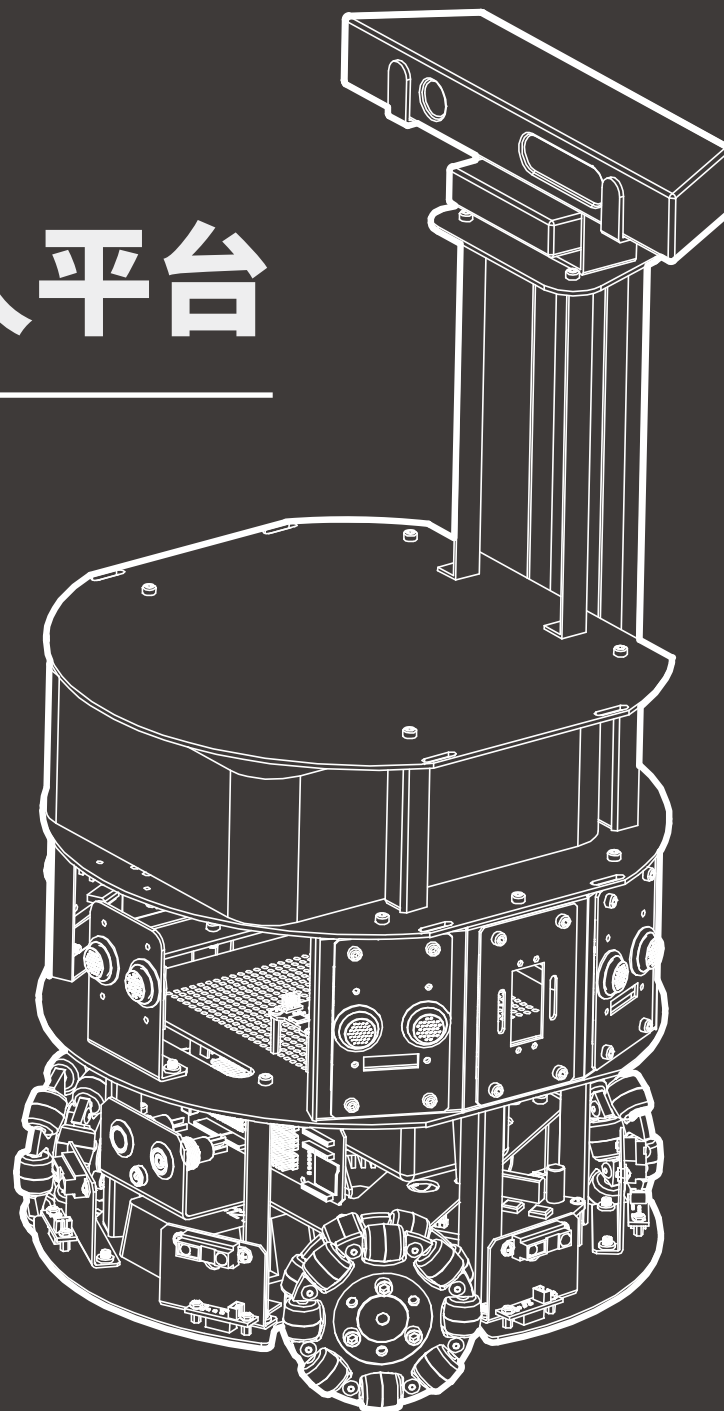
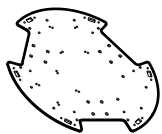


# HCR-全向移动机器人平台

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基础配件



A1 x1



A2 x3



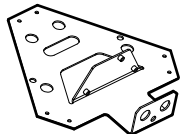
A3 x3



A4 x3



A5 x6



A6 x1



A7 x2



A8 x1



A9 x1



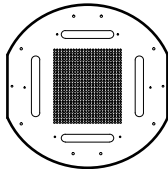
A10 x1



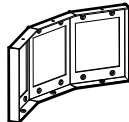
A11 x1



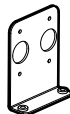
A12 x6



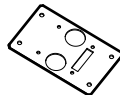
A13 x1



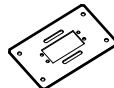
A14 x2



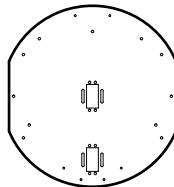
A15 x2



A16 x4



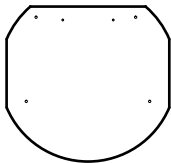
A17 x2



A18 x1



A19 x4



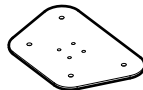
A20 x1



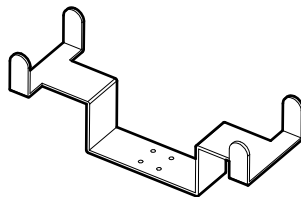
A21 x2



A22 x2



A23 x1



A24 x1



**B1** x72

M3x6mm  
圆头螺钉



**B2** x96

M4x10mm  
内六角螺钉



**B3** x3

M4  
螺母



**B4** x8

M5x12mm  
圆头螺钉



**B5** x12

M6x12mm  
内六角螺钉



**B6** x12

M6  
平垫



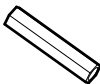
**B7** x12

M6  
弹垫



**B8** x12

M6  
螺母



**B9** x4

M3x20mm  
双通铜柱



**B10** x12

M3x6mm  
单通铜柱



**B11** x22

M3  
螺母



**B12** x8

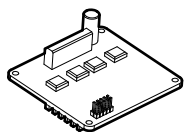
M3  
尼龙平垫



**B13** x10

M3x22mm  
圆头螺钉

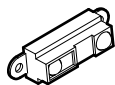
## 可选配件



**C1** x2



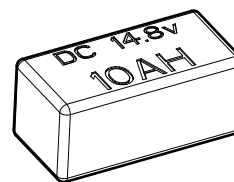
**C2** x1



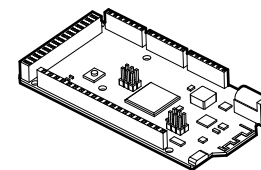
**C3** x6



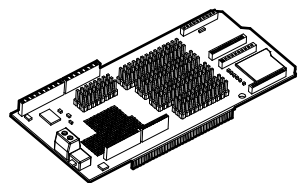
**C4** x6



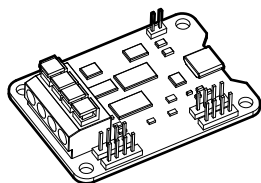
**C5** x1



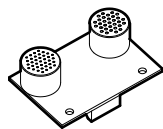
**C6** x1



**C7** x1



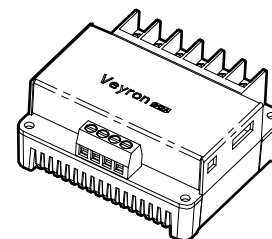
**C8** x1



**C9** x6



**C10** x12

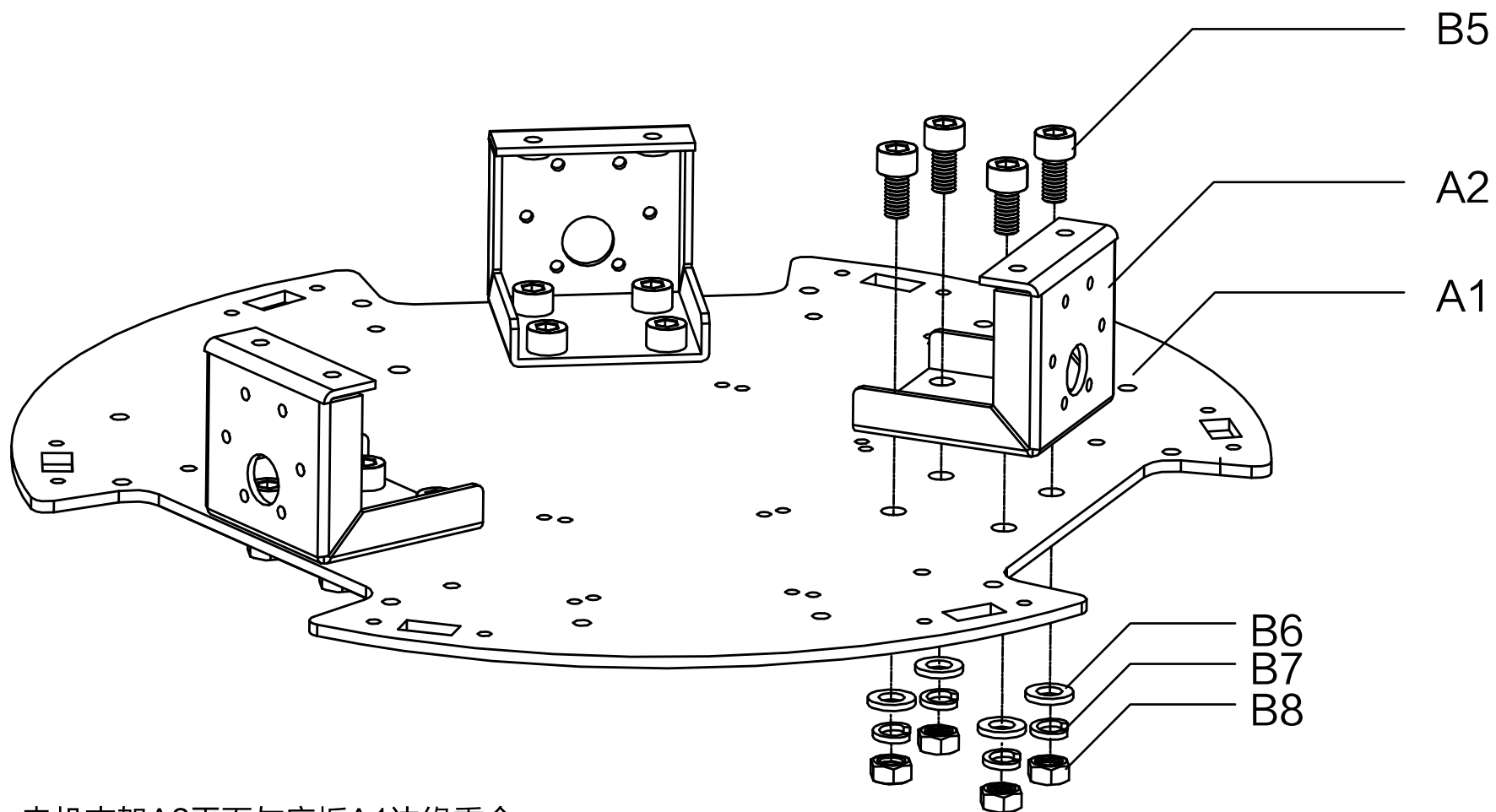


**A11** x2

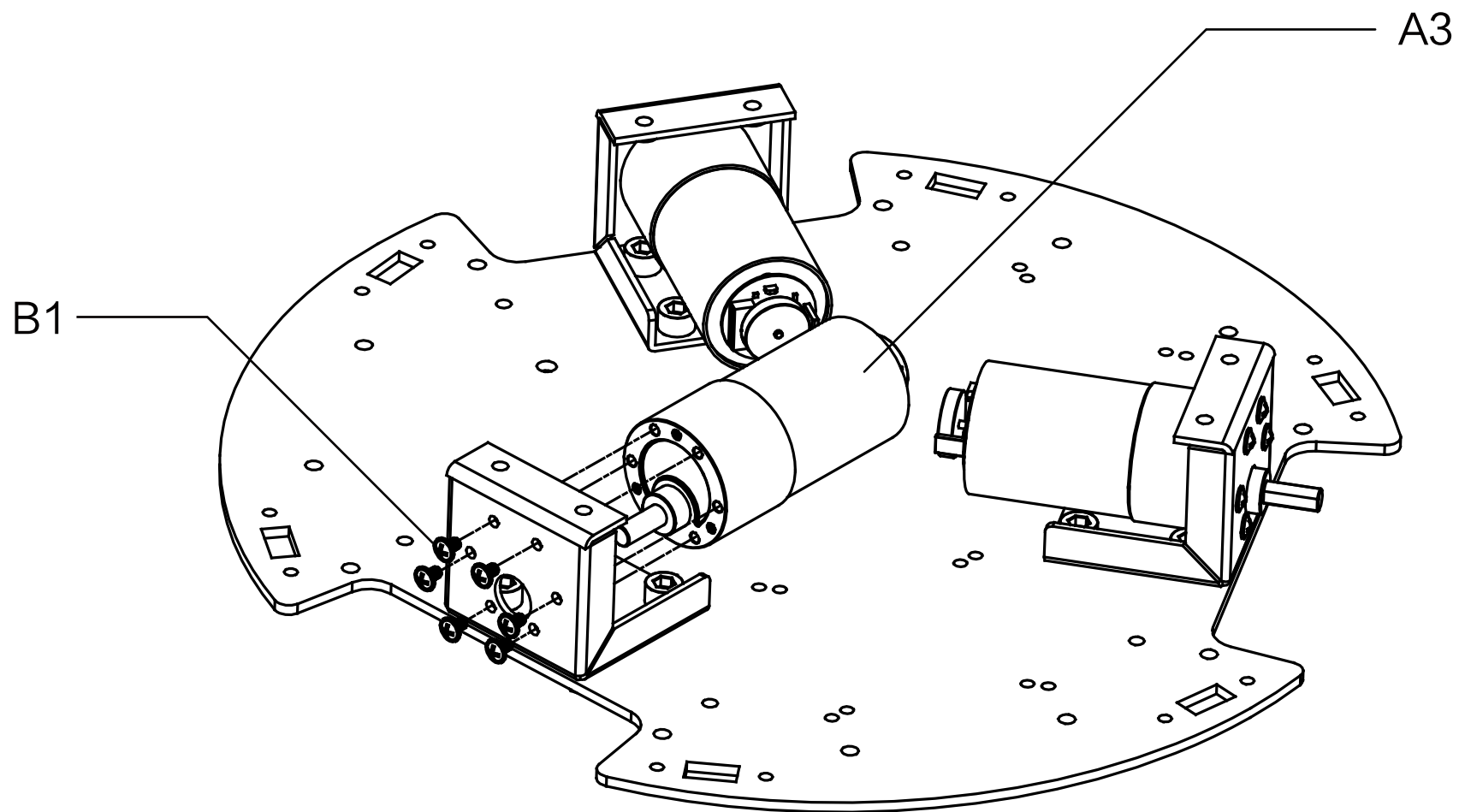
|      |       |      |         |
|------|-------|------|---------|
| 已配工具 | 内六角扳手 | 开口扳手 | 小号两用螺丝刀 |
| 选购工具 | 电烙铁   | 拔线钳  | 尖嘴钳     |

## 1

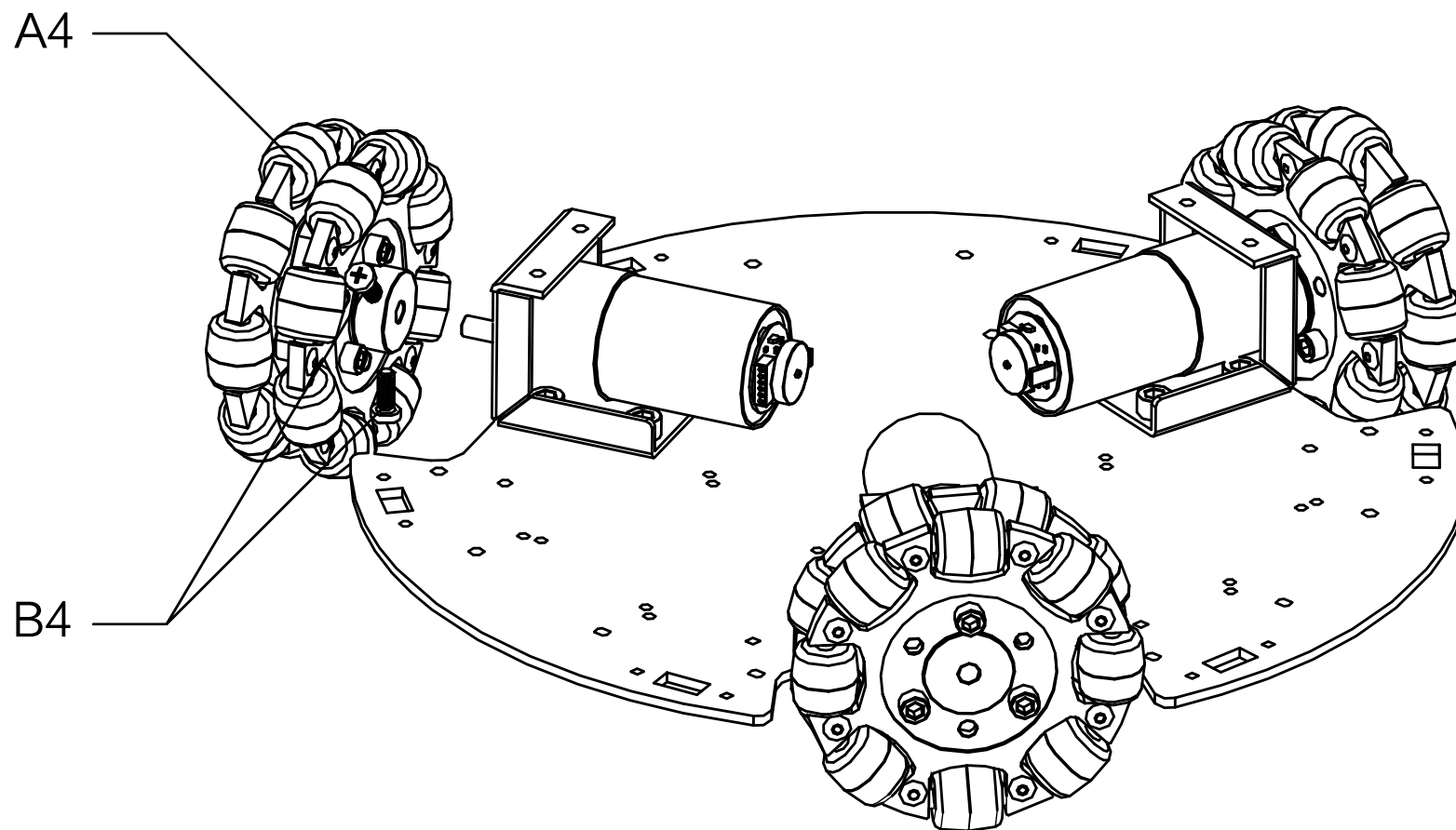
## 安装电机支架



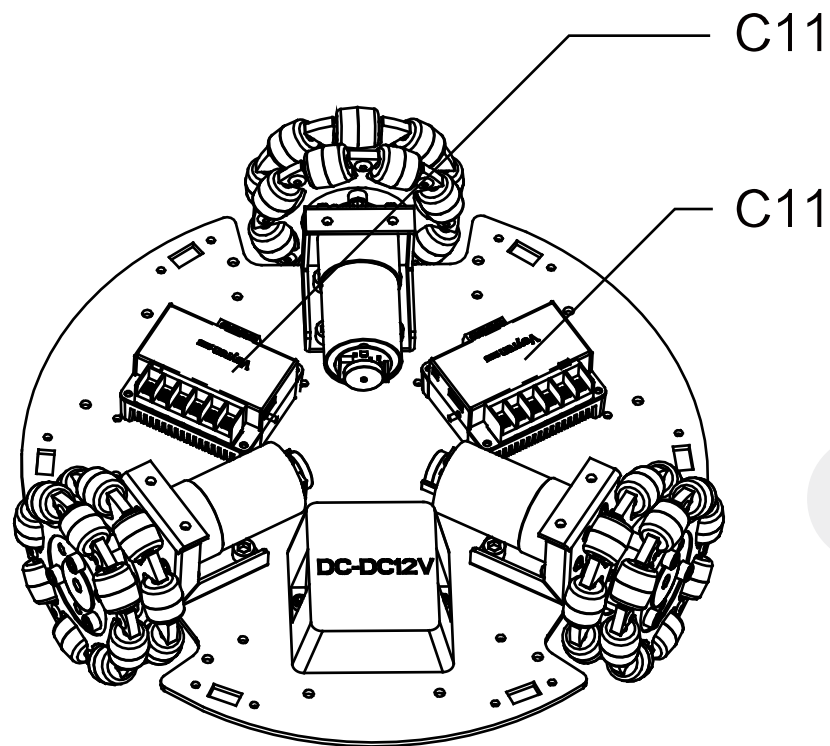
电机支架A2平面与底板A1边缘重合，  
以确保A6能在后续步骤中能被顺利安装。



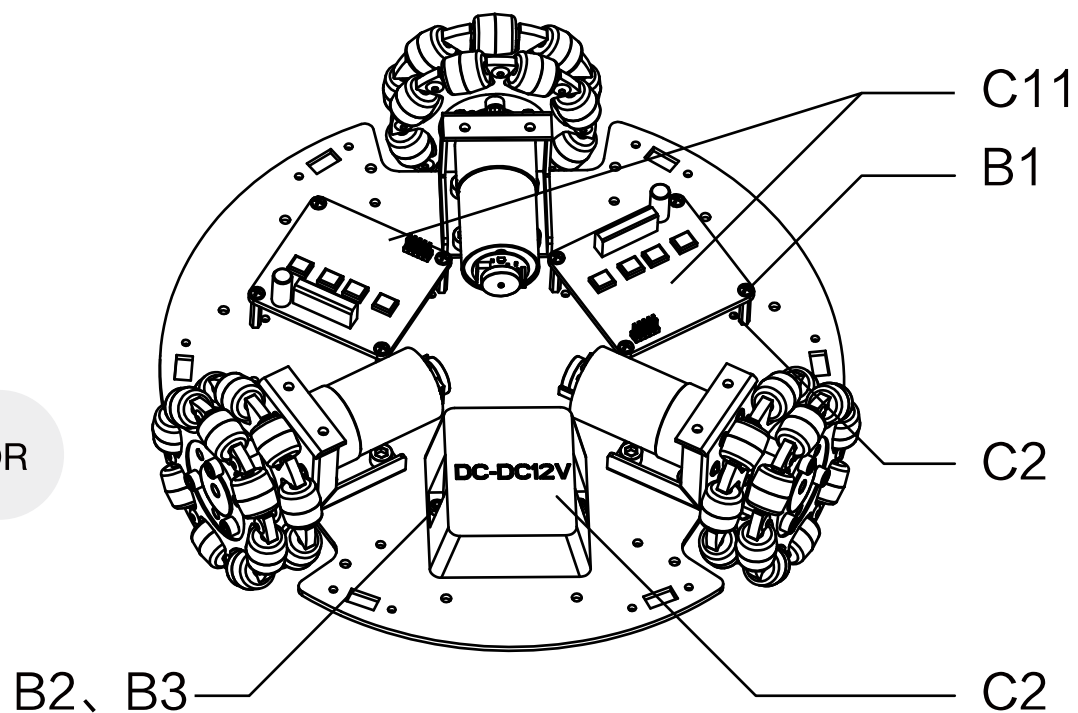
### 3 安装全向轮





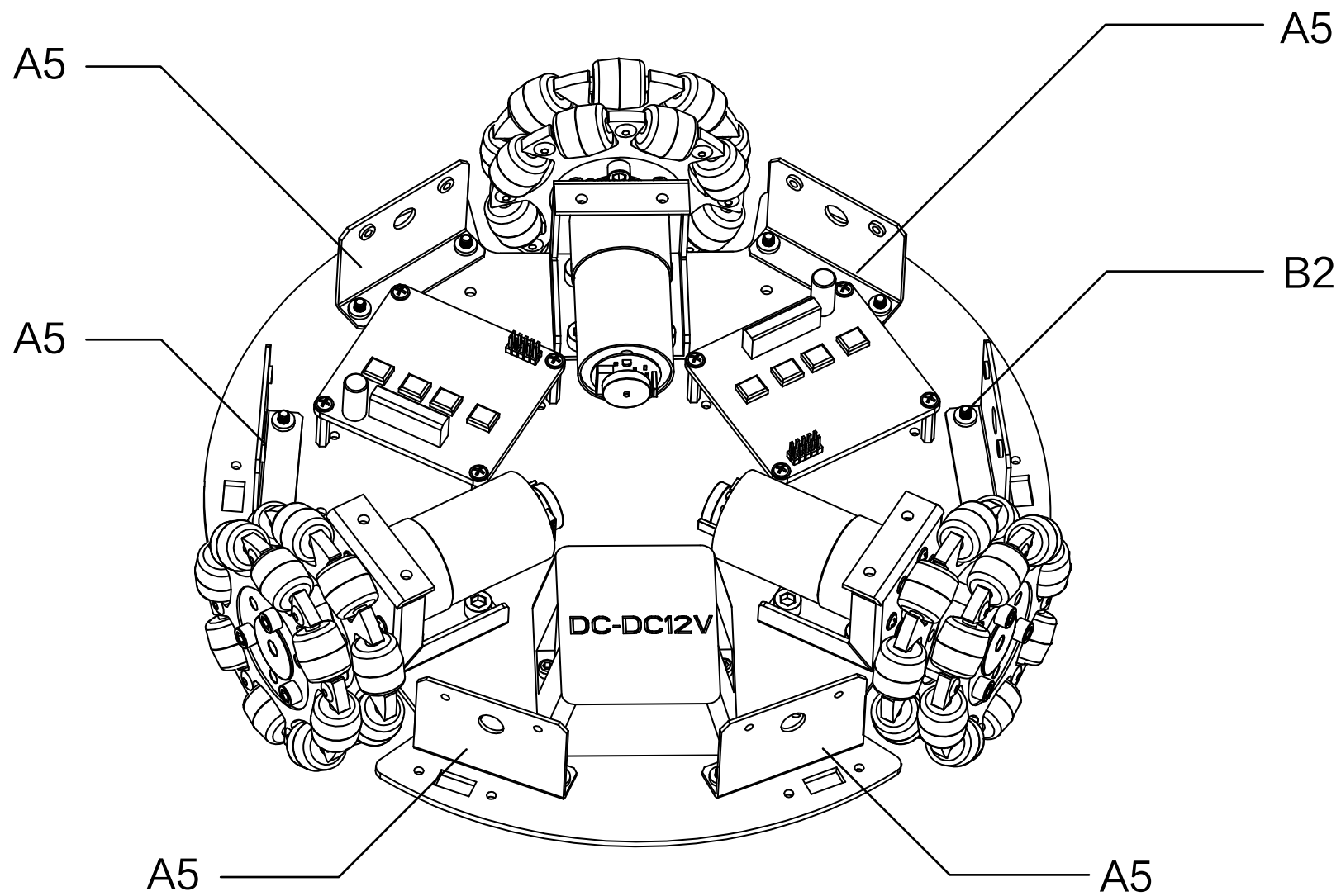


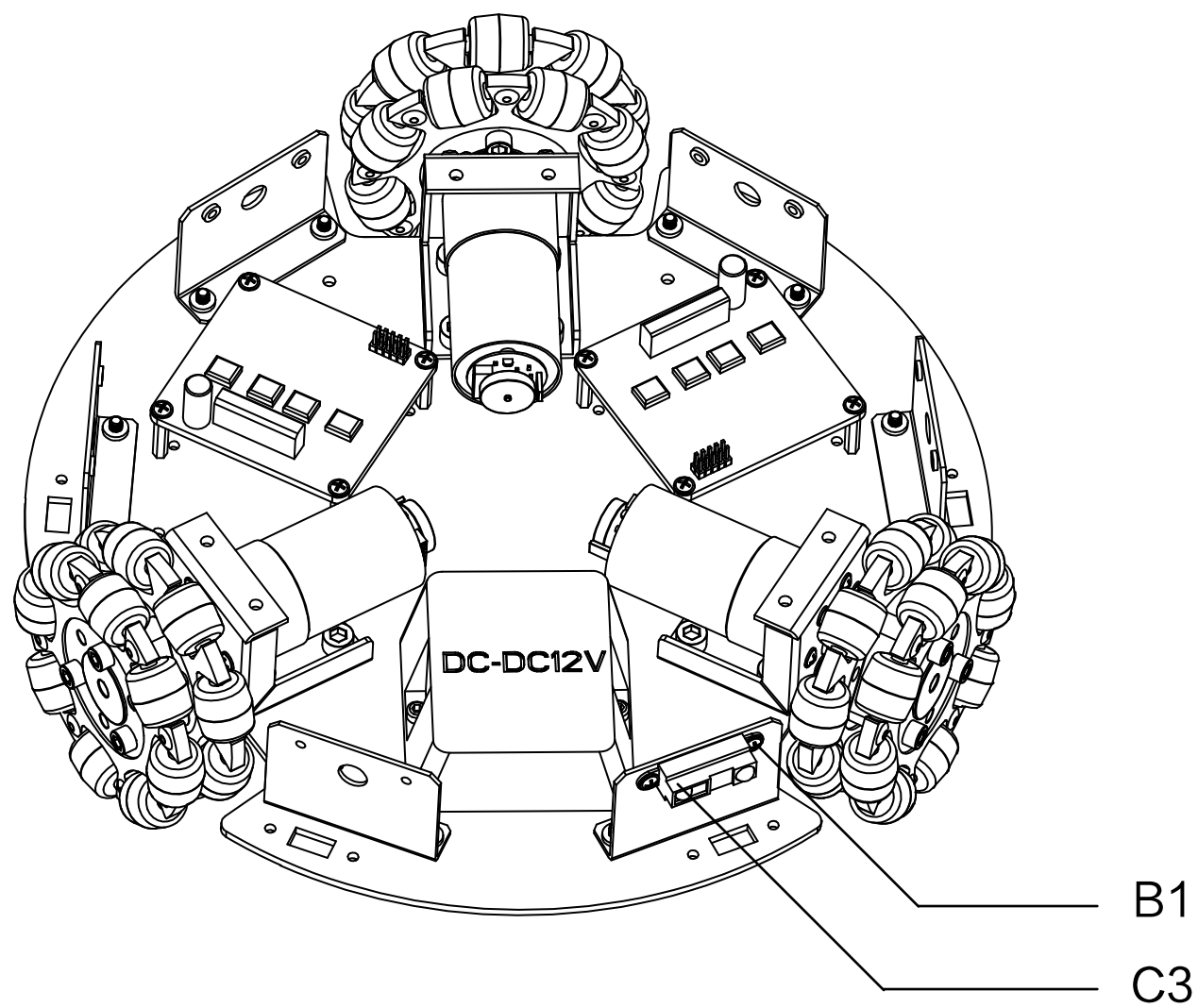
OR



C11(威龙12A电机驱动器)  
使用M3×22mm螺钉(B13)及M3螺帽（B3)固定

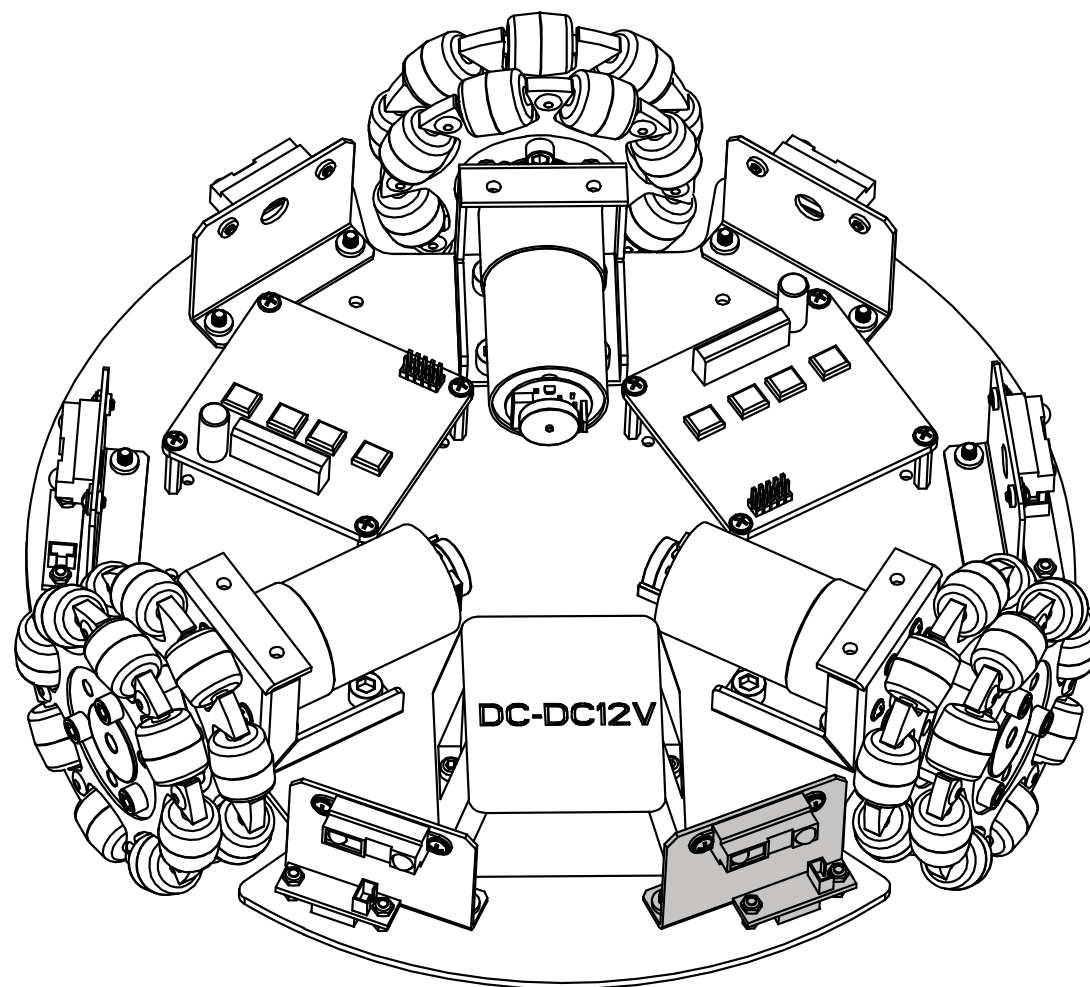
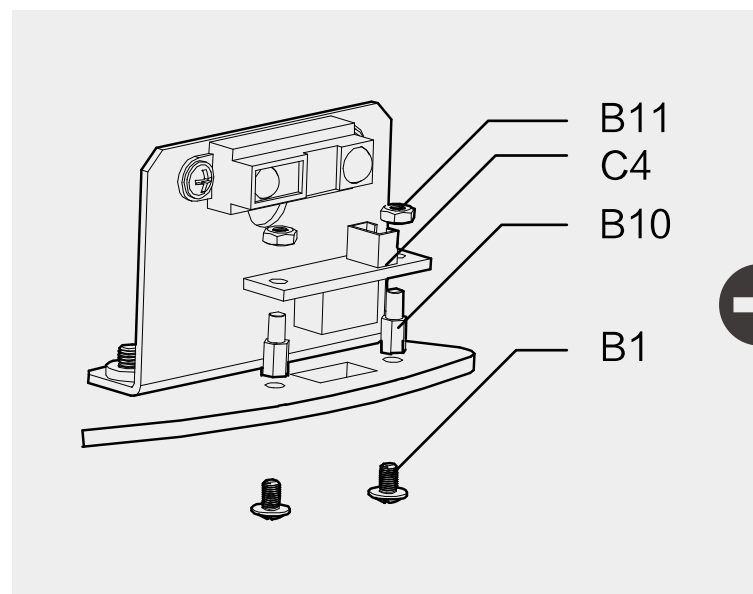
B1(铜柱两头均使用M3×6螺钉连接)  
B2、B3（底板背面用M4螺帽固定）

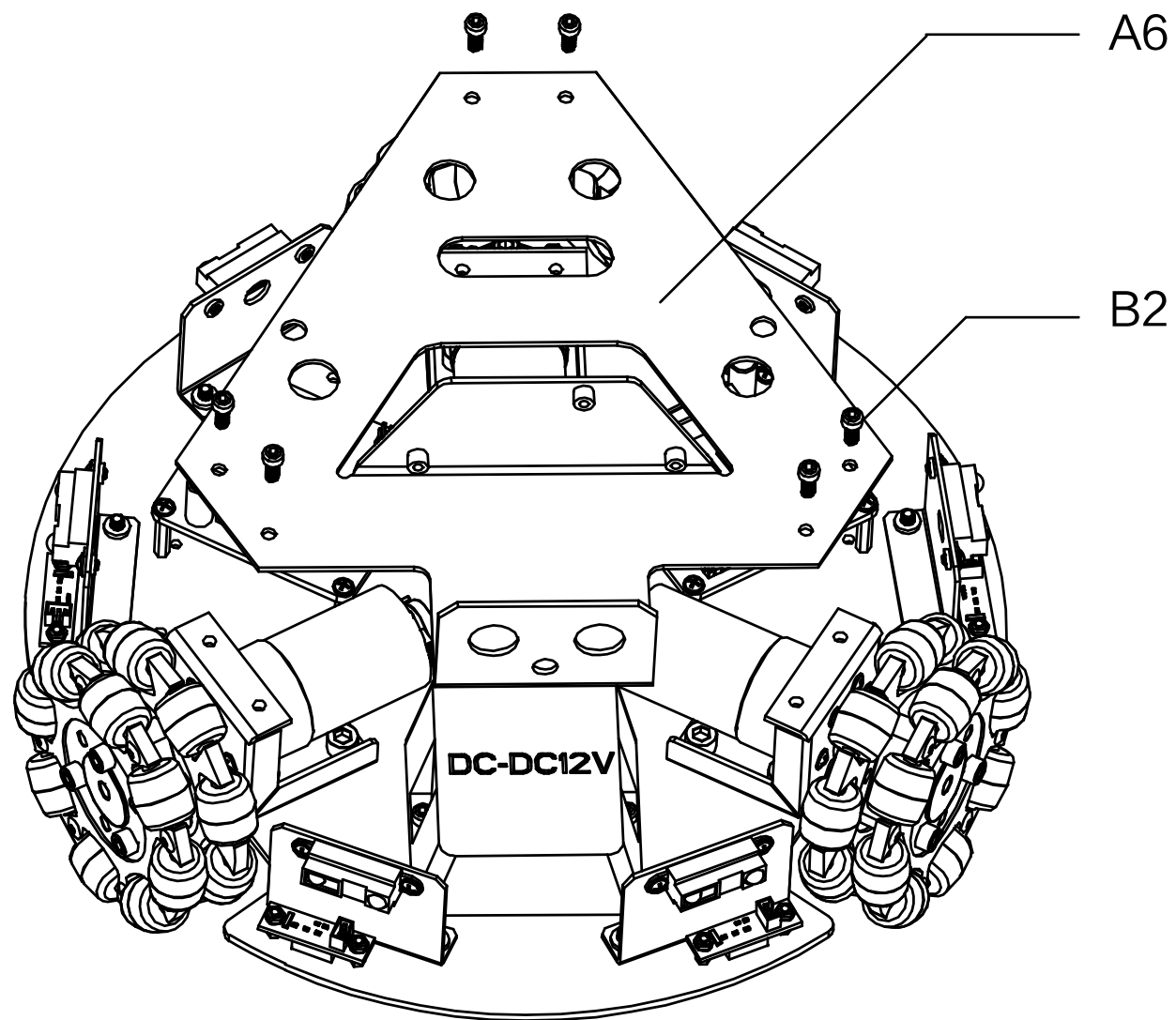




## 7

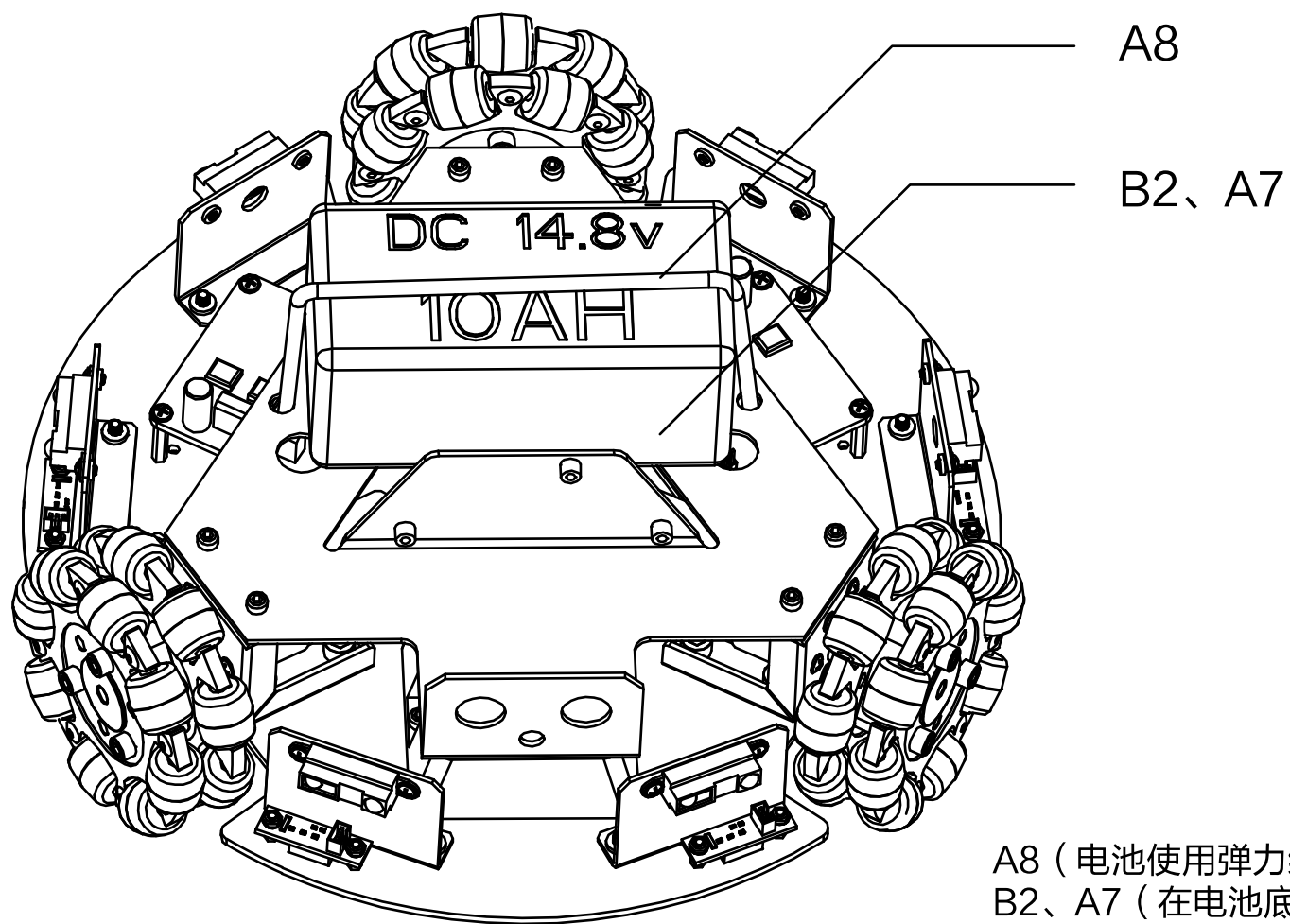
## 安装防跌落传感器（可选配件）





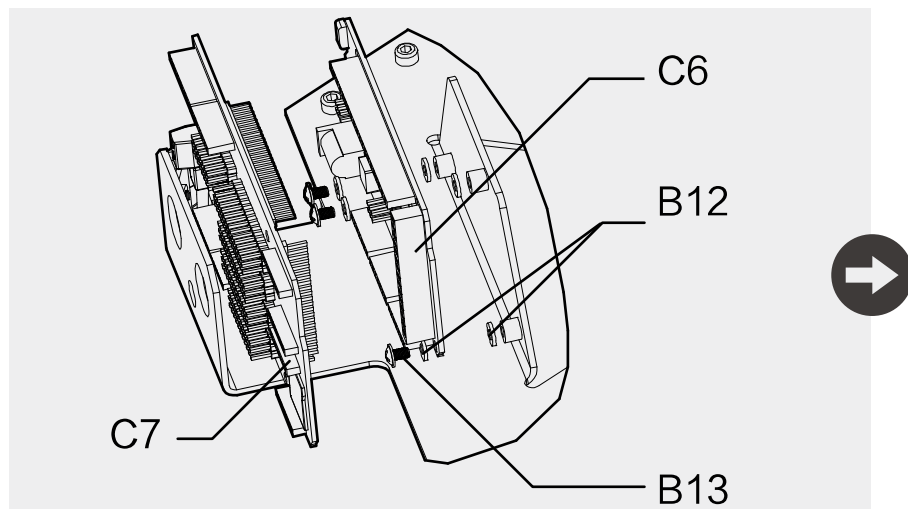
## 9

## 安装锂电池（可选配件）

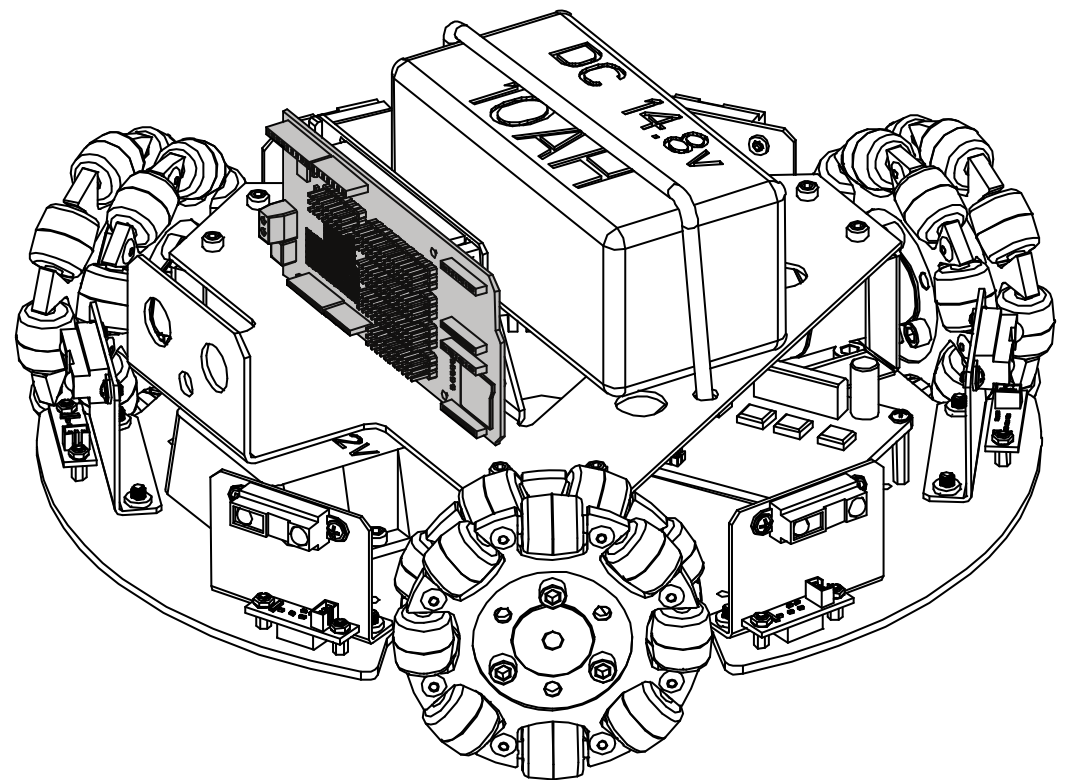


A8（电池使用弹力绳绑扎）

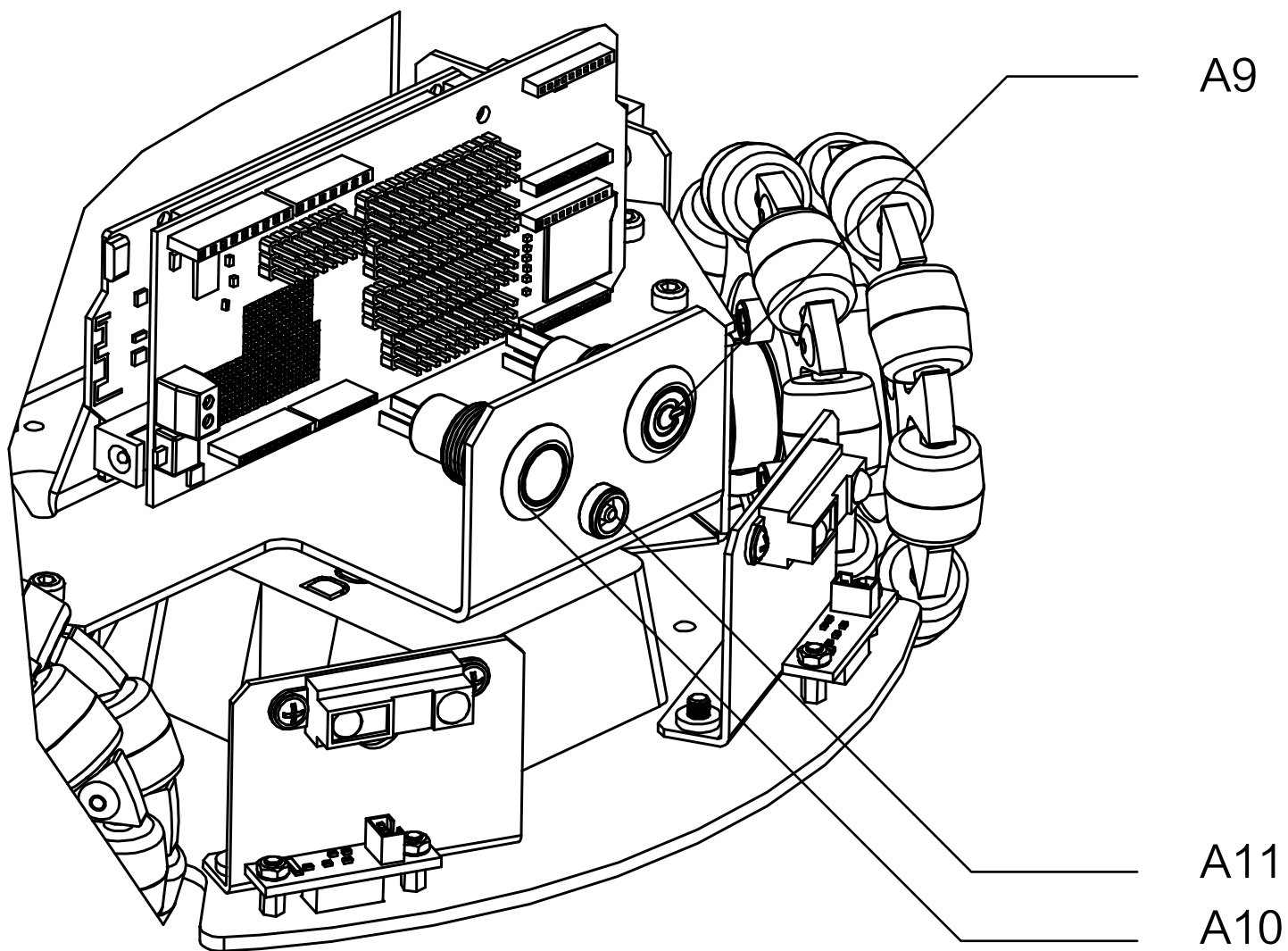
B2、A7（在电池底部和安装板上分别贴上魔术粘）



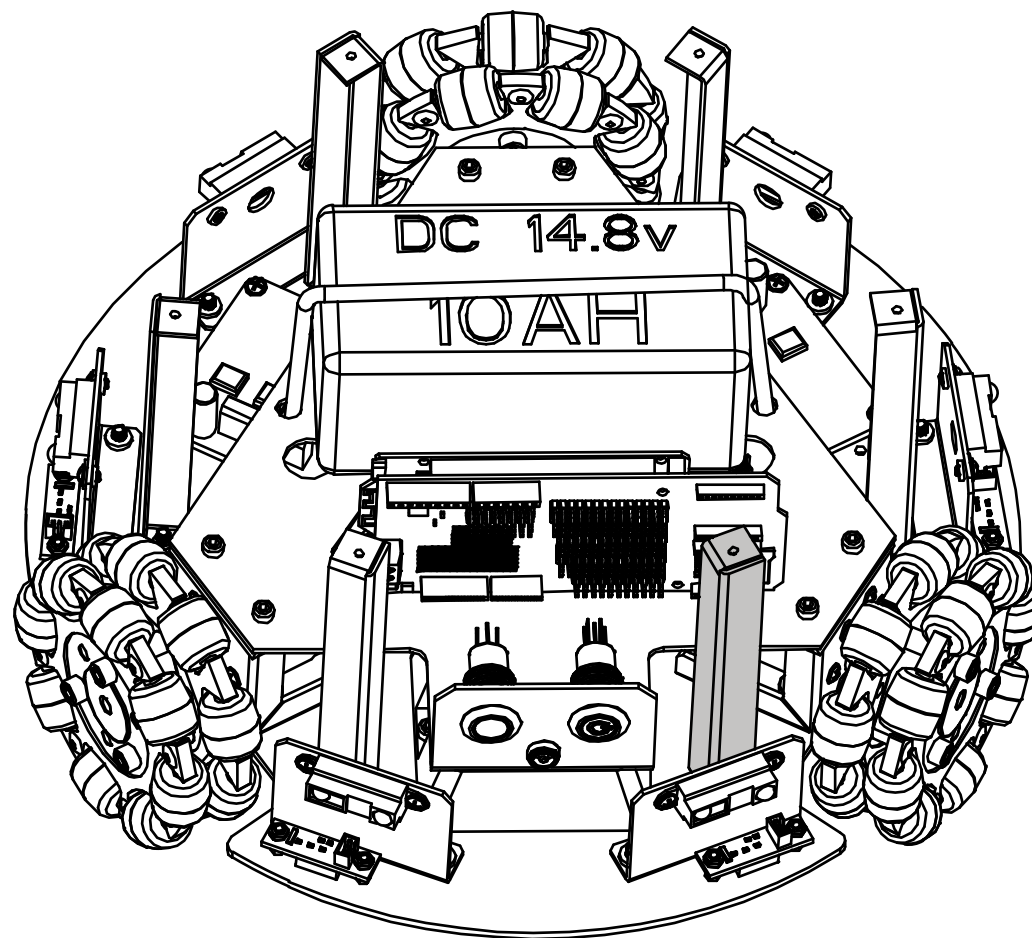
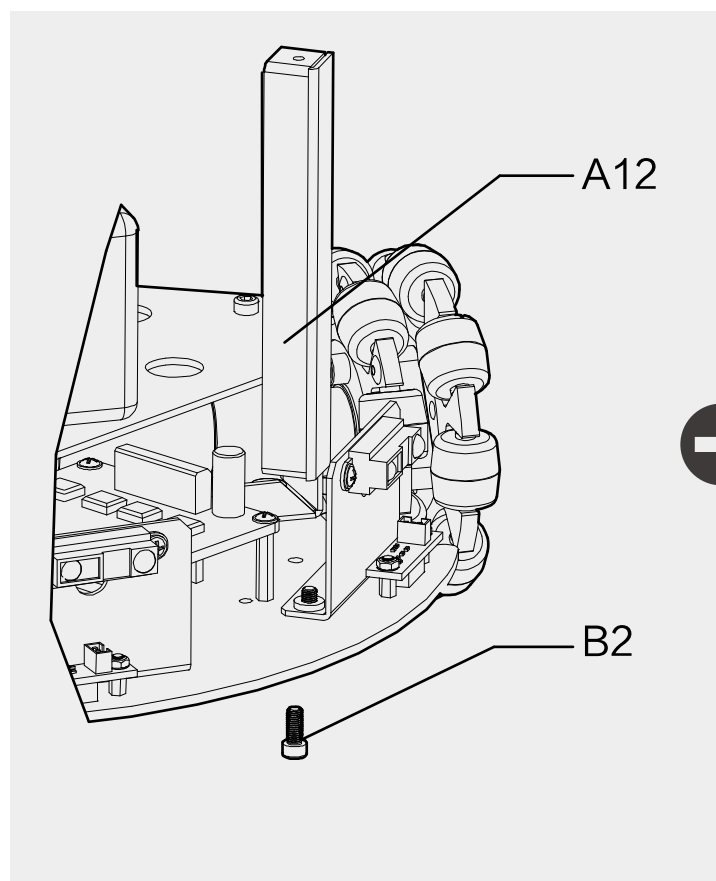
B12 (控制板两面均需垫尼龙片，防止损坏控制板)



## 11 安装开关及插座

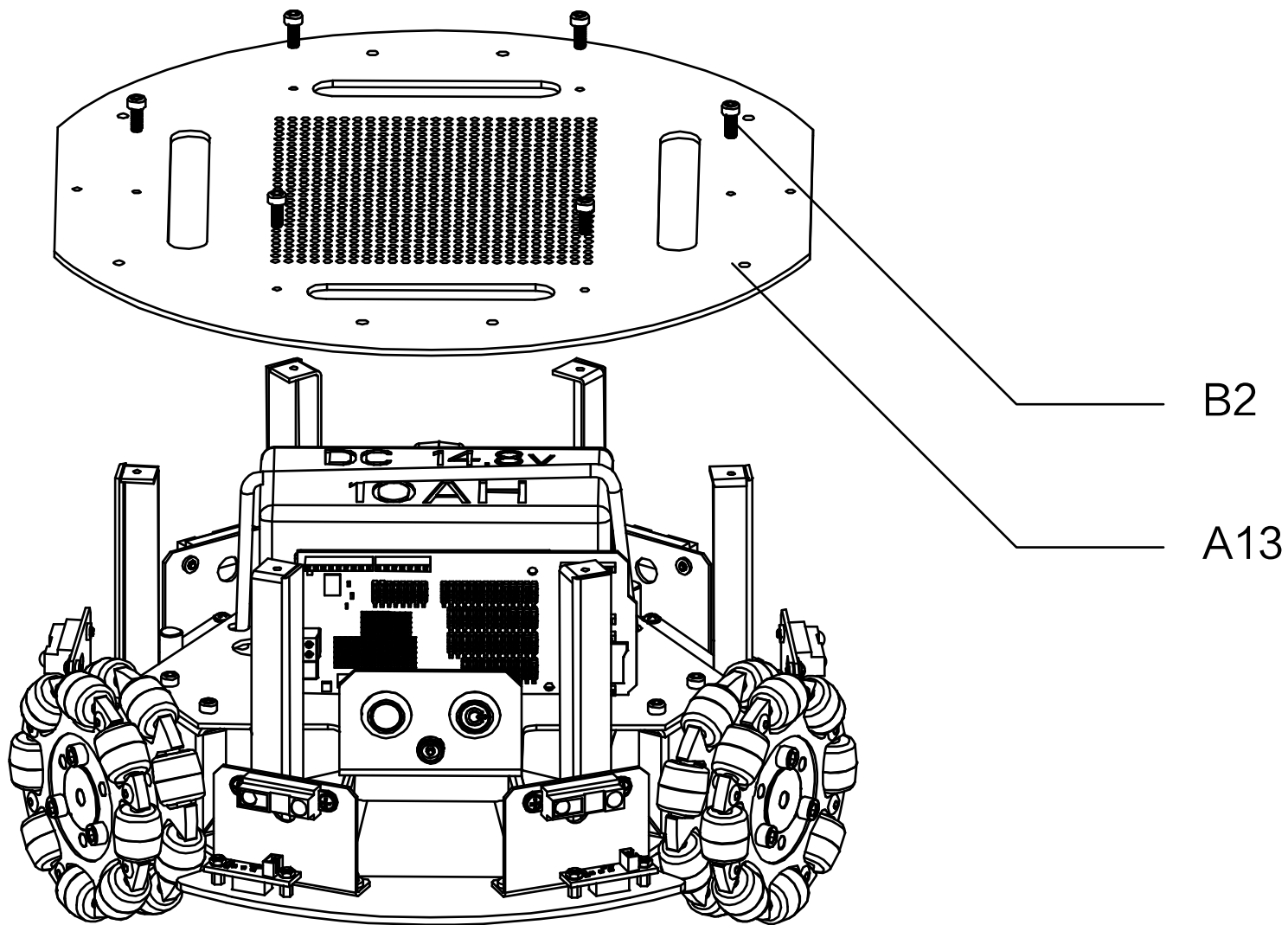


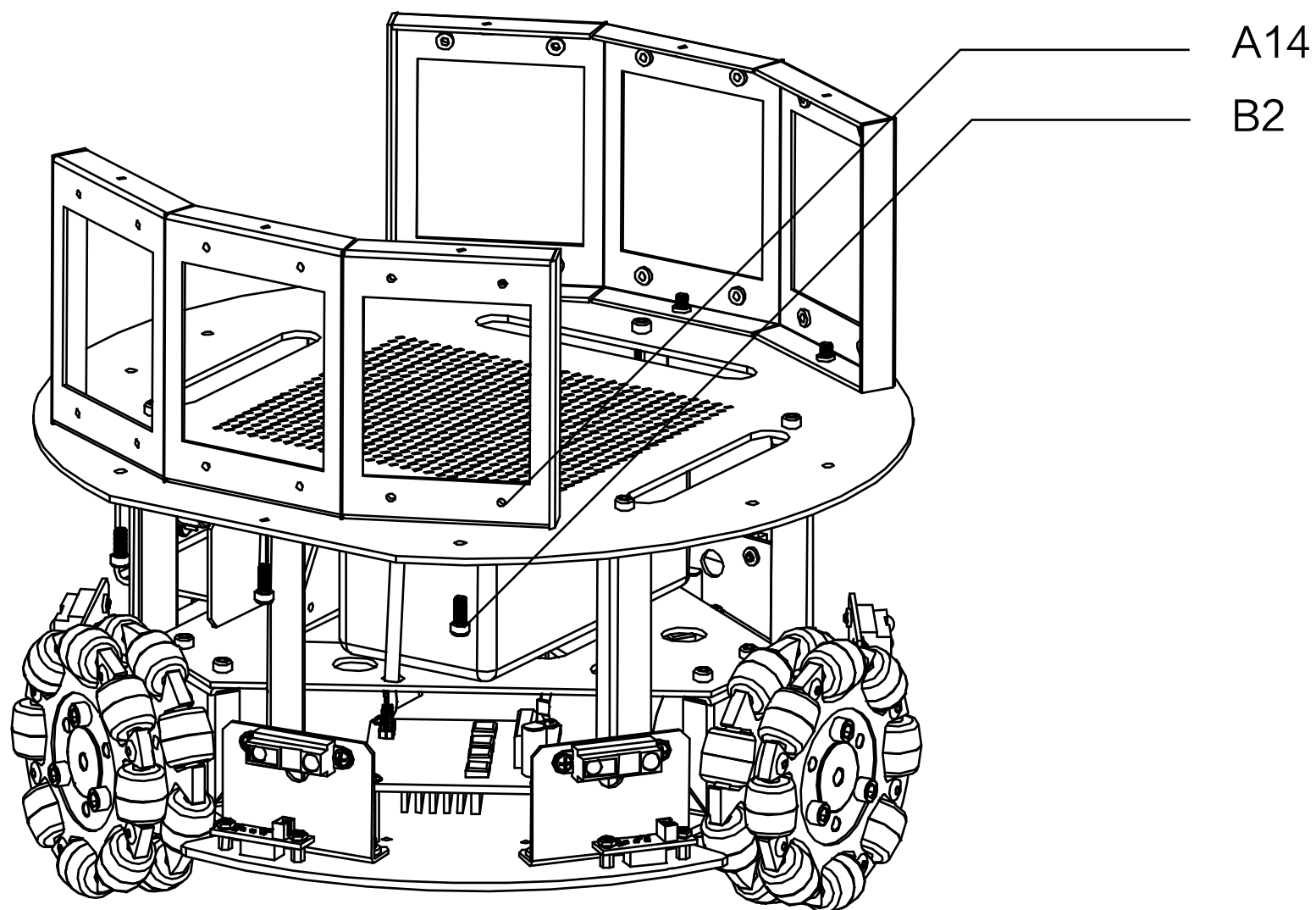




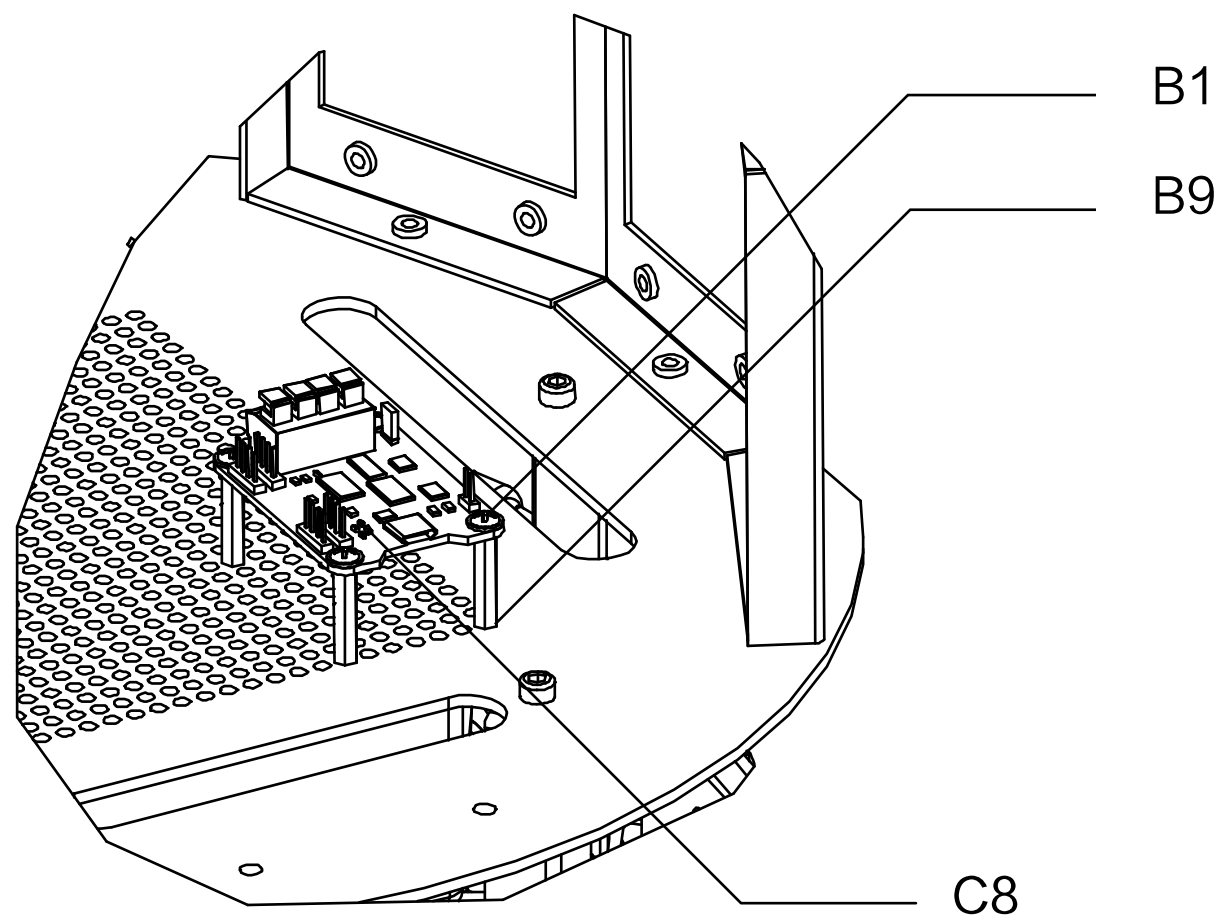
在安装HCR的后续机械部分之前，请先完成必要的电子部件的连接与安装。

## 13 安装中层板

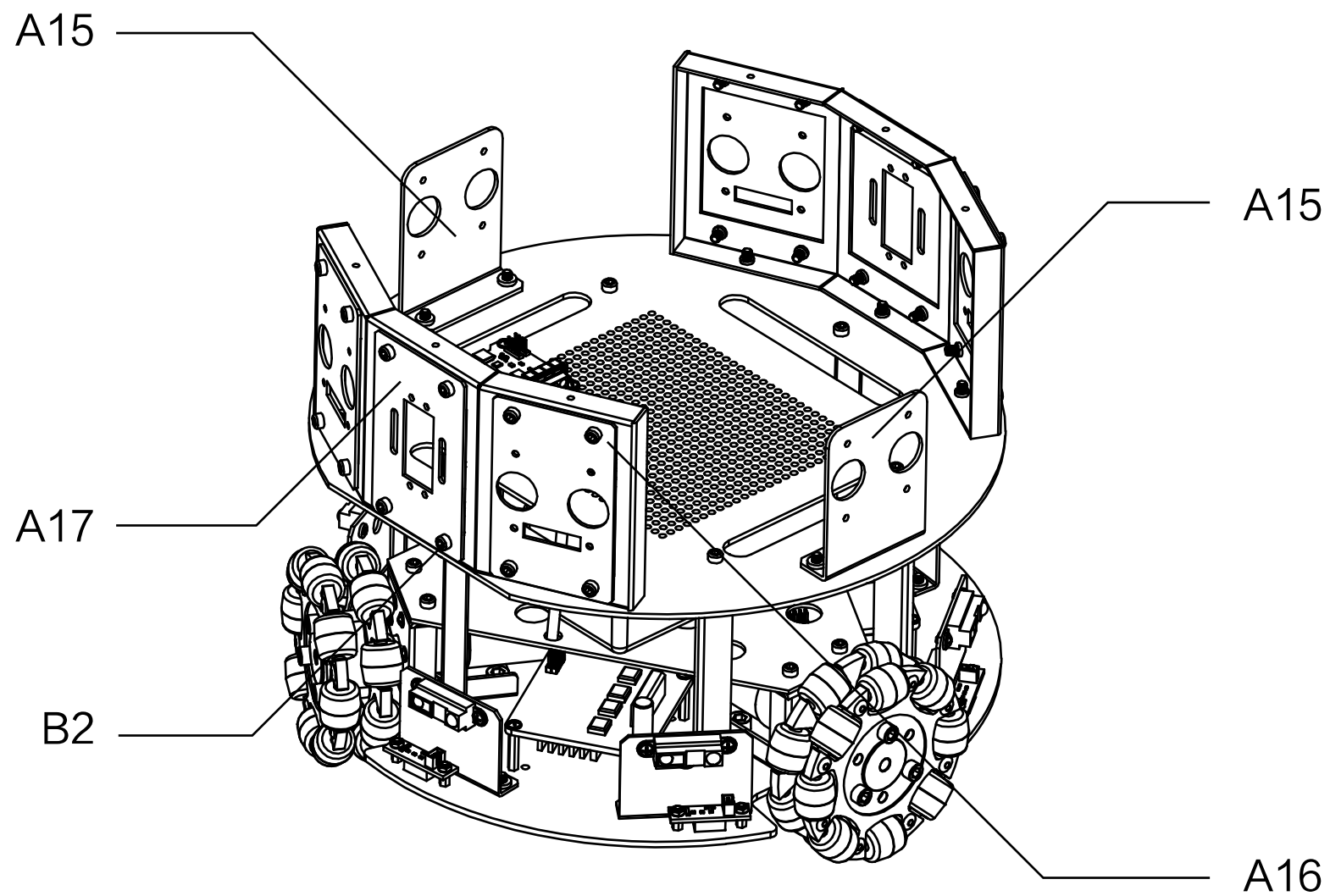




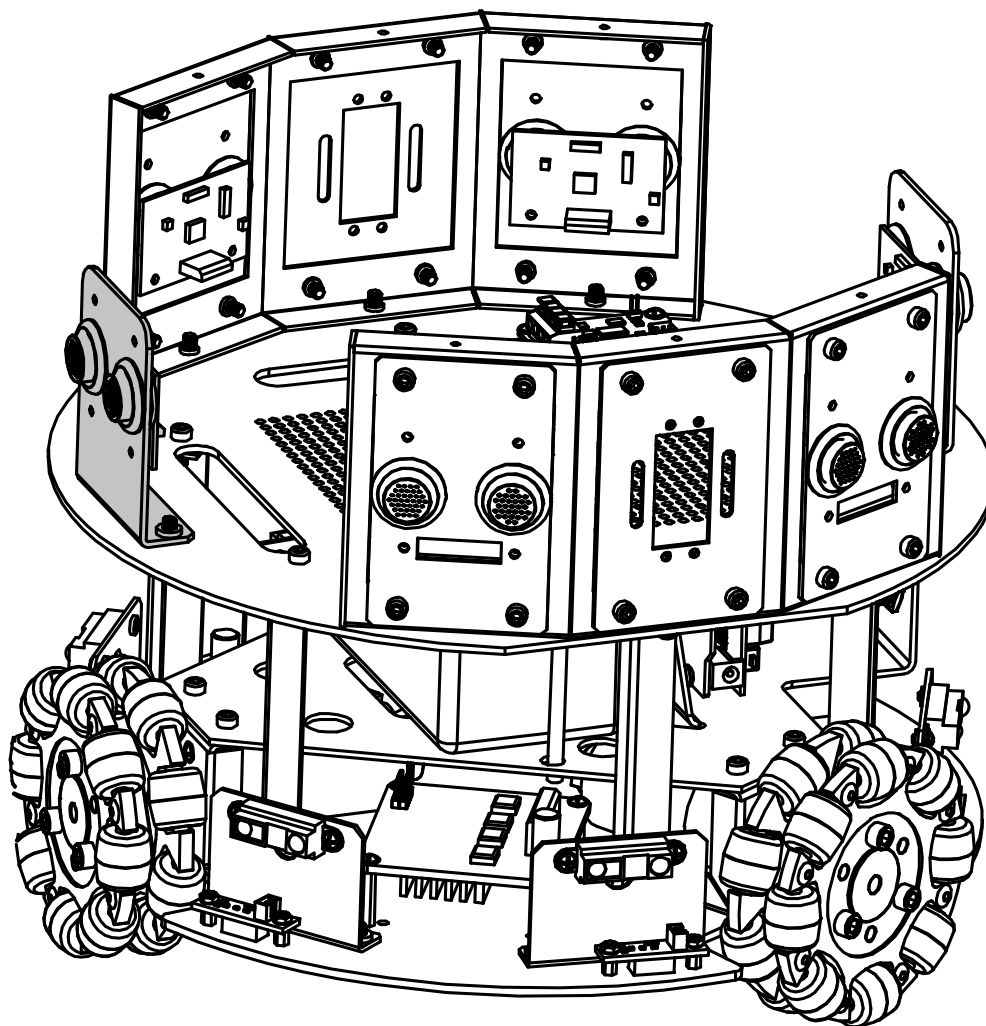
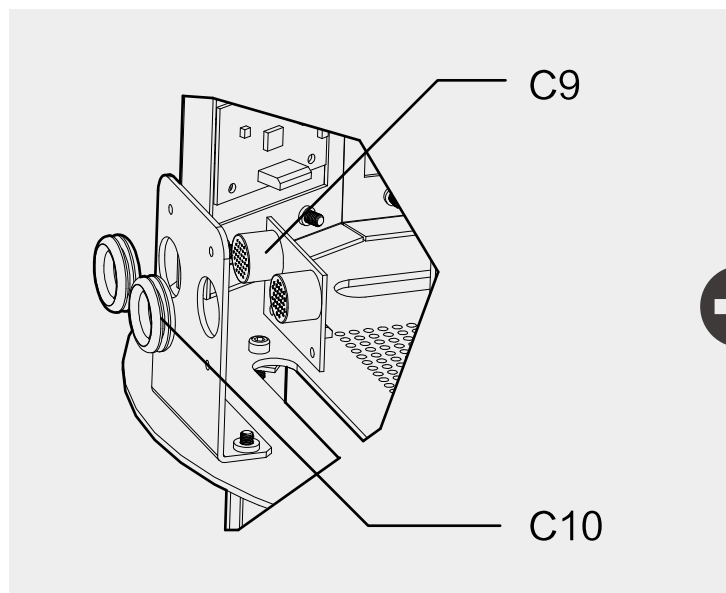
## 15 安装TTL/485转换板（可选配件）

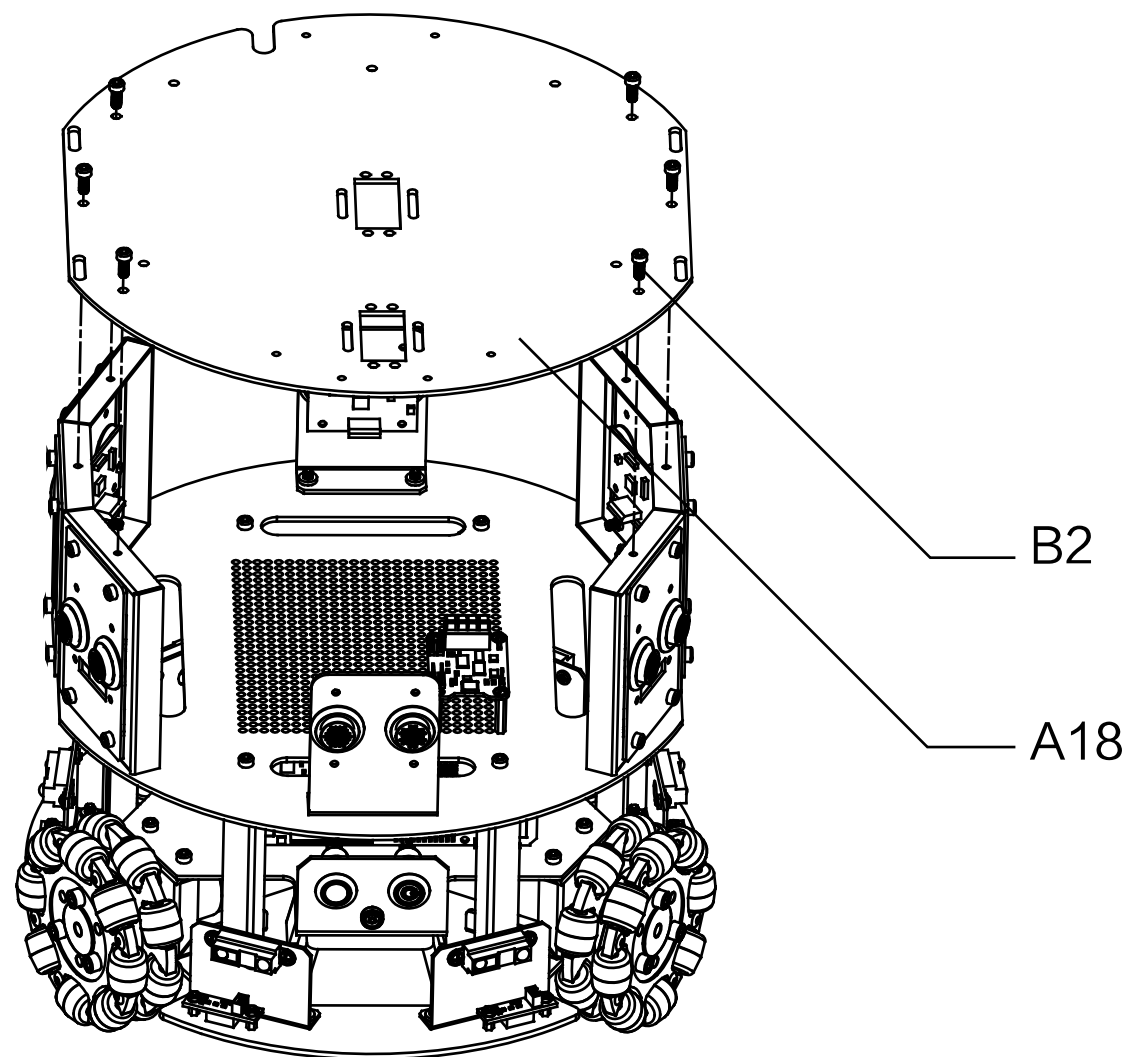


B1(铜柱上下均用此螺钉固定)

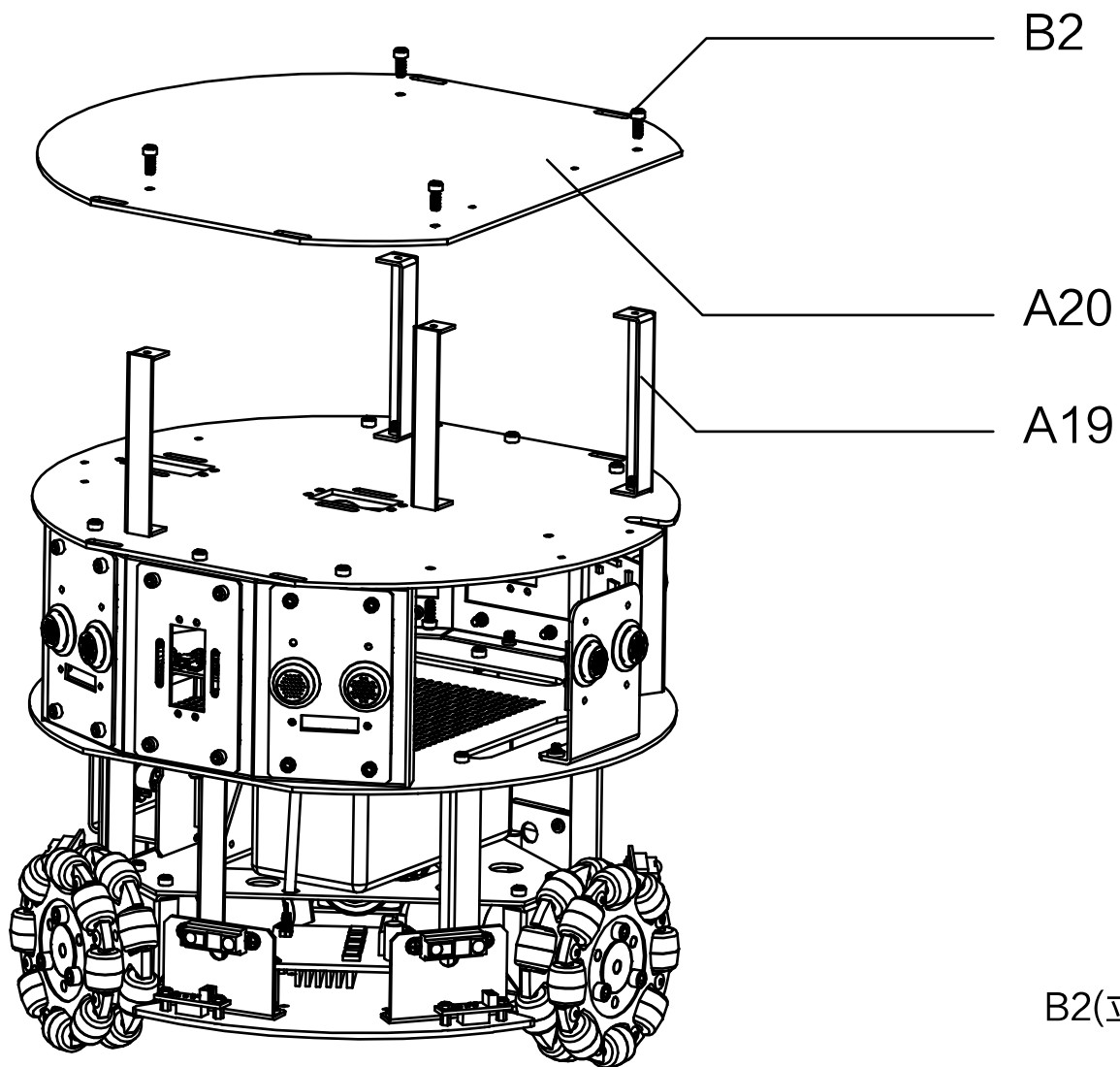


## 17 安装超声波传感器（可选配件）



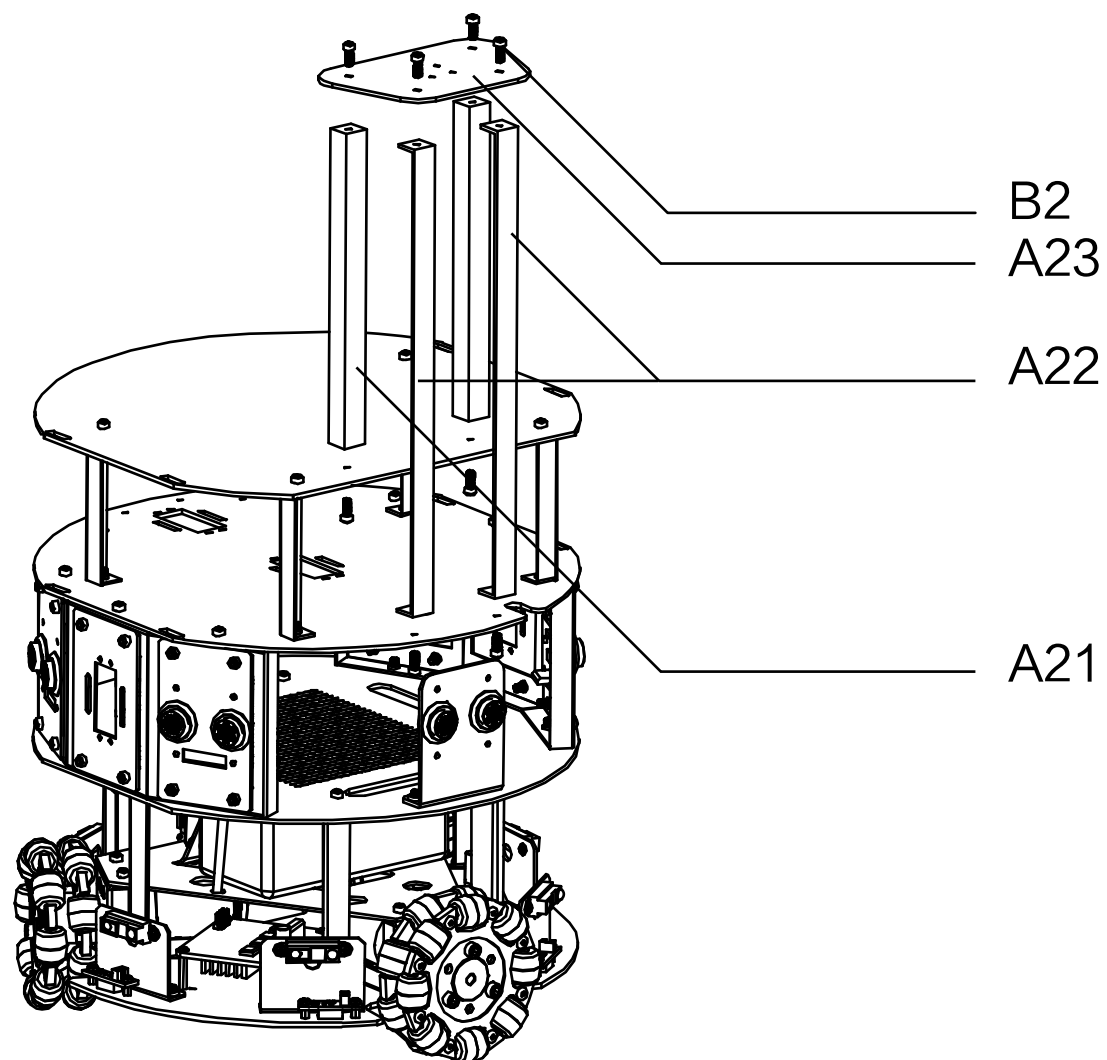


## 19 安装9cm立柱及顶板01

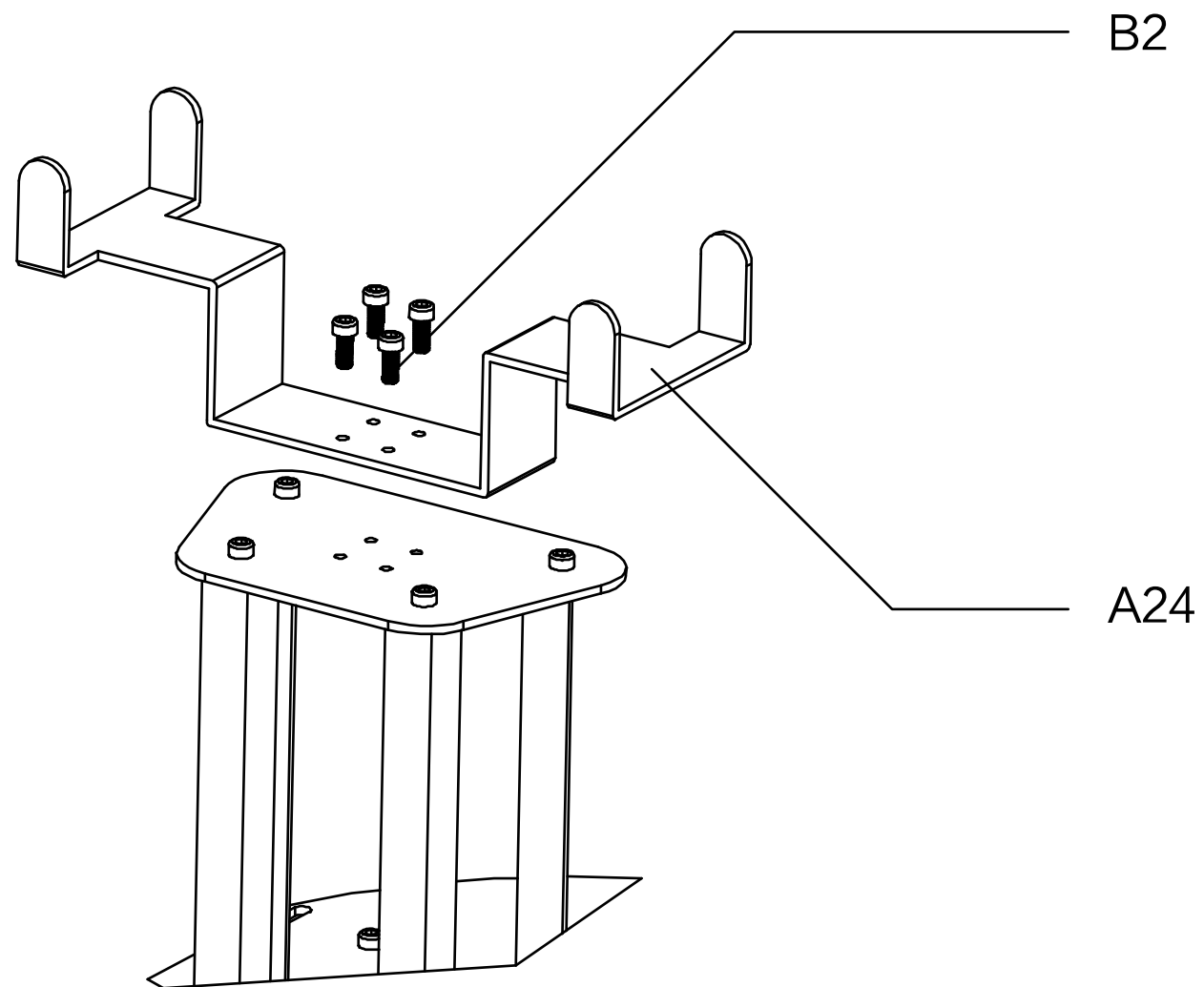


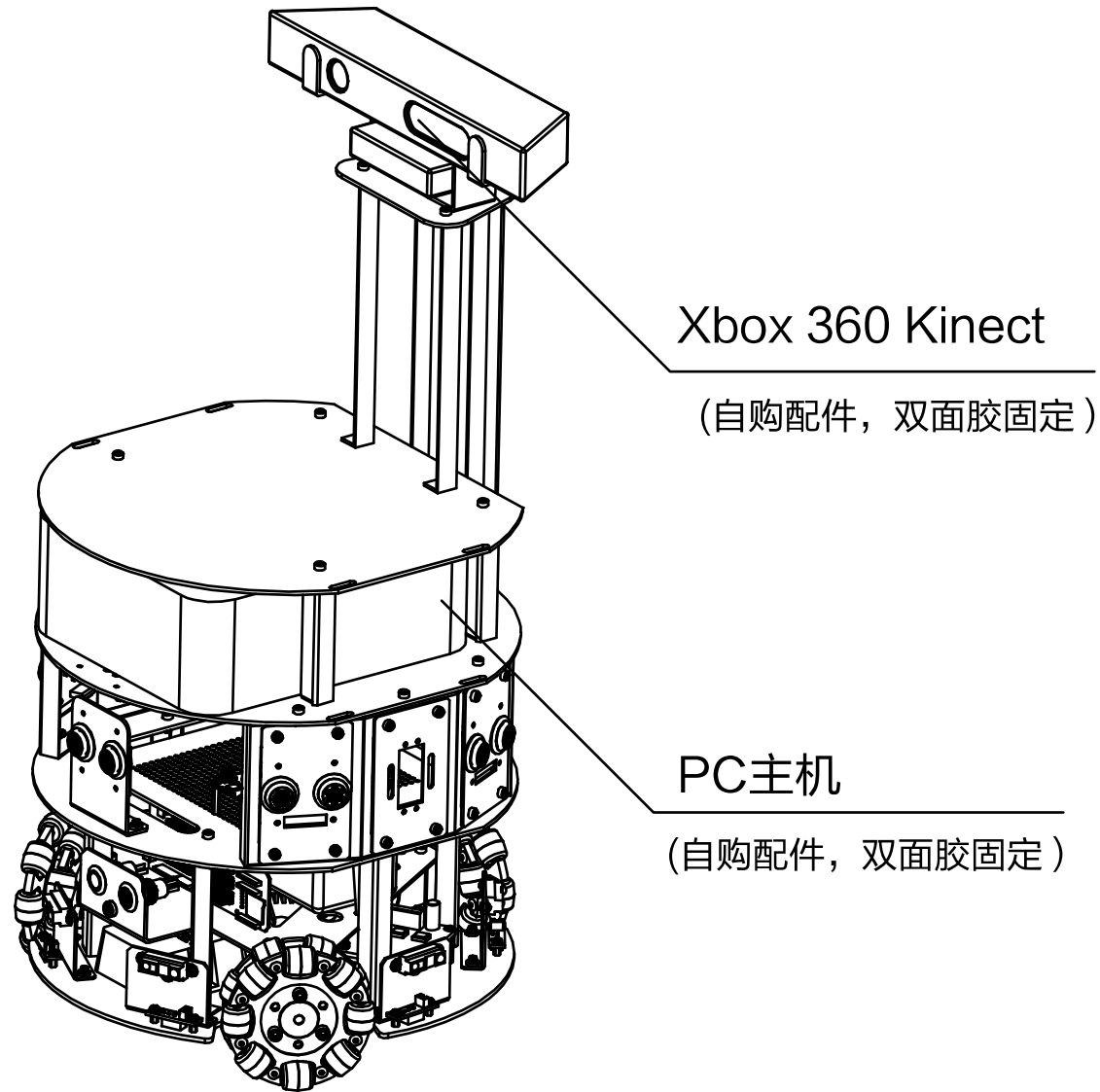
B2(立柱上下均用M4 × 10螺钉固定)





## 21 安装kinect支架02





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