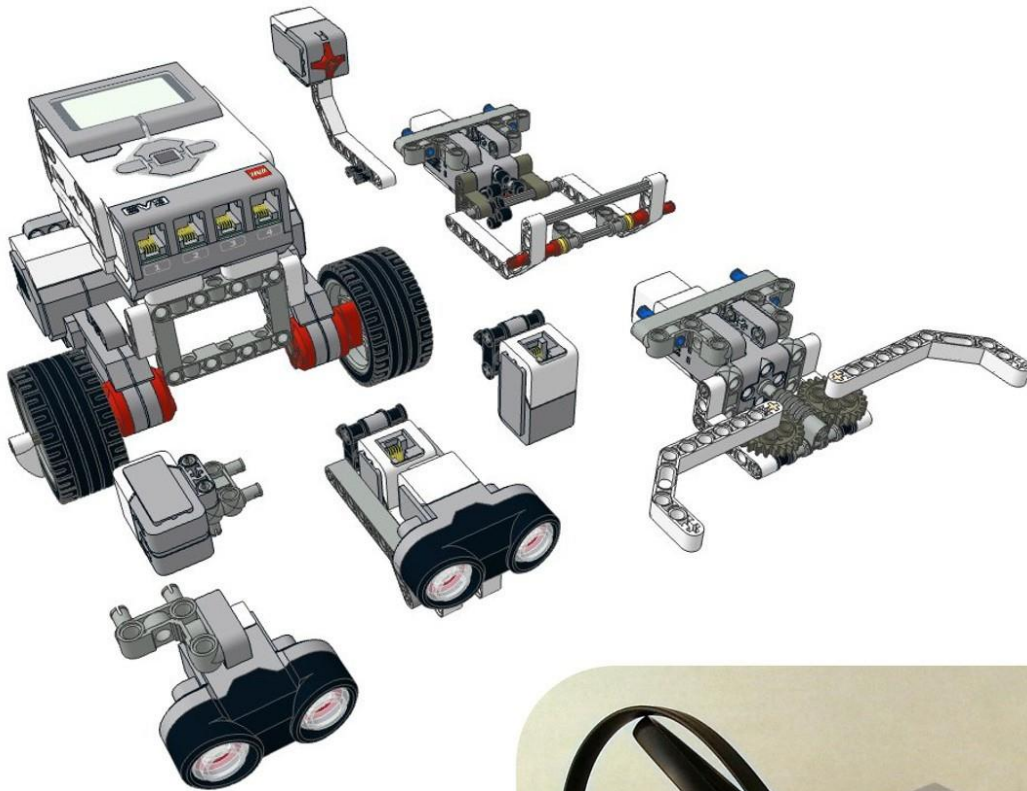


Building Instructions

RileyRover Base Design and Attachments



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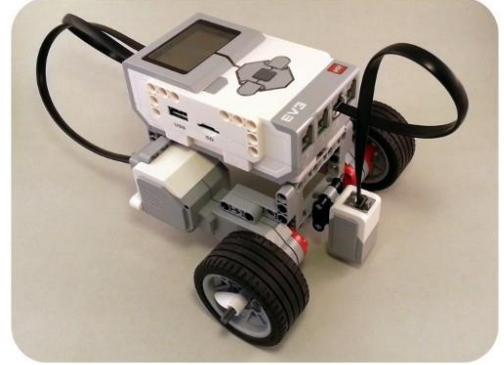
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Sensor and Motor Attachments for the RileyRover Base design



Ultrasonic Sensor



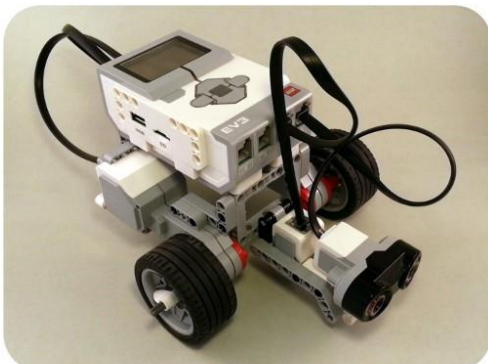
Colour Sensor



Gyro Sensor



Gripper



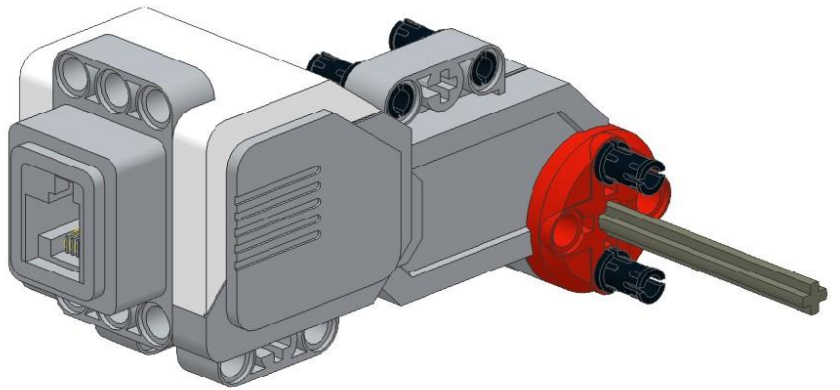
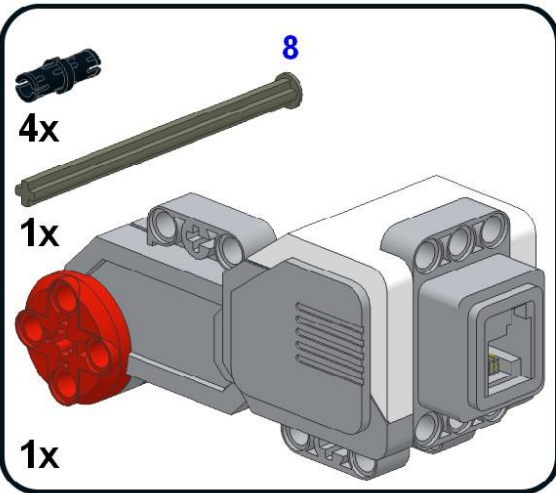
**Colour / Ultrasonic
combination**



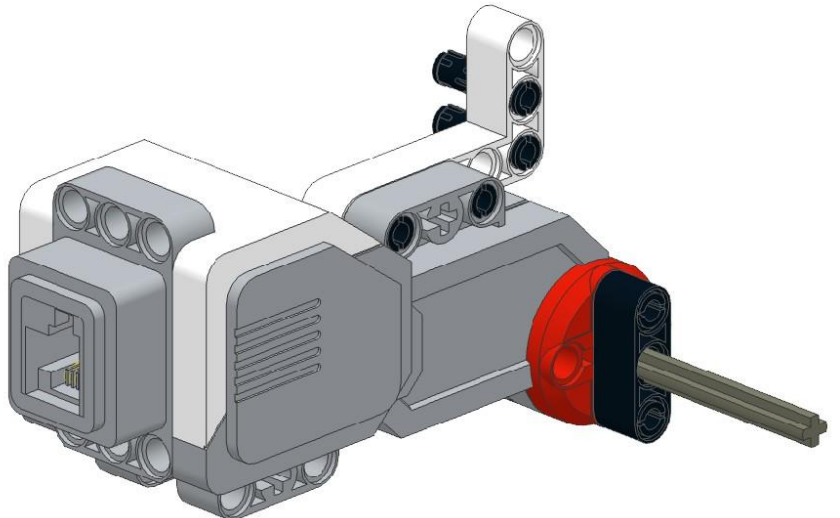
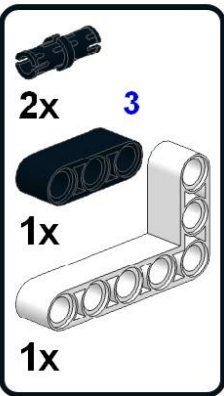
Cargo Delivery

Right Motor Assembly

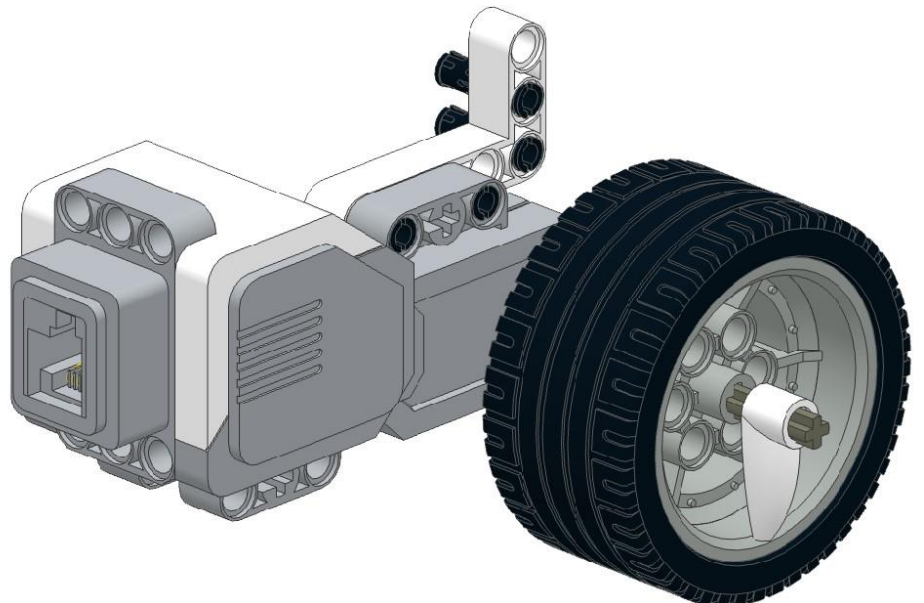
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2

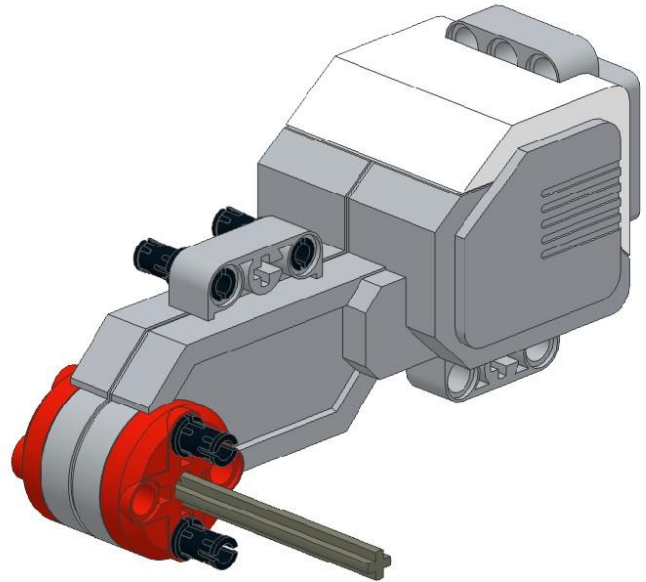
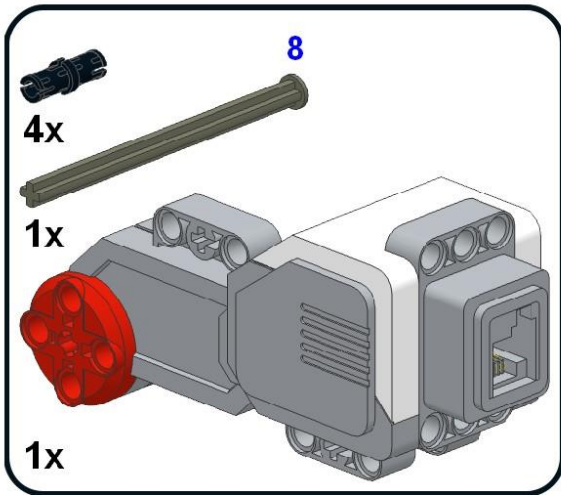


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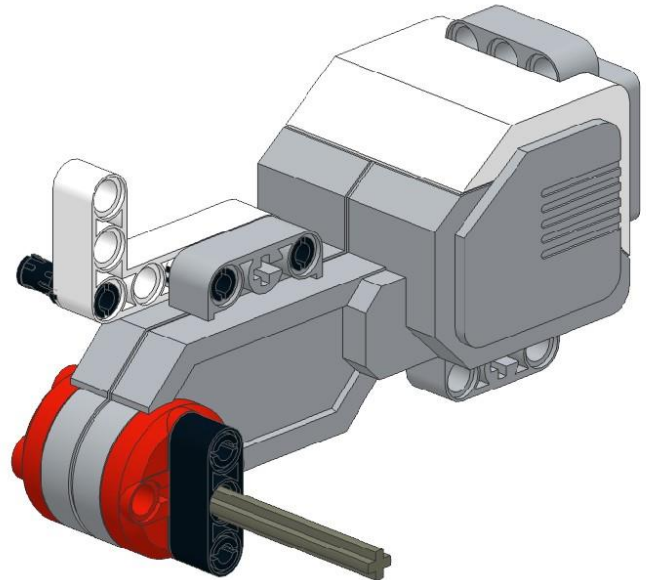
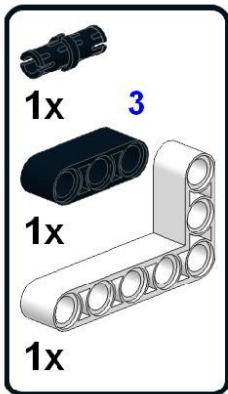


Left Motor Assembly

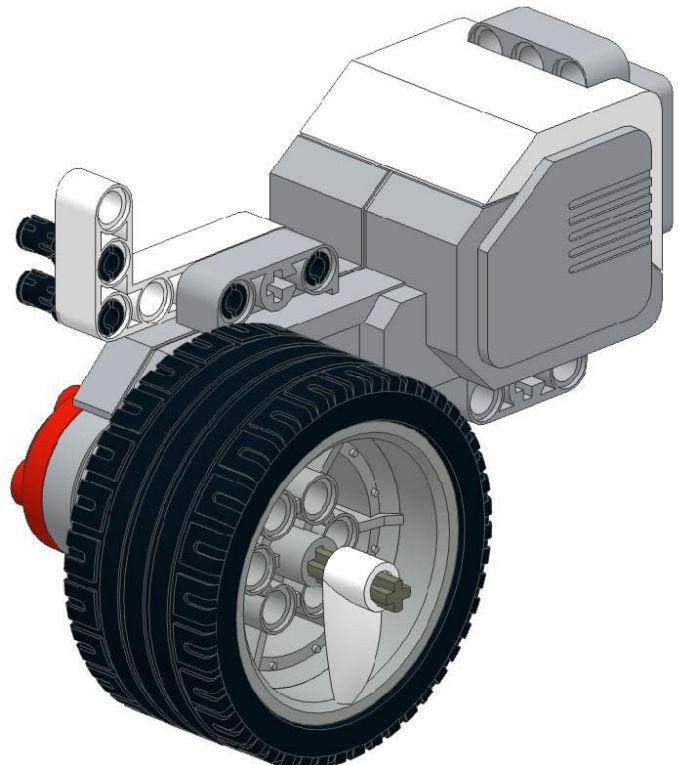
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2

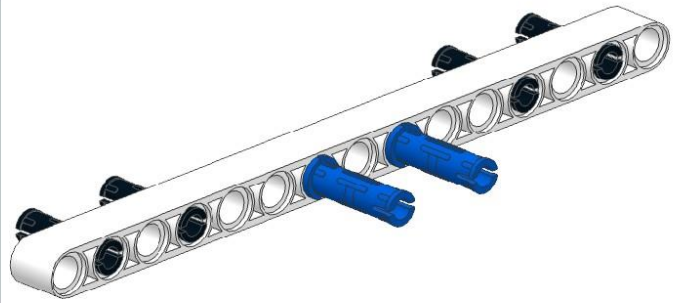
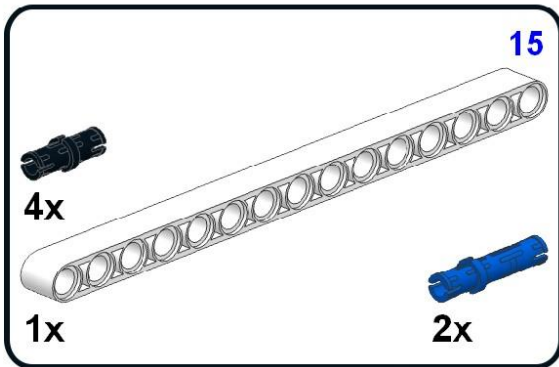


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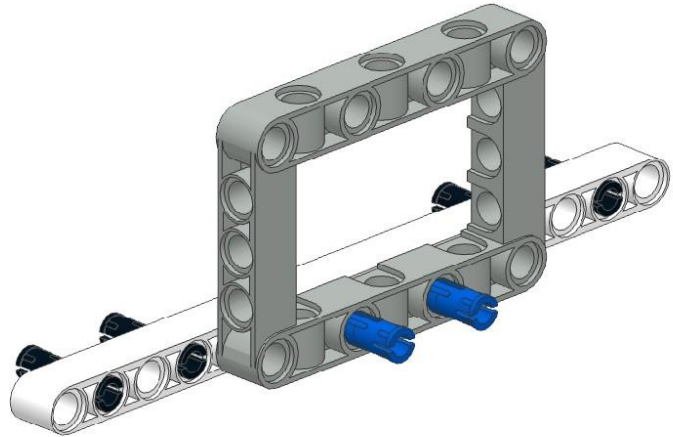
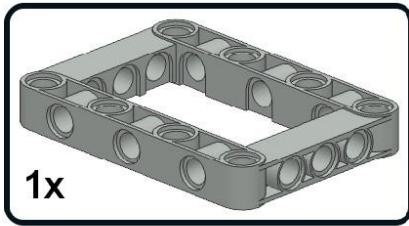


Back Castor Assembly

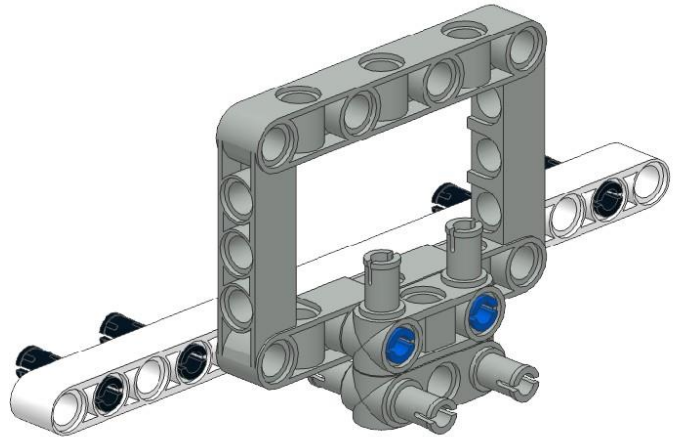
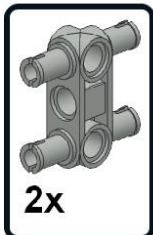
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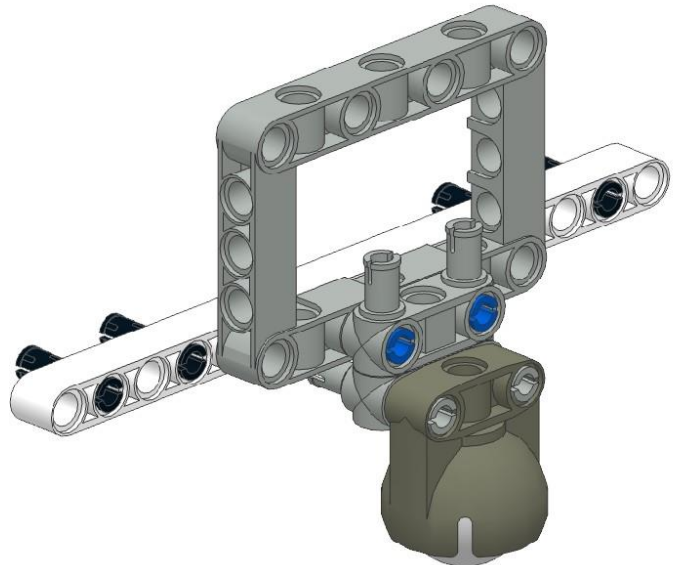
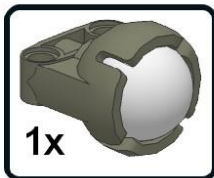
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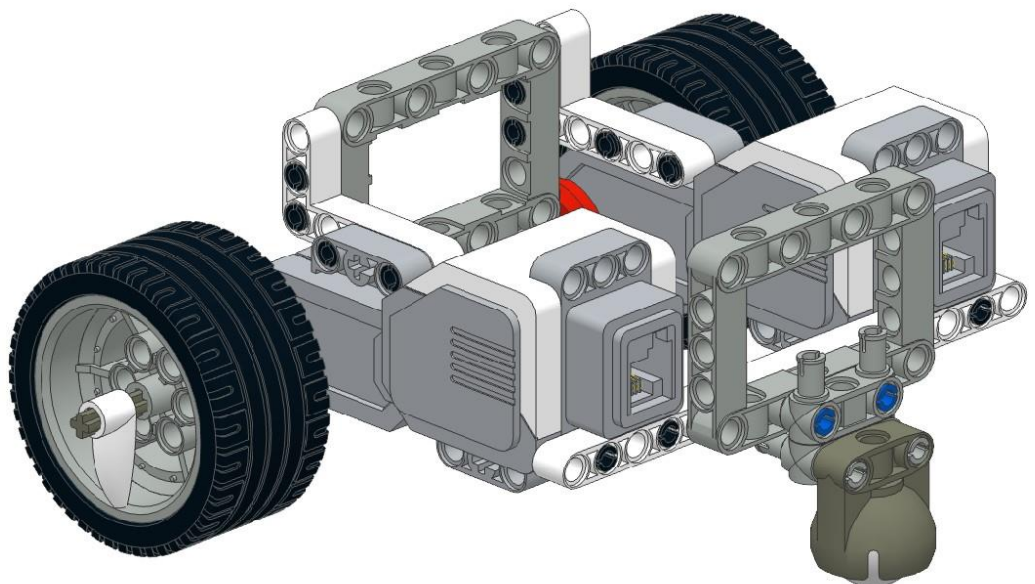
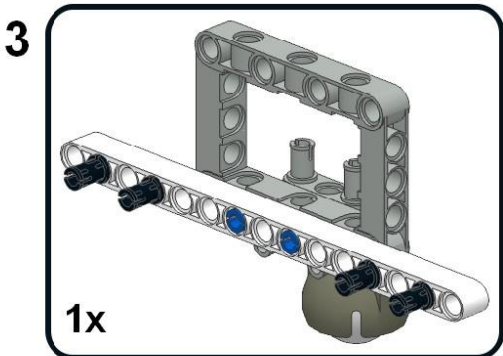
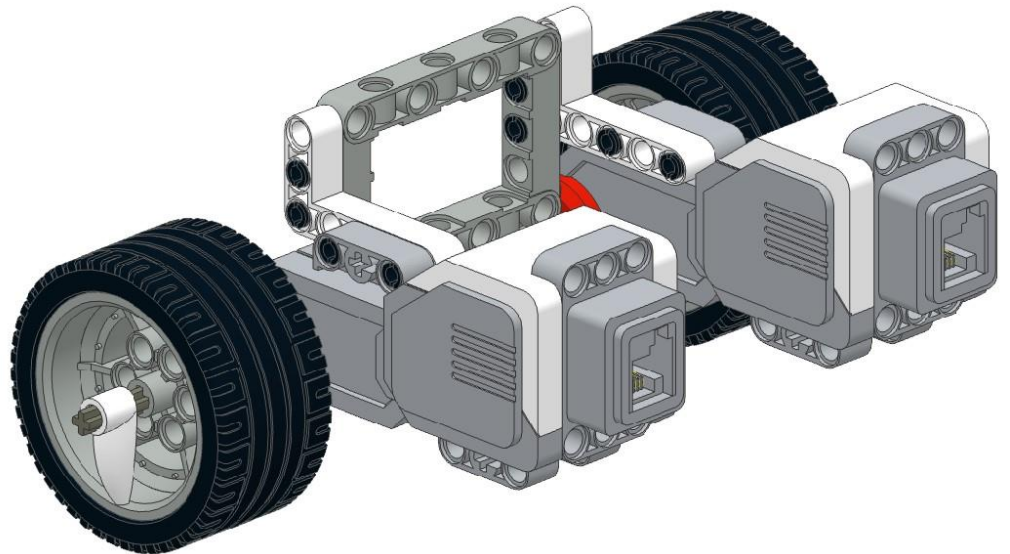
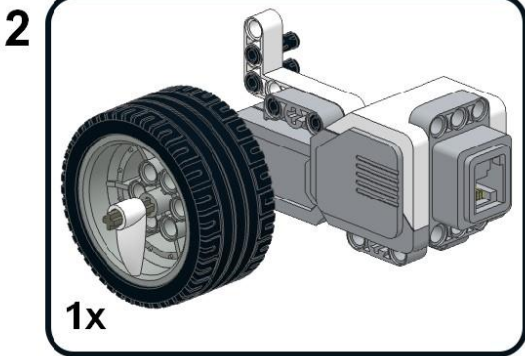
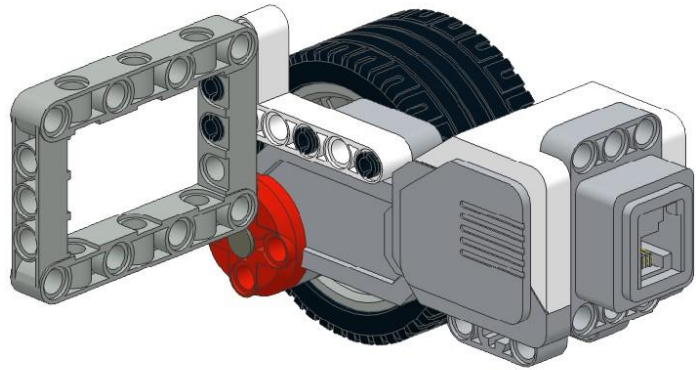
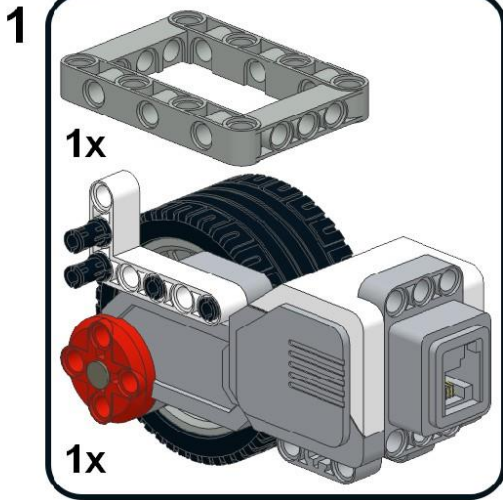
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4

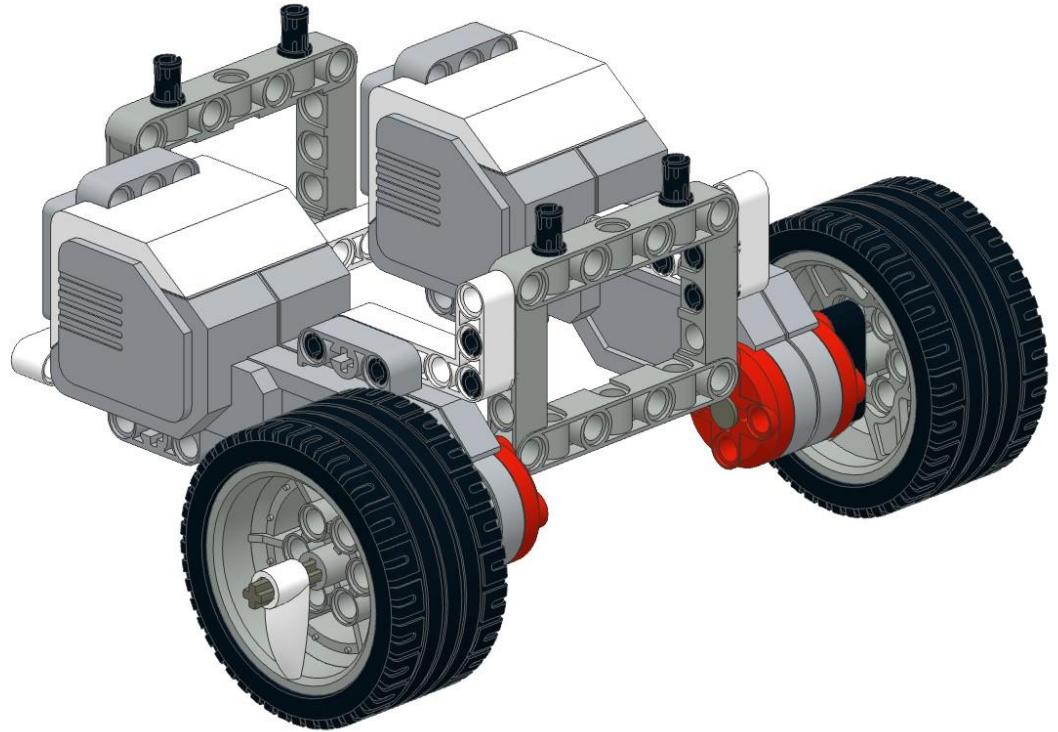


Assemble Right Motor, Left Motor and Back Castor

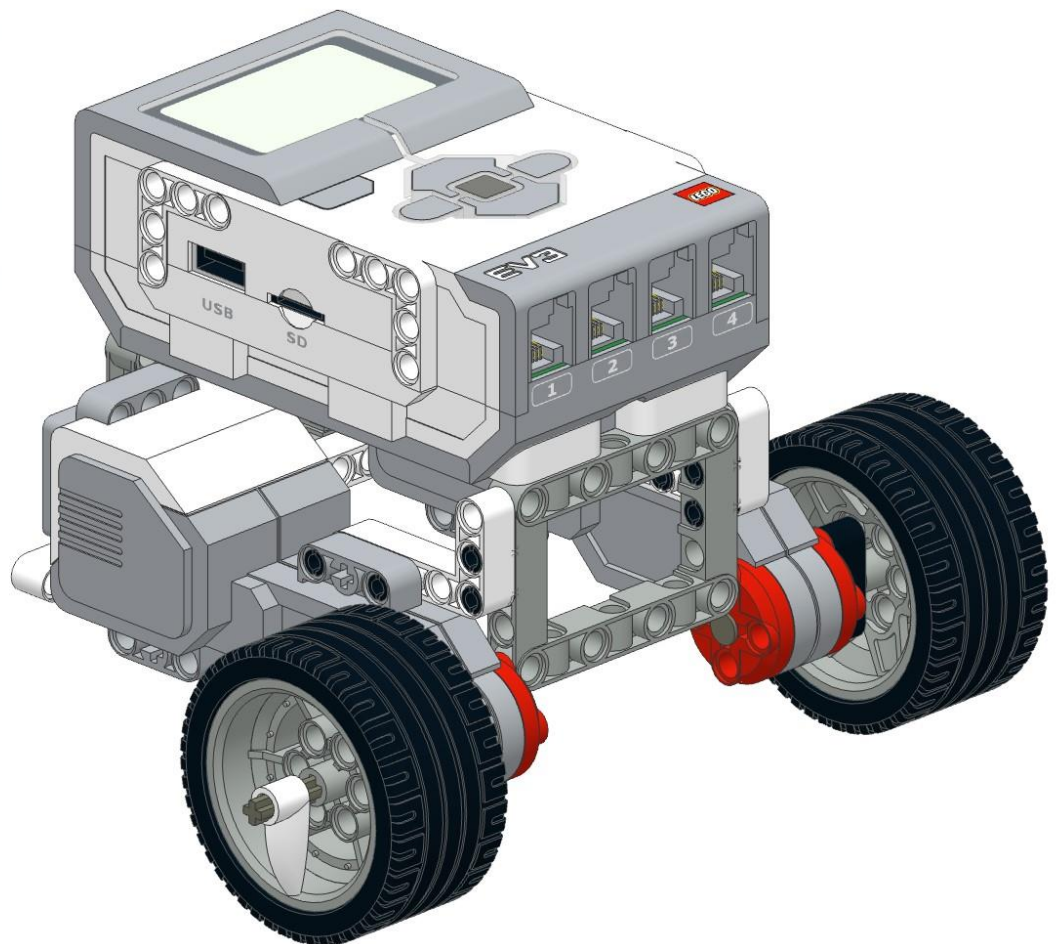
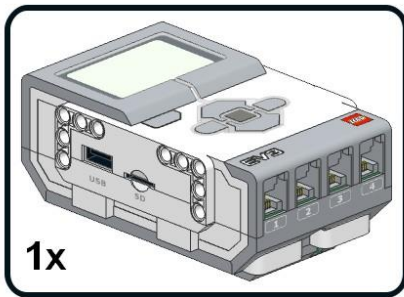


Turn Base around

4



5



Connect the Cables

Left Motor : B - Right Motor : C
(for this design, the cables will cross over)

