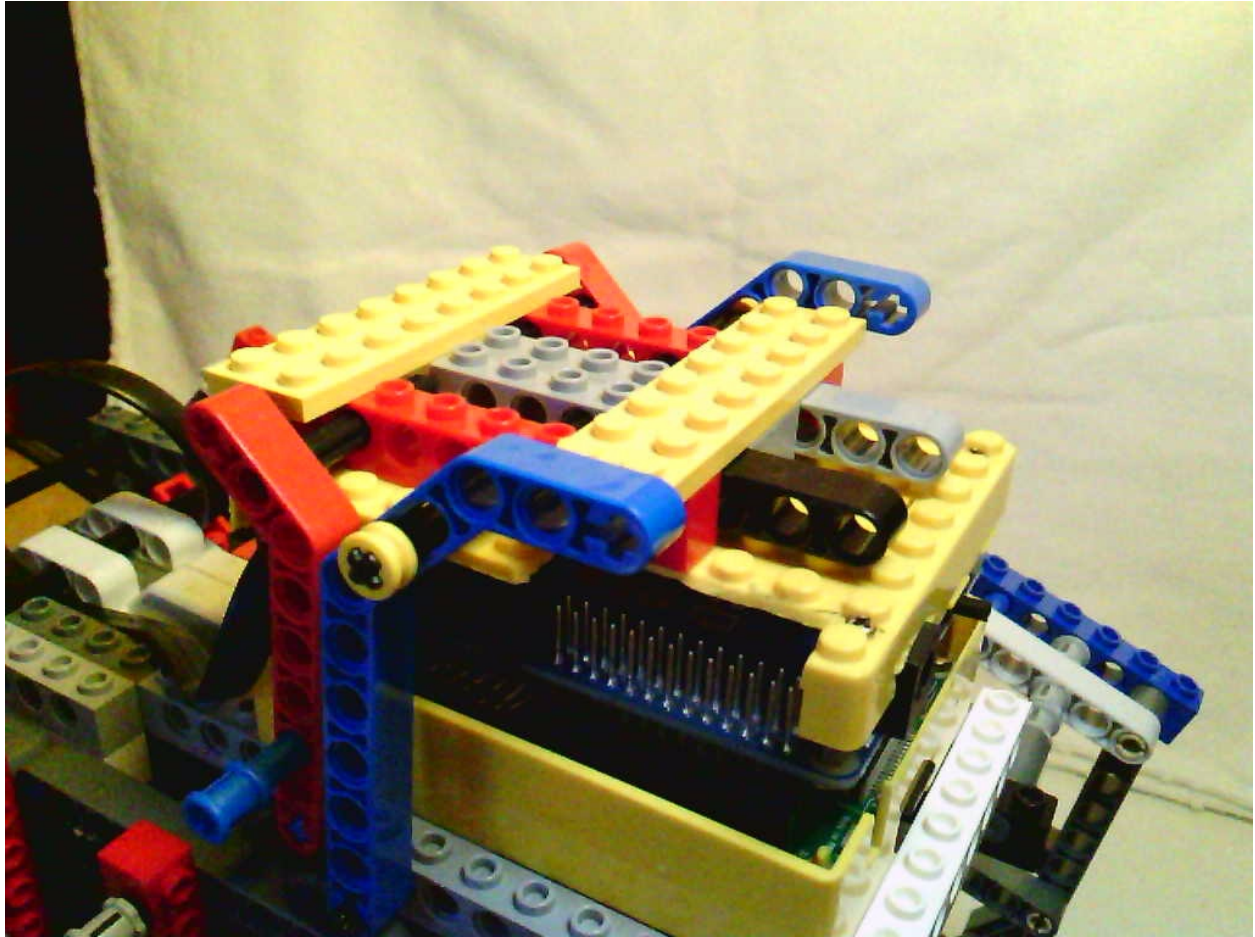
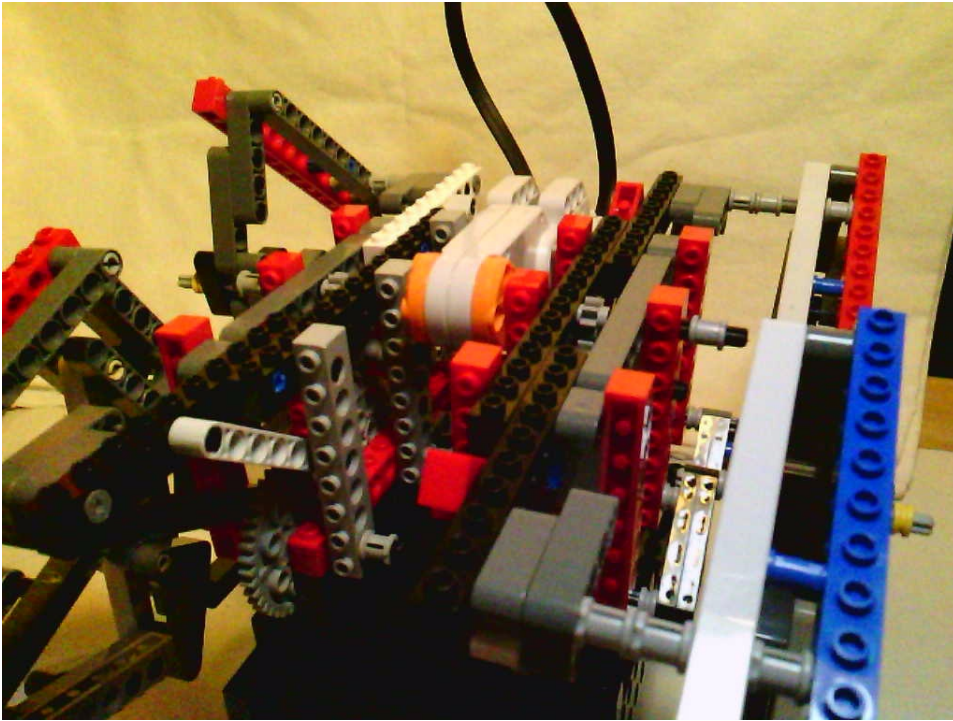


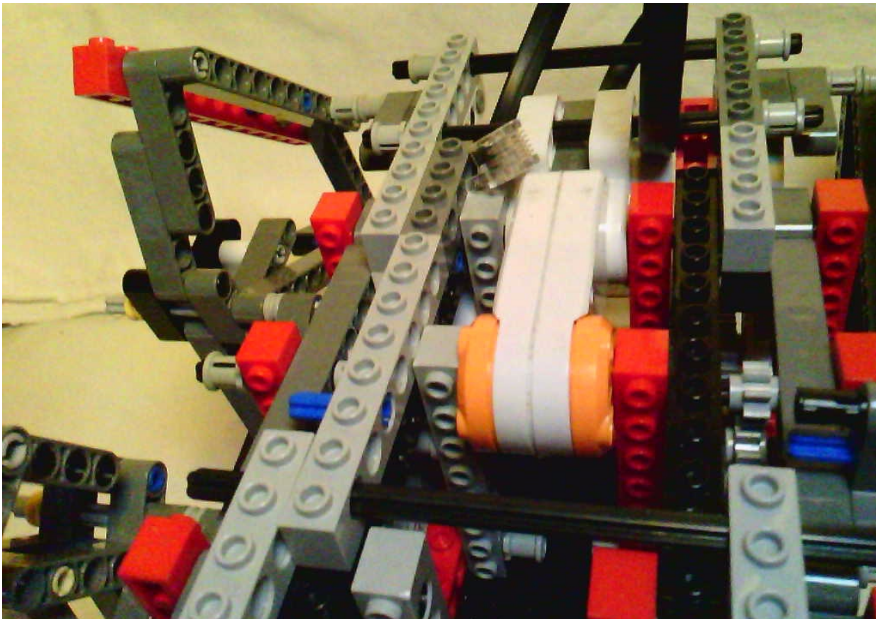
Attaching the BrickPi to the Torso

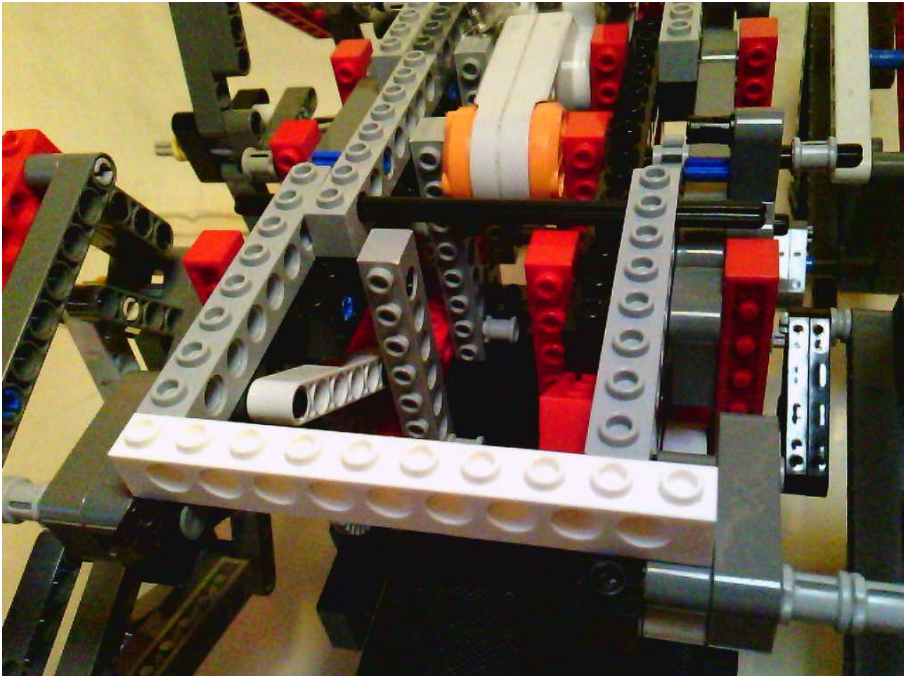




1

You must raise the surface of the torso so that the BrickPi can sit without interference by the motor. Note how the 2 rear 15 axes hold the wires down and the middle one goes through the motor.

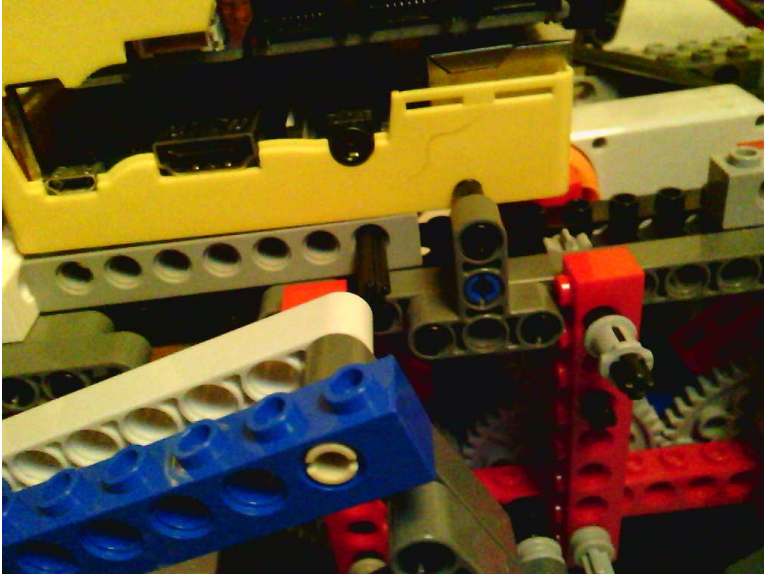




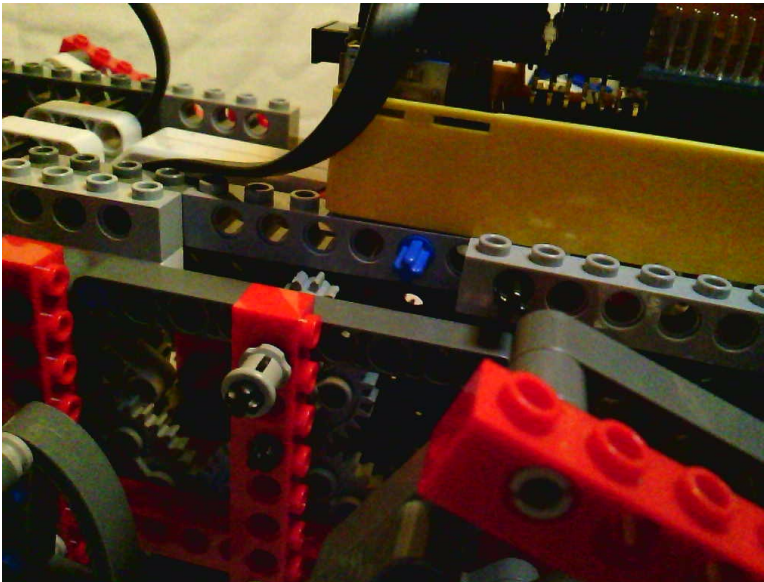
Since the motor is 3 segments wide (an odd number) and the square bricks and Lego case is an even number, the sides are not evenly distributed on the torso as seen above.

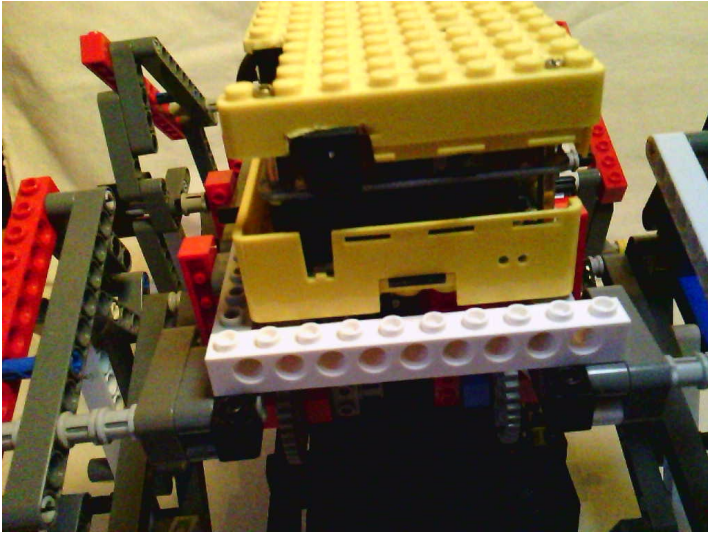


2

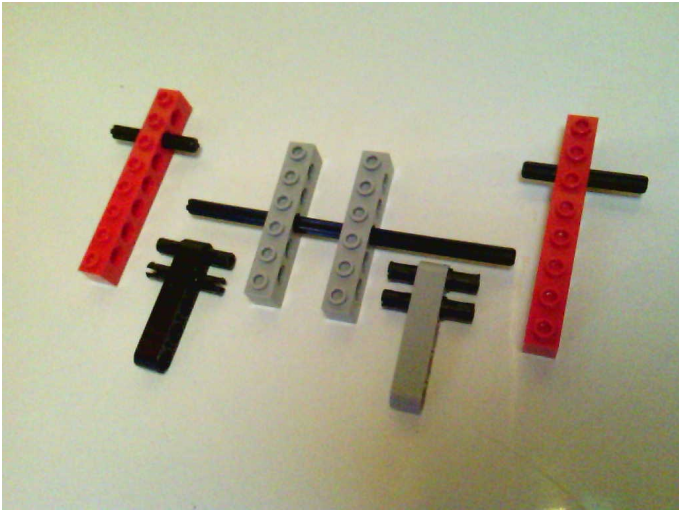


Note the upside-down "T". There will be a red bracket holding the BrickPi in place. The blue pin on the other side(image below) has to be directly opposite the "T" bracket.

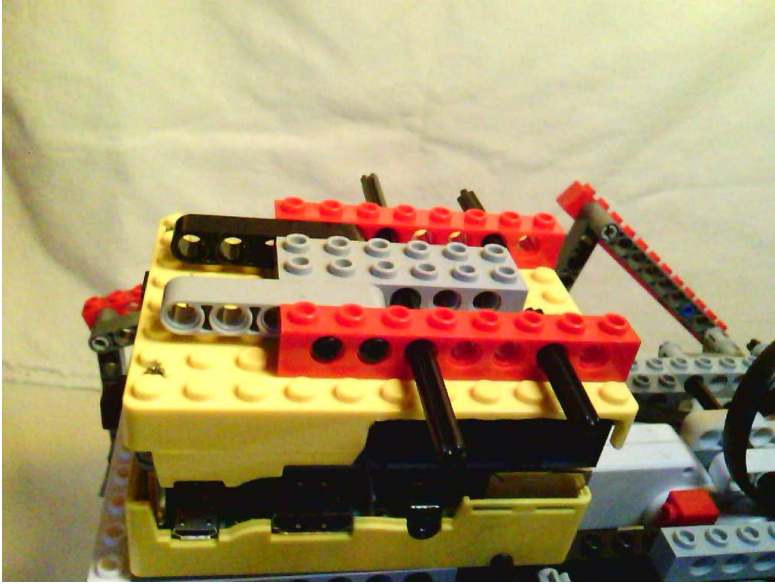




3

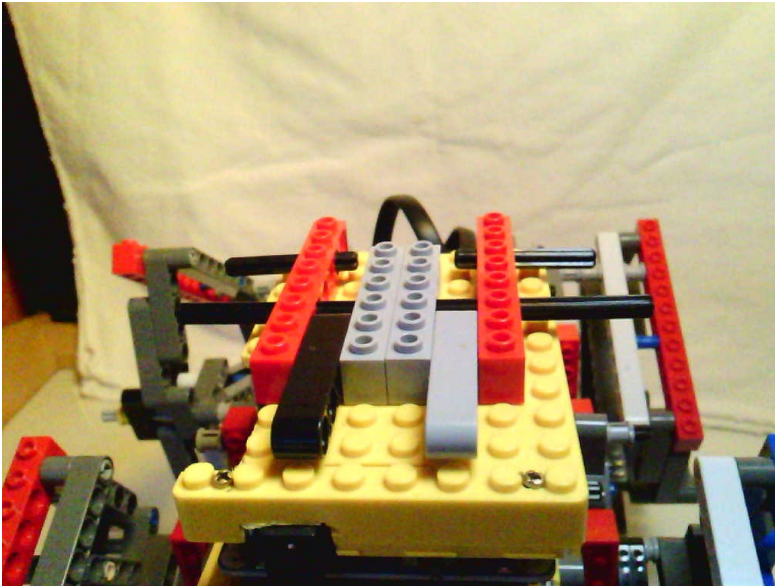


4

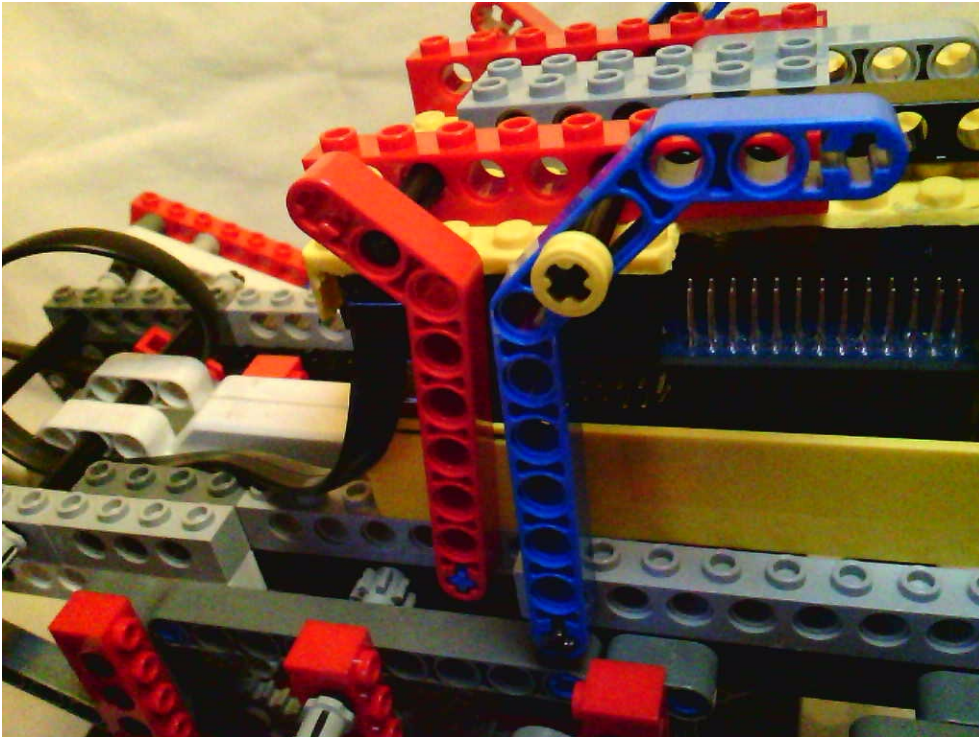


5

left axle is 13



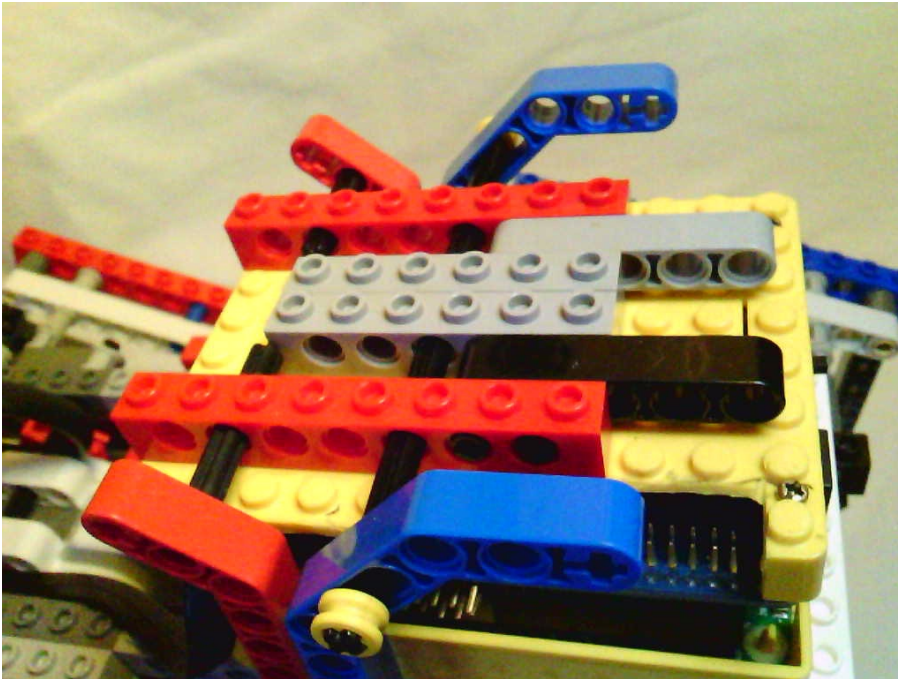
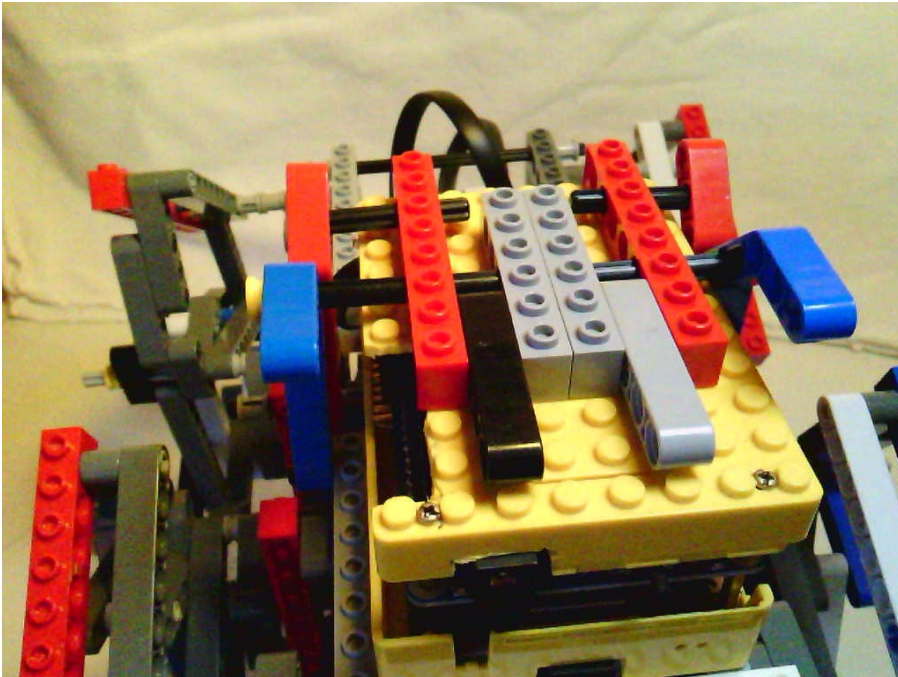
back axles are 4

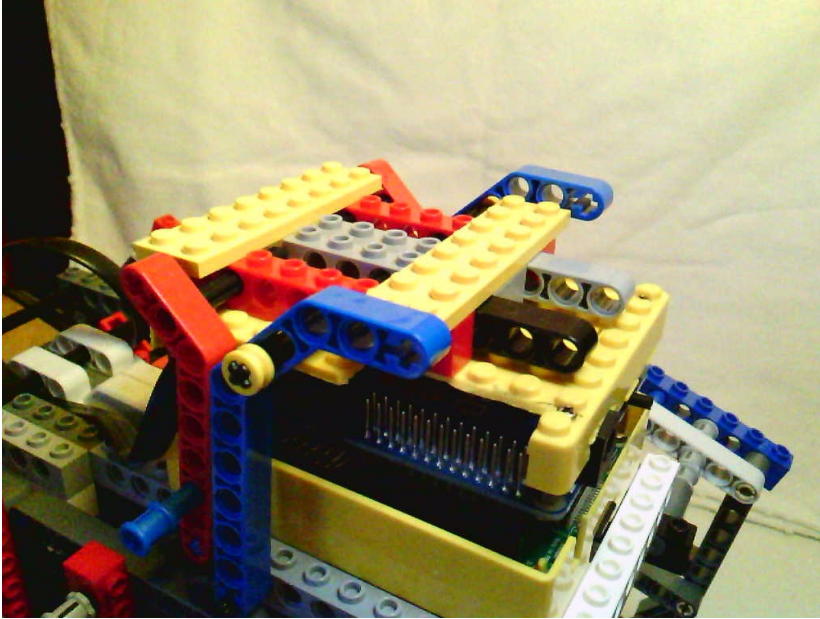


6

Both sides look the same, except that the red bent beam on the right side is connected by the blue axle/connector peg while on the left side the red bent beam is connected by the above "T".

7





8

Put a 2-2x8 flat plate between the bent beams to help stabilize the BrickPi.