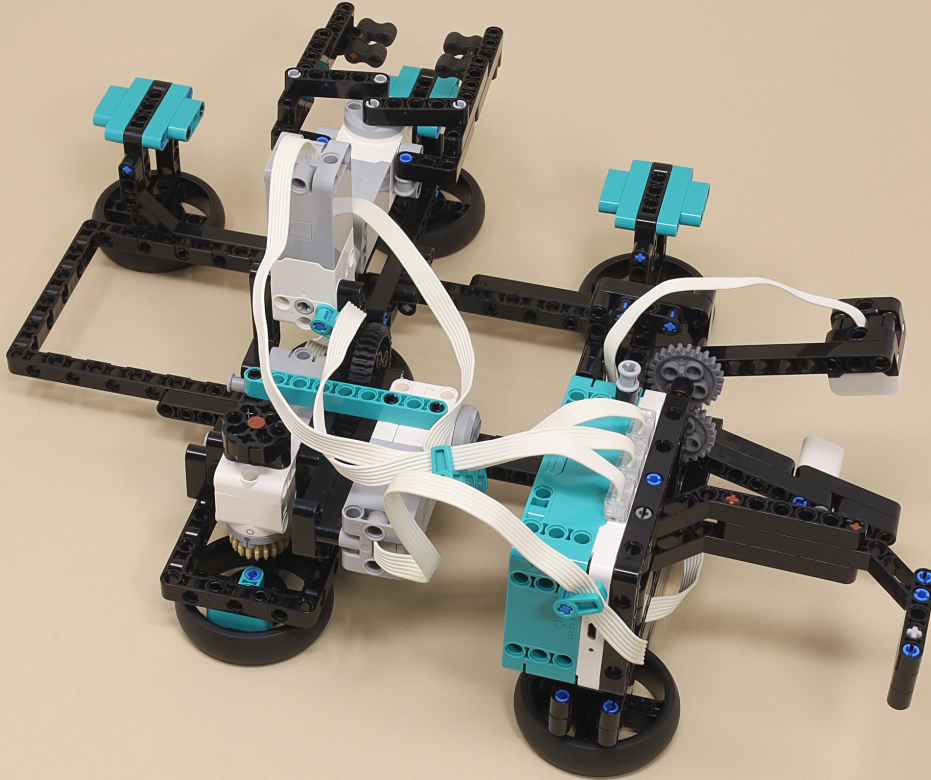


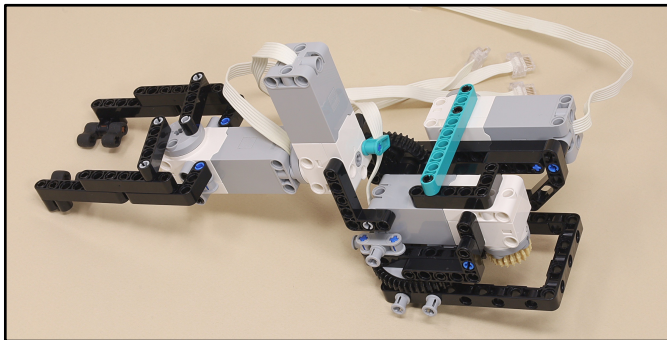
4-Motor Arm



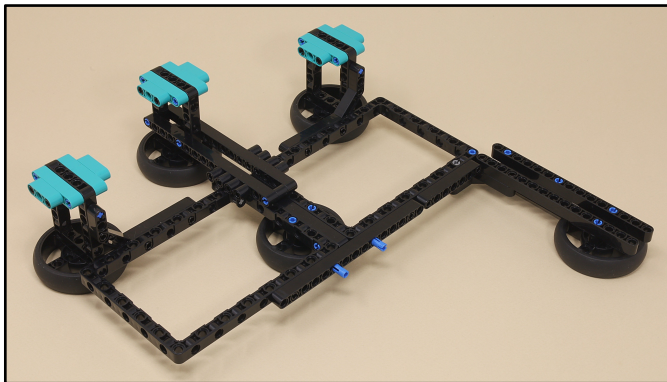
Scroll for
building
instructions



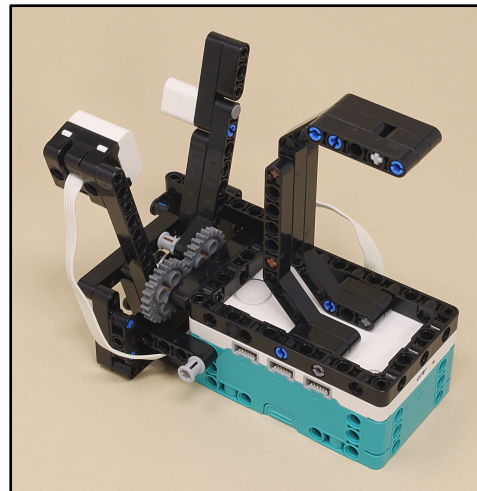
First, build:




Arm

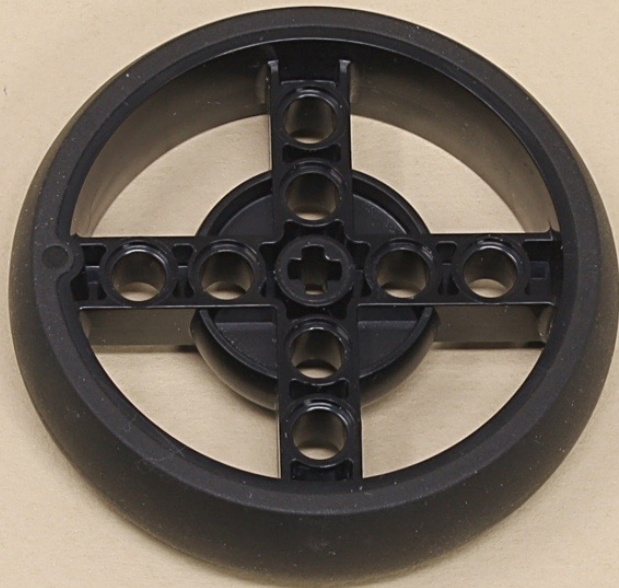
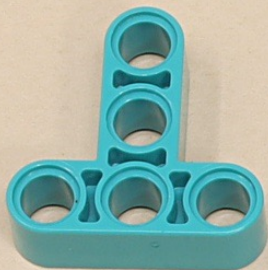


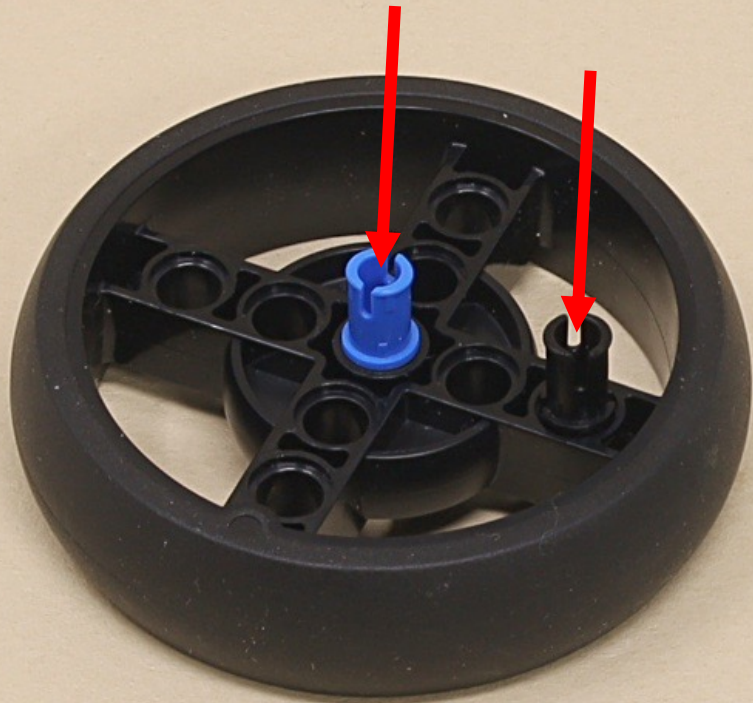
Base



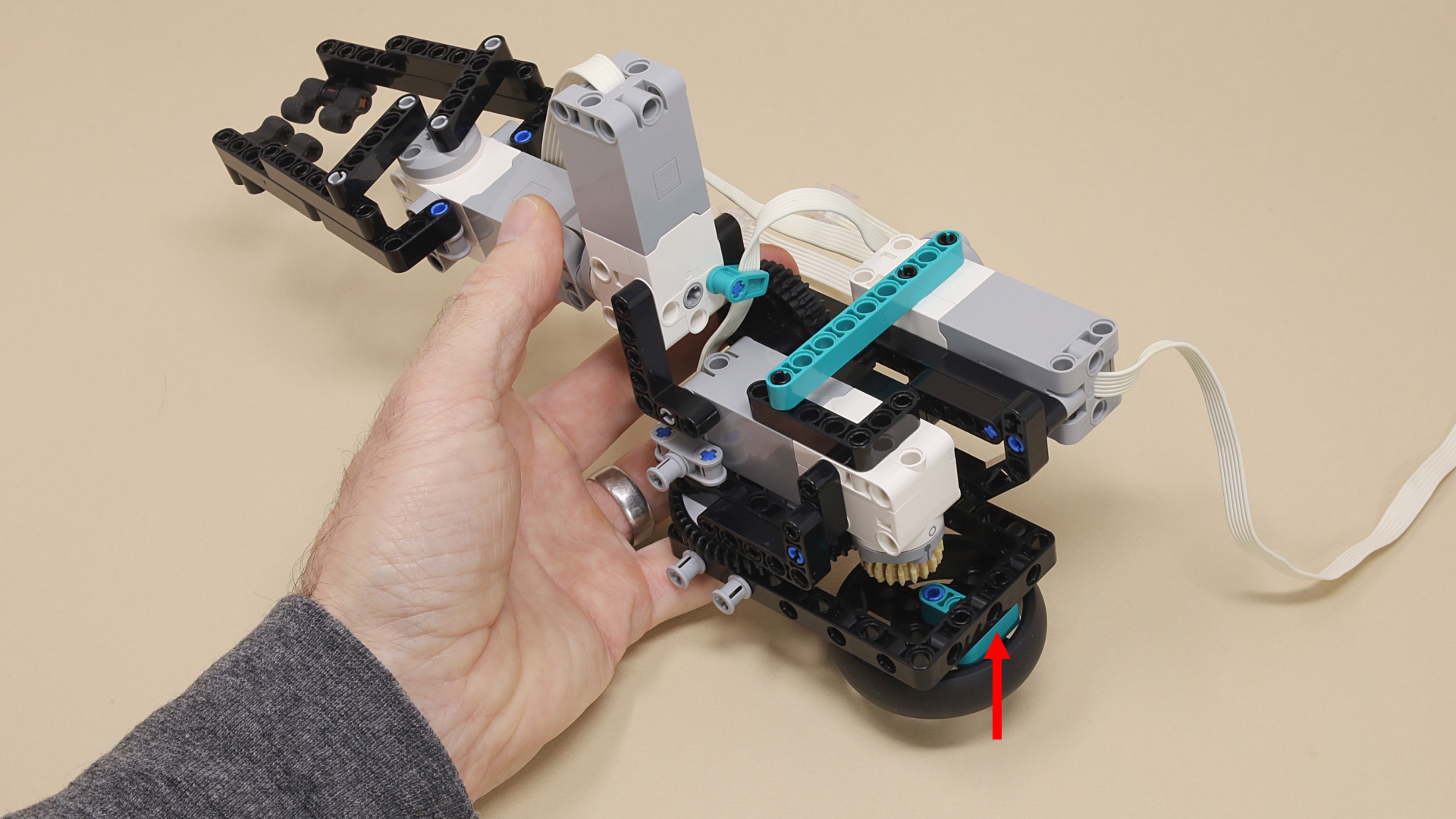
Hand Controller

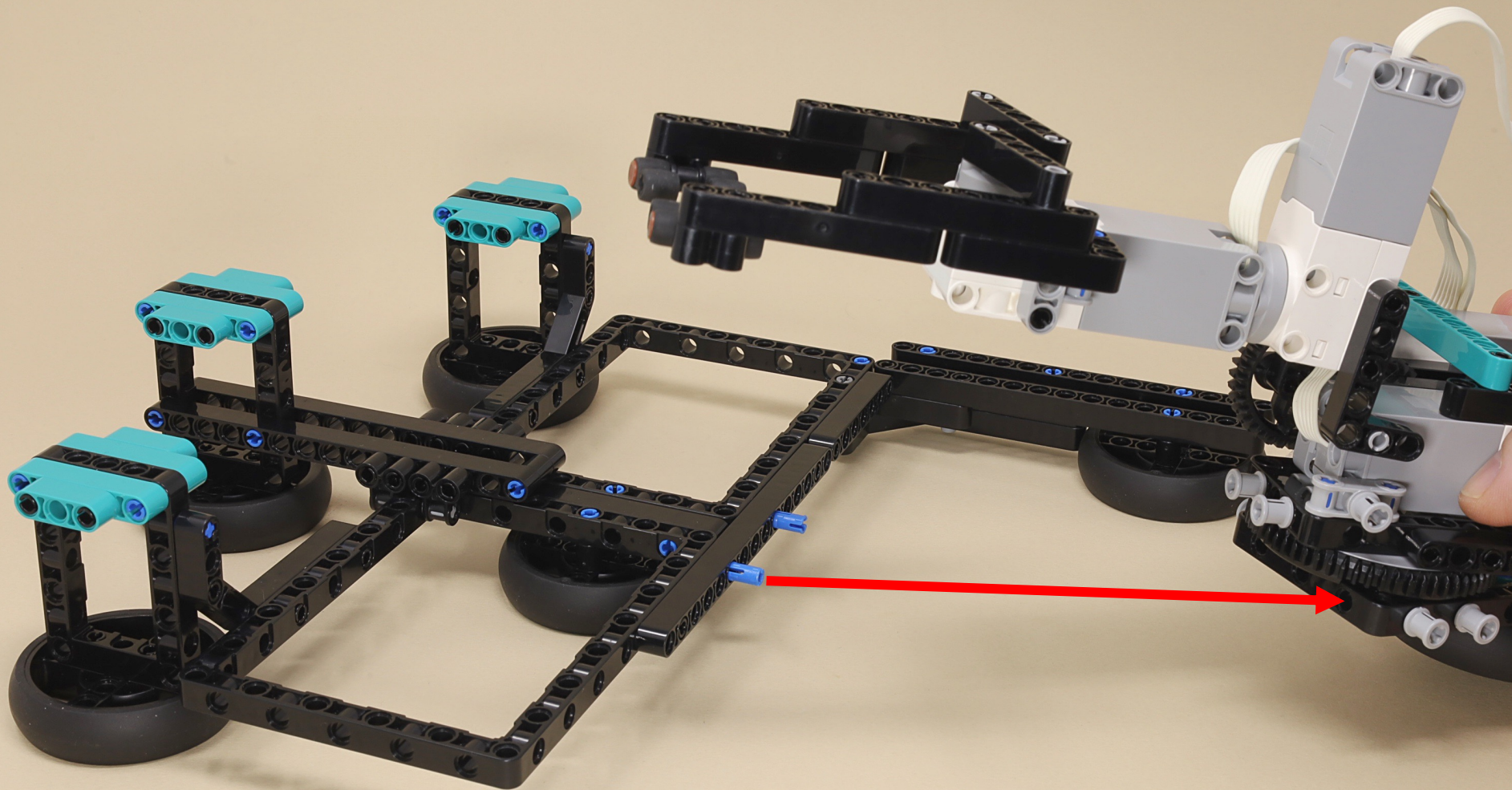
...then continue here for the final assembly 

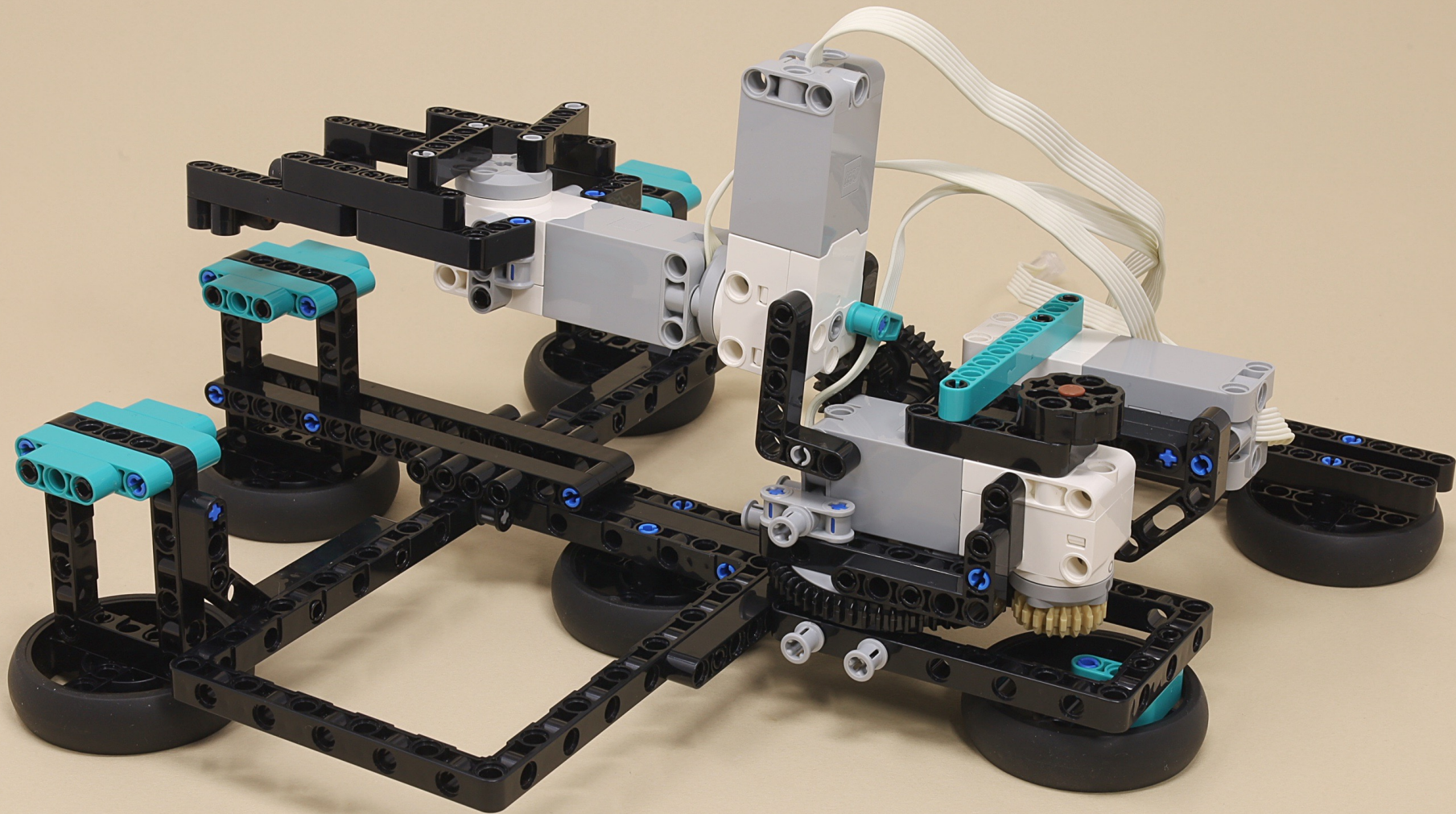


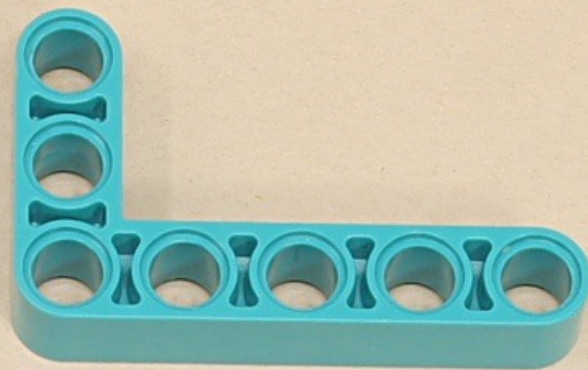
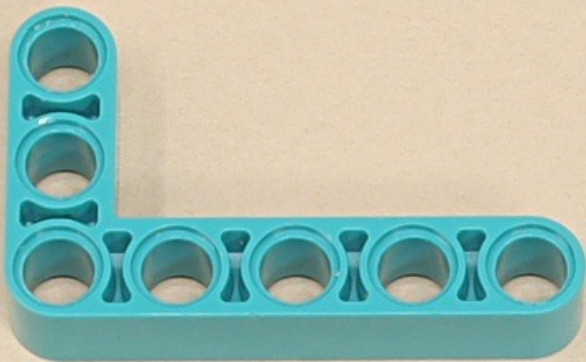




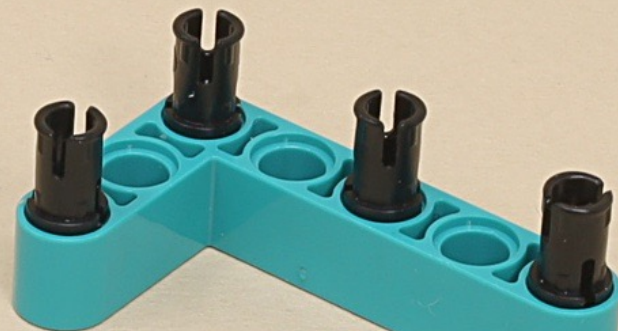
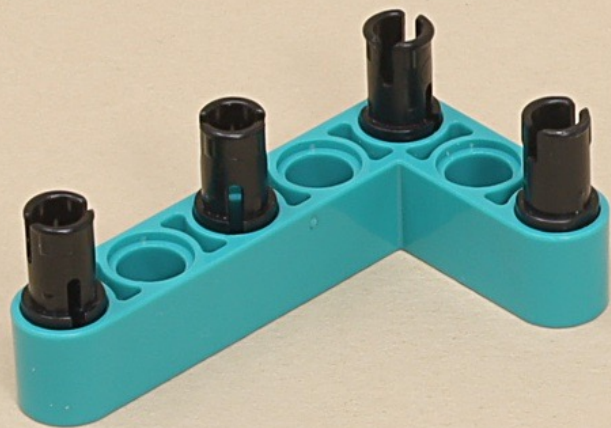








(8 x)



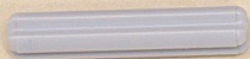




11



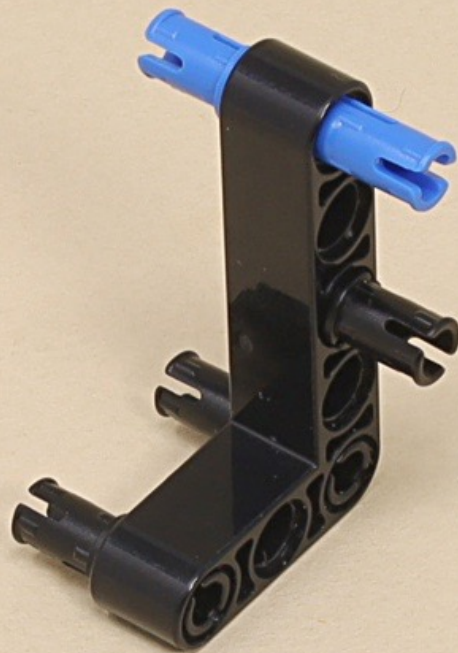
11

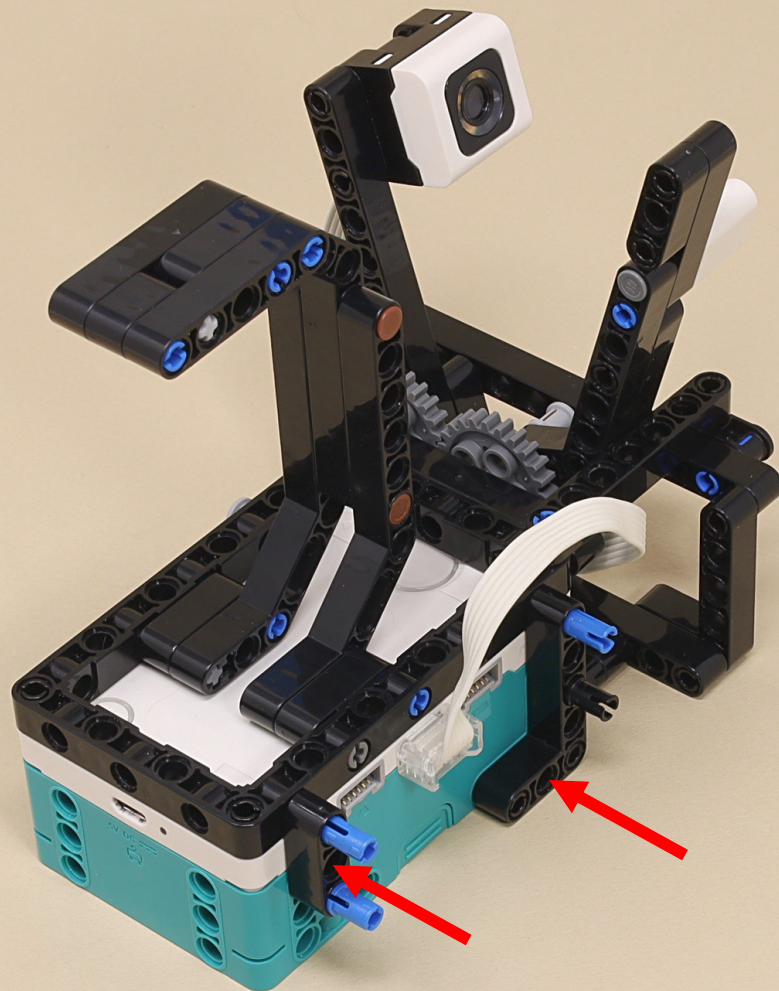


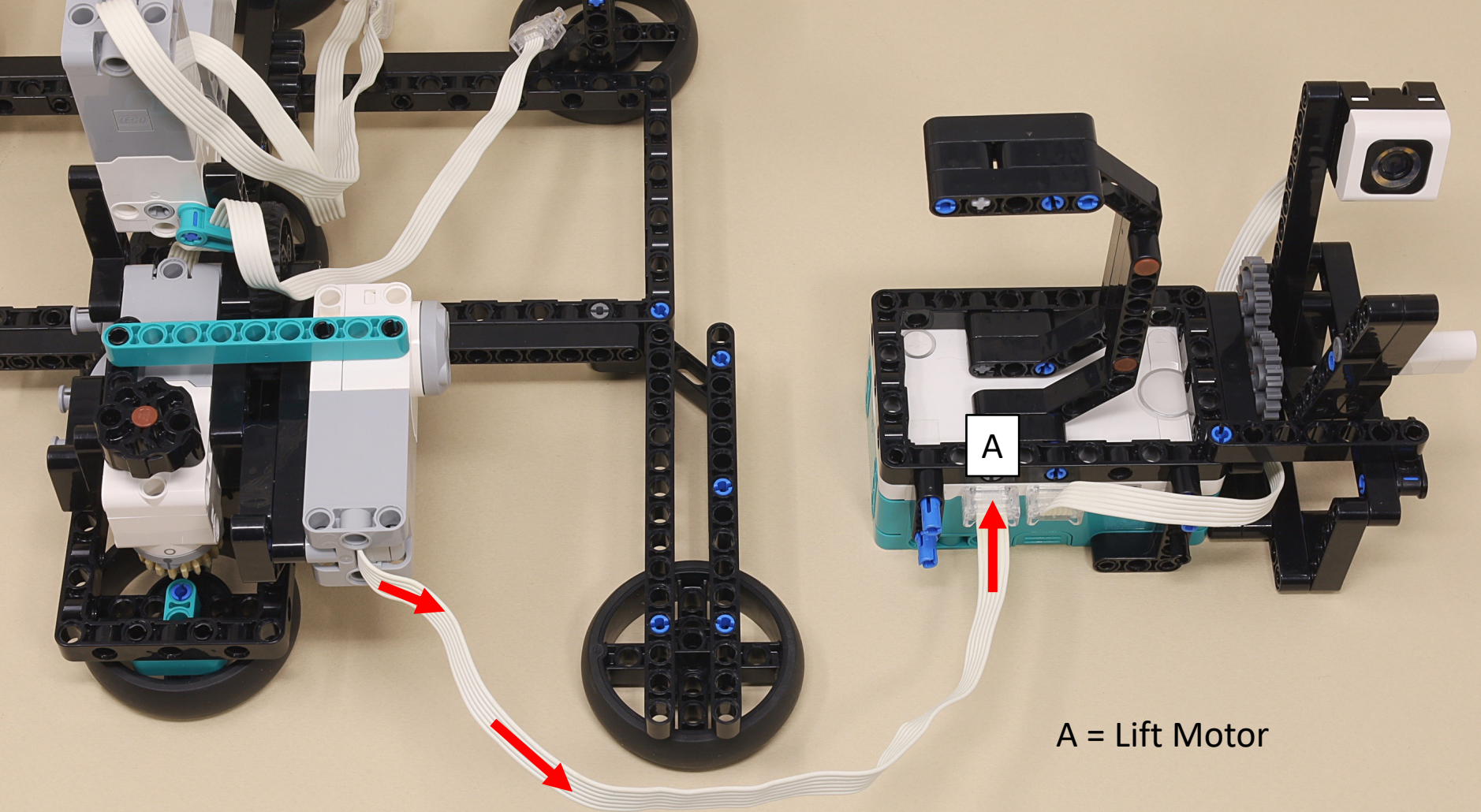
3



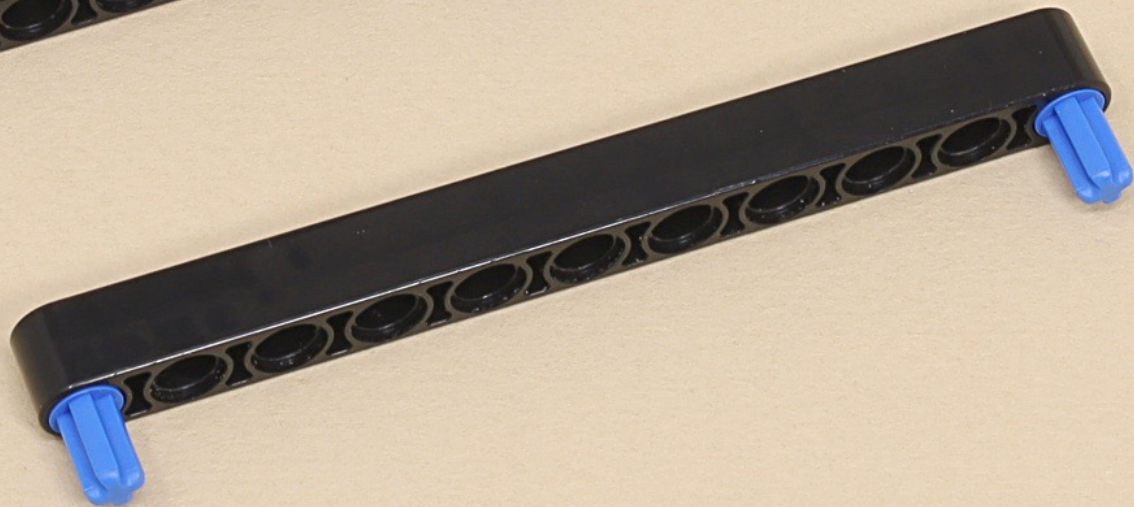
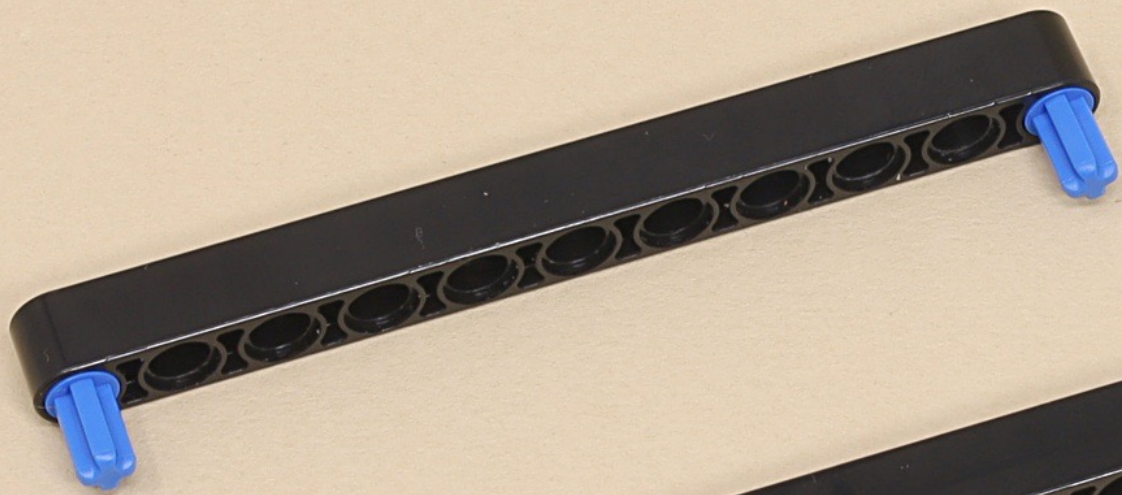
(5 x)

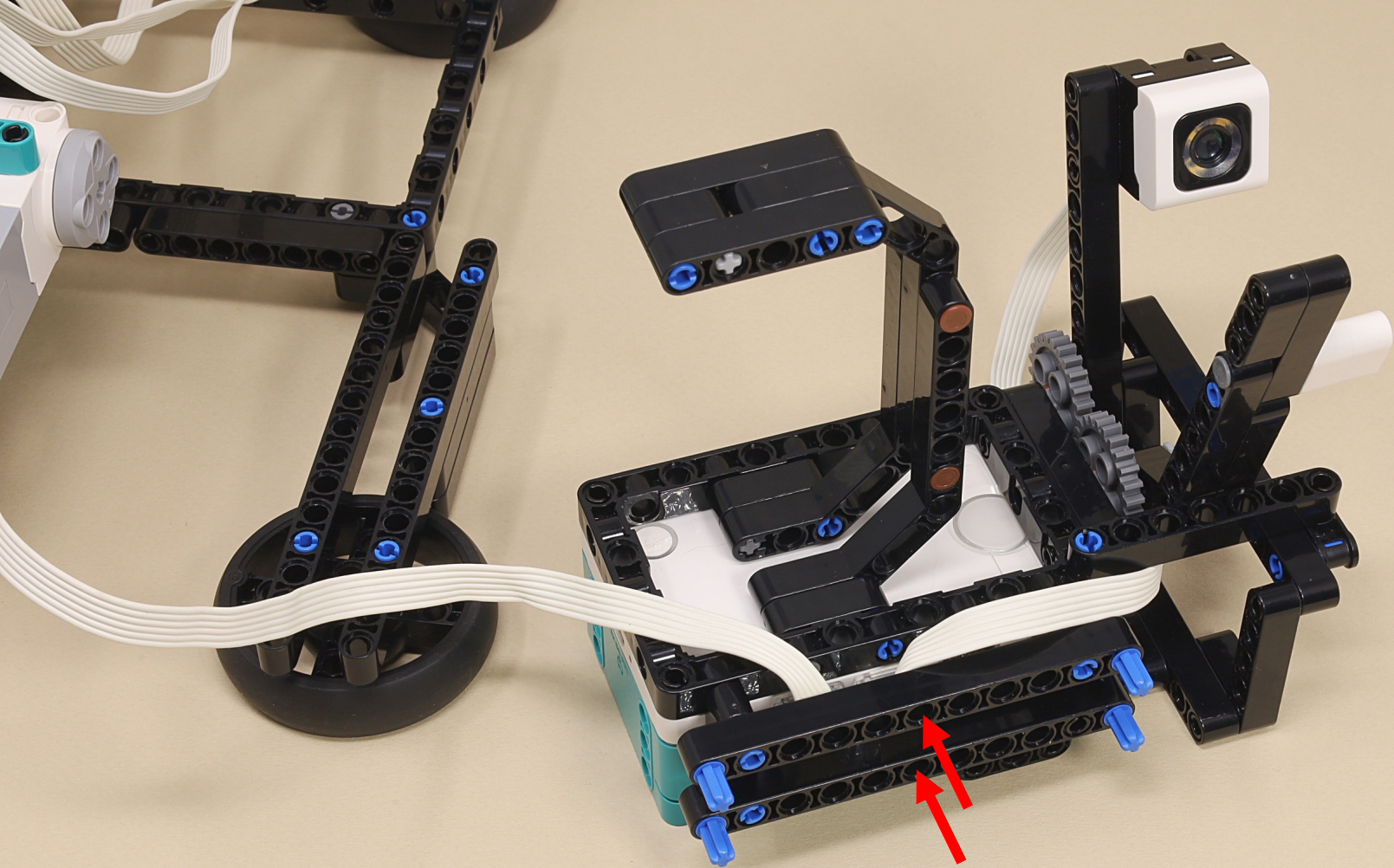


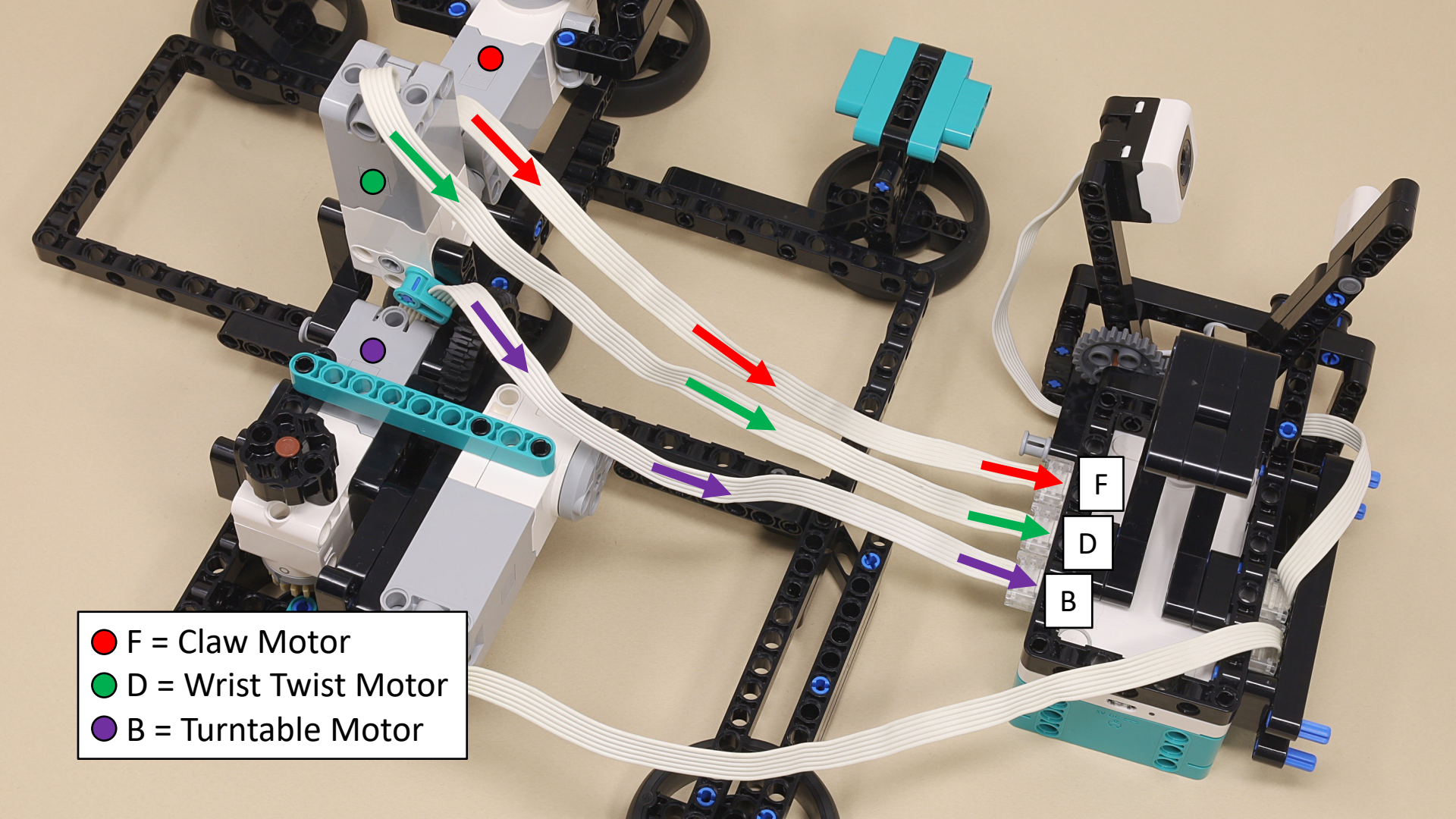


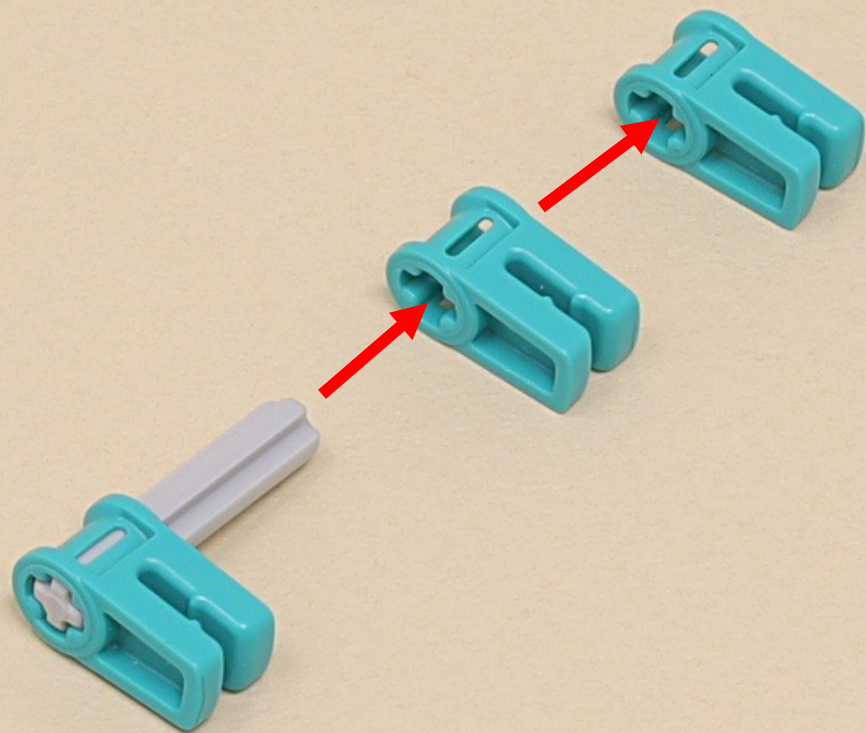


A = Lift Motor

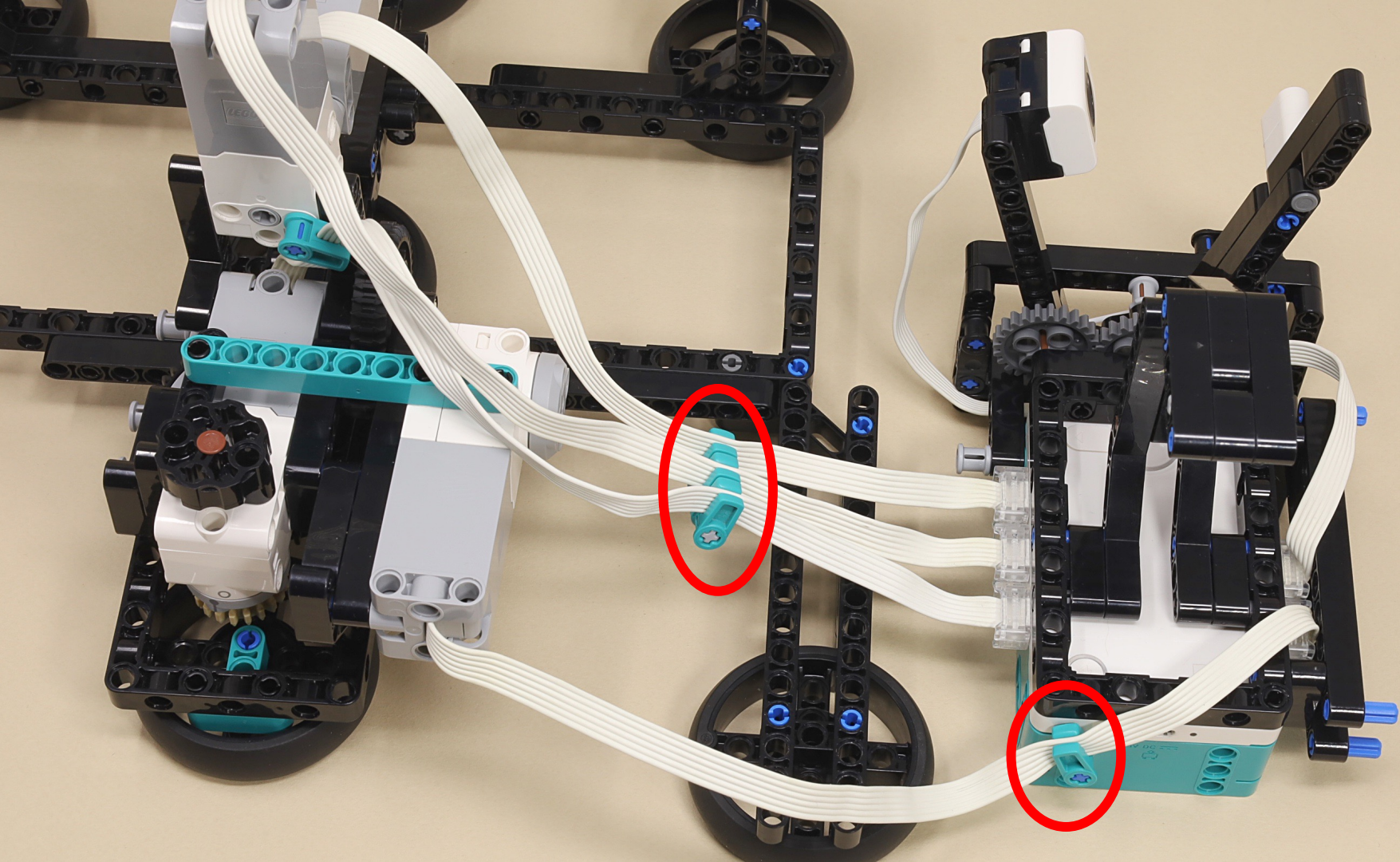


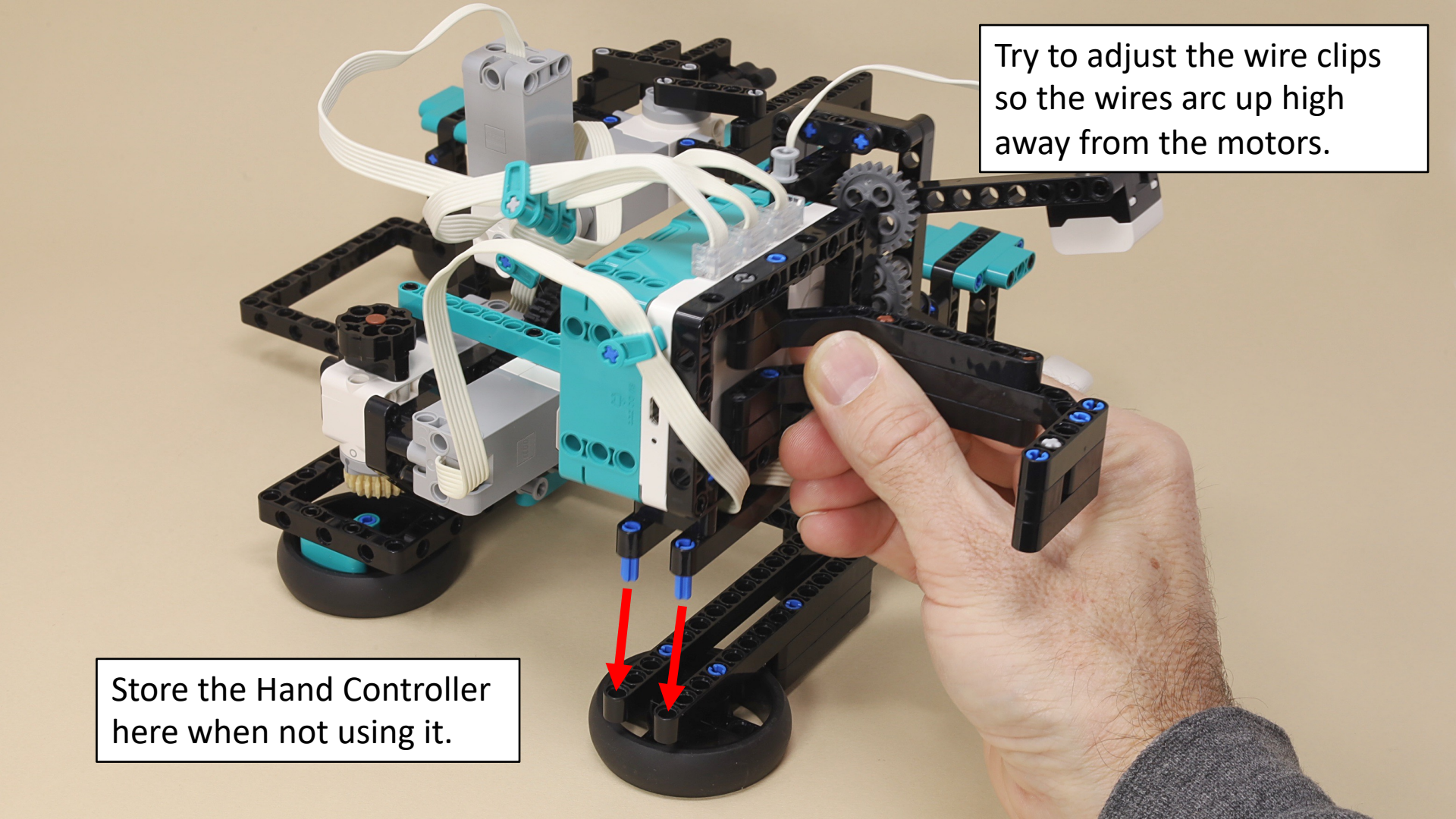


- 
- A detailed photograph of a LEGO Technic robot assembly, likely a Mindstorms NXT or similar, showing the internal wiring for three motors. The robot is constructed from black and grey Technic beams and connectors. Three white ribbon cables are used to connect the motors to a central control unit. The cables are color-coded: red, green, and purple. Arrows on the cables indicate the direction of signal flow. A legend in the bottom left corner identifies the motors: F = Claw Motor (red dot), D = Wrist Twist Motor (green dot), and B = Turntable Motor (purple dot). The cables are connected to a central control unit on the right, which has three ports labeled F, D, and B. The cables are also connected to a central control unit on the left, which has three ports labeled F, D, and B. The cables are connected to a central control unit on the right, which has three ports labeled F, D, and B.
- F = Claw Motor
 - D = Wrist Twist Motor
 - B = Turntable Motor



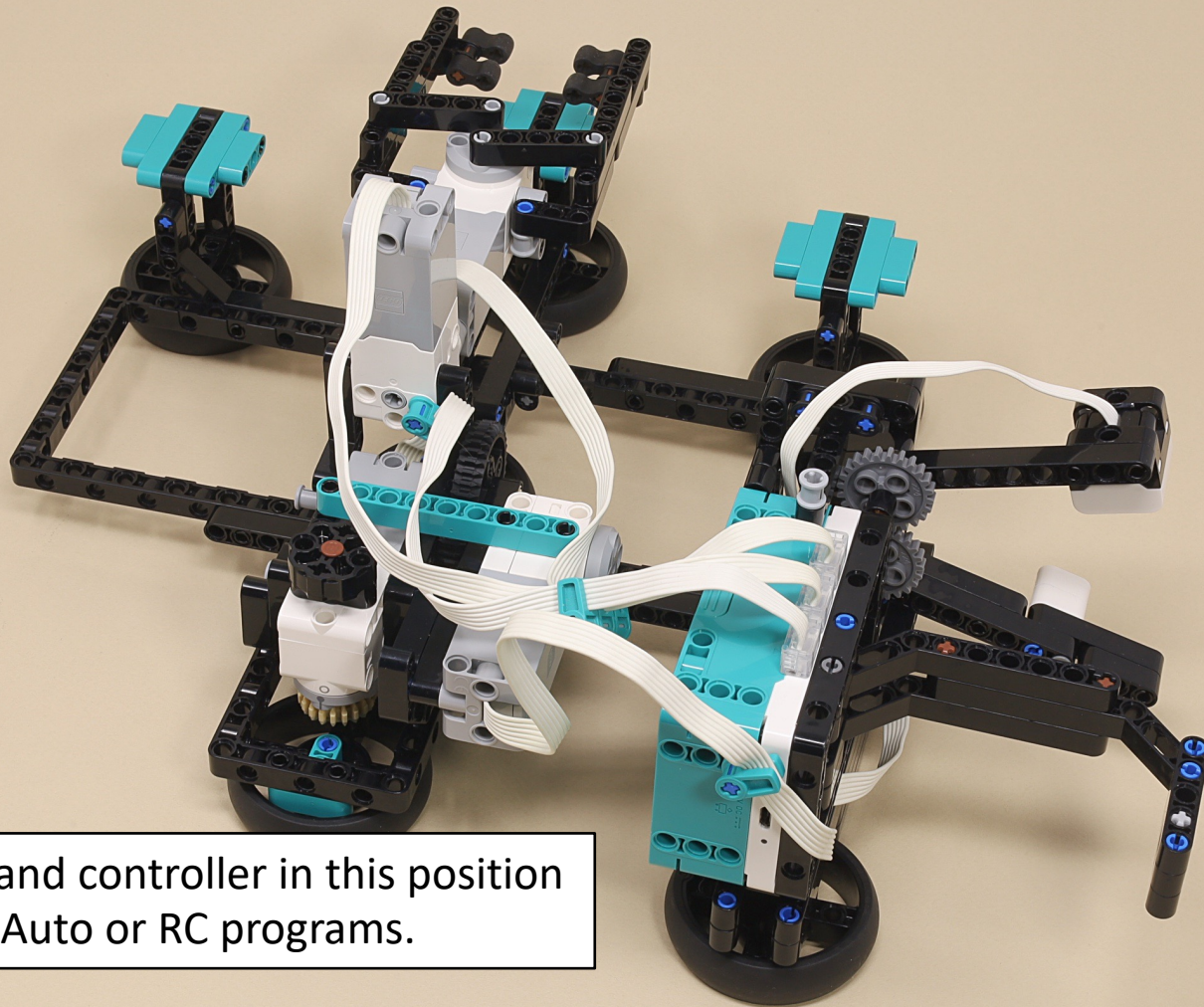




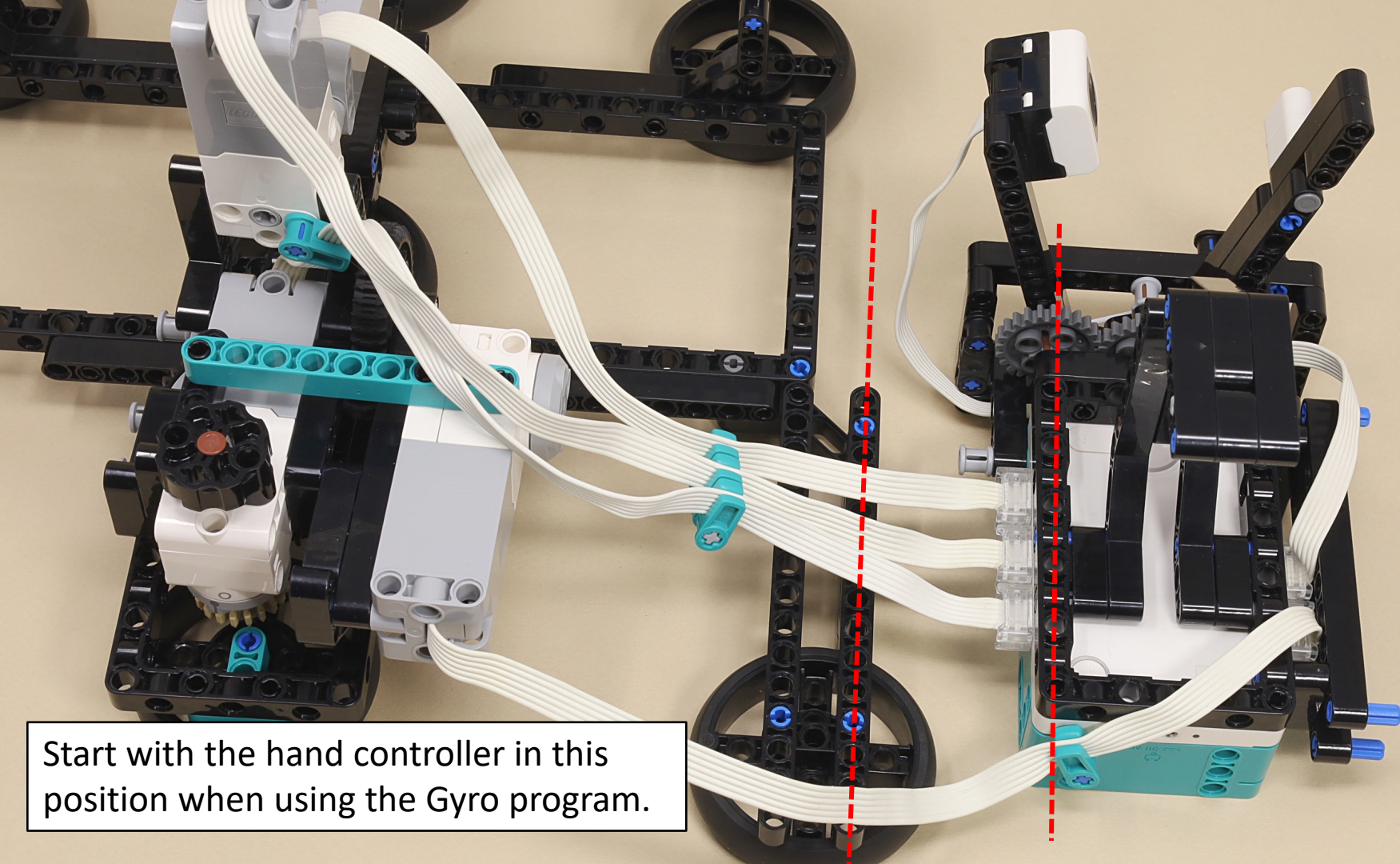
A close-up photograph of a hand adjusting a LEGO Technic robot. The robot is constructed from black and teal Technic beams and connectors. It features two large black wheels at the base. A hand is shown adjusting a black Technic beam on the right side of the robot. Two red arrows point to the bottom of the robot's frame, indicating a storage location for a hand controller. The background is a plain, light-colored surface.

Try to adjust the wire clips so the wires arc up high away from the motors.

Store the Hand Controller here when not using it.



Start with the hand controller in this position when using the Auto or RC programs.



Start with the hand controller in this position when using the Gyro program.