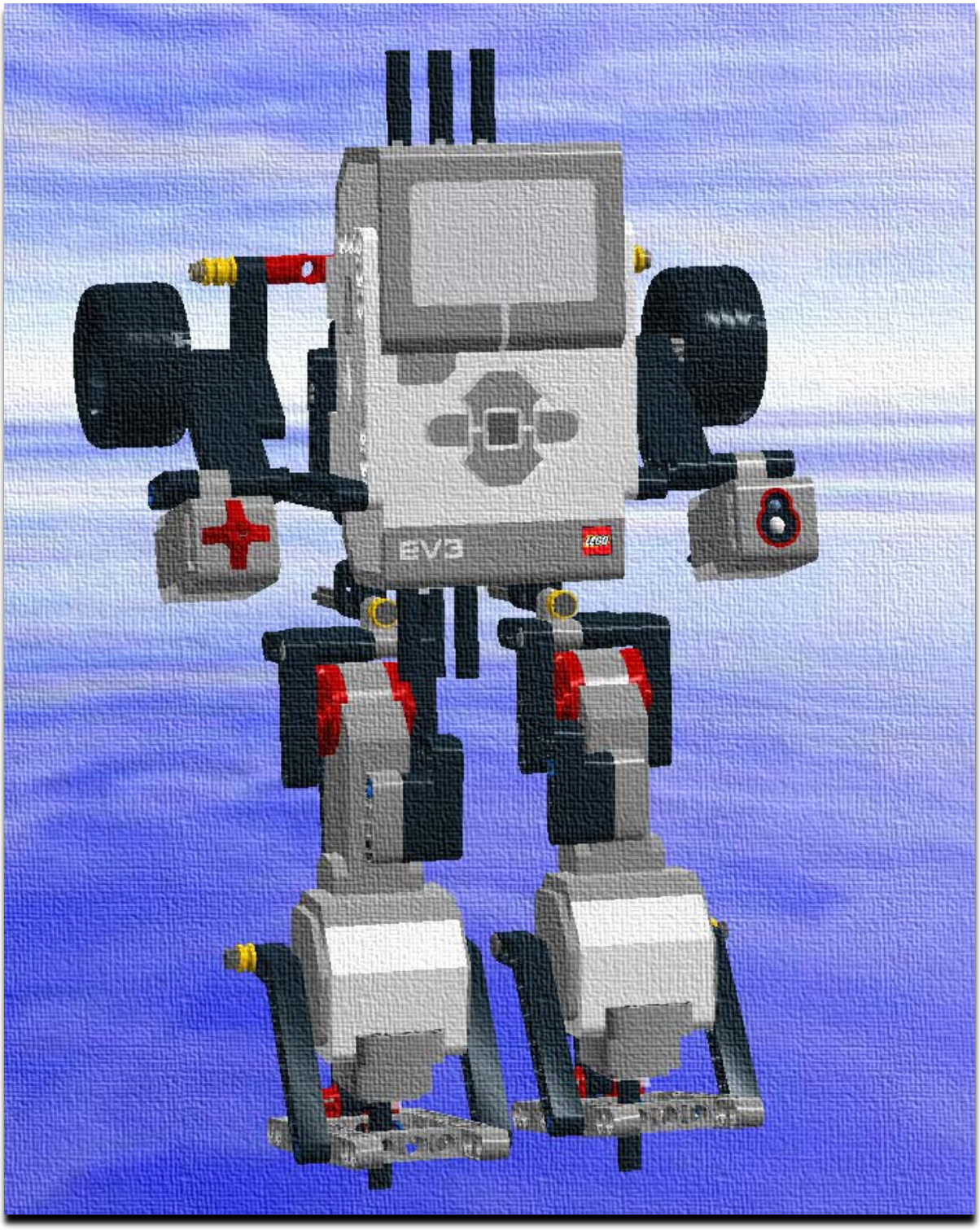
LEGO Mindstorms EV3 Dancing Robot Build Instructions



Right Leg

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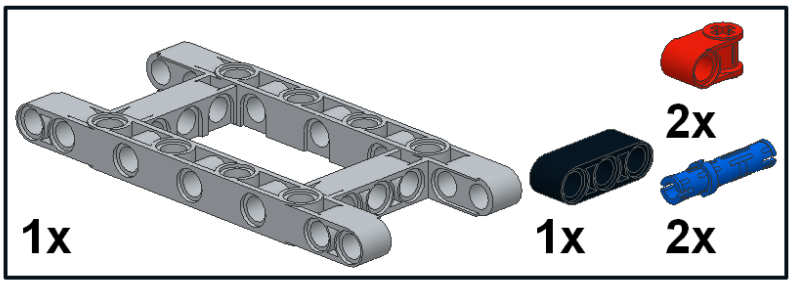

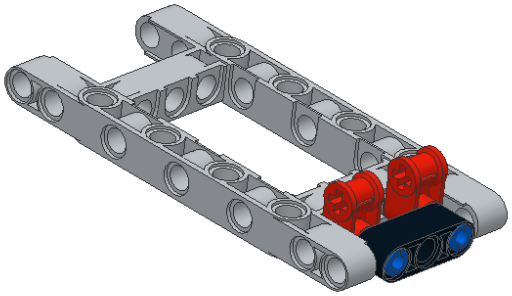

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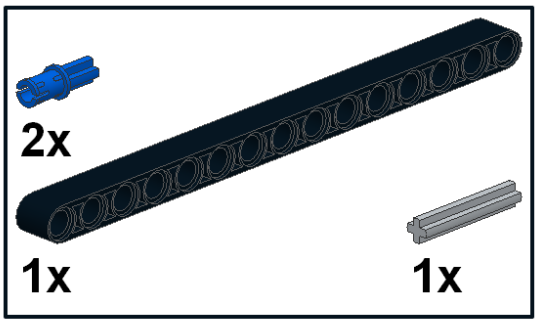

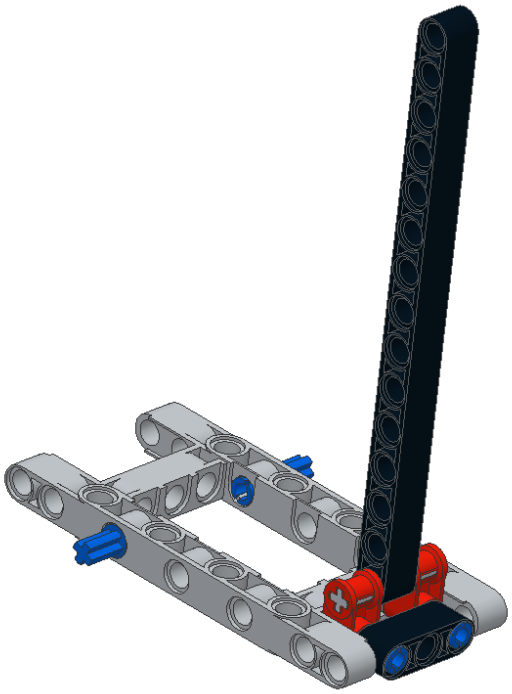

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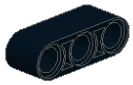

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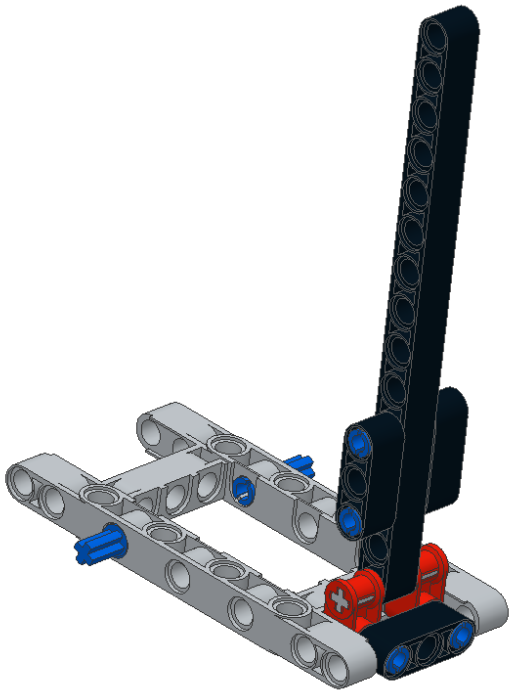

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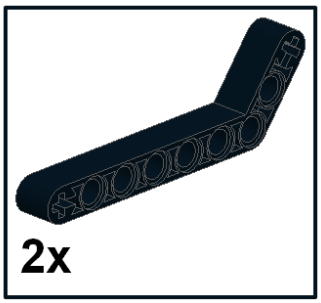

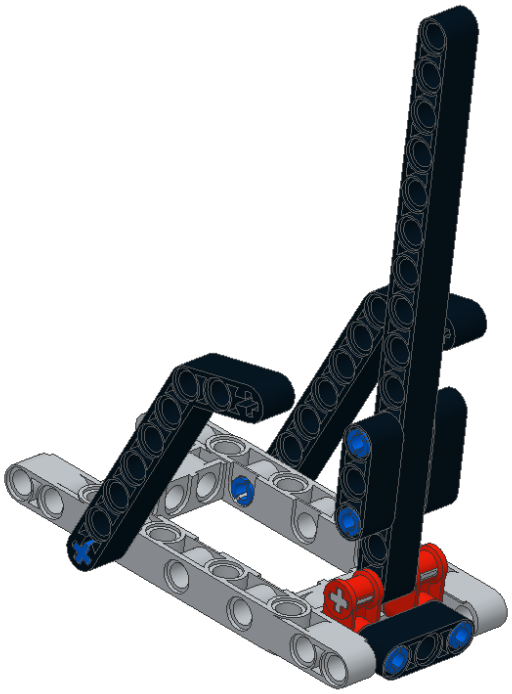

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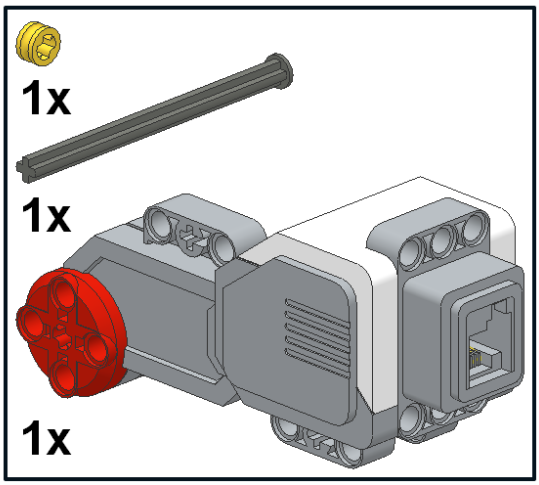

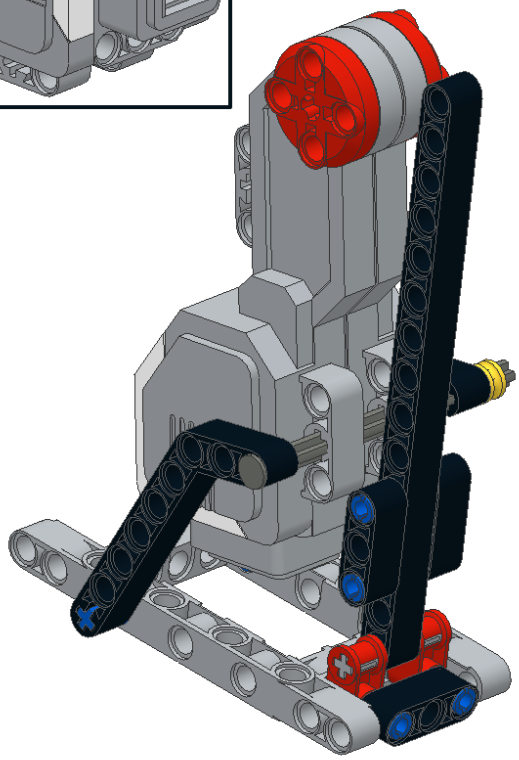

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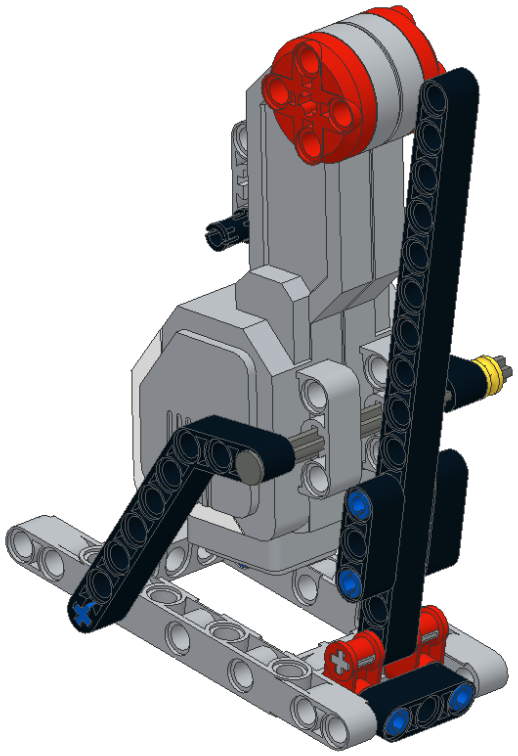

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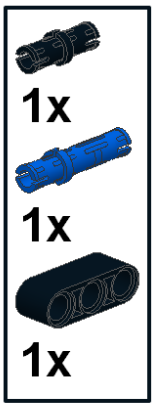

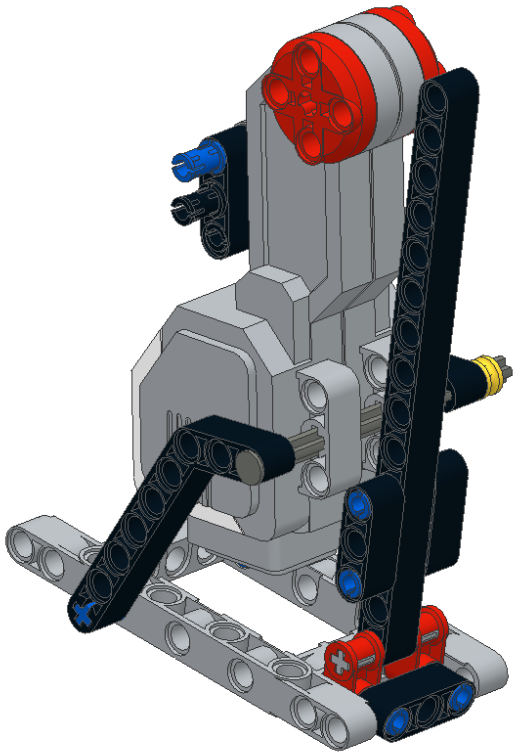

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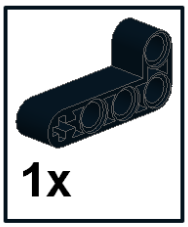

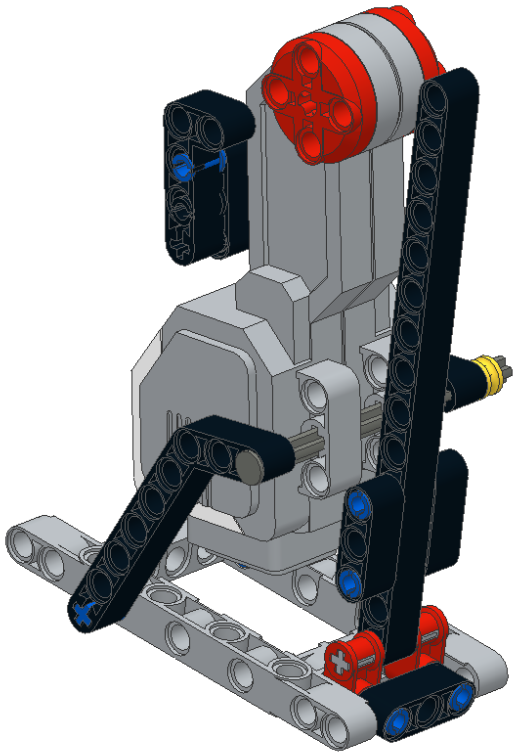

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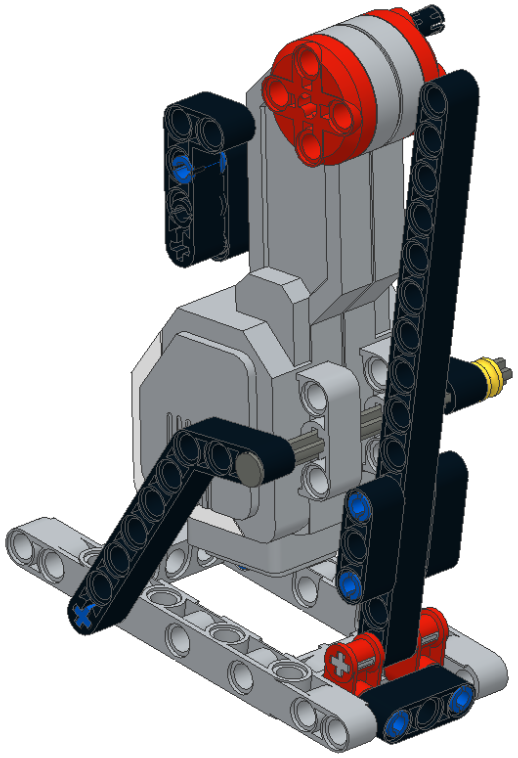

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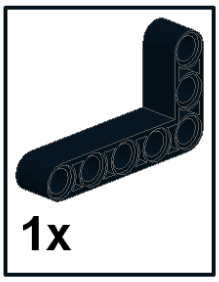

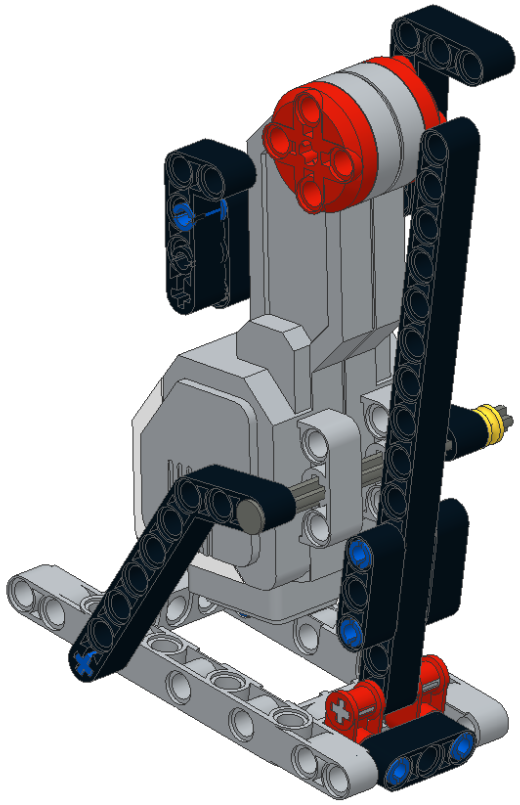

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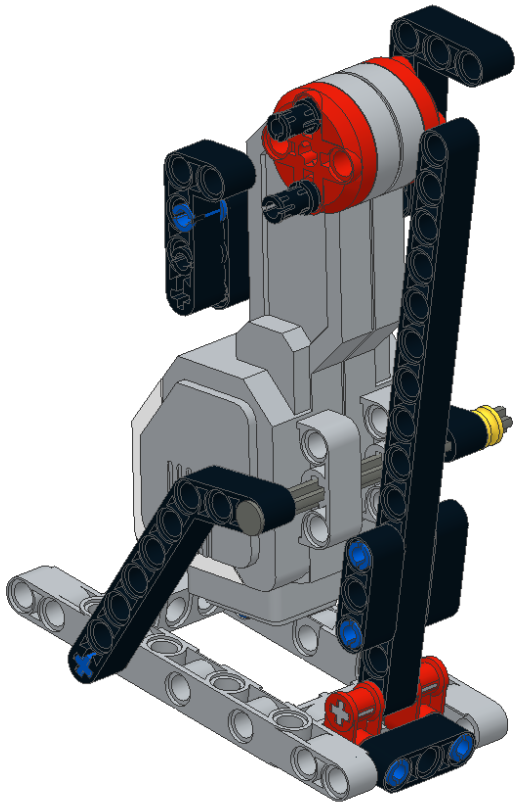

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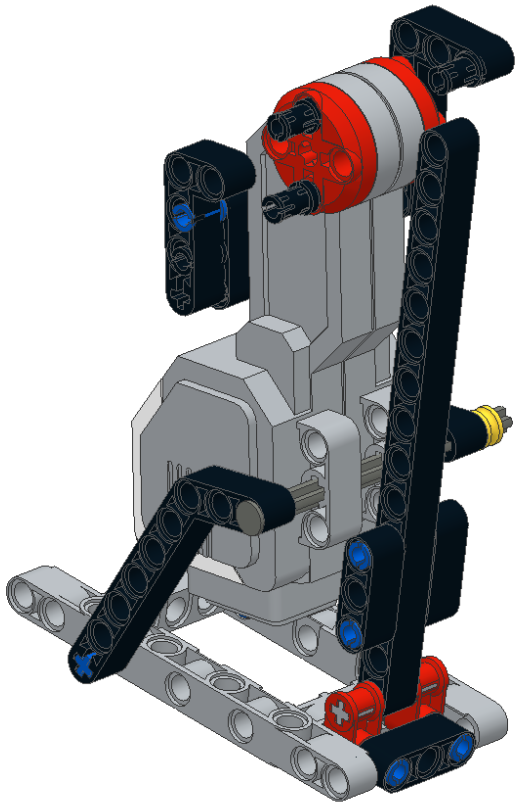

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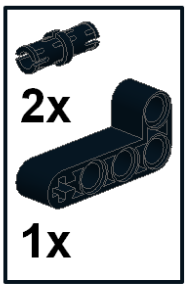

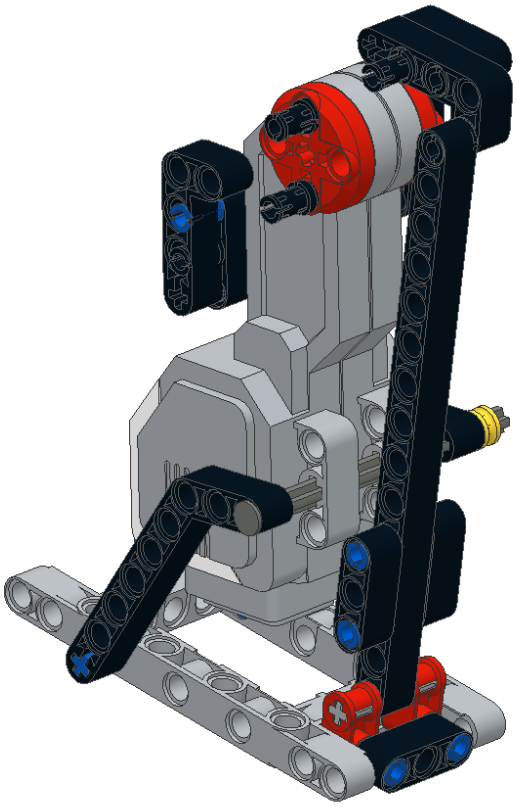

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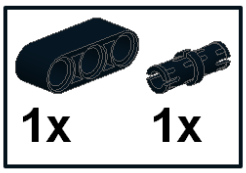

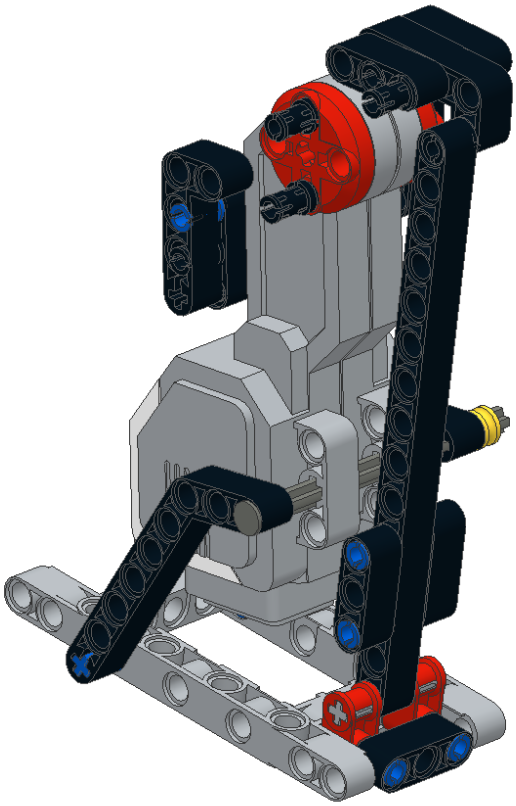

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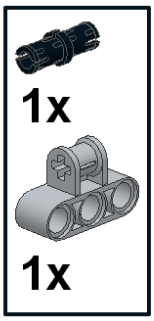

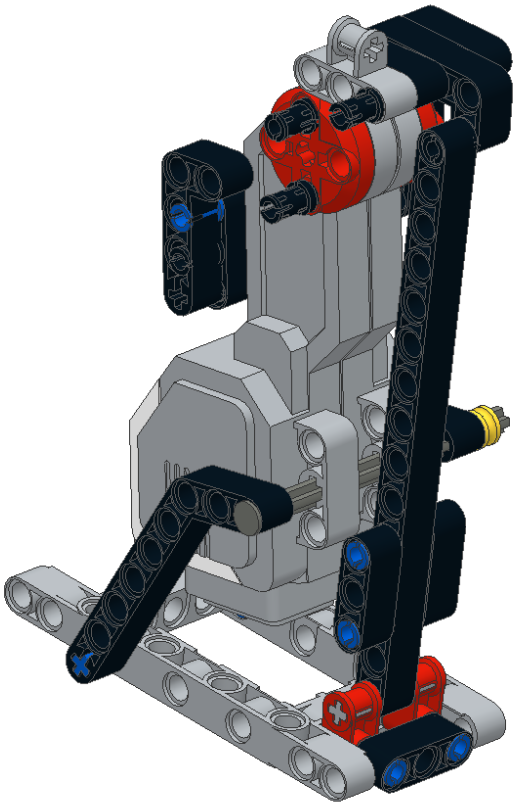

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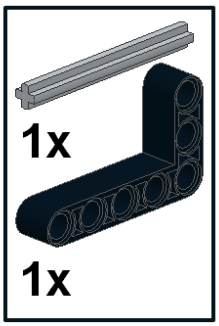

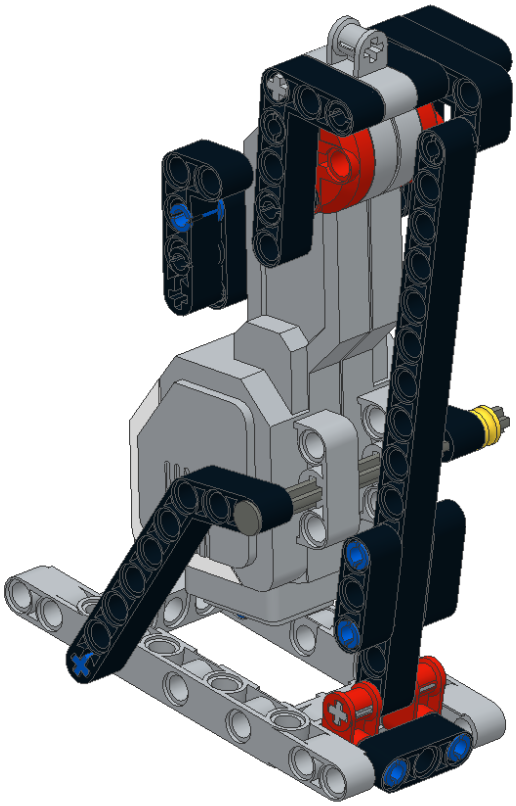

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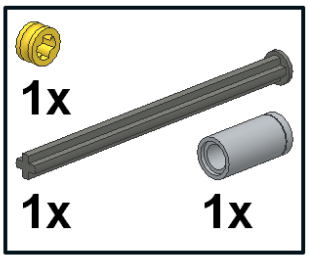
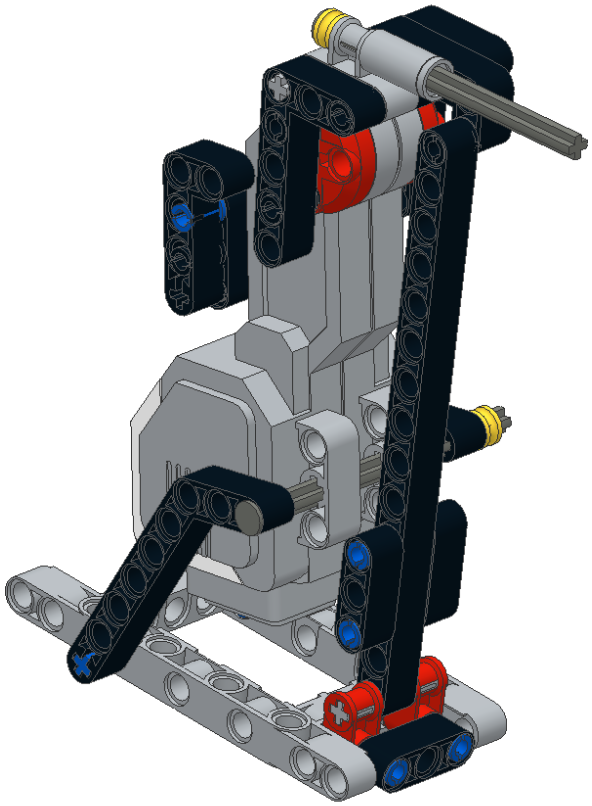
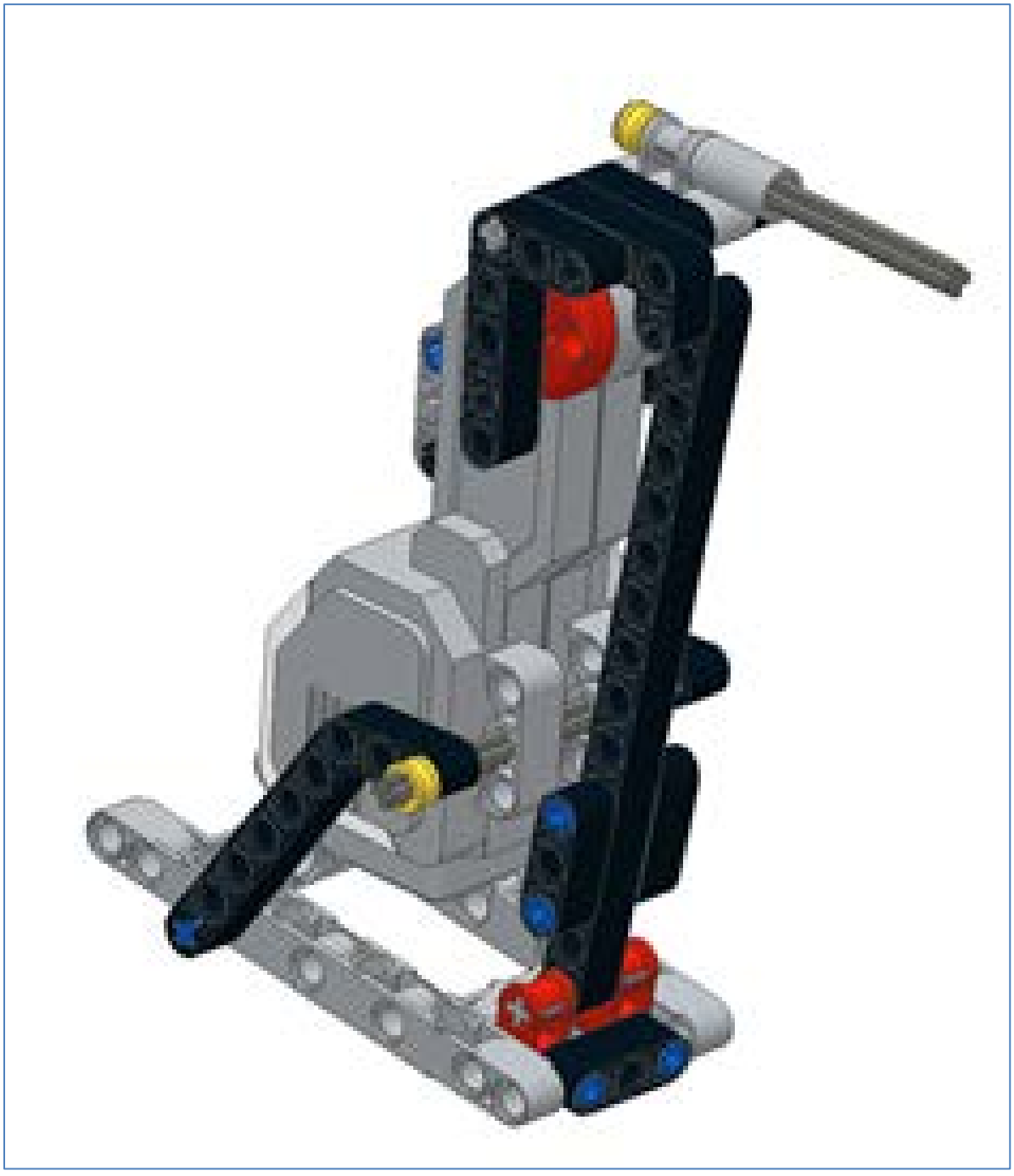




Left Leg



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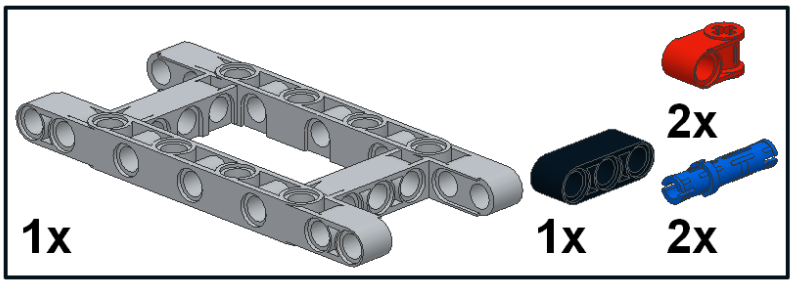

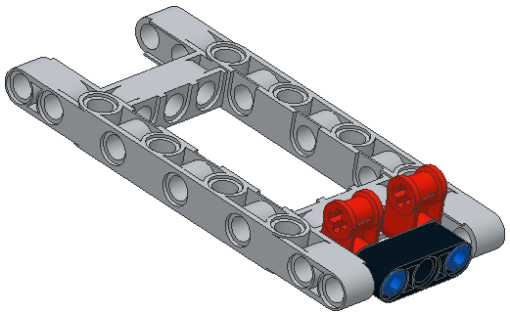

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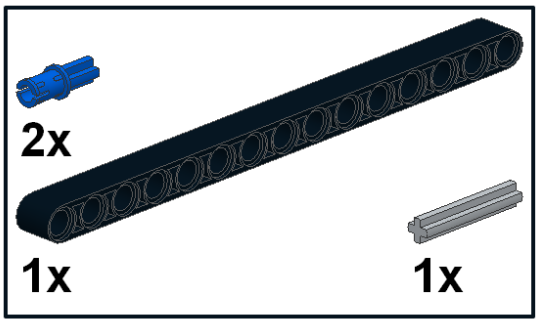

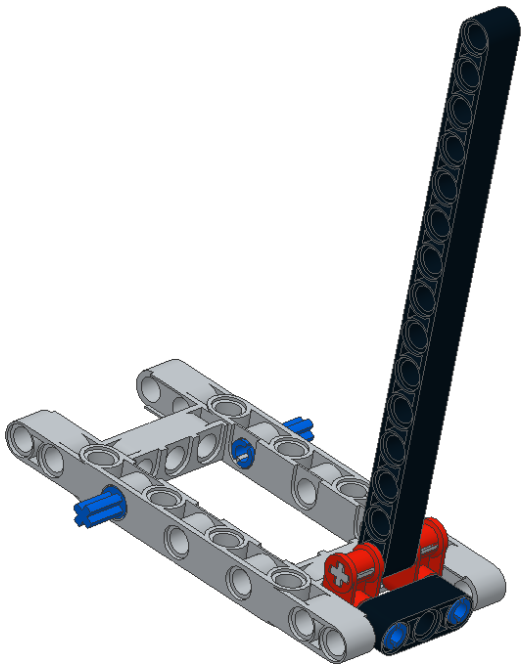

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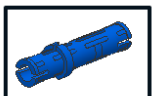

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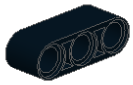

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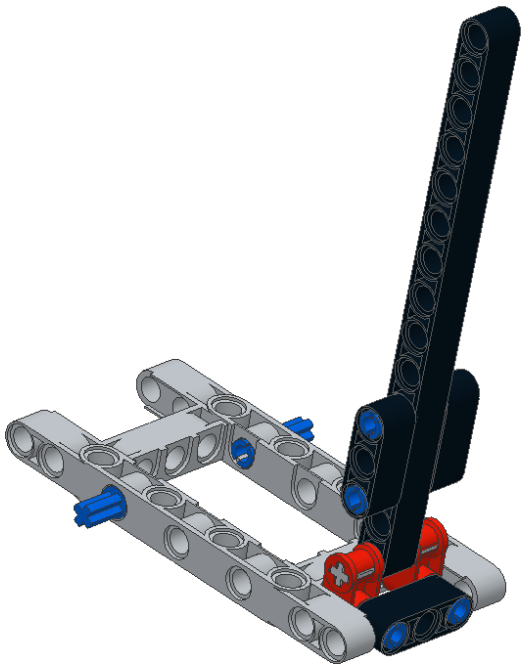

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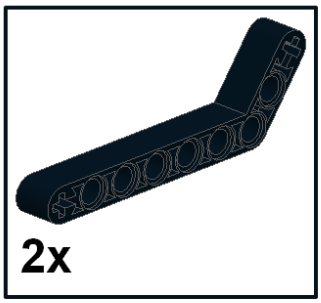

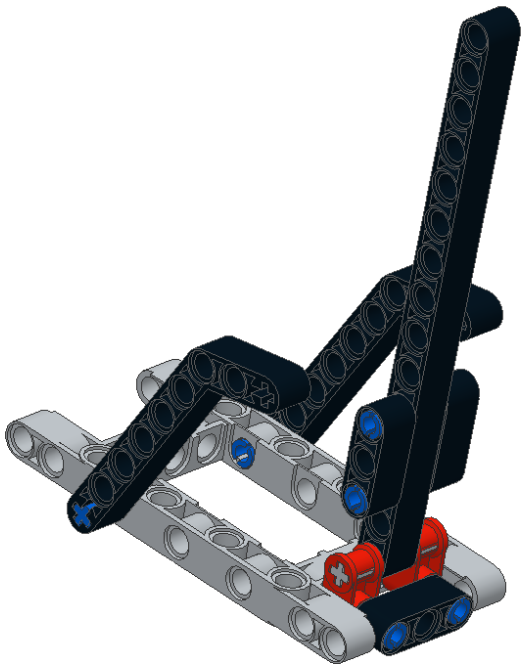

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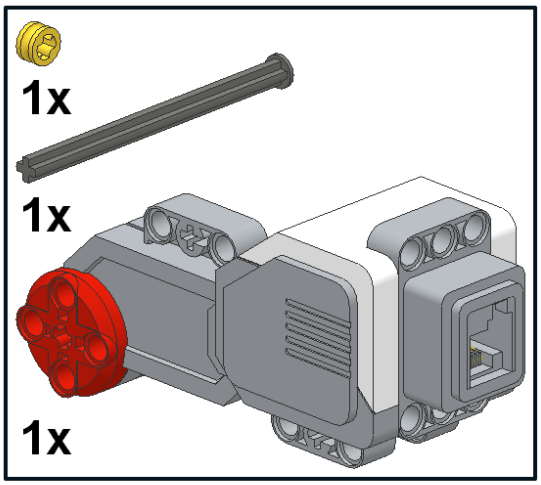

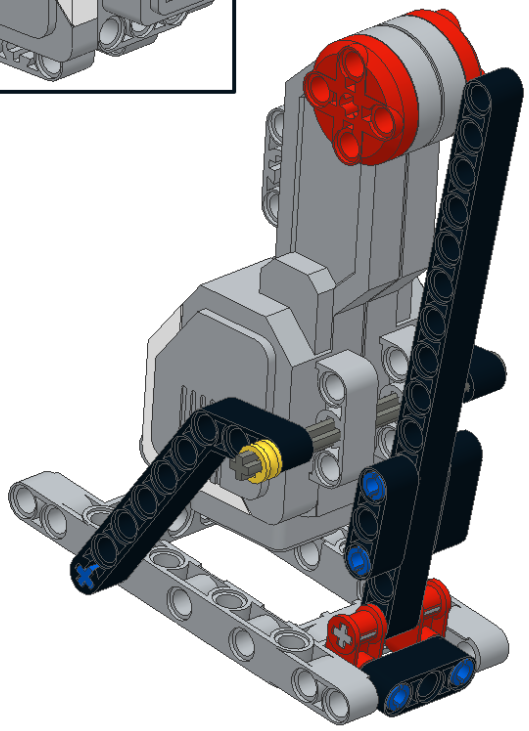

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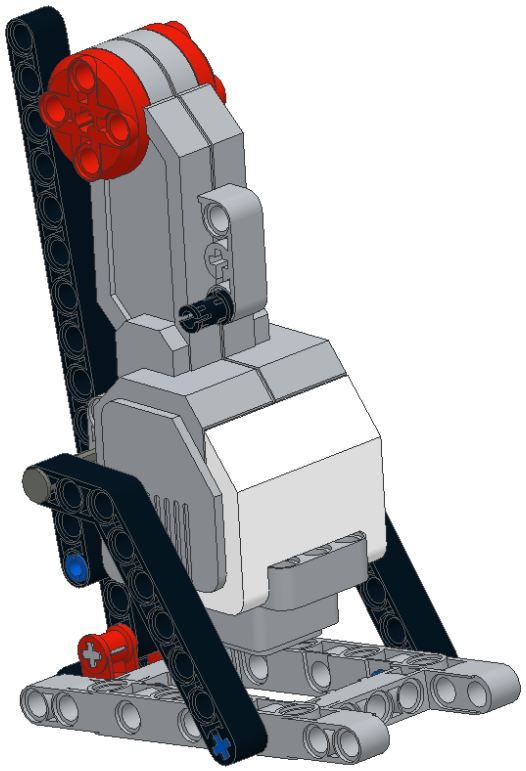

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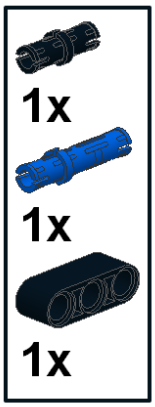

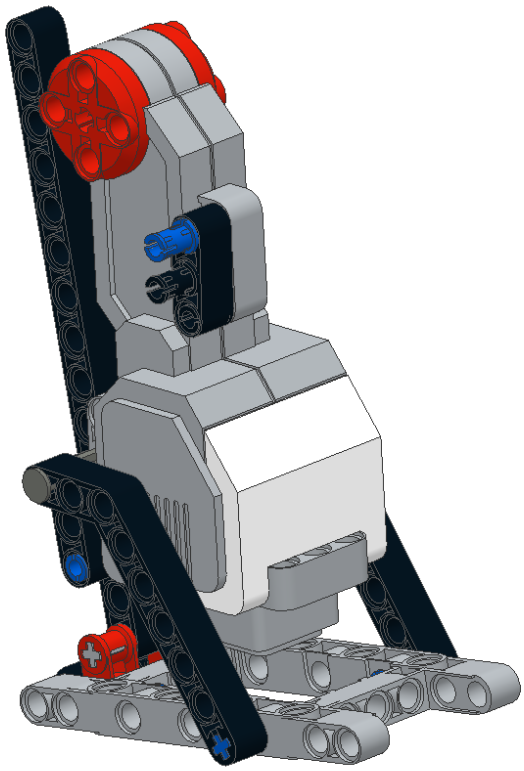

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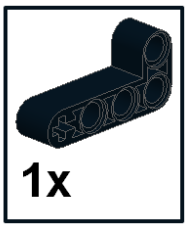

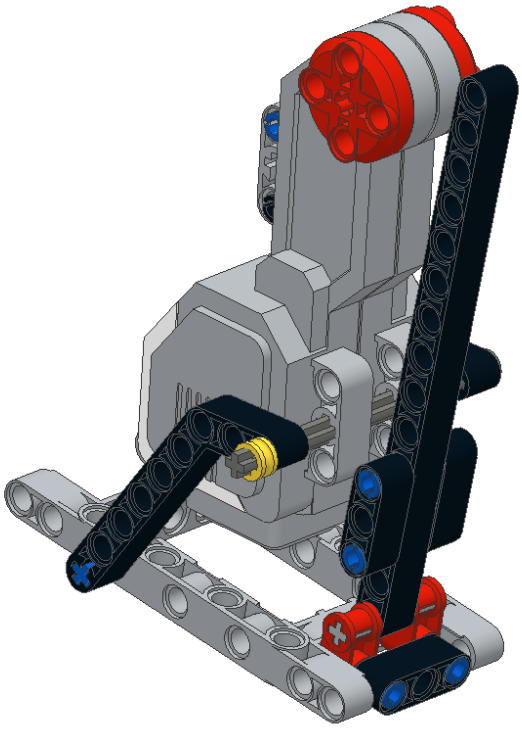

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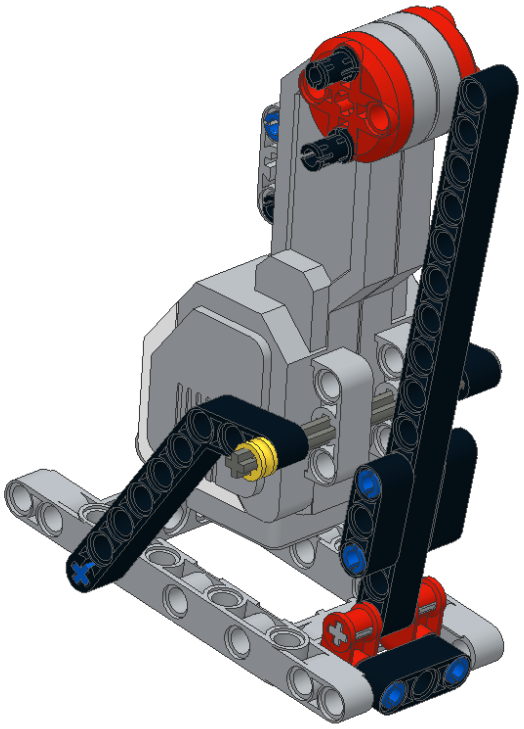

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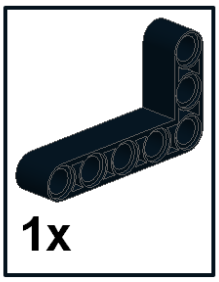

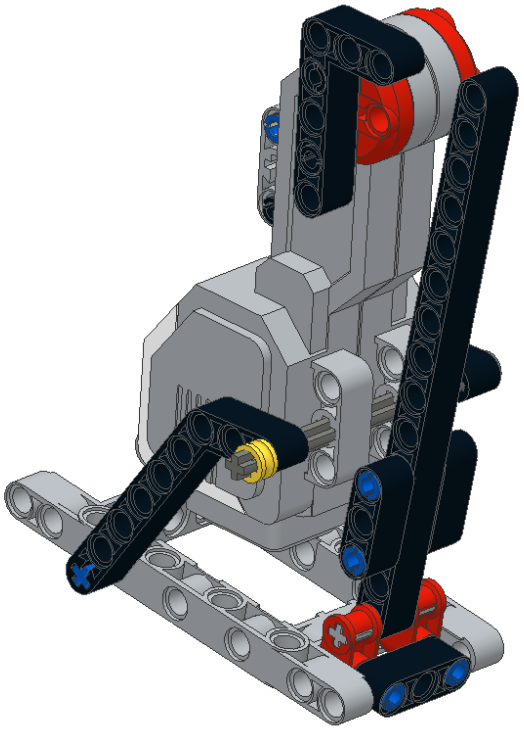

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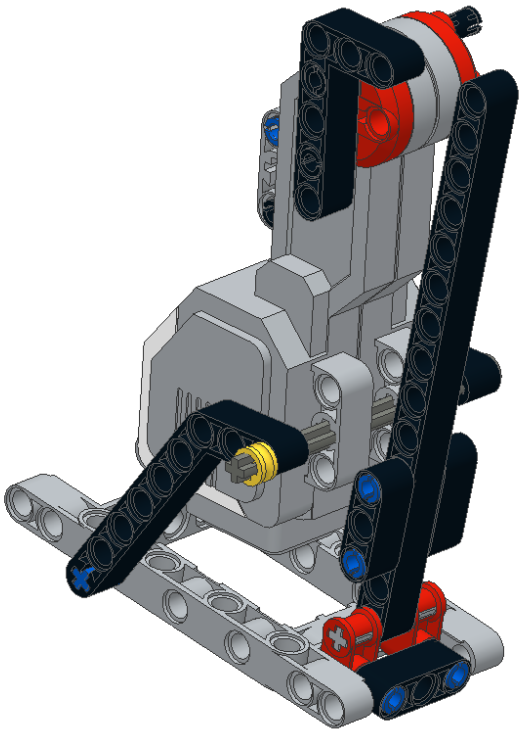

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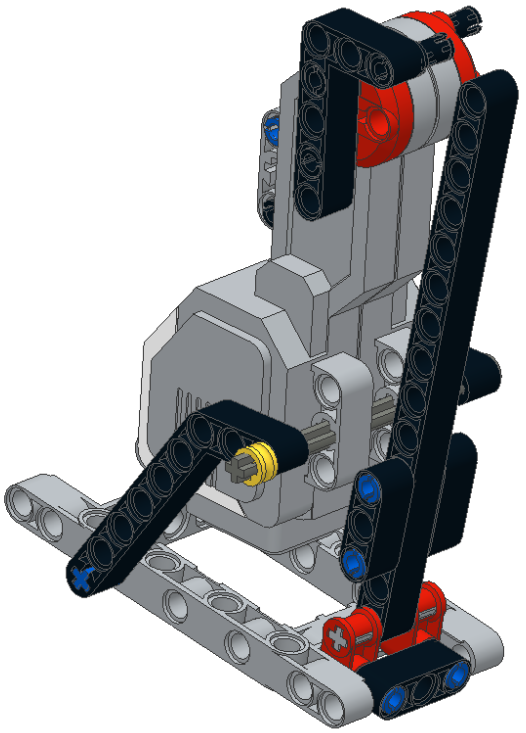

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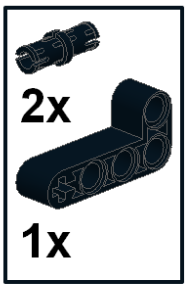

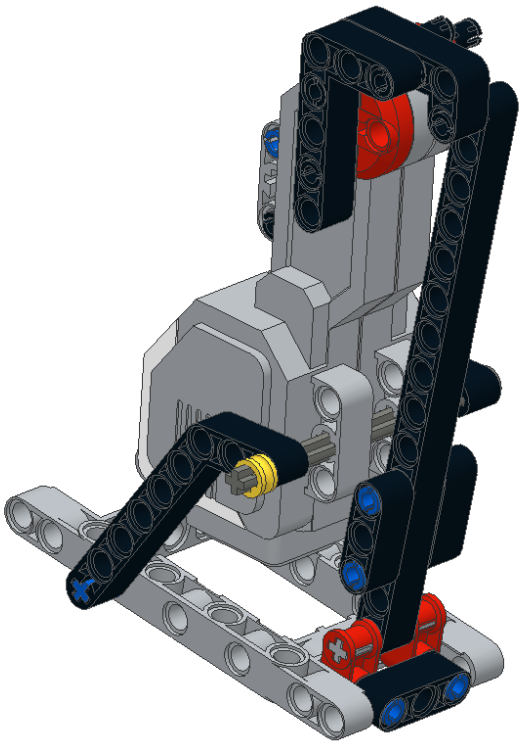

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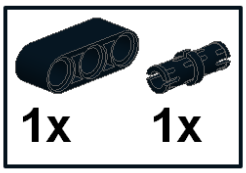

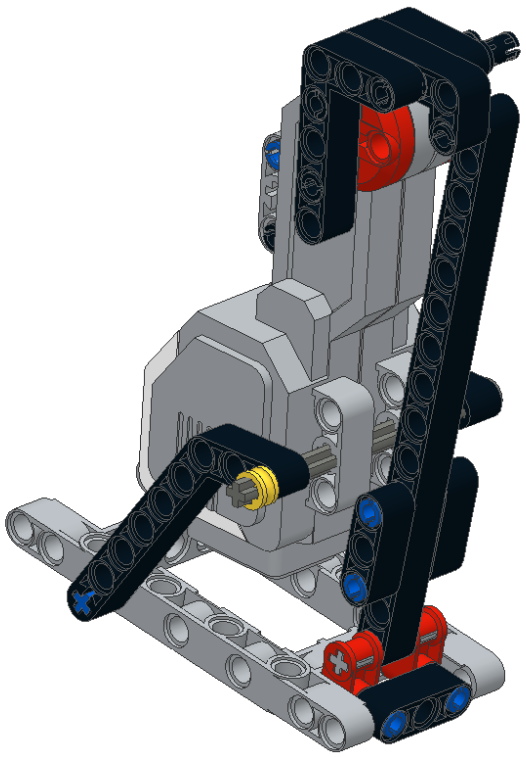

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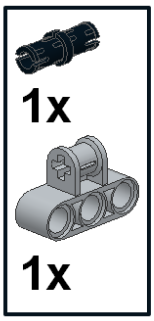

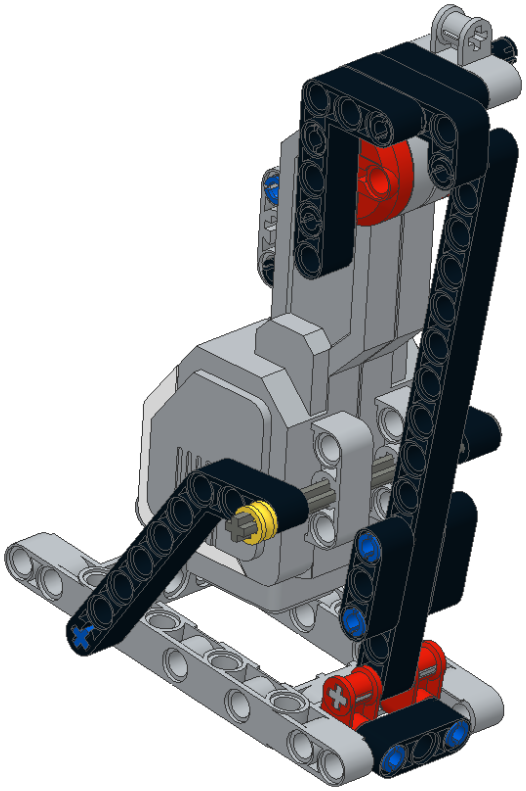

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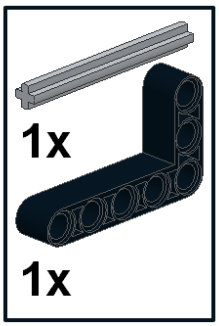

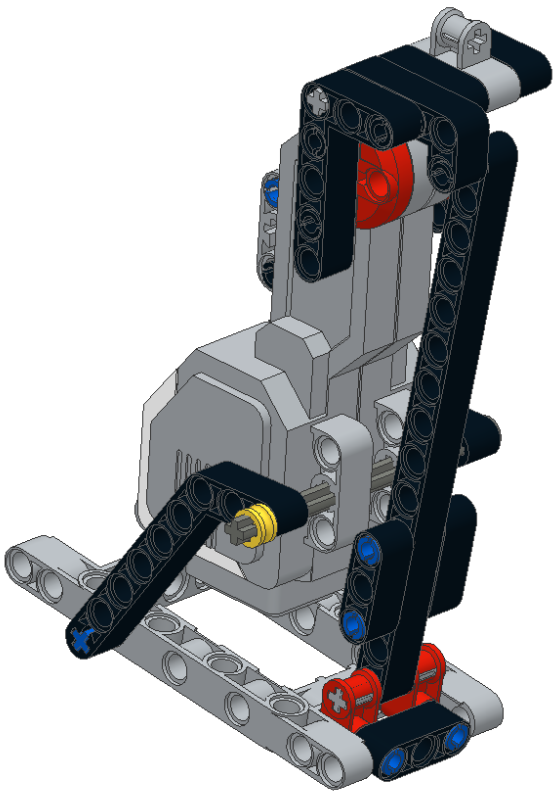

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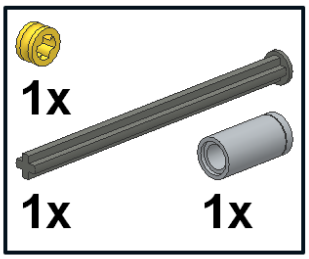

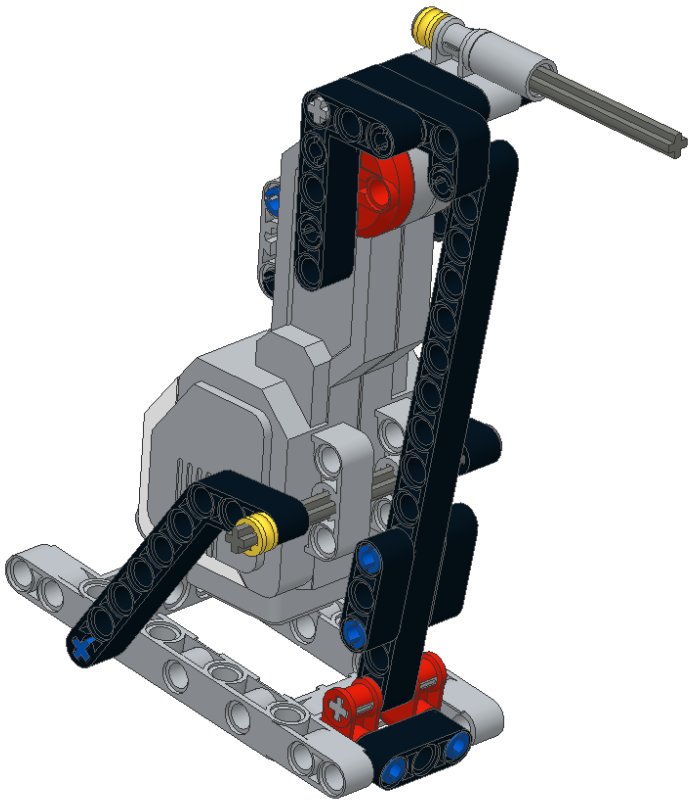

Right Arm

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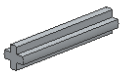

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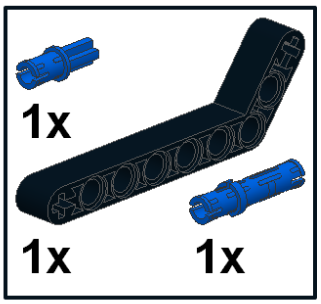

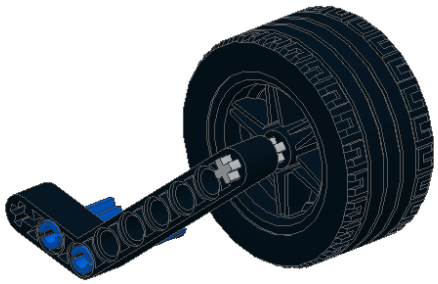

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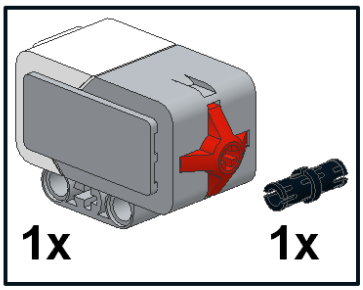

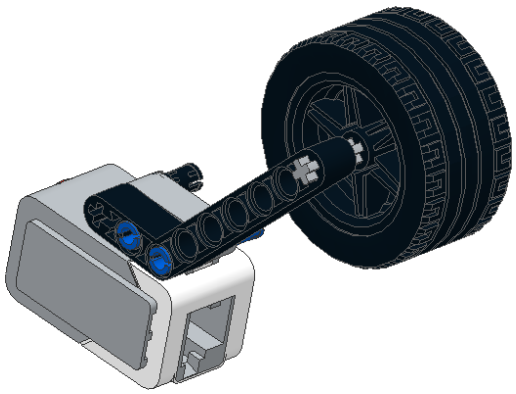

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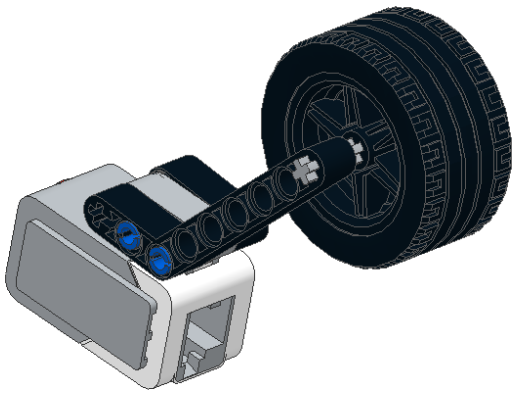

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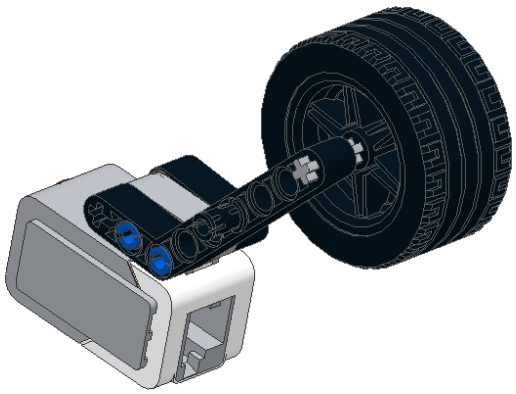

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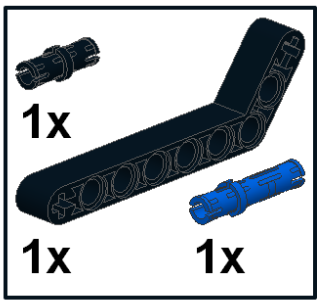

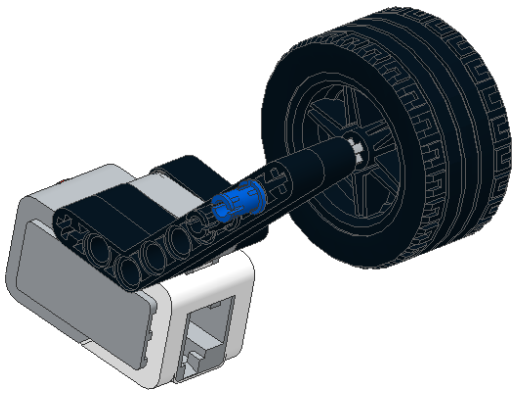

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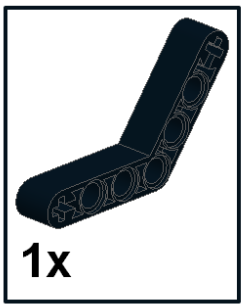

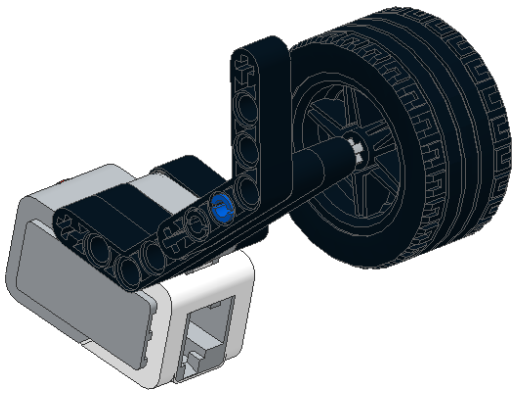

Left Arm

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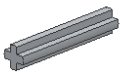

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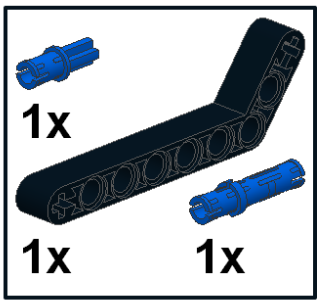

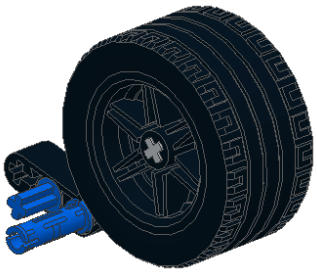

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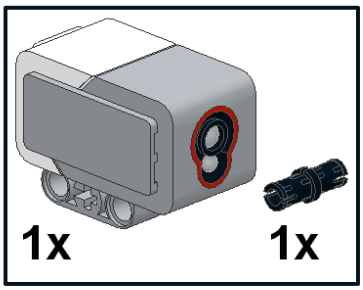

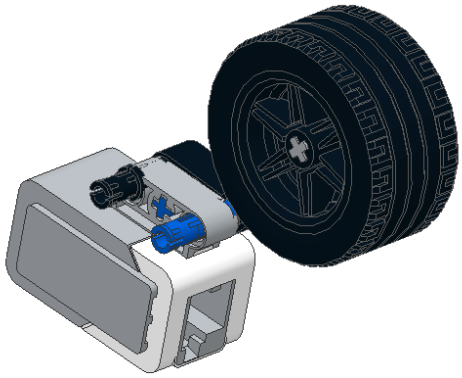

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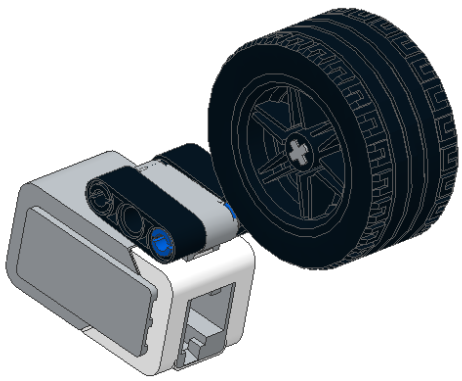

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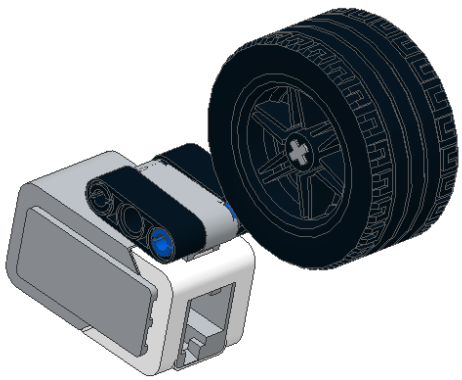

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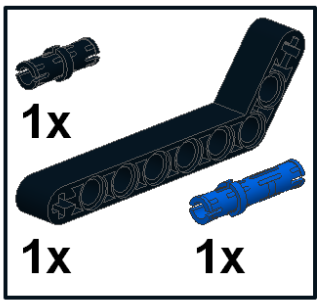

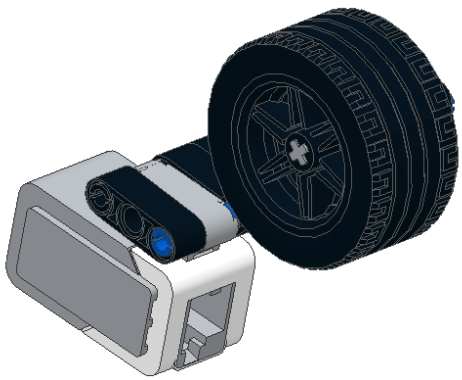

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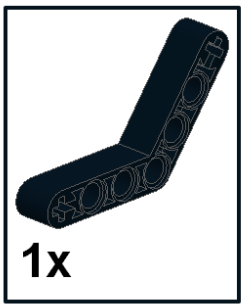

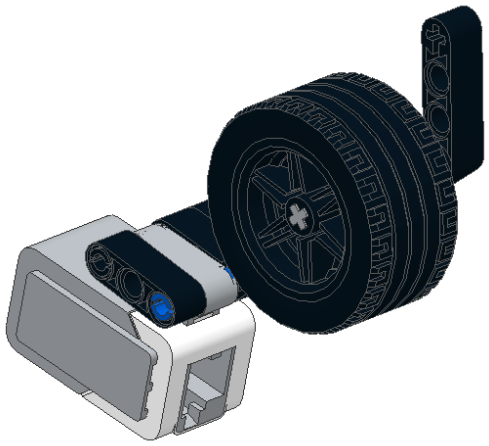

Arm Motor

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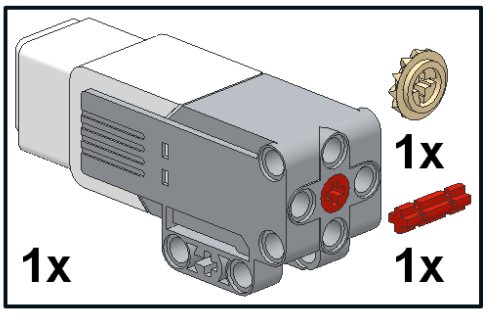

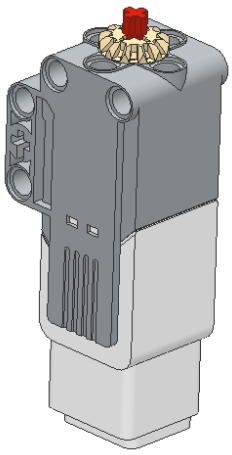

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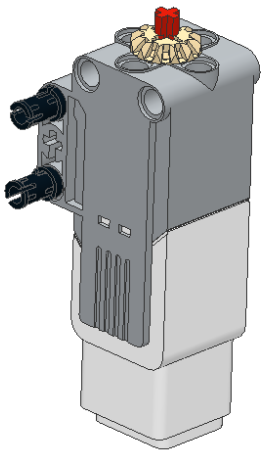

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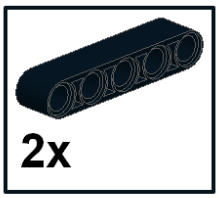

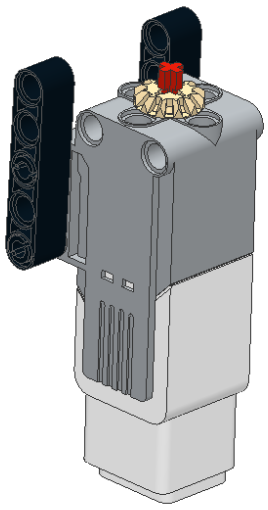

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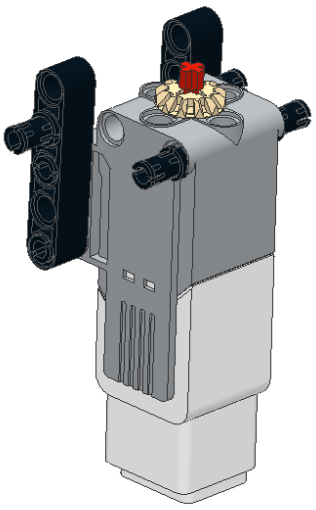

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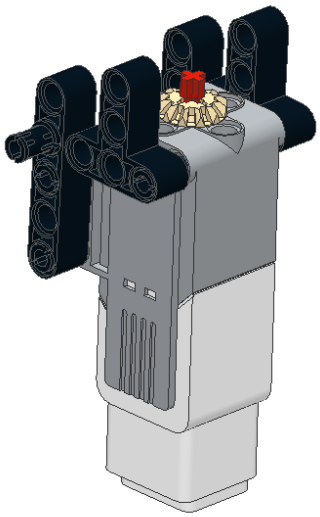

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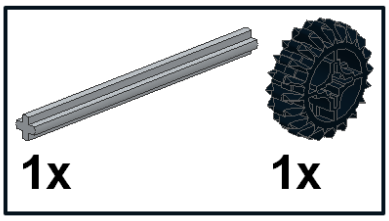

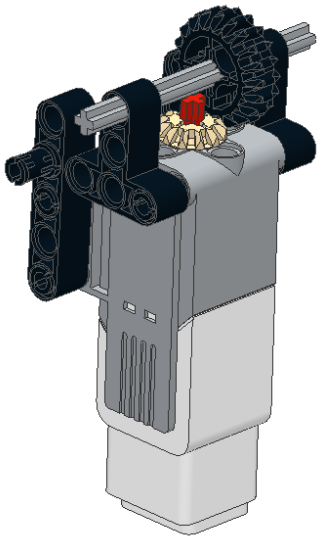

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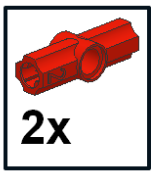
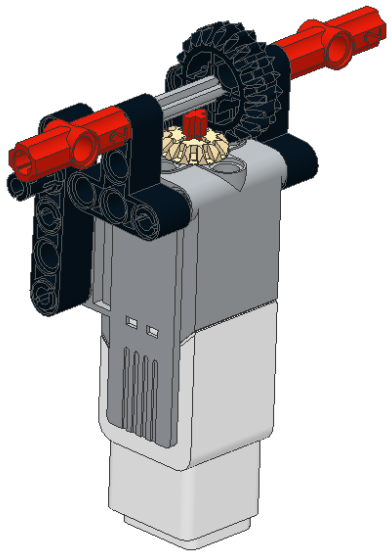
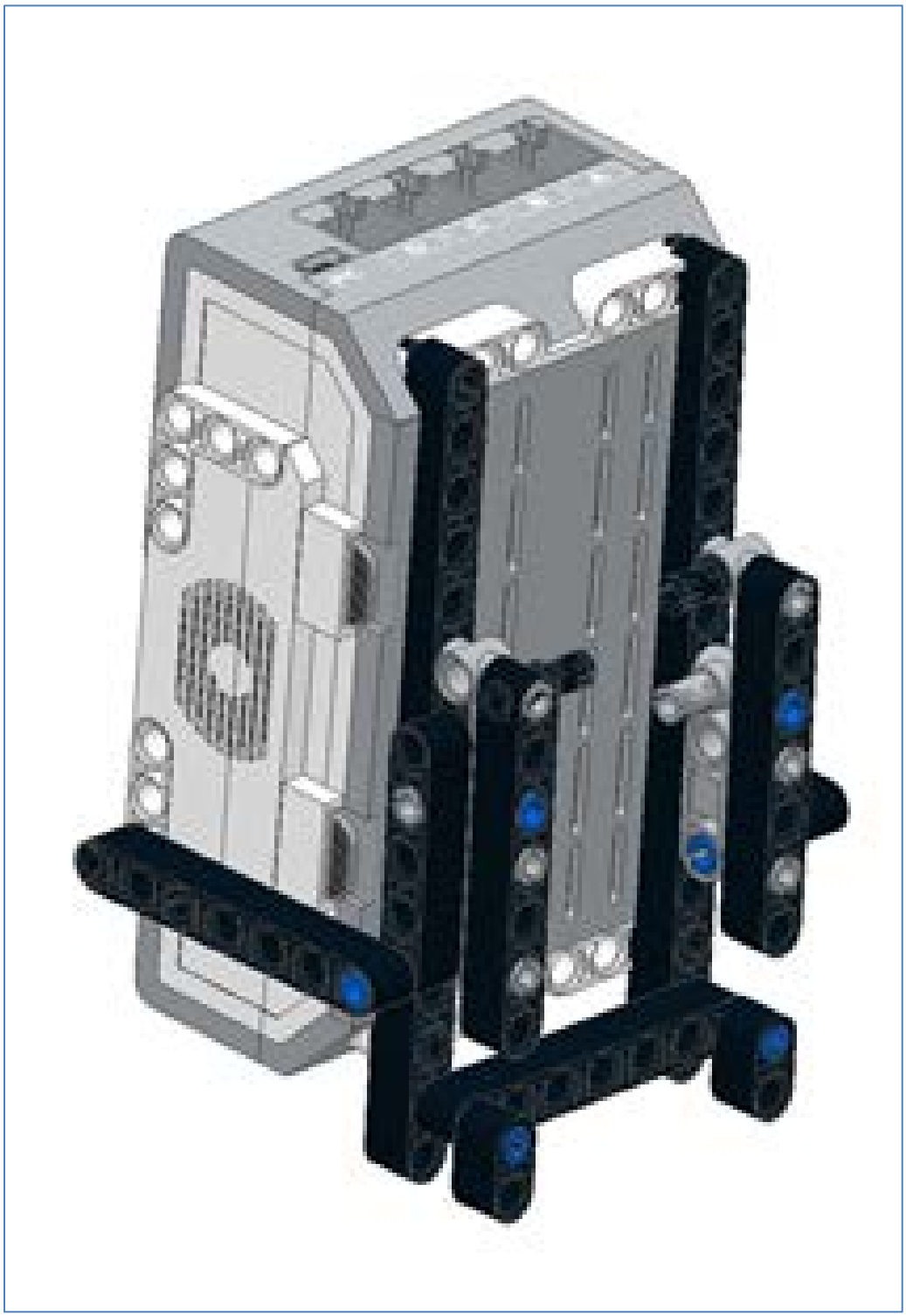




Robot Head



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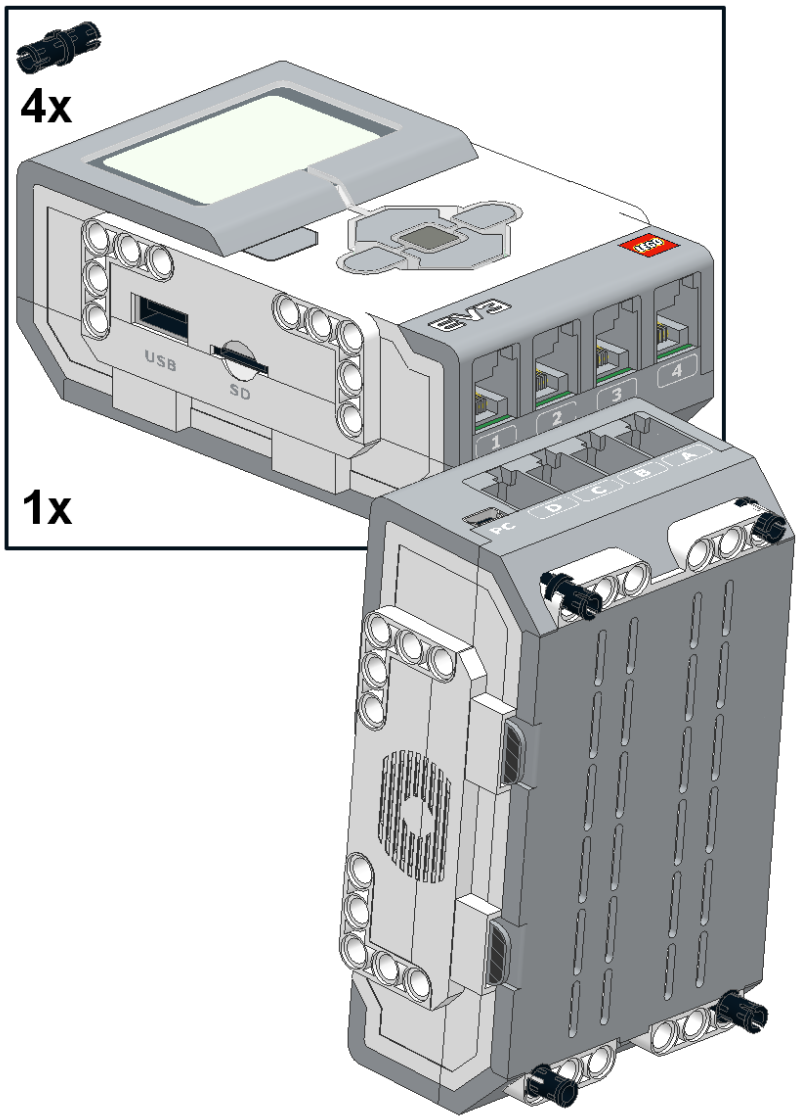

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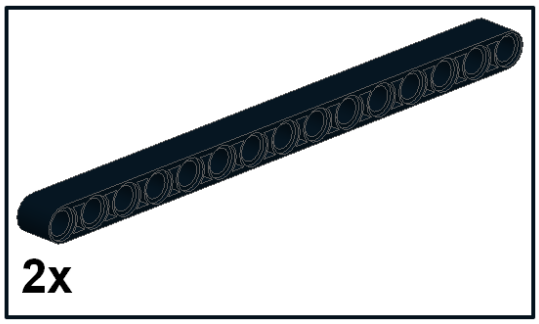

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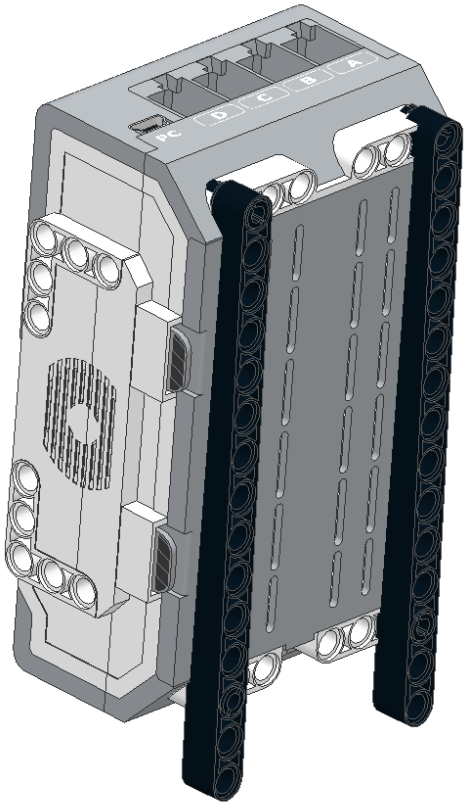

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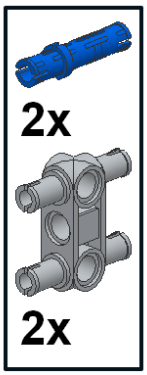

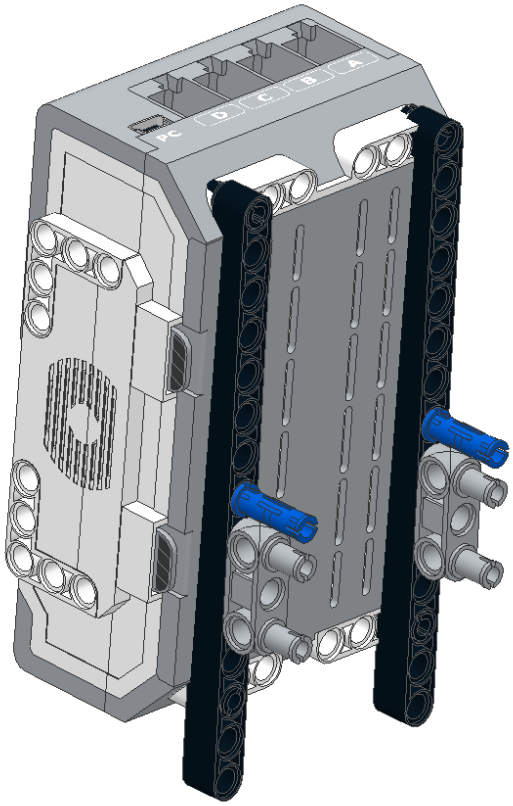

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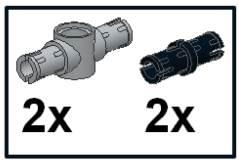

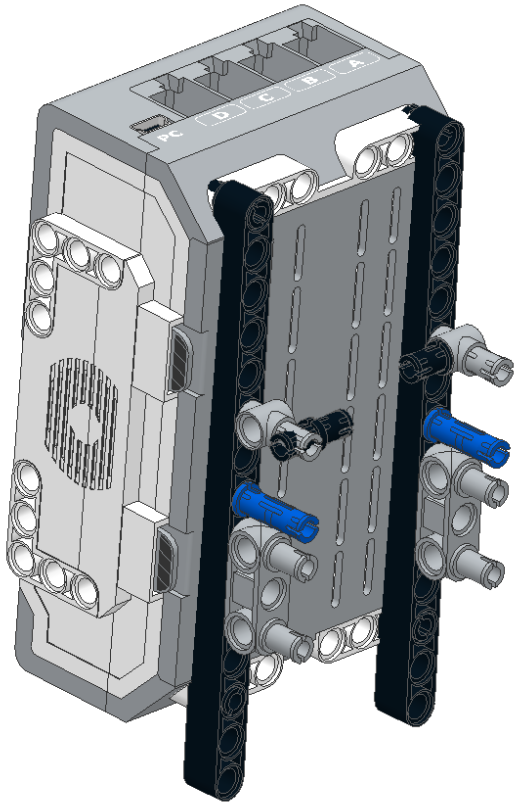

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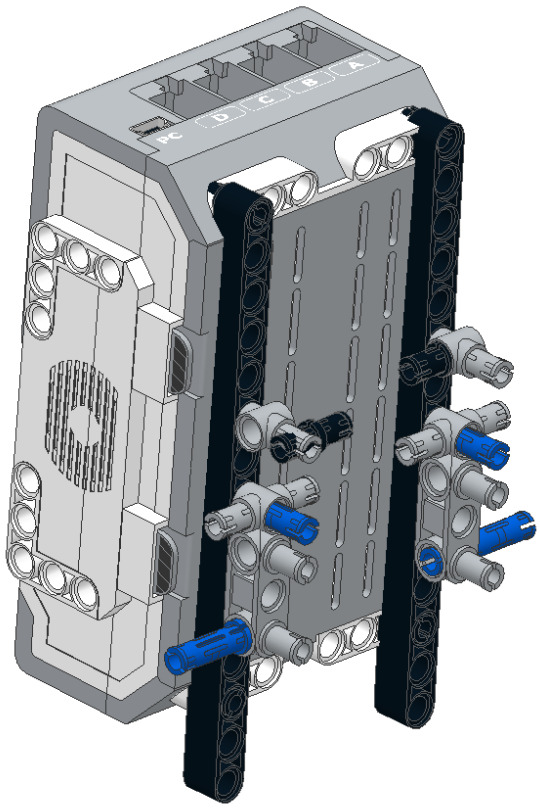

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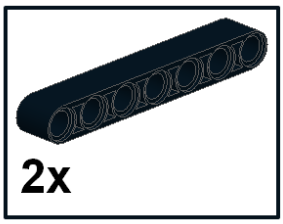

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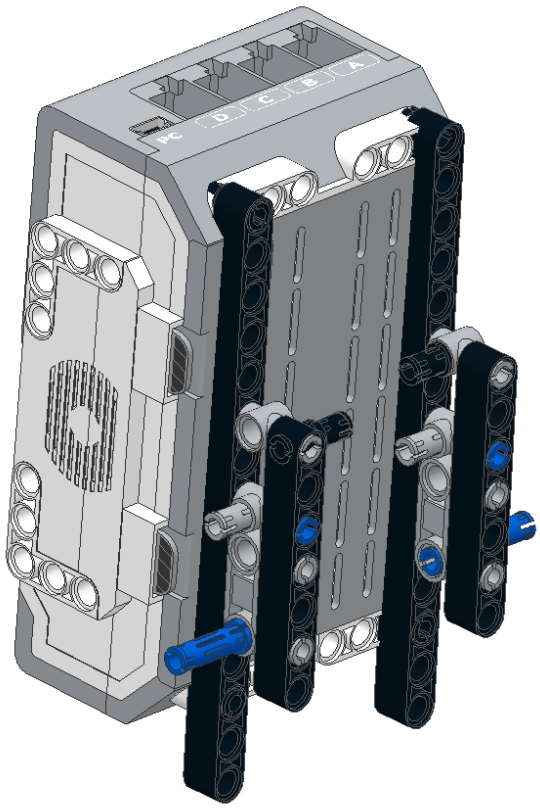

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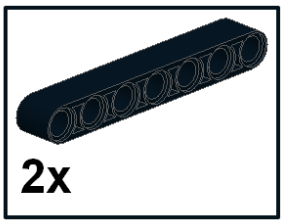

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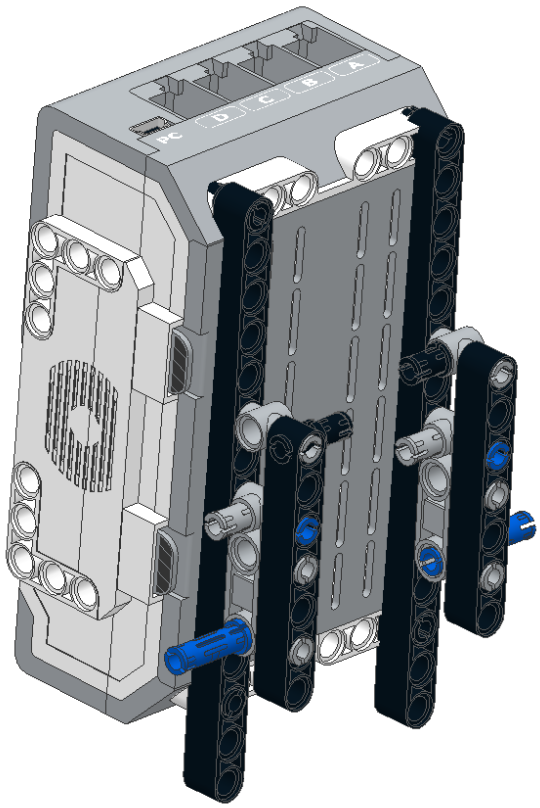

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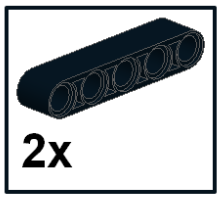

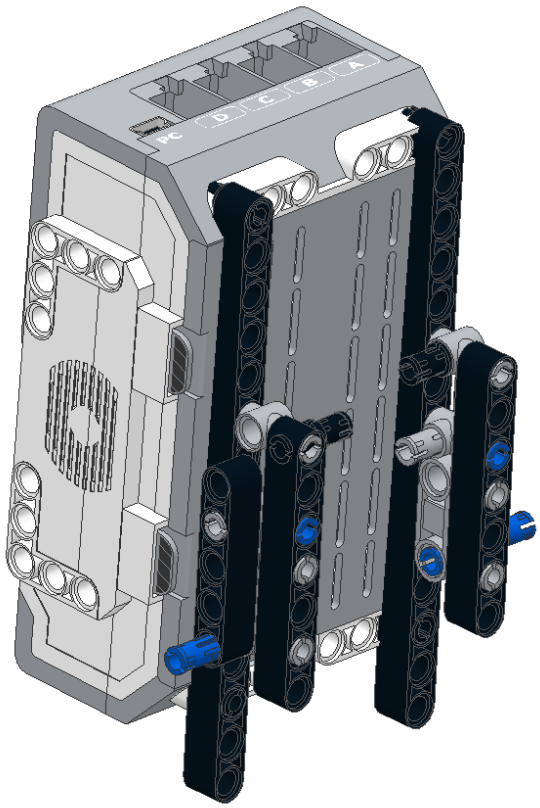

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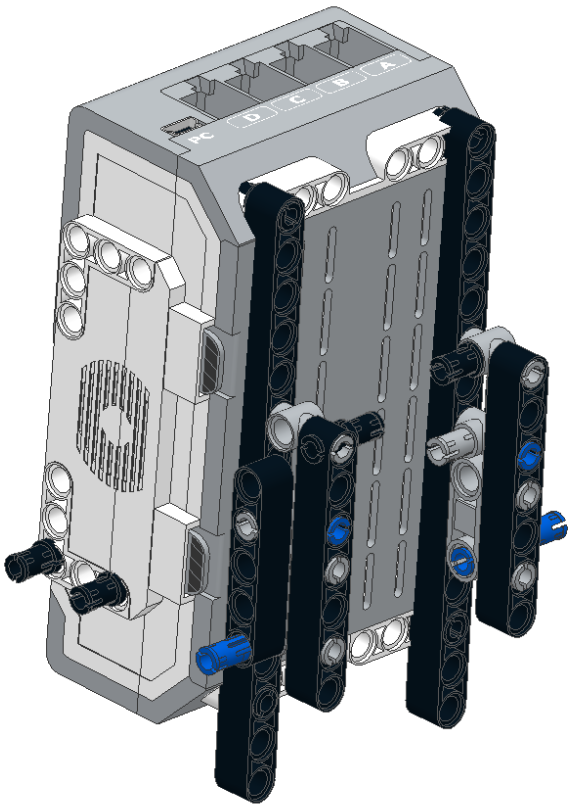

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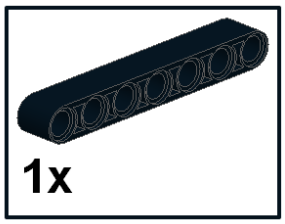

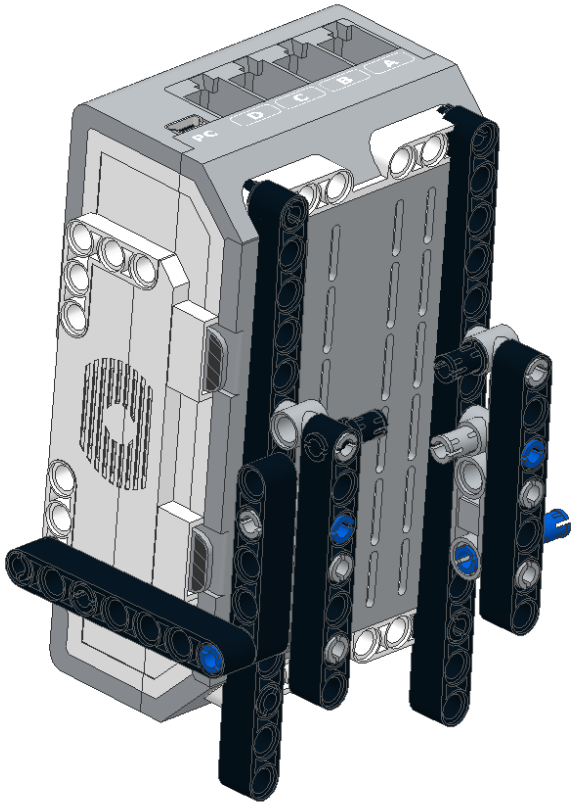

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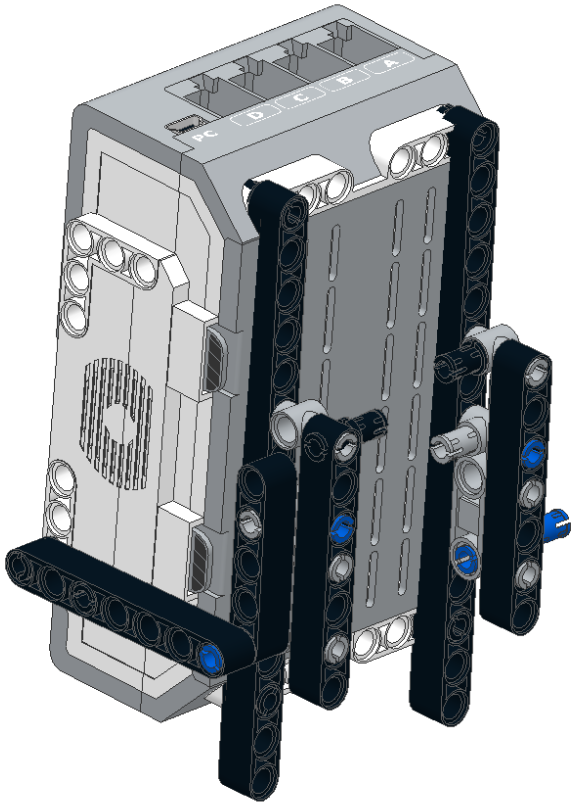

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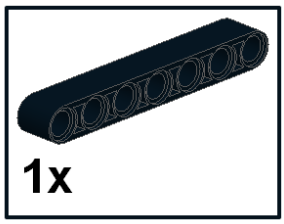

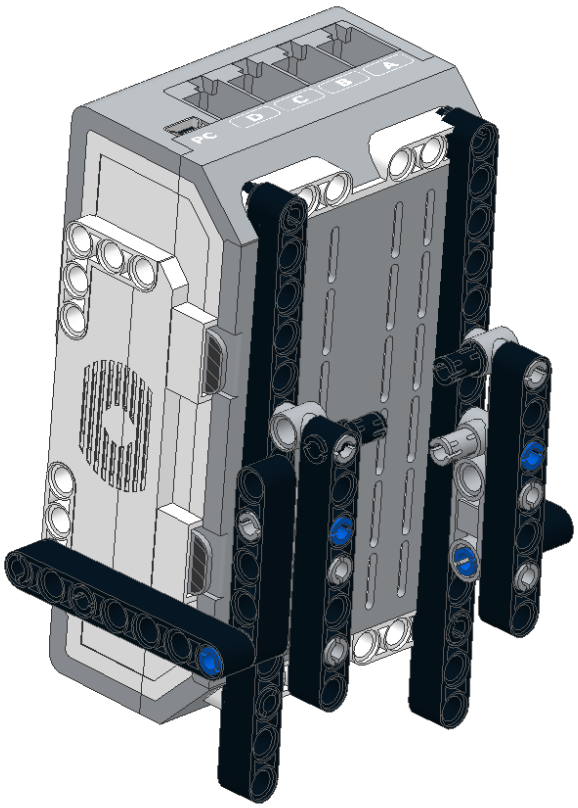

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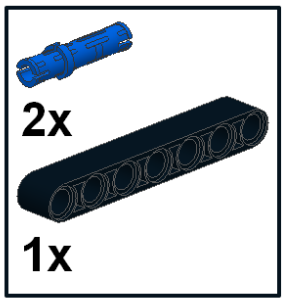

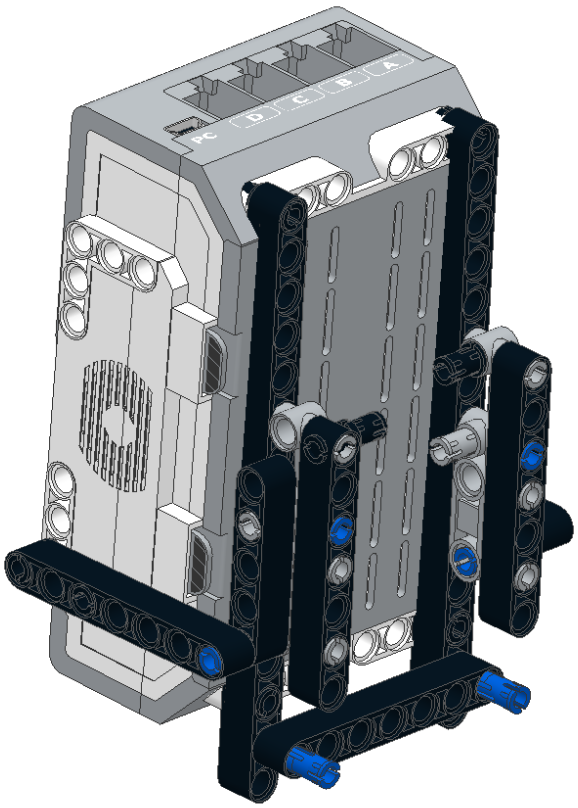

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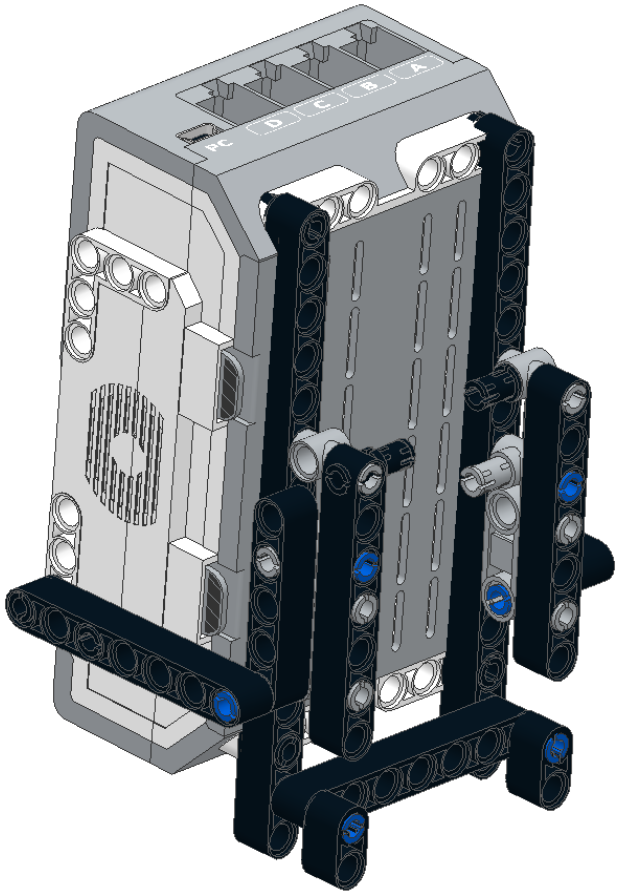
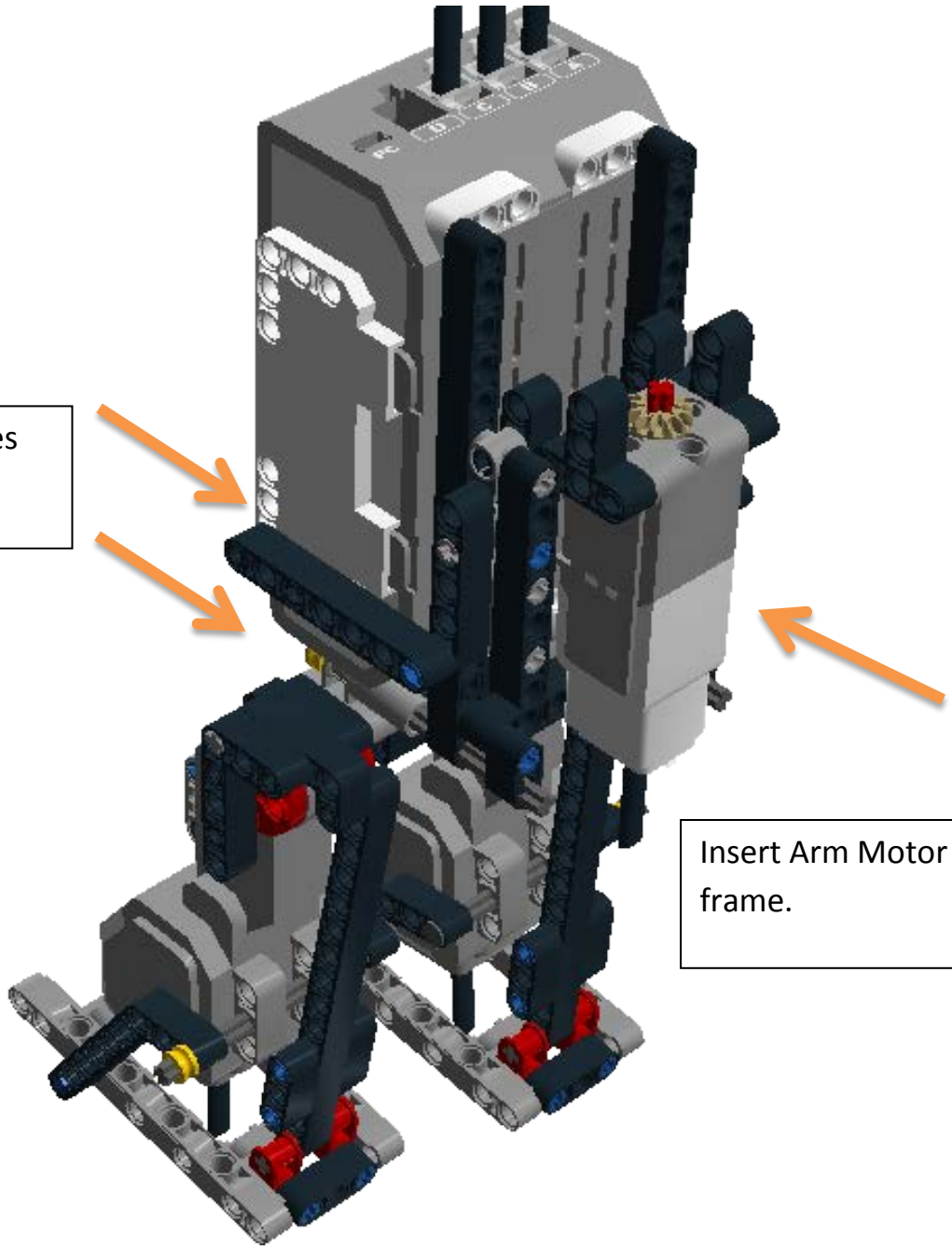
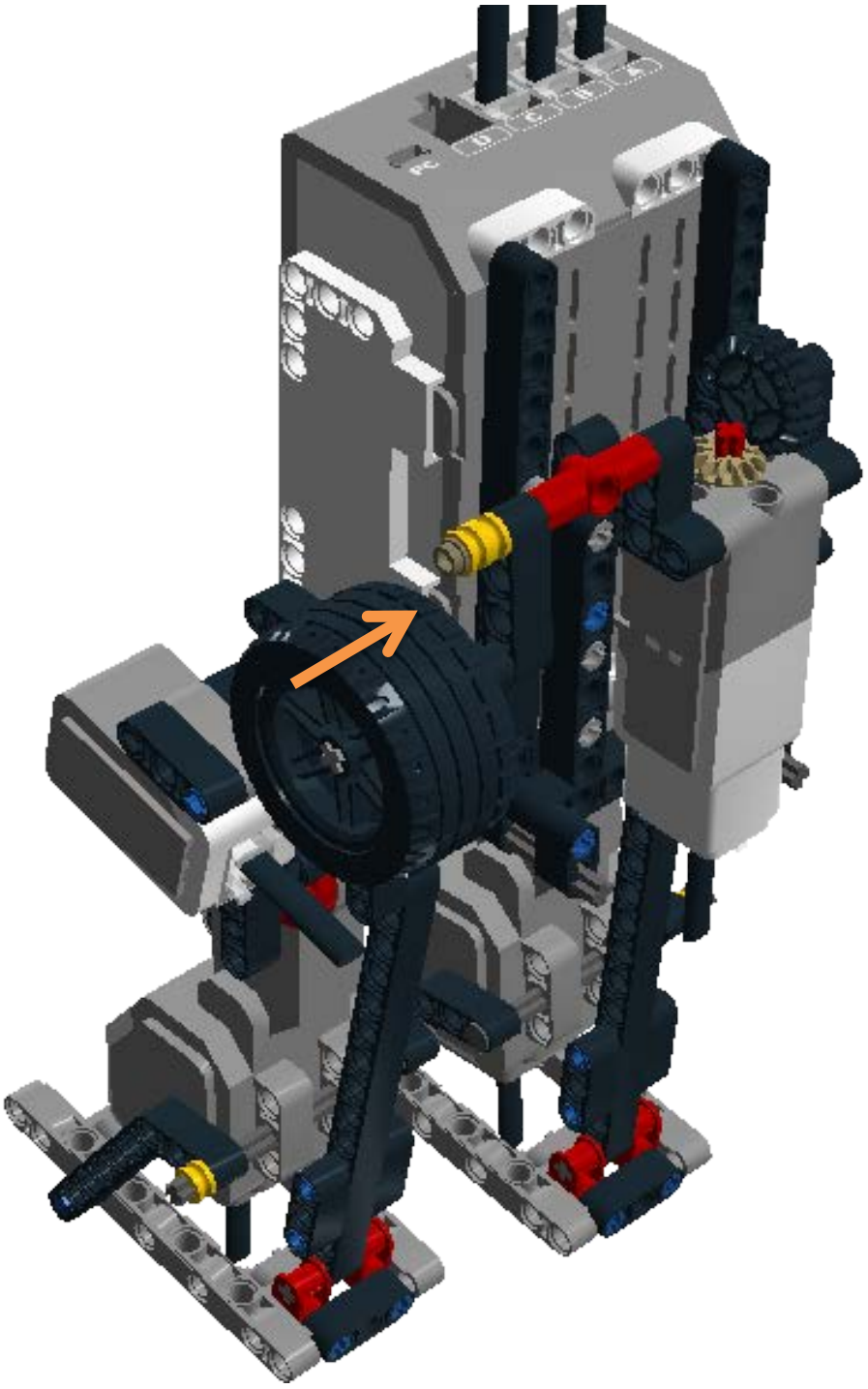


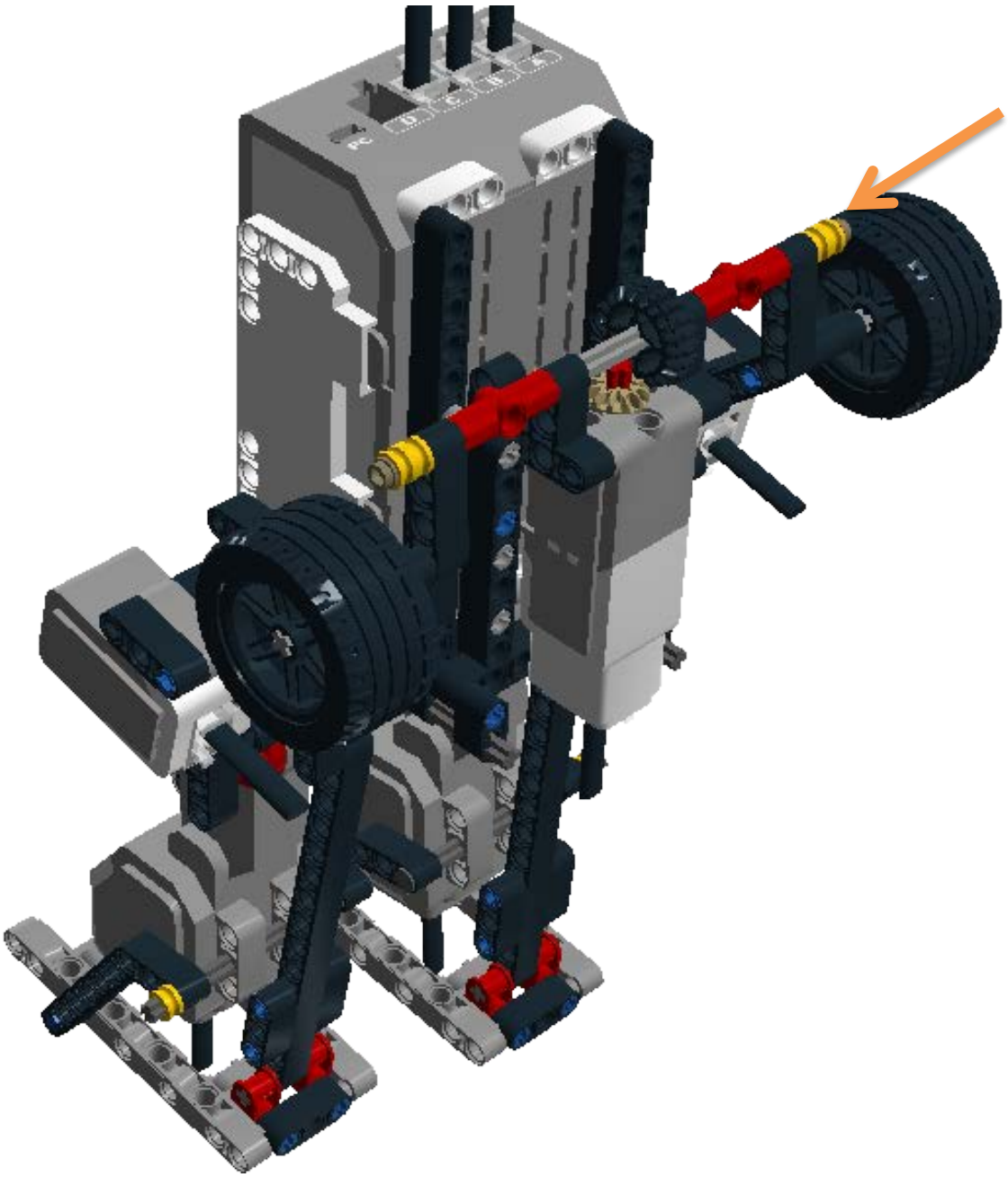
Final Steps

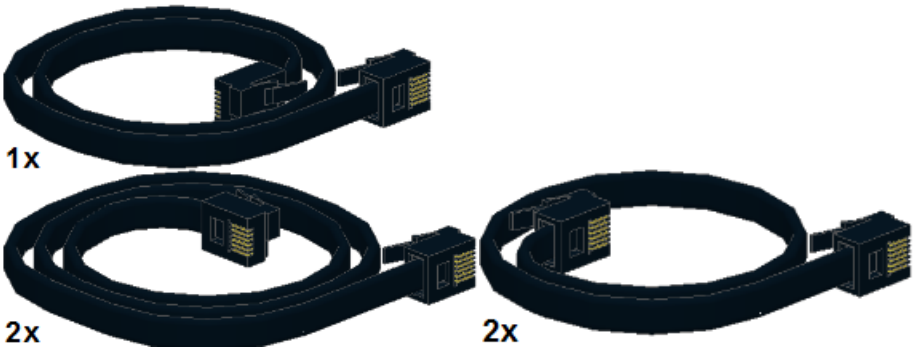
Slide leg pins through holes to connect to the frame.



Insert Arm Motor onto frame.







Connect Wires:

25cm Wire from EV3 Color Sensor --> EV3 Brick Port 2

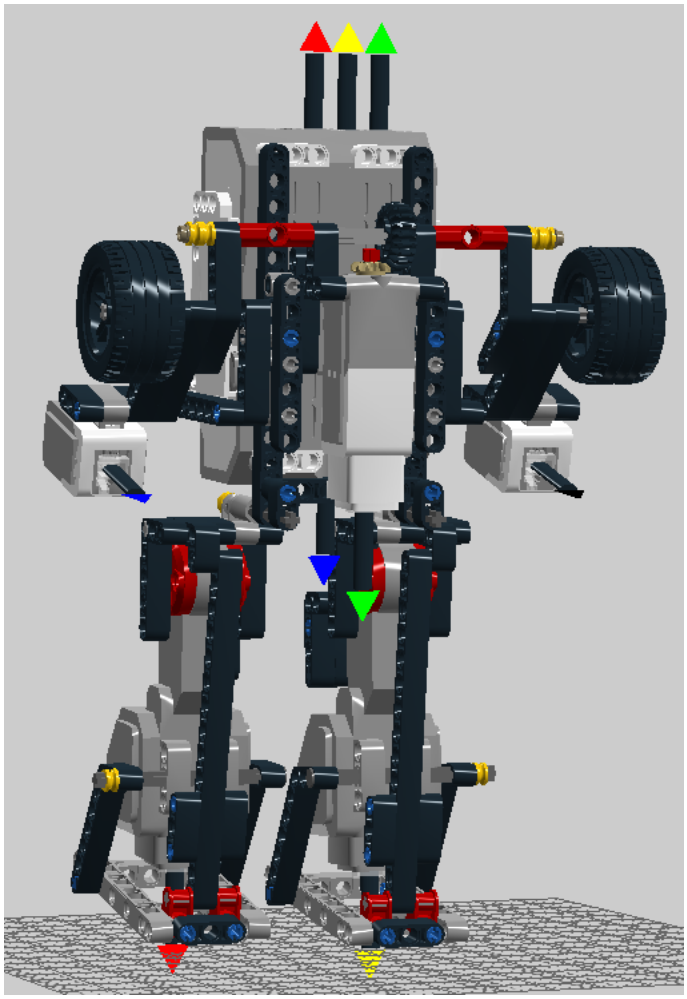
25cm Wire from EV3 Touch Sensor → EV3 Brick Port 1

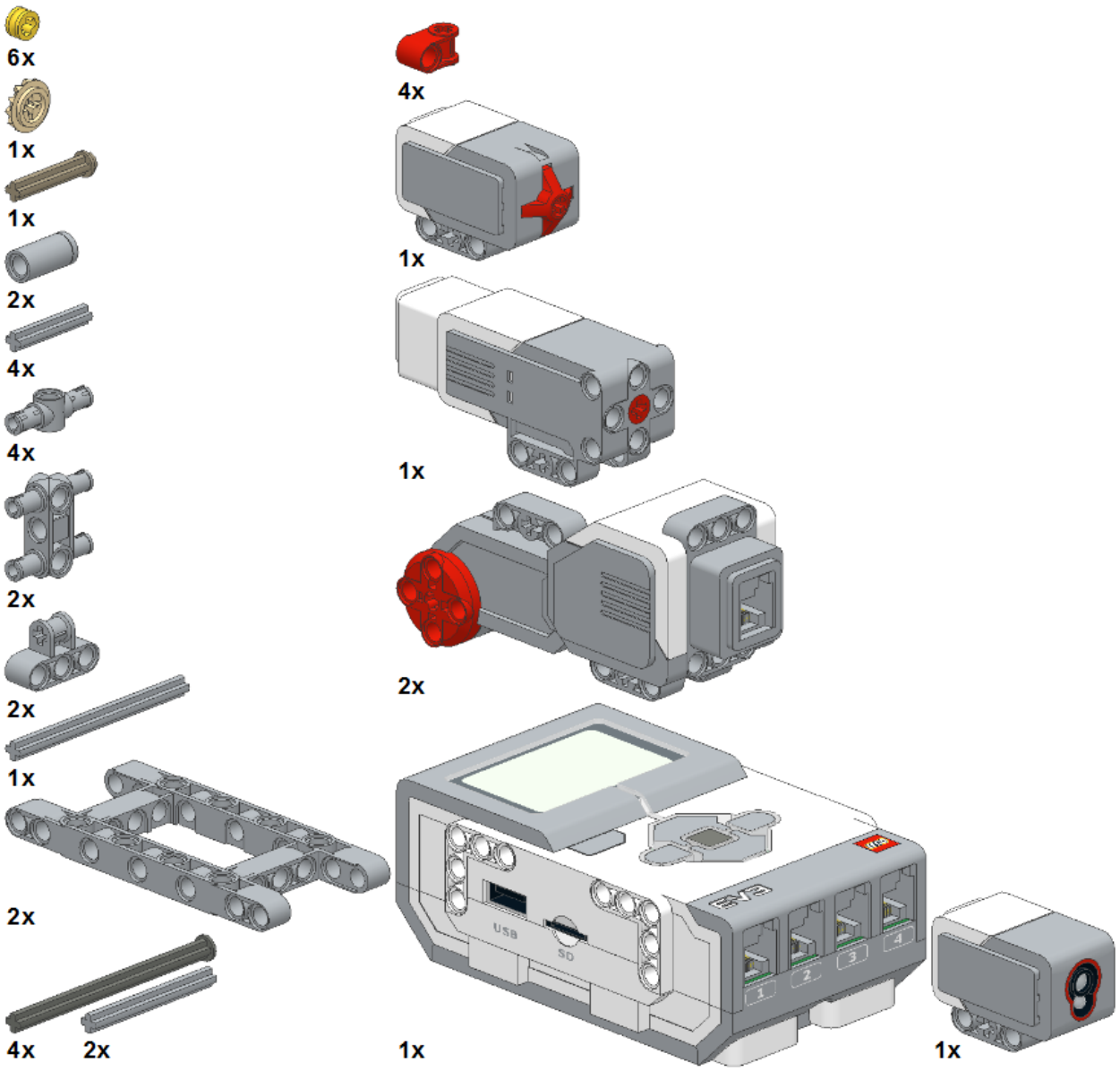
35cm Wire from Medium Motor → EV3 Brick Port A (Route behind medium motor)

50cm Wire from Left Leg large motor → EV3 Brick Port C

50cm Wire from Right Leg large motor → EV3 Brick Port B

(Route 50cm Wires behind 8cm leg pins and behind medium motor)

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1x
2x
4x
4x
2x
2x
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4x
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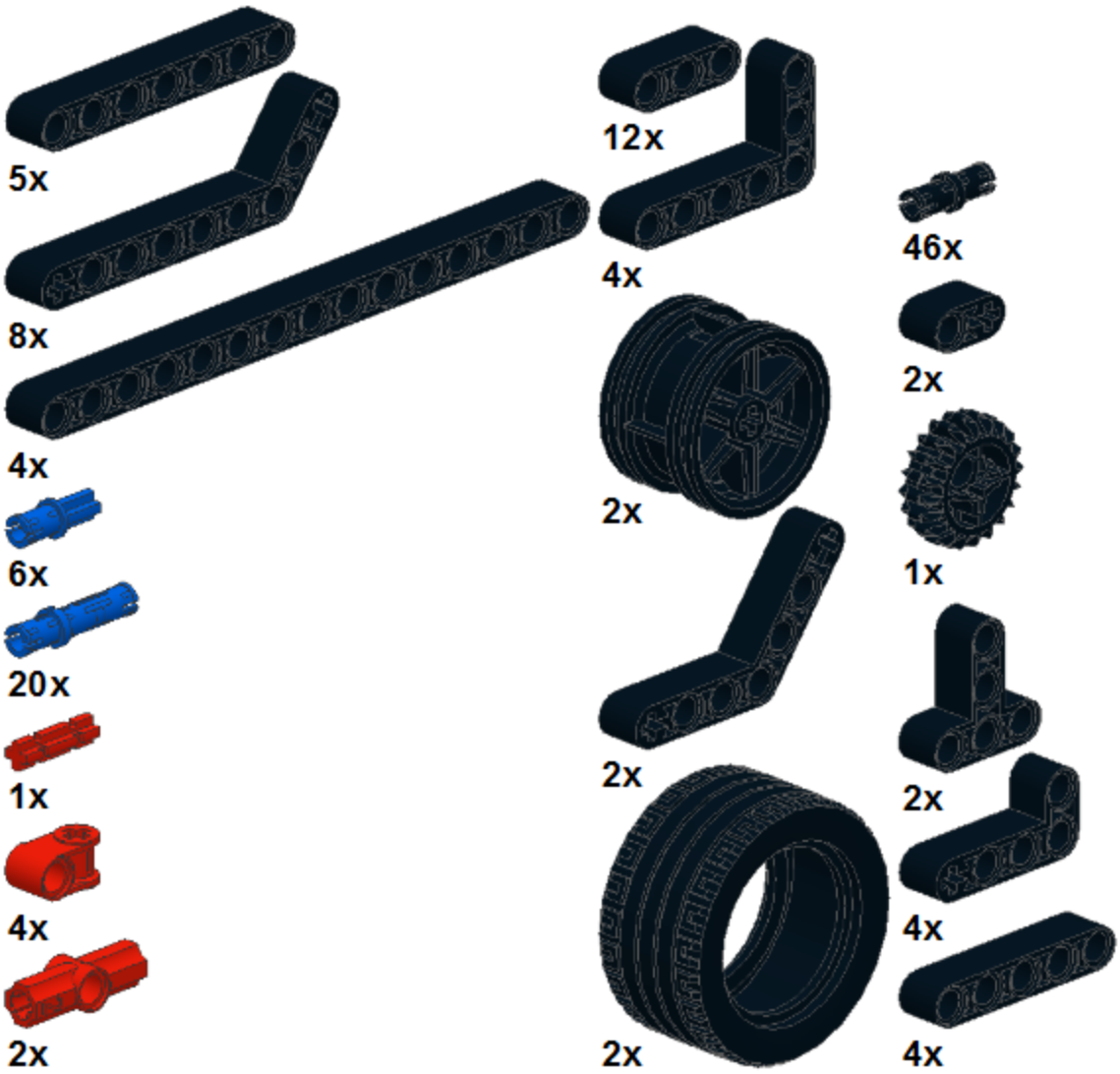
1x
USB
SD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6x
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2x
4x
4x