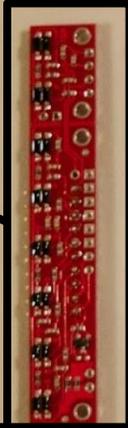


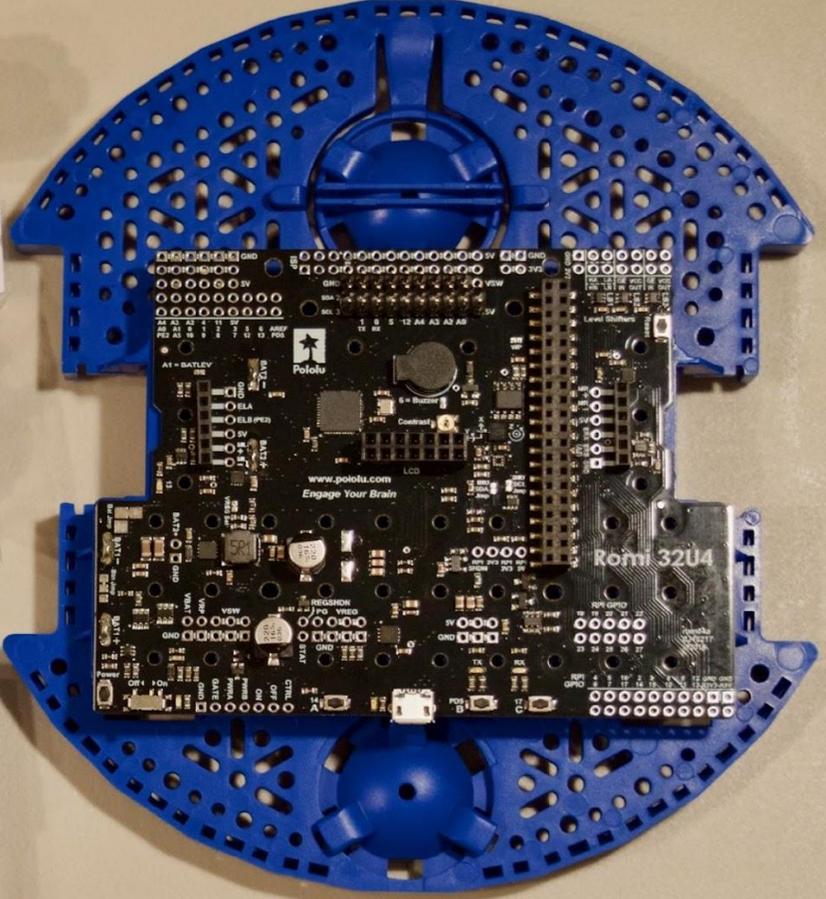
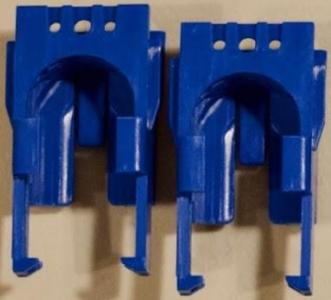
# Romi Robot Assembly

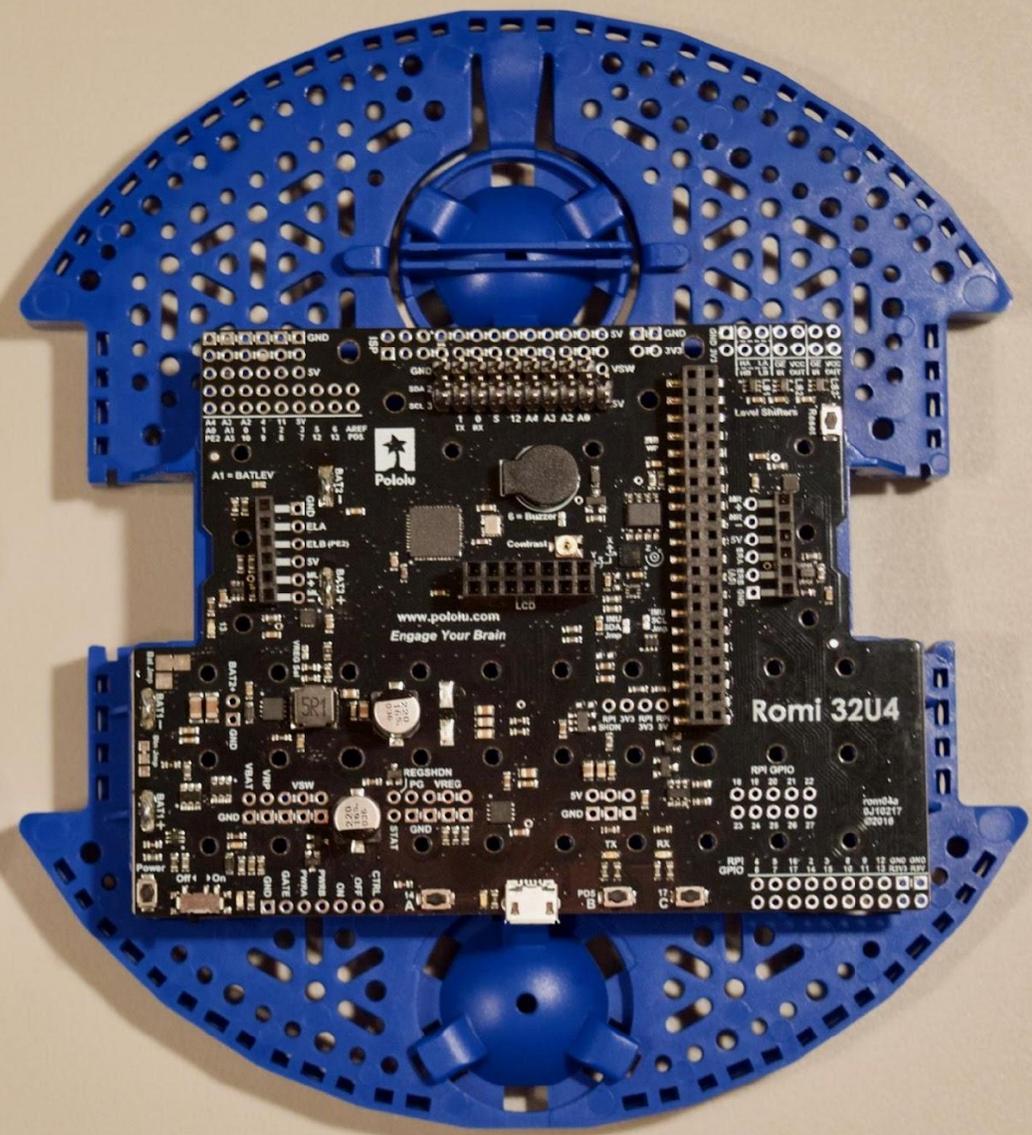
Spring 2026

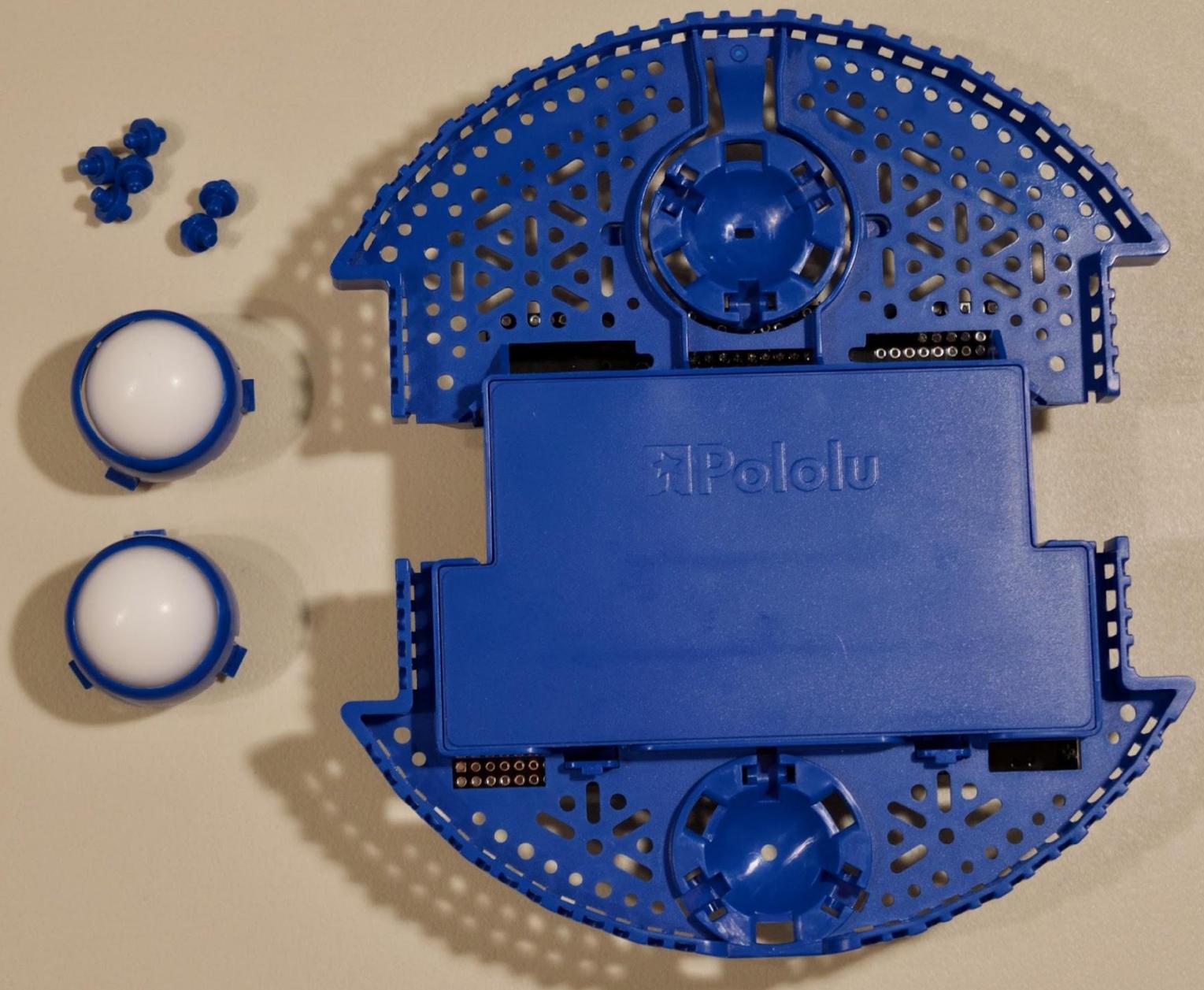
We will hand this out later

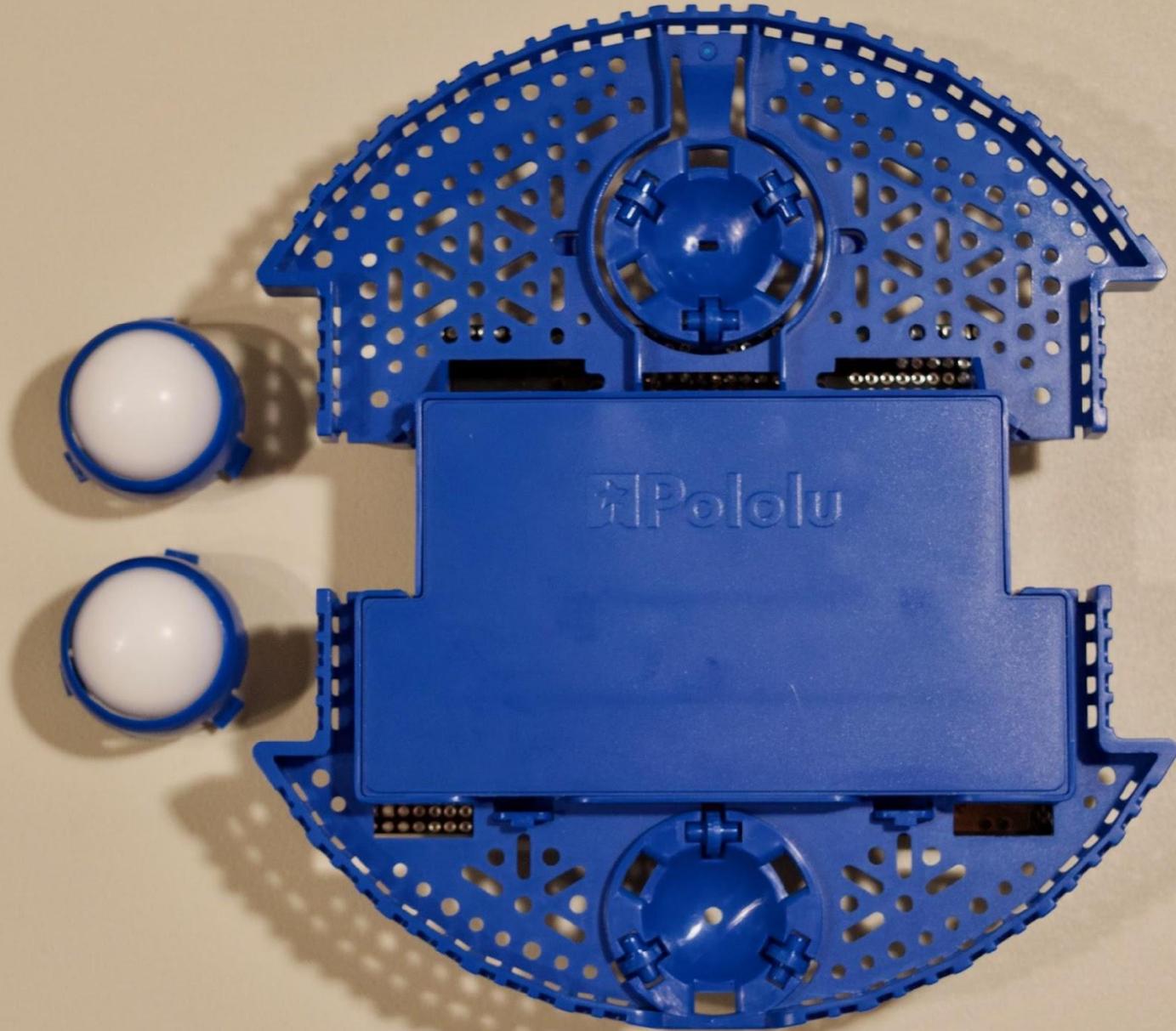


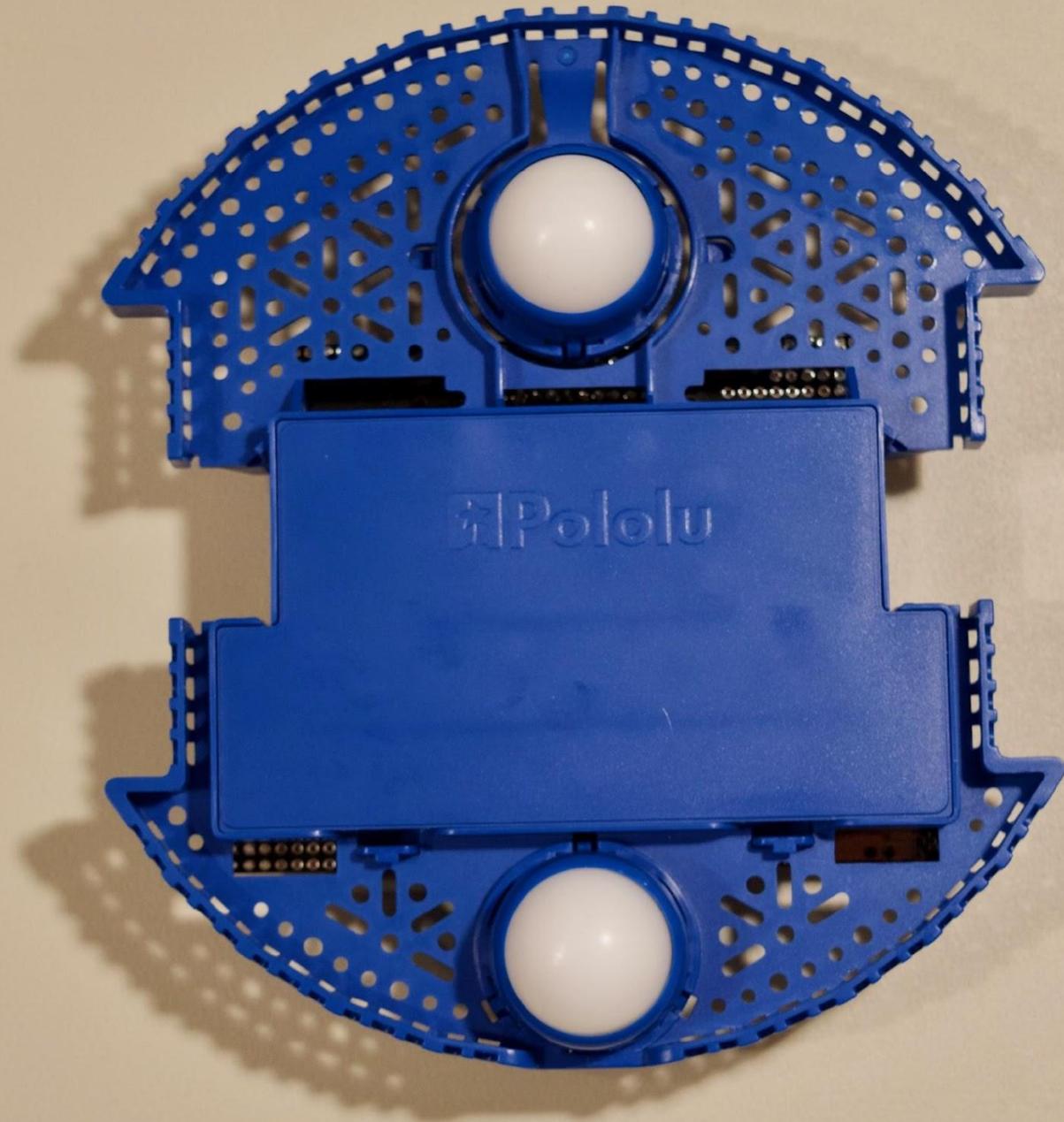
Might already be installed on robot

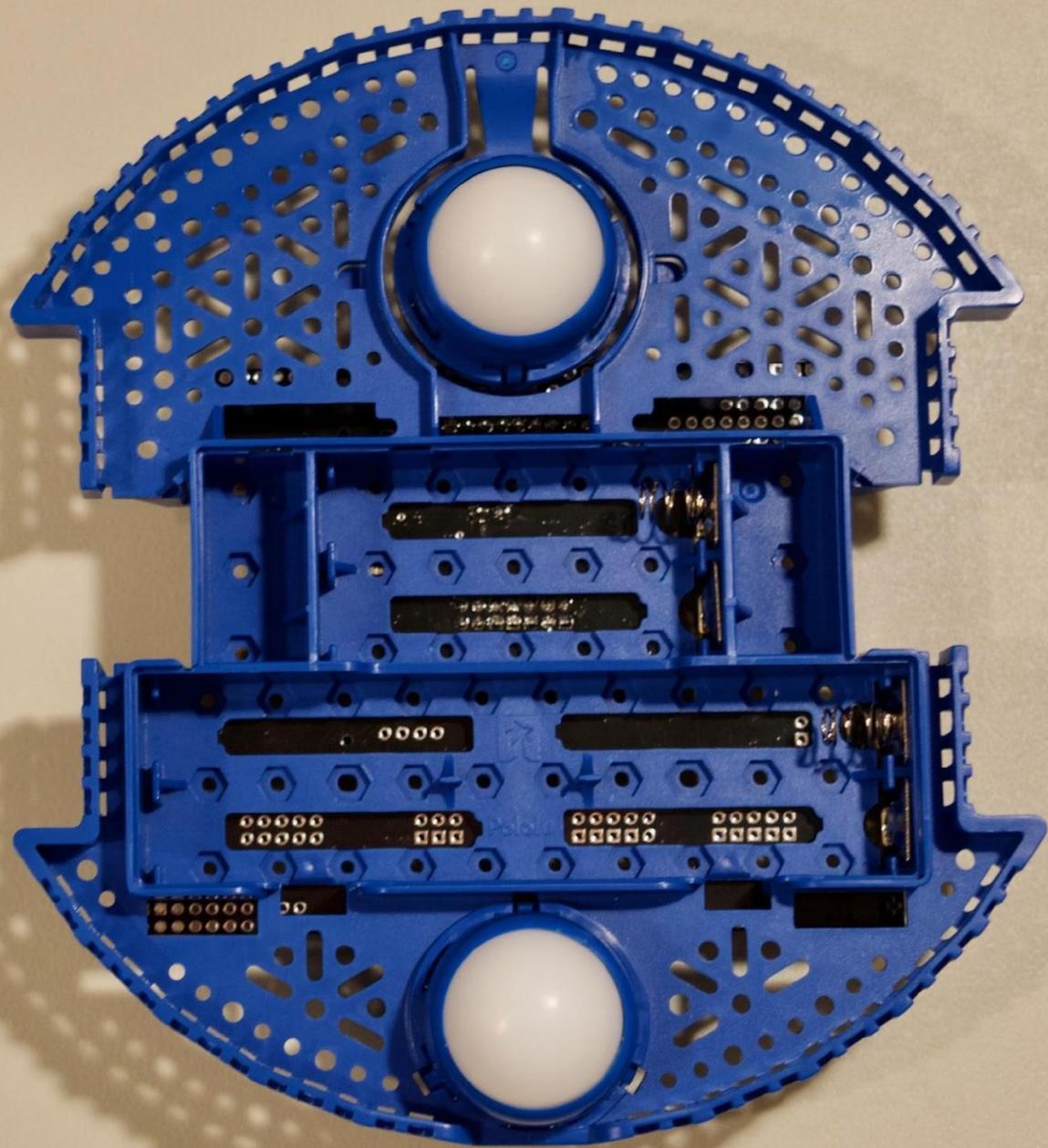




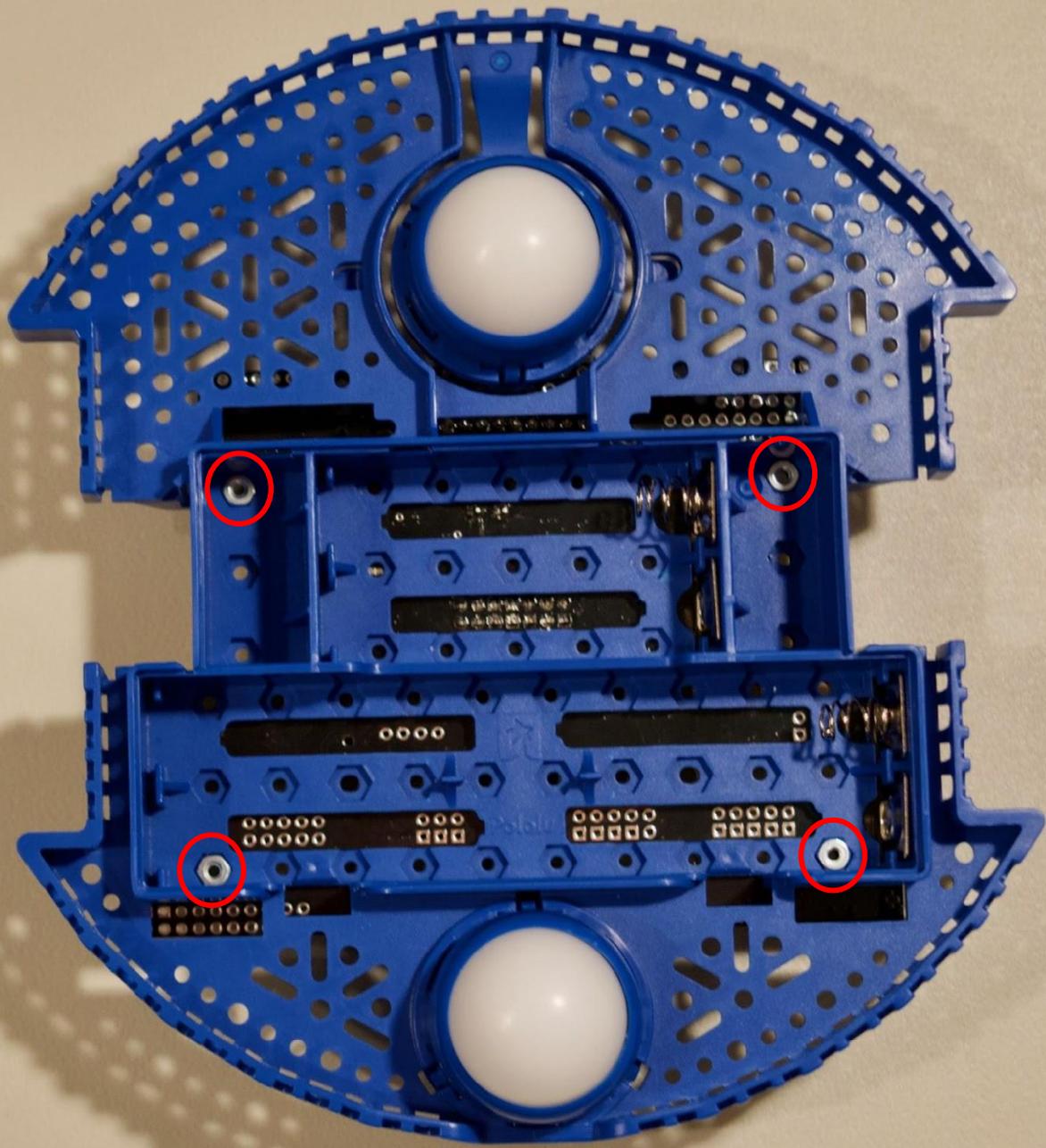


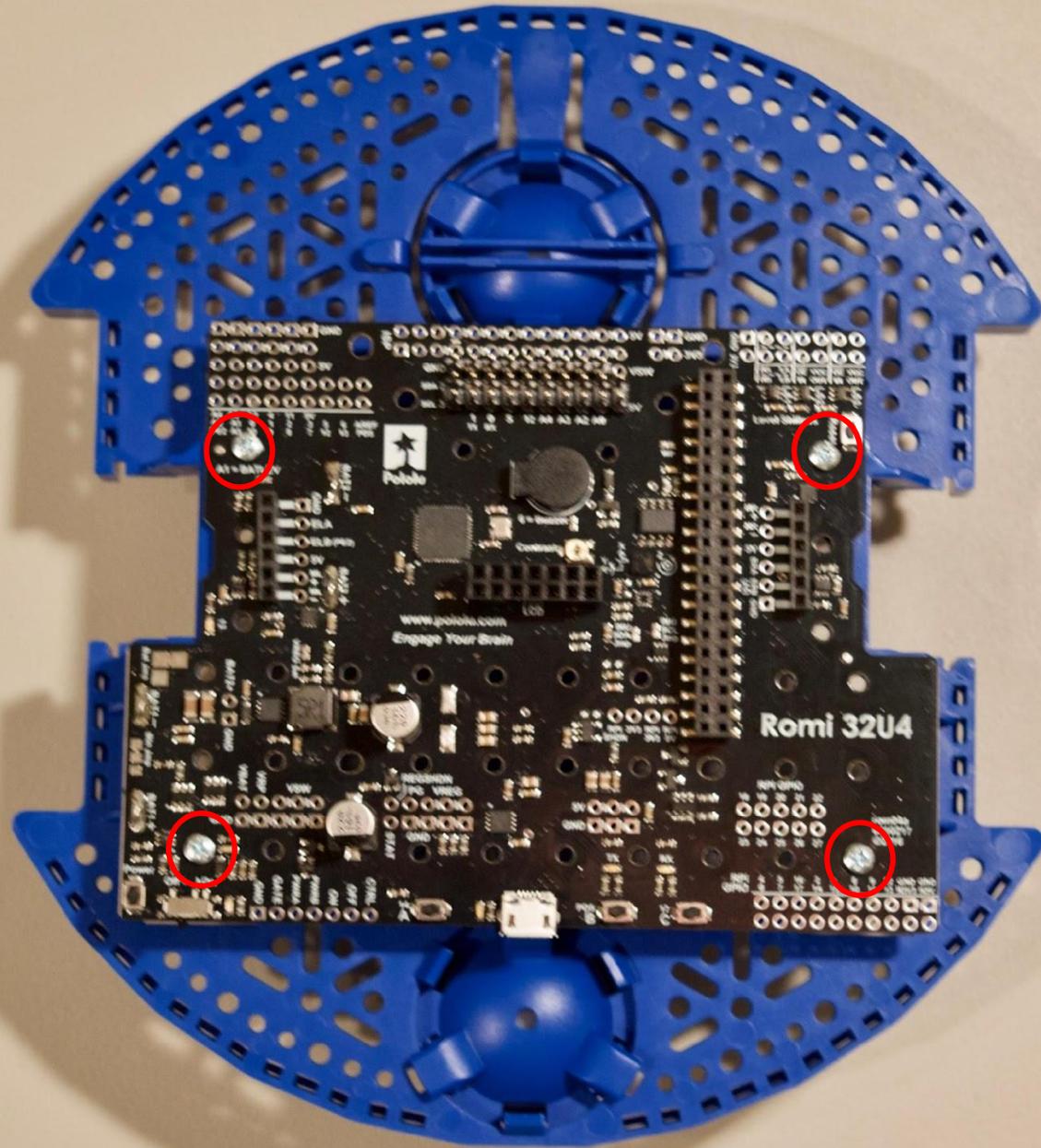


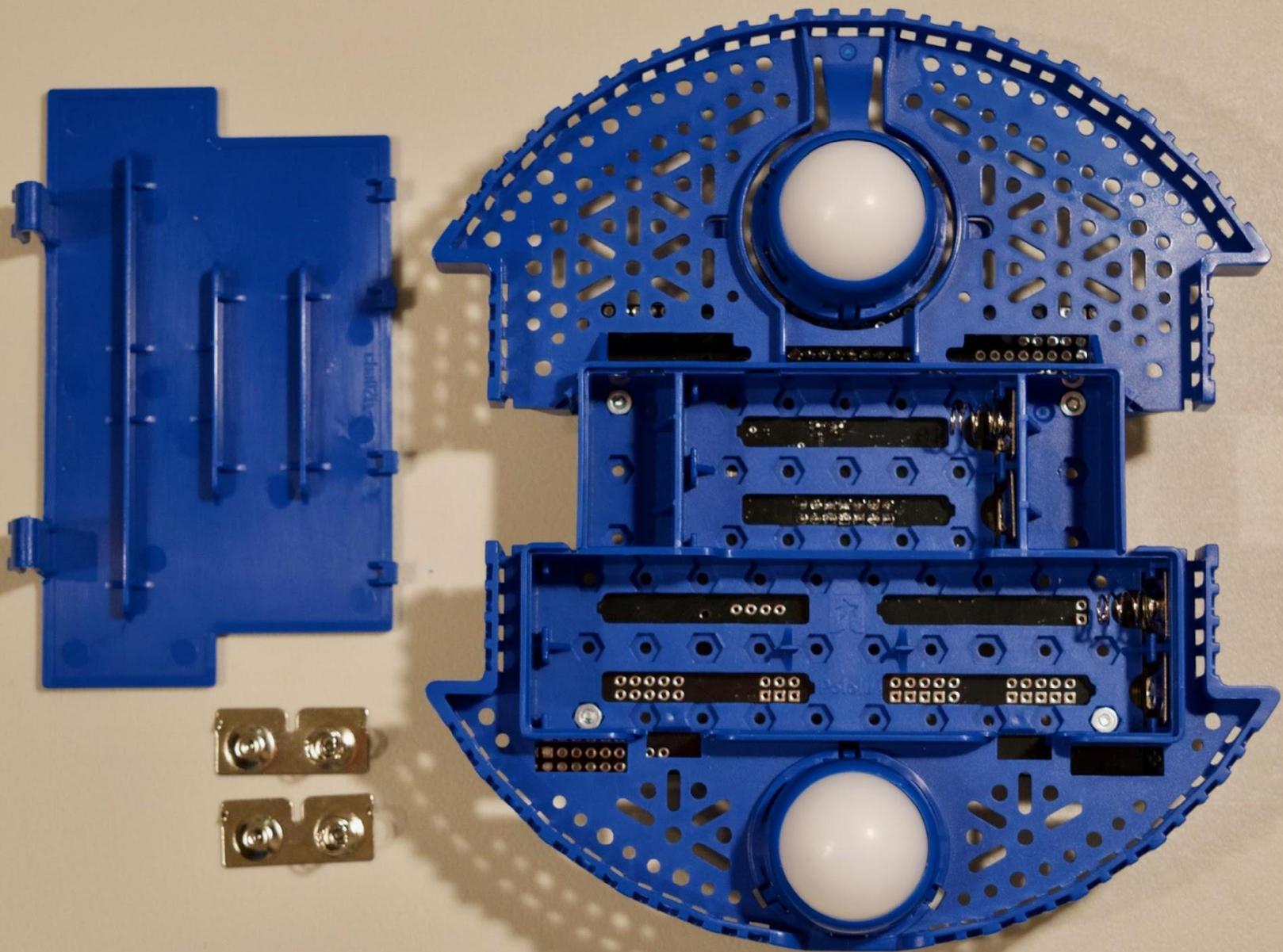


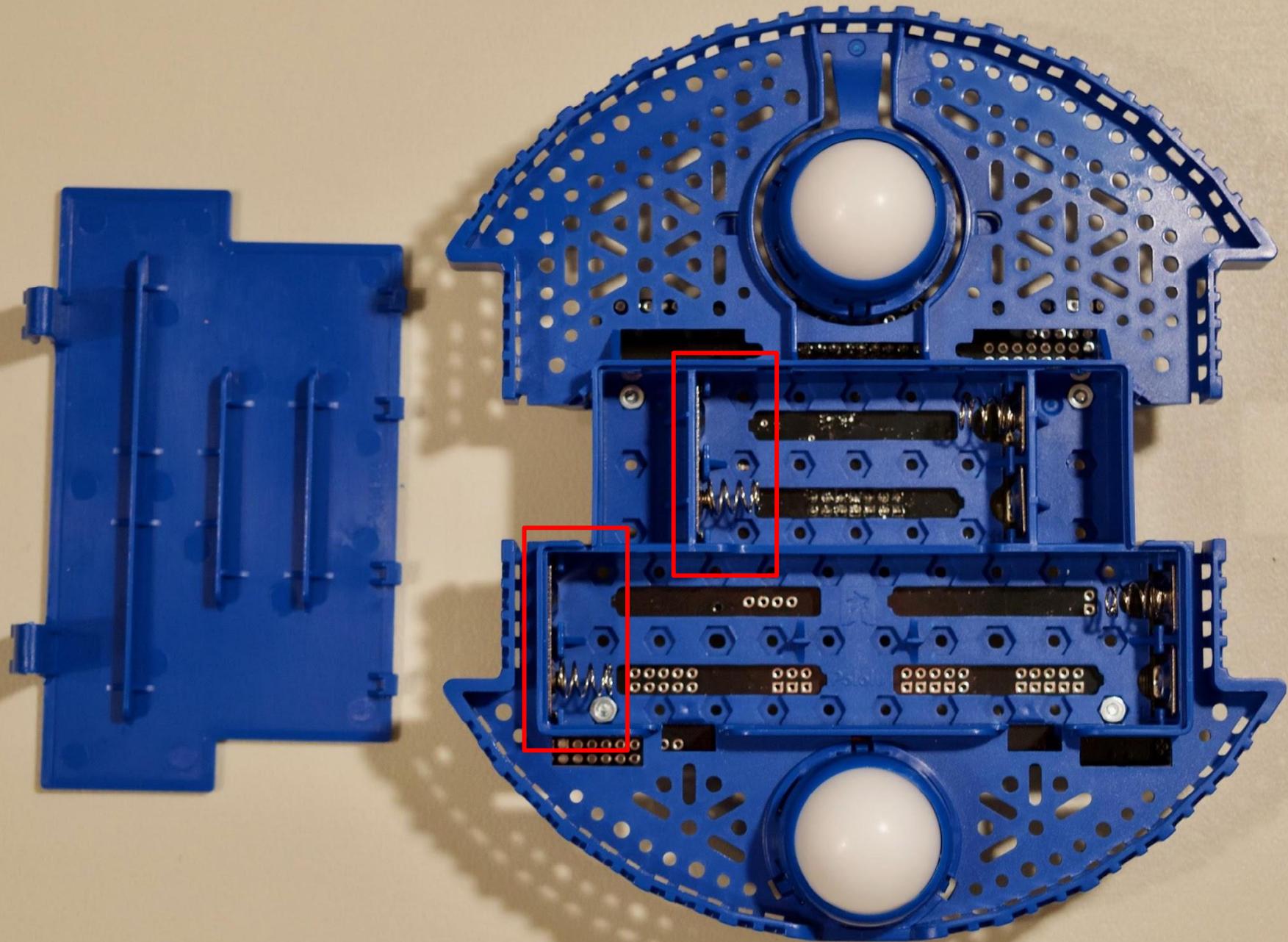


These are in the silvery bag!



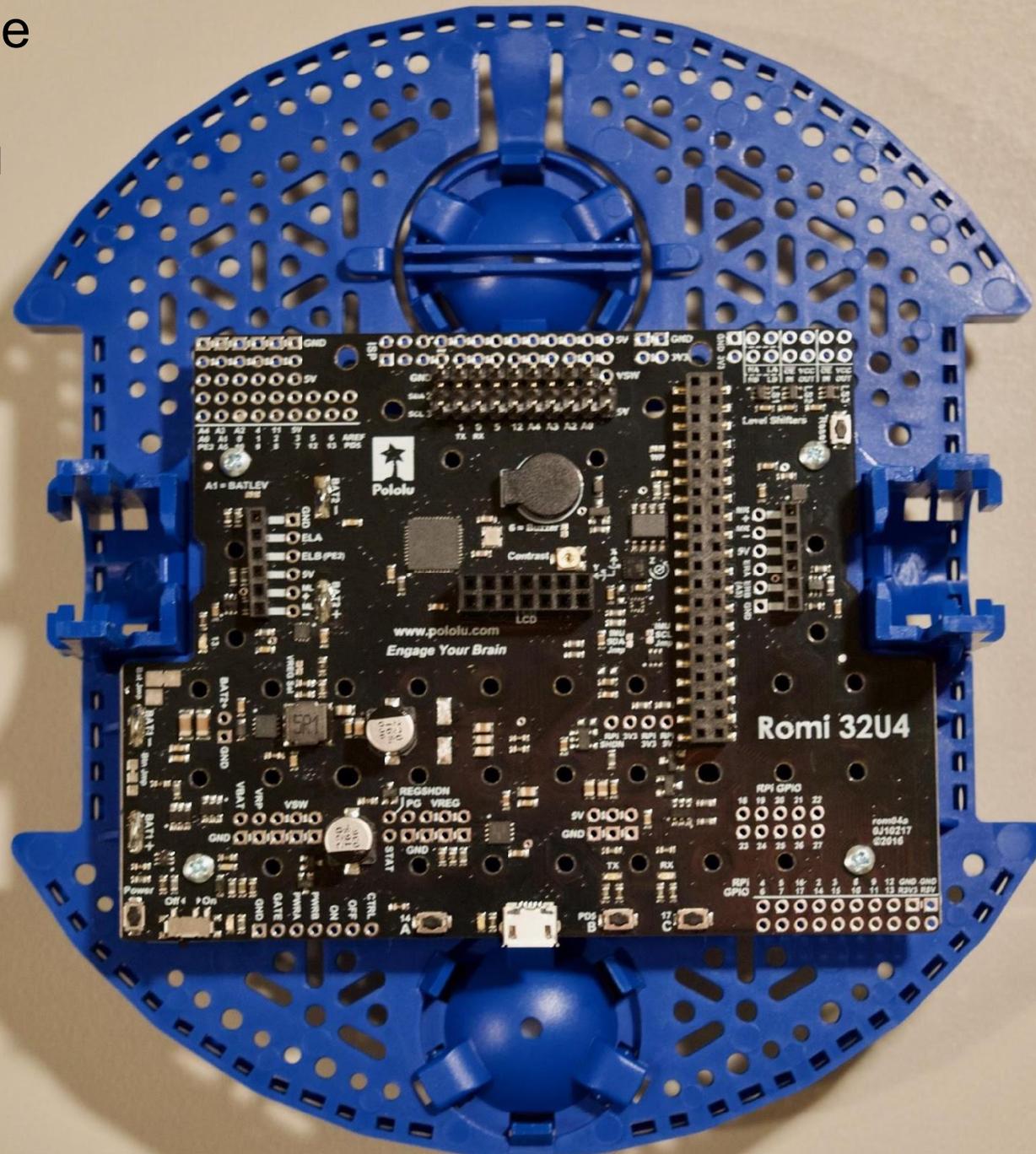




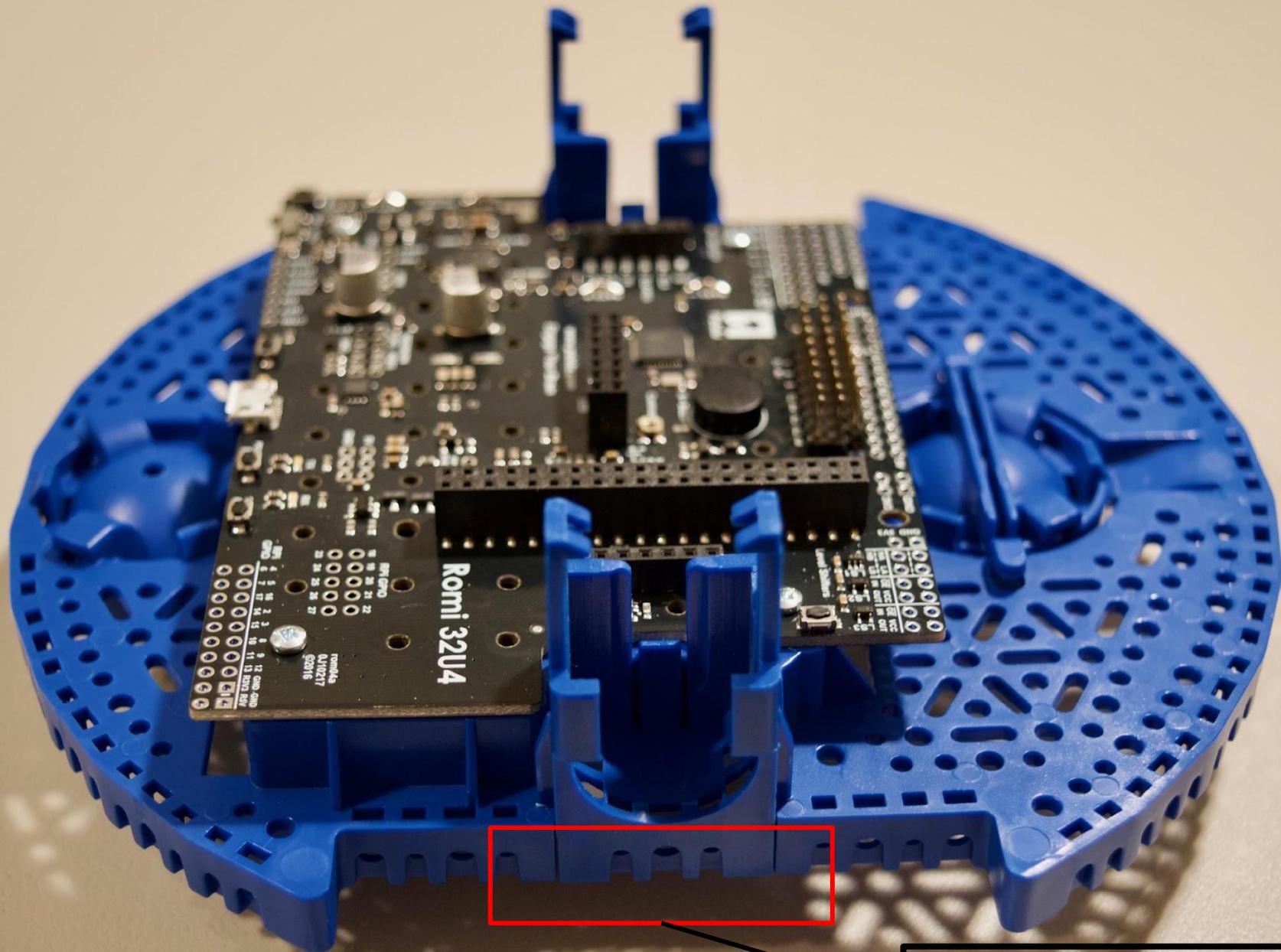




Motor clips slide in from the bottom up. You will need to be rather forceful.

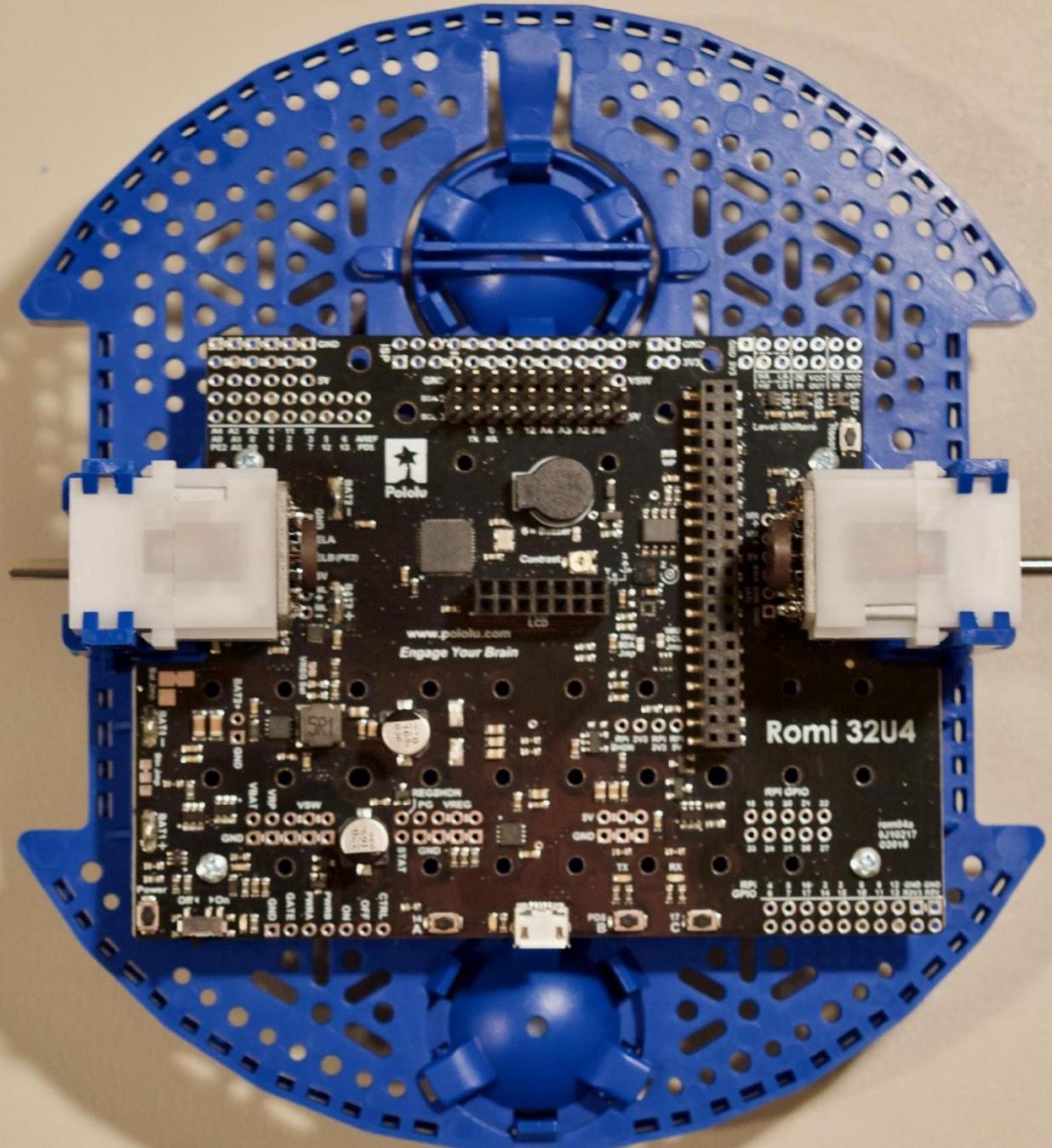


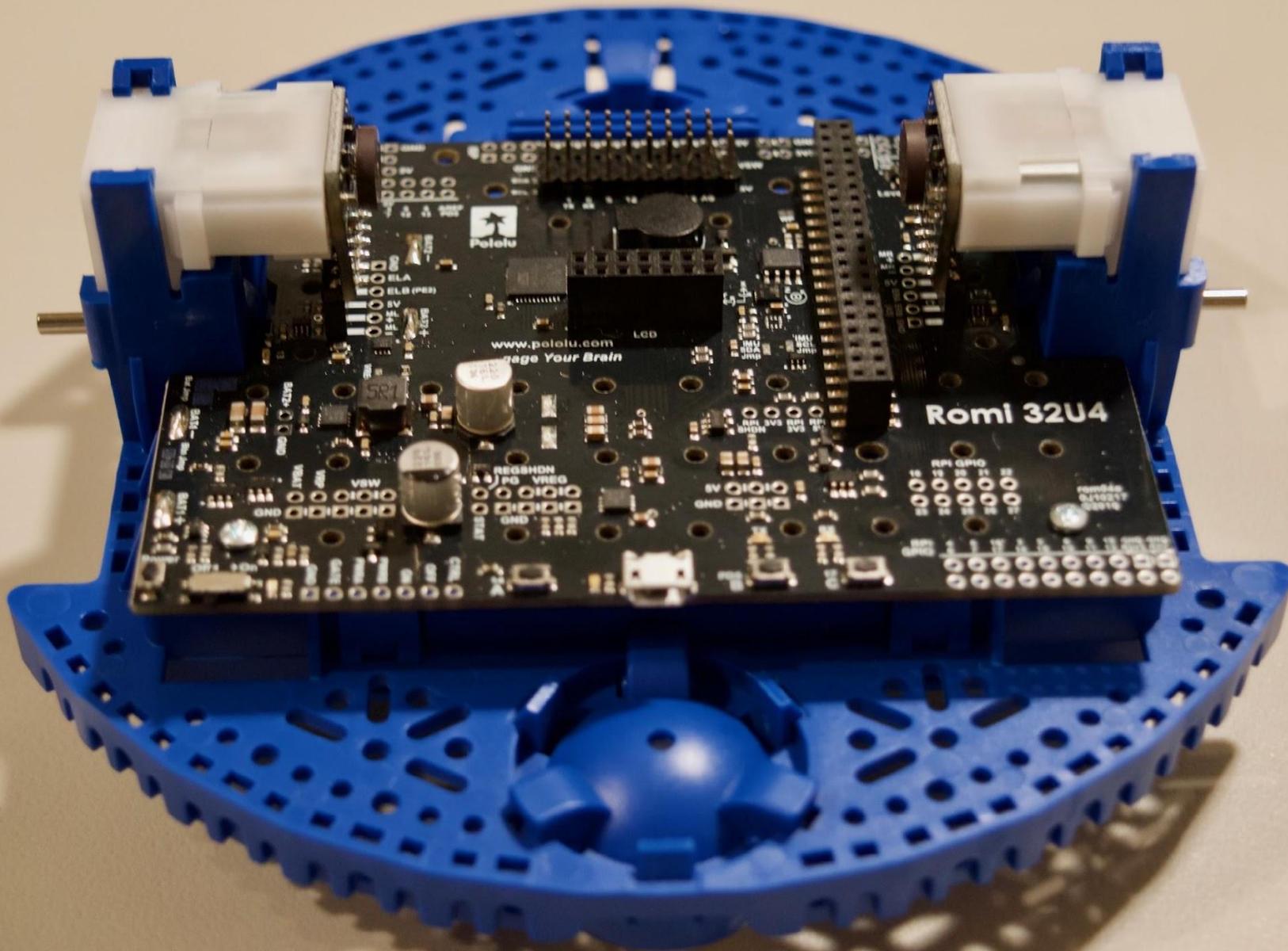


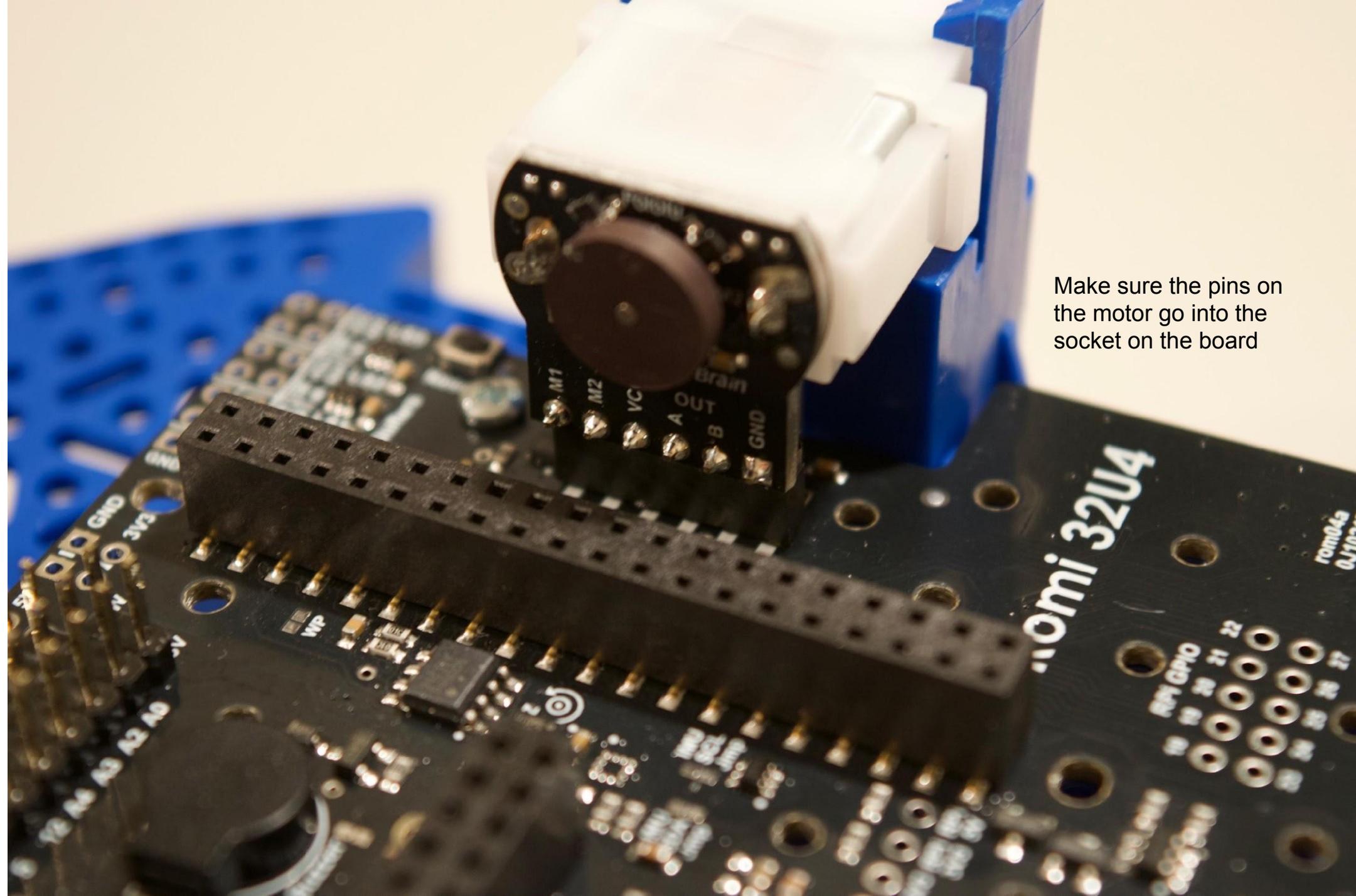


The bottom of the motor clip should be flush with the bottom of the chassis.









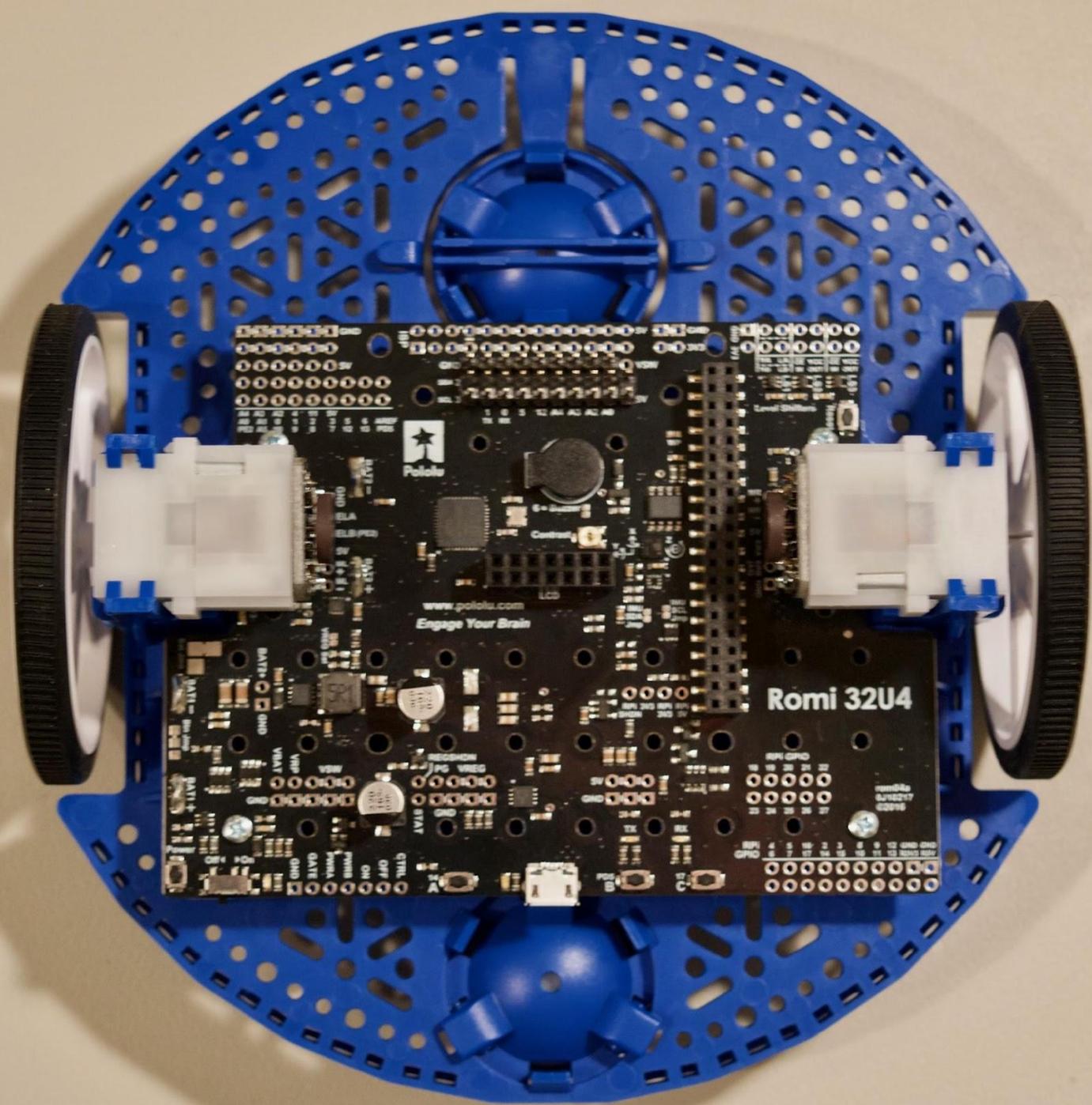
Make sure the pins on the motor go into the socket on the board

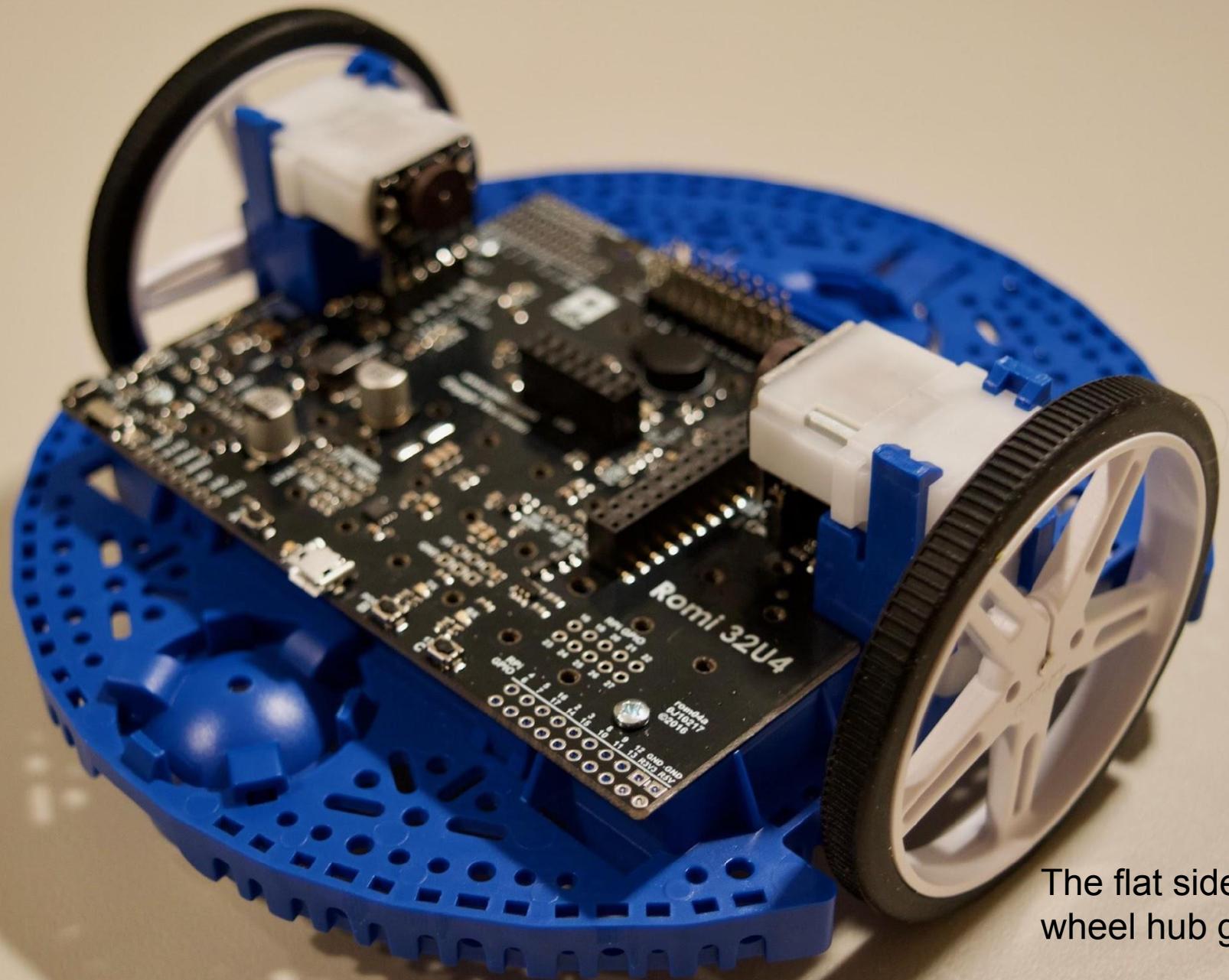




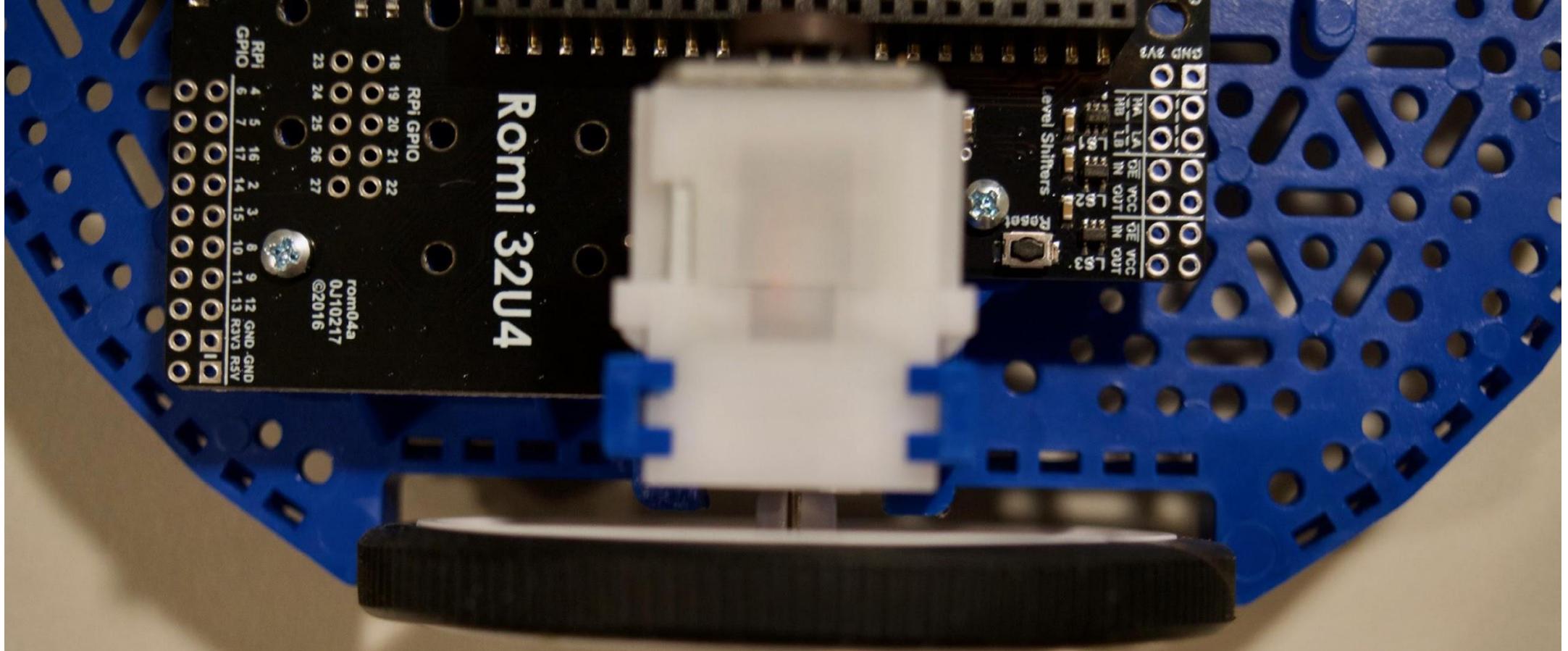
Stretching the tires first helps!





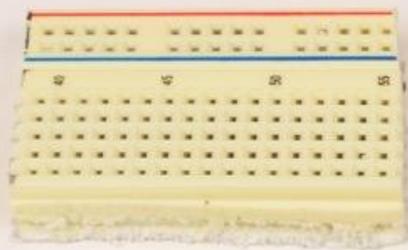


The flat side of the wheel hub goes out

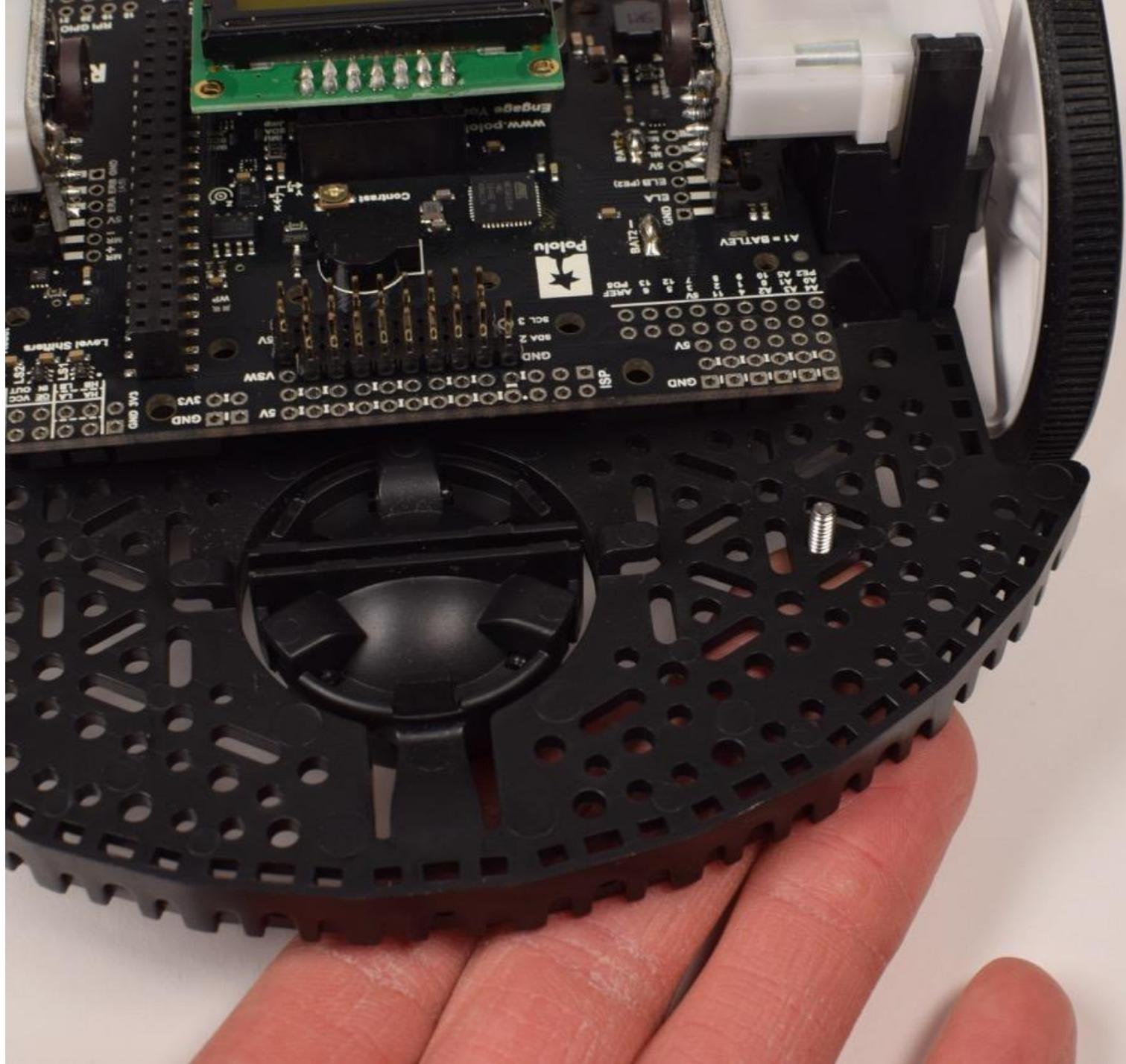


The raised side of the wheel hub goes in, toward the motor









RM GND

11 12 13 14 15 16 17 18 19 20

Level Shifters

5V GND

Engage Vcc

WWW.POLU.COM

Contrast

Pololu

AT1 = BATLEV

AT2 = BATLEV

AT3 = BATLEV

AT4 = BATLEV

AT5 = BATLEV

AT6 = BATLEV

AT7 = BATLEV

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AT9 = BATLEV

AT10 = BATLEV

AT11 = BATLEV

AT12 = BATLEV

AT13 = BATLEV

AT14 = BATLEV

AT15 = BATLEV

AT16 = BATLEV

AT17 = BATLEV

AT18 = BATLEV

AT19 = BATLEV

AT20 = BATLEV

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BAT15

BAT16

BAT17

BAT18

BAT19

BAT20

BAT21

BAT22

BAT23

BAT24

BAT25

ELB (pin)

ELC

ELD

ELE

ELF

ELG

ELH

ELI

ELJ

ELK

ELL

ELM

ELN

ELO

ELP

ELQ

ELR

ELS

ELT

ELU

ELV

ELW

ELX

ELY

ELZ

ISP

SDA 2

SCL 3

5V

GND

AS1

AS2

AS3

AS4

AS5

AS6

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AS12

AS13

AS14

AS15

AS16

AS17

AS18

AS19

AS20

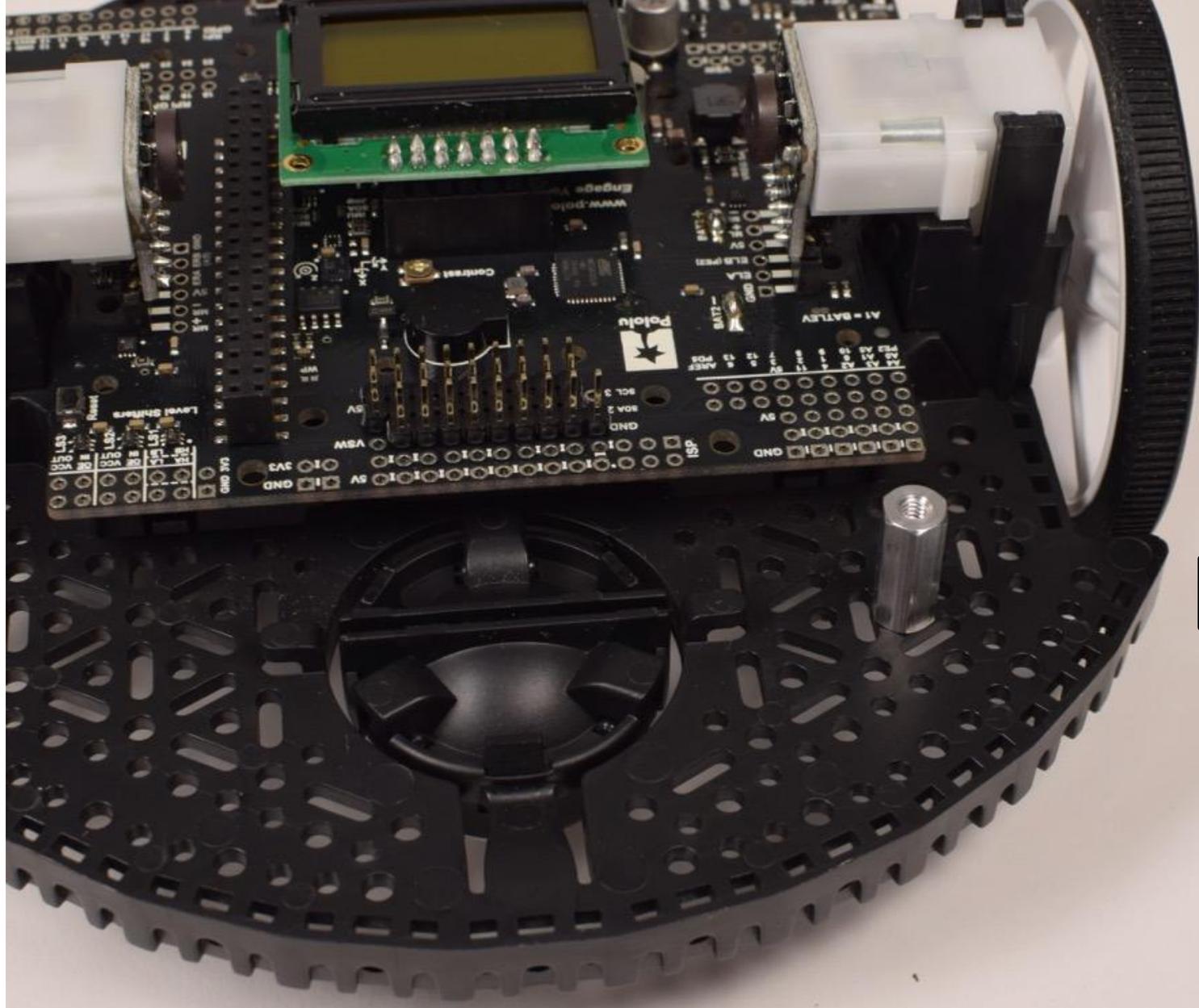
AS21

AS22

AS23

AS24

AS25



Use the short ones!

