

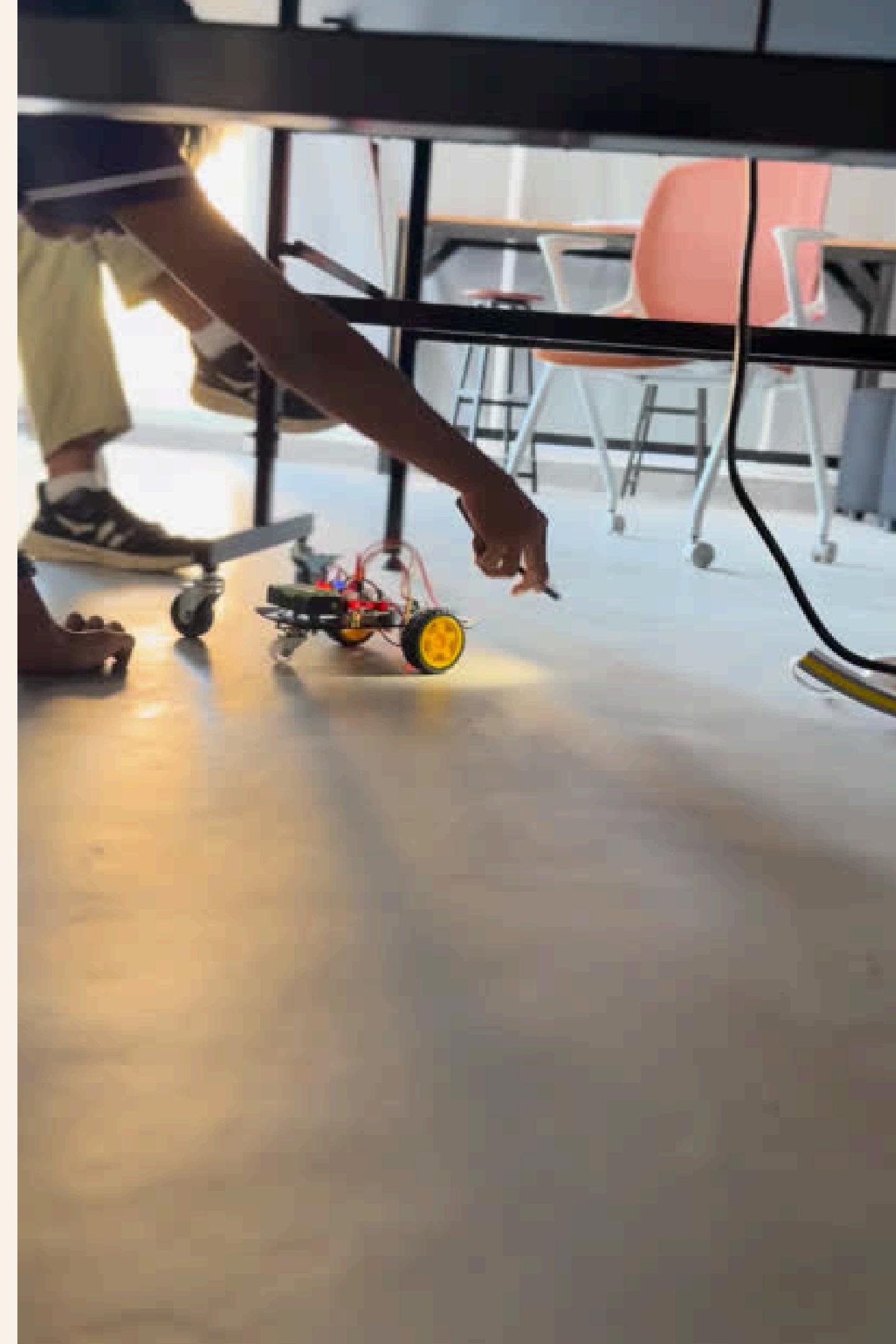
**BUILD YOUR OWN**

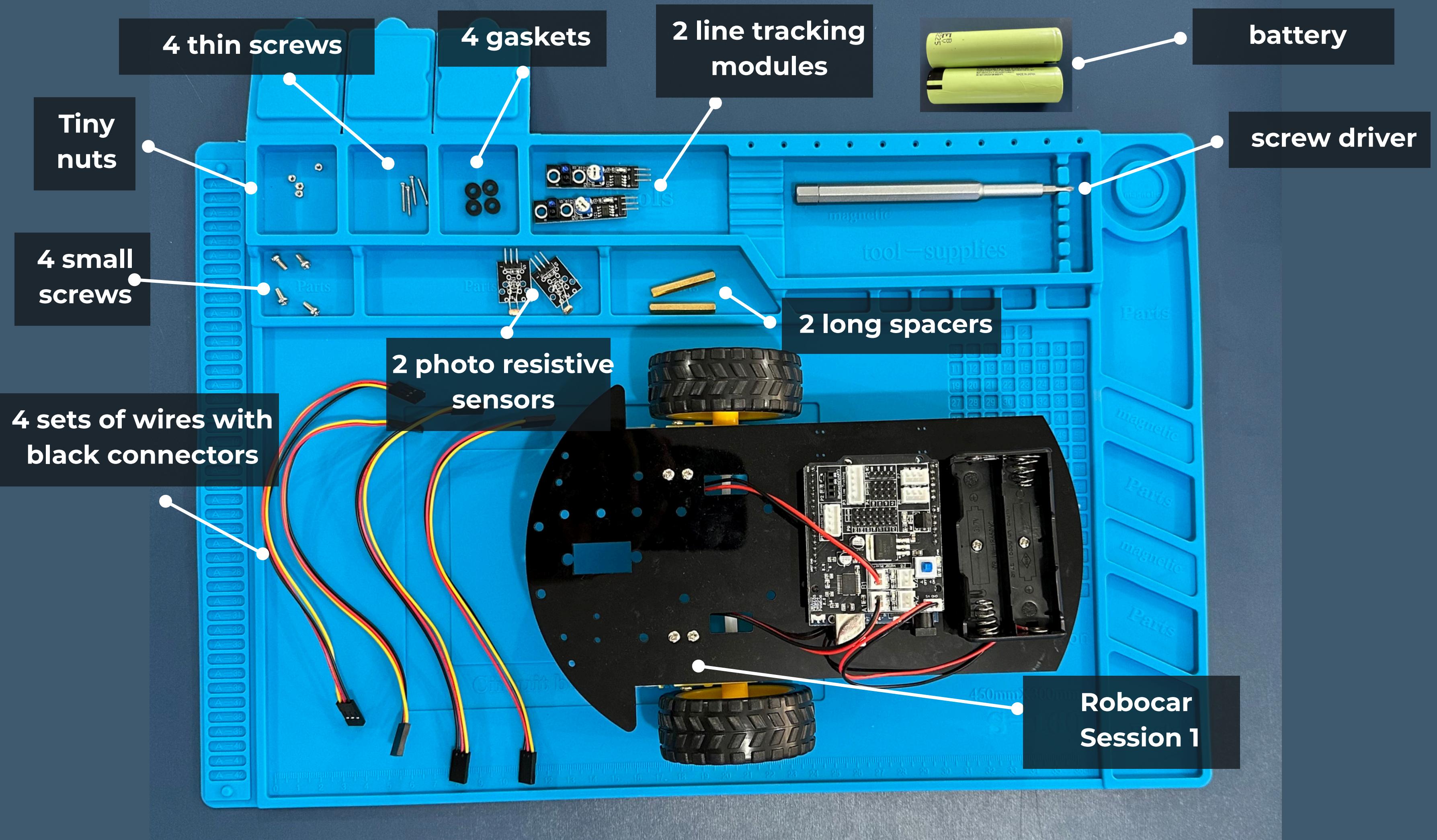
**ROBOCAR**

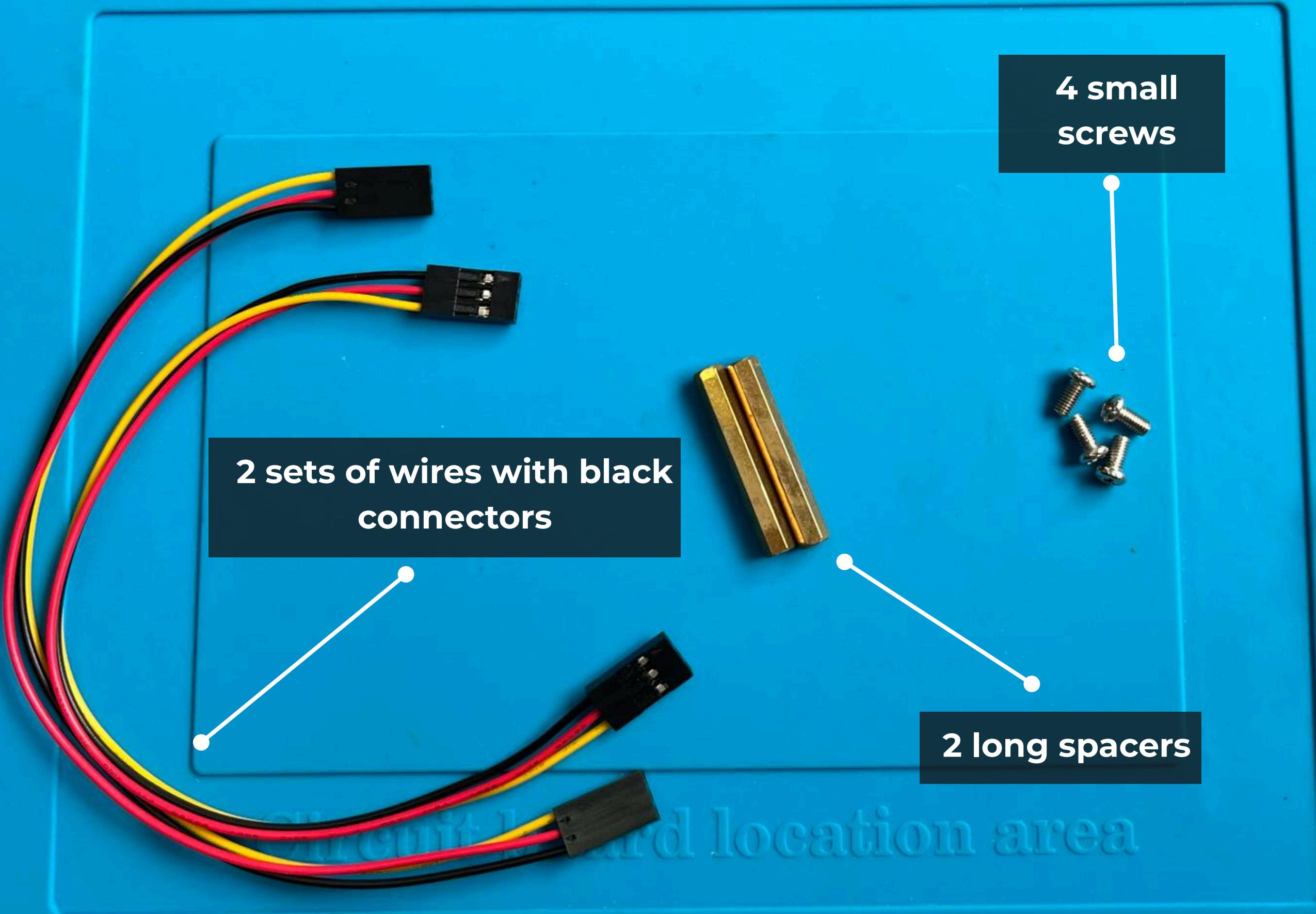
**WORKSHOP**

# Session 2

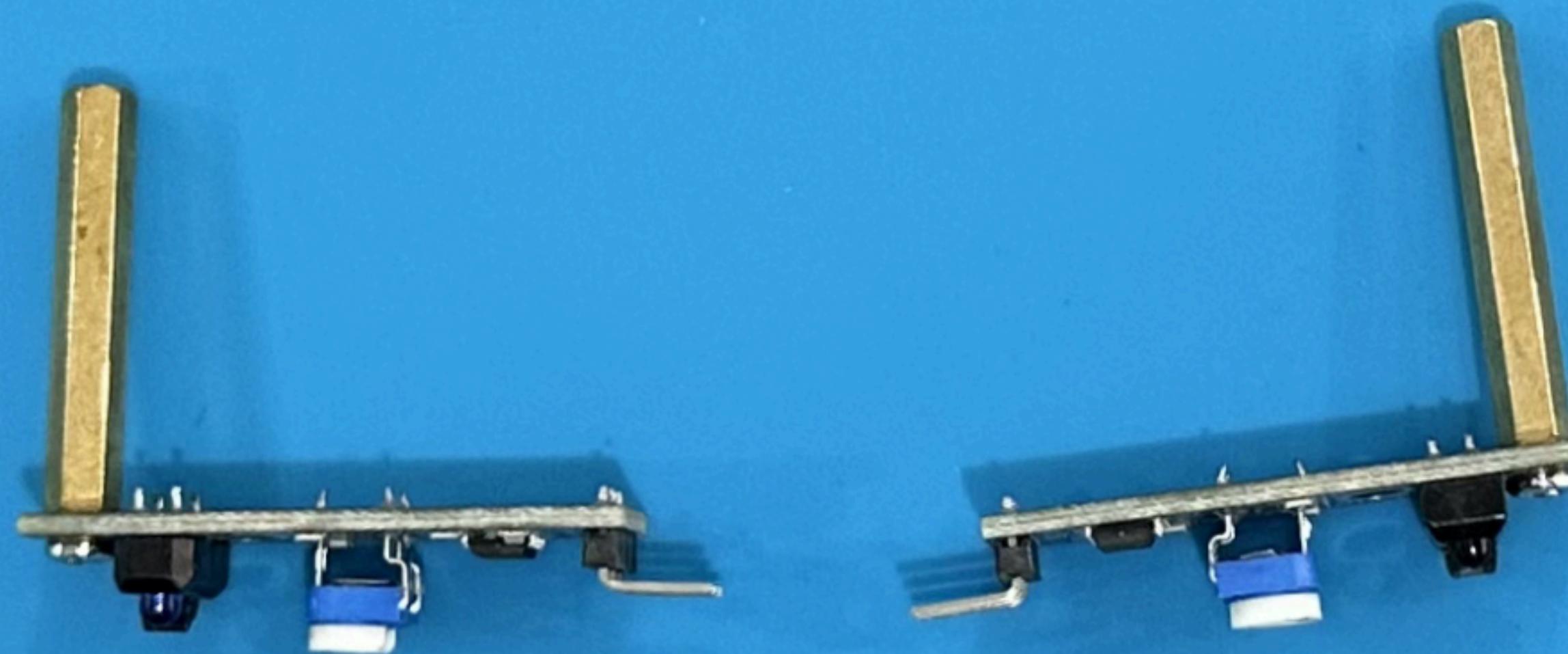
## Line Tracing & Light Seeking



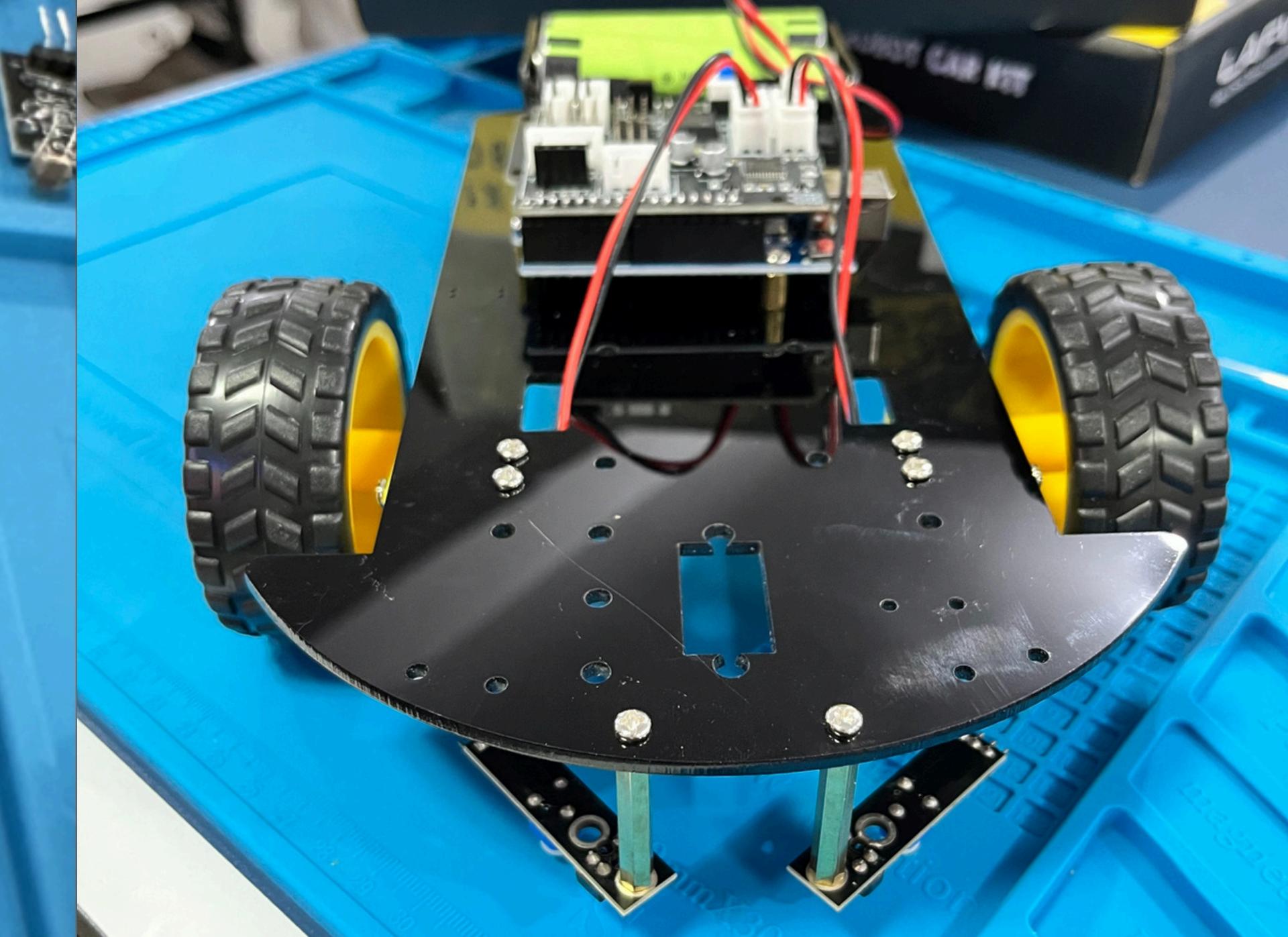
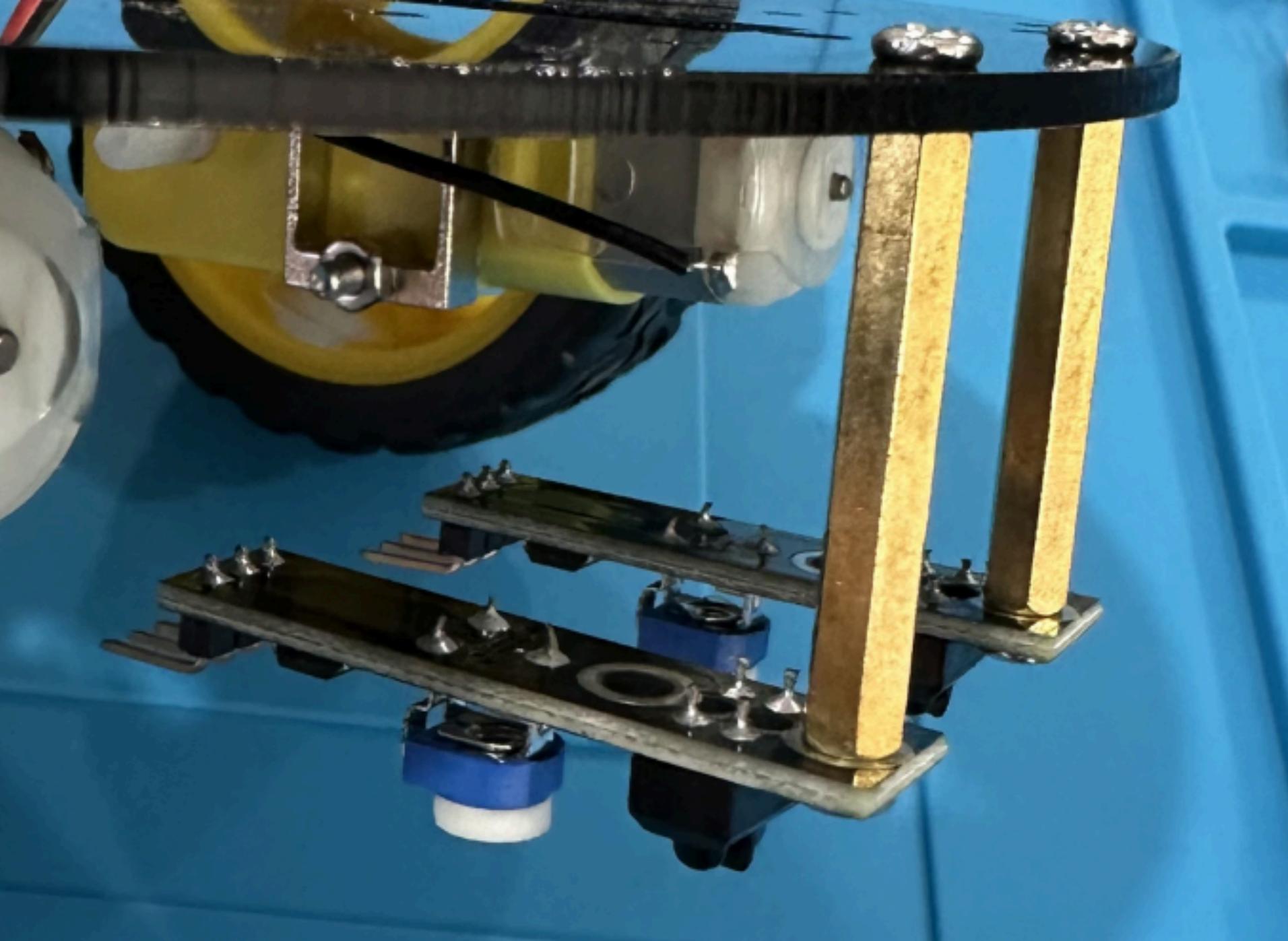




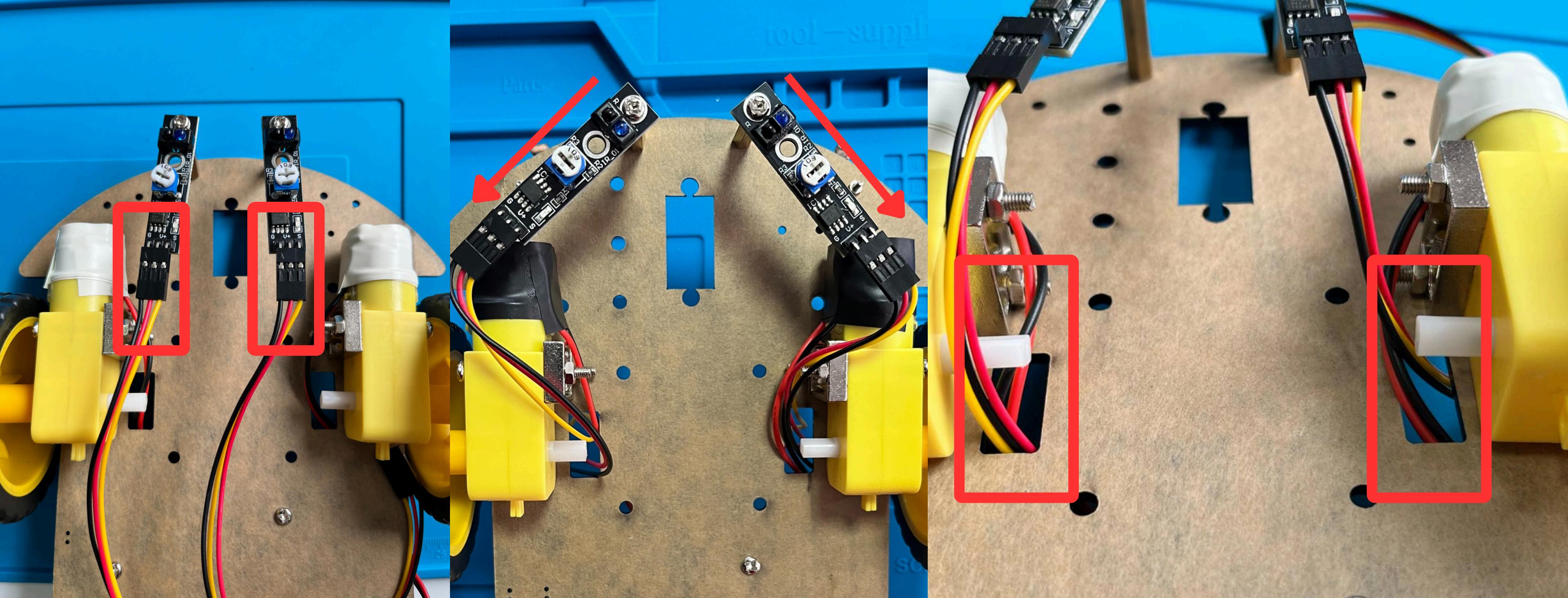
# Prep line tracing components



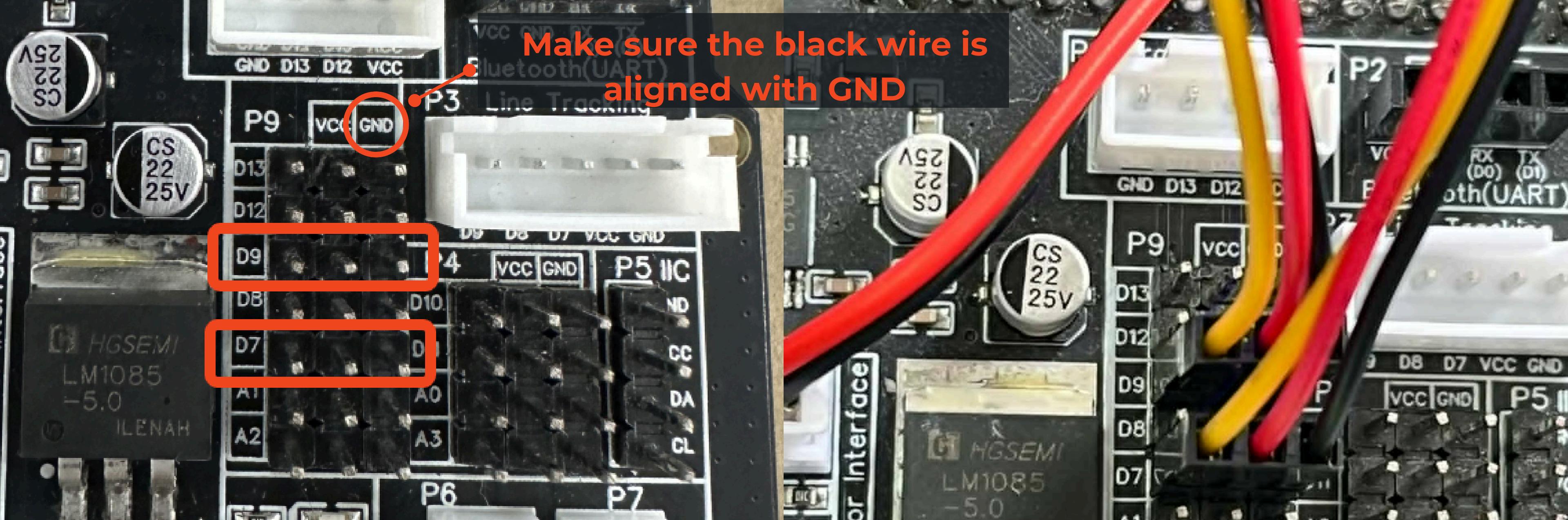
Connect line tracing  
module and spacer using  
small screw



Attach line tracing  
module to the base



Connect the motor wires to the line tracing module and make sure the black wire is connected to the G (Ground), after that insert them through the hole.



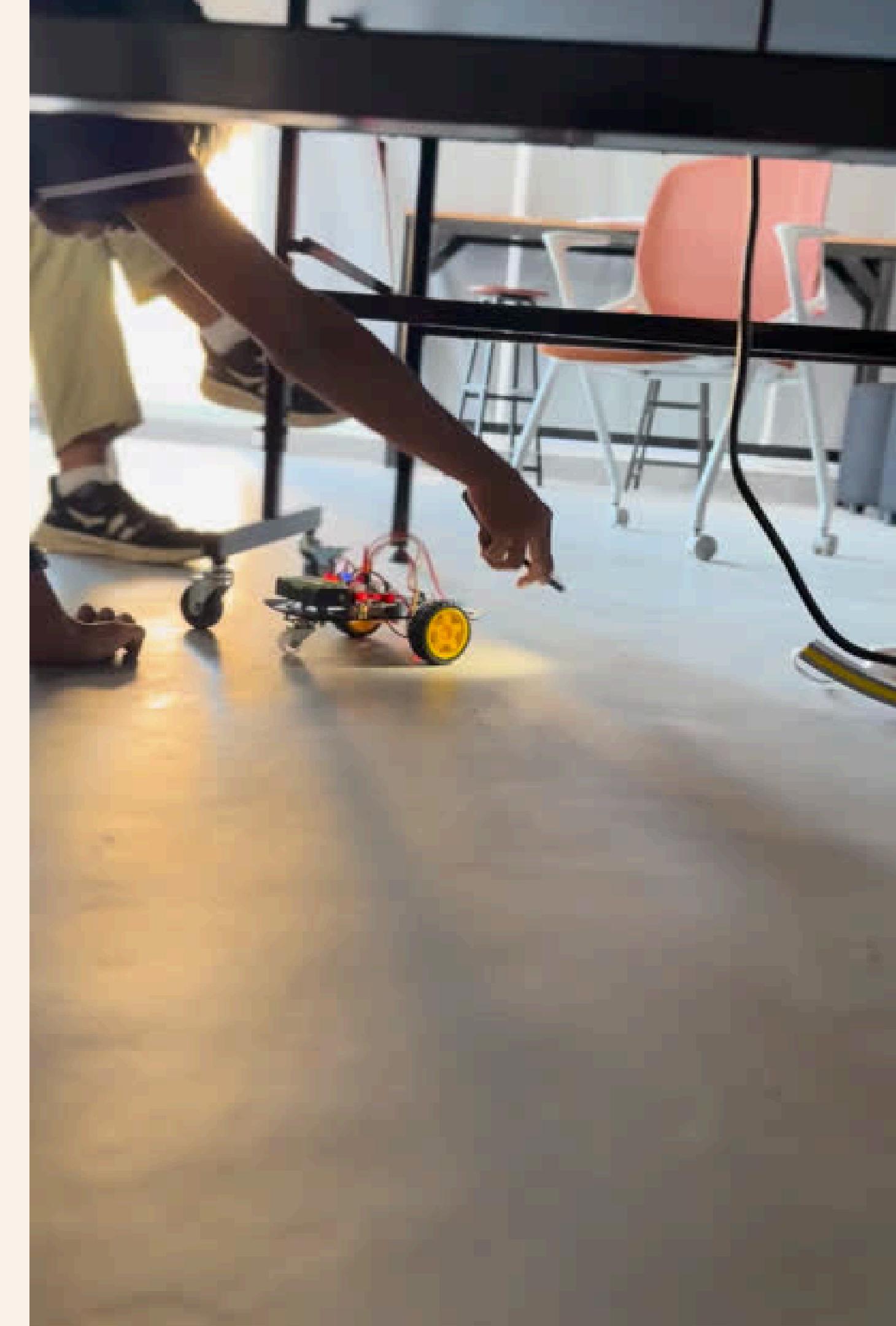
Plug the black connectors to the Arduino

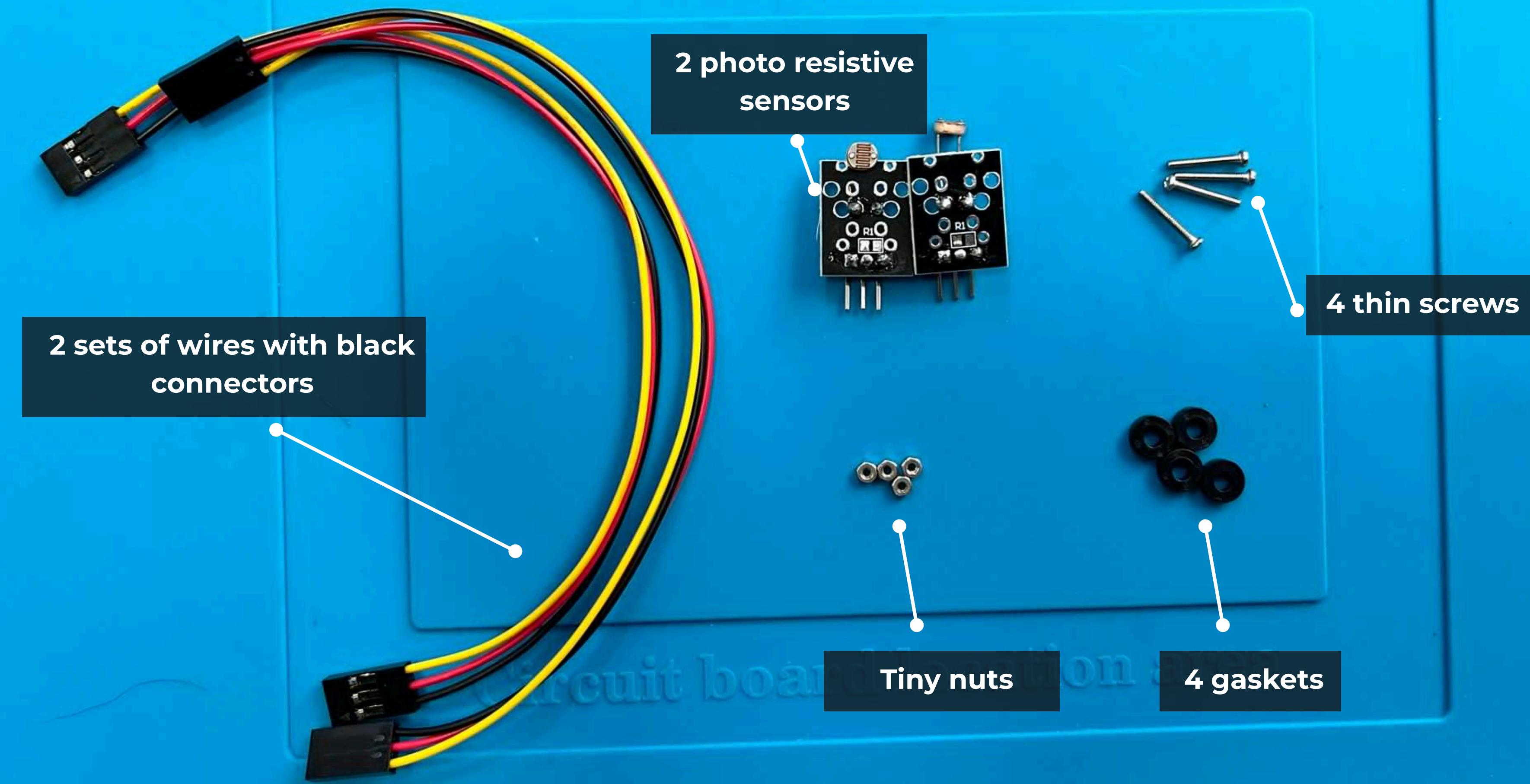
D7 - left   D9 - right

**Put batteries &  
Input the code in**

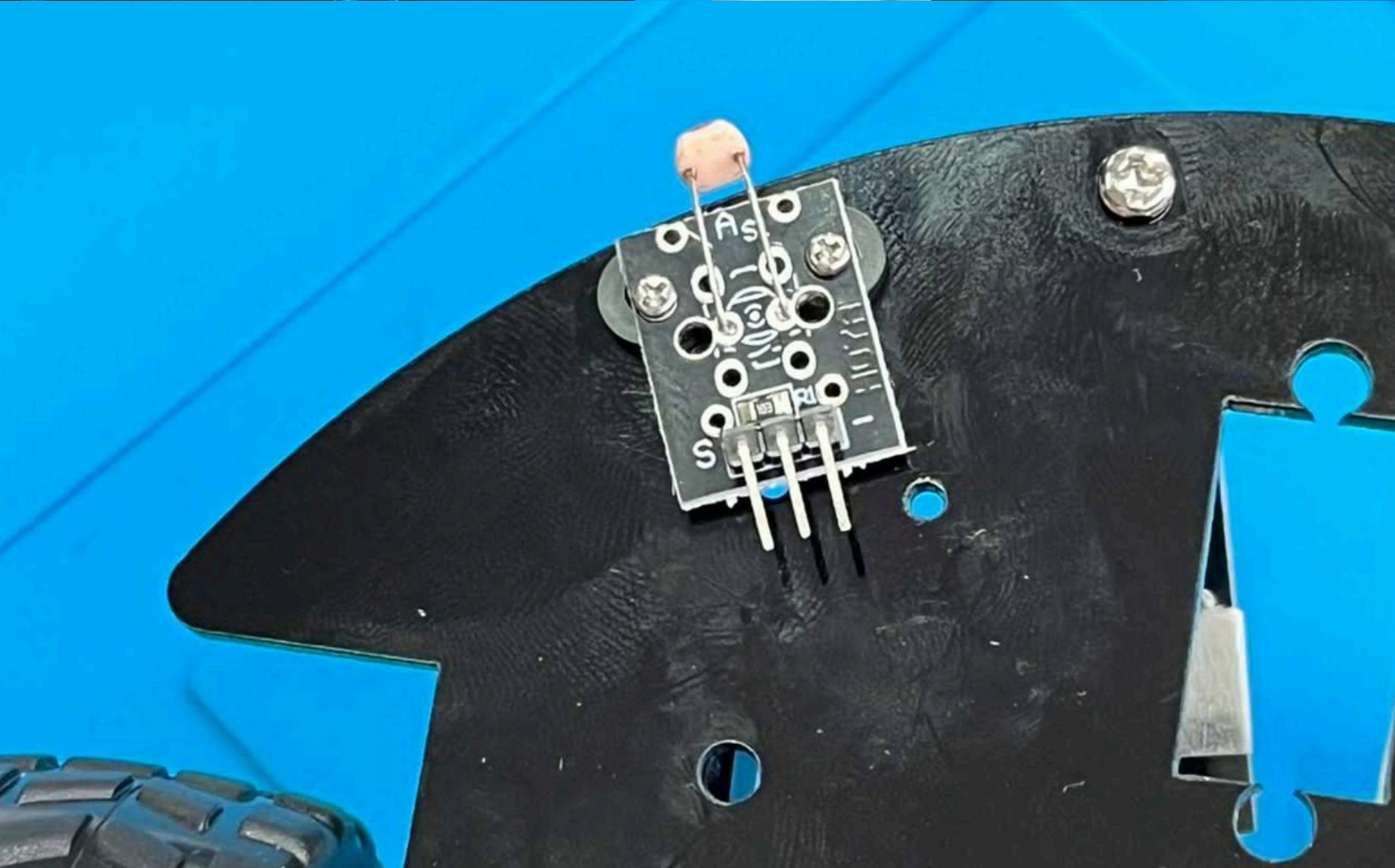
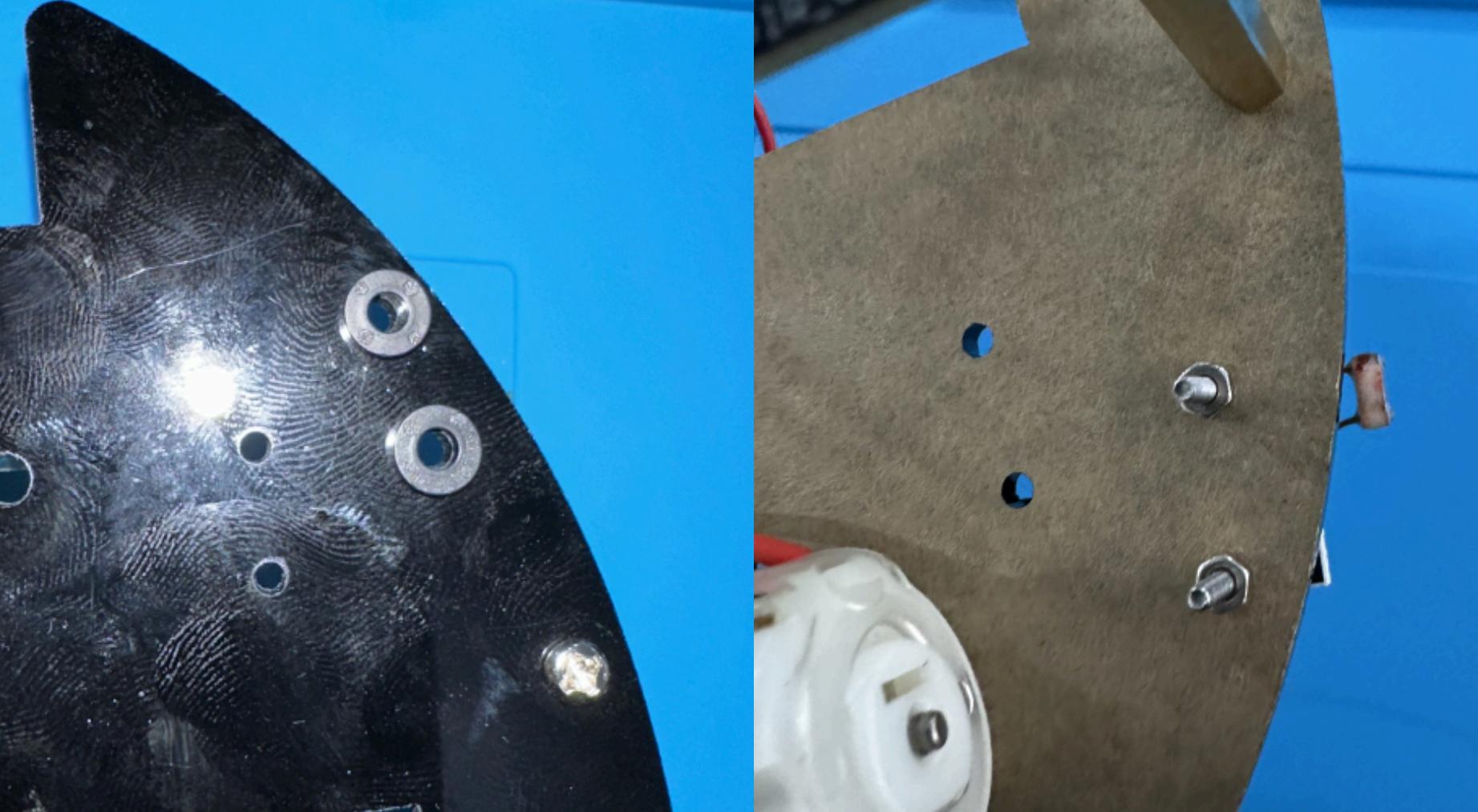
# Session 2

## Line Tracing & Light Seeking

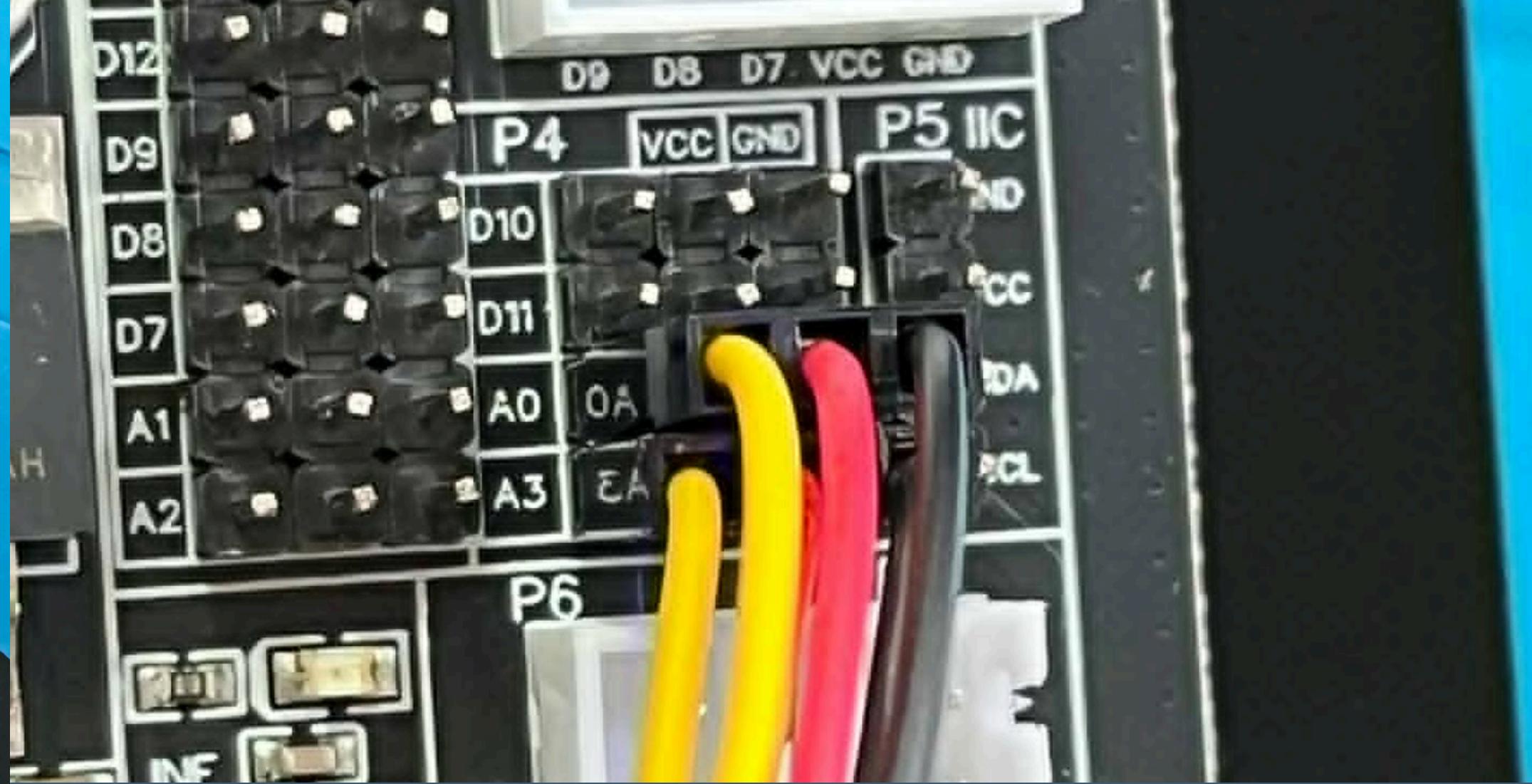
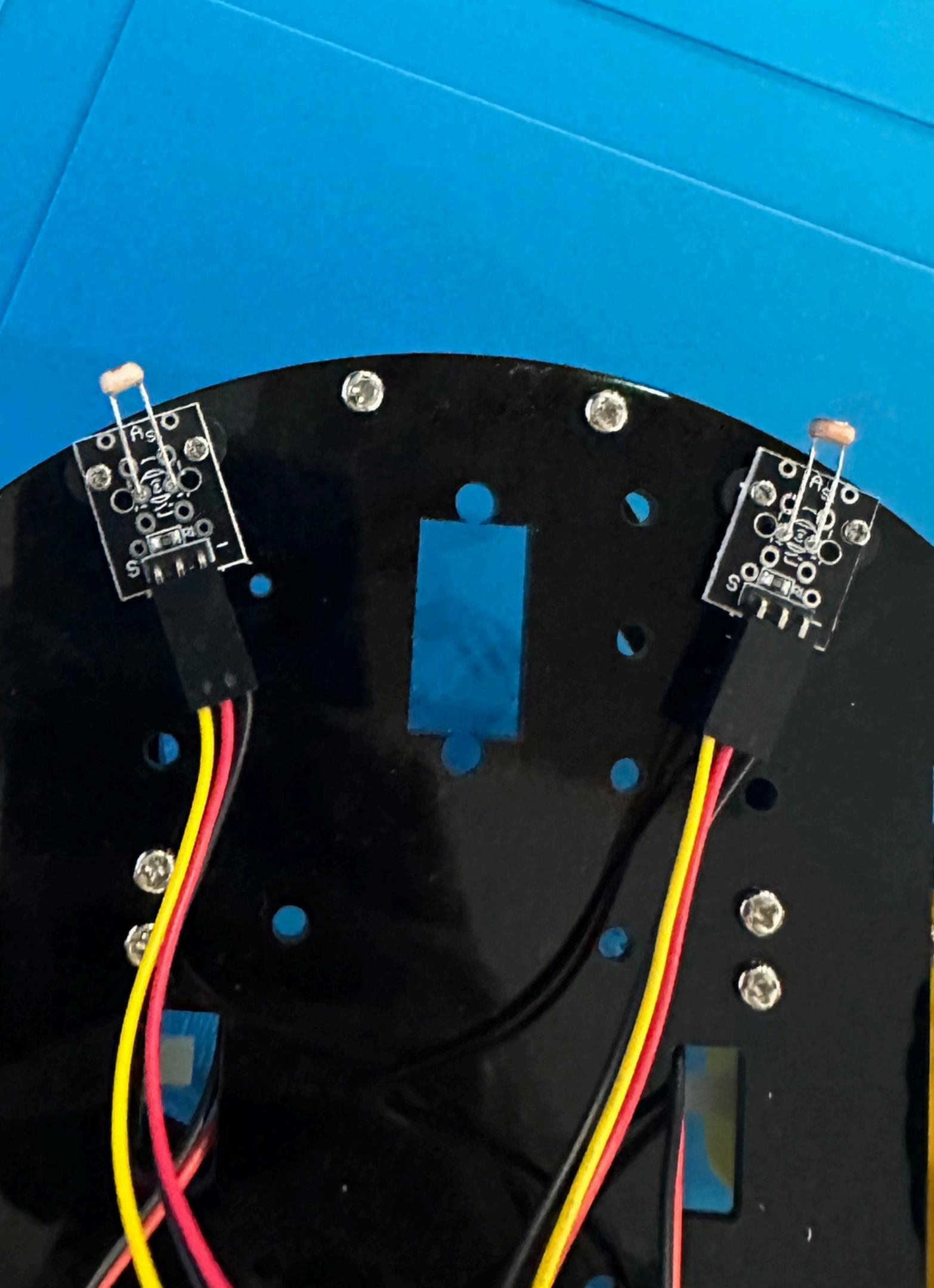




# Prep light seeking components



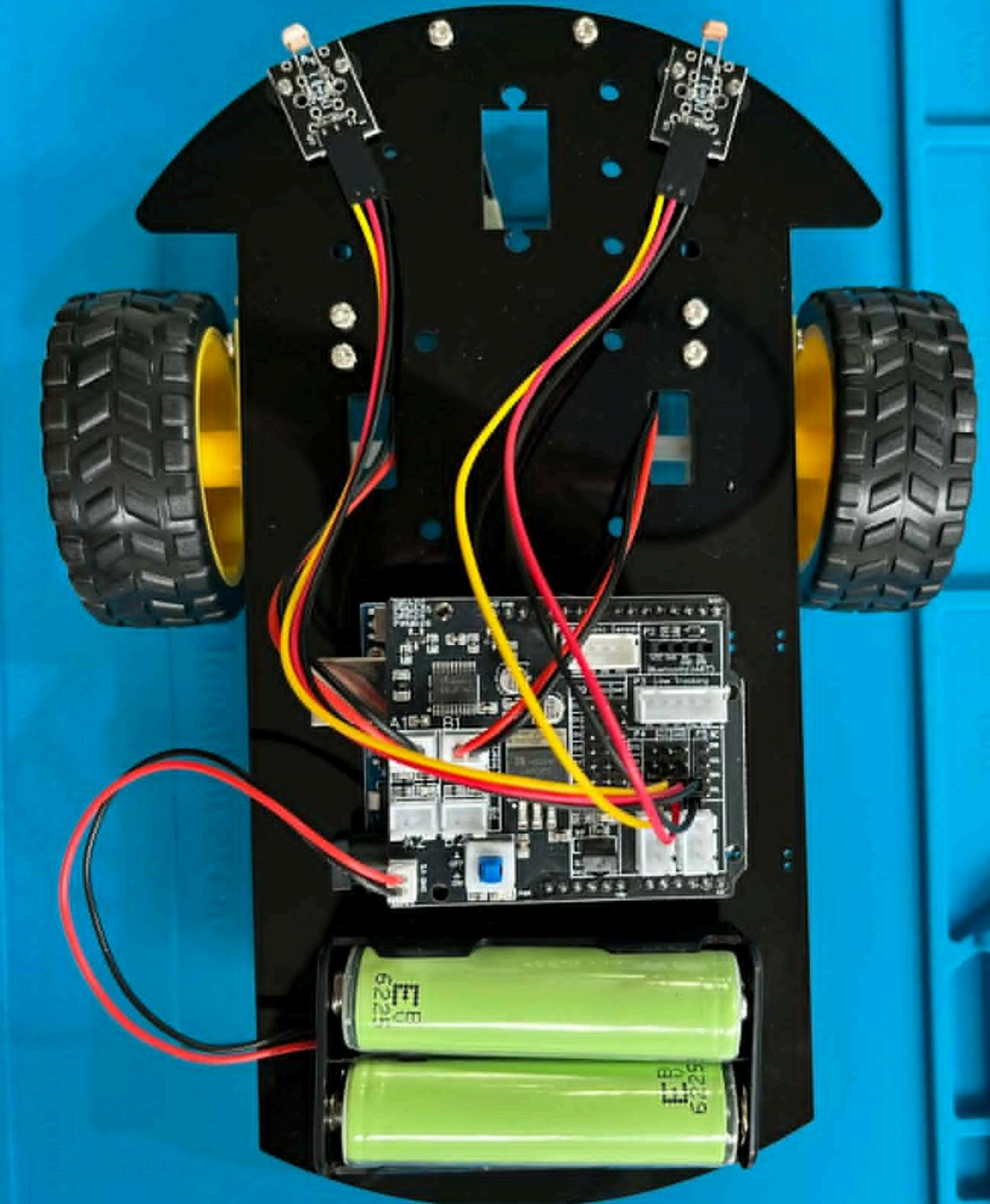
Attach photo  
resistive  
sensors



Connect wires  
to Arduino

A0 - right    A3 - left

Put the  
batteries in



**Put in code**