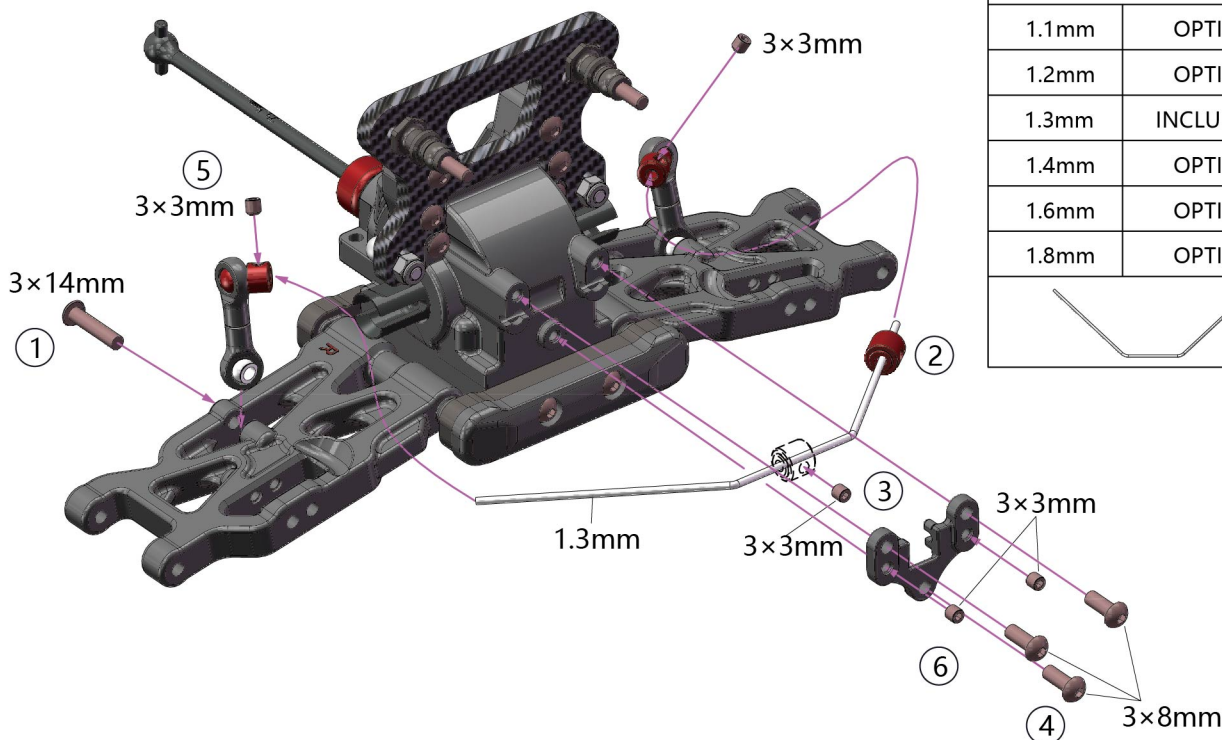
LCSK14
M3×3



LCSK03
TM M3×8



LCSK06
TM M3×14



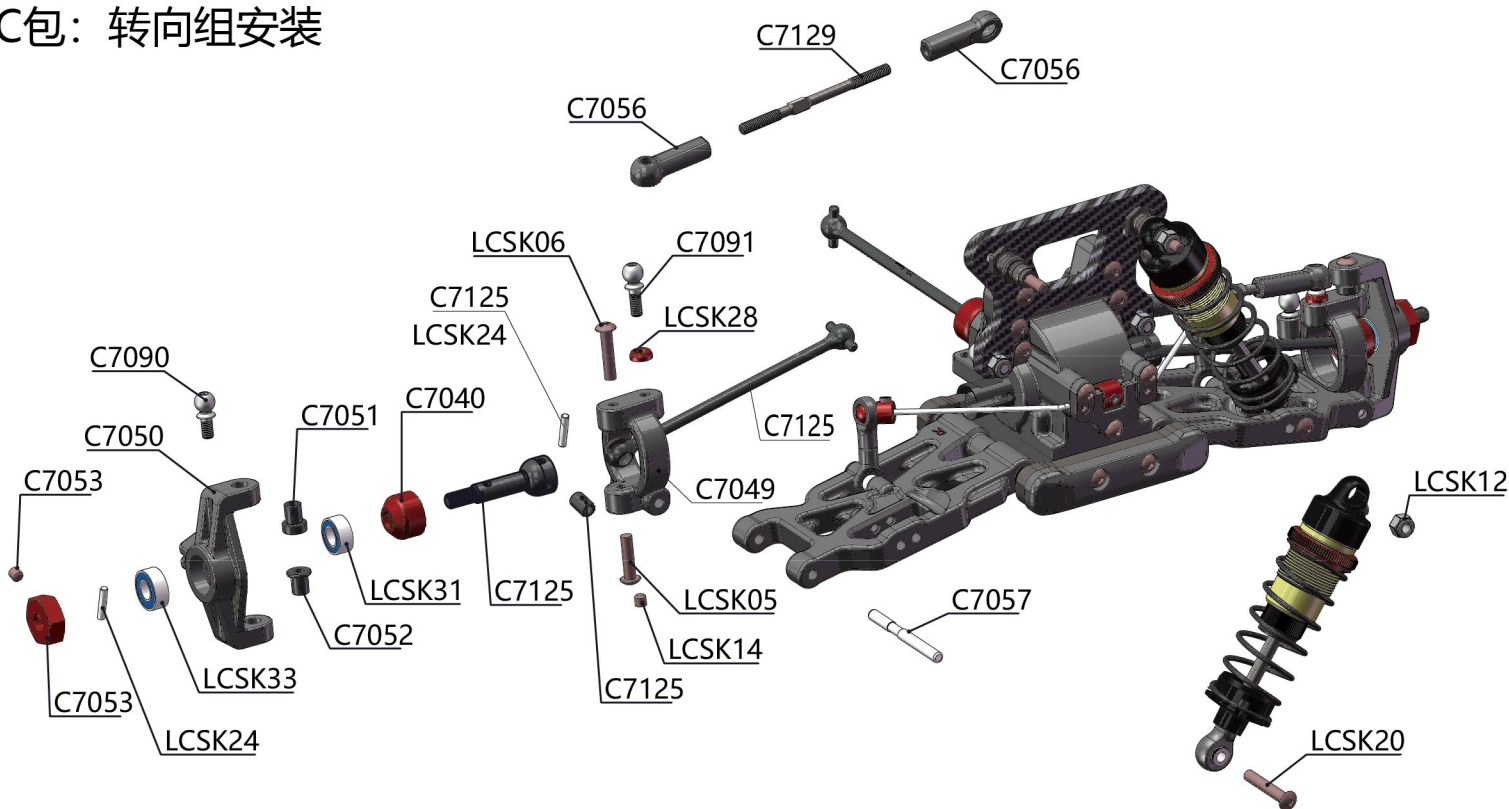
ANTI-ROLL BARS (C7095)
防倾杆

1.1mm	OPTION
1.2mm	OPTION
1.3mm	INCLUDED
1.4mm	OPTION
1.6mm	OPTION
1.8mm	OPTION



BAG C: STEERING BLOCK ASSEMBLY

C包: 转向组安装

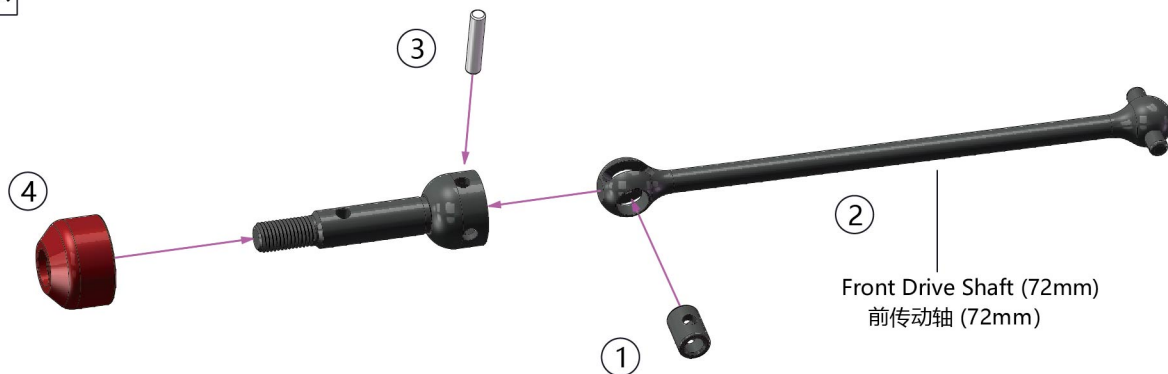


C7040	Drive Shaft Collar Alu(4) 金属传动轴护套	C7129	Steel Turnbuckle M3×47mm(2) 金属连杆M3×47mm
C7049	C-Hub 9°Deg L+R 左右C座9°	LCSK05	Round Head Screw M3×12mm(2.0mm Hex Socket/20pcs) M3×12mm 圆头螺丝
C7050	Steering Block L+R 左右转向杯	LCSK06	Round Head Screw M3×14mm(2.0mm Hex Socket/20pcs) M3×14mm 圆头螺丝
C7051	Steel Bushing-Long(4) 杯士-长	LCSK12	Lock Nut M3(5.5mm nut driver/20pcs) M3防松螺母
C7052	Steel Bushing-Short(4) 杯士-短	LCSK14	Set screw M3×3mm(1.5mm Hex Socket/20pcs) M3×3mm 机米螺丝
C7053	Wheel Hub Hex 12mm Alu(4) 12mm铝合金结合器	LCSK20	Round Head Screw M3×18mm(2.0mm Hex Socket/20pcs) M3×18mm 圆头螺丝
C7056	5.5mm Ball Cap Set(14) 5.5波帽	LCSK24	2×9.8mm Pins(20) 2×9.8mm滚针
C7057	3×32mm Outer Hinge Pin(4) 3×32mm摆臂外轴	LCSK28	3×6×2mm Aluminum Washer(10) (3×6×2mm铝合金垫片)
C7090	Ball Stud 5.5mm With Thread 6mm Φ 5.5球头×6mm	LCSK31	5×10×4mm Rubber Sealed Bearing(10) 5×10×4mm轴承
C7091	Ball Stud 5.5mm With Thread 8mm Φ 5.5球头×8mm	LCSK33	5×11×4mm Rubber Sealed Bearing(10) 5×11×4mm轴承
C7125	Front Drive Shaft Set 2pc V2 72mm 前传动轴2件V2 72mm		



LCSK24
P 2×9.8

2×





LCSK14
M3×3



LCSK24
P 2×9.8

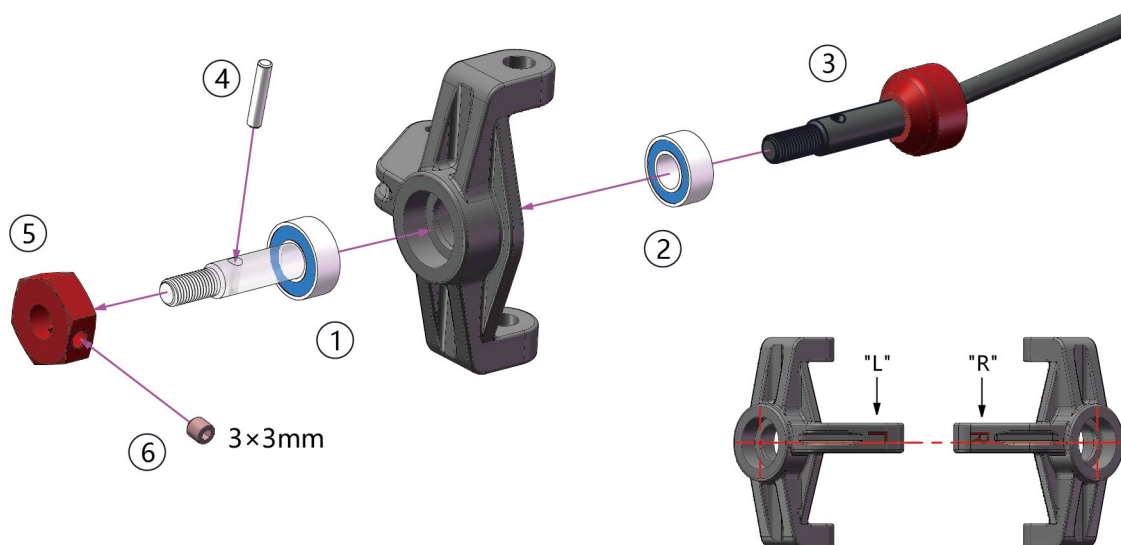


LCSK31
BB 5×10×4



LCSK33
BB 5×11×4

2x



LCSK28
S 3×6×2

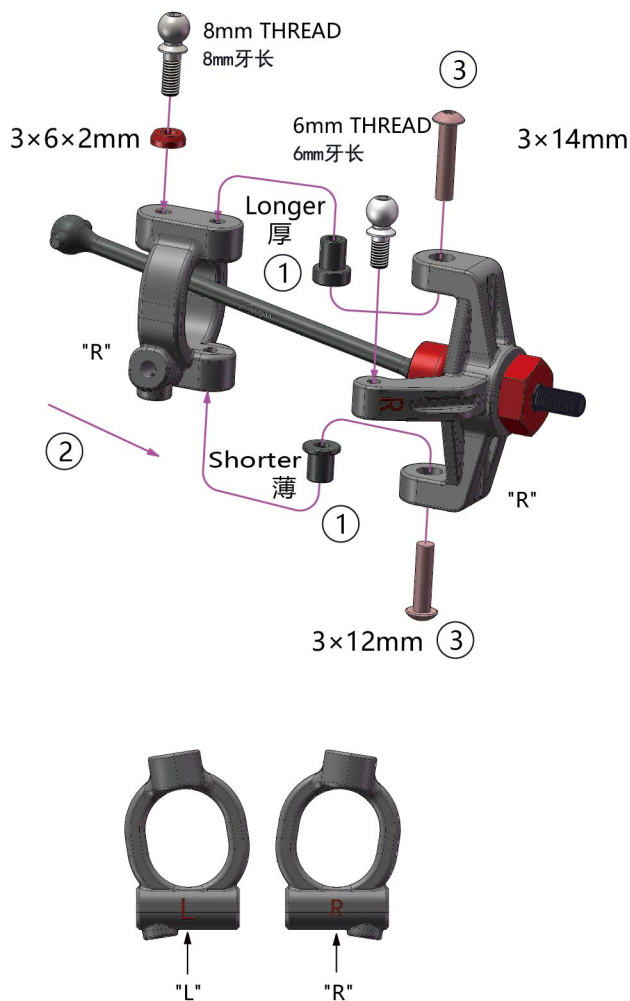


LCSK05
TM M3×12

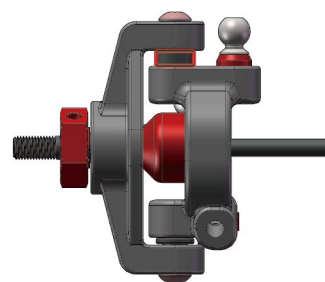


LCSK06
TM M3×14

2x

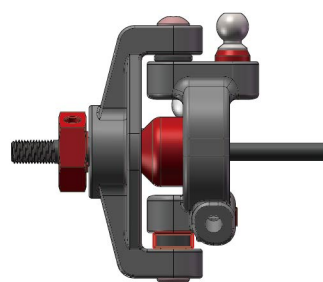


HIGH ROLL CENTER
高滚动中心



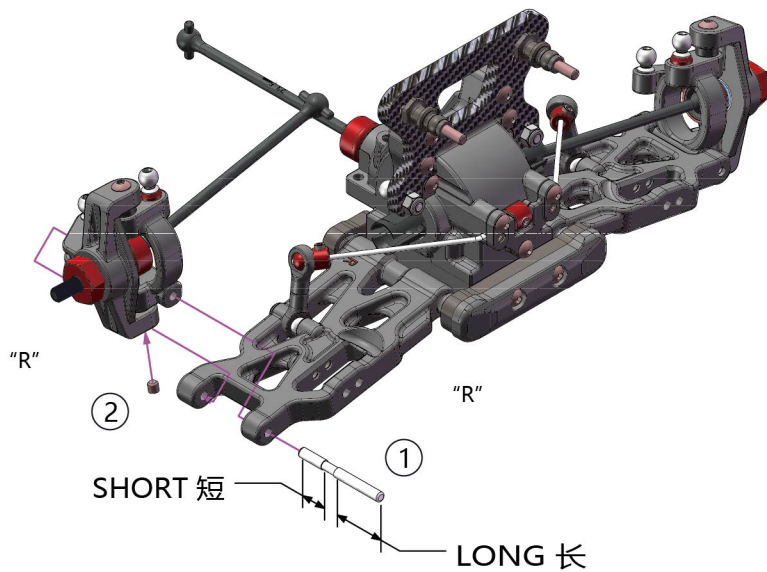
TOP = LONGER bushing & M3x14 screw
上部=用厚杯士配M3×14螺丝
BOTTOM = SHORTER bushing & M3x12 screw
下部=用薄杯士配M3×12螺丝

LOW ROLL CENTER
(低滚动中心)

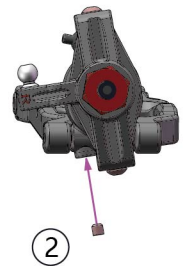


TOP = SHORTER bushing & M3x12 screw
上部=用薄杯士配M3×12螺丝
BOTTOM = LONGER bushing & M3x14 screw
下部=用厚杯士配M3×14螺丝

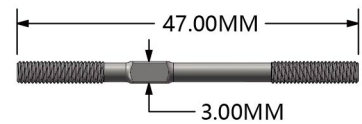
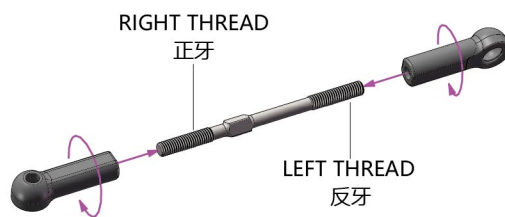
LCSK14
M3×3



STEP ② DETAIL
第②步细节

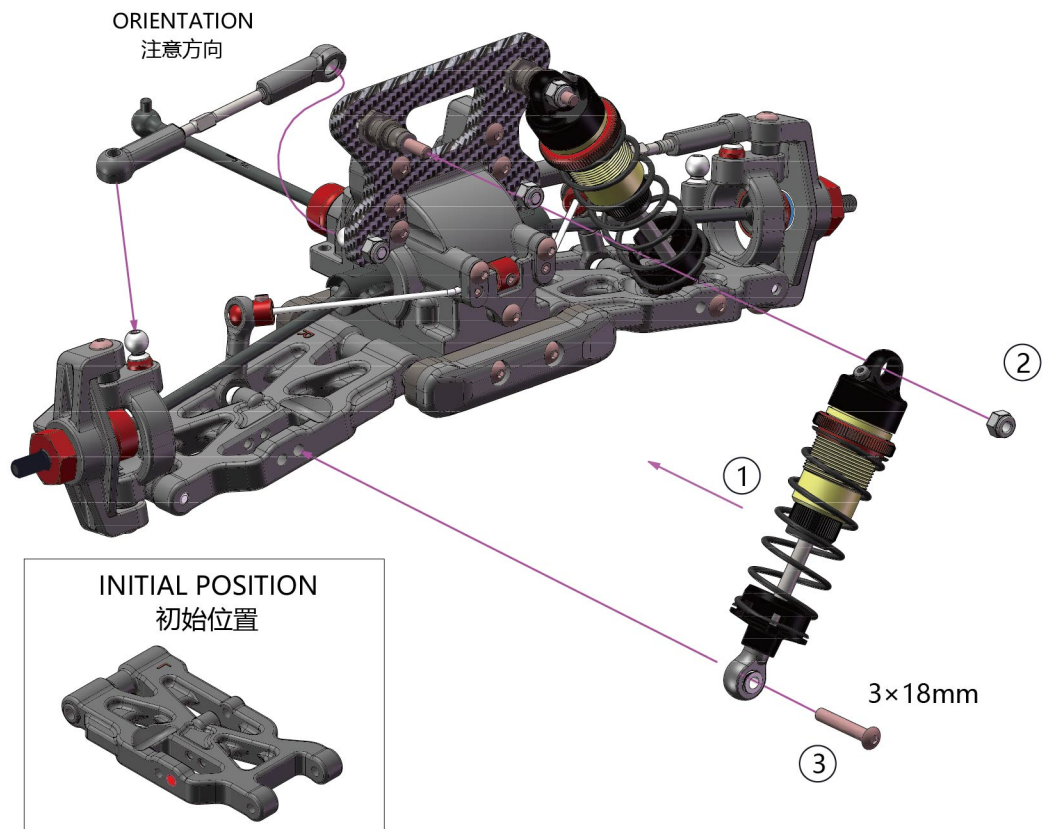


2×



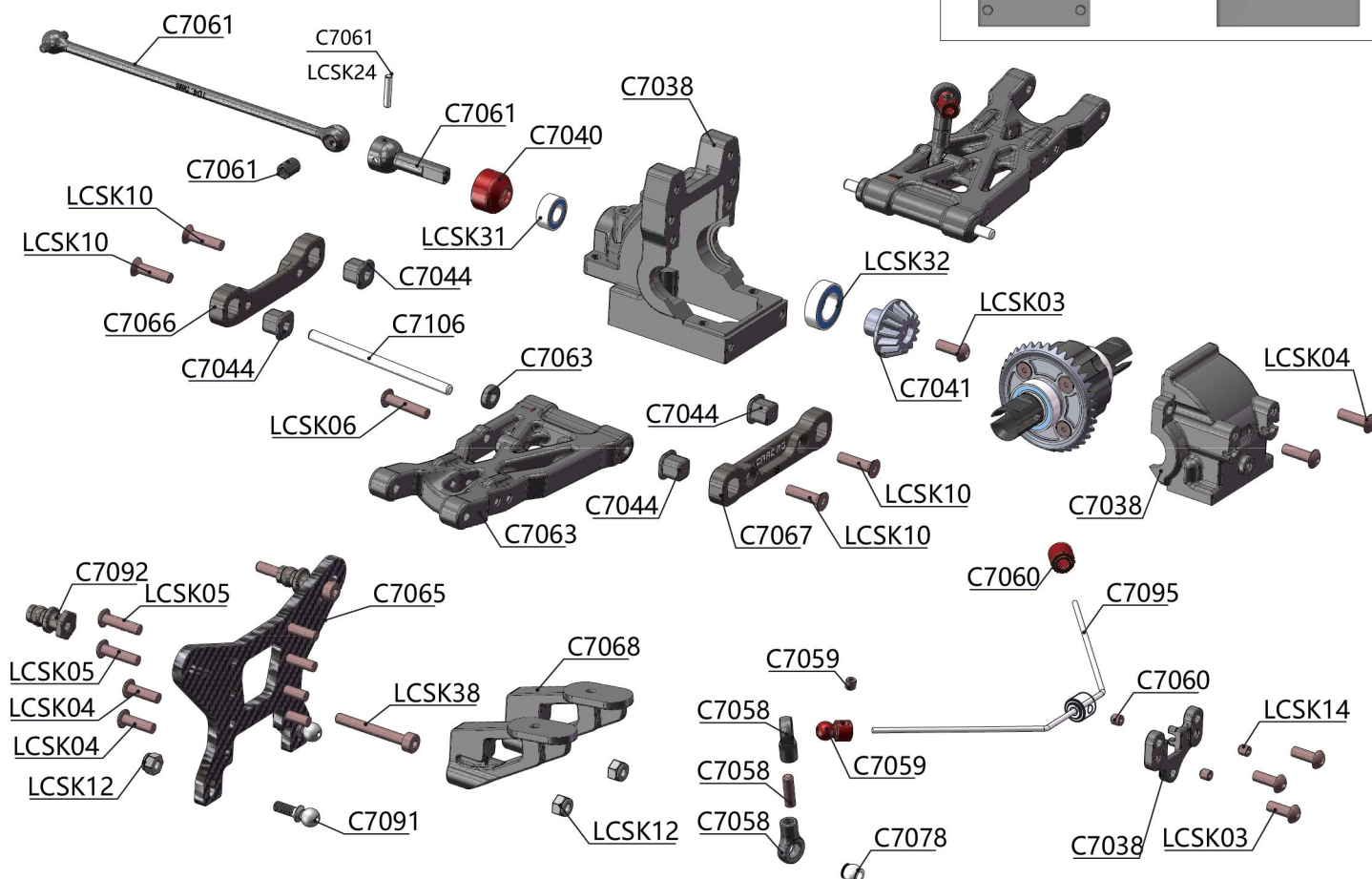
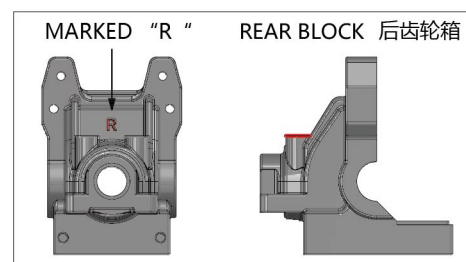
LCSK12
N M3

LCSK20
TM M3×18



BAG D: REAR GEAR BOX ASSEMBLY

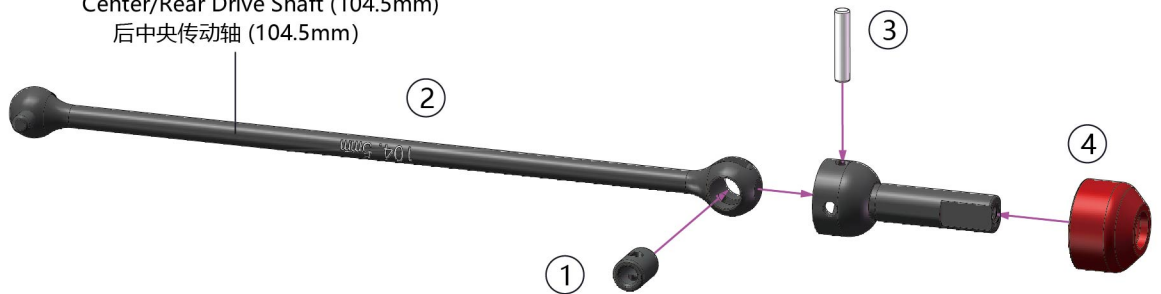
D包：后波箱组安装



C7038	Front+Rear Gearbox Set 前后波箱	C7092	Shock Bushings Alu Hard coated(2) 铝合金避震上球头柱硬阳
C7040	Drive Shaft Collar Alu(4) 金属传动轴护套	C7095	Sway bar Set 防倾杆组
C7041	Steel Bevel Drive Gear 14T 14T金属伞齿	C7106	3×50mm Inner Hinge Pin Hard(2) 3×50mm特材摆臂内轴
C7044	Arm Mount Inserts Set(4) 摆臂轴套(4)	LCKS03	Round Head Screw M3×8mm(2.0mm Hex Socket/20pcs) M3×8mm 圆头螺丝
C7058	5.5mm Ball Cap Open(4) 5.5开式波帽	LCKS04	Round Head Screw M3×10mm(2.0mm Hex Socket/20pcs) M3×10mm 圆头螺丝
C7059	5.5mm Ball End Alu(4) 5.5铝合金球头	LCKS05	Round Head Screw M3×12mm(2.0mm Hex Socket/20pcs) M3×12mm 圆头螺丝
C7060	Stop Collar Alu(4) 铝合金锁止轴套	LCKS06	Round Head Screw M3×14mm(2.0mm Hex Socket/20pcs) M3×14mm 圆头螺丝
C7061	Center/Rear Drive Shaft 中后传动轴	LCKS10	Countersunk Screw M3×12mm(2.0mm Hex Socket/20pcs) M3×12mm 沉头螺丝
C7063	Rear Suspension Arm(2) 后摆臂	LCKS12	Lock Nut M3(5.5mm nut driver/20pcs) M3防松螺母
C7065	Rear Carbon Fiber Shock Tower 3.0mm 后碳纤维避震板3.0mm	LCKS14	Set screw M3×3mm(1.5mm Hex Socket/20pcs) M3×3mm 机米螺丝
C7066	Arm Mount RF 7075-T6 Alu RF 7075-T6铝合金臂码	LCKS24	2×9.8mm Pins(20) 2×9.8mm滚针
C7067	Arm Mount RR 7075-T6 Alu RR 7075-T6铝合金臂码	LCKS31	5×10×4mm Rubber Sealed Bearing(10) 5×10×4mm轴承
C7068	Wing Mount+Body Mount Set 尾翼架、车壳柱	LCKS32	8×14×4mm Rubber Sealed Bearing(10) 8×14×4mm轴承
C7078	Pivot Ball Ø5.5(4) Ø5.5球头	LCKS38	Socket Head Screw M3×22mm (2.5mm Hex Socket/10pcs) M3×22mm 杯头螺丝
C7091	Ball Stud 5.5mm With Thread 8mm 5.5球头×8mm		

LCSK24
P 2×9.8

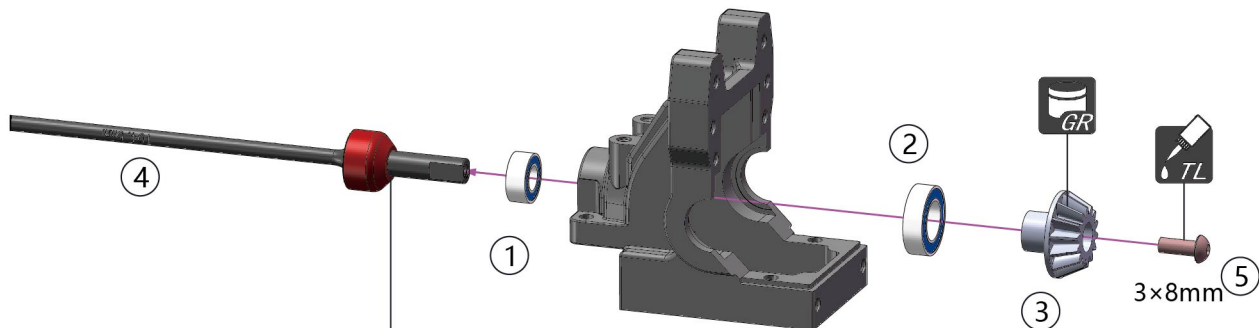
Center/Rear Drive Shaft (104.5mm)
后中央传动轴 (104.5mm)



LCSK03
TM M3×8

LCSK31
BB 5×10×4

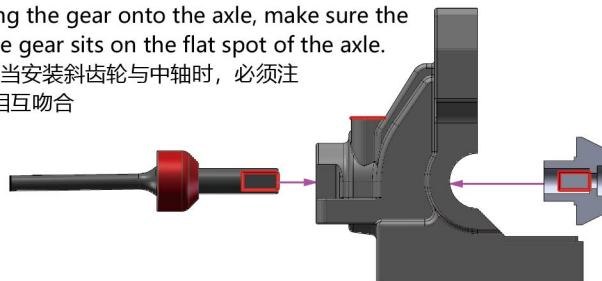
LCSK32
BB 8×14×4



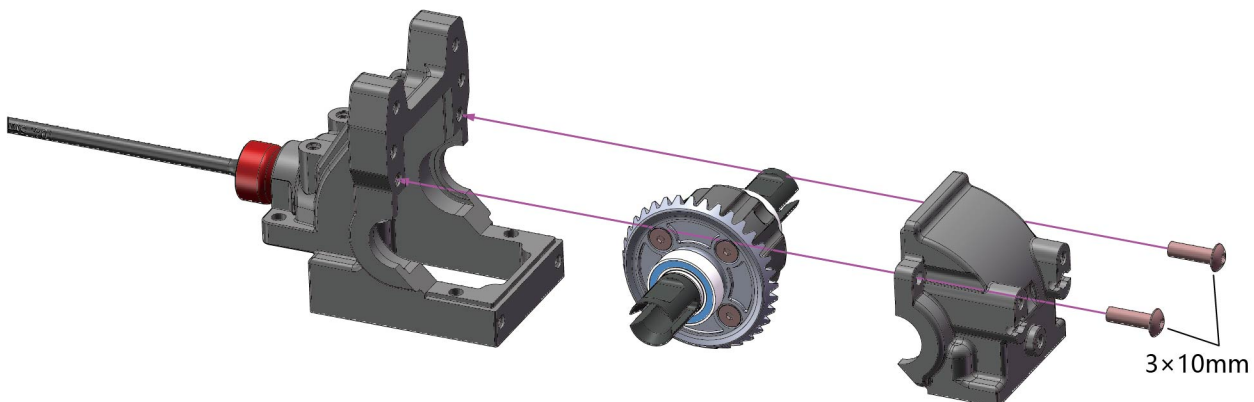
STEP ④ DETAIL

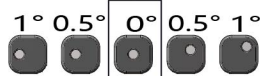
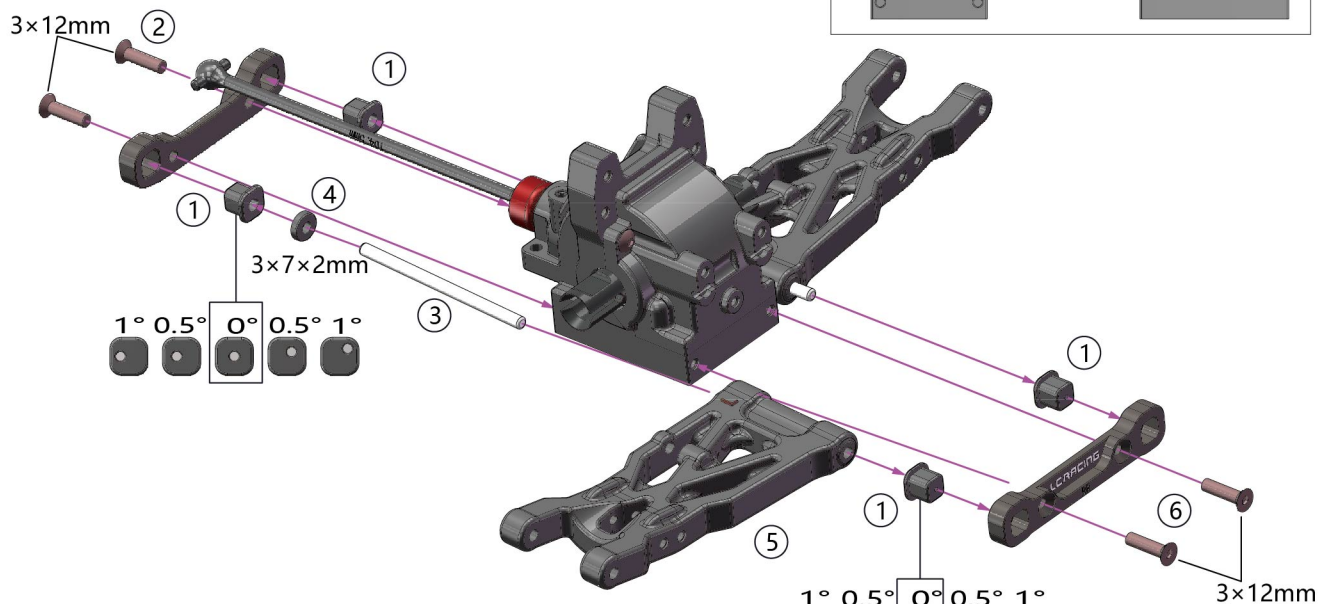
When installing the gear onto the axle, make sure the flat spot of the gear sits on the flat spot of the axle.

第④步细节：当安装斜齿轮与中轴时，必须注意两者平位要相互吻合

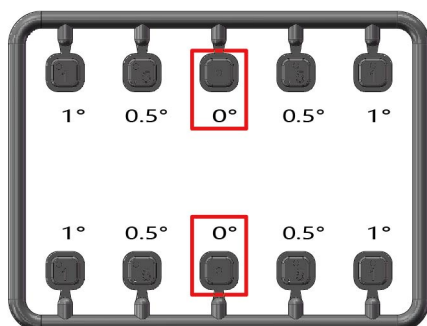


LCSK04
TM M3×10



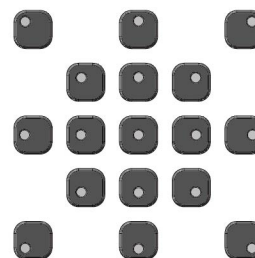


INITIAL SETTING
初始设置



Composite eccentric bushings
偏心摆臂衬套

All possible mounting alternatives
of eccentric bushings
多种摆臂衬套选择



If the suspension arm does not move
freely use an Arm Reamer to size the
holes of the arms
如果悬挂摆臂上下动作不顺畅, 可用
3mm铰刀将摆臂插销孔扩大

Arm Reamer 3.0mm
3mm铰刀



ECCENTRIC BUSHINGS HAVE TWO DIFFERENT OFFSETS FROM THE CENTER.
(衬套有两种不同的偏移量)

  Middle position = 0.5° or 0.375mm from center.
(中度偏移=距离中心0.5°或者0.375mm)

  Outer position = 1° or 0.75mm from center.
(最大偏移=距离中心1°或者0.75mm)

Rear alu lower suspension holders provide great range of adjustment for the rear suspension. Using different combinations of eccentric bushings, fine adjustment of rear anti-squat, rear toe-in, rear roll center, and rear track-width can be obtained.

(后悬挂臂码配合偏心衬套能提供很大的调节范围, 分别可对后摆臂的 (ANTI-SQUAT) 防止下蹲、(ROLL CENTER) 滚动中心、(TRACK-WIDTH) 轮距和 (TOE-IN) 束角做出调整)

ANTI-SQUAT (防下蹲)		
RR	RF	(°)
		=2°
		=3°
		=1°
		=3°
		=2°
		=4°
		=1°
		=2°
		=0°

ROLL CENTER (滚动中心)		
RR	RF	(mm)
		=+0.75
		=0
		=-0.75

TRACK-WIDTH (轮距)		
RR	RF	(mm)
		=+1.5
		=0
		=-1.5

The track-width is directly influenced by the size of the wheels and tires used.
(轮距宽度除受偏心衬套所调节, 车轮和车胎尺寸亦会影响轮距)

TOE-IN (束角)		
RR	RF	(°)
		=3°
		=4°
		=2°
		=2°
		=3°
		=1°
		=4°
		=5°
		=3°

The tables describe the amounts of adjustment using the center and outside positions of the eccentric bushings.
(表格描述了使用中心衬套到最大偏心衬套所有调整量)

The middle position eccentric bushings allow for finer adjustment increments.
(中度偏心衬套是做微调作用)

Example:

$$0(RR) - 0(RF) = 2^\circ$$

$$\text{Diagram showing RR and RF bushings with 2° offset} = 2^\circ$$

$$0(RR) - 0.5(RF) = 2.5^\circ$$

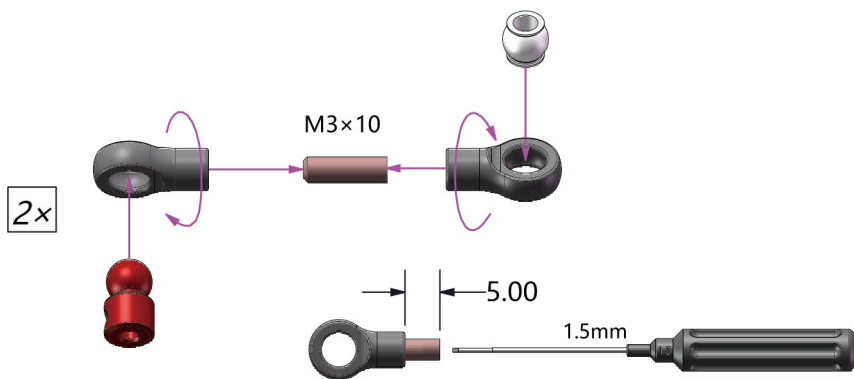
$$\text{Diagram showing RR and RF bushings with 2.5° offset} = 2.5^\circ$$

$$0(RR) - 1(RF) = 3^\circ$$

$$\text{Diagram showing RR and RF bushings with 3° offset} = 3^\circ$$



LCSK15
M3x10



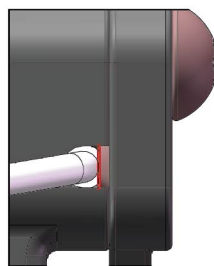
LCSK14
M3x3



LCSK03
TM M3x8



LCSK06
TM M3x14



STEP ③

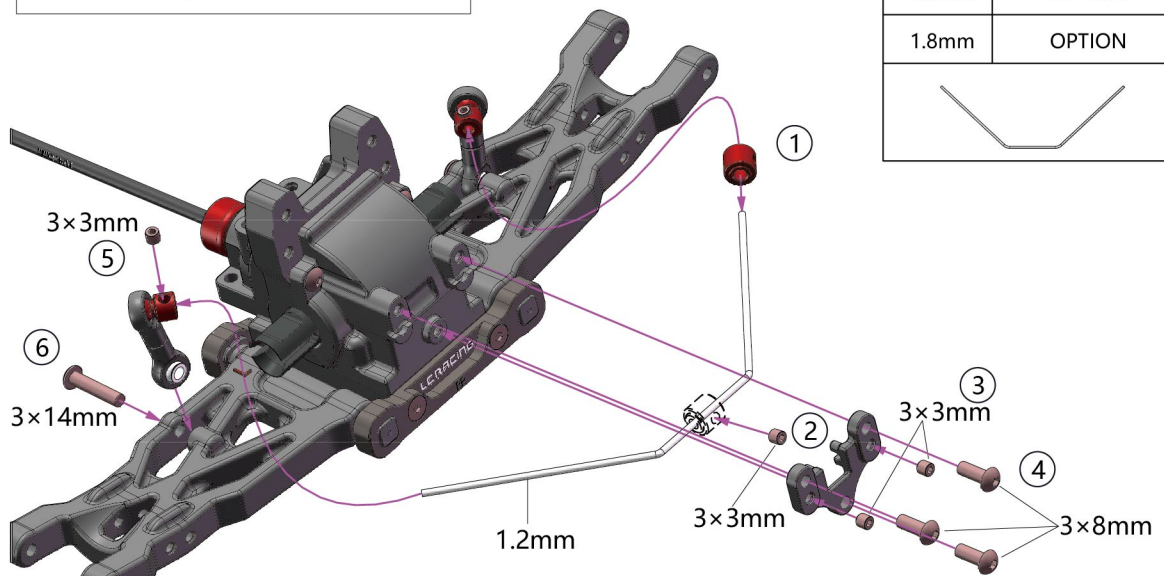
Loosen the M3x3 setscrew if the anti-roll bar does not turn freely.
(第③步: M3x3机米螺丝拧到刚好紧贴防倾杆)



STEP ⑤ DETAIL
(第⑤步细节)

ANTI-ROLL BARS (C7095)

1.1mm	OPTION
1.2mm	INCLUDED
1.3mm	OPTION
1.4mm	OPTION
1.6mm	OPTION
1.8mm	OPTION



LCSK12
N M3



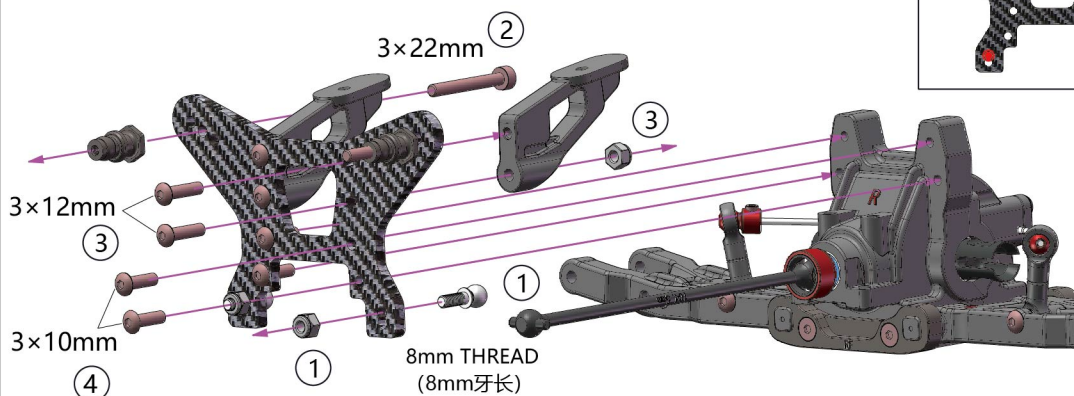
LCSK04
TM M3x10



LCSK05
TM M3x12

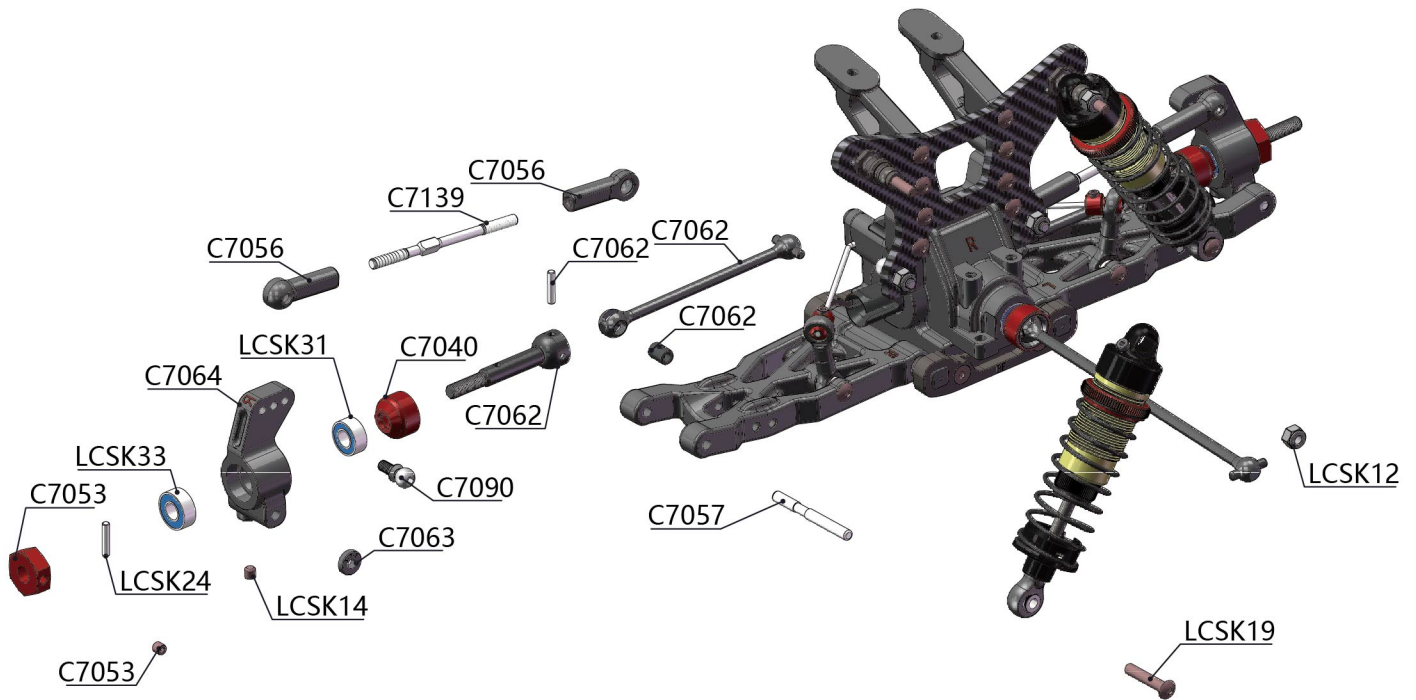


LCSK38
CM M3x22



INITIAL POSITION (初始位置)

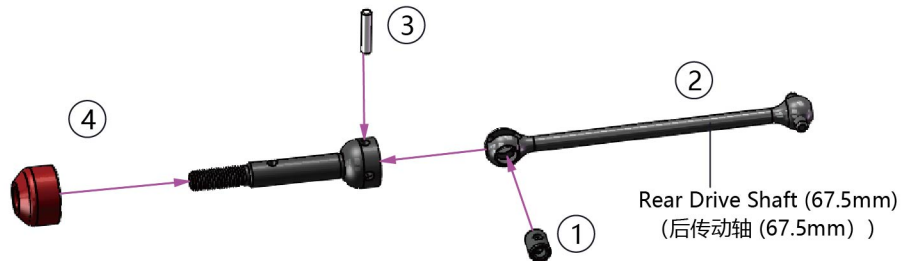




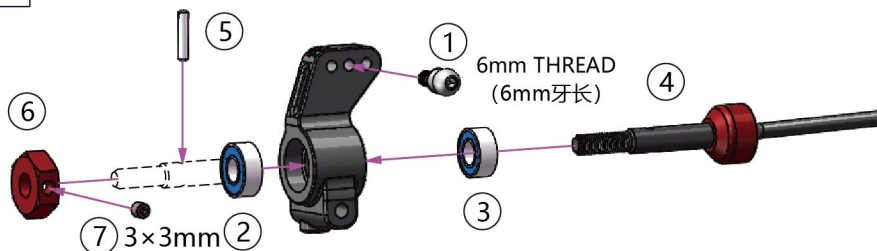
C7040	Drive Shaft Collar Alu(4) (金属传动轴护套)	C7139	Steel Turnbuckle V2 M3×50mm(2) 金属连杆V2 M3×50mm
C7053	wheel Hub Hex 12mm Alu(4) (12mm铝合金结合器)	LCSK12	Lock Nut M3(5.5mm nut driver/20pcs) M3防松螺母
C7056	5.5mm Ball Joint Set(14) (5.5波帽)	LCSK14	Set screw M3×3mm(1.5mm Hex Socket/20pcs) (M3×3mm机米螺丝)
C7057	3×32mm Outer Hinge Pin(4) (3×32mm摆臂外轴)	LCSK19	Round Head Screw M3×16mm(2.0mm Hex Socket/20pcs) (M3×16mm 圆头螺丝)
C7062	Rear Drive Shaft(2) 后传动轴(2)	LCSK24	2×9.8mm Pins(20) (2×9.8mm滚针)
C7063	Rear Suspension Arm(2) (后摆臂)	LCSK31	5×10×4mm Rubber Sealed Bearing(10) (5×10×4mm轴承)
C7064	Rear Hubs L&R(2) (左右后轮座)	LCSK33	5×11×4mm Rubber Sealed Bearing(10) (5×11×4mm轴承)
C7090	Rod End Ball 5.5mm With Thread 6mm (S 5.5球头×L6mm)		



2x



2x



LC10B5★V2

1/10 4WD ELECTRIC RACING BUGGY

1/10 SCALE KIT

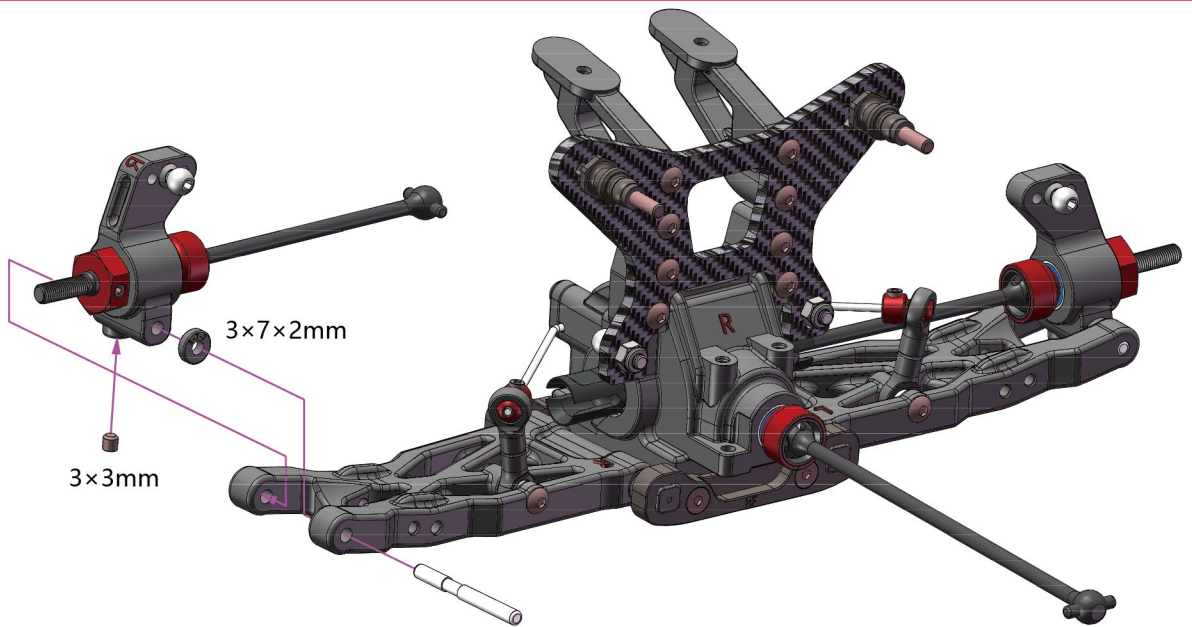
LCRACING
RADIO CONTROLLED BUGGIES



LCSK14
M3×3



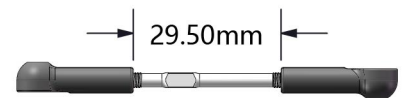
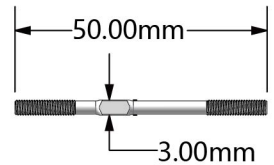
C7063
S 3×7×2



2×

RIGHT THREAD
(正牙)

LEFT THREAD
(反牙)

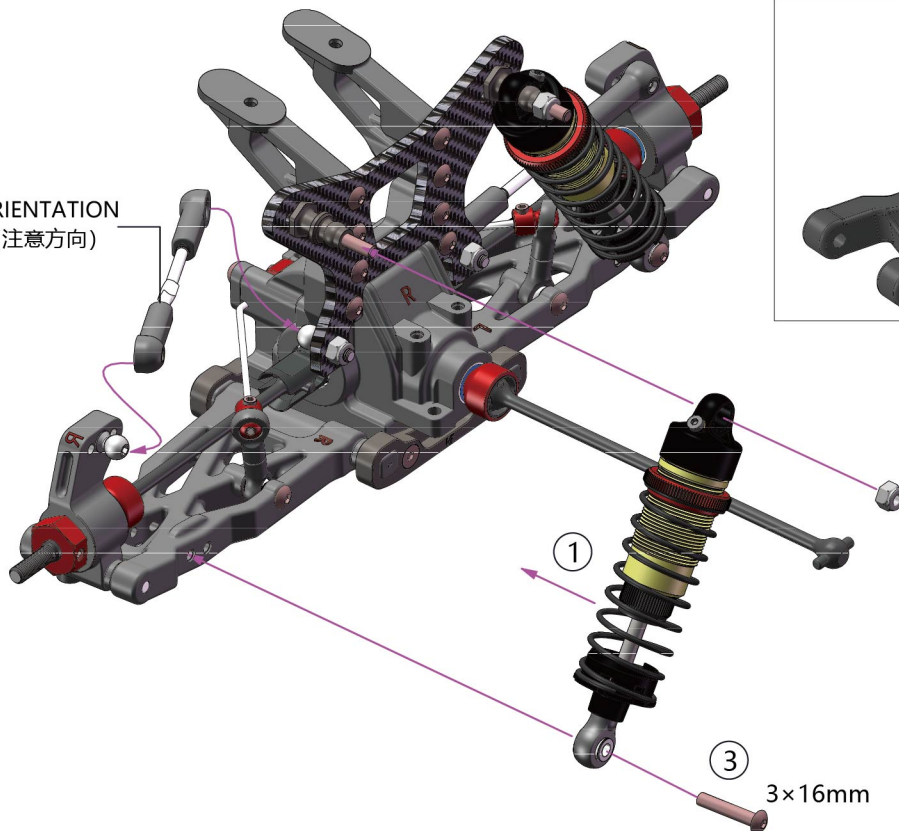


LCSK12
N M3



LCSK19
TM M3×16

ORIENTATION
(注意方向)

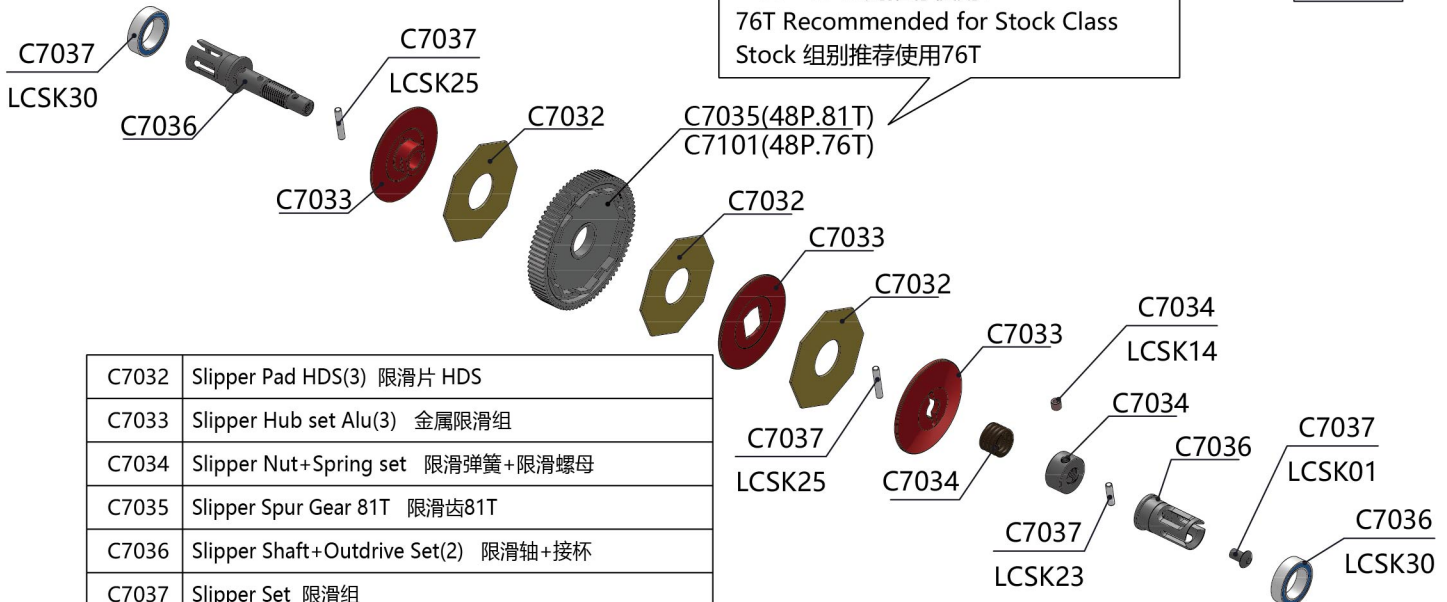


INITIAL POSITION
(初始位置)



BAG E: SLIPPER CLUTCH ASSEMBLY

E包：限滑组安装

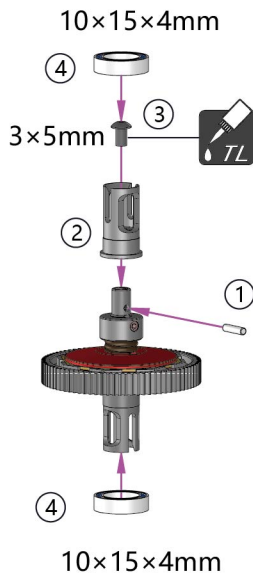
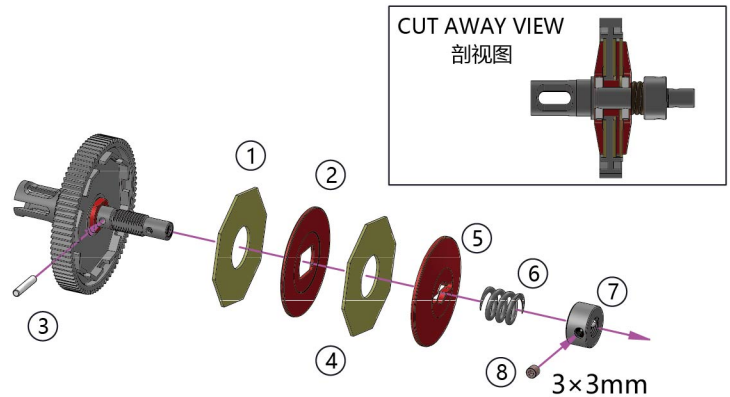
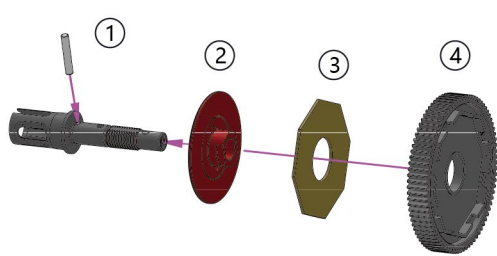


81T Recommended for Modified Class
Modified 组别推荐使用81T
76T Recommended for Stock Class
Stock 组别推荐使用76T

C7037

C7032	Slipper Pad HDS(3) 限滑片 HDS
C7033	Slipper Hub set Alu(3) 金属限滑组
C7034	Slipper Nut+Spring set 限滑弹簧+限滑螺母
C7035	Slipper Spur Gear 81T 限滑齿81T
C7036	Slipper Shaft+Outdrive Set(2) 限滑轴+接杯
C7037	Slipper Set 限滑组
C7101	Slipper Spur Gear 48P 76T 限滑齿76T
LCSK01	Round Head Screw M3X5mm (2.0mm Hex Socket/40pcs) M3×5mm 圆头螺丝
LCSK14	Set screw M3X3mm(1.5mm Hex Socket/40pcs) M3×3mm 机米螺丝

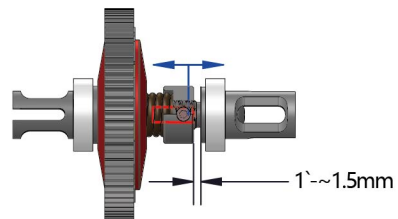
LCSK25	2×11.6mm Pins(20) 2×11.6mm滚针
LCSK23	2×8mm Pins(20) 2×8mm滚针
LCSK30	10×15×4mm Rubber Sealed Bearing(10) 10×15×4mm轴承



VERY IMPORTANT!

It is very important that you NEVER FULLY TIGHTEN the Slipper Clutch. Overtightening the Slipper Clutch may result in breakage of the diff crown gear and pinion gear.

重要事项：不要完全拧紧限滑器，否则会导致车架着地所造成的冲击力损坏大齿轮 (C7035)



SLIPPER ADJUSTMENT:

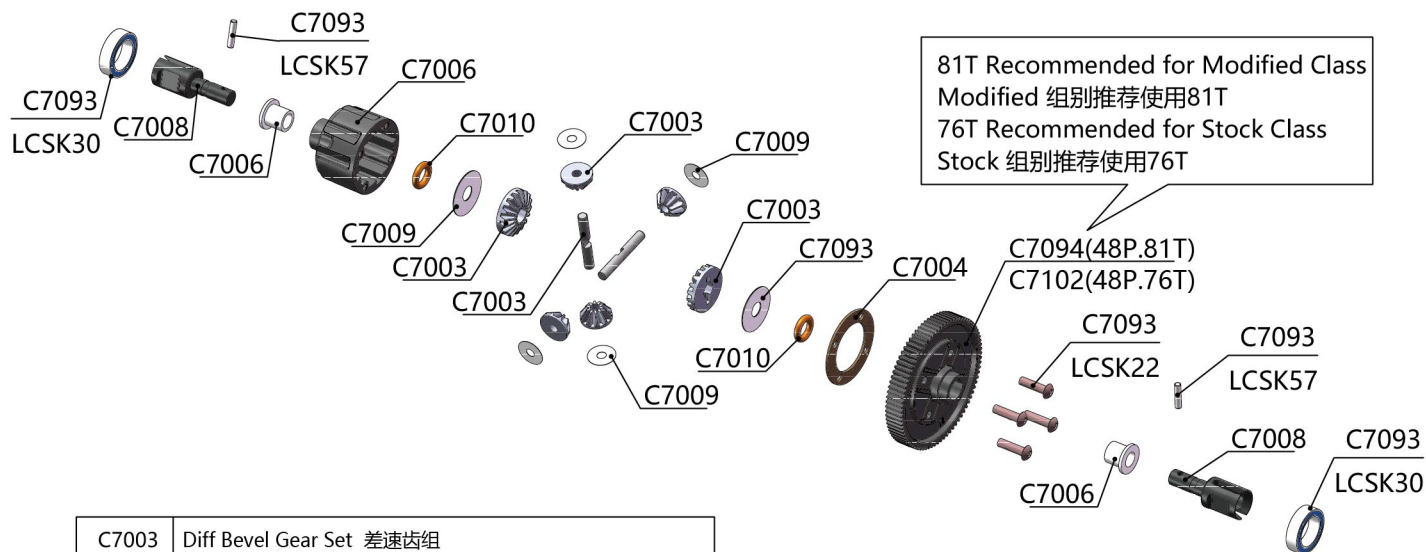
The Slipper Clutch is easily adjusted by loosening the set-screw in the bushing and retightening it after adjustment. The more the spring is tightened (bushing moved more inwards), the more the Slipper Clutch is tightened.

调校限滑器：限滑器通过调整螺母 (C7034) 很容易调整其滑动量，越往大齿轮 (C7035) 方向调整越紧

BAG E: CENTER DIFFERENTIAL ASSEMBLY

E包：中央差速器安装

C7093



C7003	Diff Bevel Gear Set 差速齿组		
C7004	Diff Gasket(4) 差速油封		
C7006	Gear Differential Case 差速壳	C7094	Center Differential Spur Gear 81T 中差大齿81T
C7008	Gear Diff Outdrive Light Weight (2) 轻量化差速器驱动杯	C7102	Center Differential Spur Gear 48p 76T 中差大齿76T
C7009	Diff Washer 3x9x0.1(10)/5x15x0.3(10) 差速齿垫片	LCSK17	Round Head Screw M2.6X10mm(2.0mm Hex Socket/20pcs) M2.6×10mm 圆头螺丝
C7010	Diff O-Ring Red 5x2(10) 差速器O圈5x2	LCSK30	10×15×4mm Rubber Sealed Bearing(10) 10×15×4mm轴承
C7093	Center Differential Set 中差组	LCSK57	2×9mm Pins(20) 2×9mm滚针



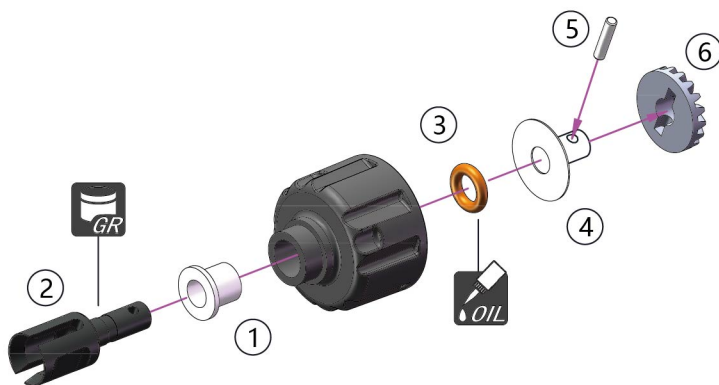
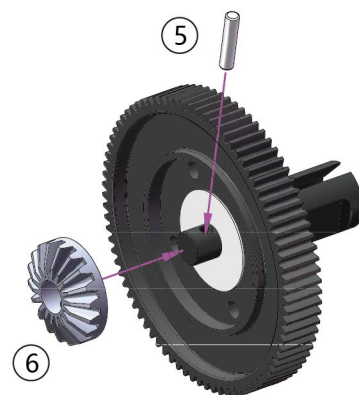
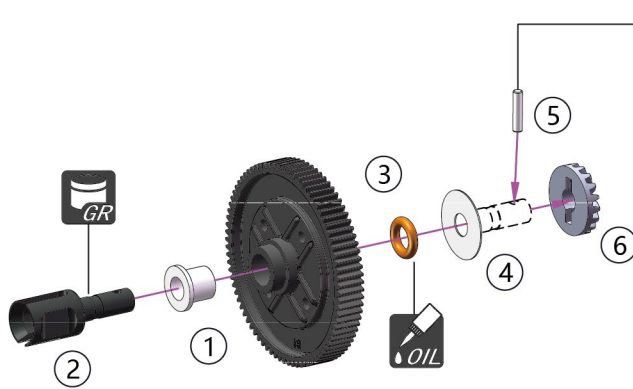
C7009
S 5×15×0.3



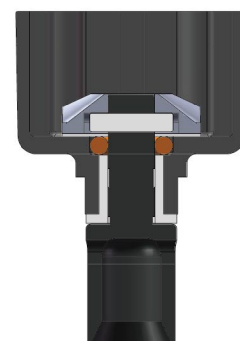
C7010
O 5×2



LCSK57
P 2×9

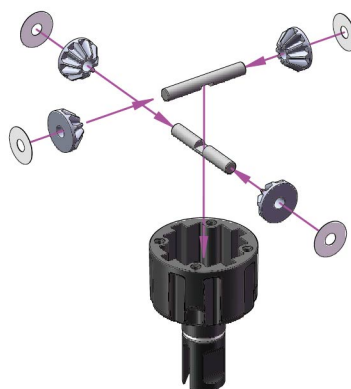


CUT AWAY VIEW 剖视图





C7009
S 3×9×0.1



PROPER AMOUNT OF OIL IN THE DIFFS

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.

灌注适当的差速油：差速器运作时，差速器内的差速油会产生热量而膨胀，油的体积增大，所以不要注满差速油

CENTER DIFF

Silicone oil 200K cSt

Fill just above the cross-pins.

中央齿轮差速器：硅油200K cSt，填充到正好盖过十字轴



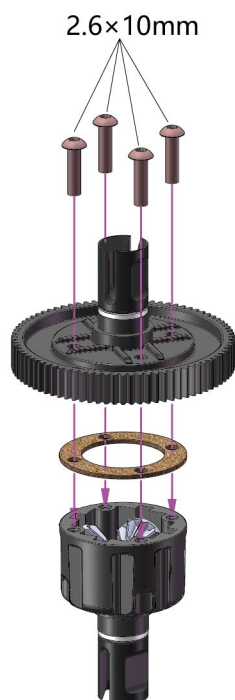
Fill differential up to the top of the diff cross-pins. DO NOT fill the diff to the top of the housing. 灌注差速油的量，以图示为准



LCSK22
TM 2.6×10

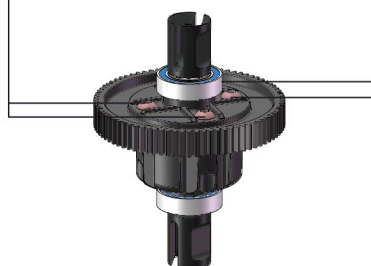


LCSK30
BB 10×15×4



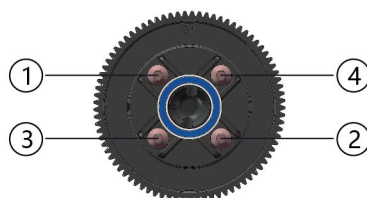
Tighten the screws equally but do NOT tighten them completely.

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



10×15×4mm



10×15×4mm

Exploded view diagram of a mechanical assembly. The components are labeled with part numbers:

- C7068
- LCSK04
- C7071
- LCSK29
- LCSK08
- LCSK29
- C7108
- C7090
- C7090
- C7129
- C7129
- C7056
- LCSK34
- C7074
- C7052
- C7069
- LCSK04
- C7056
- C7138
- C7090
- LCSK28
- C7069
- C7070
- C7070
- C7070
- C7070
- LCSK34
- LCSK34
- C7072
- C7072
- LCSK08
- LCSK08
- LCSK04

C7052
C7056
C7068
C7069
C7070
C7071
C7072
C7074
C7090
C7108
C7122
C7129
C7138
LCSK02
LCSK03
LCSK04



C7052	Steel Bushing-Short(4) 杯士-短
C7056	5.5mm Ball Cap Set(14) 5.5波帽
C7068	Wing Mount+Body Mount Set 尾翼架+车壳柱
C7069	Servo Saver,Steering Plate,Servo Arm,Servo Mount Center Bulkhead cover(10) 舵机保护,转向板,舵机臂,舵机座,中差轴承压块
C7070	Servo Saver Spring&Adjustable Nut 舵机保护弹簧&压环
C7071	Front Carbon Fiber Steering Upper Deck 2.0mm 碳纤维转向二楼板
C7072	Steering Posts(2) 转向柱
C7074	Servo Saver Pipe 舵机保护调节柱
C7090	Ball Stud 5.5mm With Thread 6mm ϕ 5.5球头×6mm
C7108	Steering Rack,7075-T6 Aluminum 转向连杆-金属 (7075-T6)
C7122	Floating Servo Mount V2 悬浮舵机座V2
C7129	Steel Turnbuckle M3×47mm(2) 金属连杆M3×47mm
C7138	Steel Turnbuckle V2 M3×42mm(1) 金属连杆V2 M3×42mm
LCSK02	Round Head Screw M3×6mm(2.0mm Hex Socket/20pcs) M3×6mm 圆头螺丝
LCSK03	Round Head Screw M3X8mm (2.0mm Hex Socket/20pcs) M3×8mm 圆头螺丝
LCSK04	Round Head Screw M3X10mm (2.0mm Hex Socket/20pcs) M3×10mm 圆头螺丝
LCSK07	Countersunk Screw M3×6mm(2.0mm Hex Socket/20pcs) M3×6mm 沉头螺丝
LCSK08	Countersunk Screw M3×8mm(2.0mm Hex Socket/20pcs) (M3×8mm 沉头螺丝)
LCSK26	3×7×0.5mm Stainless Steel Washer(20) 3×7×0.5mm不锈钢垫片
LCSK28	3×6×2mm Aluminum Washer(10) 3×6×2mm铝合金垫片
LCSK29	3×6×3mm Aluminum Washer(10) 3×6×3mm铝合金垫片
LCSK34	5×8×2.5mm Rubber Sealed Bearing(10) 5×8×2.5mm轴承



LC SK28
S 3×6×2



C7070
O 10×1.5



LC SK04
TM M3×10



LC SK34
BB 5×8×2.5



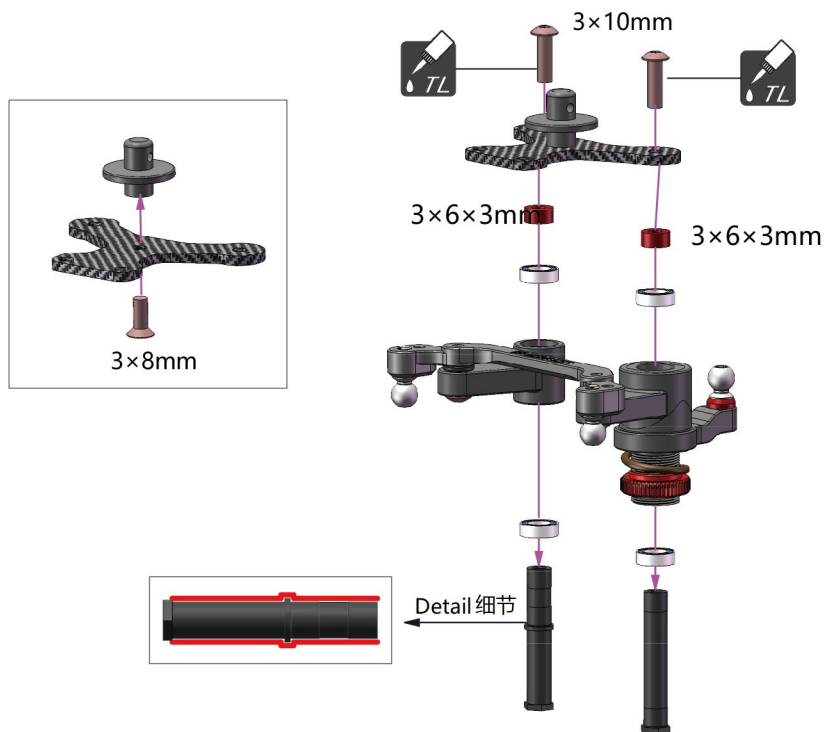
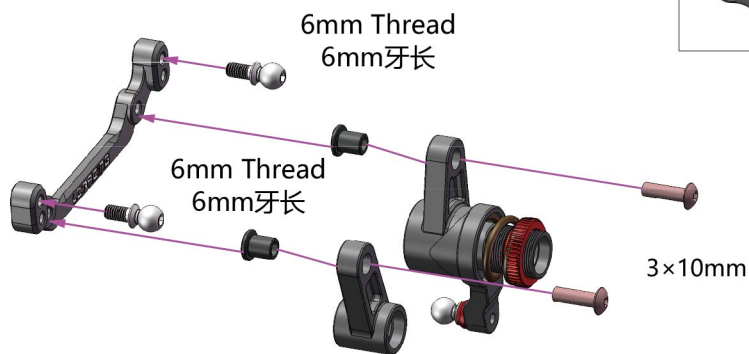
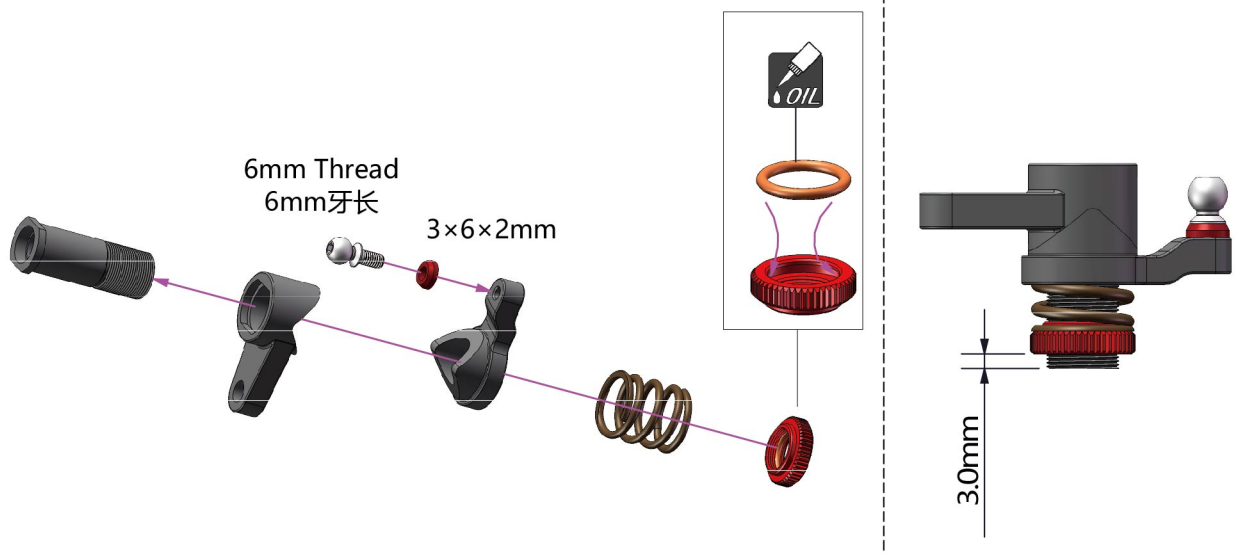
LC SK29
S 3×6×3



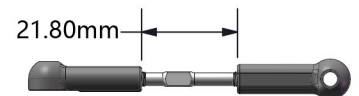
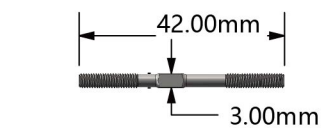
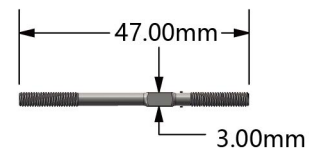
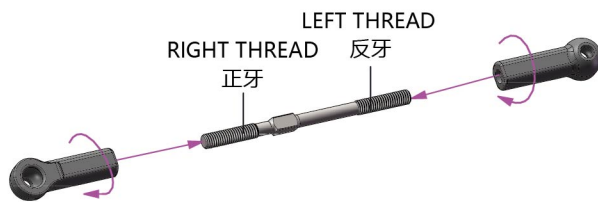
LC SK08
KM M3×8



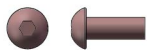
LC SK04
TM M3×10



2x



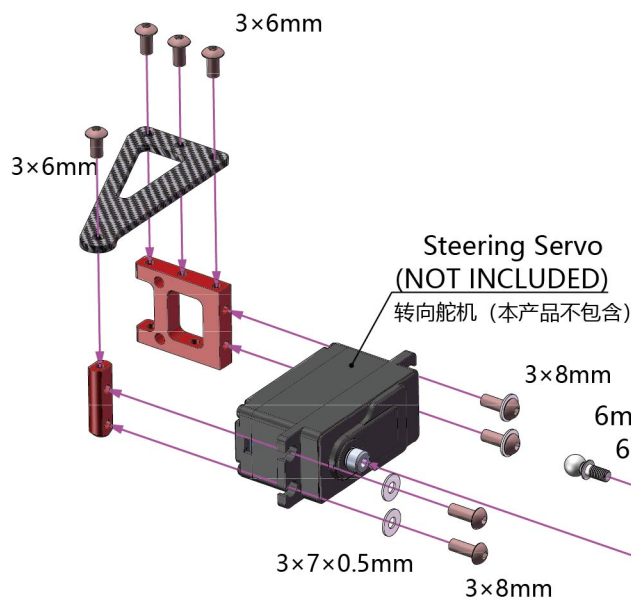
LCKS02
TM M3x6



LCKS04
TM M3x8



LCKS26
S 3x7x0.5



Servo Arm





LCSK12
N M3



LCSK08
KM M3x8



LCSK09
KM M3x10



LCSK11
KM M3x14



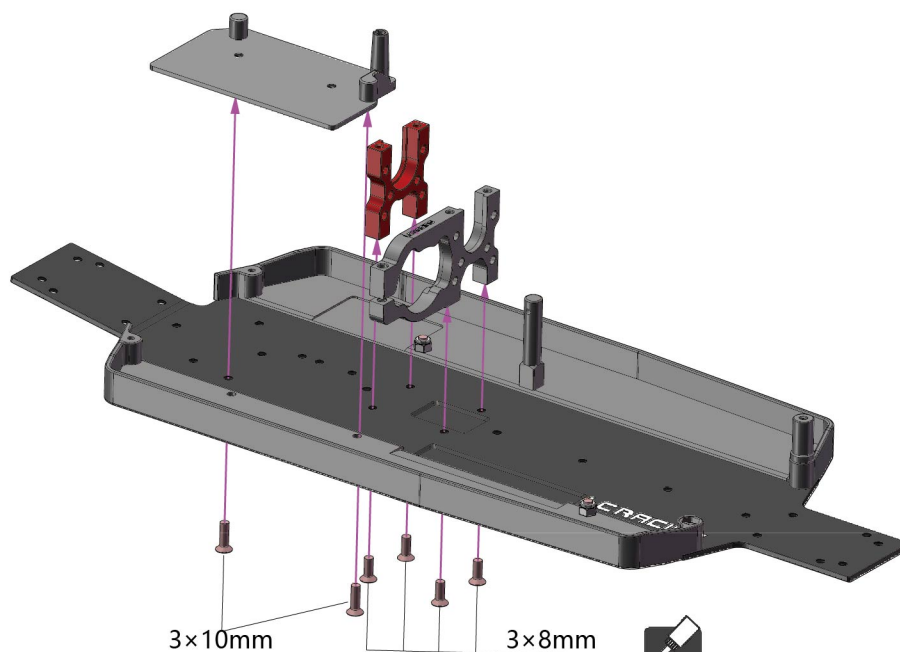
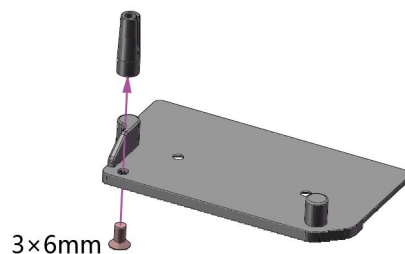
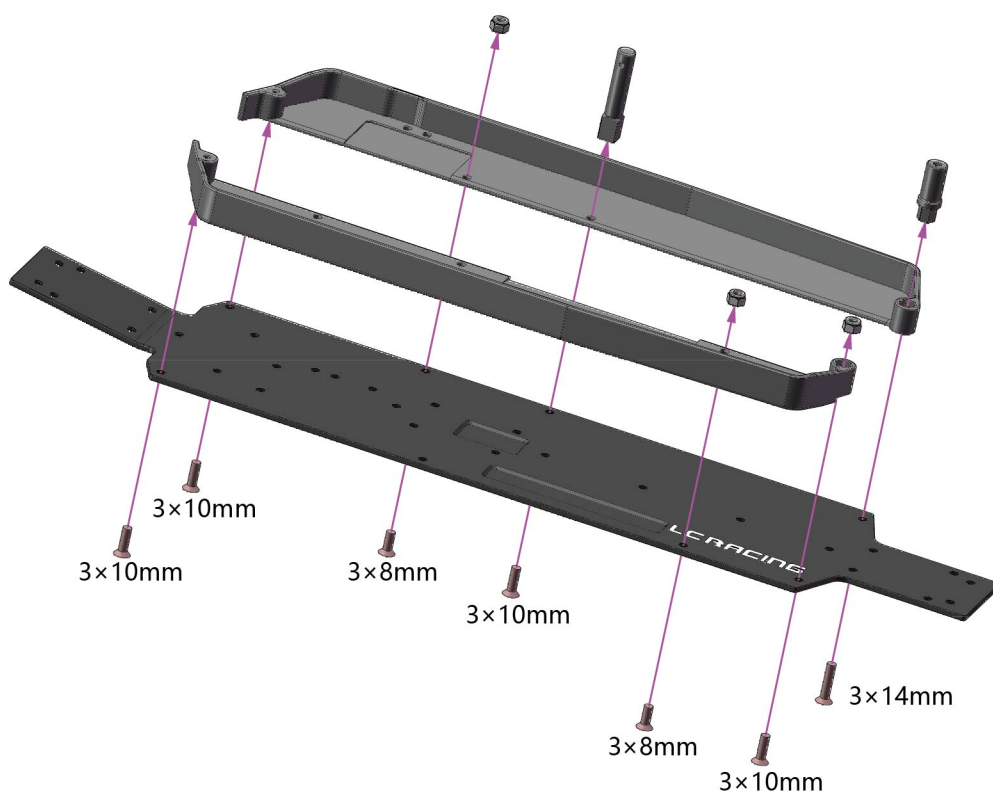
LCSK08
KM M3x6



LCSK08
KM M3x8

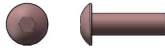


LCSK09
KM M3x10





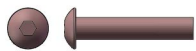
LCK03
TM M3×8



LCK04
TM M3×10



LCK09
KM M3×10



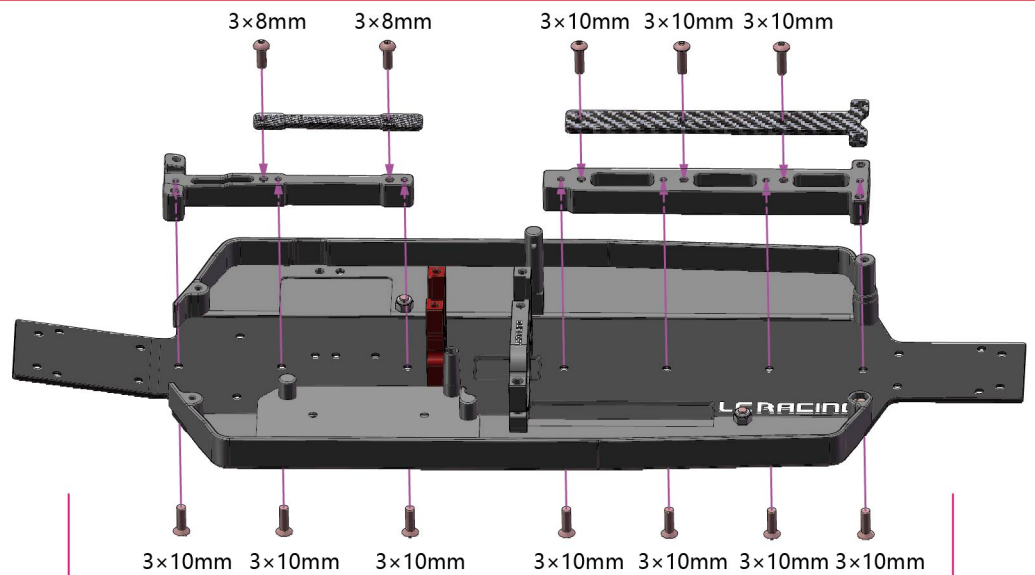
LCK19
KM M3×16



LCK09
KM M3×10

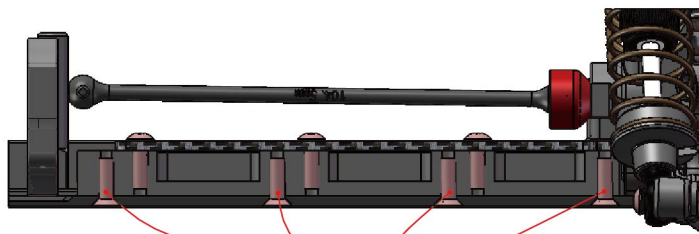


LCK21
KM M3×18



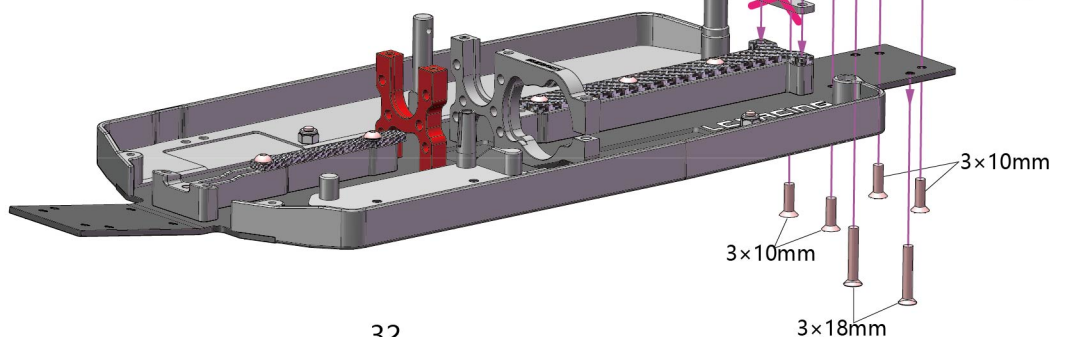
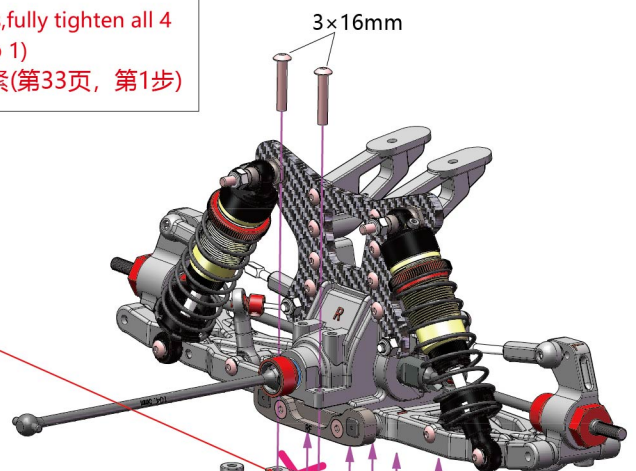
Do not fully tighten the screws during assembly. Fully tighten the screws only after both front and rear suspension assemblies are mounted to the chassis.

在未安装前后总成及悬挂系统前不要完全拧紧螺丝



After you mount the rear suspension assembly to the chassis, fully tighten all 4 screws that were previously left untightened (page 33, step 1)
当把后悬挂总成安装在底板后, 便可把这四颗螺丝完全拧紧(第33页, 第1步)

Do not use this composite brace, when using graphite chassis brace.
如果选择安装碳纤维加强板, 无需安装此支撑垫片。





LCSK06
KM M3×14

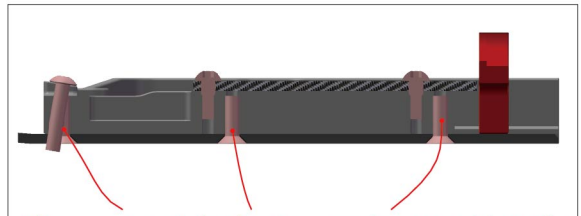
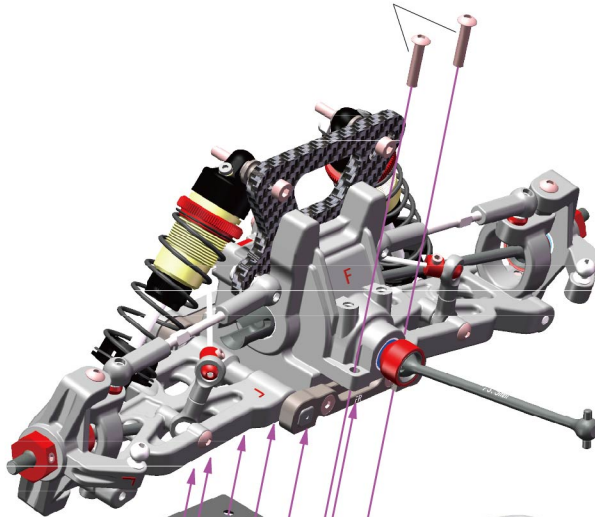


LCSK09
KM M3×10



LCSK21
KM M3×18

3×14mm



After you mount the front suspension assembly to the chassis, fully tighten all 3 screws that were previously left untightened (page 33, step 1)

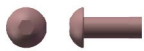
当把前悬挂总成安装在底板后, 便可把这三颗螺丝完全拧紧(第33页, 第1步)

3×10mm

3×10mm

3×18mm

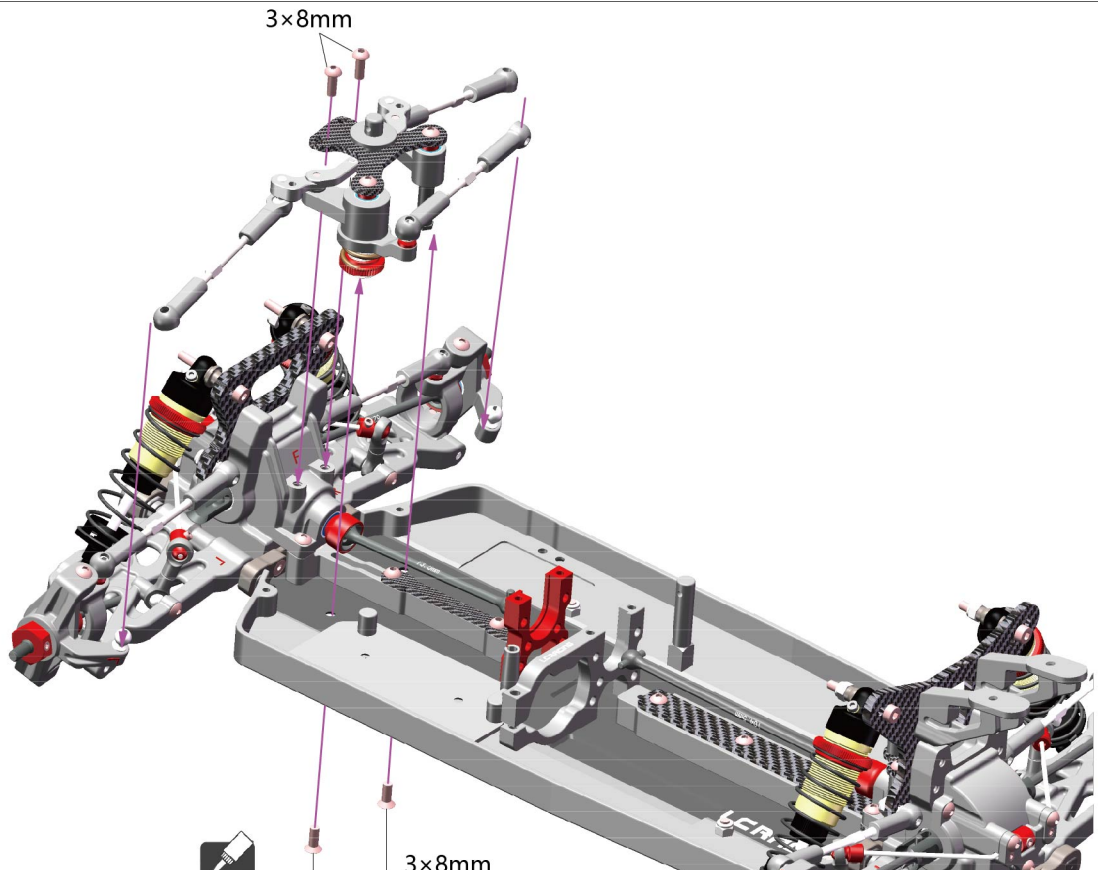
3×8mm



LCSK04
TM M3×8



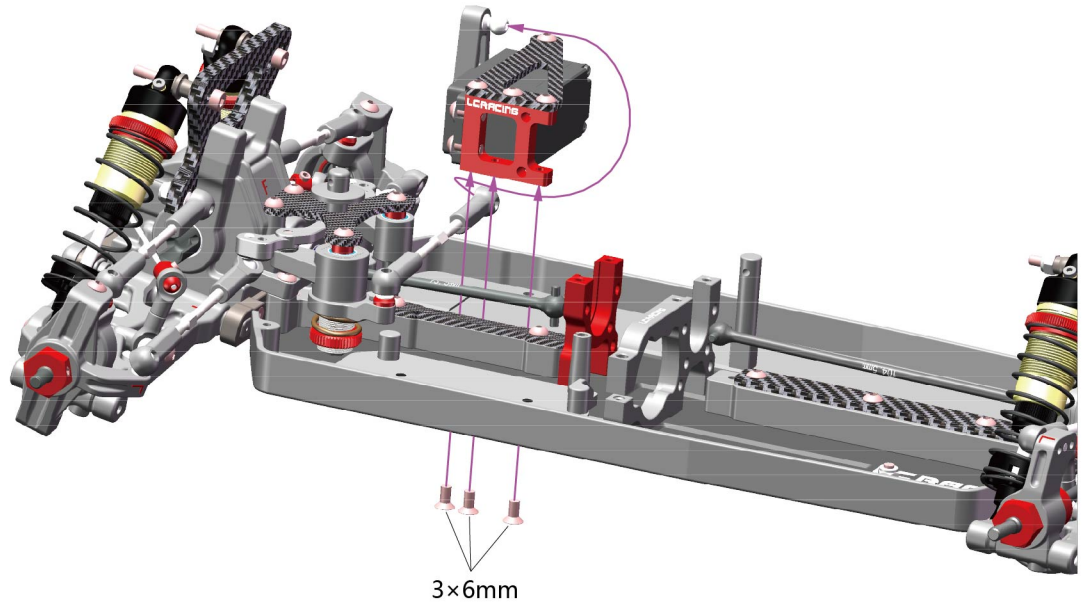
LCSK08
KM M3×8



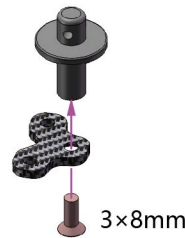
3×8mm



LCSK07
KM M3×6



LCSK07
KM M3×6

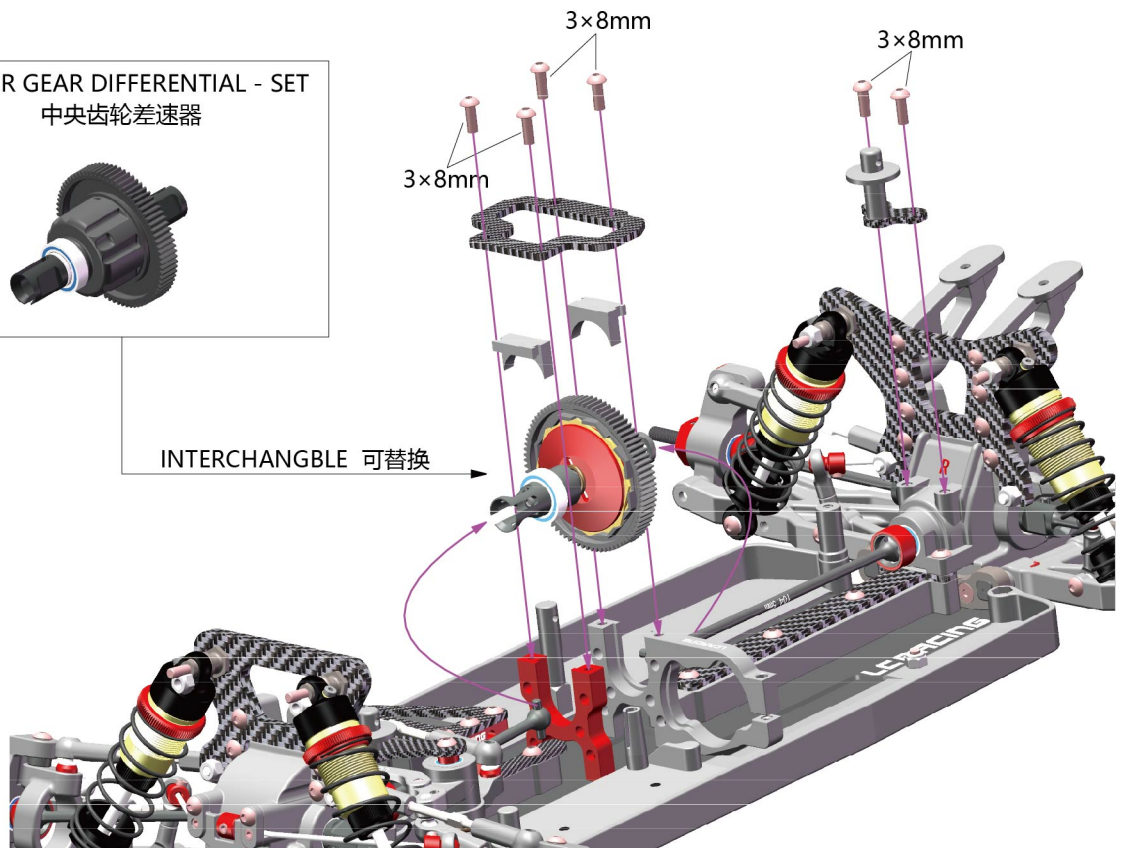


LCSK04
TM M3×8

CENTER GEAR DIFFERENTIAL - SET
中央齿轮差速器

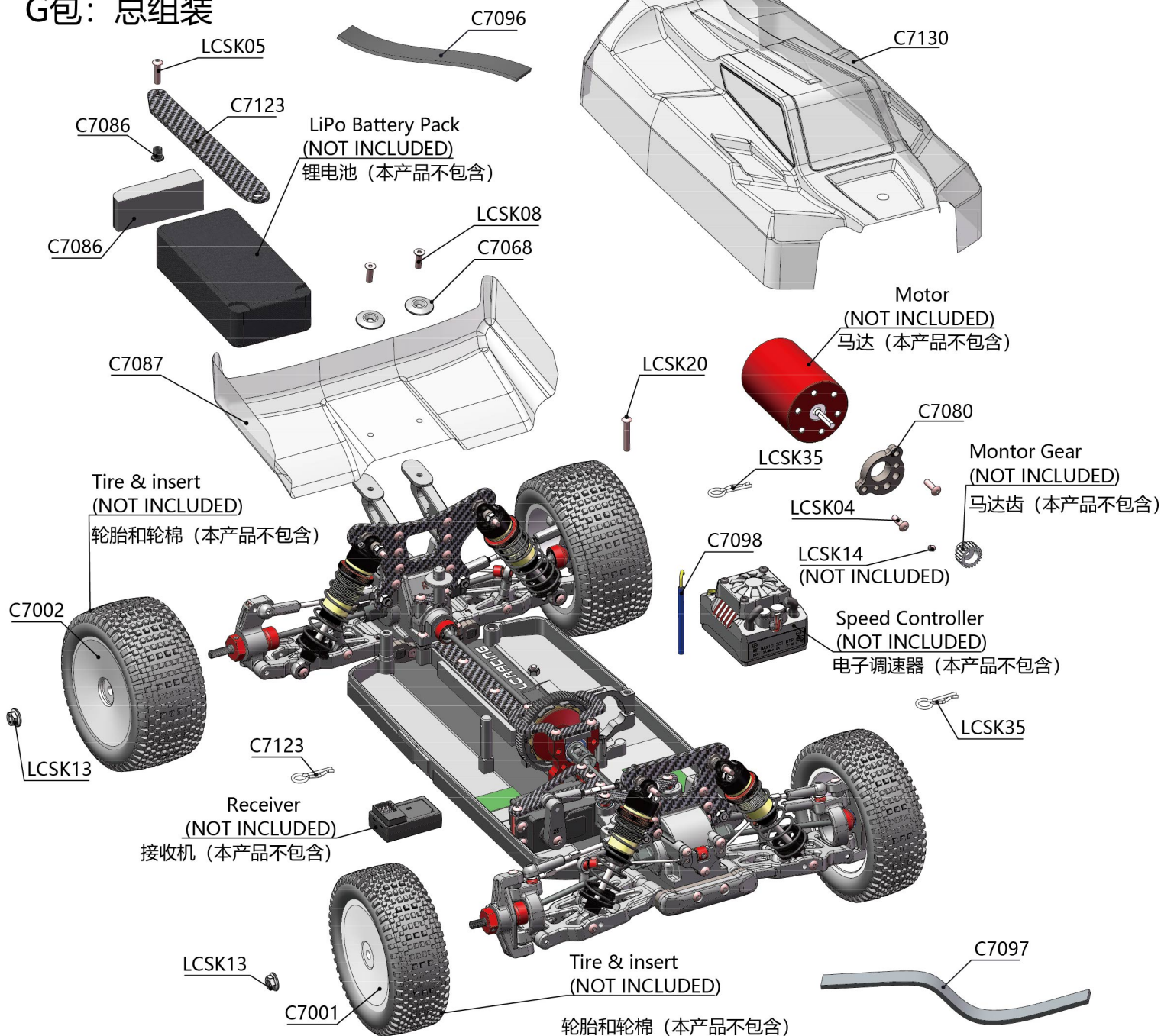


INTERCHANGIBLE 可替换



BAG G: FINAL ASSEMBLY

G包：总组装

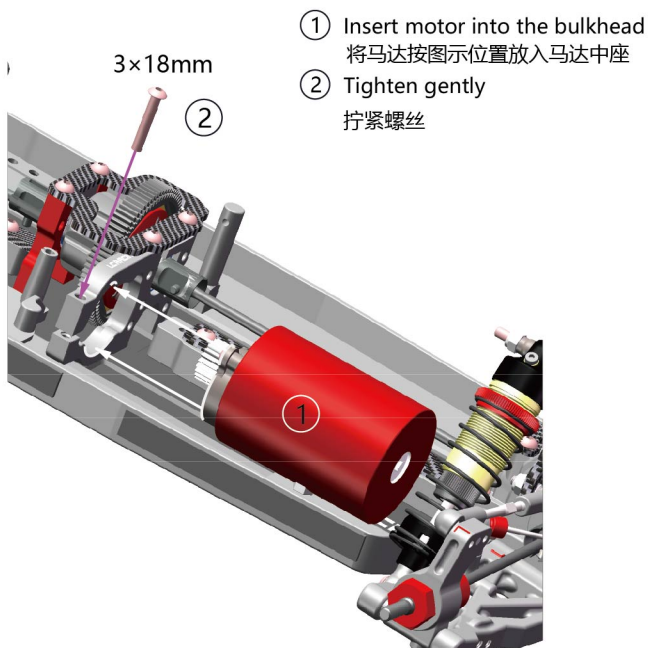
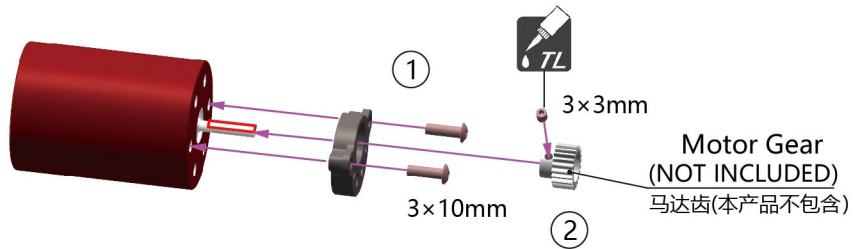


C7001	1/10 4WD Front Buggy Wheels(2) 1/10越野白色前轮毂	C7130	LC10B5V2 Buggy Body/Rear Aero Wing(Light Weight) LC10B5V2轻量车壳
C7002	1/10 4WD Rear Buggy Wheels(2) 1/10越野白色后轮毂	LCKS04	Round Head Screw M3X10mm(2.0mm Hex Socket/20pcs) M3×10mm 圆头螺丝
C7068	Wing Mount&Body Mount Set 尾翼架&车壳柱	LCKS05	Round Head Screw M3×12mm (2.0mm Hex Socket/20pcs) M3×12mm 圆头螺丝
C7080	Motor Mount Set Alu 7075-T6 7075-T6铝合金马达座组	LCKS08	Countersunk Screw M3×8mm (2.0mm Hex Socket/20pcs) M3×8mm 沉头螺丝
C7087	Rear Aero Wing(7") 7"PC尾翼	LCKS13	Flange Nut M4(7.0mm nut driver/20pcs) M4法兰防松螺母
C7096	Self-Adhesive EVA Foam+Foam Spacer 背胶EVA缓冲绵+海绵垫块	LCKS14	Set screw M3X3mm(1.5mm Hex Socket/20pcs) M3×3mm机米螺丝
C7097	Velcro Tape With Double-Side(4) 魔术贴	LCKS20	Round Head Screw M3X18mm(2.0mm Hex Socket/20pcs) M3×18mm 圆头螺丝
C7098	Antenna Tube With Caps(5) 天线管	LCKS35	1/10 Scale body Clip(20) 1/10 R型车壳扣
C7123	Battery Strap+Holders V2 电池盖+电池柱V2		

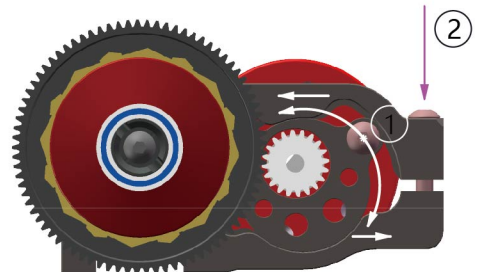
LCSK14
M3×3

LCSK04
TM M3×10

LCSK20
TM M3×18

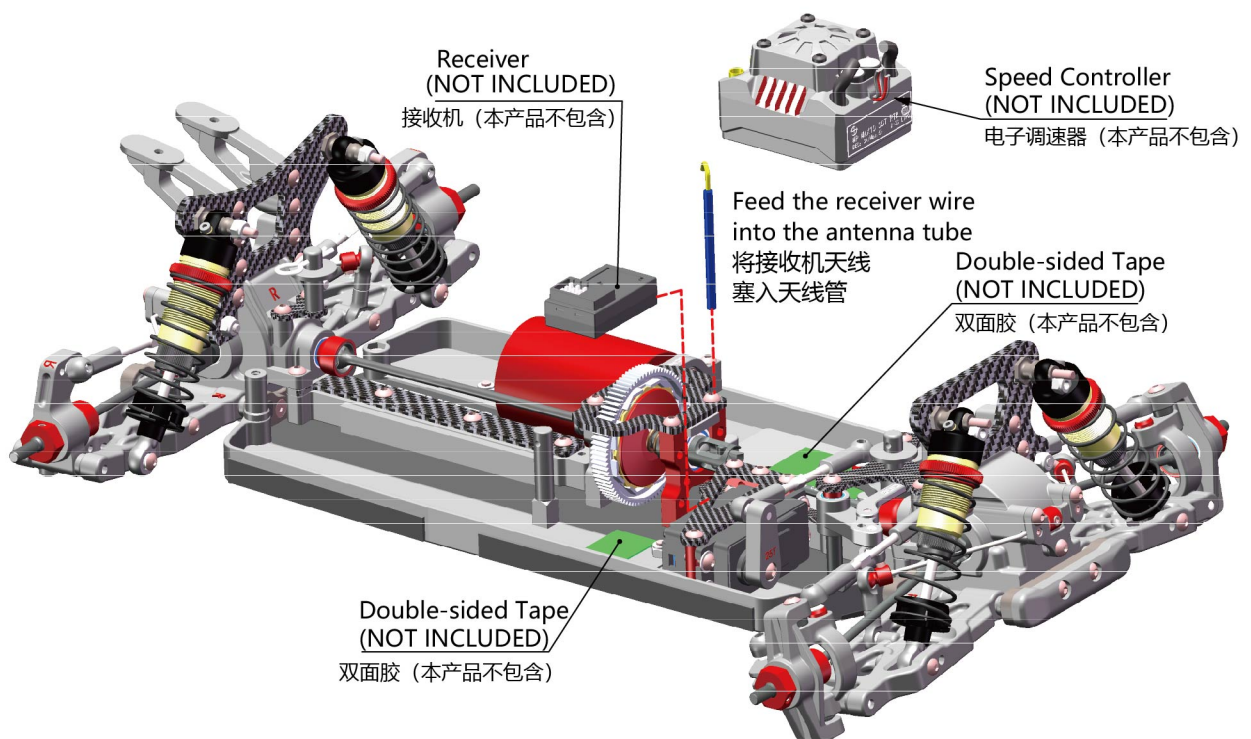


- ① Adjust gear mesh 调整齿轮间隙
- ② Tighten the screw 拧紧螺丝



Adjust the motor so the pinion meshes with the spur gear properly. Make sure the gear mesh is not too tight. There should be a small amount of play between the teeth of the pinion gear and the spur gear.

调整马达齿与大齿轮之间的间隙时，注意不要不紧，两者之间有小量移动间隙便可。

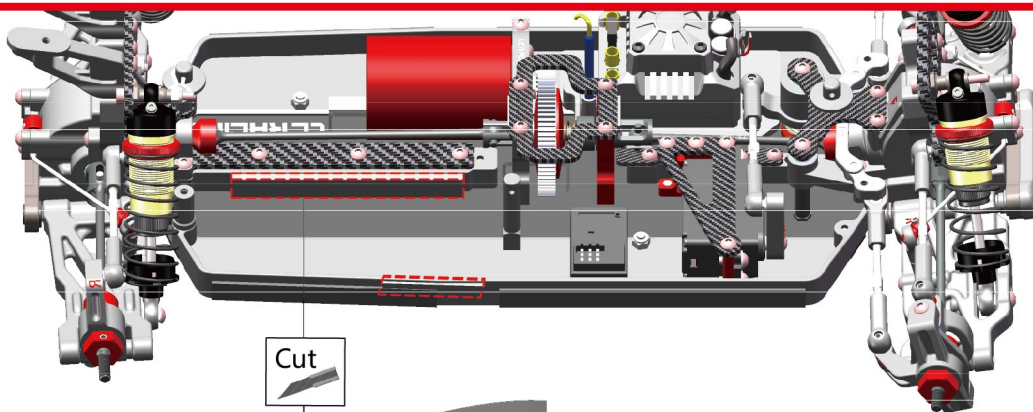


LC10B5★V2

1/10 4WD ELECTRIC RACING BUGGY

1/10 SCALE KIT

LCRACING
RADIO CONTROLLED BUGGIES



Cut

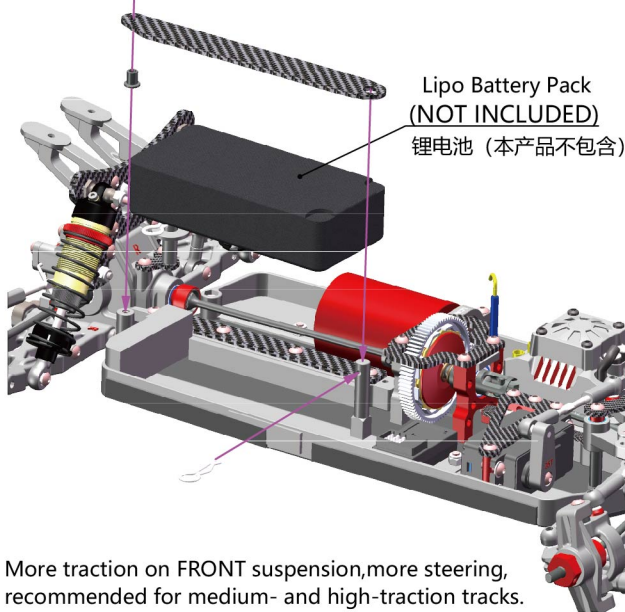


Self-Adhesive EVA Foam
背胶EVA缓冲绵



LCSK05
TM M3×12

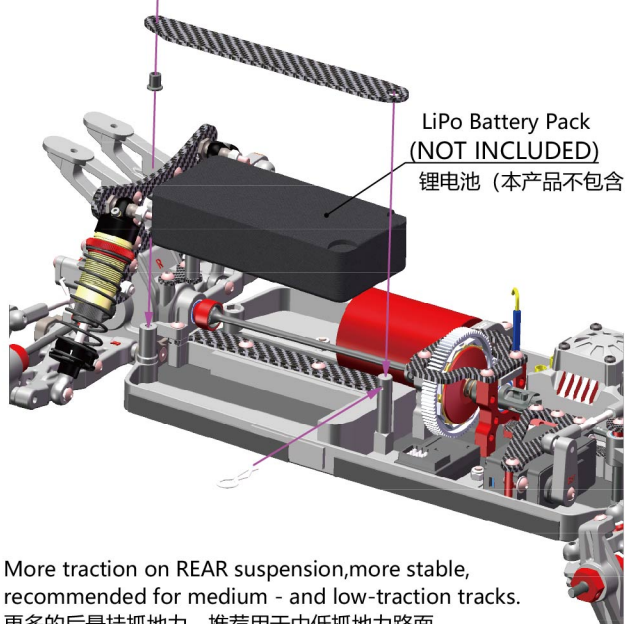
3×12mm
FORWARD WEIGHT BALANCE POSITION
前配重平衡位置



Lipo Battery Pack
(NOT INCLUDED)
锂电池 (本产品不包含)

More traction on FRONT suspension, more steering,
recommended for medium- and high-traction tracks.
更多的前悬挂抓地力, 推荐用于中高抓地力路面

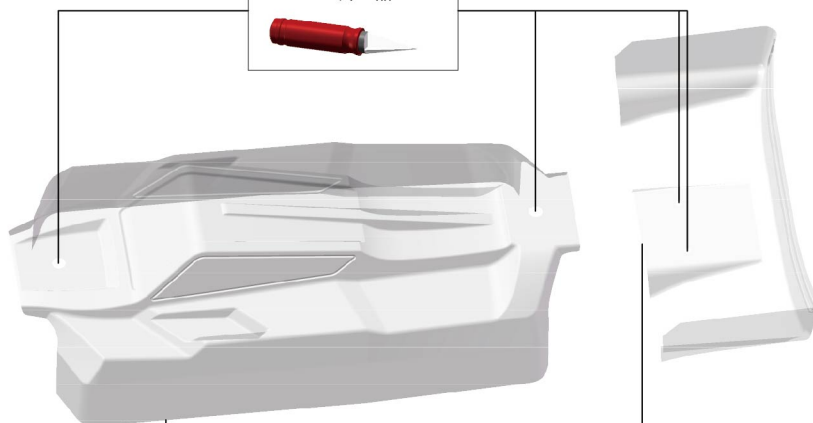
3×12mm
REARWARD WEIGHT BALANCE POSITION
后配重平衡位置



LiPo Battery Pack
(NOT INCLUDED)
锂电池 (本产品不包含)

More traction on REAR suspension, more stable,
recommended for medium - and low-traction tracks.
更多的后悬挂抓地力, 推荐用于中低抓地力路面

Body reamer
开孔器



Curve Scissors
车壳剪

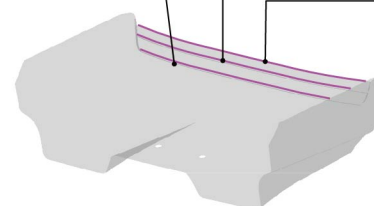


Wing cutting line options
尾翼剪裁设定

Initial position
初始设置

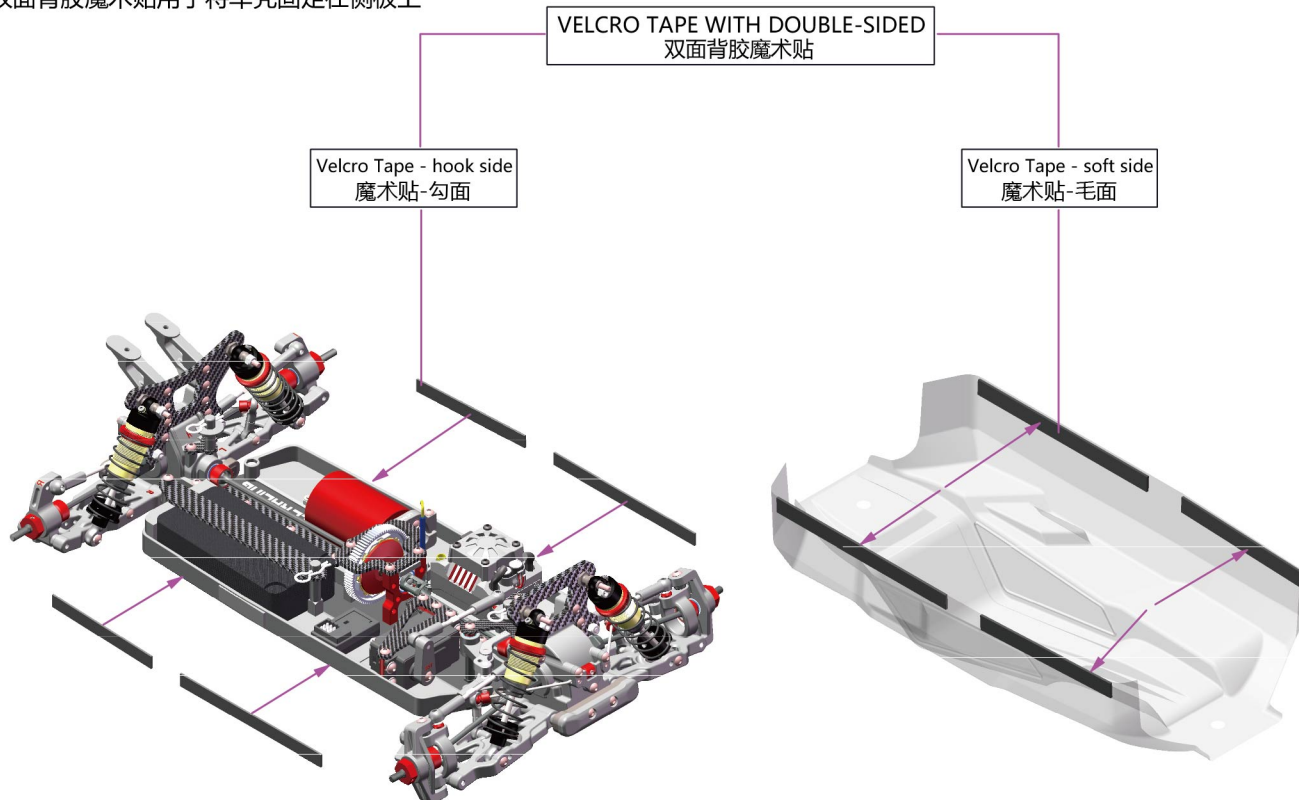
Less traction
少抓地力

More traction
增加抓地力



Double-sided Velcro tape is used to seal the body against the side guards.

双面背胶魔术贴用于将车壳固定在侧板上



LCK13
N M4

Rear wheel (wide)
TIRES NOT INCLUDED
后轮(宽)不包含胎皮

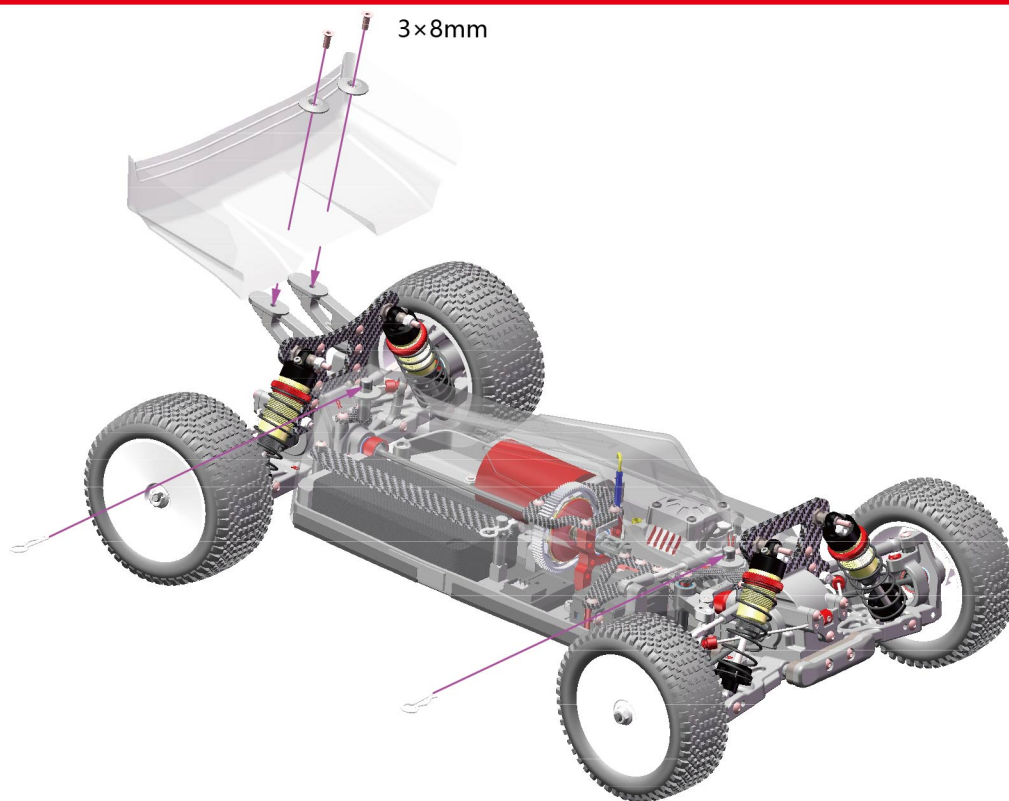
Nut M4

Front wheel (narrow)
TIRES NOT INCLUDED
前轮(窄)不包含胎皮

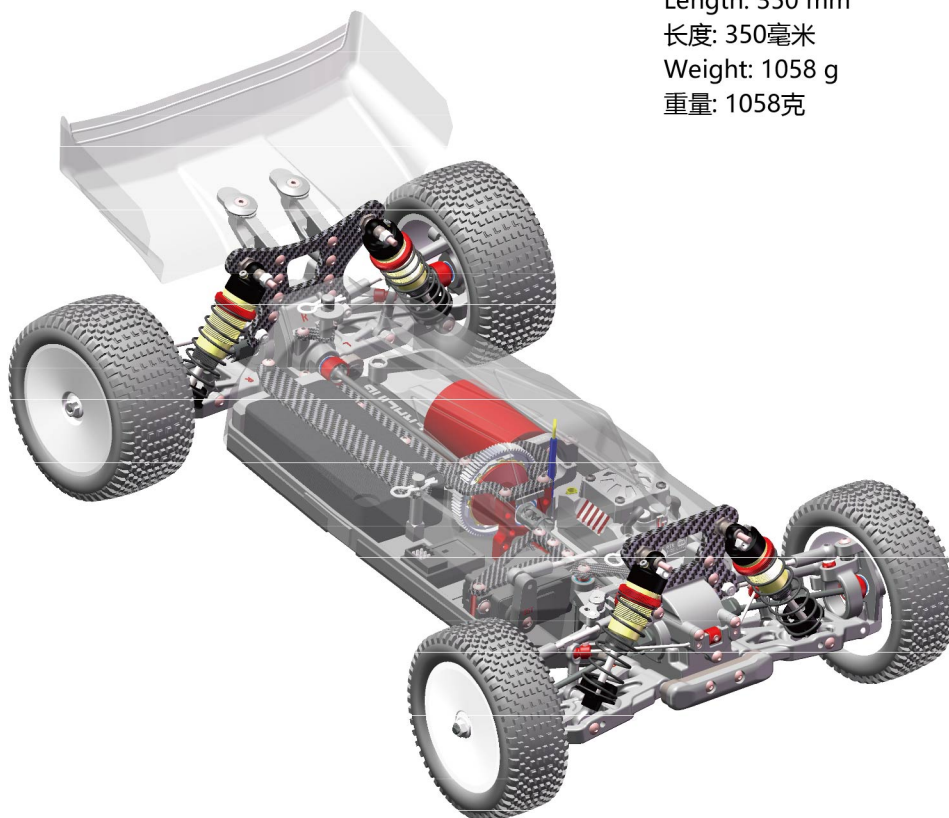
Nut M4



LCSK08
KM M3×8



FINAL ASSEMBLY VIEW 总装视图



Class: 1/10 electric 4WD off-road car version 2

类别: 1 / 10电动四轮驱动越野车V2

Width: Adjustable 240-250mm

宽度: 240-250毫米

Length: 350 mm

长度: 350毫米

Weight: 1058 g

重量: 1058克

RACE			
TRACK			
NAME		DATE	
LAPS		BEST LAP TIME	sec
QUALIFYING POSITION		FINAL POSITION	
TRACK SIZE		☐ OPEN ☐ MEDIUM ☐ TIGHT	
TRACK TRACTION		☐ HIGH ☐ MEDIUM ☐ LOW	
TRACK SURFACE		☐ SMOOTH ☐ MEDIUM ☐ BUMPY	
TRACK TYPE		☐ HARD PACKED ☐ SOFT DIRT ☐ CLAY	
		☐ CARPET ☐ ASTRO TURF ☐ GRASS	
TRACK CONDITION		☐ DRY ☐ DUSTY ☐ WET ☐ MUD	

GEARING			
PINION	T	SPUR GEAR	T
FRONT		SHOCKS	REAR
		SPRINGS	
CST		OIL	CST
%		REBOUND	%
		PISTONS	
☐ 2 HOLES		☐ Ø1.2mm ☐ ☐ Ø1.3mm ☐ ☐ Ø1.4mm ☐ ☐ Ø1.6mm ☐ ☐ Ø1.7mm ☐	 2 HOLES ☐
		CUSTOM PISTONS	
		mm mm	 HOLES

FRONT	TIRES	REAR
	BRAND	
	COMPOUND	
	INSERTS	
	WHEELS	

ELECTRONICS LAYOUT	
BATTERY POSITION	FRONT ☐ ☐ REAR
BATTERY SIZE	 STD. SHORT ☐ ☐ LOW SHORT 

COMMENTS	

The diagram illustrates the rear wheel assembly with various adjustment points. On the left, the 'CASTER' angle is shown, with options for 6°, 9°, and 12°. Below it, the 'CASTER BLOCK' can be set to 'STANDARD' or 'ALU'. The 'SHOCK TOWER POSITION' can be adjusted to 'FRONT' or 'REAR'. The 'SHOCK POSITION' can also be set to 'FRONT' or 'REAR'. The 'REAR HUB WHEELBASE' is shown with a 'SPACER' in front of the arm. The 'OFFSET' is indicated as the distance from the center of the wheel to the center of the hub.

The diagram illustrates the Roll Center Eccentric Bushings. It shows four bushings: FF (top left), FR (bottom left), RF (top right), and RR (bottom right). Each bushing has a central slot with a pin. The FF and RR bushings have a 2mm slot, while the FR and RF bushings have a 0mm slot. The bushings are arranged around a central 'ROLL CENTER' box labeled 'ECCENTRIC BUSHINGS'. Arrows indicate the range of motion for each bushing, with angles of 1° and 0.5° shown for both the left and right sides.

FRONT

OUT

IN

REAR

ARM SPACER
mm

SERVO SAVER

SOFT	☐
MEDIUM	☐
TIGHT	☐
MATERIAL	
STANDARD	☐
ALU	☐

BUMP STEER SPACER
mm

SHIM UNDER STEERING PLATE

GRAPHITE REAR BRACE

YES	☐
NO	☐

ARM SPACER
mm

FRONT TOE

REAR TOE

FRONT

BODY

STANDARD ☐

LIGHT ☐

CHASSIS FLEX

☒ SCREW USED

☐ SCREW NOT USED

WEIGHTS

g

WEIGHTS

g

WEIGHTS

g

WEIGHTS

g

WING THICKNESS

☐ 1.0mm ☐ 1.5mm ☐ 2.0mm

TYPE

WING CUTTING LINE

4 3 2 1

REAR

INITIAL SET-UP SHEET

RACE

TRACK

NAME

DATE

LAPS

BEST LAP TIME

sec

QUALIFYING POSITION

FINAL POSITION

TRACK SIZE

OPEN

MEDIUM

TIGHT

TRACK TRACTION

HIGH

MEDIUM

LOW

TRACK SURFACE

SMOOTH

MEDIUM

BUMPY

TRACK TYPE

HARD PACKED

SOFT DIRT

CLAY

CARPET

ASTRO TURF

GRASS

TRACK CONDITION

DRY

DUSTY

WET

MUD

DIFFERENTIAL TYPE

FRONT

MIDDLE

REAR

GEAR DIFF

GEAR DIFF

GEAR DIFF

SLIPPER

SLIPPER

SLIPPER

OIL

10000 cst

cst

OIL

10000 cst

cst

OIL

10000 cst

cst

SATELLITE GEARS

COMPOSITE

COMPOSITE

COMPOSITE

STEEL

STEEL

STEEL

SLIPPER

SLIPPER ADJUSTMENT

mm

GEARING

PINION

T

SPUR GEAR

T

FRONT

SHOCKS

REAR

3 Dots

SPRINGS

2 Dots

CST

700 cst

cst

OIL

500 cst

cst

%

0

%

PISTONS

2 HOLES

01.2mm

01.3mm

01.4mm

01.6mm

01.7mm

CUSTOM PISTONS

0 mm

0 mm

FRONT

ANTI ROLL BAR

REAR

THICKNESS

1.3 mm

1.2 mm

FRONT

TIRES

REAR

BRAND

COMPOUND

INSERTS

WHEELS

ELECTRONICS

MOTOR

SPEEDO

MOTOR

BATTERY

TIMING

ELECTRONICS LAYOUT

BATTERY POSITION

FRONT

REAR

BATTERY SIZE

STD. SHORT

LOW SHORT

COMMENTS

FRONT

APPLIED

APPLIED

REAR

STEERING BLOCK

STANDARD

ALU

LONGER BUSHINGS

UP

DOWN

SPACER

2 mm

SHOCK TOWER

STANDARD

ALU

REAR HUB

STANDARD

ALU

DOWNSTOP

mm

LOWER SHOCK POSITION

LOWER SHOCK POSITION

DOWNSTOP

mm

FRONT

REAR

CASTER

6°

9°

12°

CASTER BLOCK

STANDARD

ALU

SHOCK TOWER POSITION

FRONT

REAR

SHOCK POSITION

FRONT

REAR

REAR HUB WHEELBASE

SPACER

2 mm

IN FRONT OF ARM

OFFSET

0 /slots

OFFSET

0 /slots

FF

FR

RF

RR

ROLL CENTER

ECCENTRIC BUSHINGS

1°

0.5°

1°

0.5°

2mm

0mm

FRONT

REAR

ARM SPACER

2 mm

SERVO SAVER

SOFT

MEDIUM

TIGHT

MATERIAL

STANDARD

ALU

BUMP STEER SPACER

0 mm

SHIM UNDER STEERING PLATE

FRONT TOE

1.5°

OUT

GRAPHITE REAR BRACE

YES

NO

REAR TOE

3°

IN

FRONT CAMBER

2°

DOWNSTOP SPACER

1 mm

LENGTH

23 mm

UPSTOP SPACER

0 mm

RIDE HEIGHT

25 mm

REAR CAMBER

2°

DOWNSTOP SPACER

1 mm

LENGTH

28 mm

UPSTOP SPACER

0 mm

RIDE HEIGHT

25 mm

FRONT

REAR

WEIGHTS

0 g

WEIGHTS

0 g

WEIGHTS

0 g

WEIGHTS

0 g

BODY

STANDARD

LIGHT

CHASSIS FLEX

SCREW USED

SCREW NOT USED

WING

THICKNESS

1.0mm

1.5mm

2.0mm

TYPE

WING CUTTING LINE

赛事			
赛场			
名字		日期	
圈数		最佳圈数时间	sec
预赛排位		决赛排名	
赛场大小	☐ 大	☐ 中	☐ 小
场地地面抓地力	☐ 高抓场地	☐ 中抓场地	☐ 低抓场地
赛道表面	☐ 平整	☐ 一般	☐ 不平整
赛场类型	☐ 硬泥地 ☐ 地毯	☐ 软泥地 ☐ 人造草地	☐ 粘土 ☐ 草地
场地情况	☐ 干地	☐ 灰地	☐ 潮湿地 ☐ 泥地

差速器类型		
前差速器	中差速器	后差速器
齿轮差速 ☐	齿轮差速 ☐ 限滑装置 ☐	齿轮差速 ☐
硅油 cst	硅油 cst	硅油 cst
行星齿轮		
复合塑料 ☐	复合塑料 ☐	复合塑料 ☐
钢 ☐	钢 ☐	钢 ☐
	限滑装置	
	mm	
	配搭位置松紧	

齿轮比			
马达齿轮	T	大齿轮	T

前避震	避震桶	后避震
	彈簧	
CST	砵油浓度	CST
%	回彈	%
☐ 2孔 	活塞 ☐ Ø1.2mm ☐ ☐ Ø1.3mm ☐ ☐ Ø1.4mm ☐ ☐ Ø1.6mm ☐ ☐ Ø1.7mm ☐	 2孔 ☐
孔 	定制活塞 mm mm	 孔

前	防倾杆	后
	 粗细尺寸	

前	轮胎	后
	品牌	
	材质	
	内胆	
	轮毂	

电子设备		
马达		电子调速器
马达进角		电池

电子设备安装位置			
电池位置		前	☐ ☐ 后
电池尺寸		标准短电	☐ ☐ 低重心短电 

评论

前 已应用 已应用 后

转向座	
标准	☐
铝合金	☐

垫片
mm

厚杯士	
上	☐
下	☐

下止点 mm

减震下孔位

减震板	
标准	☐
铝合金	☐

后轮座

标准	☐
铝合金	☐

下止点 mm

减震下孔位

Figure 1 illustrates the rolling center and eccentric sleeve. The diagram shows four views of a mechanical component: FF (top left), FR (bottom left), RF (top right), and RR (bottom right). A central box labeled "滚动中心" (Rolling Center) and "偏心衬套" (Eccentric Sleeve) is connected to the components. Arrows indicate angular positions of 1° and 0.5° for each view. A scale bar at the bottom right shows 2mm and 0mm.

摆臂垫片
mm

舵机保护
松 ☐
中 ☐
紧 ☐
材料
标准 ☐
铝合金 ☐

阿克曼位置

动态转向垫片
mm

转向连杆下的垫片

前束脚
前 OUT

后束角
IN 后

摆臂后支撑
是 ☐
否 ☐

摆臂垫片
mm

The image contains two technical diagrams of vehicle wheel assemblies, labeled '前轮倾角' (Front Wheel Angle) on the left and '后轮倾角' (Rear Wheel Angle) on the right. Each diagram includes a side view of the wheel and a top-down view of the suspension components. Key measurement points are indicated with arrows and labels: '前轮倾角' (Front Wheel Angle), '后轮倾角' (Rear Wheel Angle), '下止点垫片' (Lower Stop Shim), '长度' (Length), '上止点垫片' (Upper Stop Shim), and '车高' (Vehicle Height). The labels are in Chinese and include units like 'mm'.

初始设定表

赛事		
赛场		
名字		日期
圈数		最佳圈数时间
		sec
预赛排位		决赛排名
赛场大小 ☐ 大 ☐ 中 ☐ 小 场地地面抓地力 ☐ 高抓地力 ☐ 中抓地力 ☐ 低抓地力 赛道表面 ☐ 平整 ☐ 一般 ☐ 不平整 赛场类型 ☐ 硬泥场 ☐ 软泥地 ☐ 粘土 ☐ 地毯 ☐ 人造草地 ☐ 草地 场地情况 ☐ 干地 ☐ 灰地 ☐ 潮湿地 ☐ 泥地		

差速器类型		
前差速器	中差速器	后差速器
齿轮差速 ☒ 硅油 10000 cst cSt 限滑装置 ☐ 硅油 cSt	齿轮差速 ☐ 限滑装置 ☐ 硅油 10000 cst cSt	齿轮差速 ☒ 硅油 10000 cst cSt 限滑装置 ☐ 硅油 cSt
行星齿轮		
复合塑料 ☐ 钢 ☒	复合塑料 ☐ 钢 ☐	复合塑料 ☐ 钢 ☒
限滑装置 限滑装置位置 mm		

齿轮比	
马达齿轮	大齿轮
T	T

前避震	避震桶	后避震
3 点	弹簧	2 点
CST 700 cst	硅油浓度	500 cst CST
% 0	回弹	% 0
☒ 2孔 ☐ Ø1.2mm ☐ Ø1.3mm ☐ Ø1.4mm ☒ Ø1.6mm ☐ Ø1.7mm	定制活塞 活塞 定制活塞	☒ 2孔 ☐ Ø1.2mm ☐ Ø1.3mm ☐ Ø1.4mm ☒ Ø1.6mm ☐ Ø1.7mm
孔	Ø mm	孔

前	防倾杆	后
1.3 mm	粗细尺寸	1.2 mm

前	轮胎	后
	品牌	
	材质	
	内胆	
	轮毂	

电子设备	
马达	电子调速器
马达进角	电池

电子设备安装位置	
电池位置	前 ☐ 后 ☐
电池尺寸	☐ 标准短电 ☐ 低重心短电

评论	

前		后	
转向座 标准 ☒ 铝合金 ☐ 厚杯士 上 ☒ 下 ☐	垫片 2 mm	避震板 标准 ☒ 铝合金 ☐	后轮座 标准 ☒ 铝合金 ☐
下止点 mm	避震下孔位	避震下孔位	下止点 mm

前		后	
后倾角 6° ☐ 9° ☒ 12° ☐	C座 标准 ☒ 铝合金 ☐	避震板位置 前 ☒ 后 ☐	避震位置 前 ☒ 后 ☐
轮圈偏移量 0 /slots	垫片 0 mm	轴距 垫片 2 /mm	轮圈偏移量 0 /slots

滚动中心	
1° ☐ 0.5° ☐ 1° ☐ 0.5° ☐	1° ☐ 0.5° ☐ 1° ☐ 0.5° ☐
FF FR	RF RR
2mm ☐ 0mm ☐	

前		后	
摆臂垫片 2 mm	阿克曼位置 松 ☐ 中 ☒ 紧 ☐ 材料 标准 ☒ 铝合金 ☐	碳纤后支撑 是 ☒ 否 ☐	摆臂垫片 2 mm
前束脚 1.5	动态转向垫片 0 mm 转向连杆下的垫片	后束角 3	

前		后	
前轮倾角 2	下止点垫片 1 mm	后轮倾角 2	下止点垫片 1 mm
长度 23 mm	车高 25 mm	长度 28 mm	车高 25 mm
上止点垫片 0 mm		上止点垫片 0 mm	

前		后	
车壳 标准 ☒ 超轻 ☐	配重 0 g	配重 0 g	尾翼厚度 1.0mm ☒ 1.5mm ☐ 2.0mm ☐
地盘扭动 使用螺丝 ☐ 没有使用螺丝 ☐	配重 0 g	配重 0 g	尾翼切割线 4 3 2 1