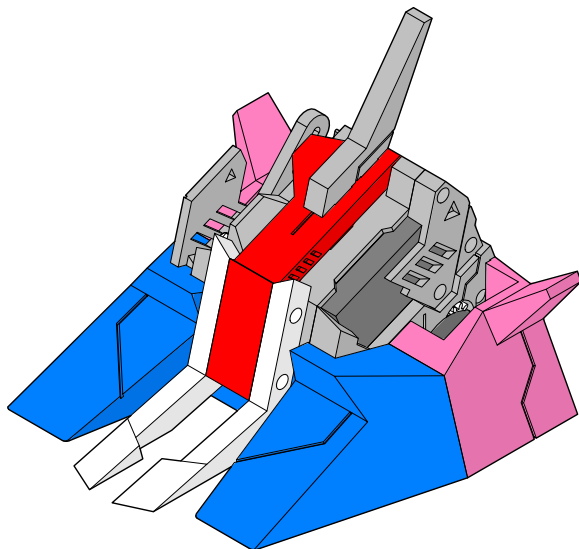


XUANZHI

玄智科技



XUANZHI E2 01

幻光兽

简易安装说明书

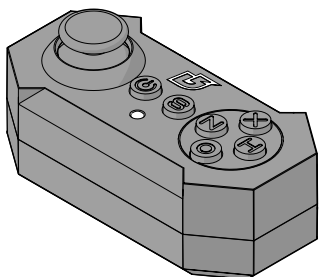


公众号二维码



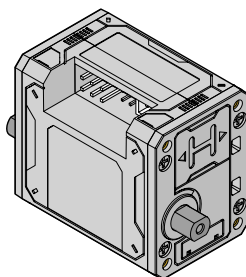
维基百科二维码

主要部件清单



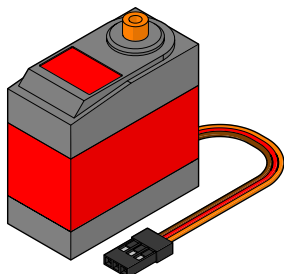
XL11000
核心遥控

x1



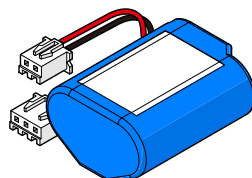
XL21000
核心舱6.0

x1



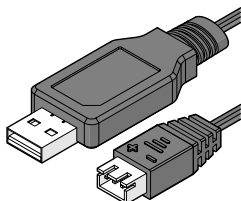
XL31510
升级舵机
4020

x1



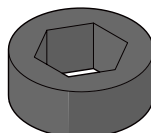
XL37300
三元锂电芯组
450mAh

x1



XL38600
充电线
7.4V

x1



XL43126
EVA胎
D26×10

x2

五金类配件清单

自攻螺丝包



XL61106
盘头自攻螺丝
M2.5×6
×30

机牙螺丝包



XL62106
沉头螺丝
M2×6
×10

驱动轴包



XL63394
扁头加胶螺丝
M3×4
×4

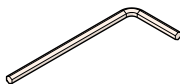


XL63198
沉头加胶螺丝
M3×8
×4



XL41215
标准车轴
15mm
×3

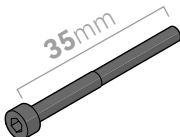
武器轴包



XL49225
内六角扳手
2.5mm
×1



XL67130
锁紧螺母
M3
×2



XL63753
杯头半牙螺丝
M3×35
×2

舵机五金包



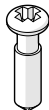
XL31010
金属舵臂
25T
×1



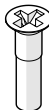
XL67130
锁紧螺母
M3
×2



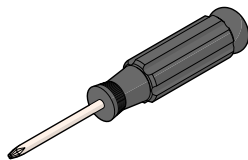
XL63198
沉头加胶螺丝
M3×8
×2



XL61210
半牙自攻螺丝
M2.5×10
×2



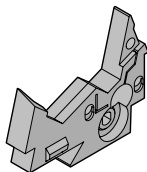
XL63901
沉头台阶螺丝
M3×12
×2



XL49130
十字螺丝刀
3mm
×1

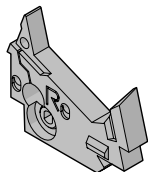
幻光兽

3D打印零件清单



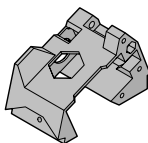
XL0101
左车架L

×1



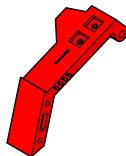
XL0102
右车架R

×1



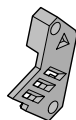
XL0103
设备舱

×1



XL0104
主动臂

×1



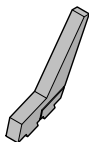
XL0105
舵机盖

×1



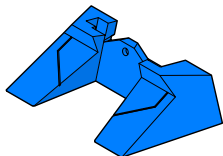
XL0106
驱动槽档

×1



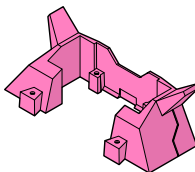
XL0107
复位角

×1



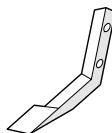
XL0108
底盘

×1



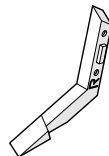
XL0109
护甲

×1



XL0110
左牙L

×1



XL0111
右牙L

×1



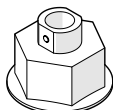
XL0001
主动齿轮
T10

×4



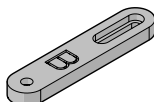
XL0011
齿轮环
T15

×2



XL0021
通用轮毂
H10

×2



XL0052
驱动臂B

×1



两侧安装方式相同



安装后保持顺滑

← 安装的轨迹及方向



使用内六角扳手



特别或补充说明

----- 螺丝的固定轨迹



使用通用十字套筒

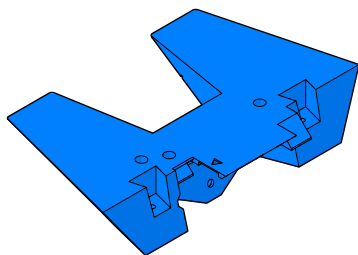
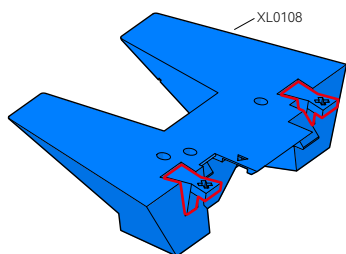


按照数字顺序组装



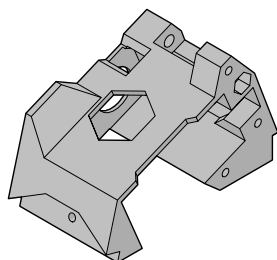
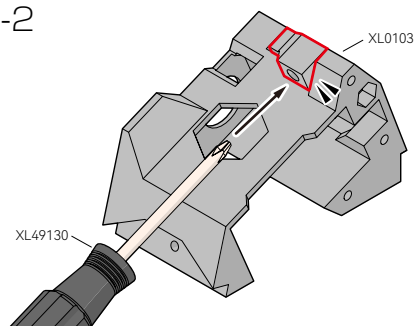
▲ 注意位置或方向

1-1



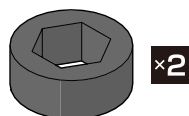
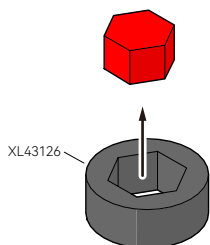
红色标识支撑件请掰开去除

1-2



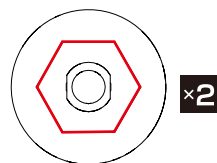
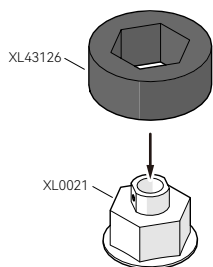
螺丝刀插入红色标识处圆孔后
轻巧地翘开剥离打印件多余支撑

1-3



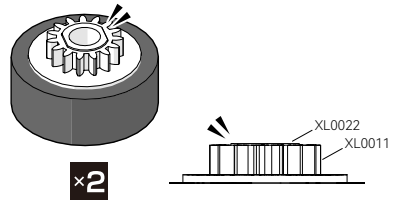
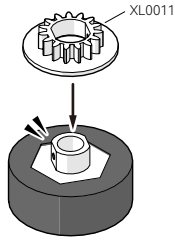
剥去EVA轮多余部分

2-1



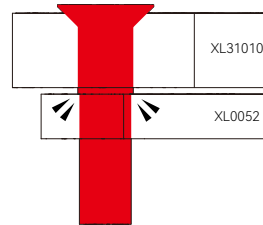
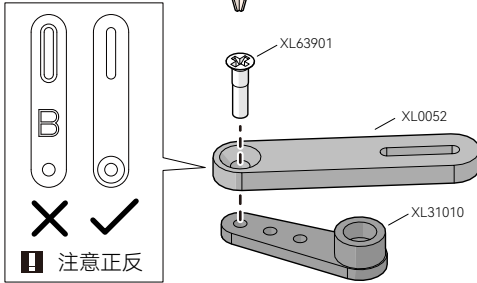
图中红线所示
轮毂与胎皮的六边形边对齐后组装

2-2



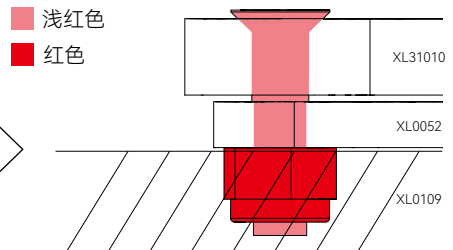
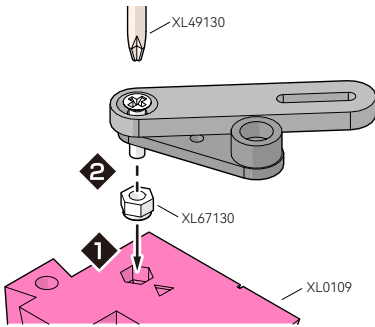
装紧XL0011齿轮环零件
如图所示使得零件顶面低于轮毂顶面

2-3



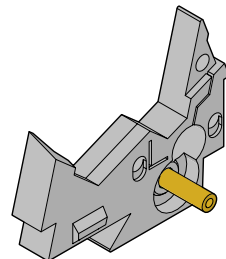
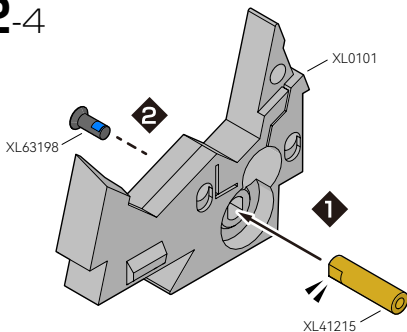
沉头台阶螺丝穿过驱动臂零件后
旋拧固定在金属舵臂上，直至无法旋拧

2-4



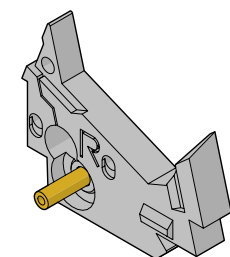
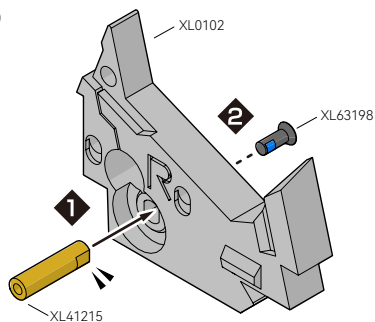
利用零件XL0311作为锁紧螺母的固定底座
将整个金属舵臂系统用锁紧螺母锁定

2-4



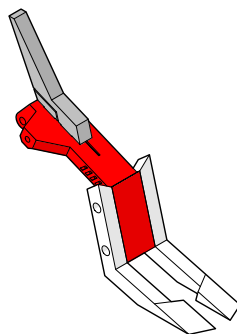
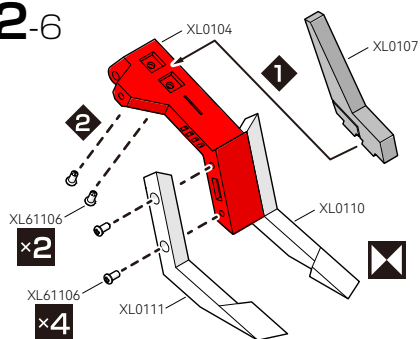
沉头加胶螺丝与标准车轴
之间请制作牢固

2-5

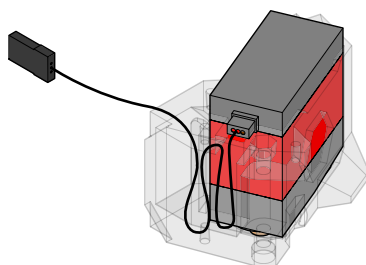
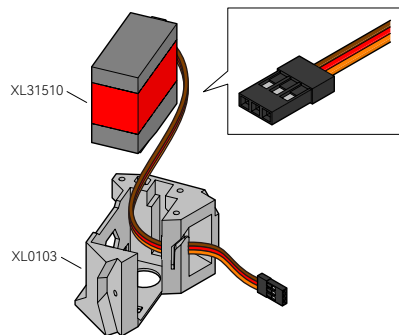


沉头加胶螺丝与标准车轴
之间请制作牢固

2-6

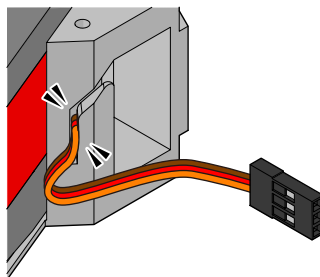
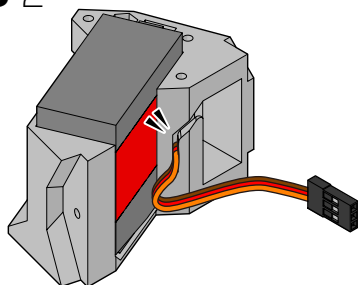


3-1



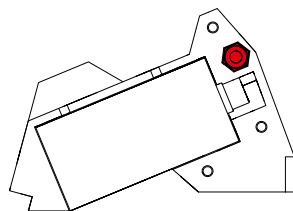
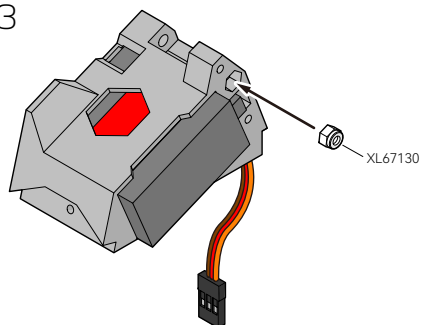
较长的线缆可以整理在空隙空间内

3-2



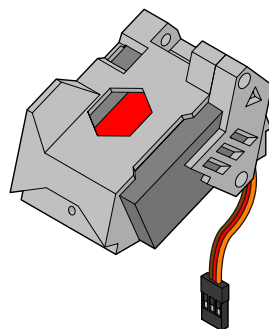
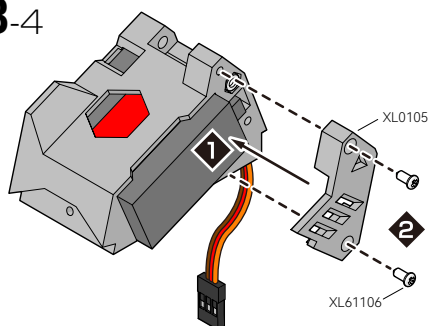
舵机线卡在标识处，露出部分长度即可

3-3

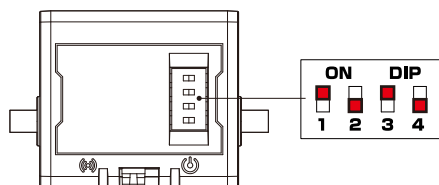
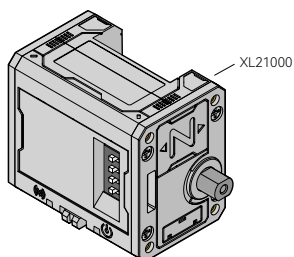


孔内装入锁紧螺母以便后续螺丝轴链接固定

3-4

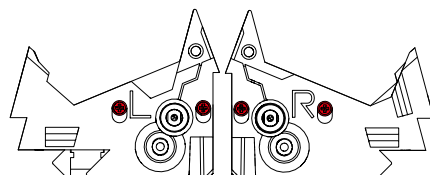
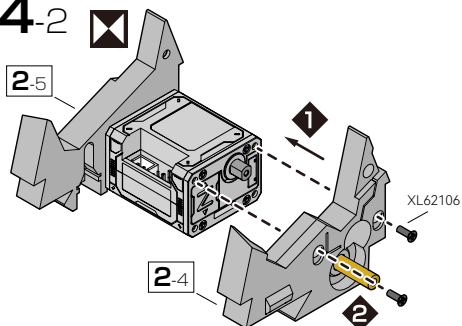


4-1



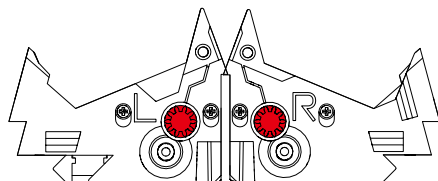
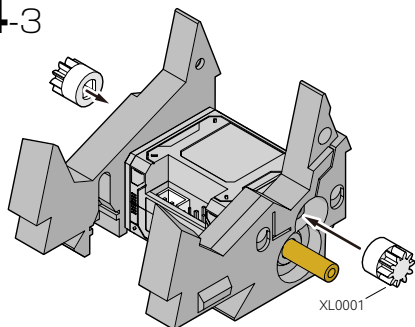
! 核心模块编码设置如图

4-2



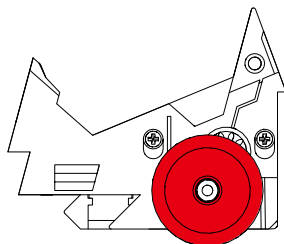
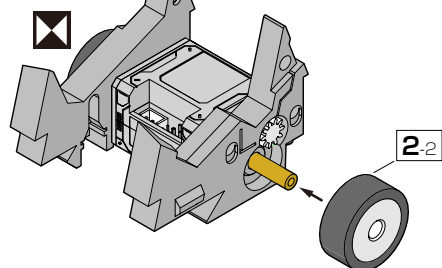
红色标注为螺丝孔位示意

4-3



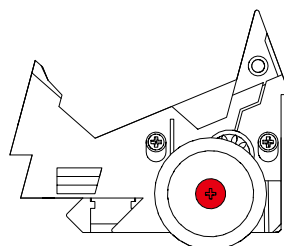
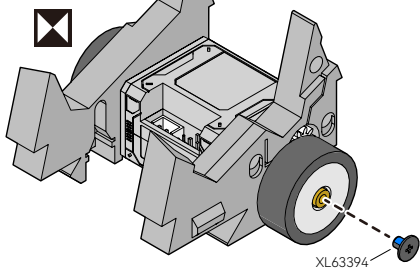
红色标注为零件安装位置示意

4-4



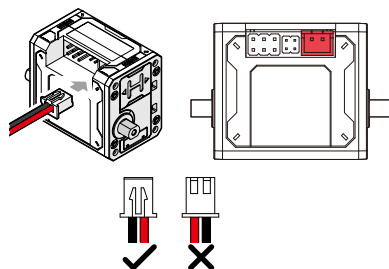
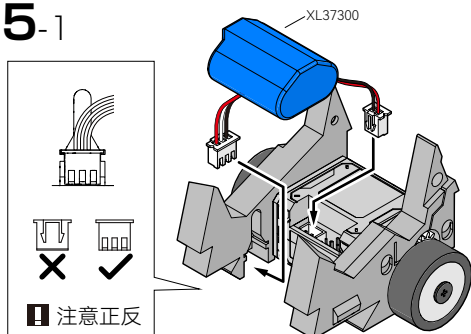
红色标注为零件安装位置示意

4-5



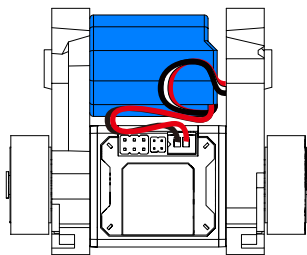
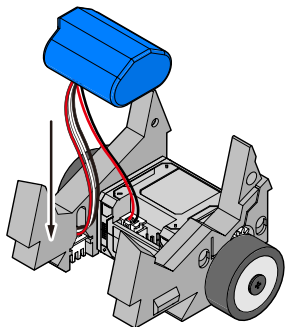
红色标注为螺丝孔位示意

5-1



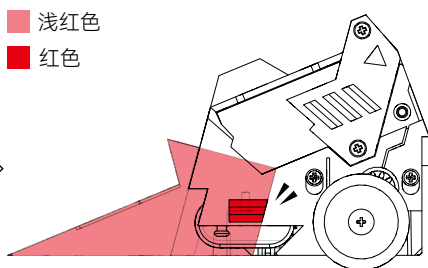
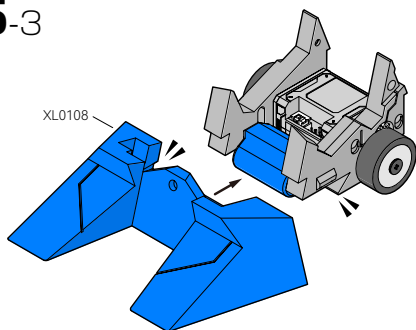
! 注意接口的插入方向，红色为接口插入位置

5-2



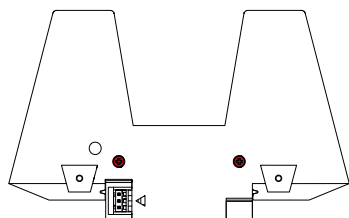
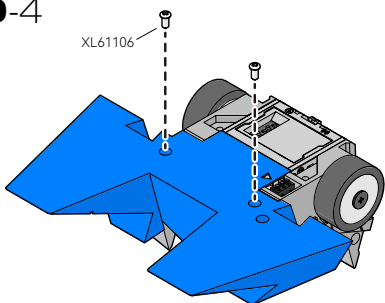
注意电池线缆的整理

5-3



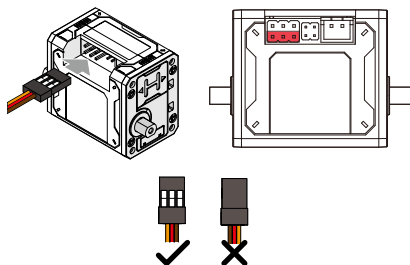
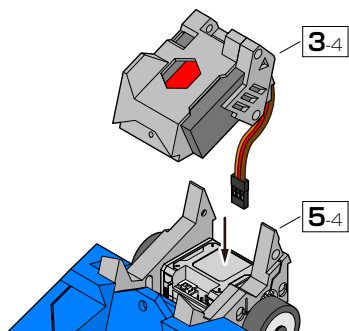
浅红色部分为底盘，红色部分为结构组合卡榫

5-4



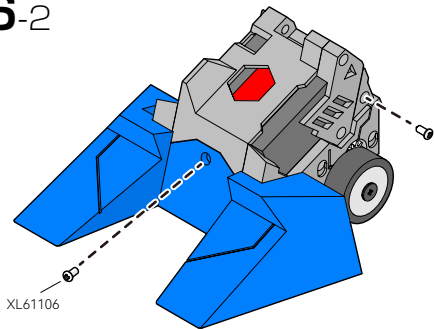
红色标注为螺丝孔位示意

6-1

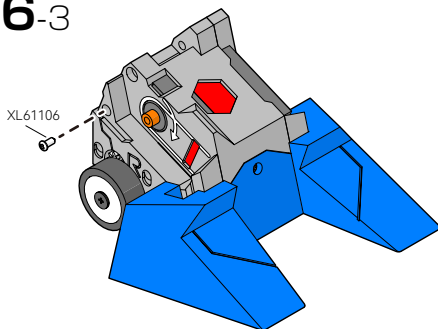


注意接口的插入方向，红色为接口插入位置

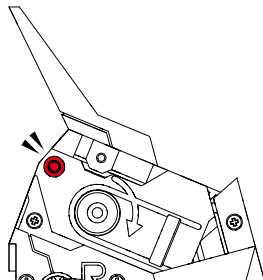
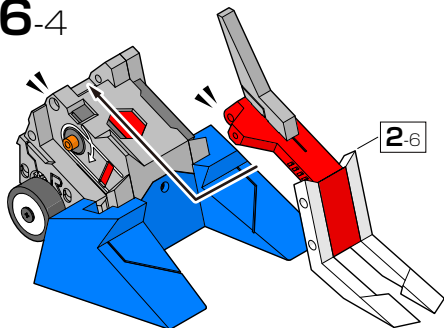
6-2



6-3

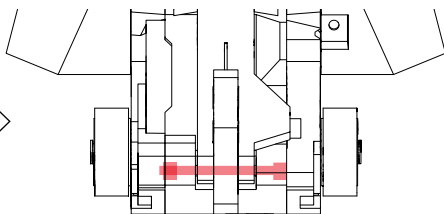
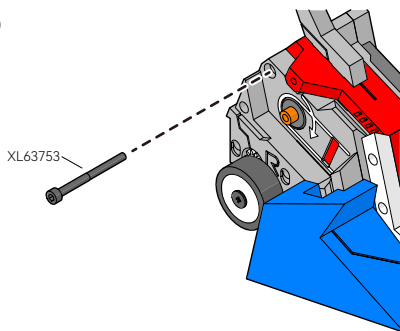


6-4



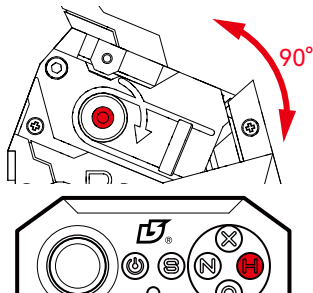
如图请对齐孔洞

6-5

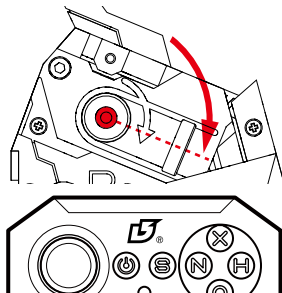


安装完轴以后也要保证机构的良好活动性
切忌安装过紧

7-1

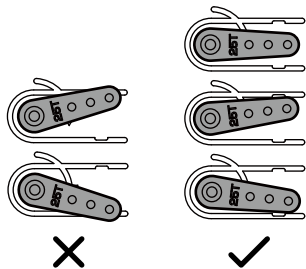
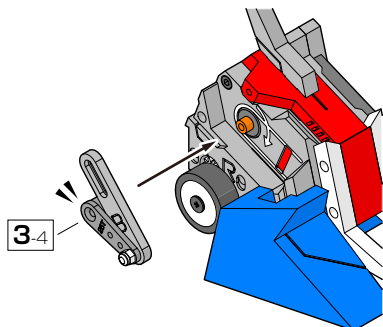


核心舱通电后连接 **H** 键确定齿轮旋转方向



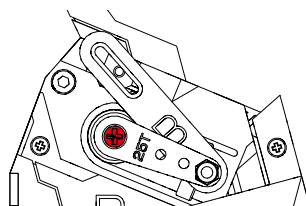
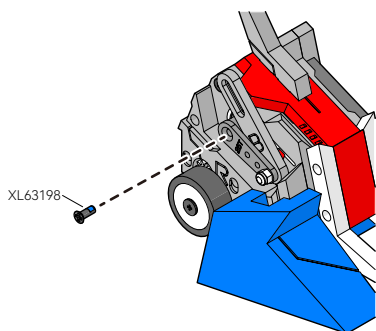
最终将齿轮旋转至箭头所指向的虚线初始位

7-2



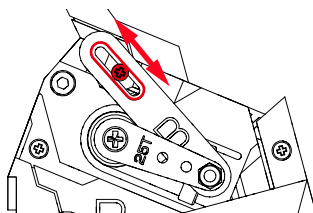
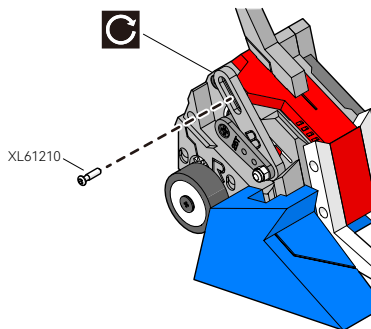
舵机臂初始安装位置请在白线范围内

7-3



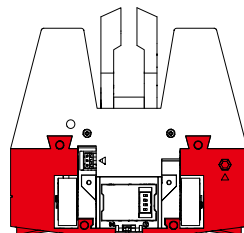
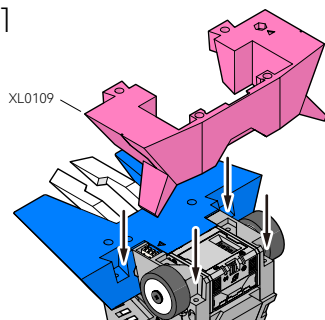
红色标注为螺丝孔位示意
安装螺丝后可以关闭核心舱电源

7-4



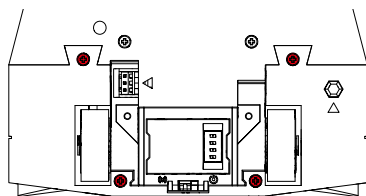
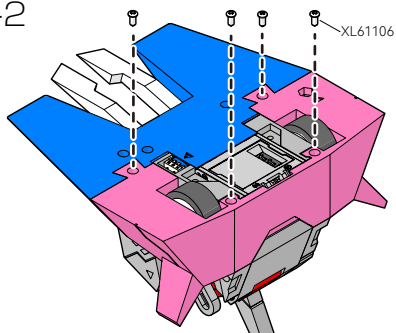
保证XL61210螺丝可以在红色槽内有间隙
可以顺滑地滑动,否则无法正常使用

8-1



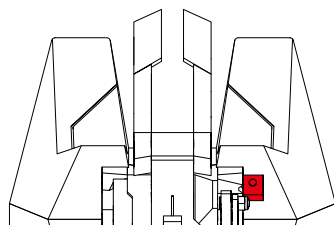
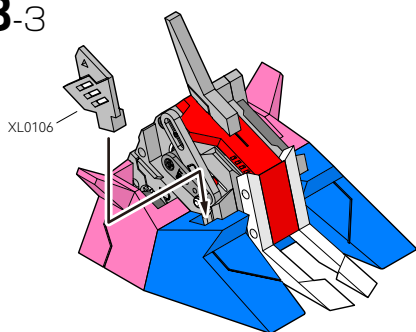
红色标注为安装的轮档

8-2



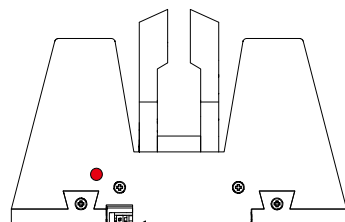
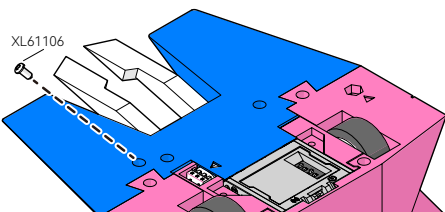
红色标注为螺丝孔位示意

8-3



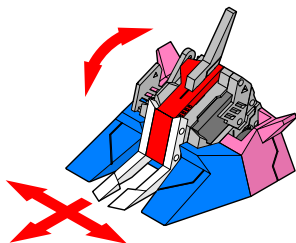
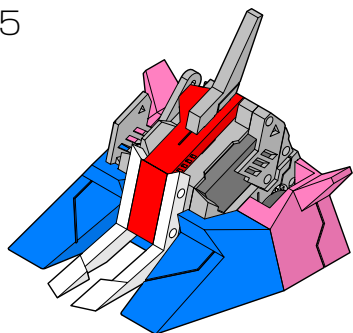
红色标注为零件插入孔

8-4

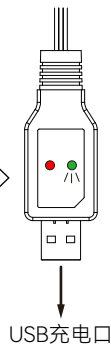
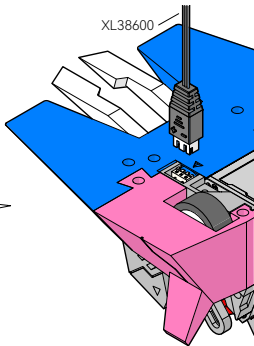
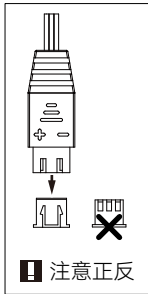


红色标注为螺丝孔位示意

8-5



9-1



充电口插入机器人平衡充电头后开始充电。

- 红灯长亮即充电器已通电可以进行充电。
- 绿灯闪烁表示电池正常充电，且未充满电。
- 绿灯呈现长亮状态表示电池已经充满电量。

⚠ 禁止使用其他充电线为机器人充电，其他设备造成的安全事故品牌方概不负责。