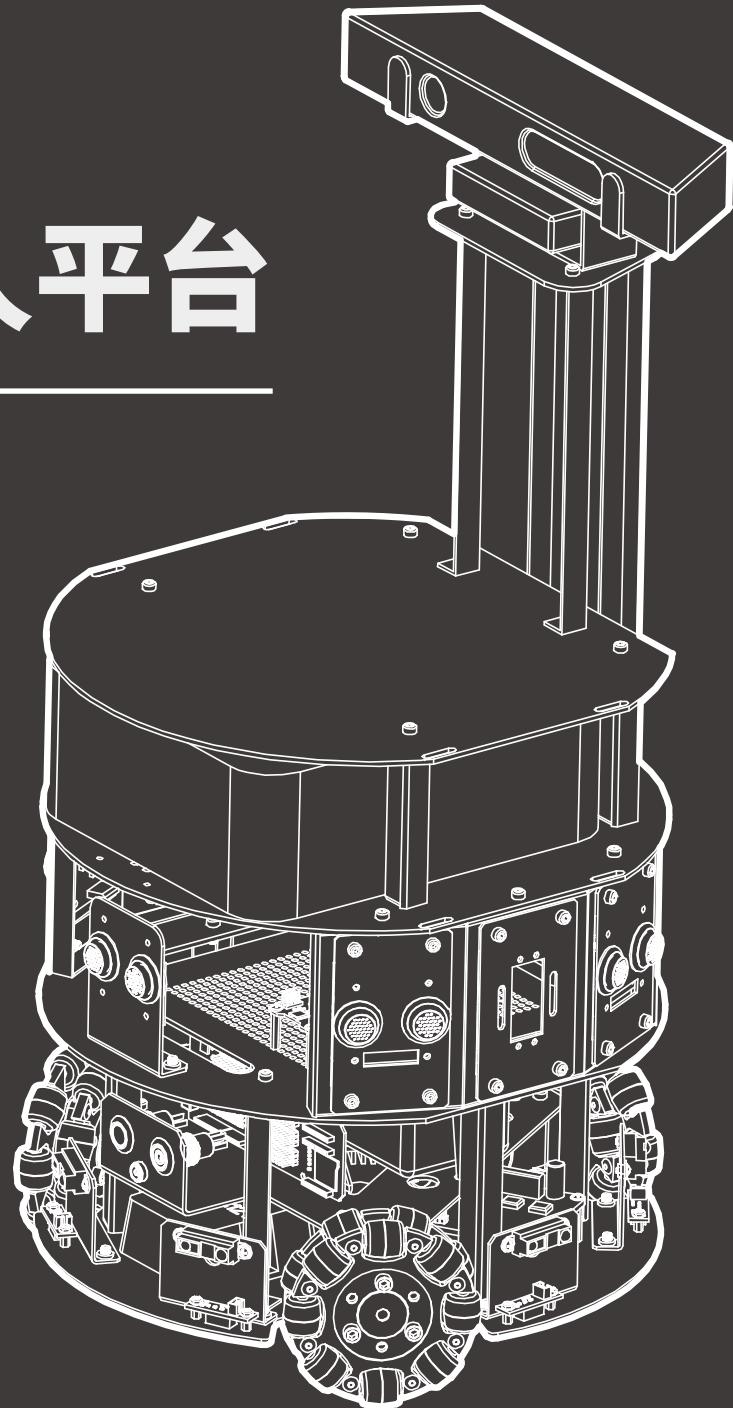
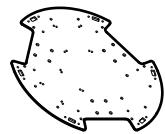


# HCR-全向移动机器人平台

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## 基础配件



**A1** x1



**A2** x3



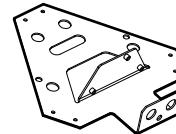
**A3** x3



**A4** x3



**A5** x6



**A6** x1



**A7** x2



**A8** x1



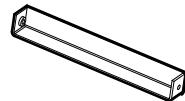
**A9** x1



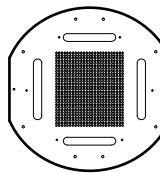
**A10** x1



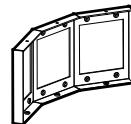
**A11** x1



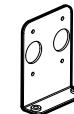
**A12** x6



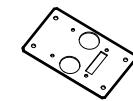
**A13** x1



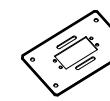
**A14** x2



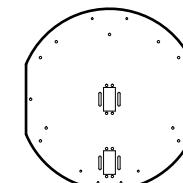
**A15** x2



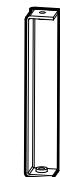
**A16** x4



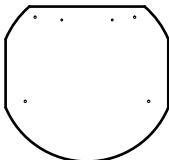
**A17** x2



**A18** x1



**A19** x4



**A20** x1



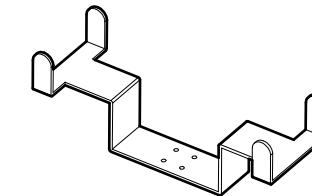
**A21** x2



**A22** x2



**A23** x1



**A24** x1

## 螺丝、连接件



**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

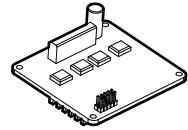
M3  
尼龙平垫



**B13** x10

M3x22mm  
圆头螺钉

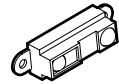
## 可选配件



**C1** x2



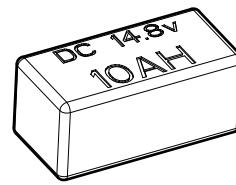
**C2** x1



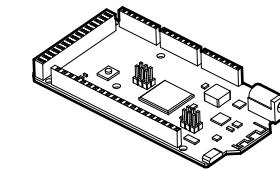
**C3** x6



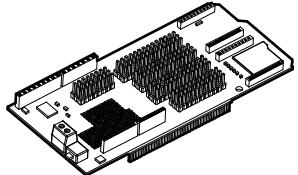
**C4** x6



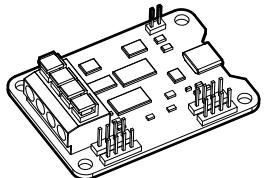
**C5** x1



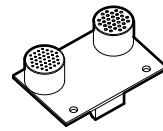
**C6** x1



**C7** x1



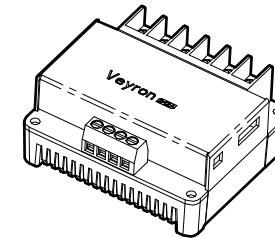
**C8** x1



**C9** x6



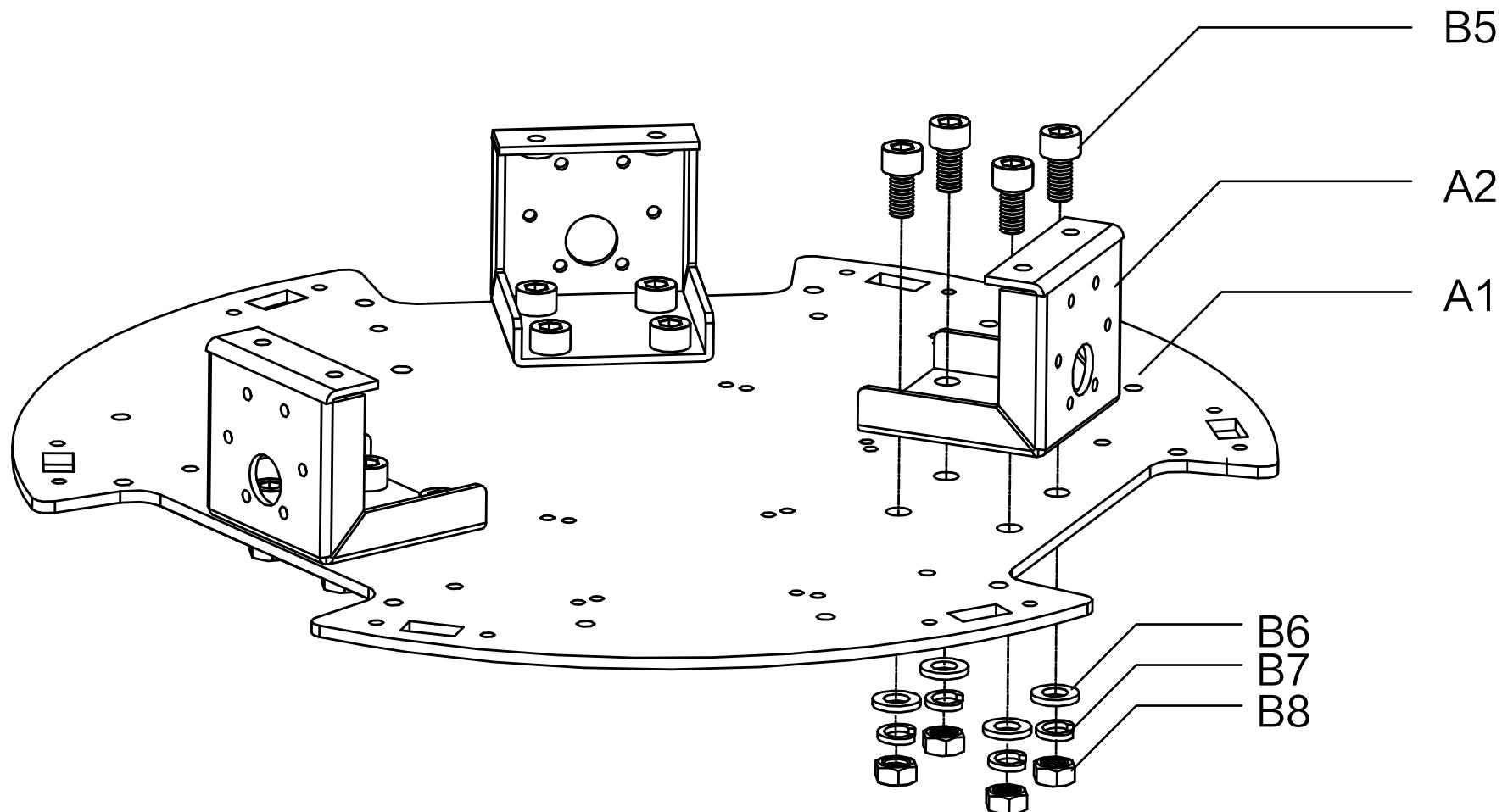
**C10** x12



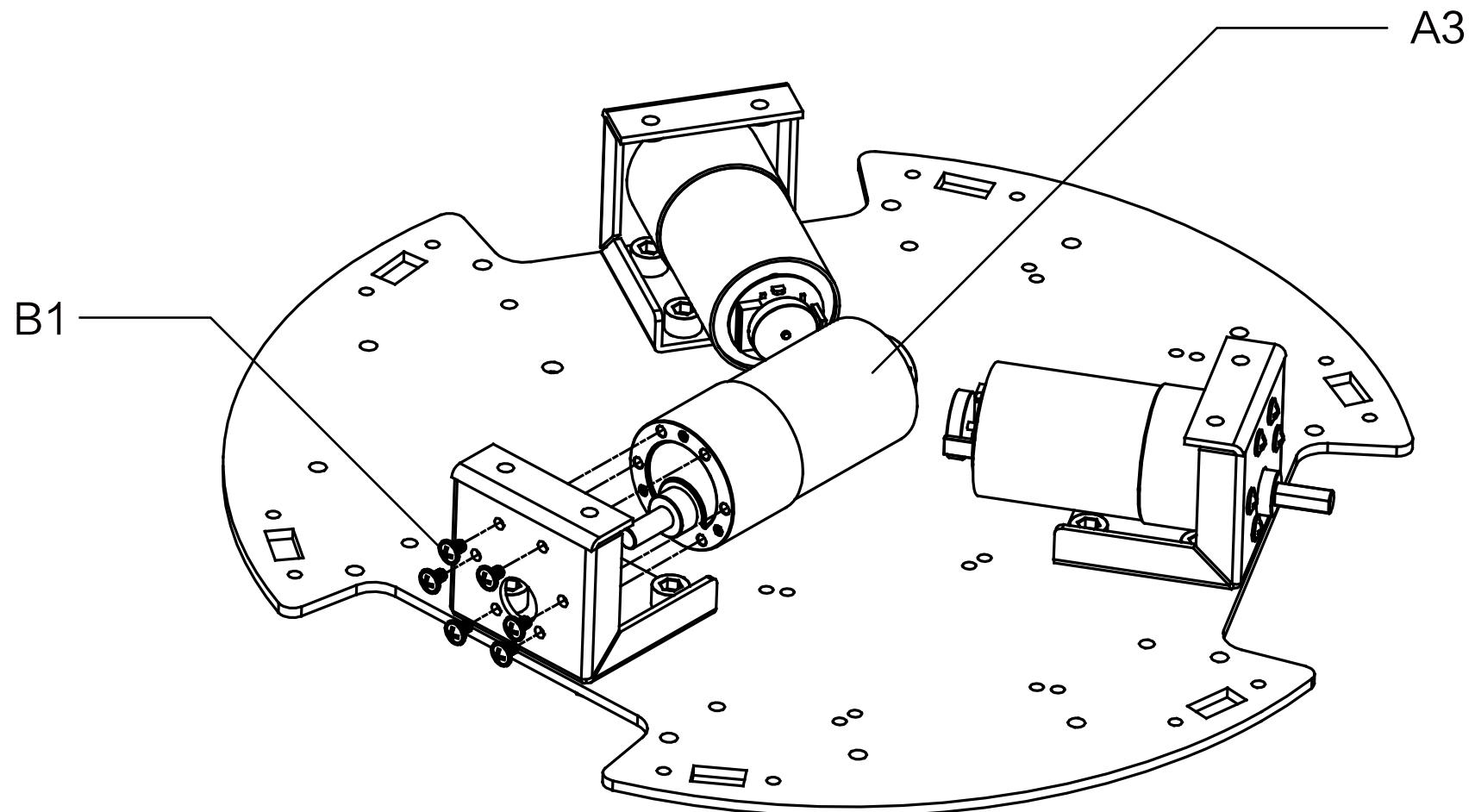
**A11** x2

# 1

## 安装电机支架

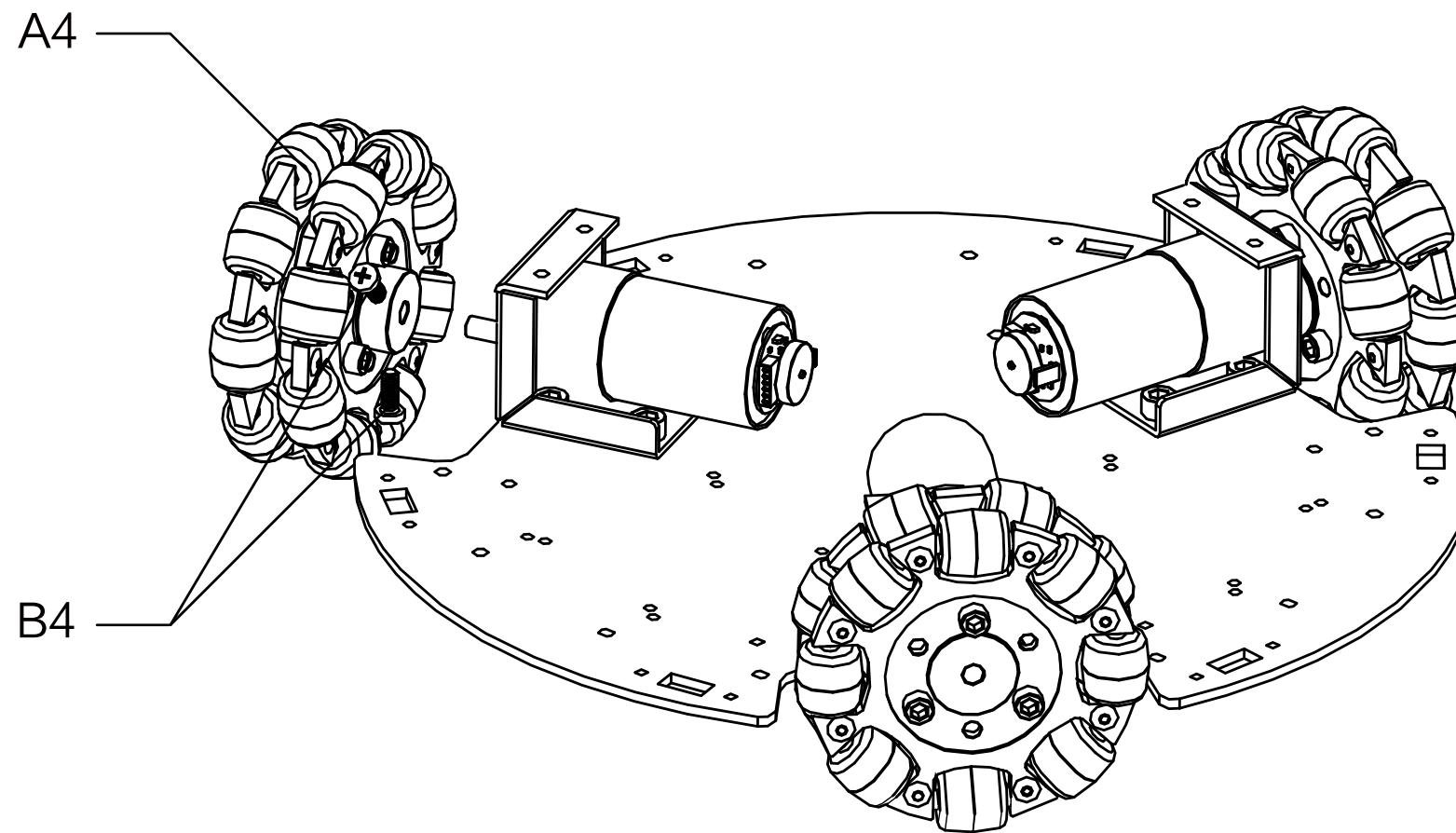


将电机支架A2与底板A1边缘对齐，在安装控制层板A6前请勿上紧螺丝。



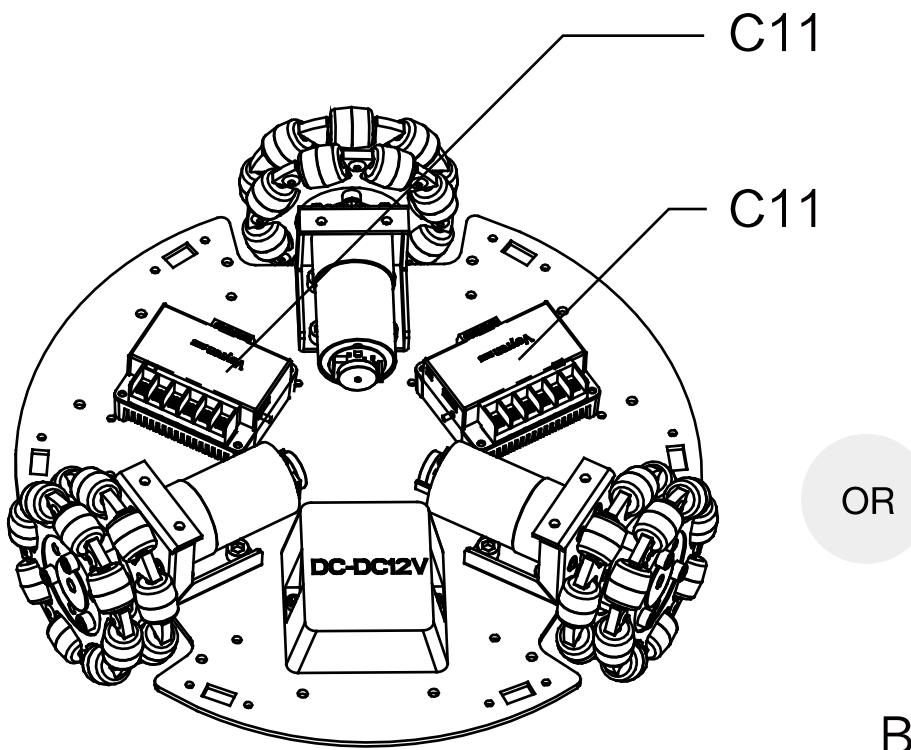
# 3

## 安装全向轮

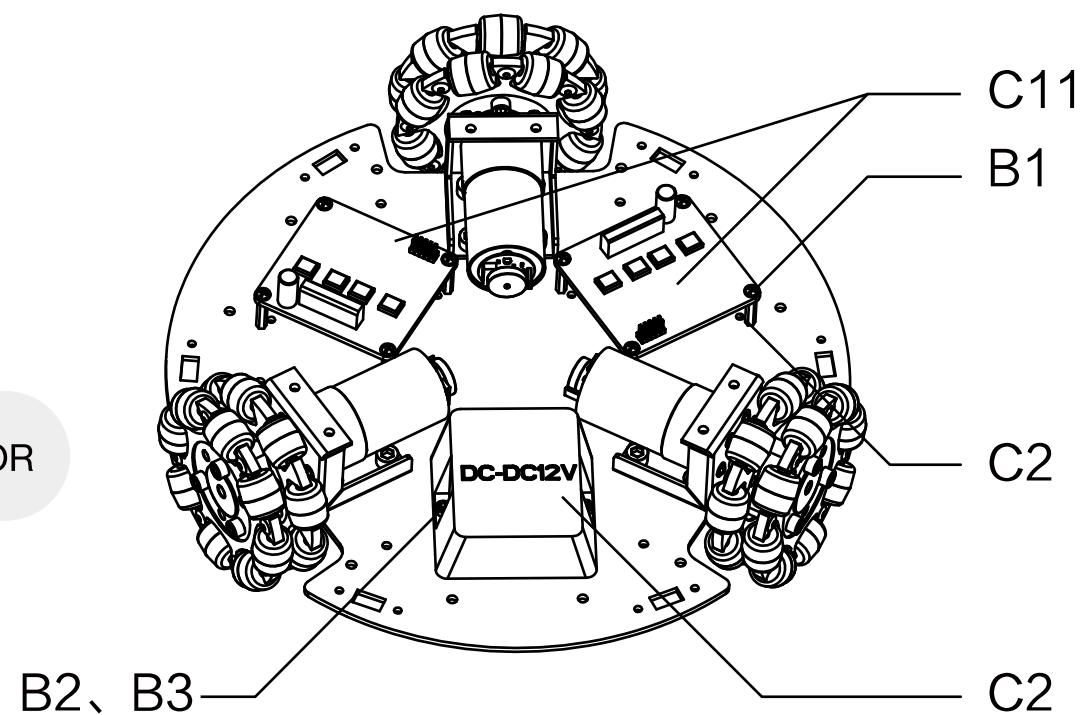


## 安装电机驱动模块及DC-DC12V模块（可选配件）

4



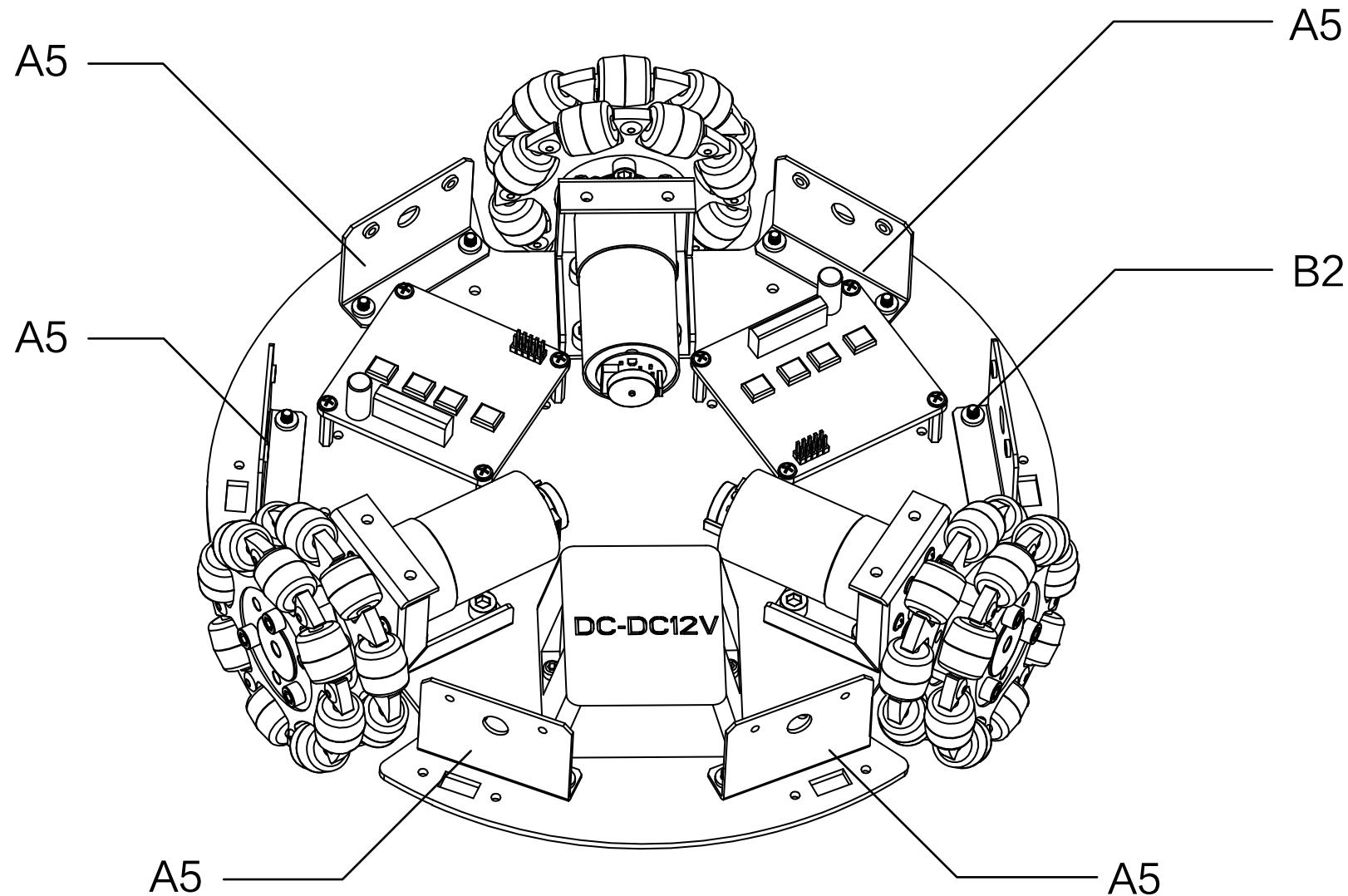
C11(威龙12A电机驱动器)  
使用M3×22mm螺钉(B13)及M3螺帽 ( B3)固定



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 )

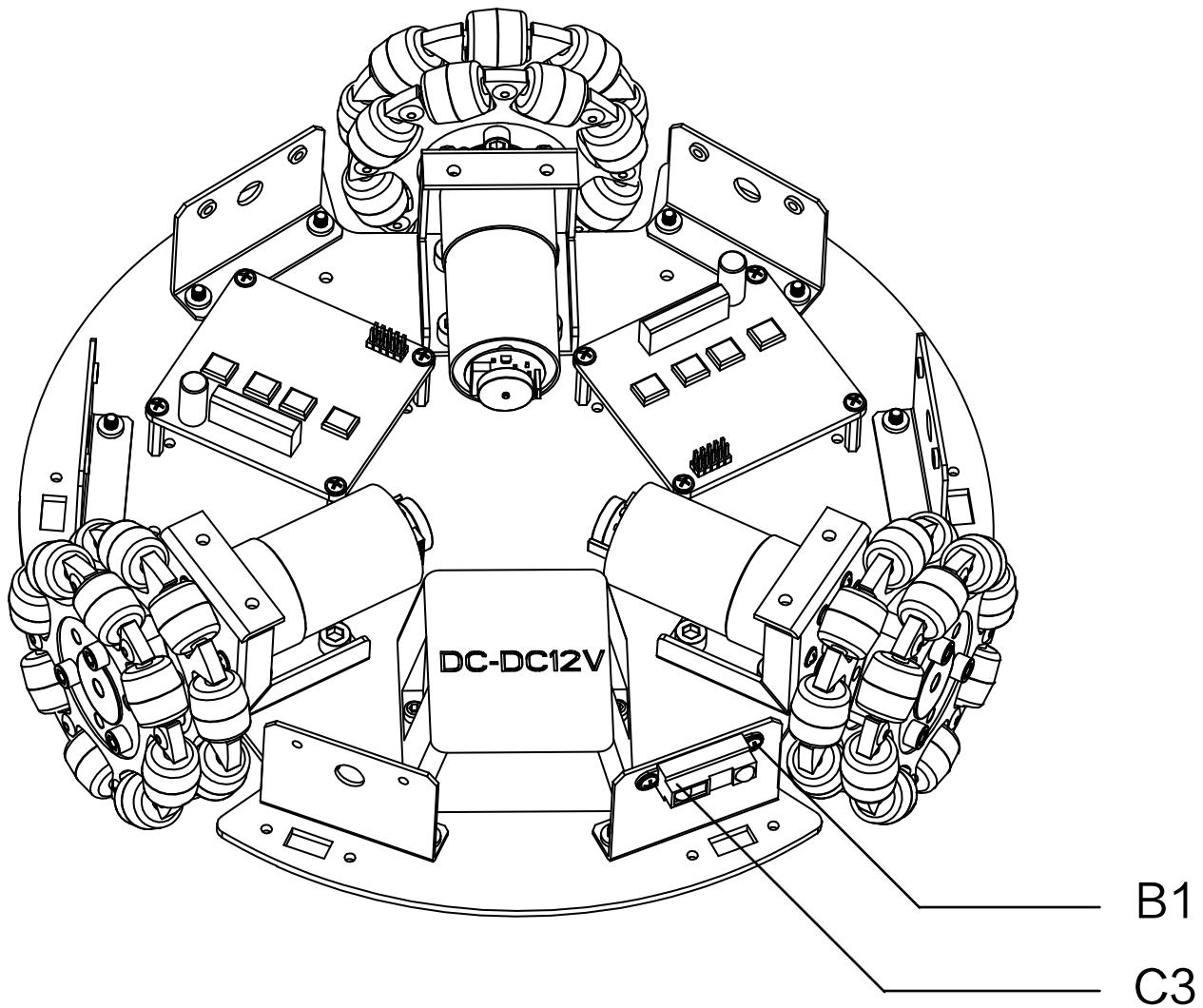
# 5

## 安装红外支架



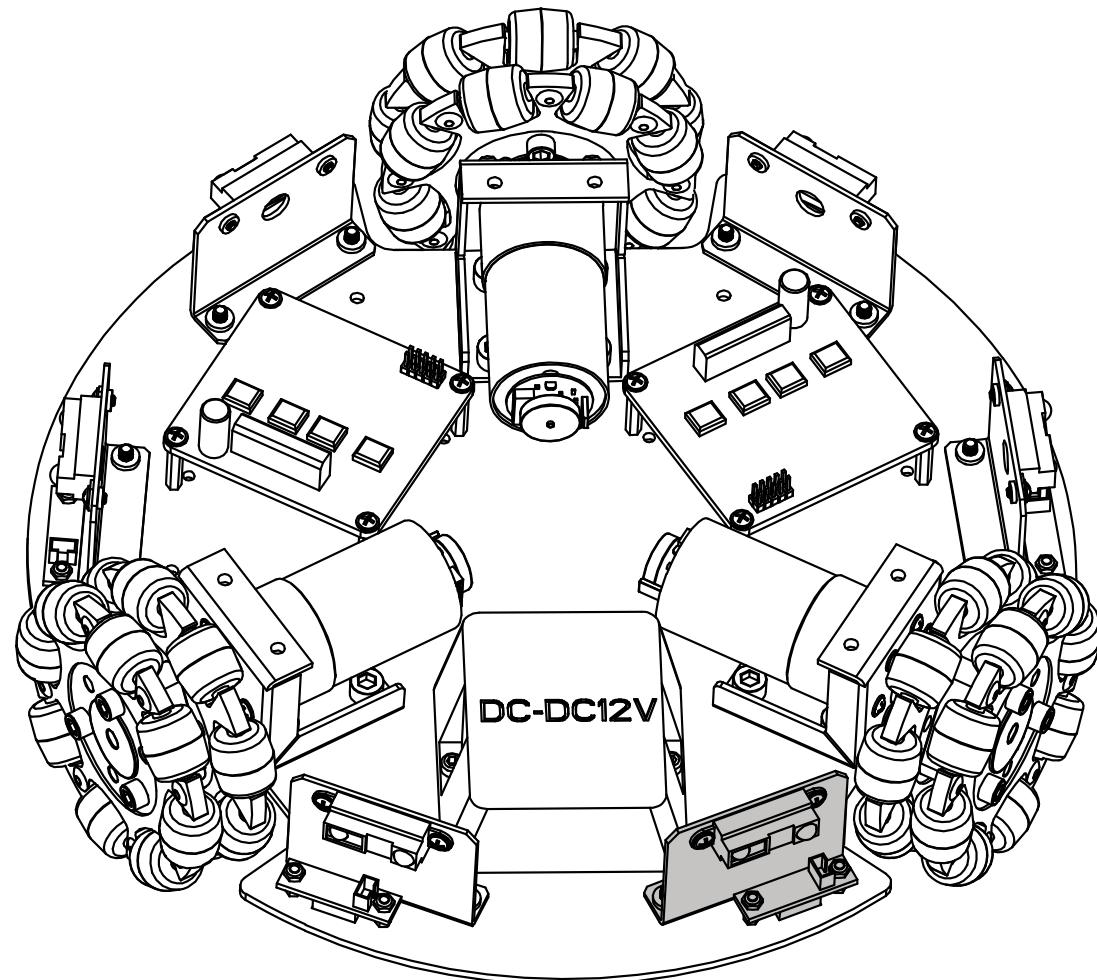
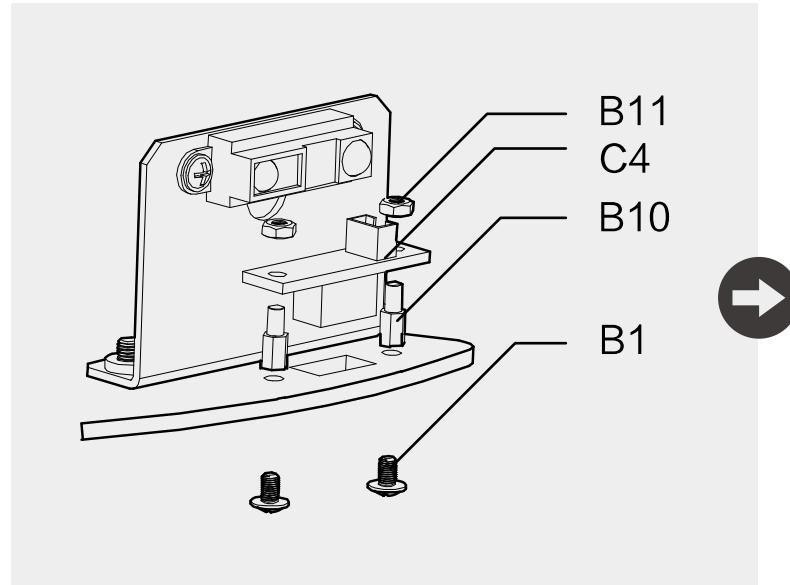
安装红外测距模块 (可选配件 )

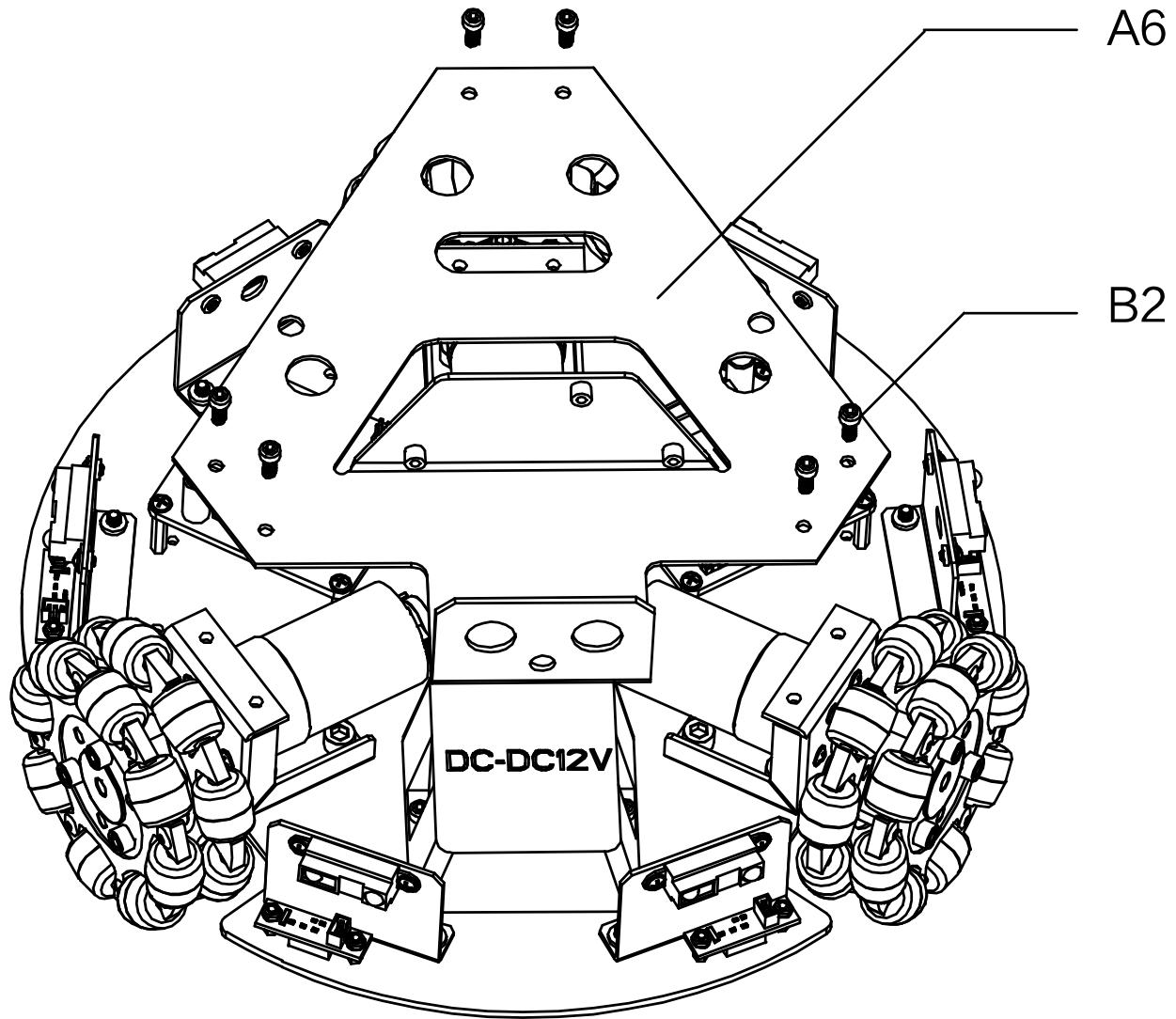
6



# 7

## 安装防跌落传感器（可选配件）

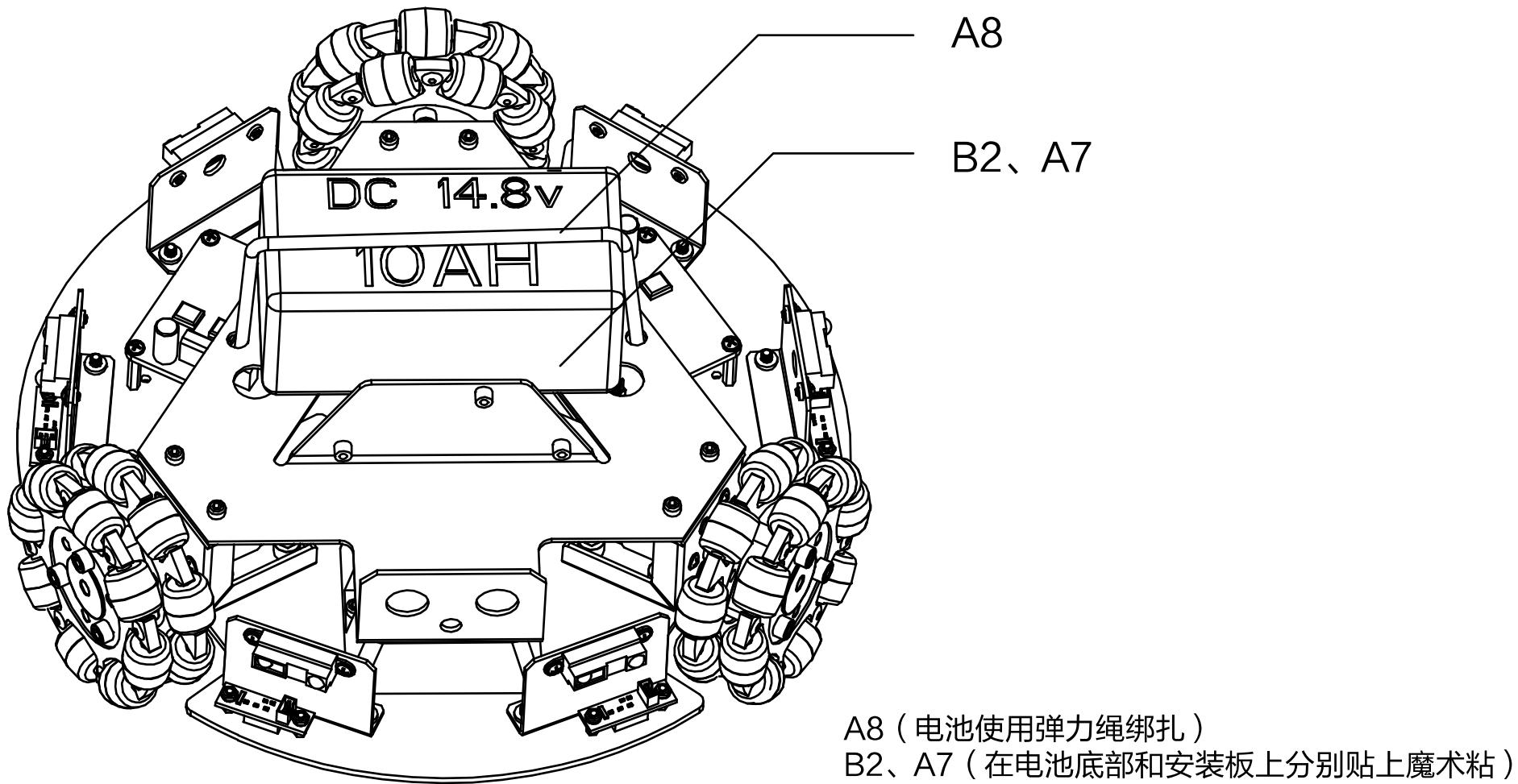


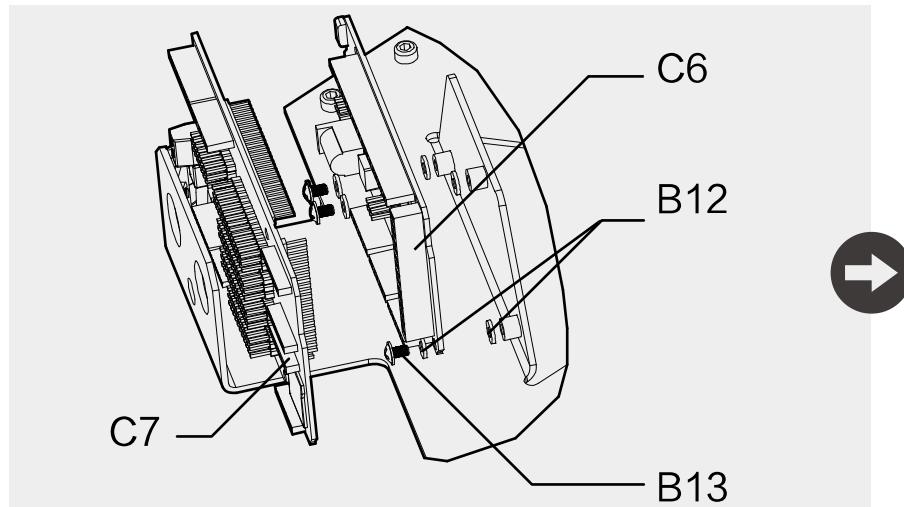


备注:微调电机支架位置,  
安装好A6后将电机支架的螺丝全部拧紧。

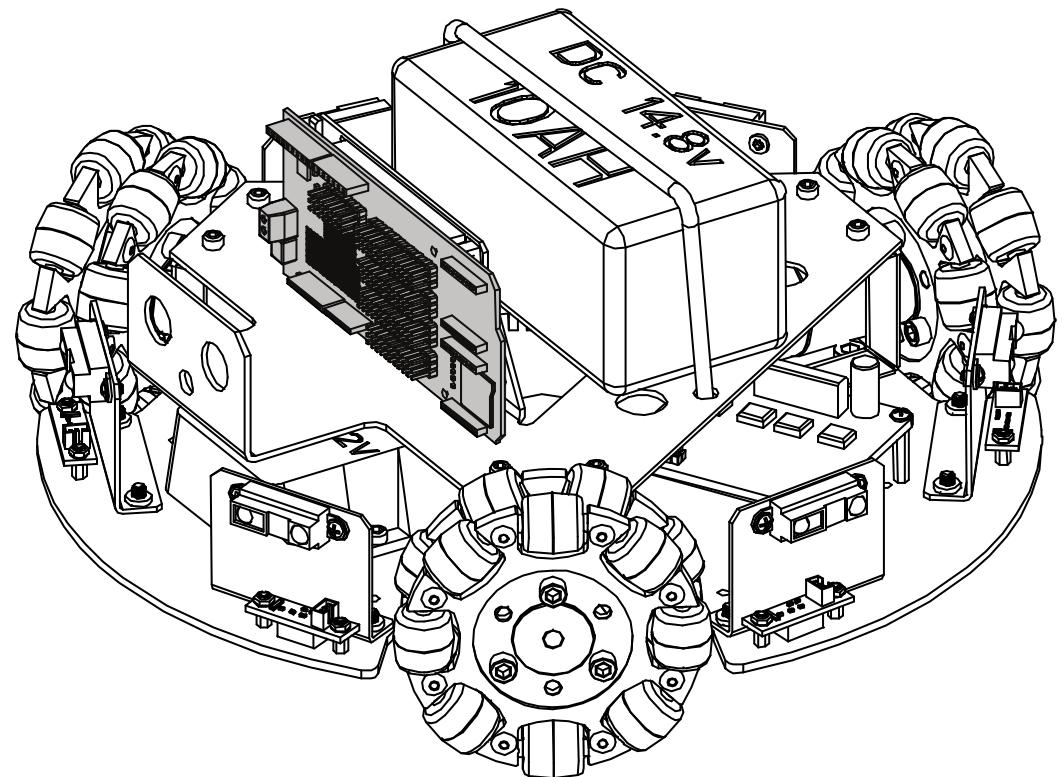
# 9

## 安装锂电池（可选配件）

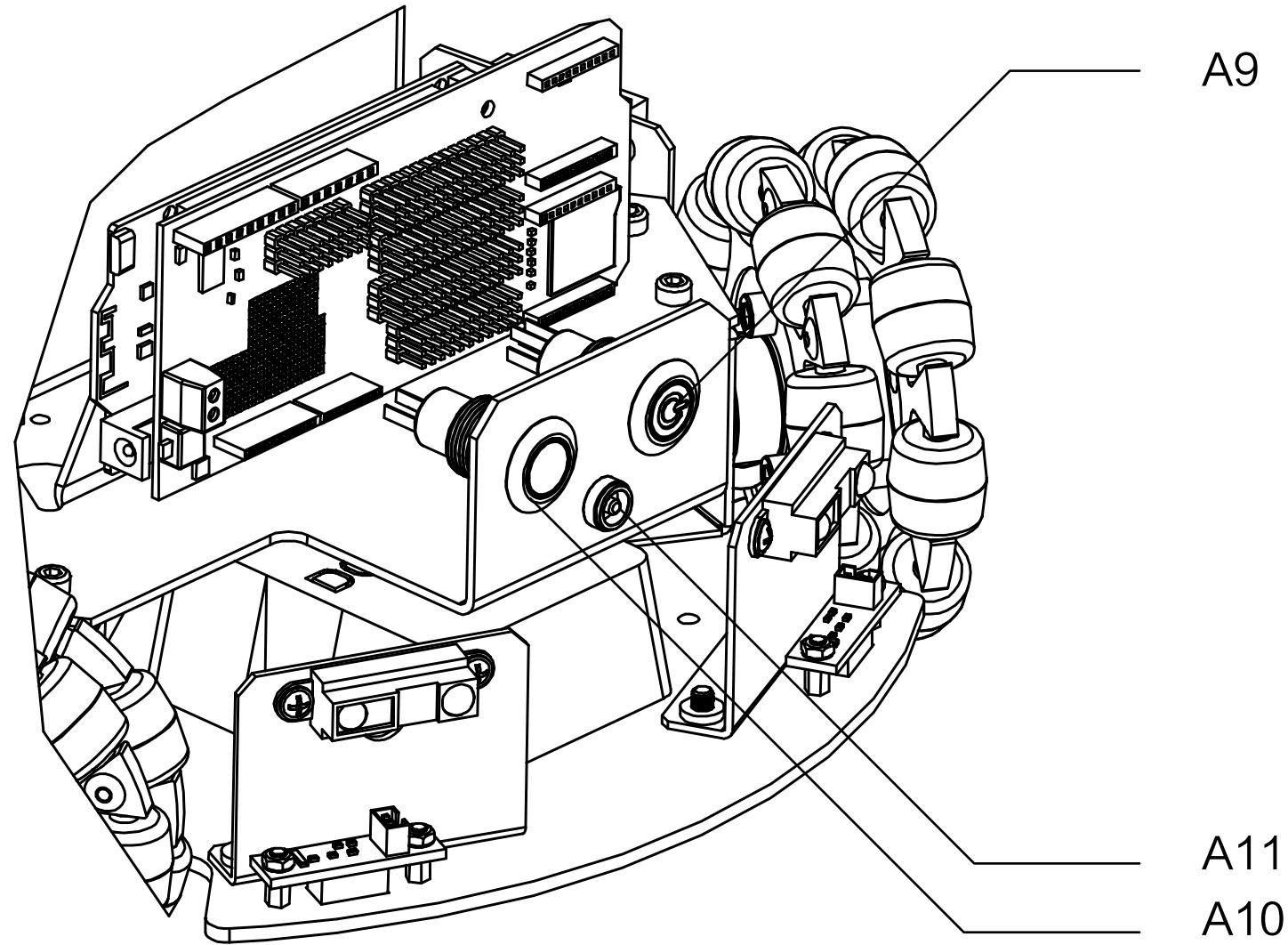




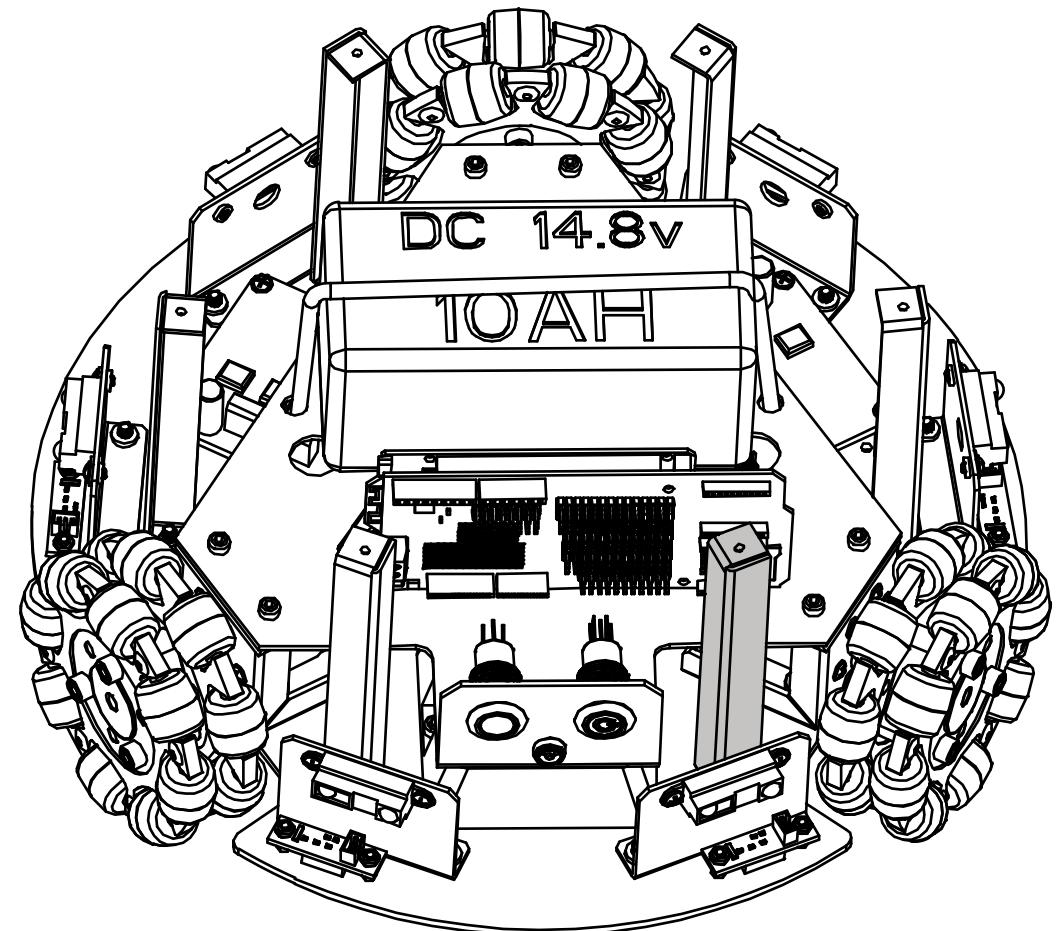
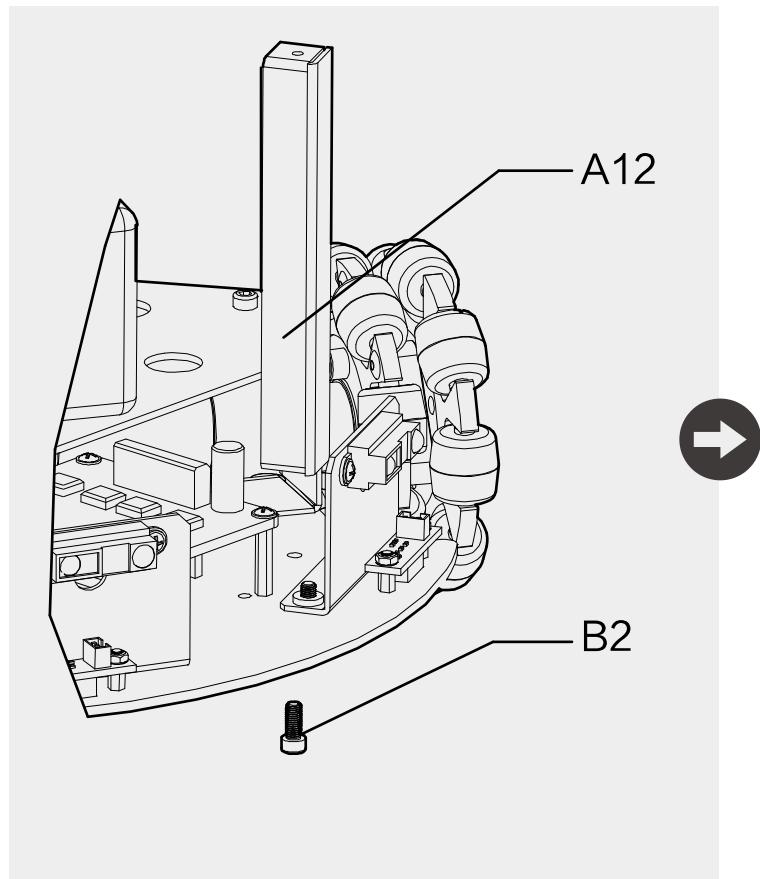
B12 (控制板两面均需要垫尼龙片，防止损坏控制板 )



## 11 安装开关及插座



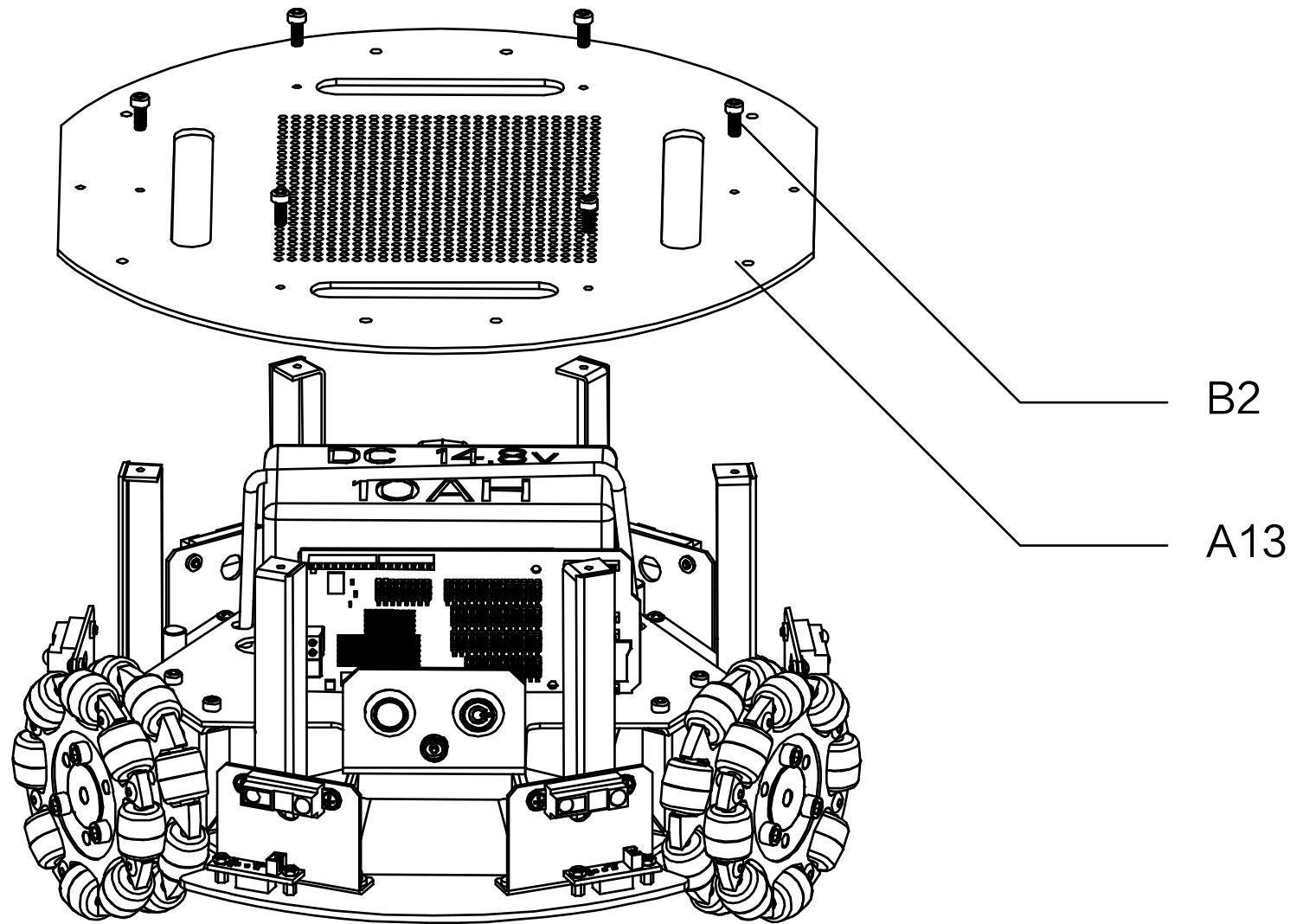
安装 12cm立柱 12

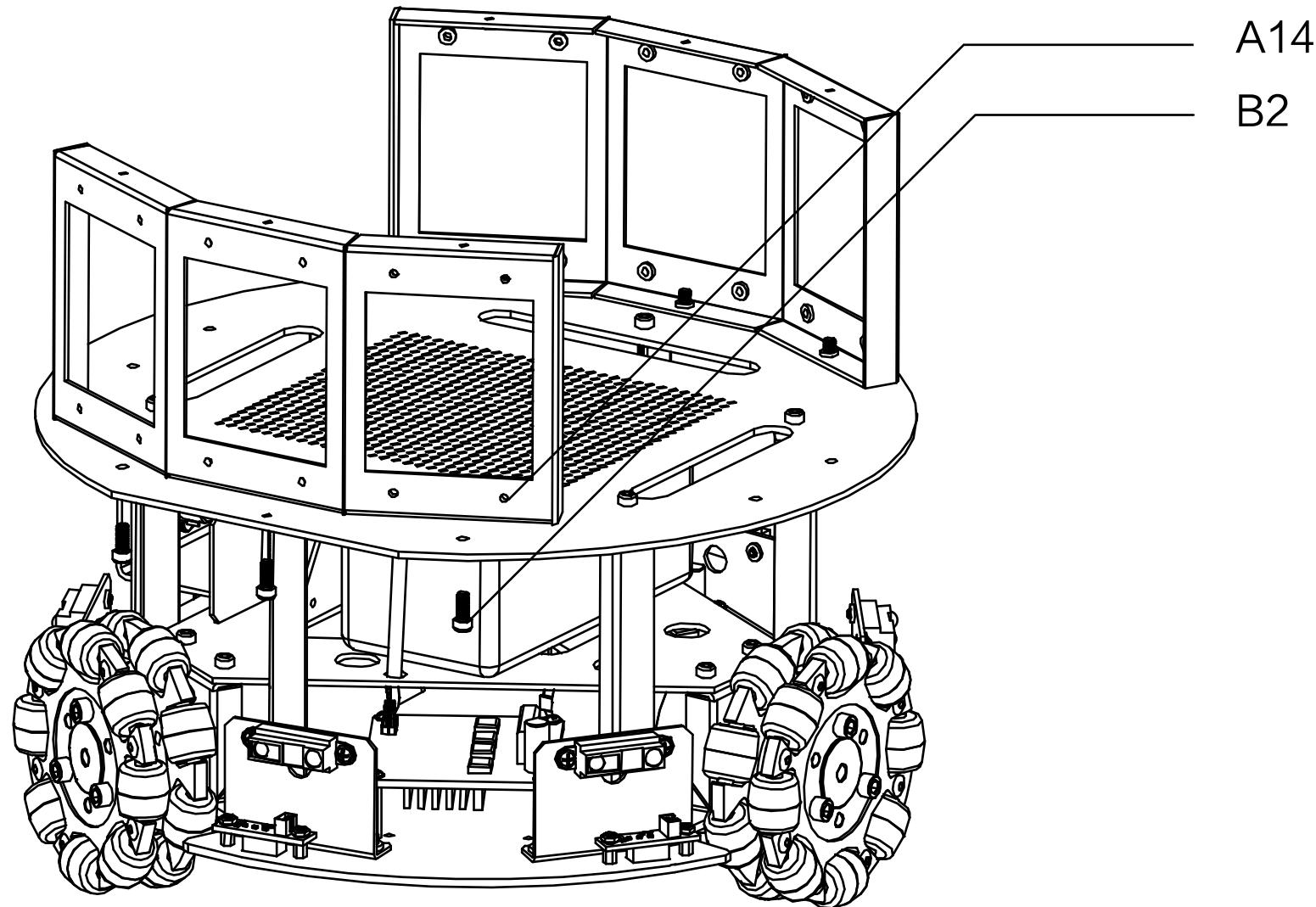


在安装HCR的后续机械部分之前，请先完成必要的电子部件的连接与安装。

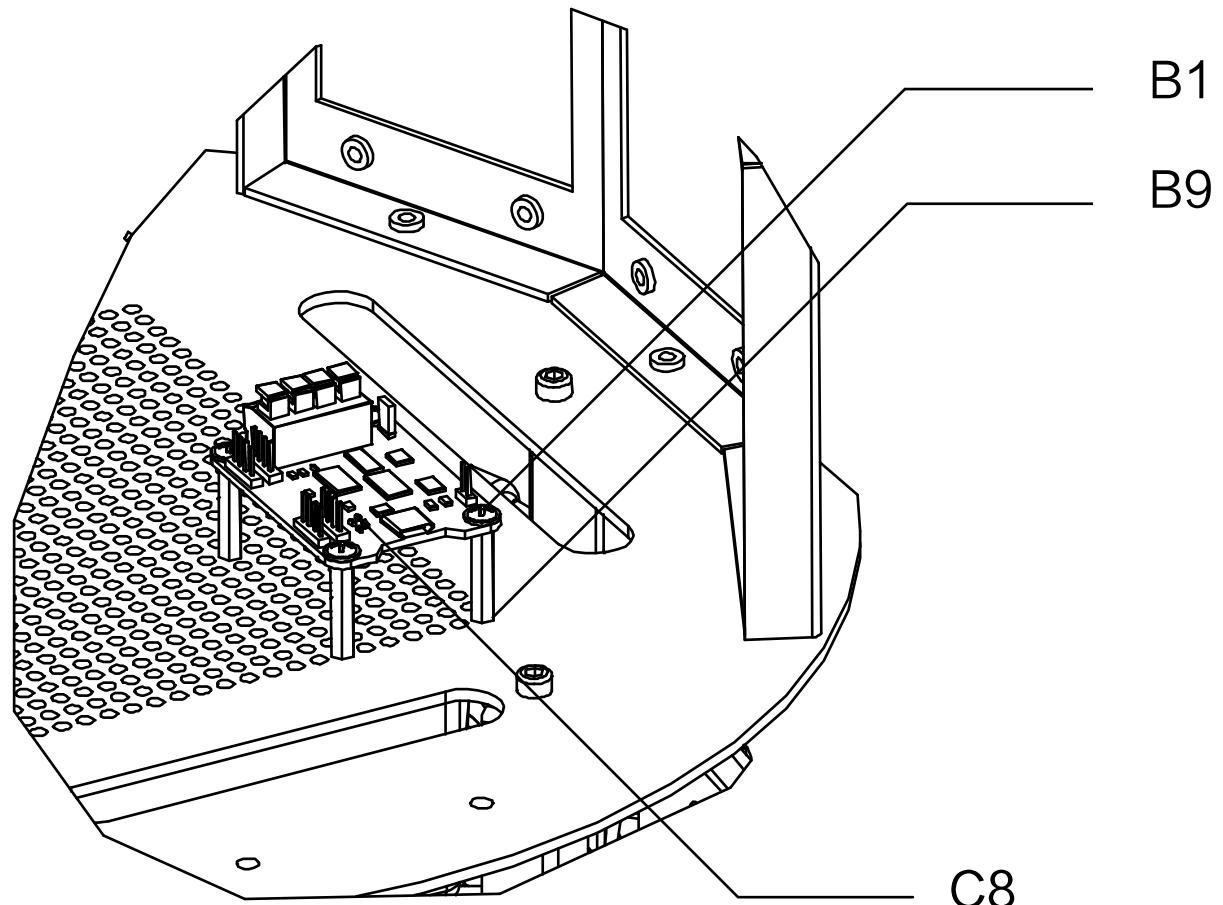
13

安装中层板

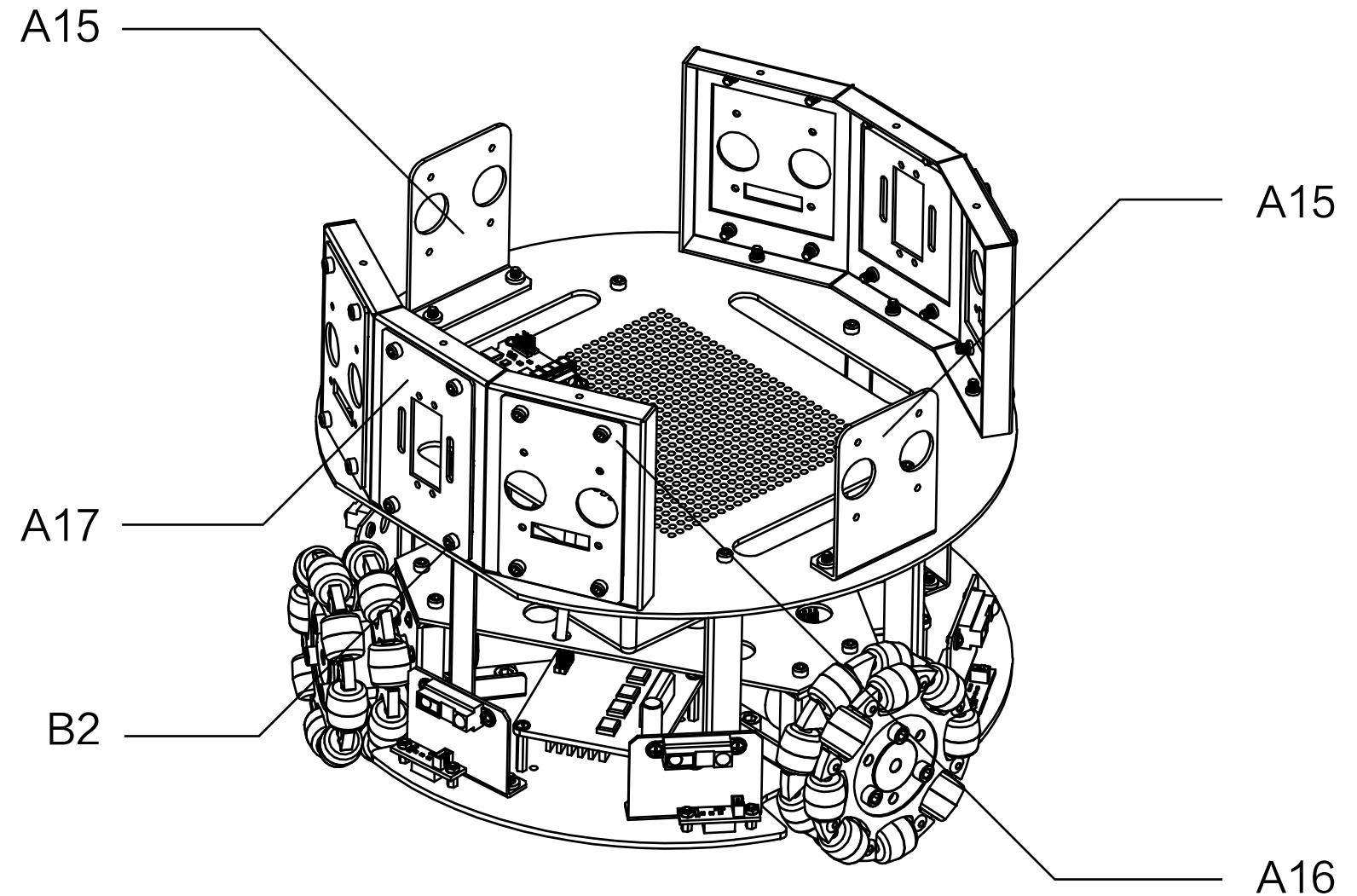




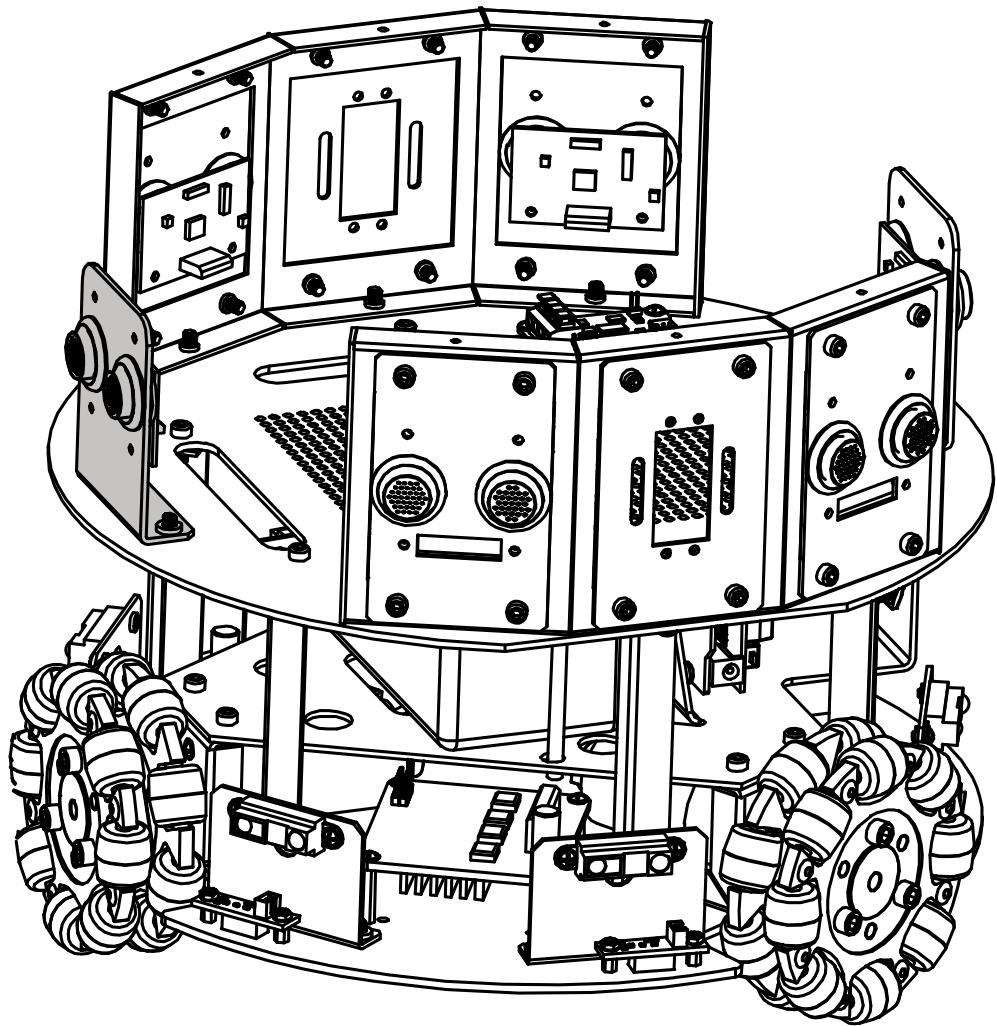
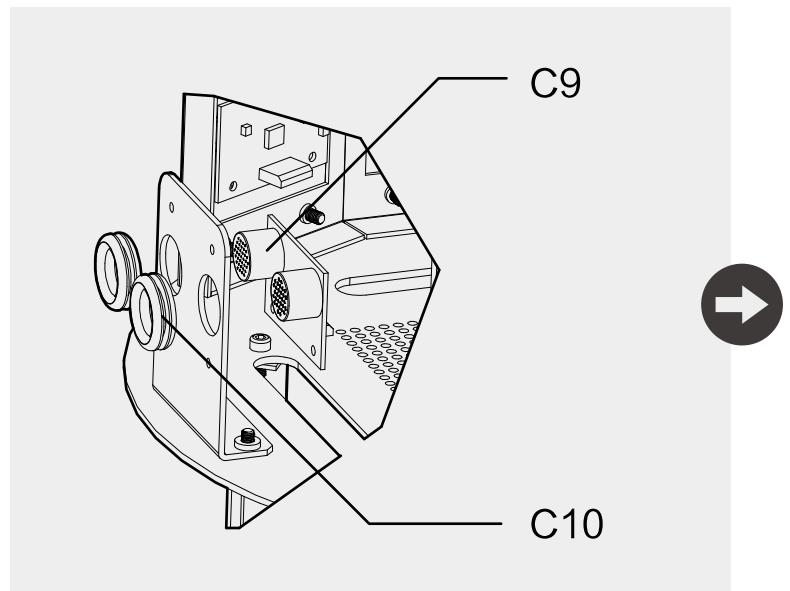
## 15 安装TTL/485转换板（可选配件）

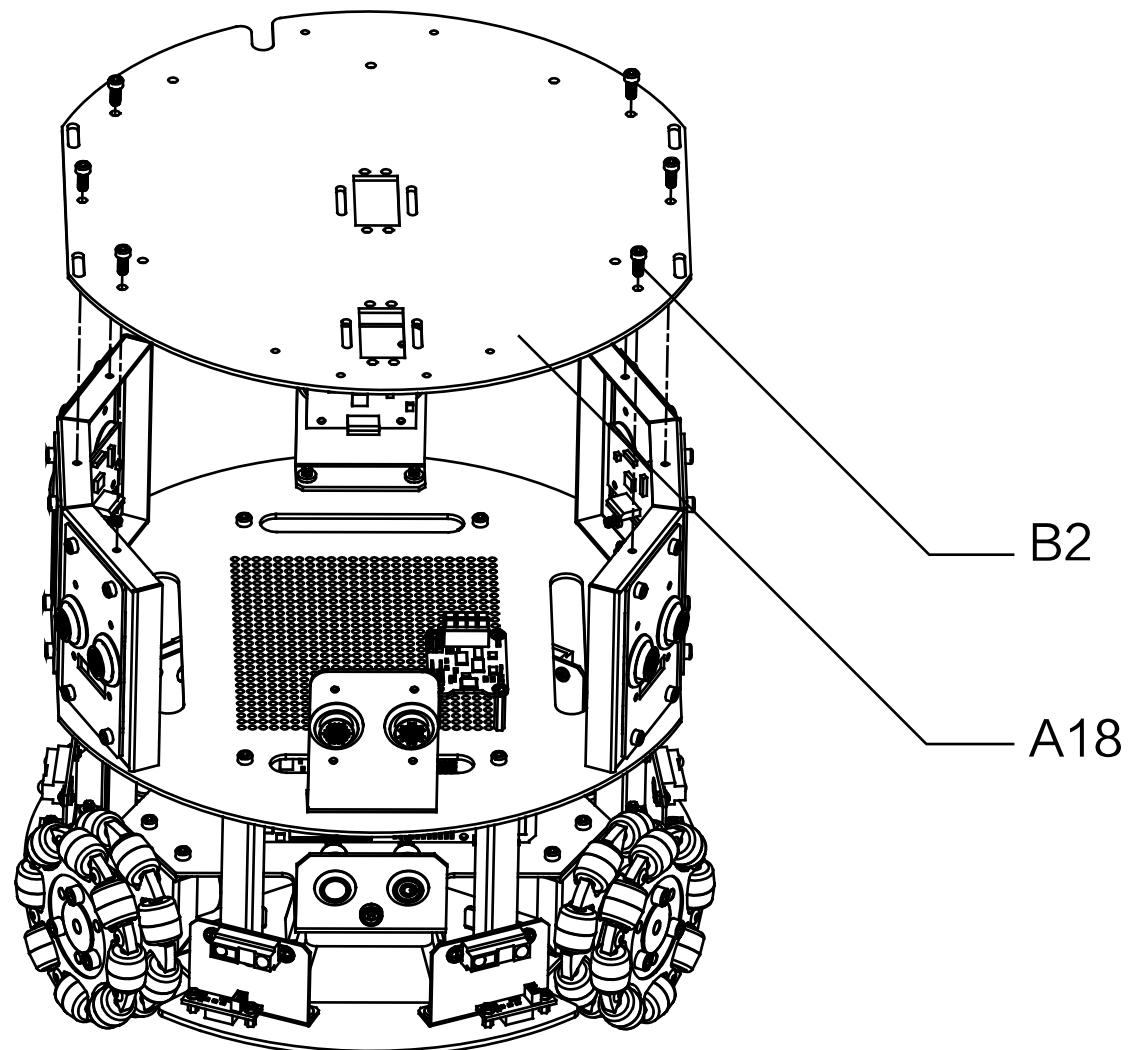


B1(铜柱上下均用此螺钉固定)

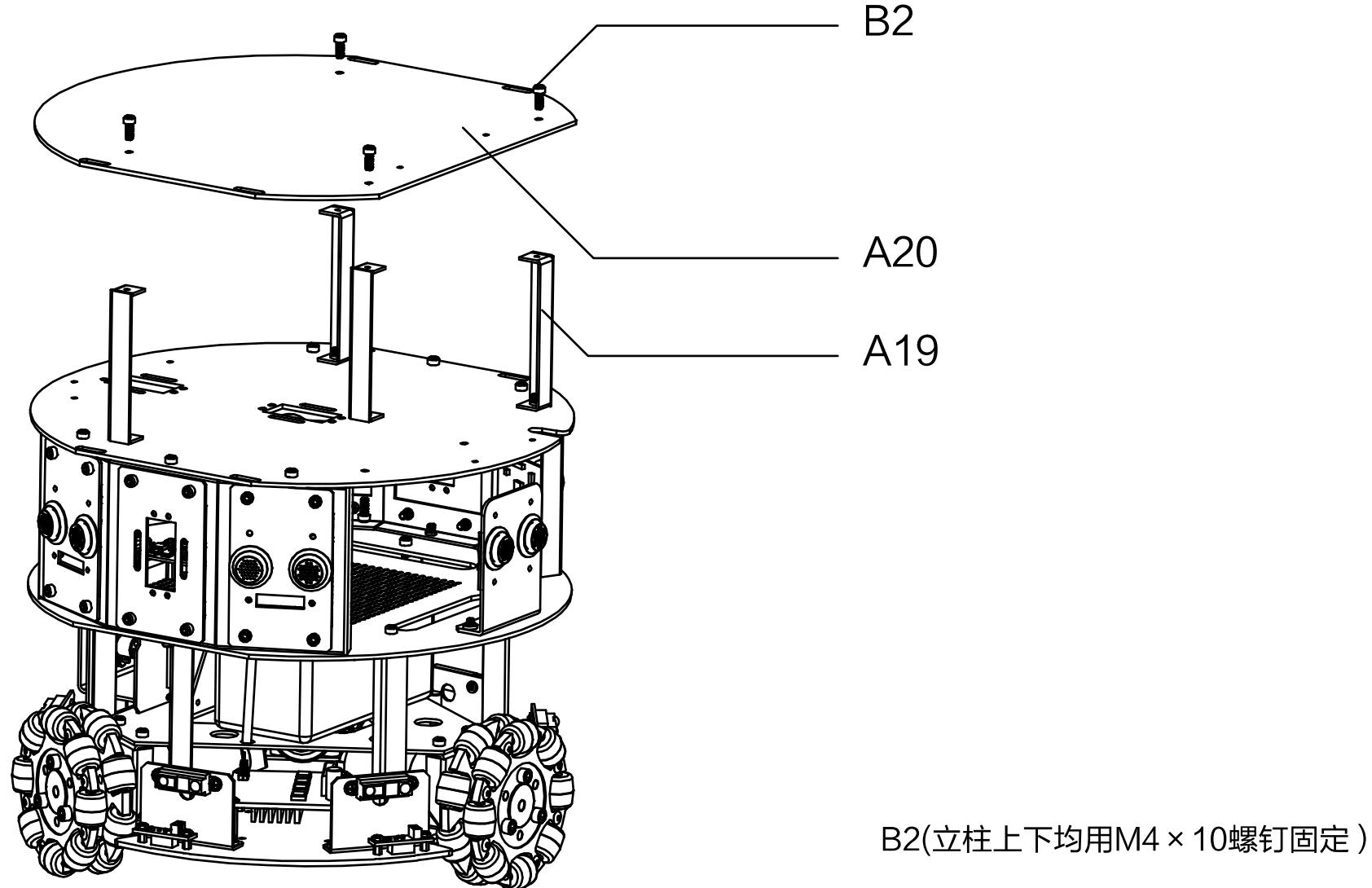


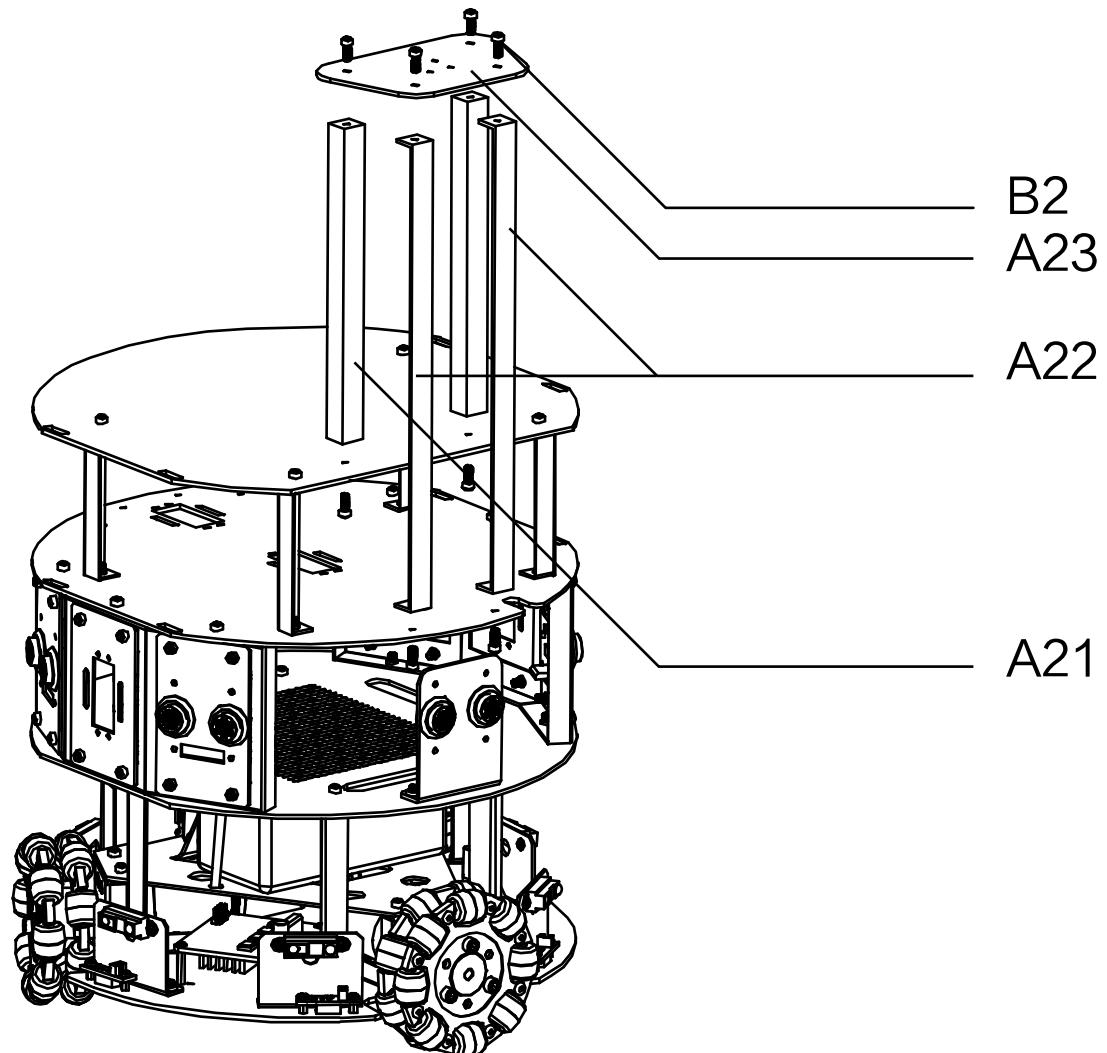
## 17 安装超声波传感器（可选配件）



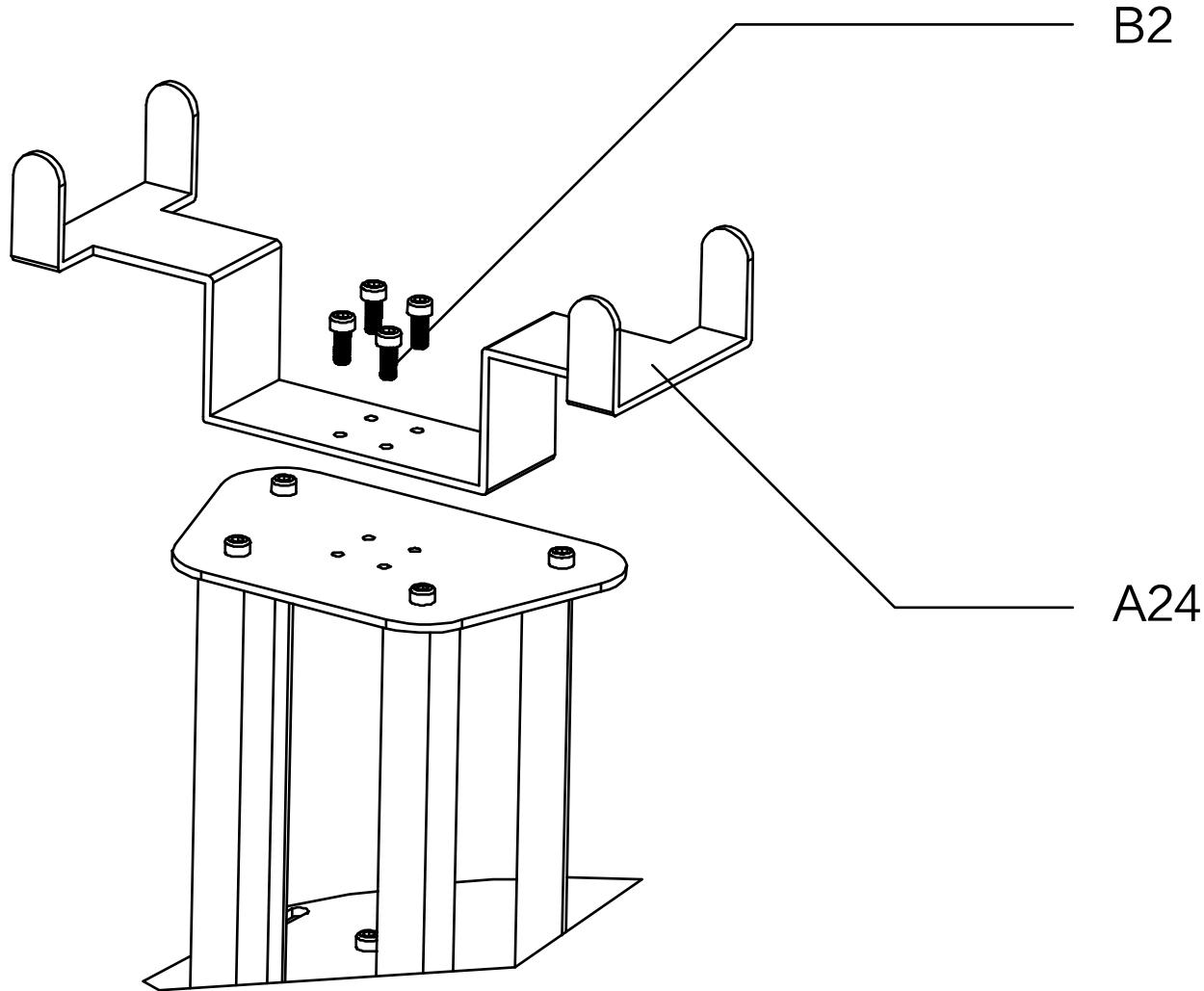


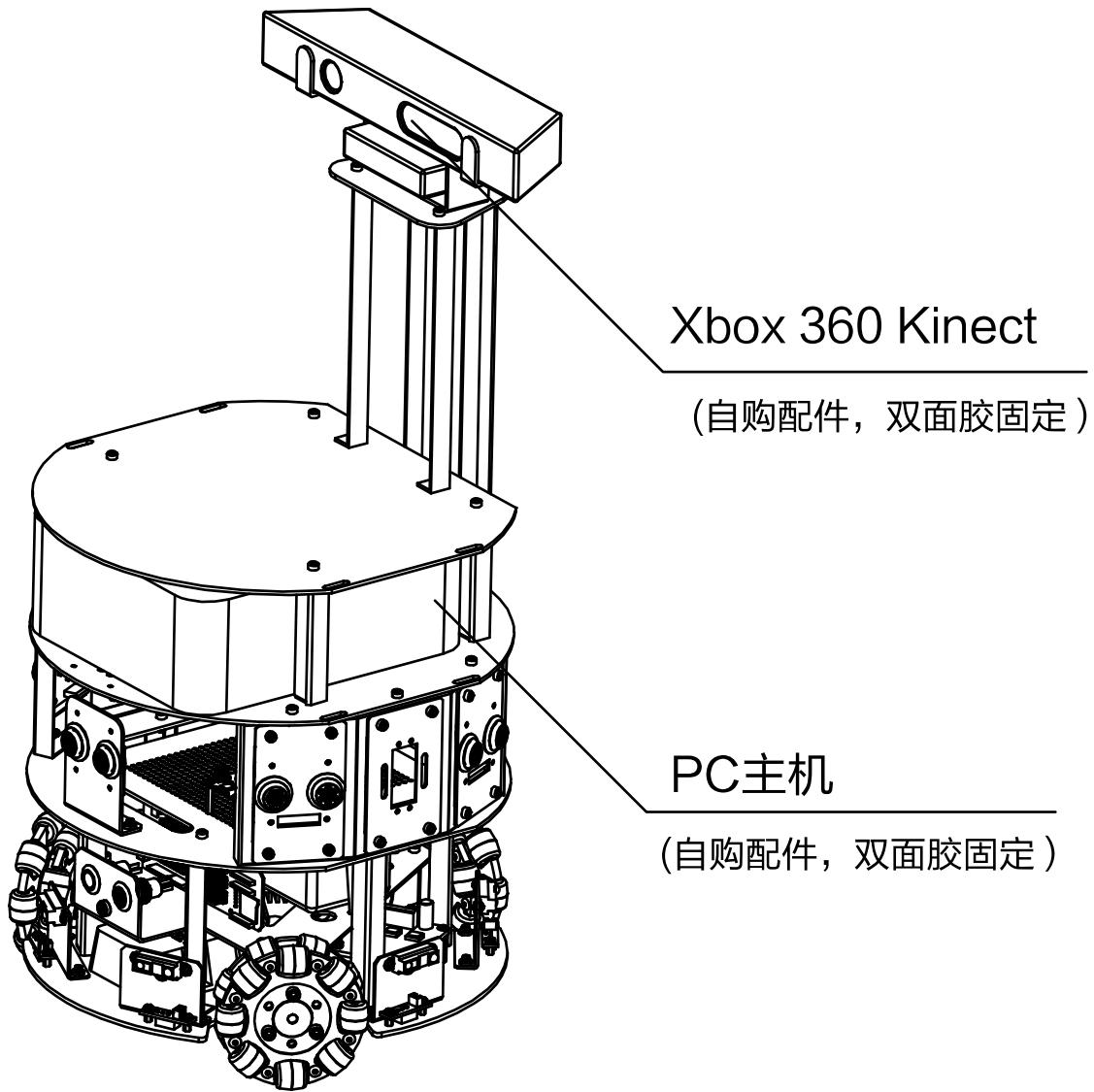
## 19 安装9cm立柱及顶板01





## 21 安裝kinect支架02





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