

Simple Clawbot

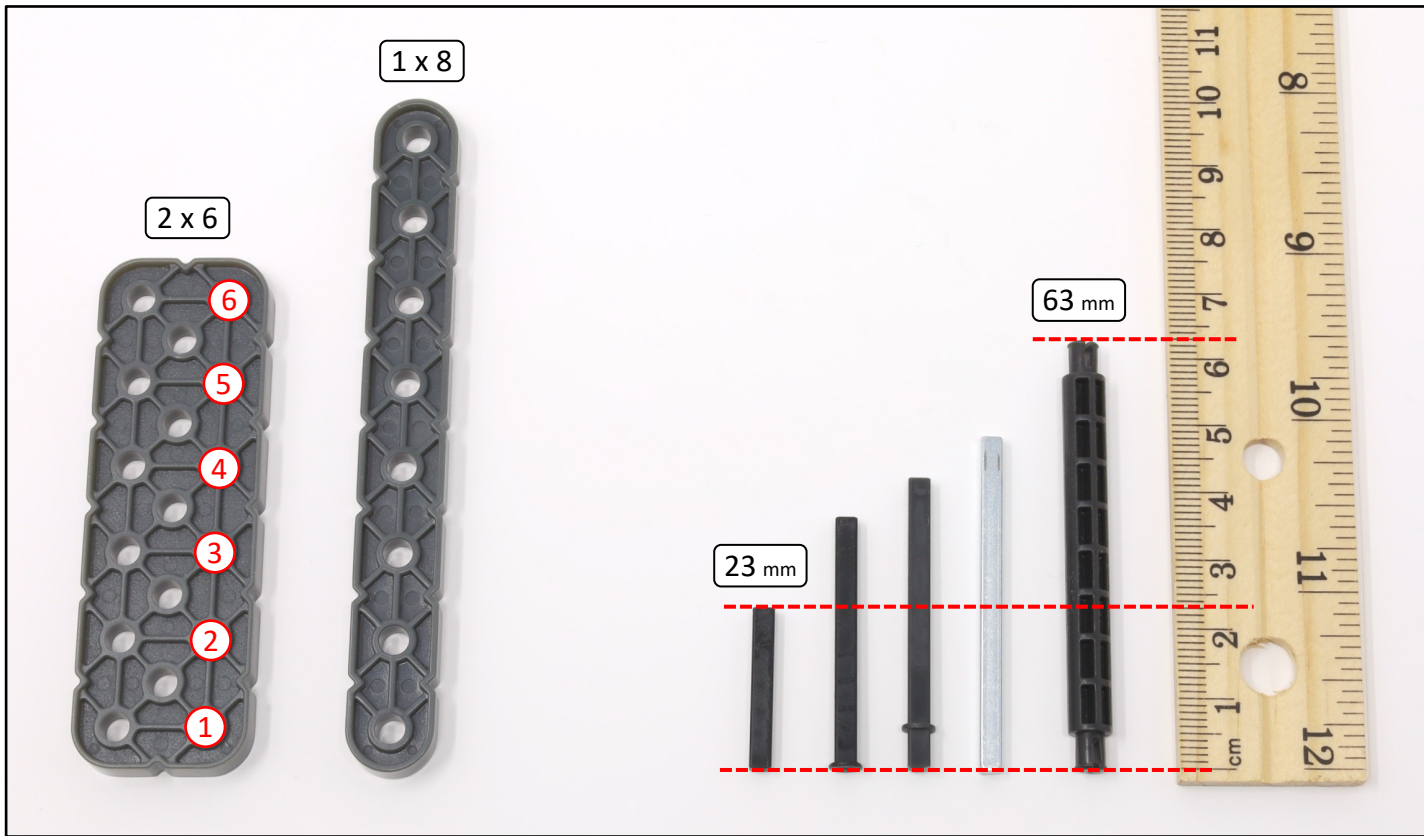


IQ 1st gen

Scroll for
building
instructions



Parts Sizing Guide



Count holes on beams

Use a metric ruler for axles and standoffs



Watch orientation
of connectors

First, build:



Standard Drive Base

...then continue here to complete the Simple Clawbot





2 x 8



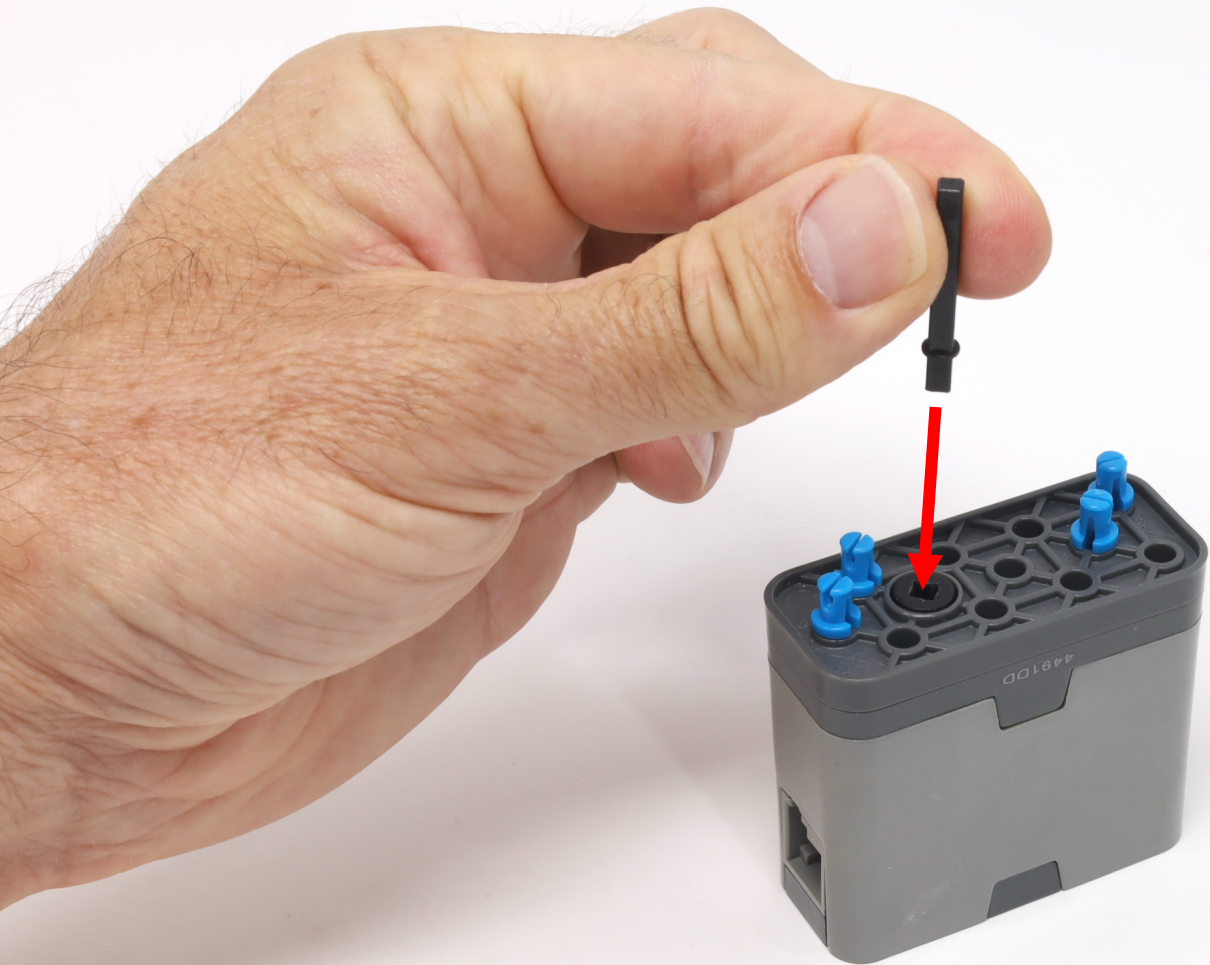
30 mm



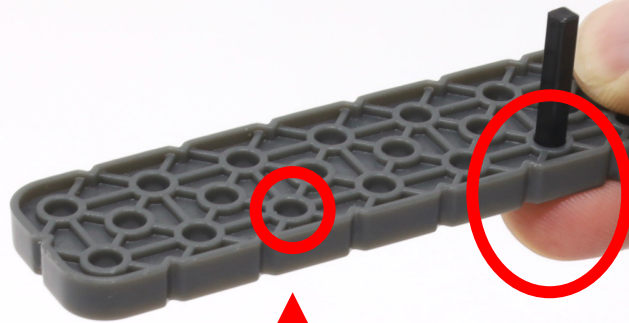
23 mm







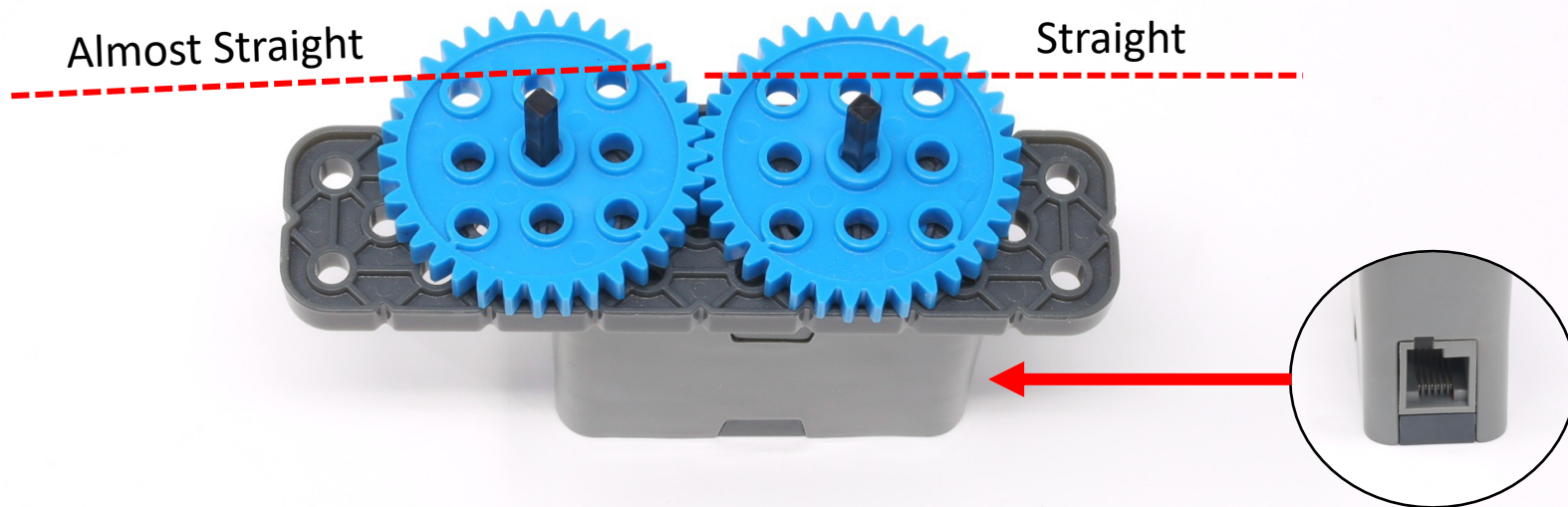




Hold this axle in with your finger while you guide the plate down over the motor axle.



Add the gears and adjust them so that the holes on the gears are as straight as possible. Because of the teeth, is not possible to get both exactly straight.





2 x 8



1 x 6



1 x 6



(6 x)



25 mm



25 mm



25 mm



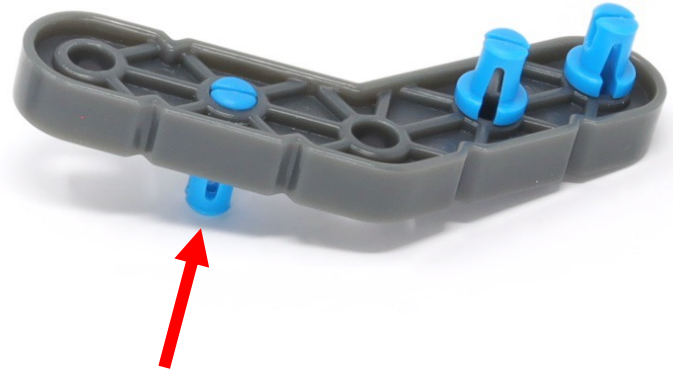
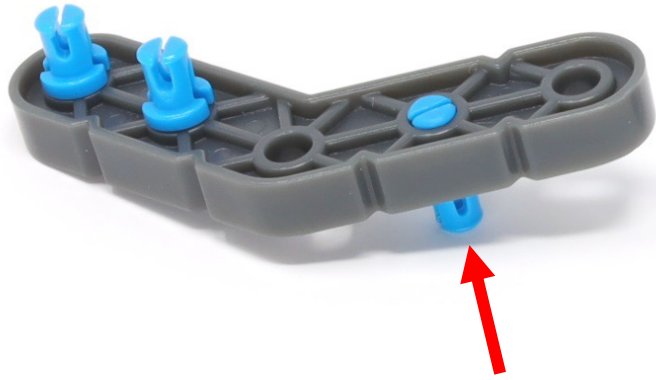
25 mm

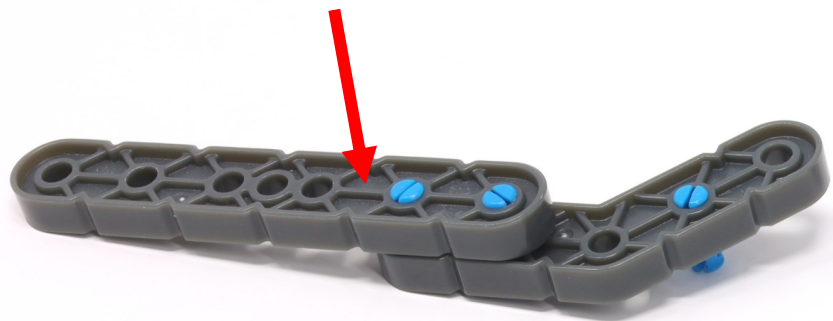


45°



45°

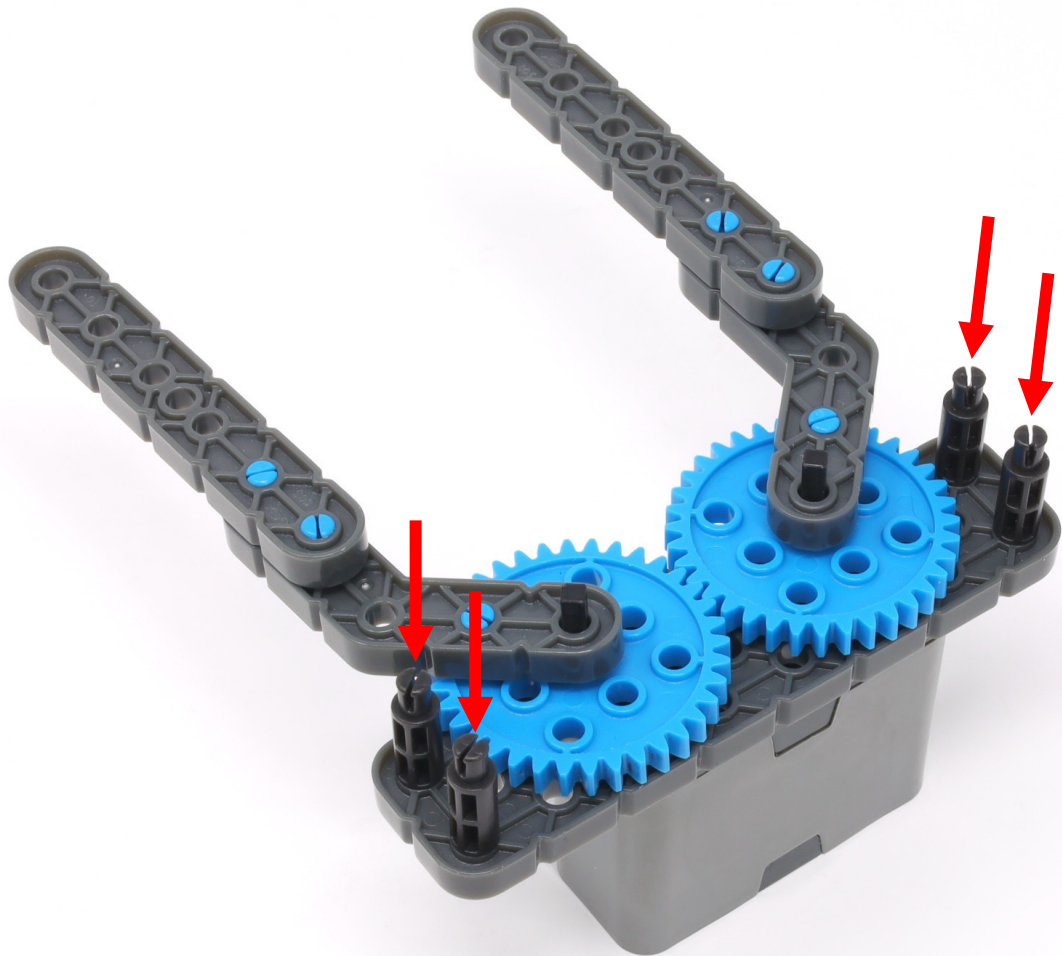




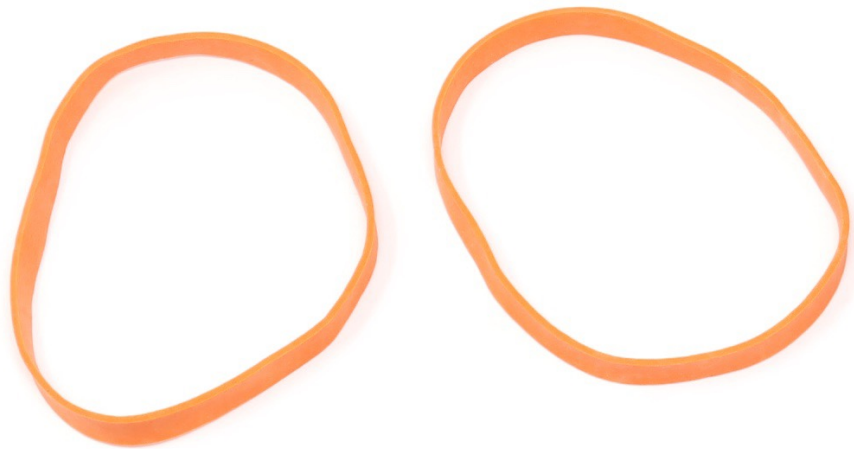
Almost Straight



Straight

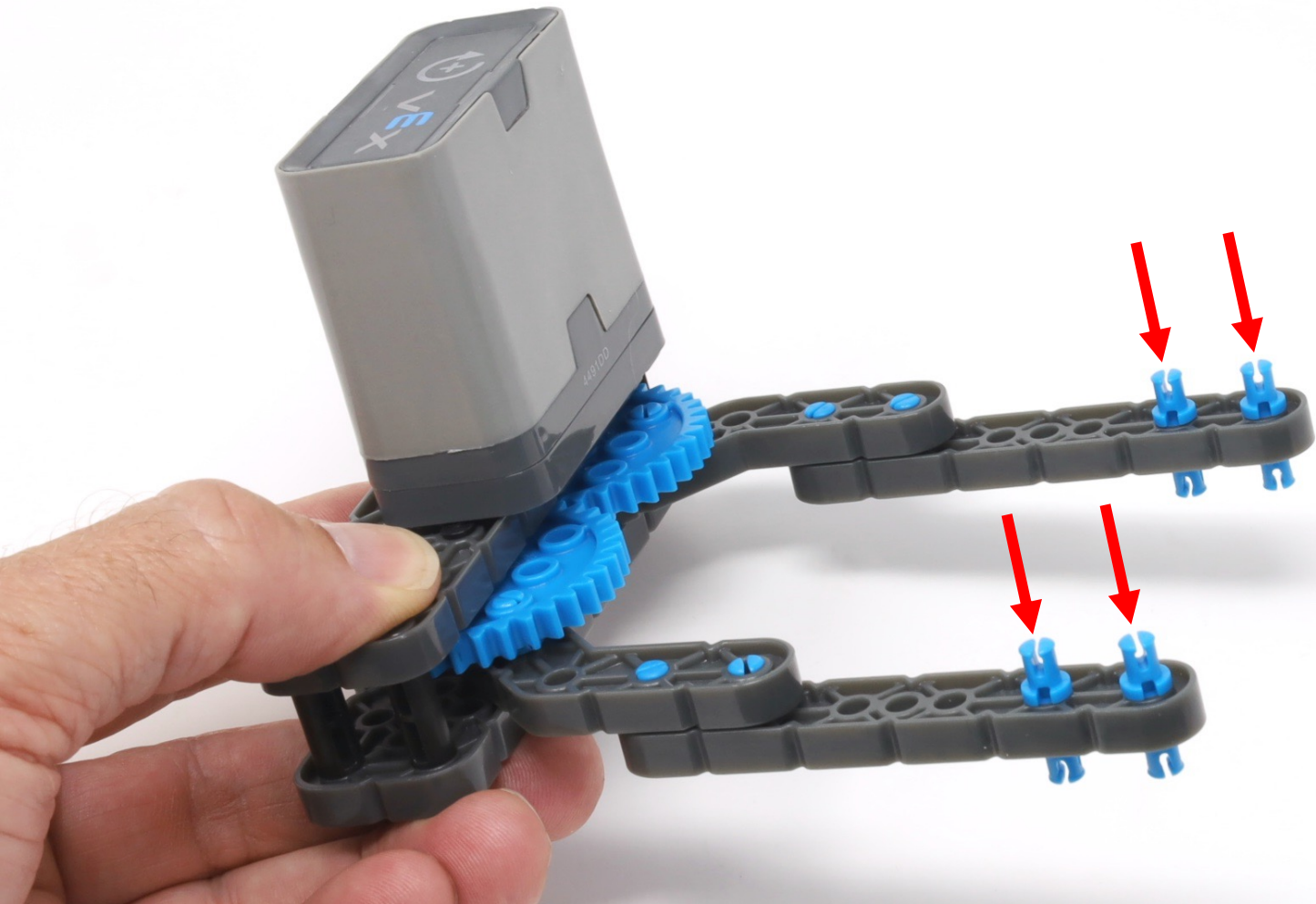




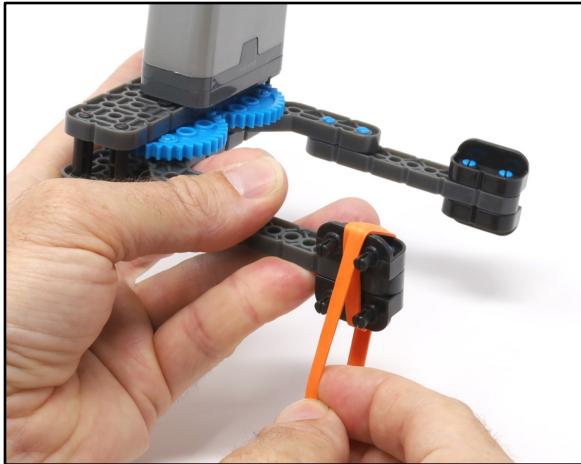
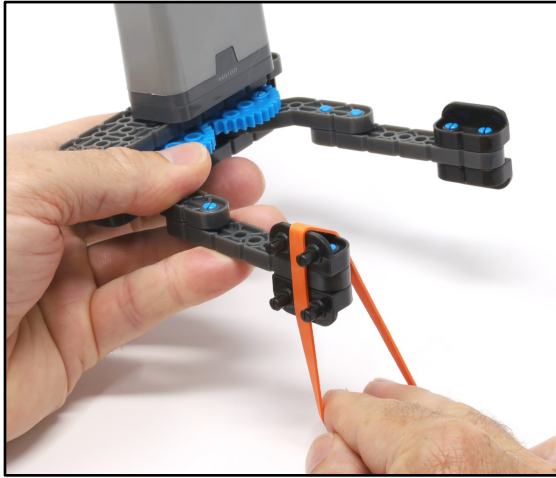


200 mm









Wrap a rubber band three times around each claw end.

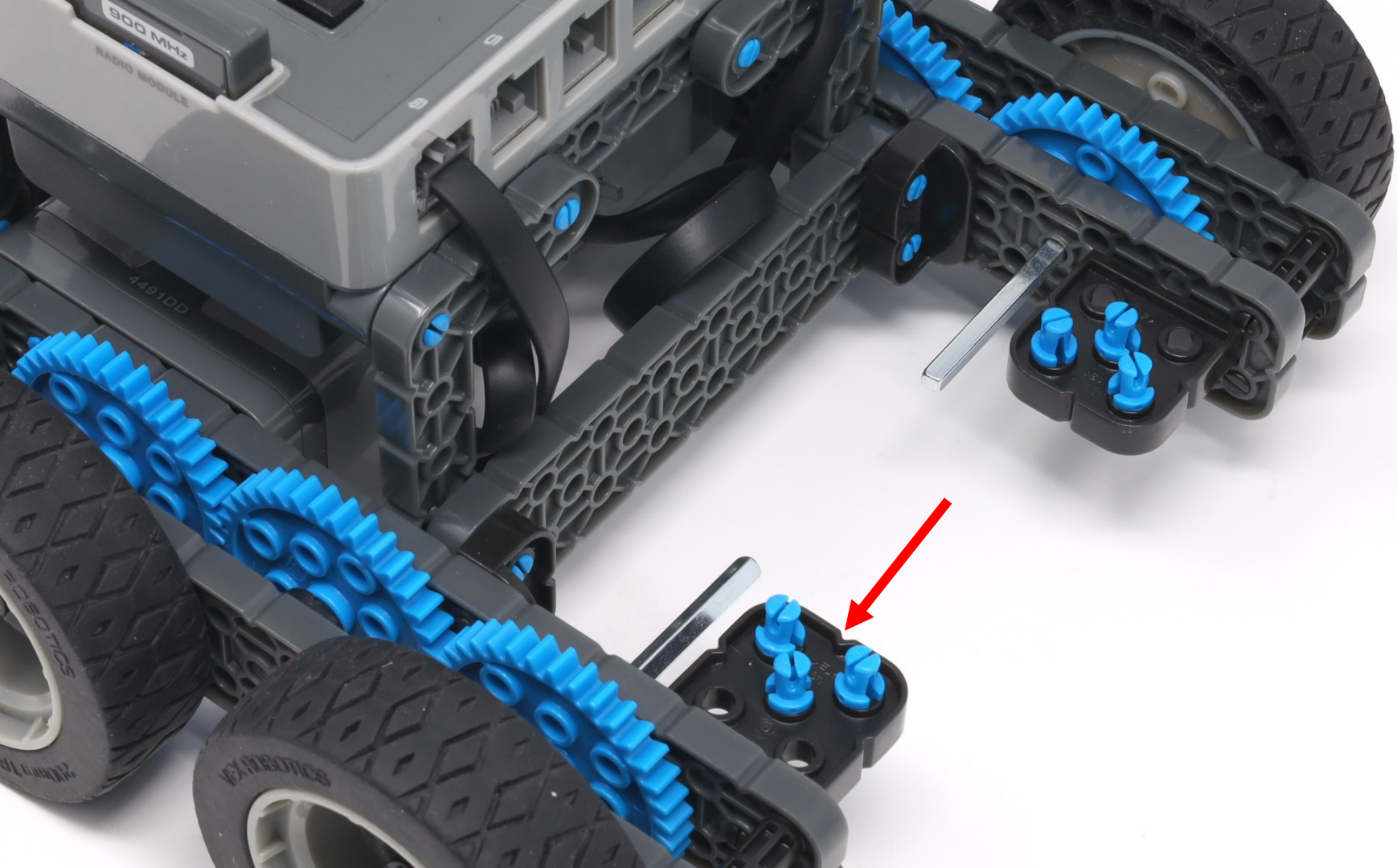




(6 x)









4 = Claw Motor

