Mini Skid Steer

IQ 2nd gen

Scroll for building instructions

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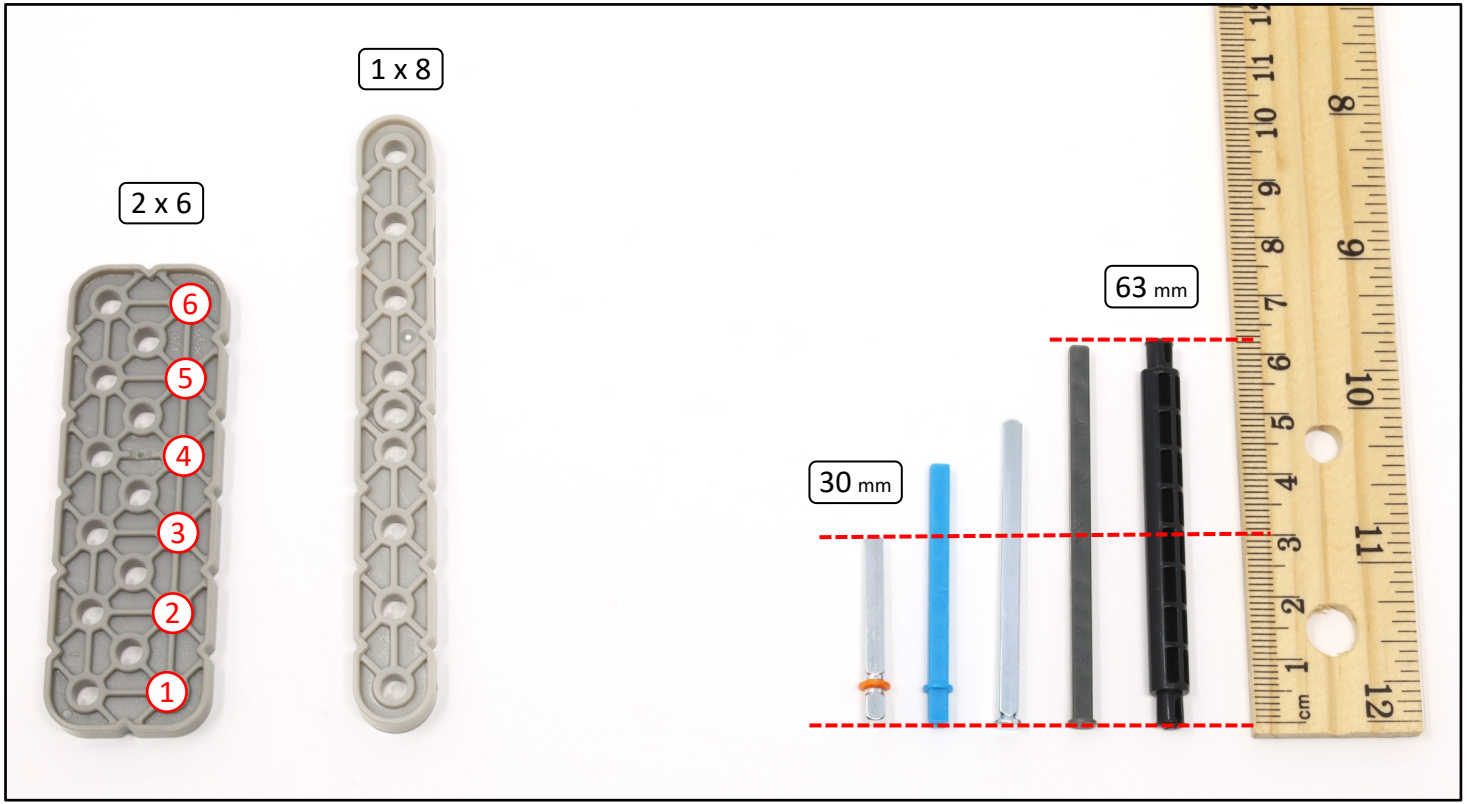
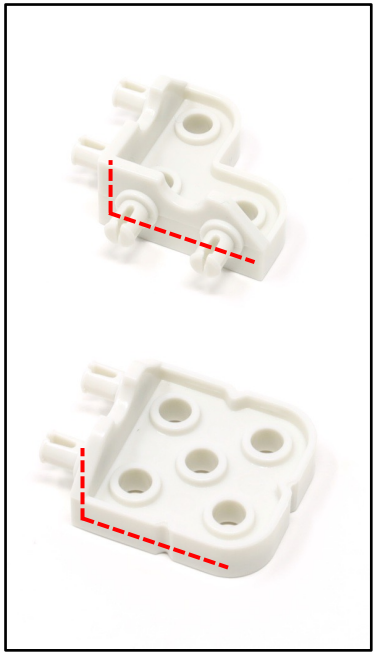
Parts Sizing Guide



Count holes on beams

Use a metric ruler for axles and standoffs



Watch orientation of connectors

2 x 8

2 x 8

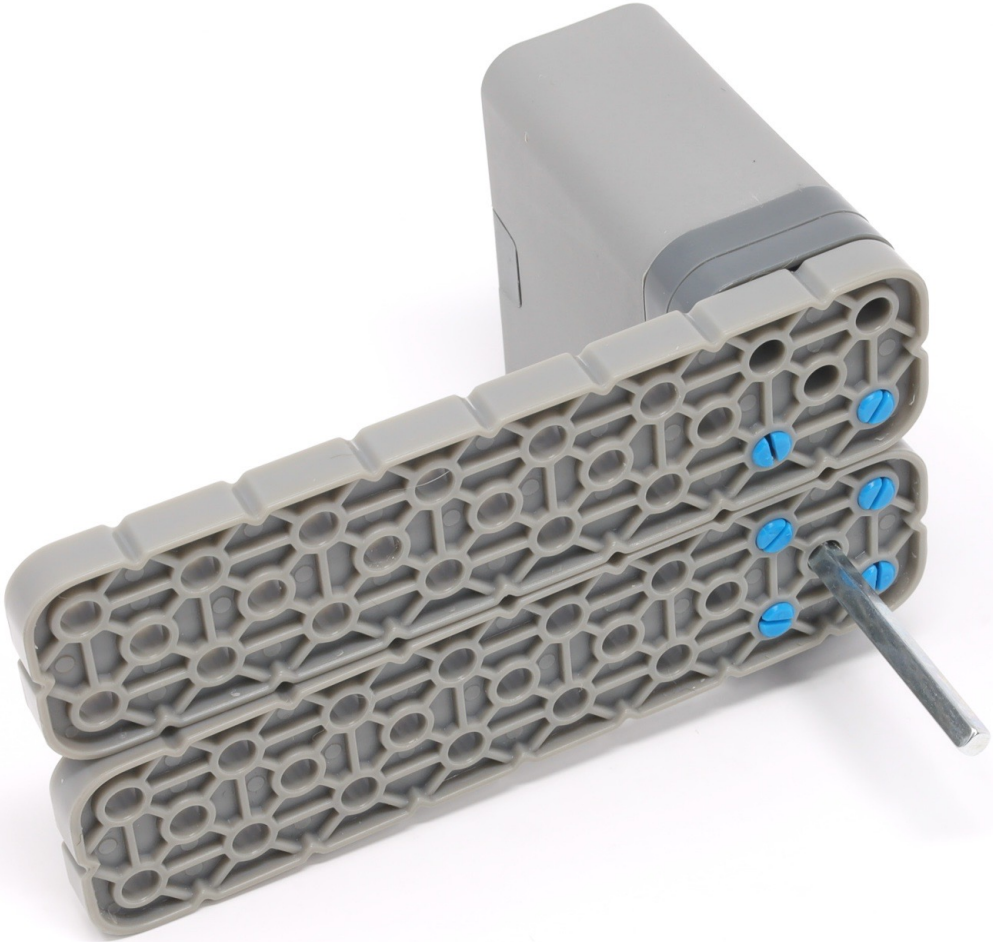
42 mm

38 mm

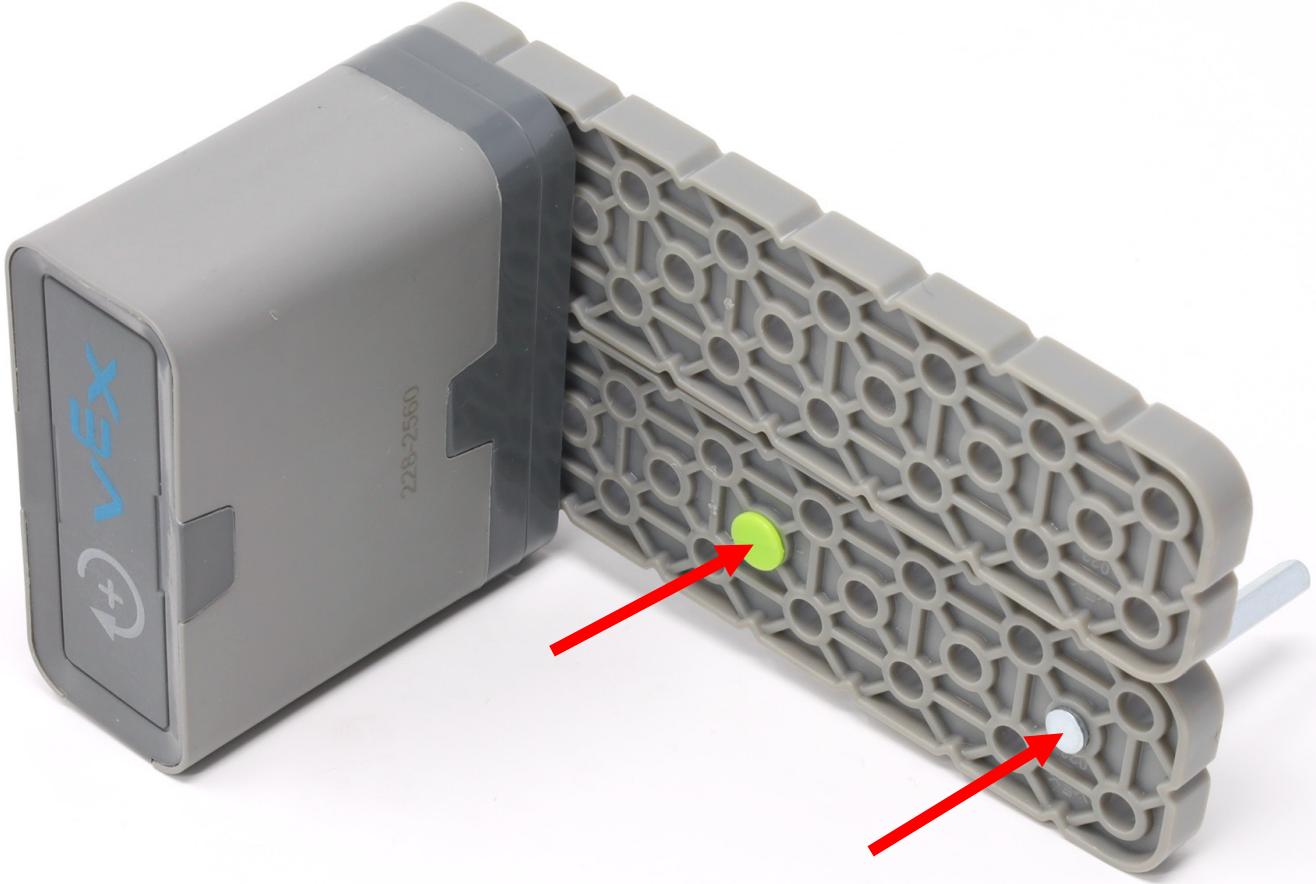
(6 x)

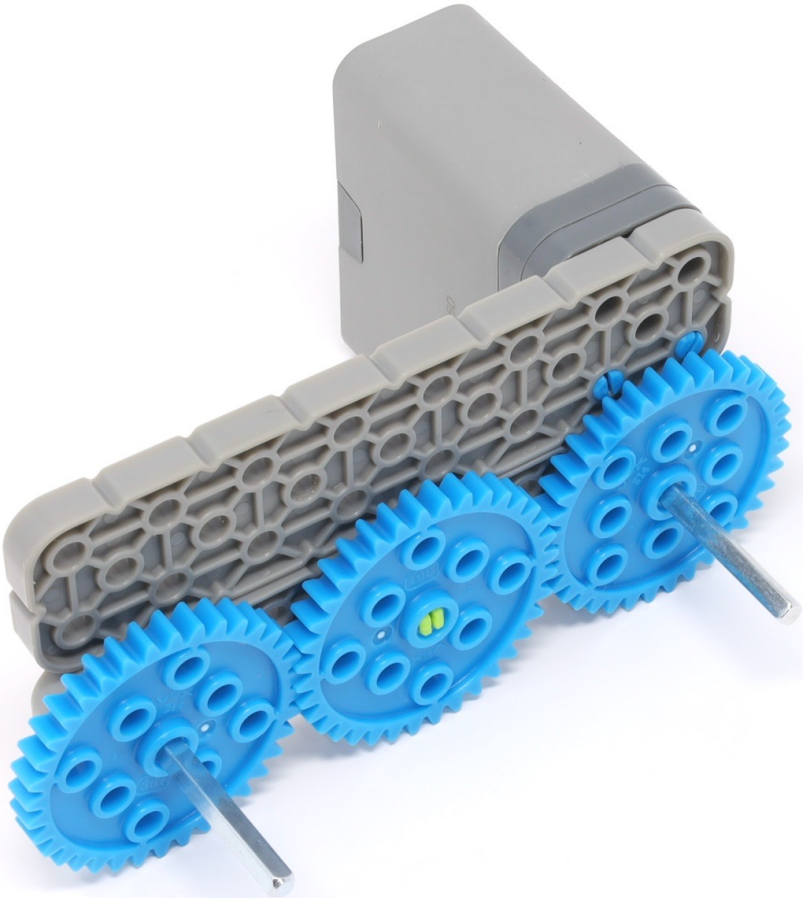
China

China



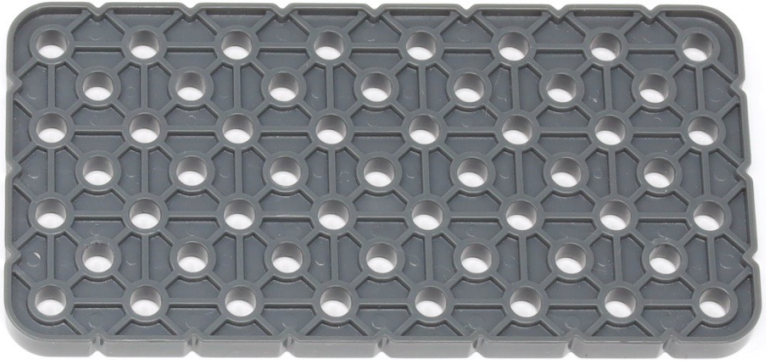
VEX


VEX
228-2560



2 x 4

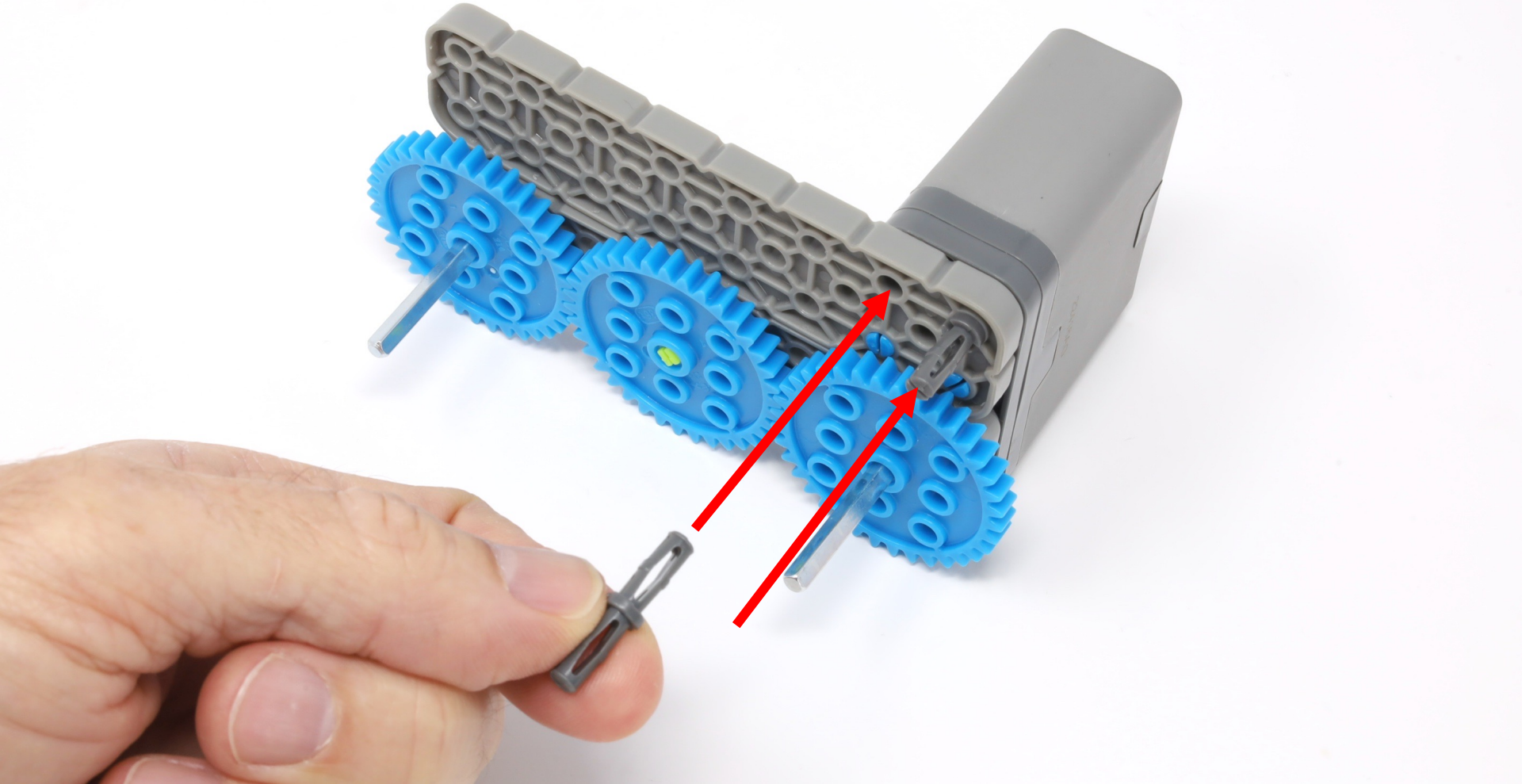
2 x 4

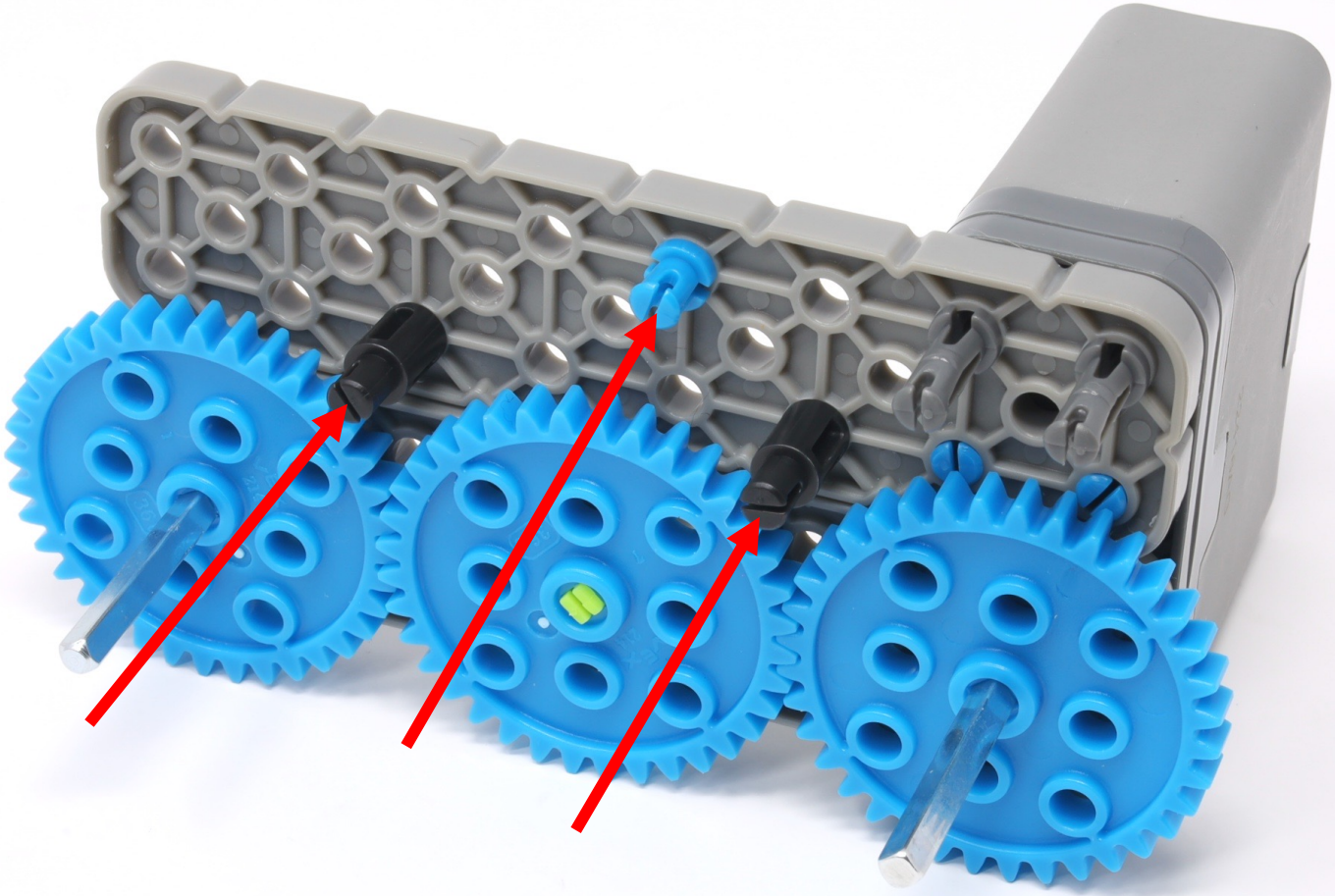


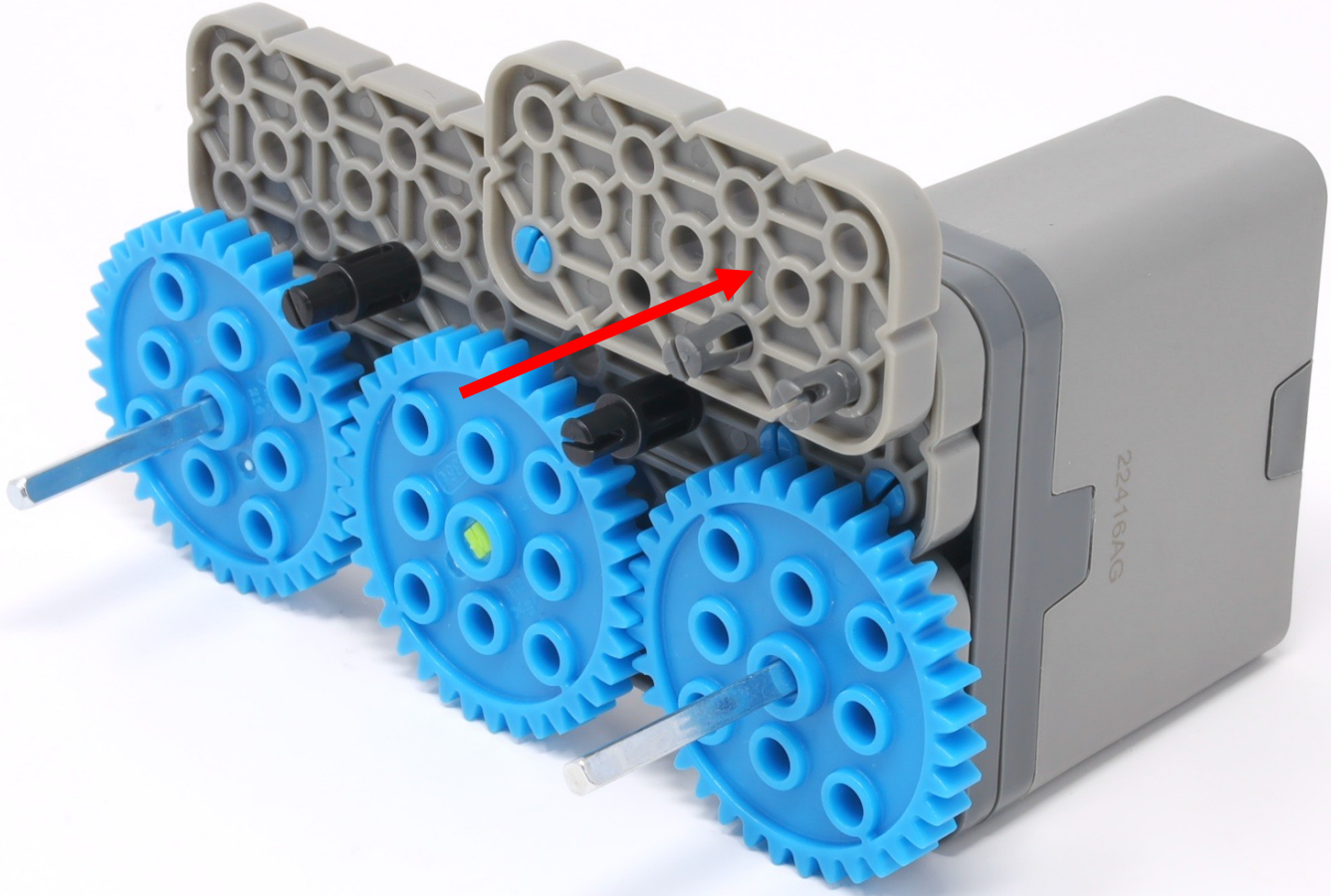
4 x 8

18 mm

18 mm



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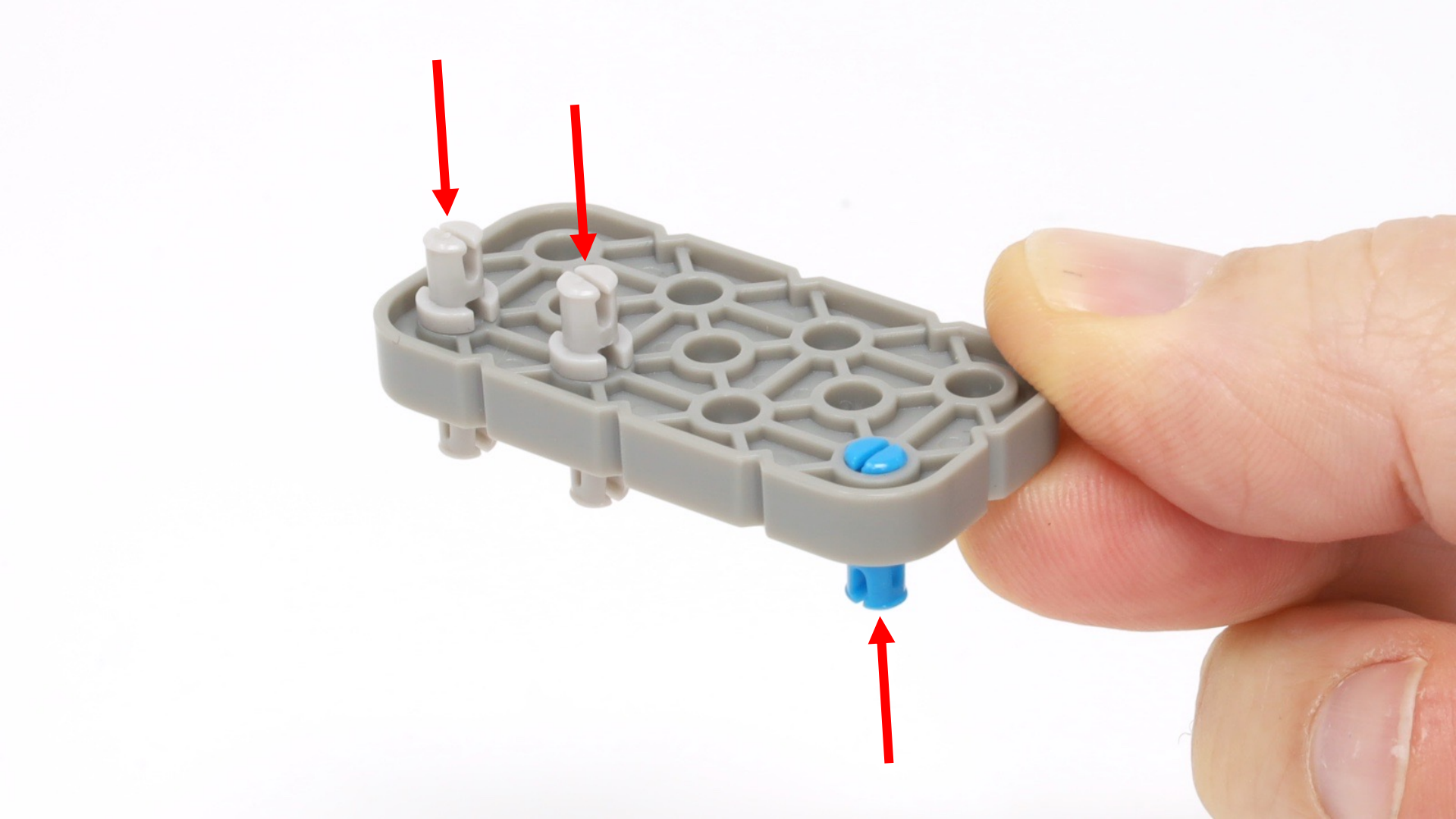
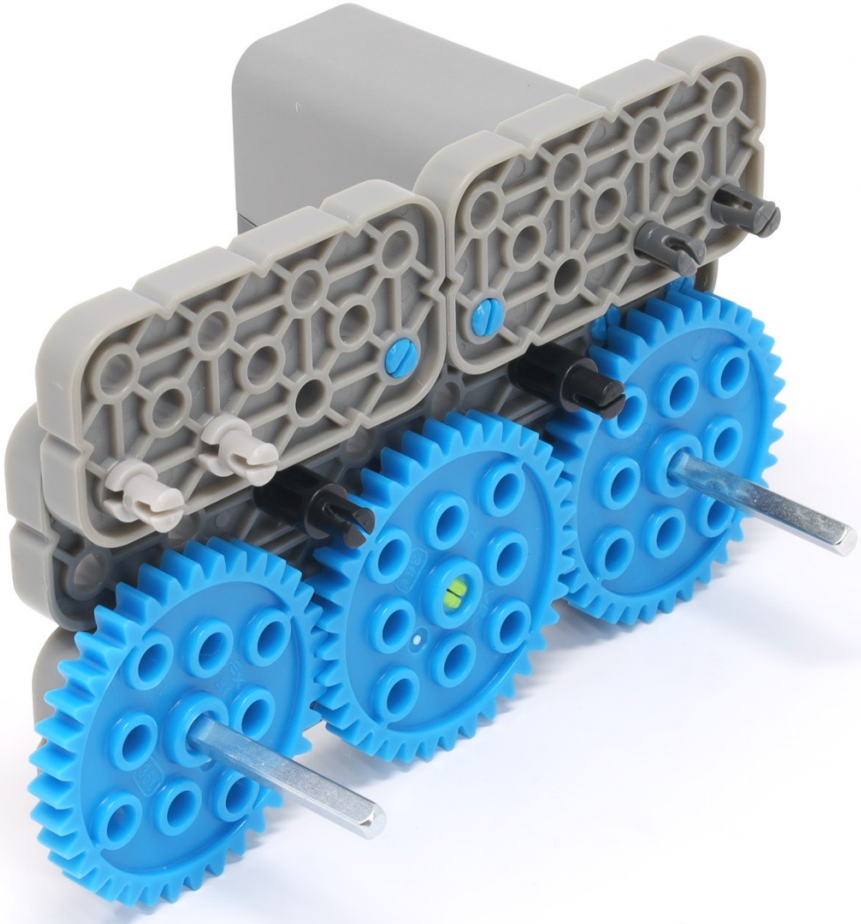
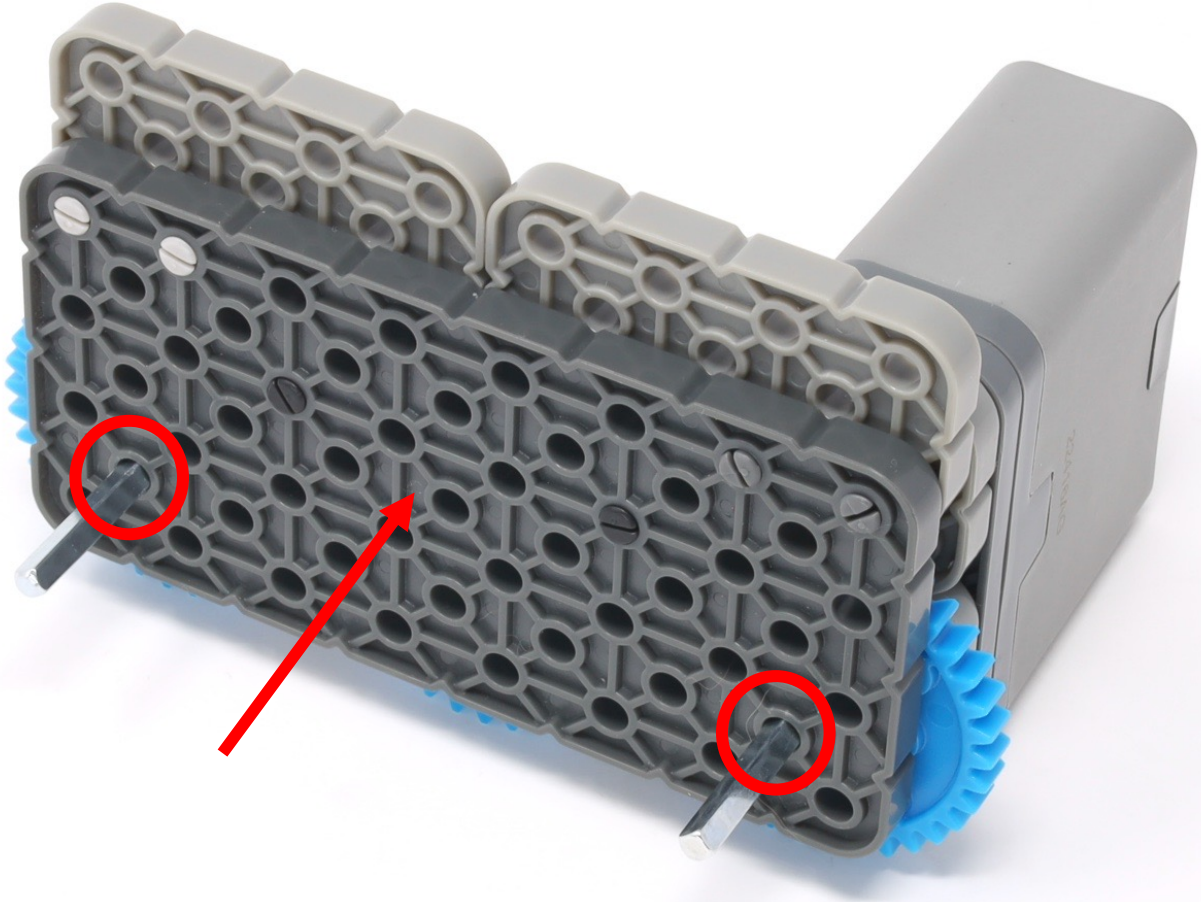






(2 x)

Make another identical copy (not a mirror image)

63 mm

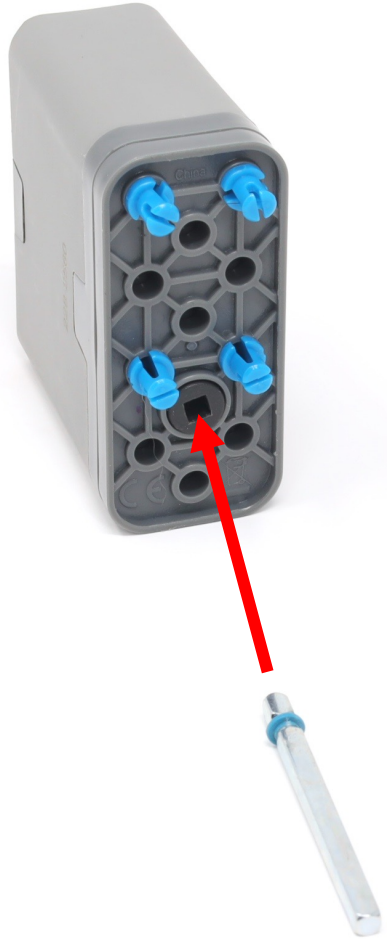
63 mm

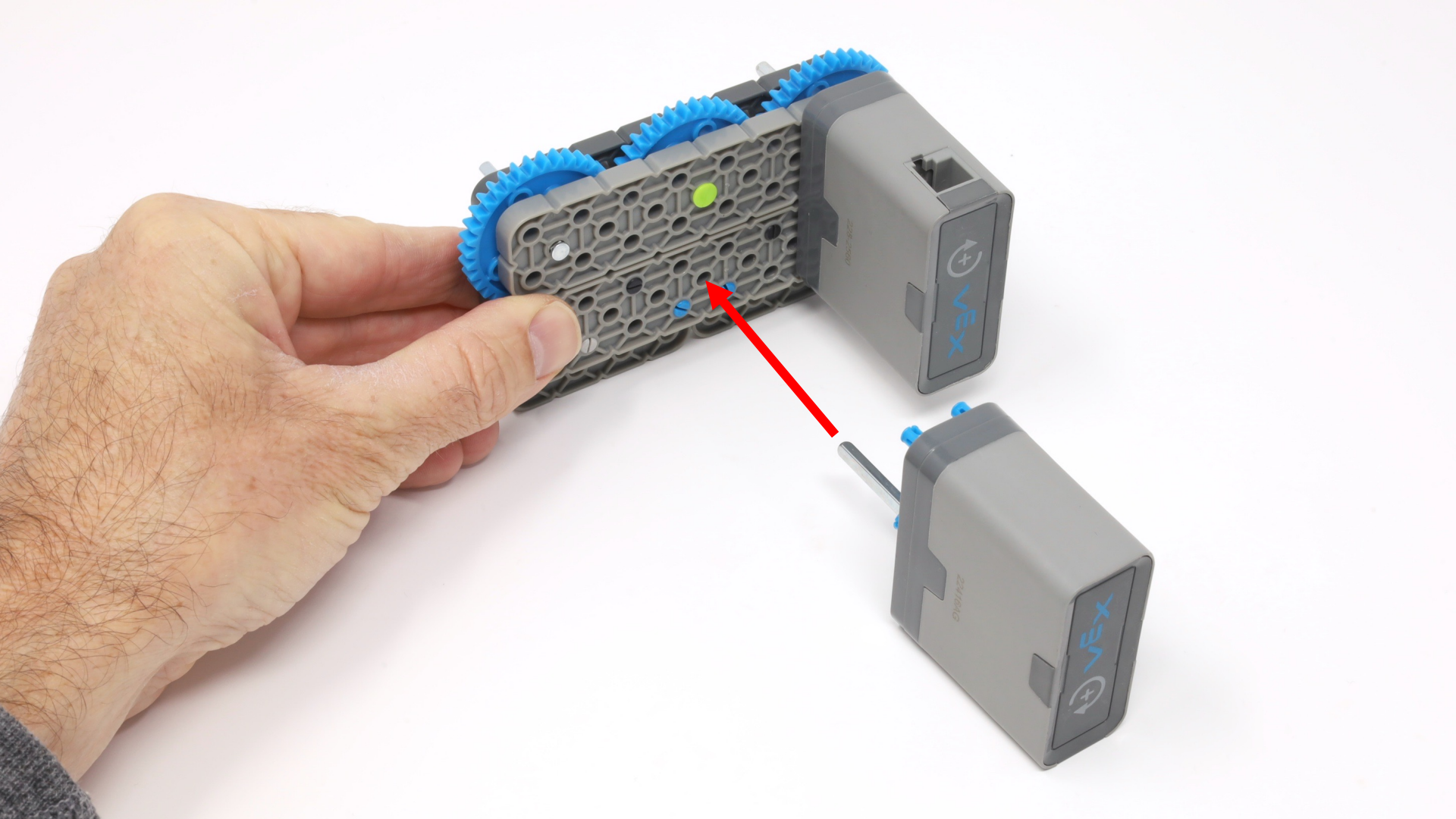
63 mm

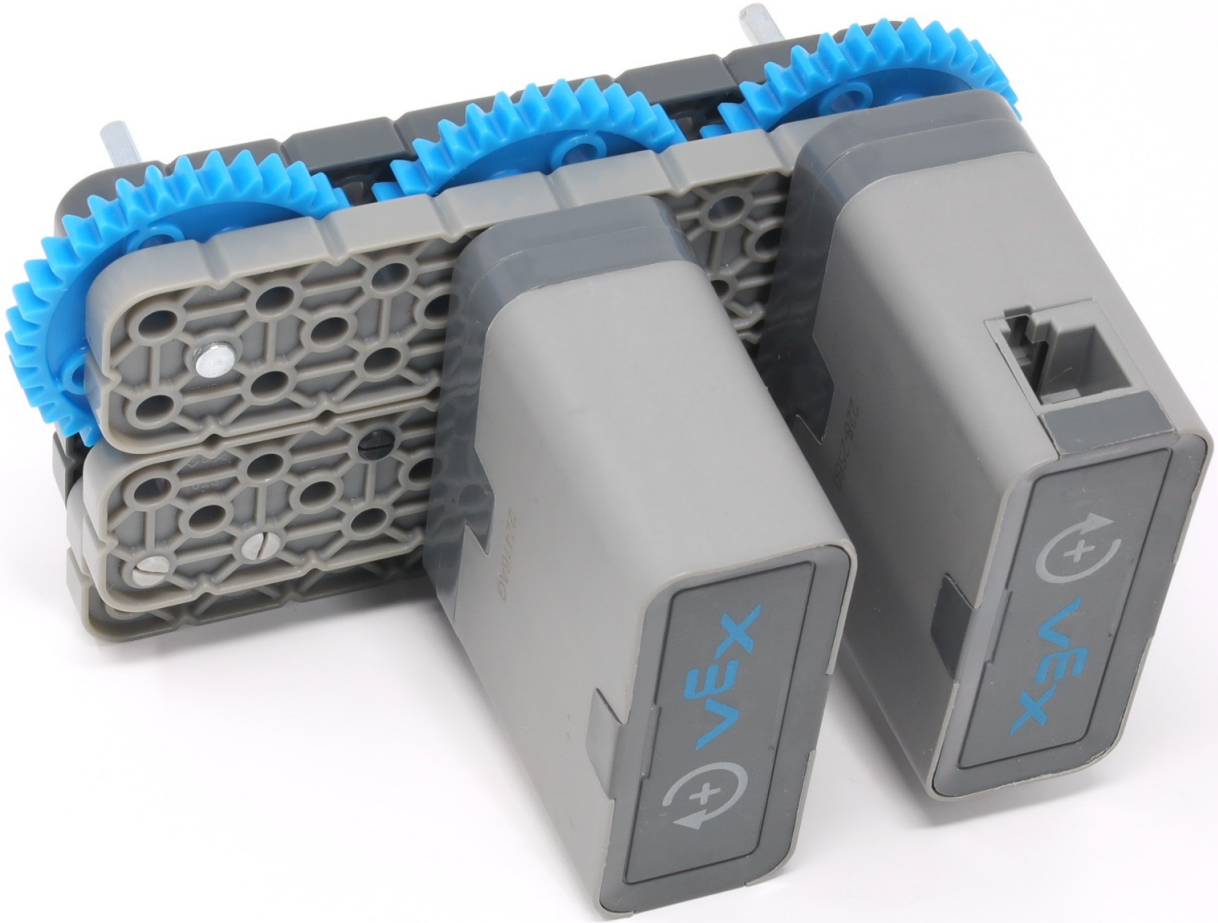
63 mm

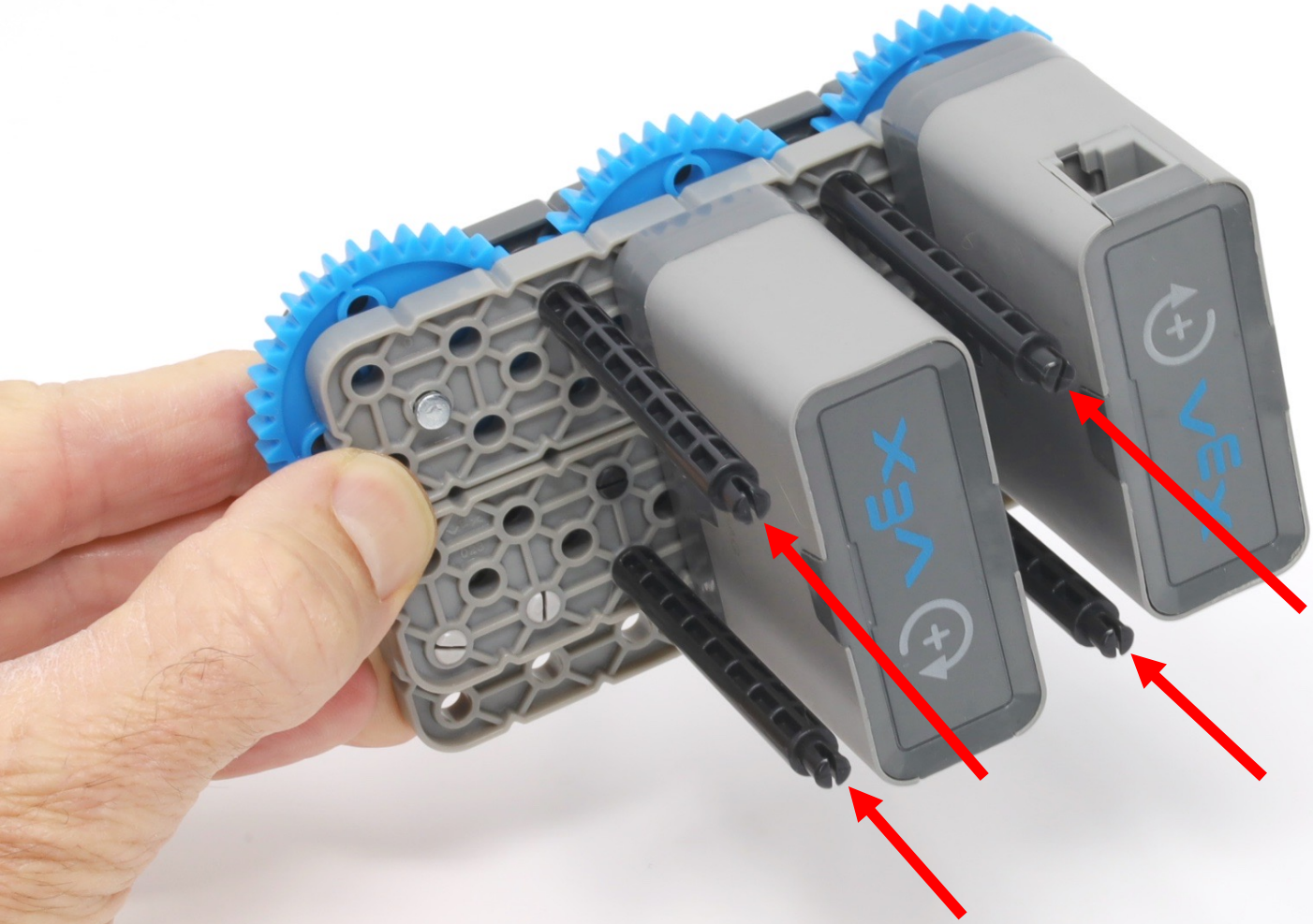
42 mm

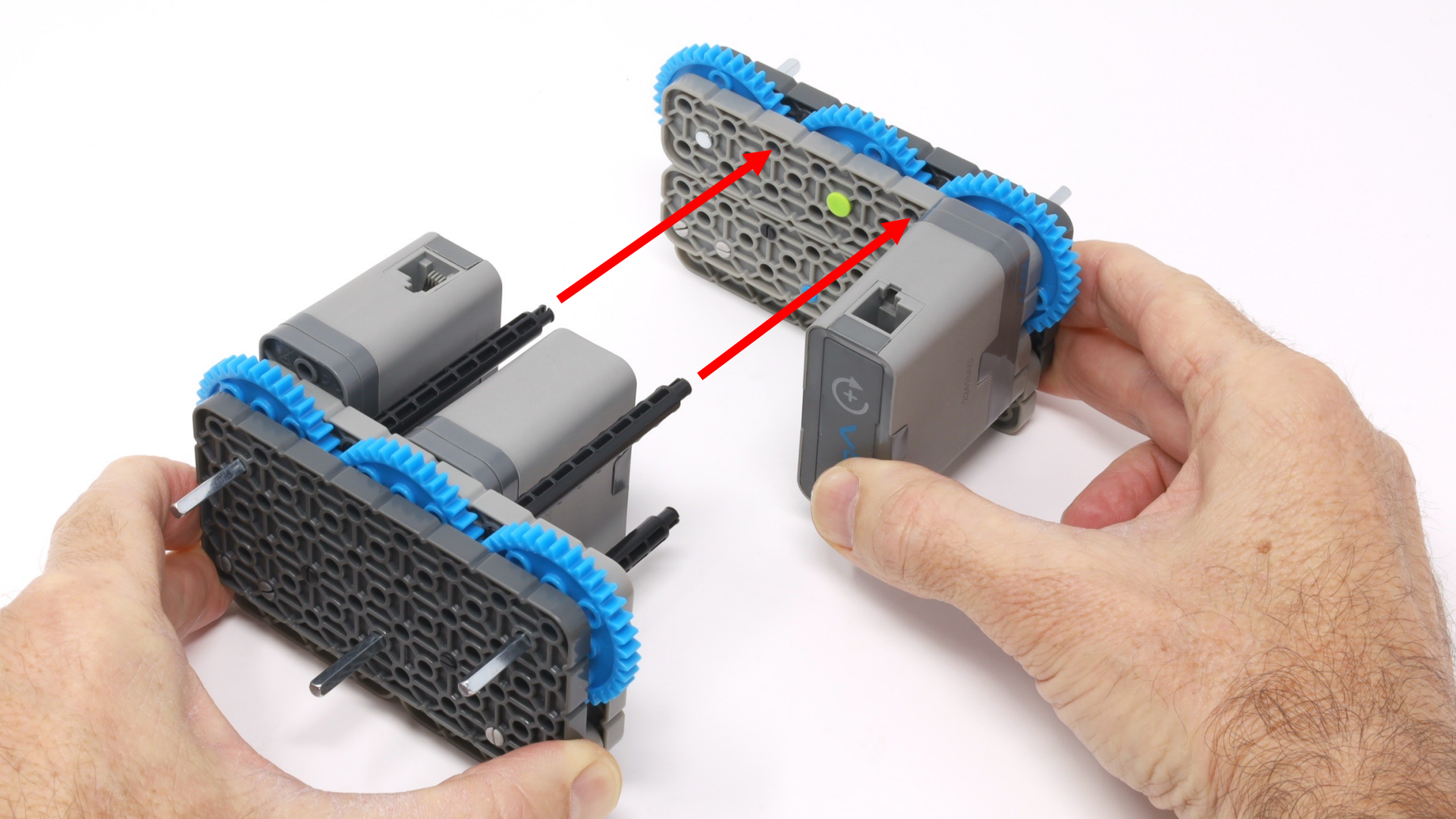
China



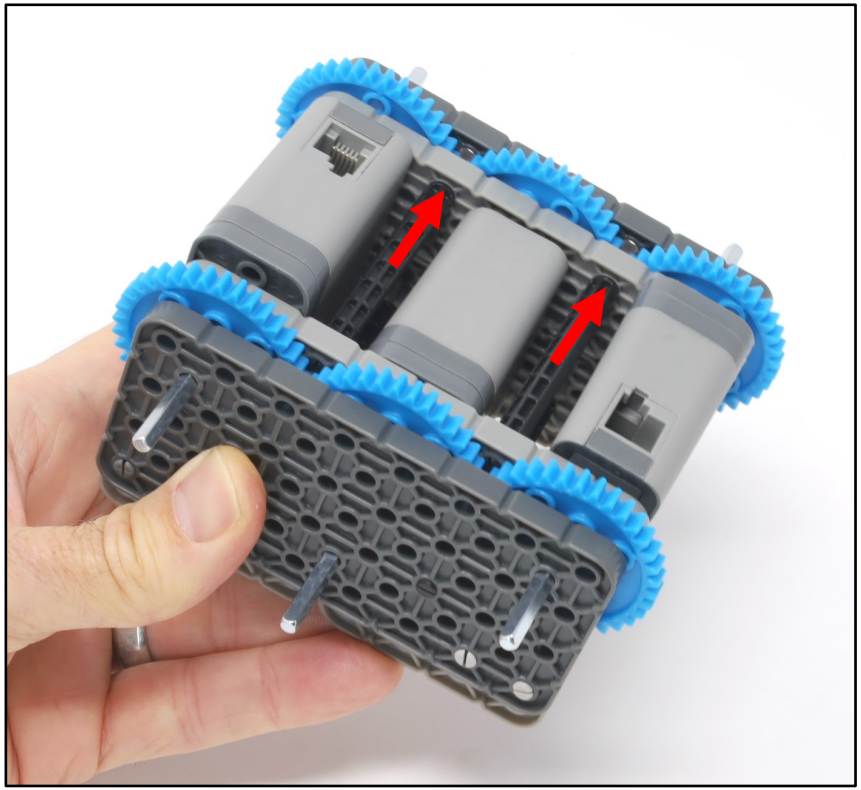


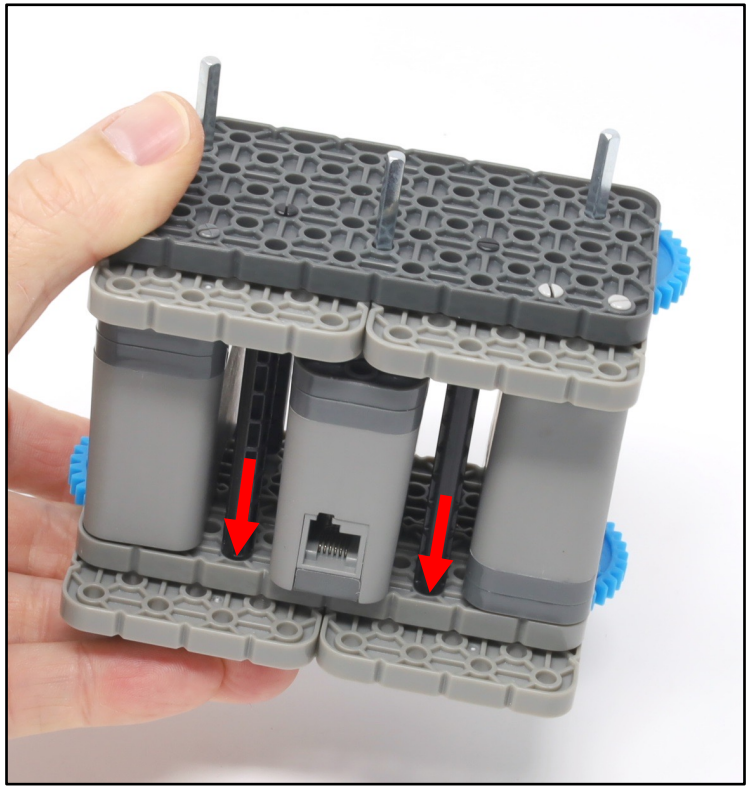

VEX
VEX


VEX
VEX

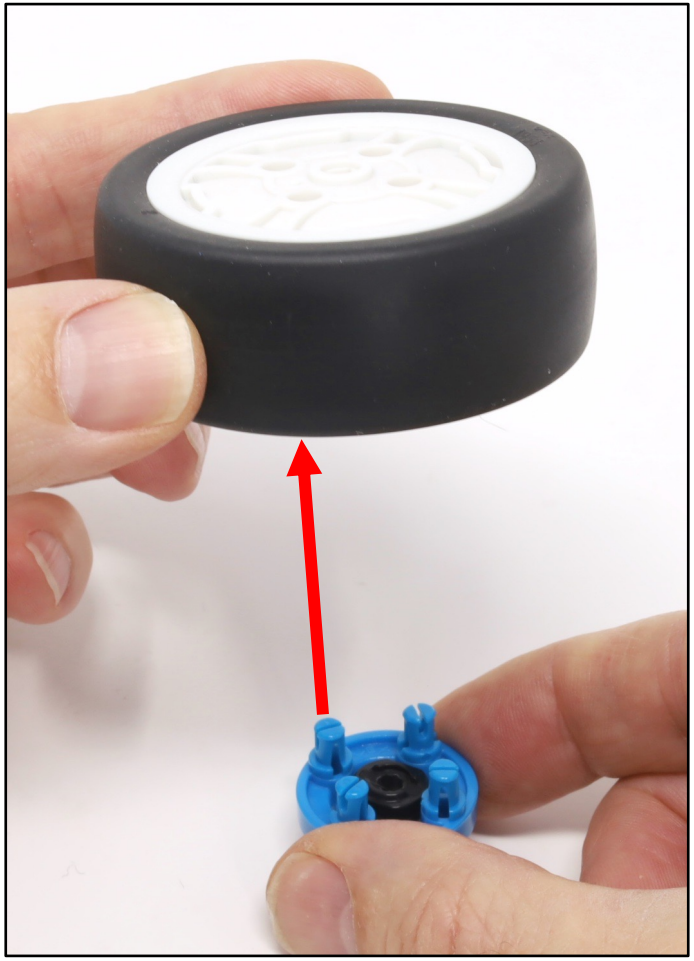


Make sure that all four standoffs connect



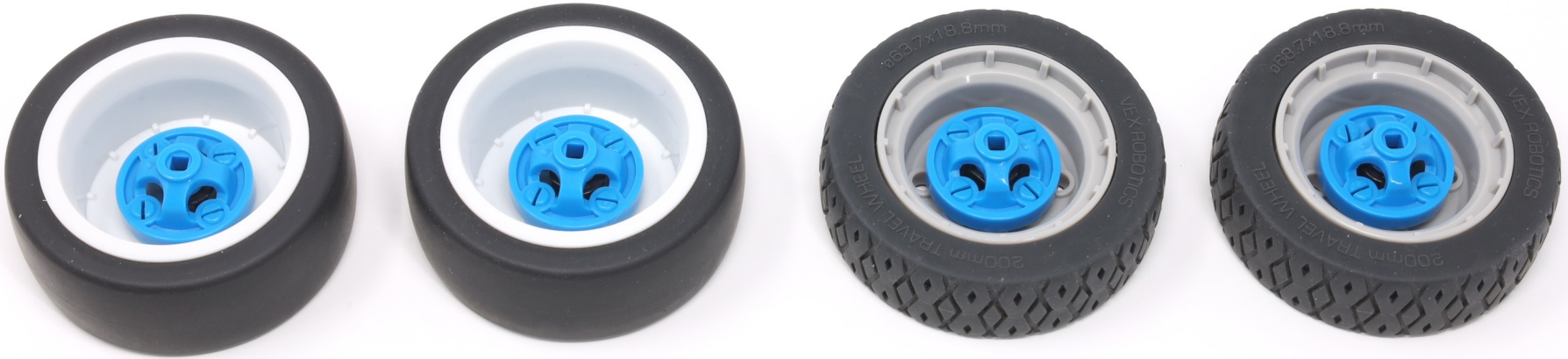


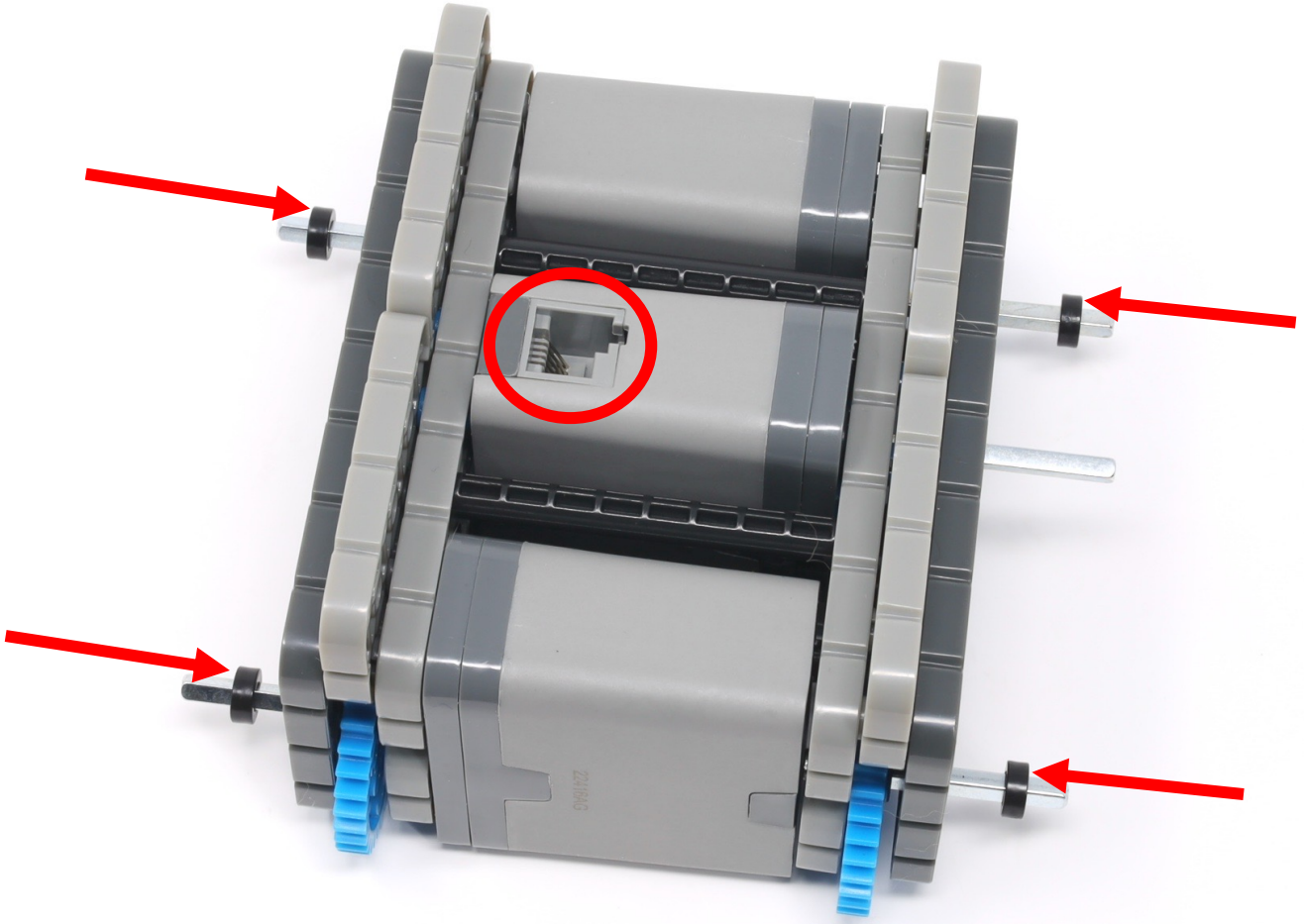
(8 x)



(2 x)

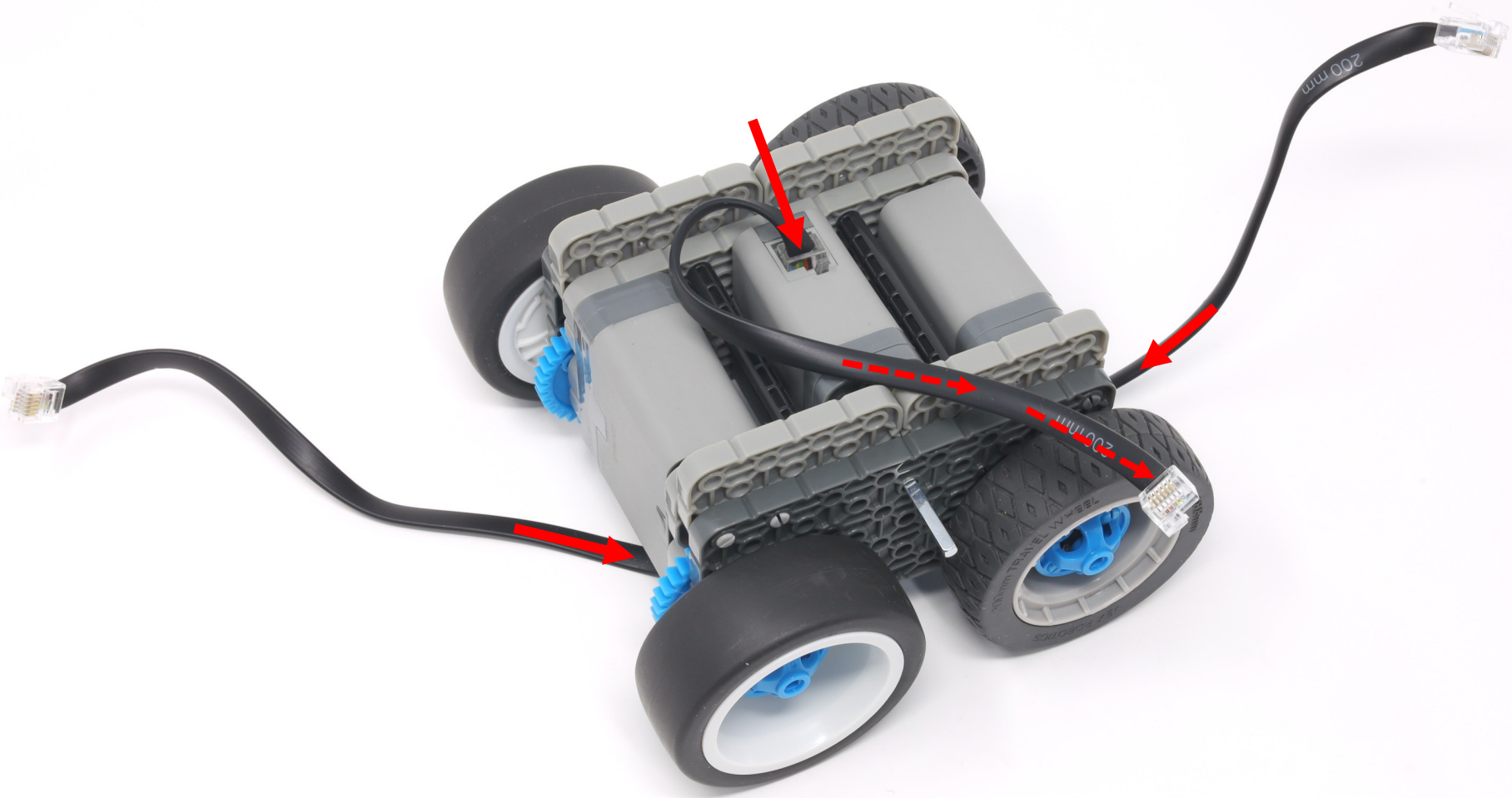
Repeat for both treaded rubber tires

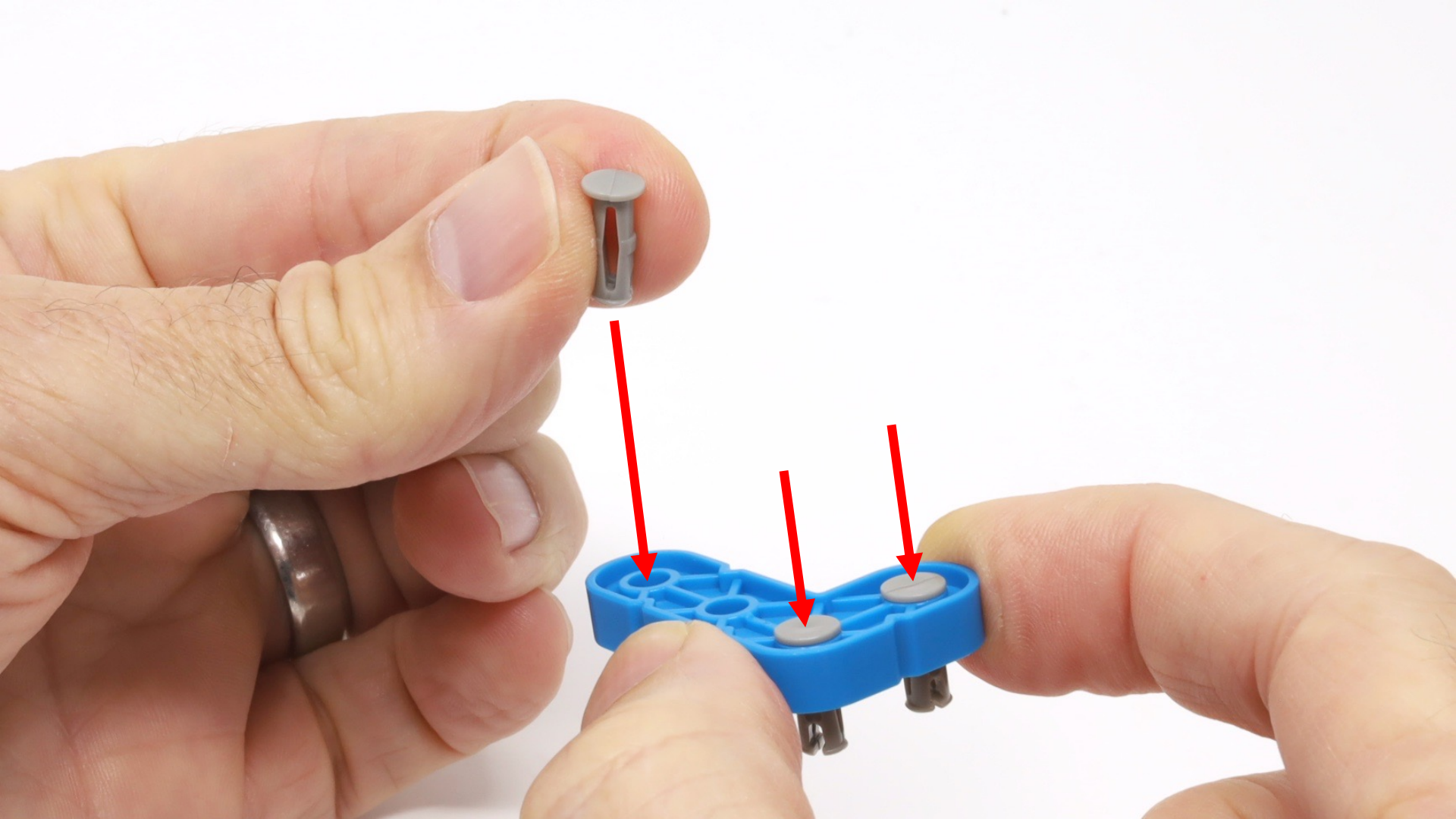




200mm TRAVEL WHEEL
VEX ROBOTICS

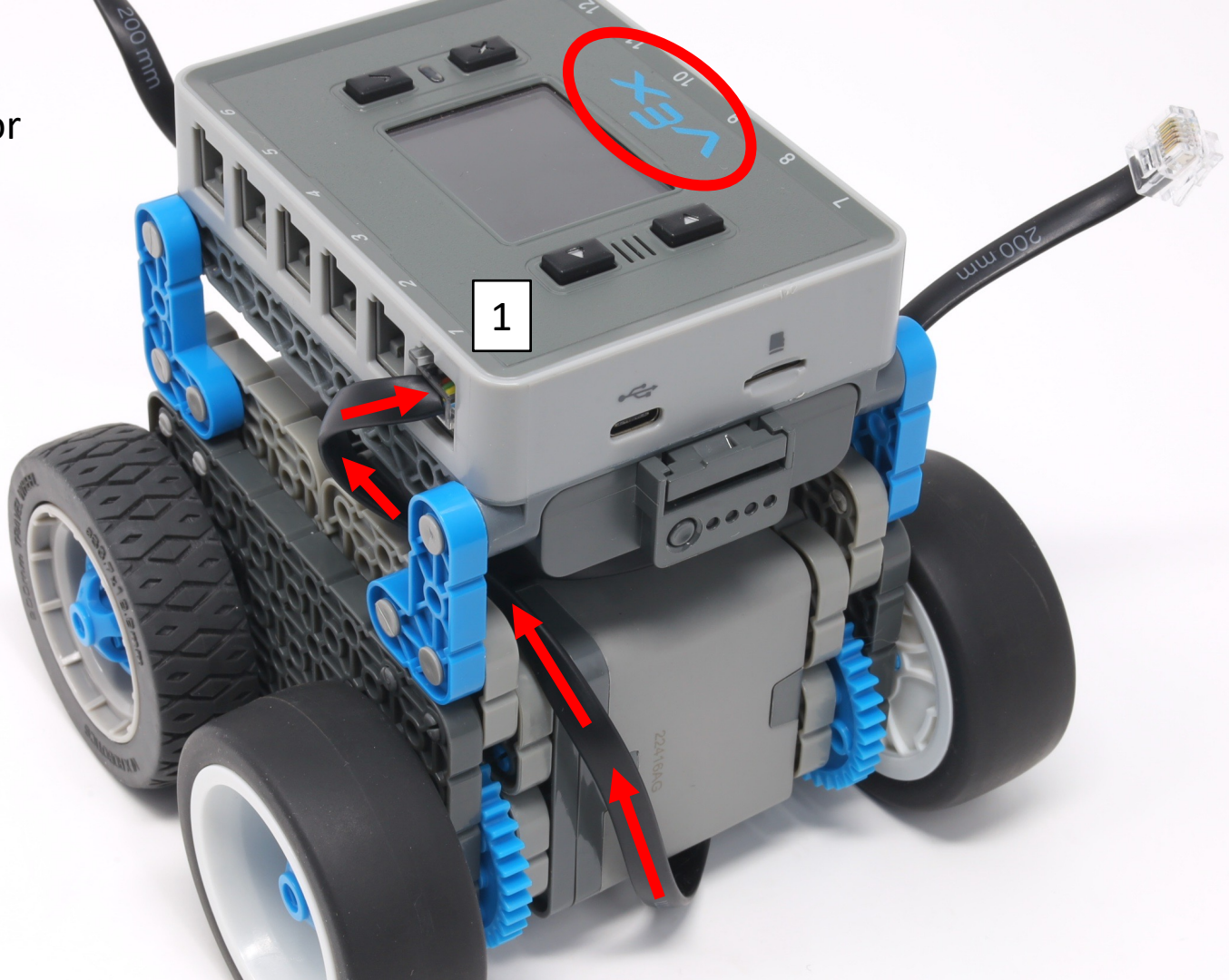
(12 x)


200 mm
200 mm

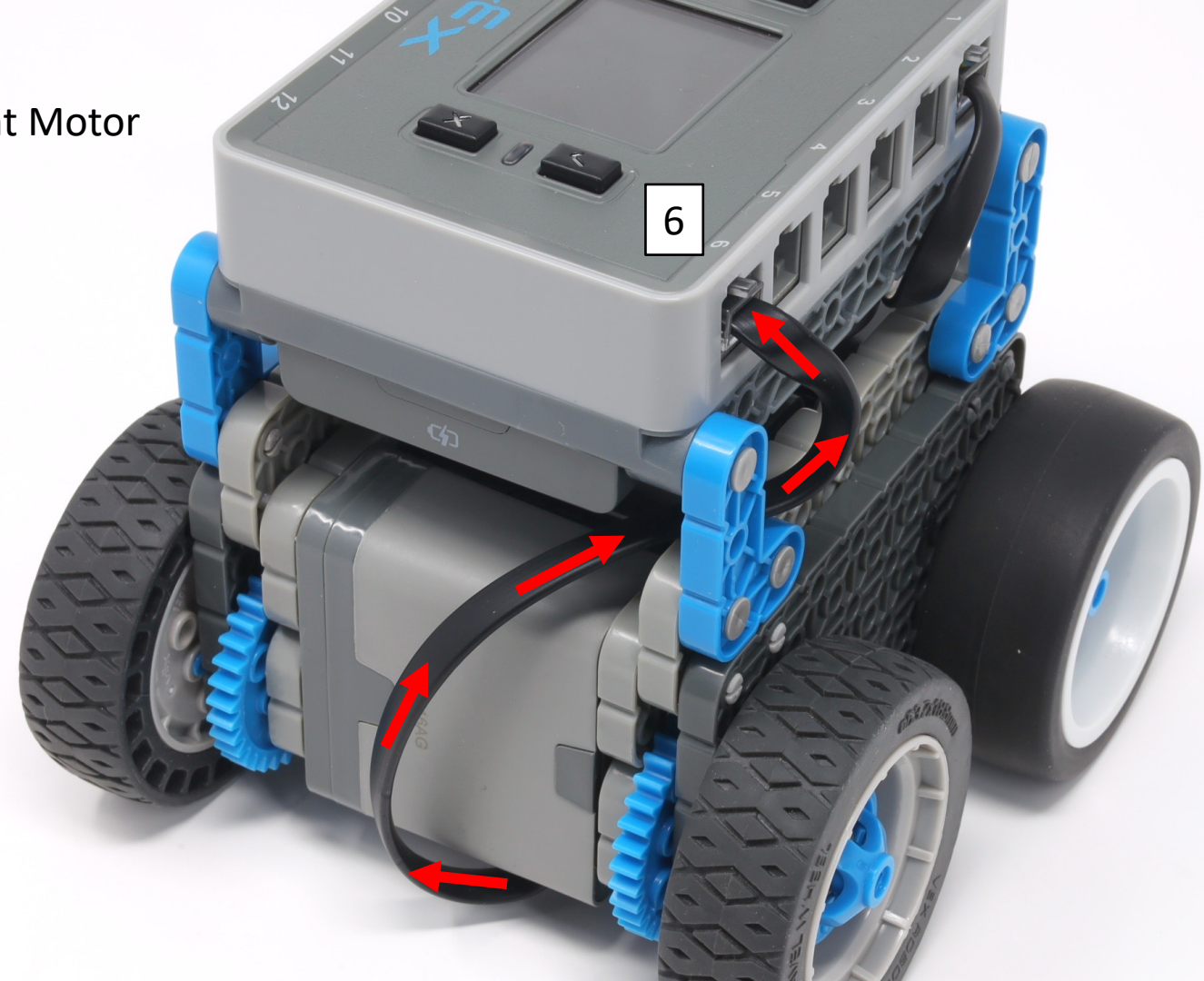


1 2 3 4 5 6
7 8 9 10 11 12
VEX
200 mm
200 mm
TRAVEL WHEEL
VEX ROBOTICS

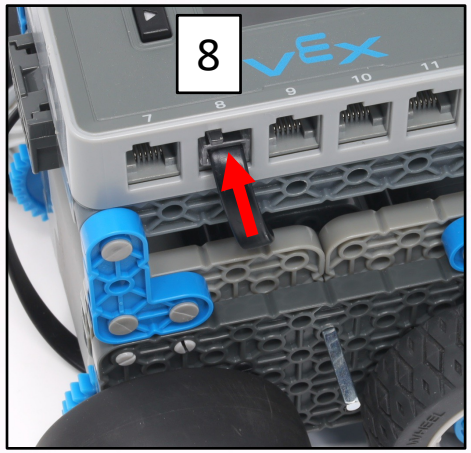
1 = Rear Motor



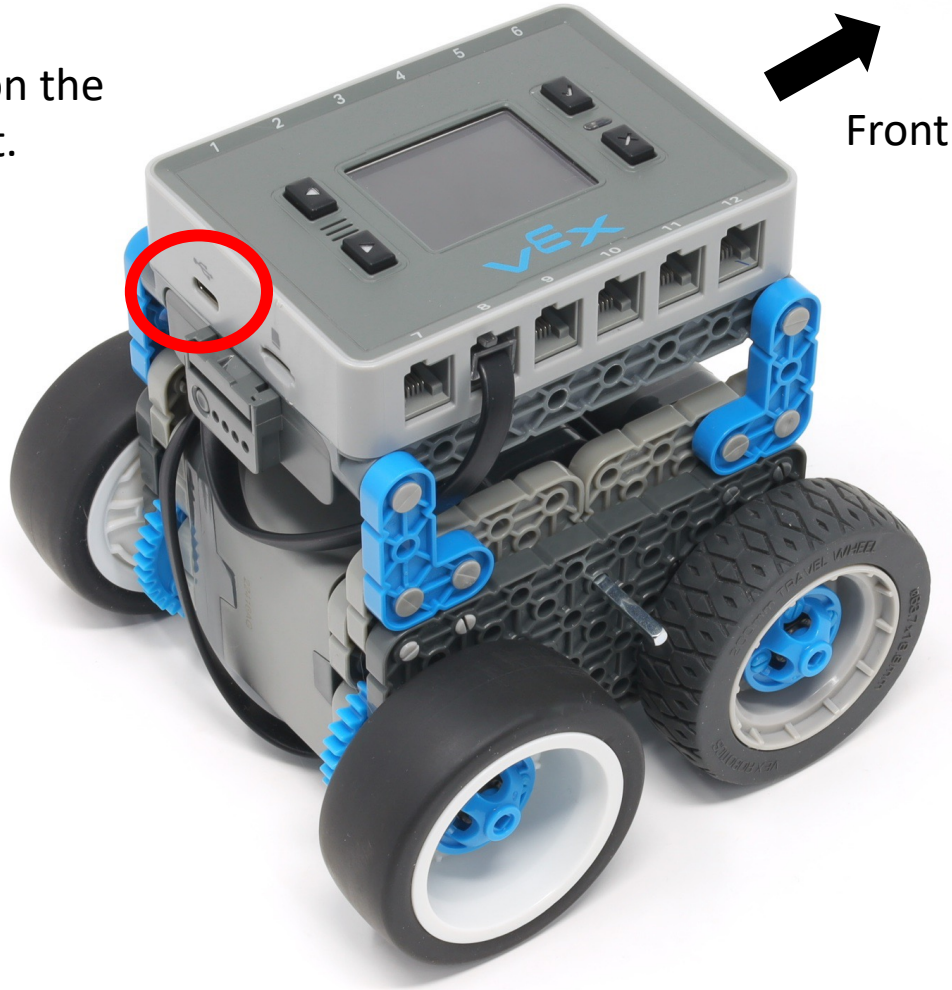
6 = Front Motor



12
11
10
9
8
7
VEX



8 = Middle Motor

8

The USB port is on the back of the robot.