

# 机器人底盘 设计与搭建

Design & Build for VEX  
Robotics Chassis



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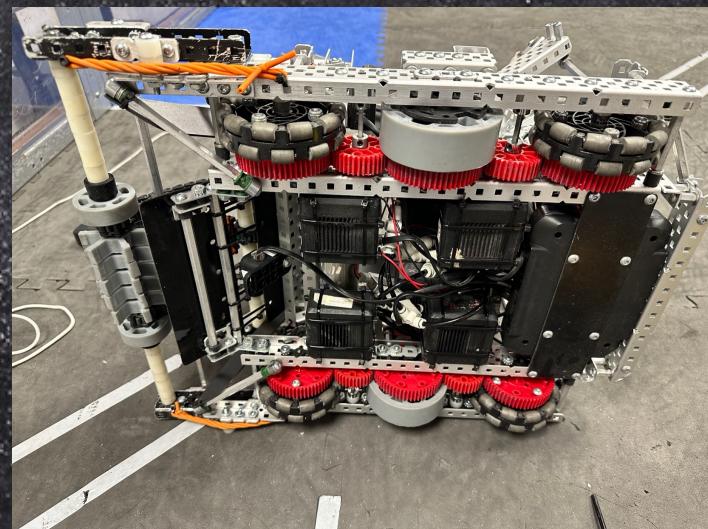
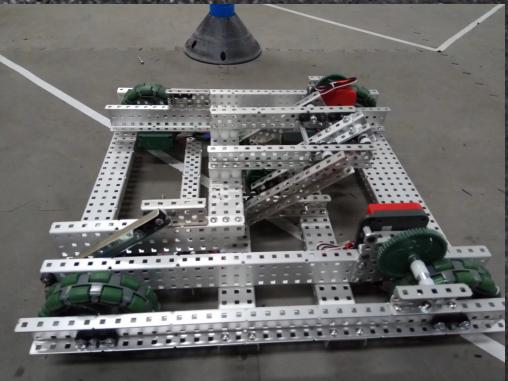
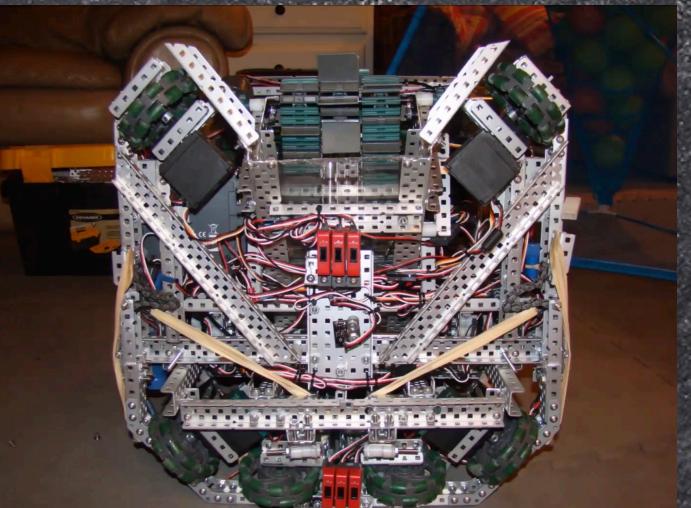
# 01 机器人底盘种类

Type for Chassis



# 机器人底盘类型

Type for Chassis



# 02 传动类型

Type of Transmission

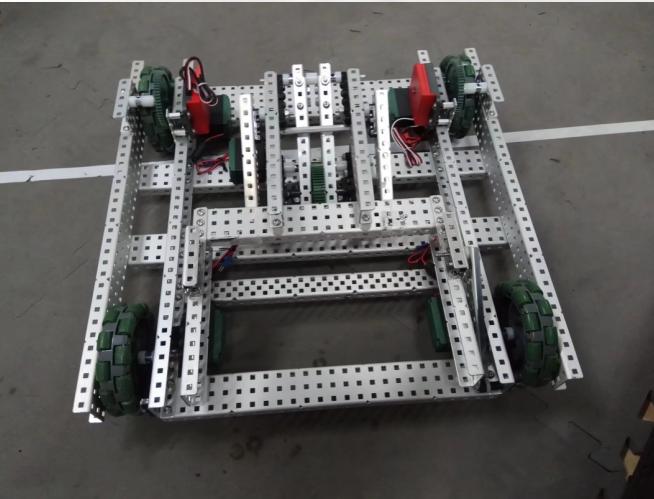


# 3类常见传动类型

Type of transmission

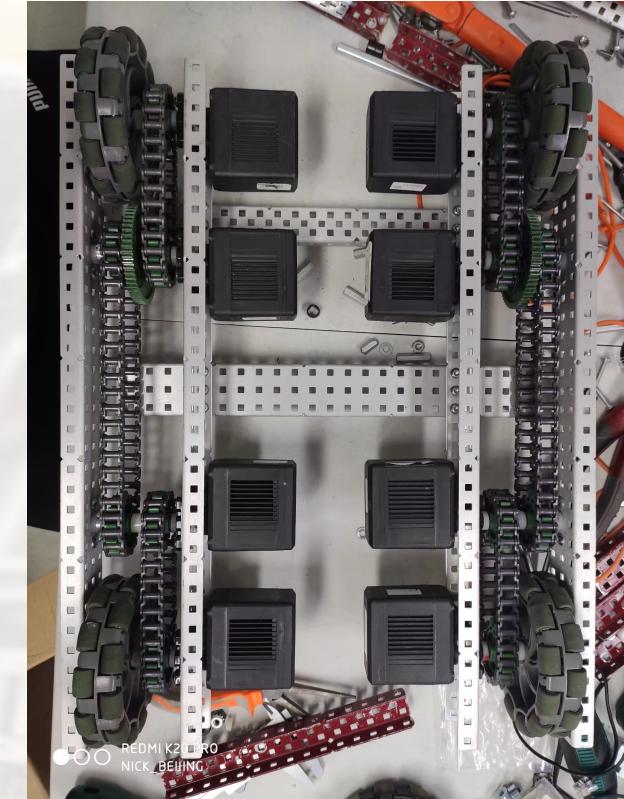
## 电机直传

电机直接带动车轮，不需要其他的传动结构。



## 齿轮传动

齿轮传动顾名思义即借助齿轮组传动，齿轮的数量也决定着两级的方向。



## 链传动

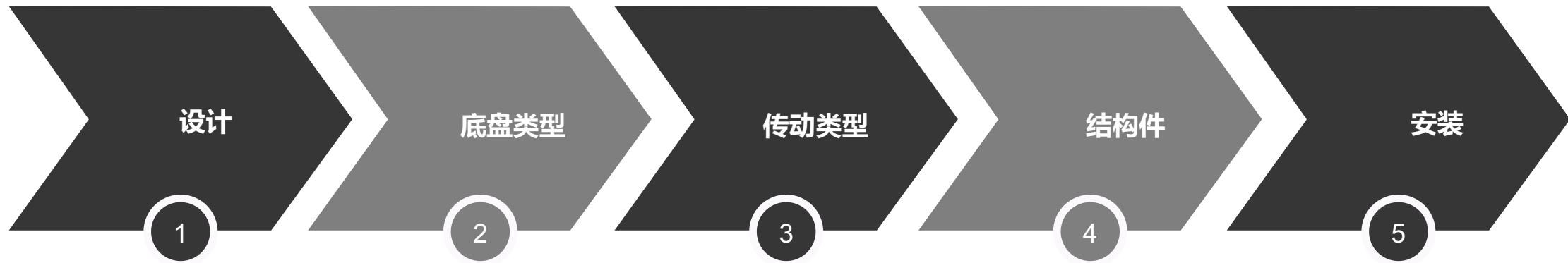
链传动能自由控制两轮之间的距离，方向一致但有机械延迟，较易损。

# 03 底盘如何设计

Build Chassis Method



# 设计及搭建步骤



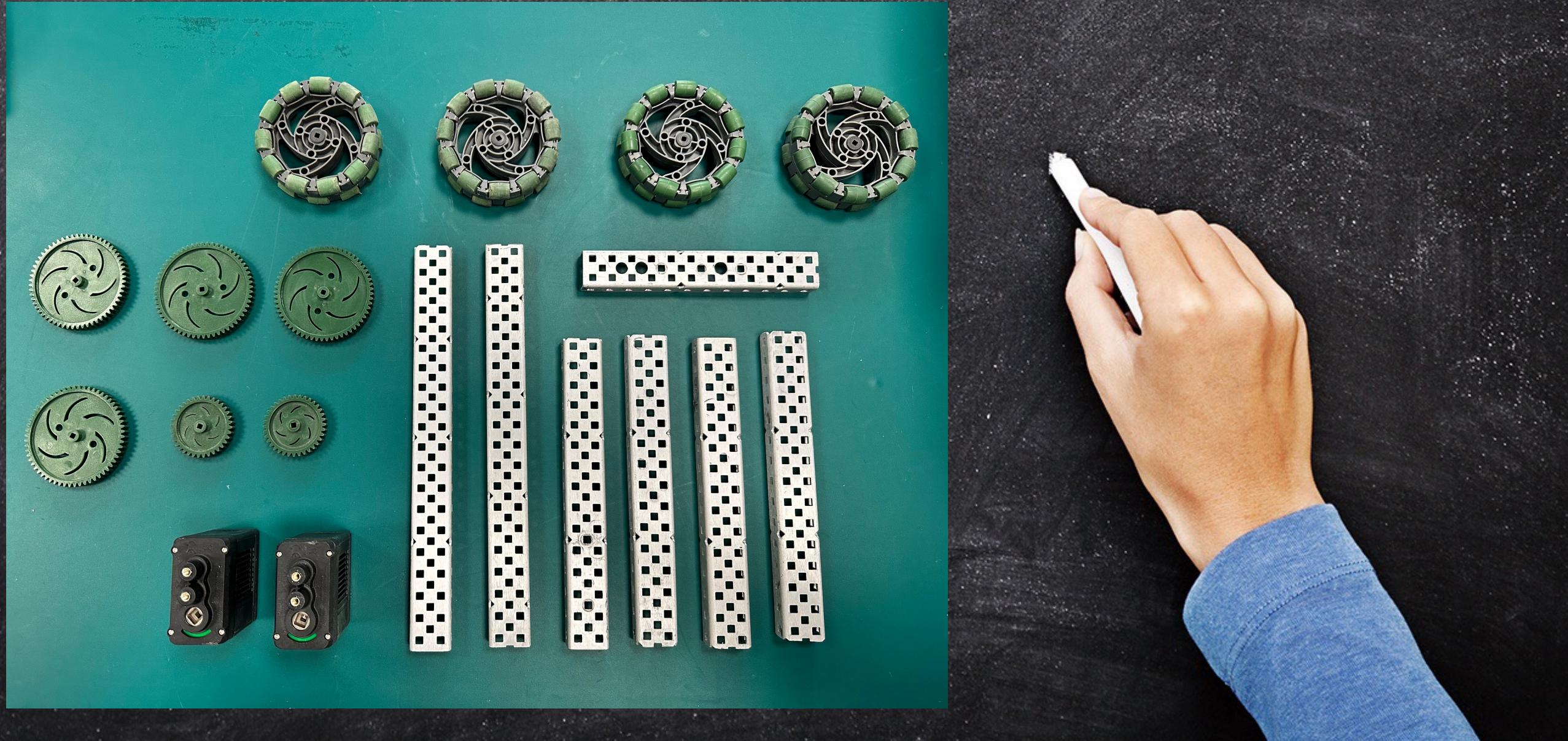
设计机器永远是一个由模仿到创新的过程

# 04 底盘搭建步骤

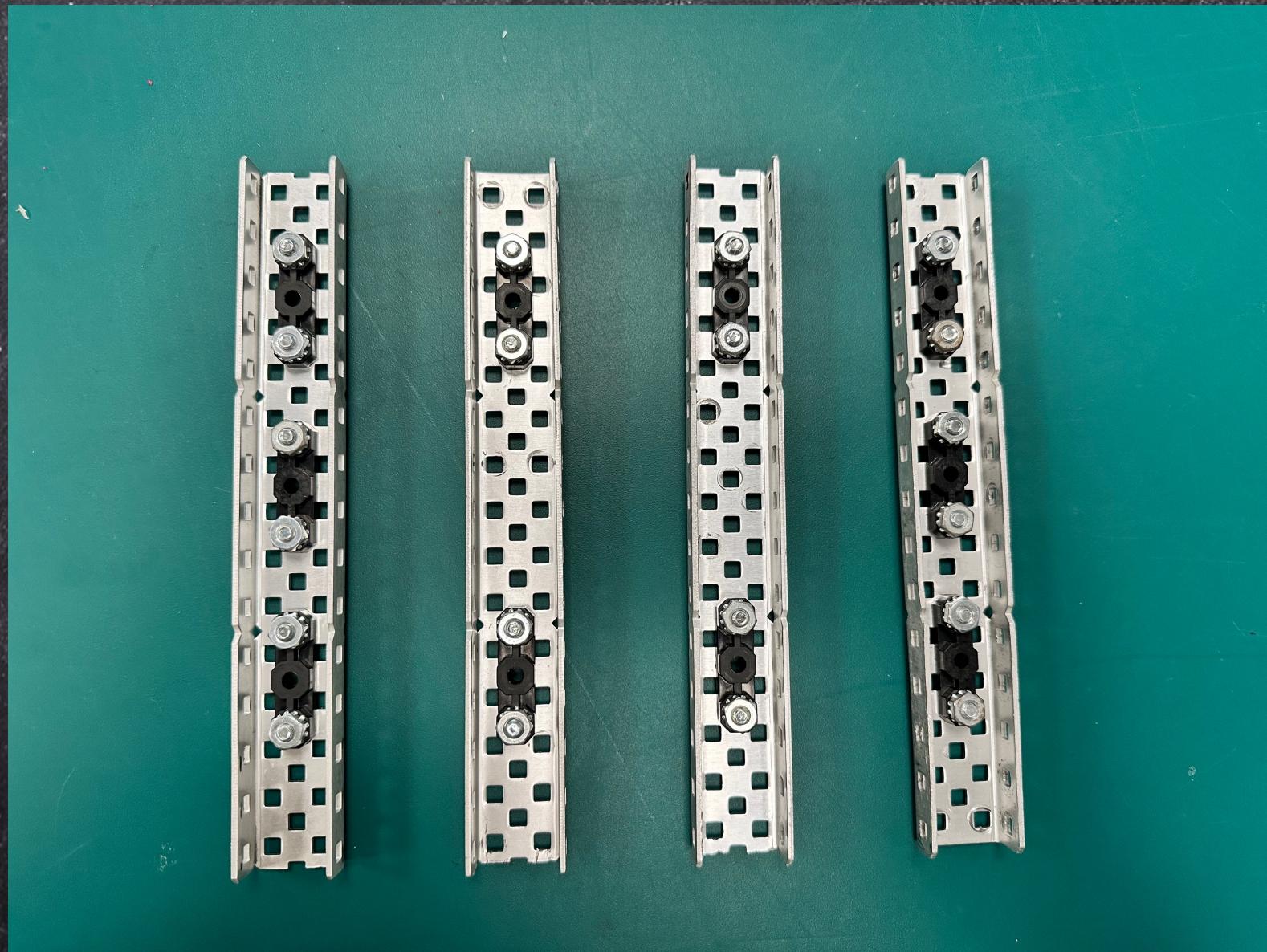
Steps To Build Chassis



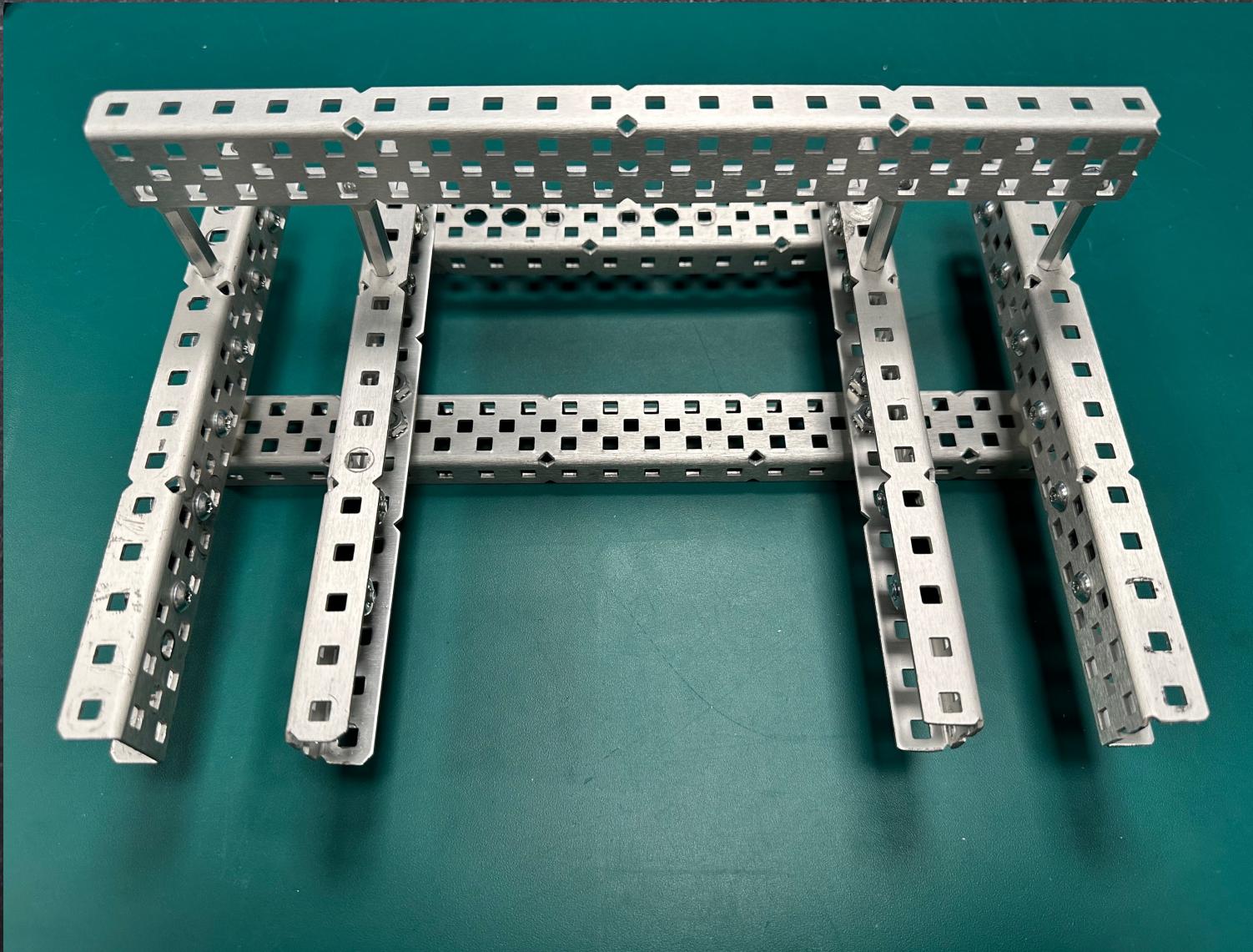
# 步骤一 准备器材



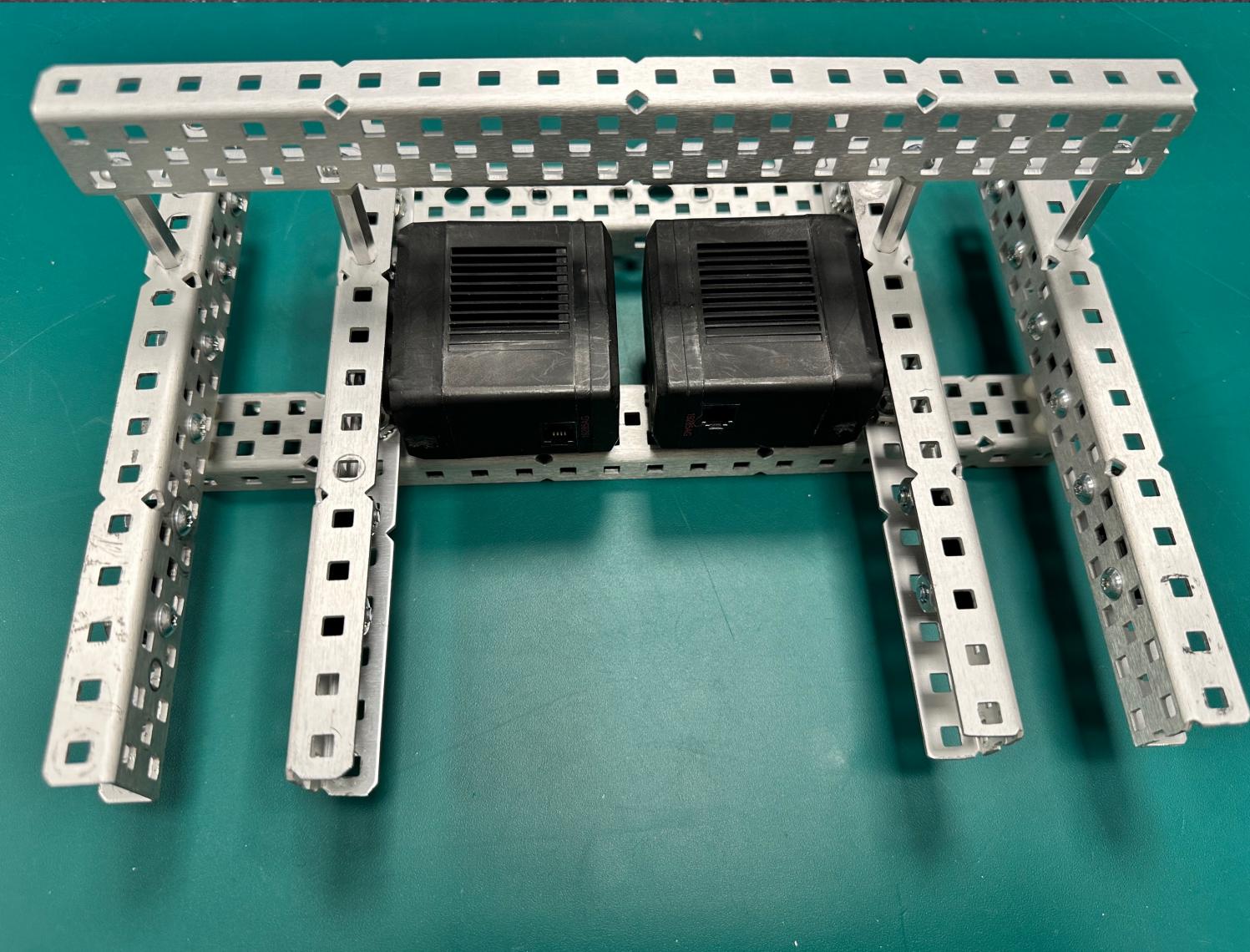
## 步骤二 底盘框架轴承块



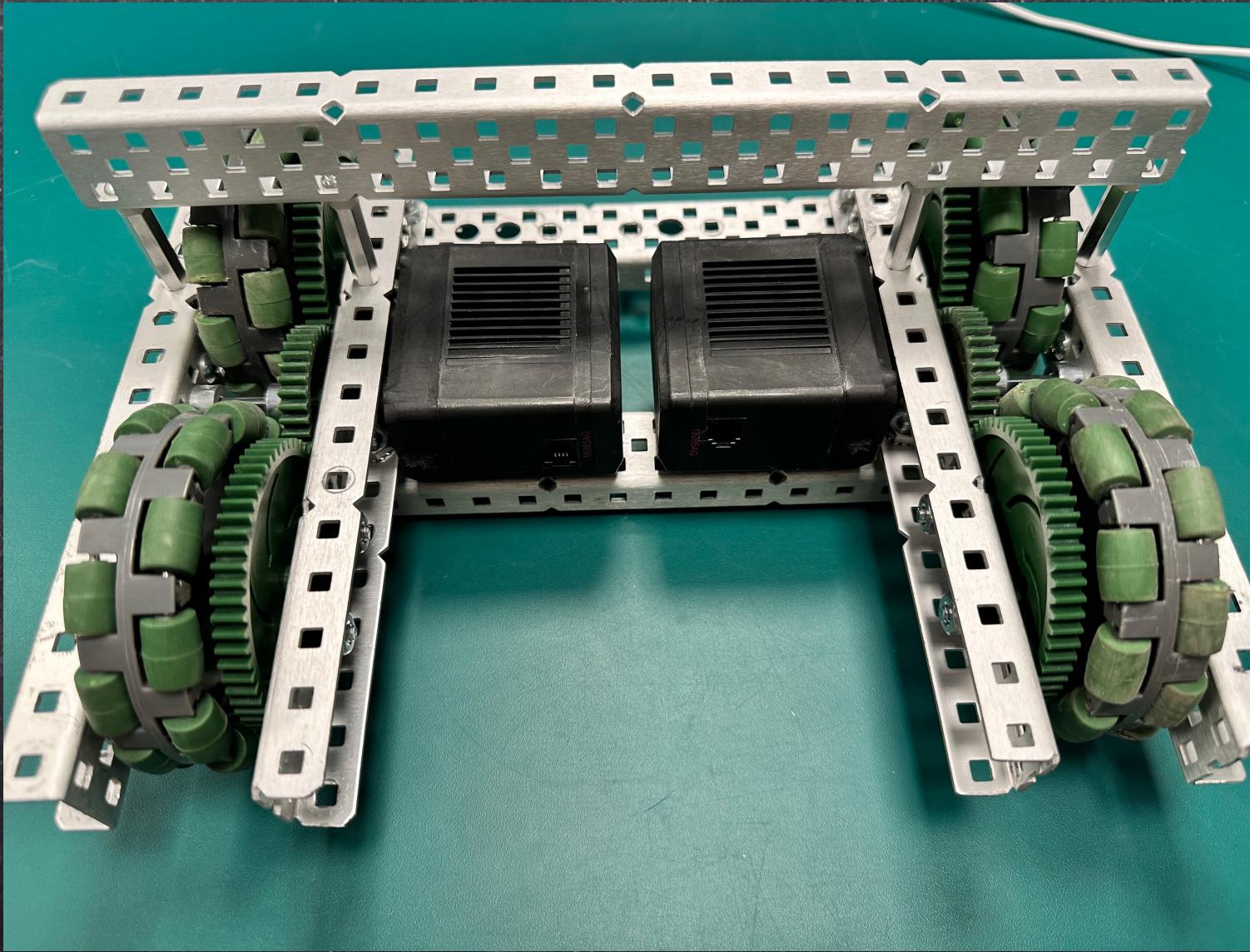
## 步骤三 底盘框架



# 步骤四 电机安装



# 步骤五 万向轮、齿轮安装



# THANK YOU

