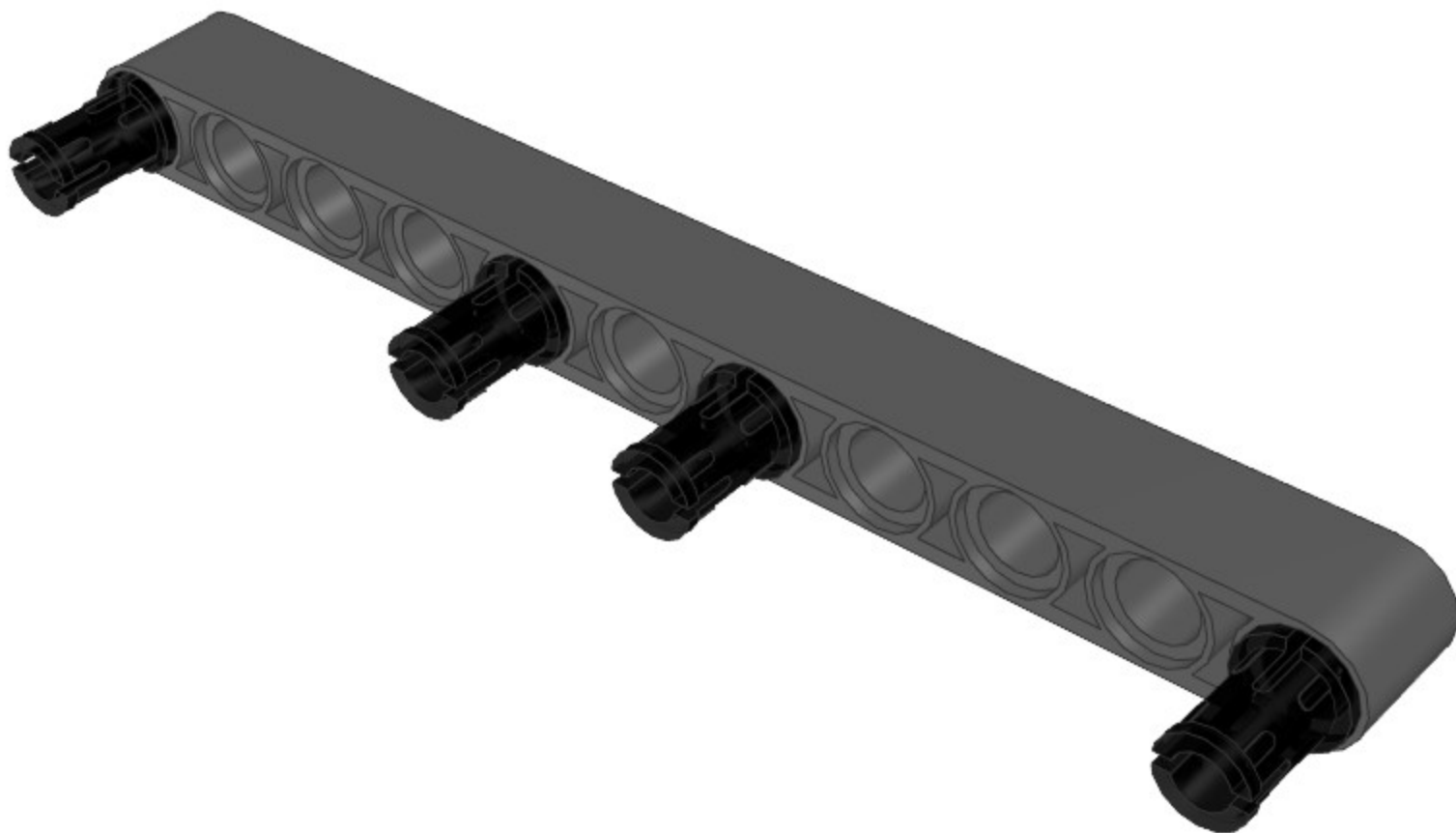


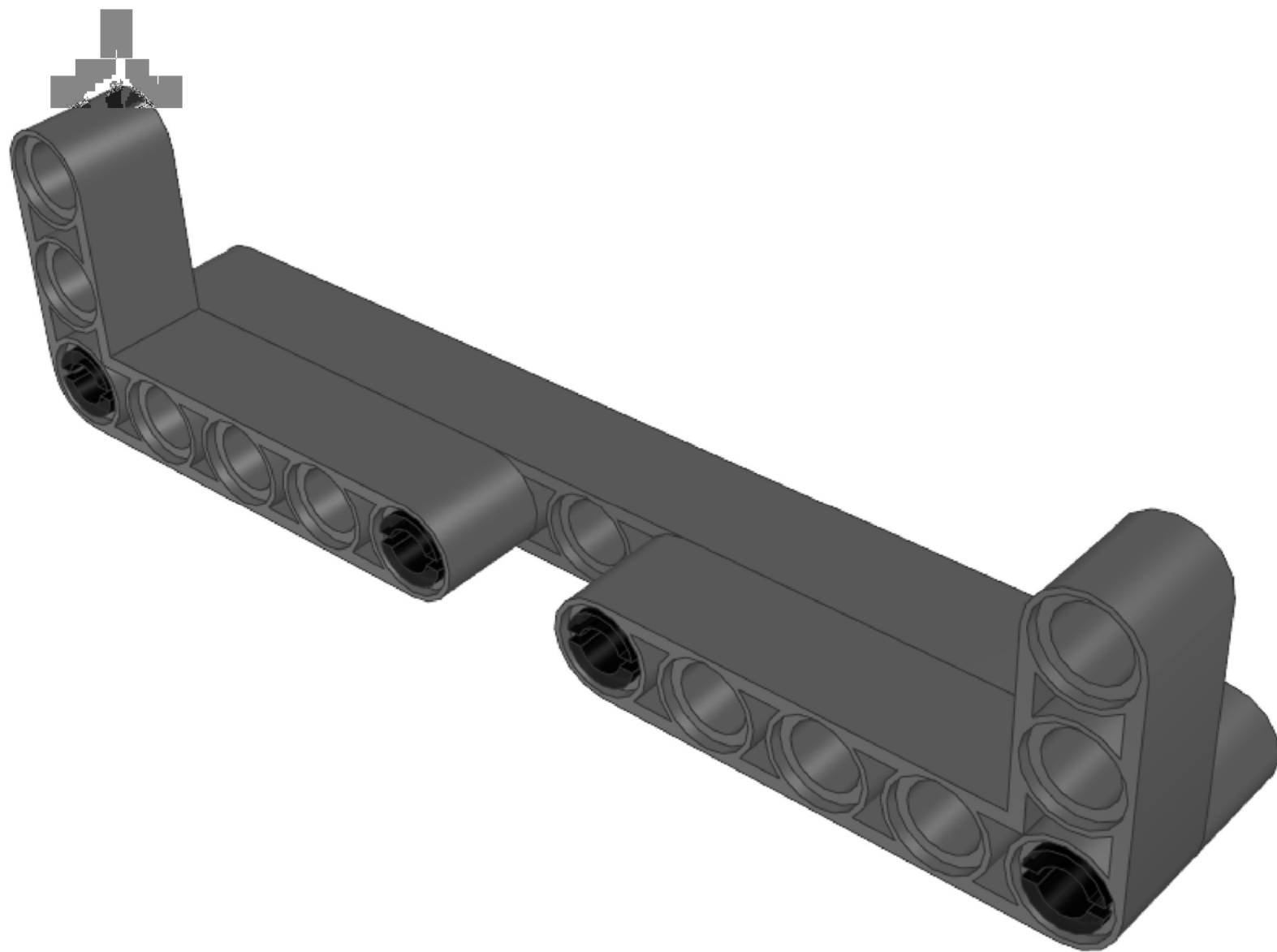
Bottom Brace

These parts connect the bottom edge of the cage. Build two of them.

1



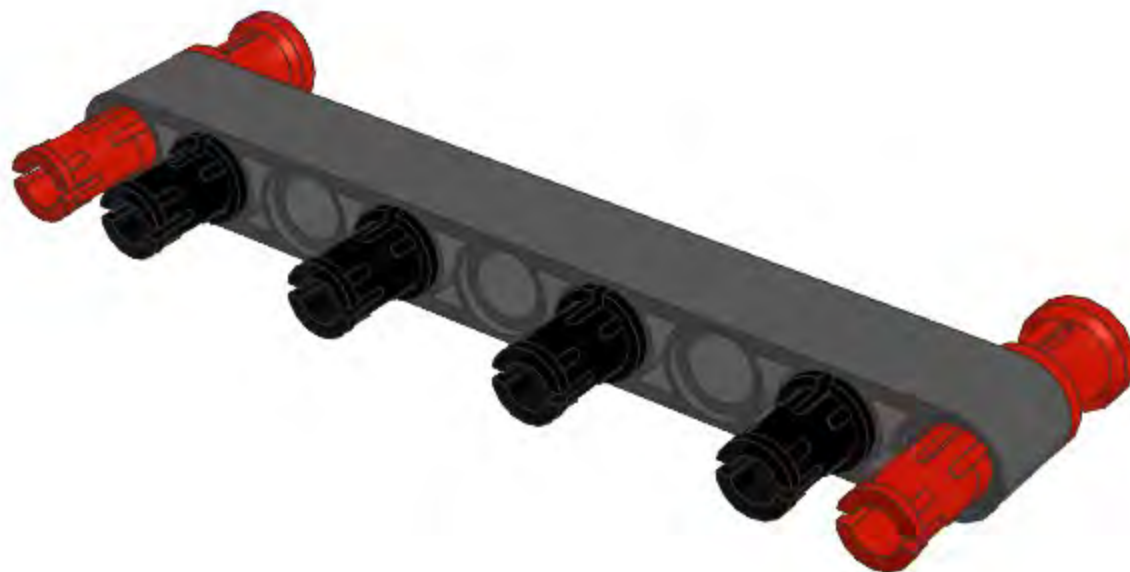
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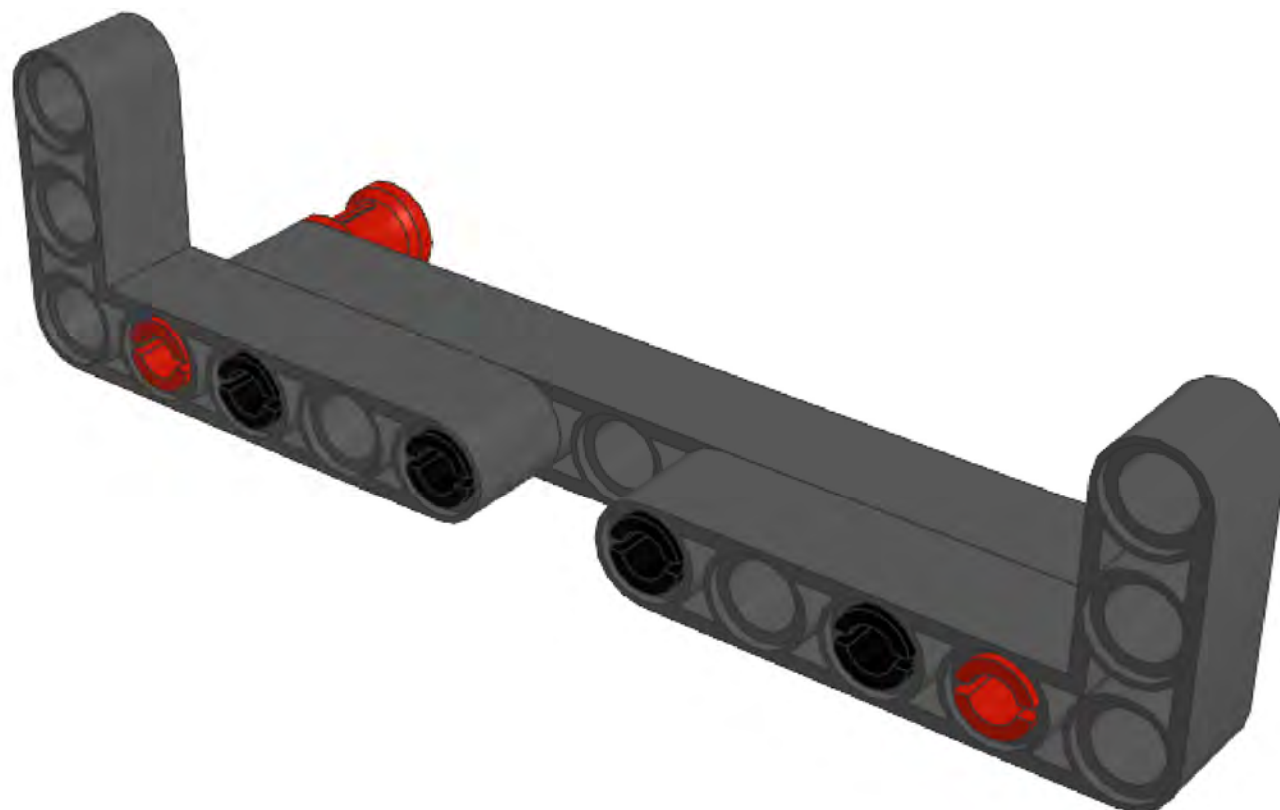
Top Brace

These parts will connect the top edge of the cage. Build two of them.

1



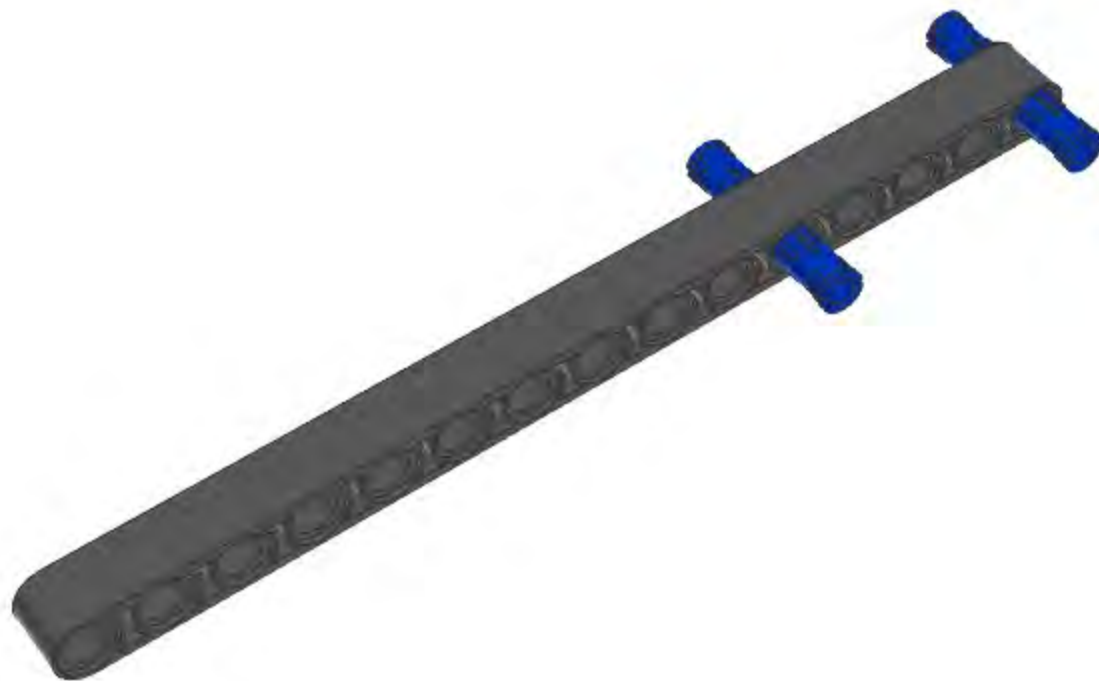
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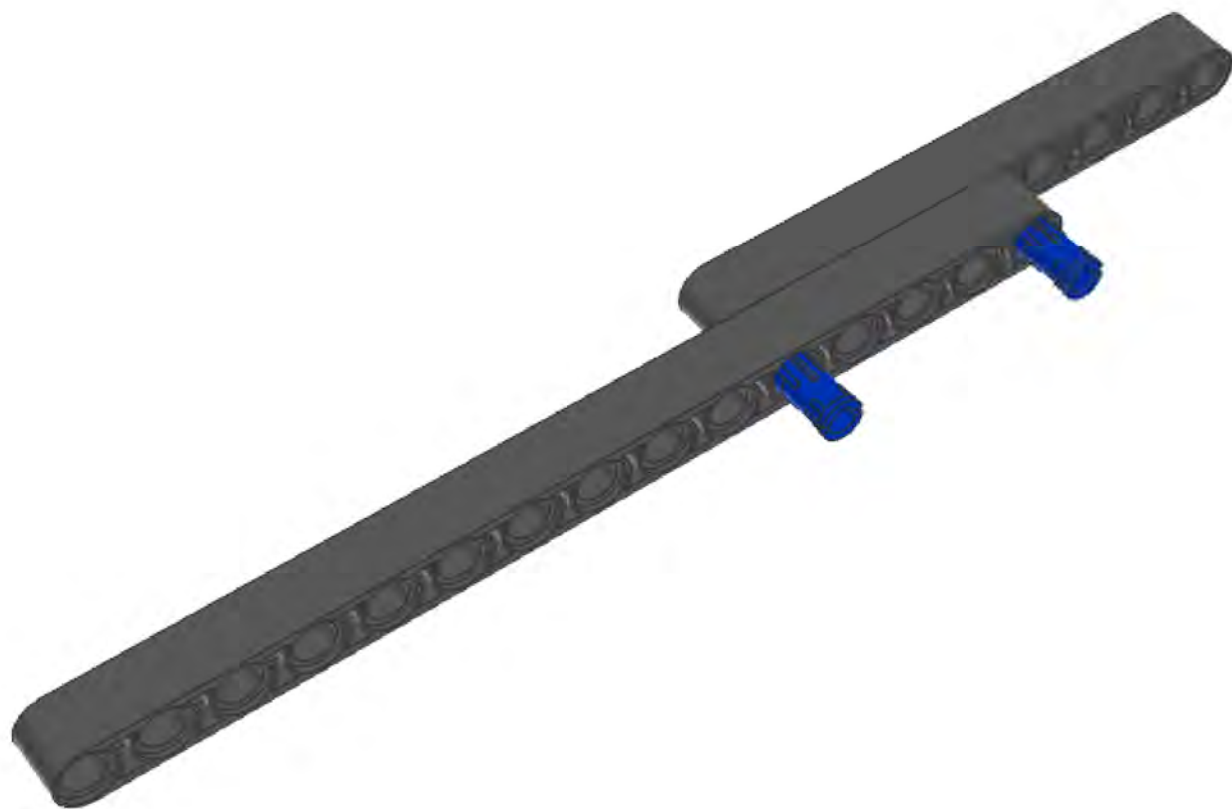
Puller Arm

These are the parts that will directly pull on the bottle's pump. Build two of them.

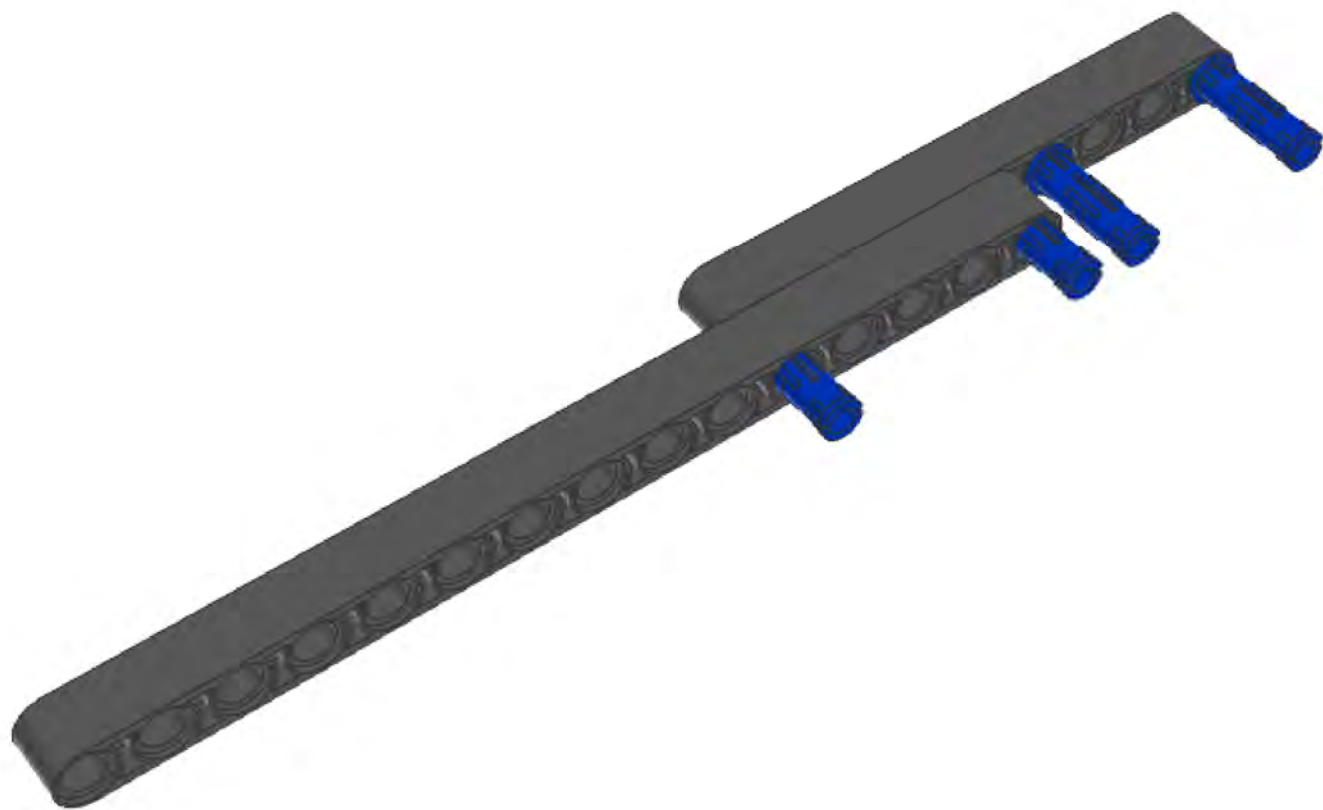
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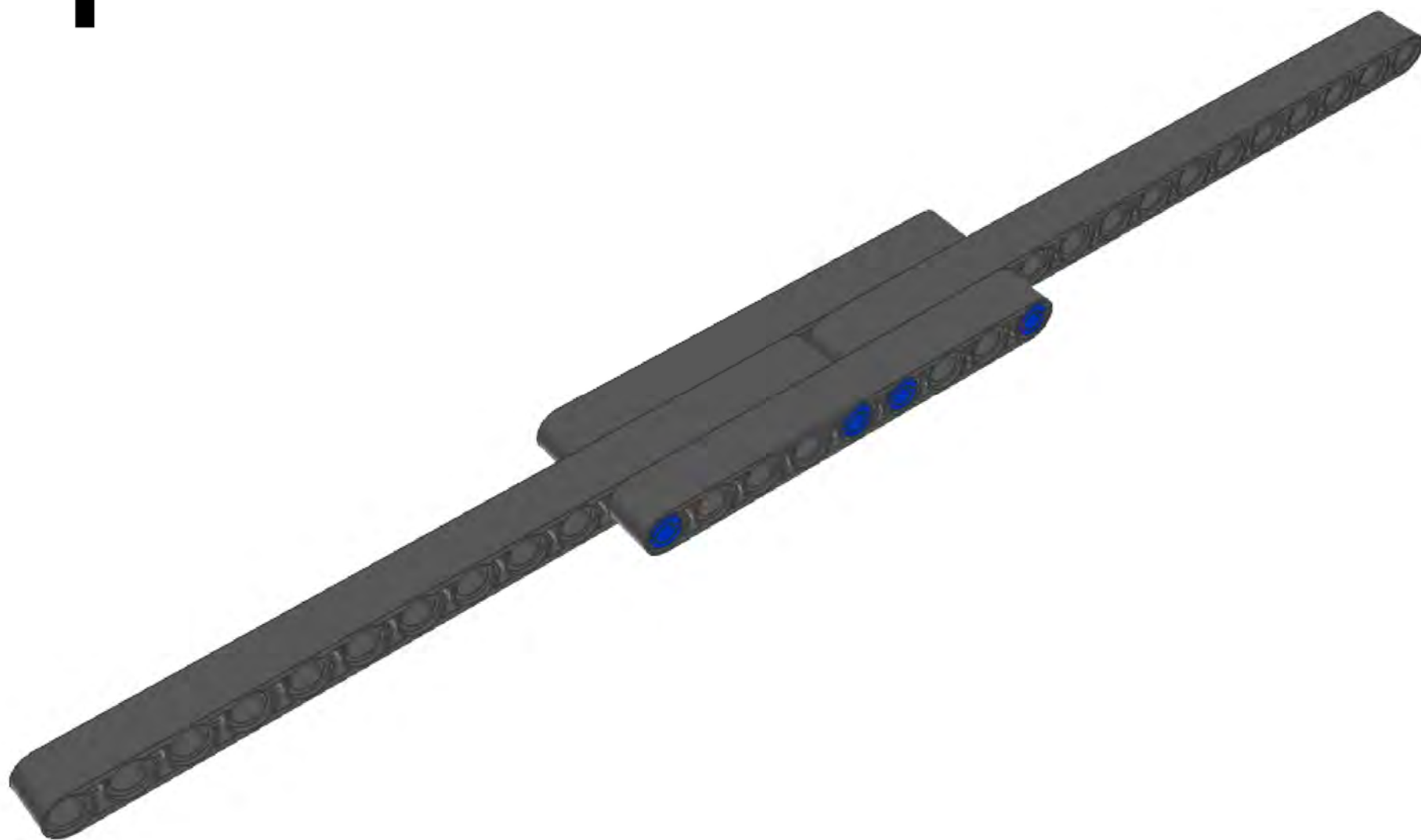
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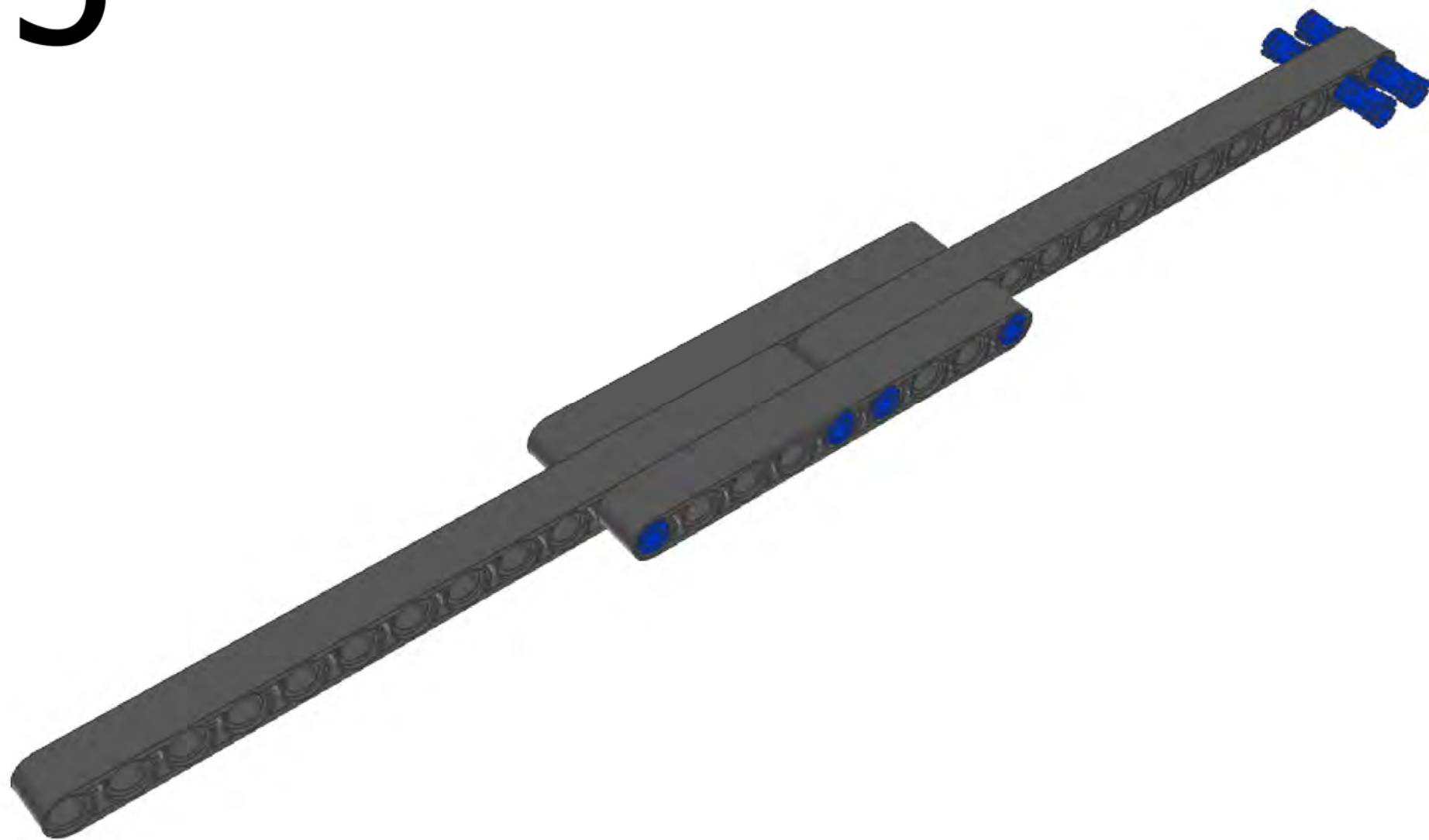
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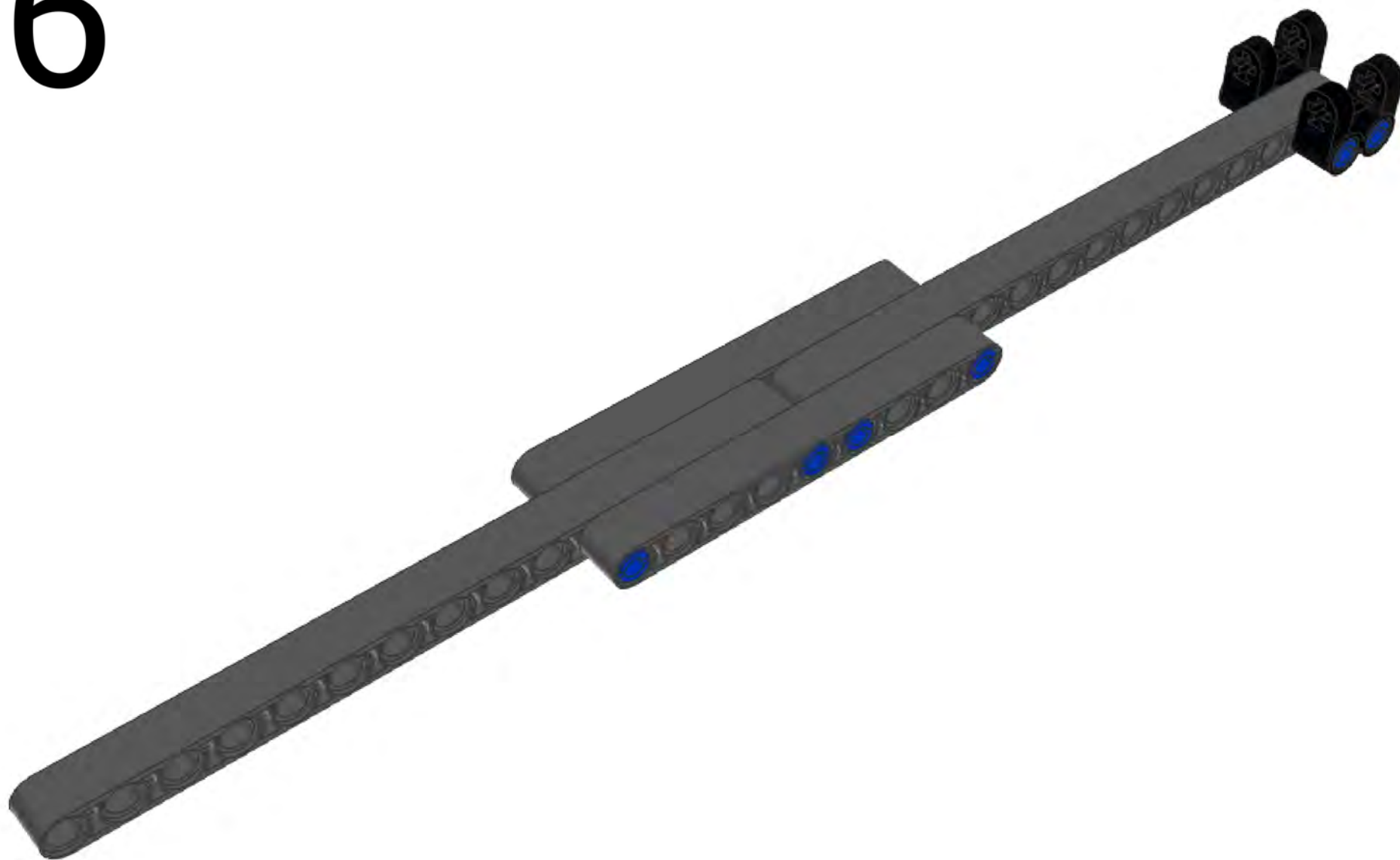
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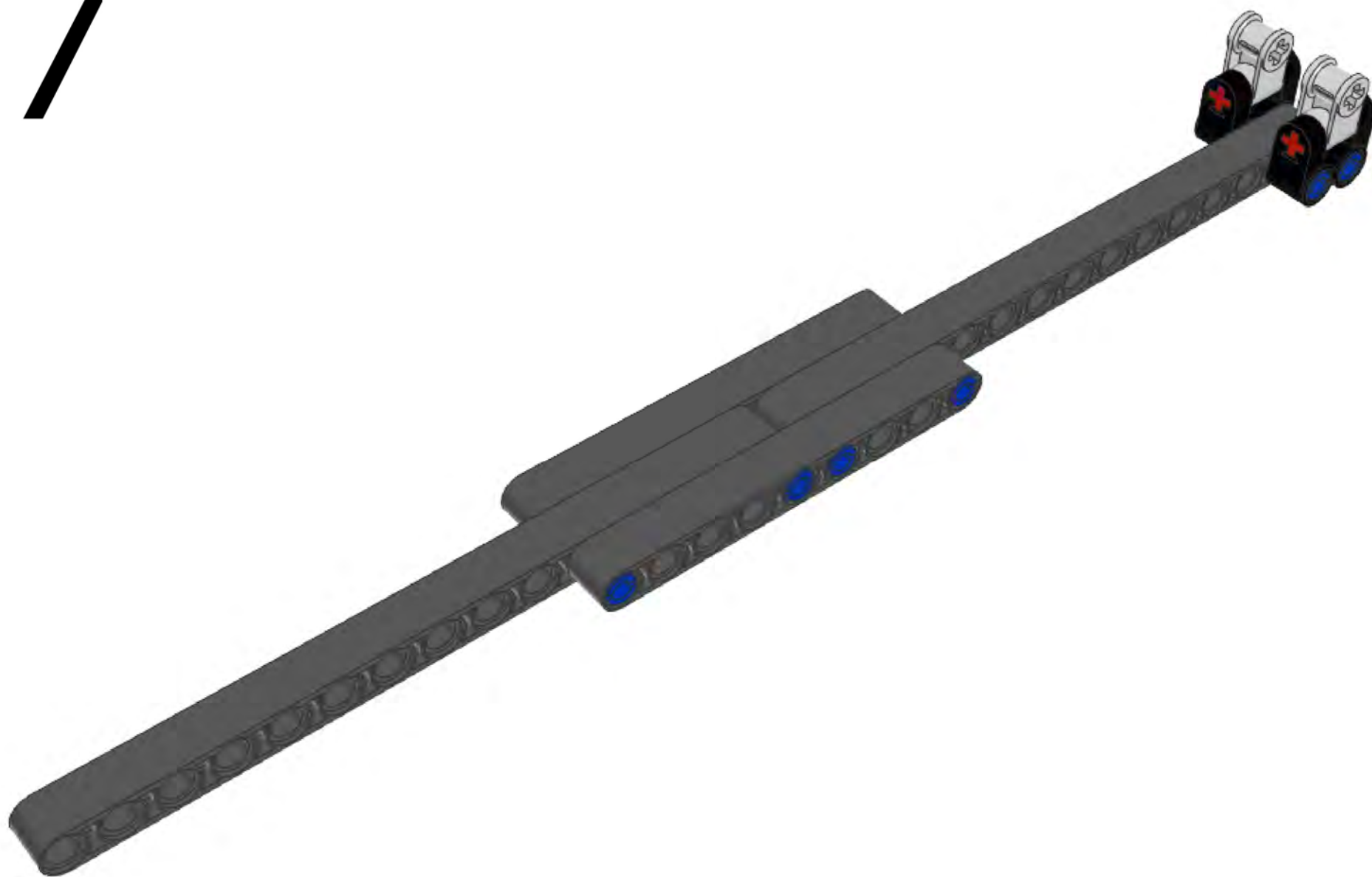
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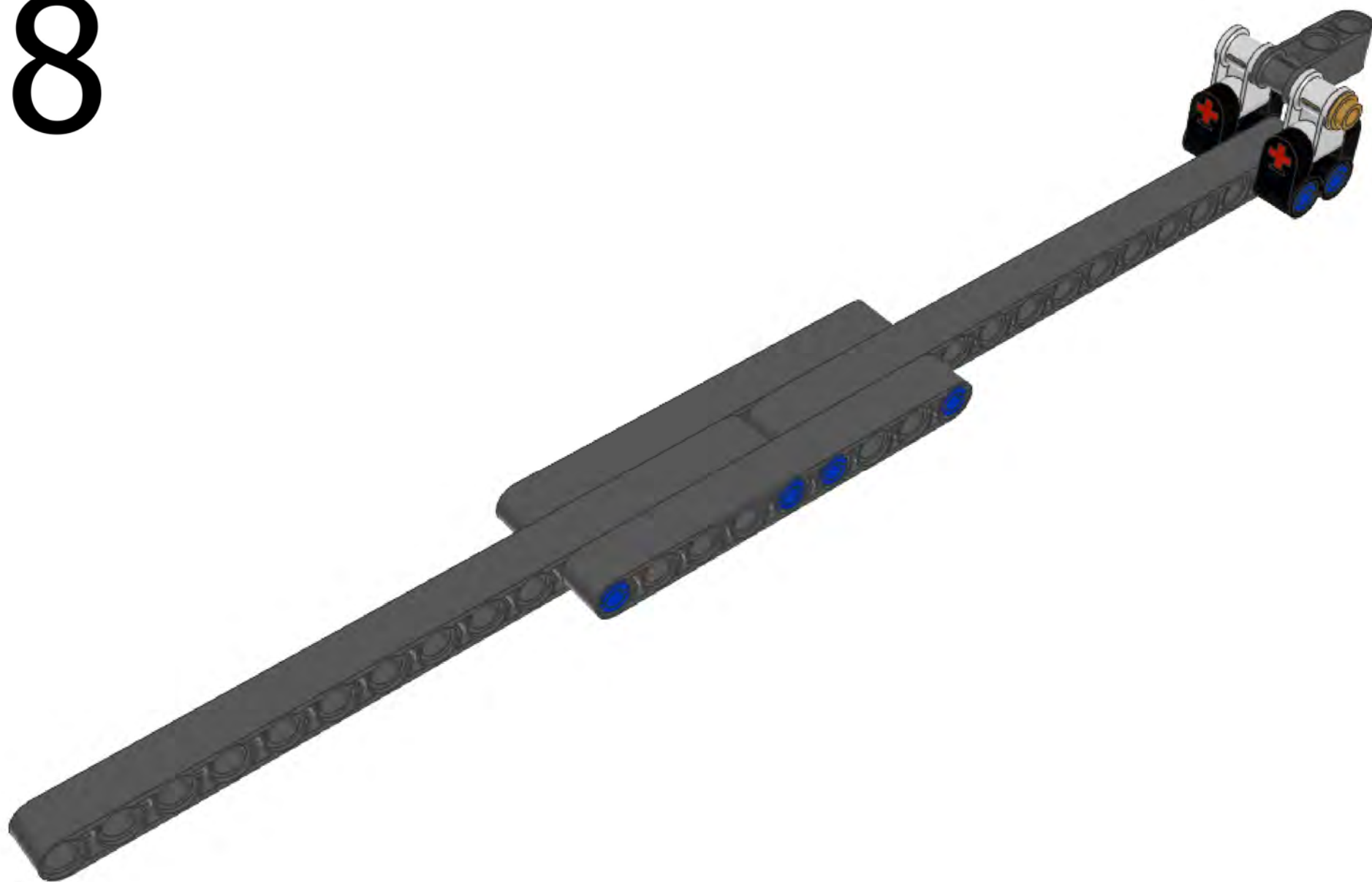
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7



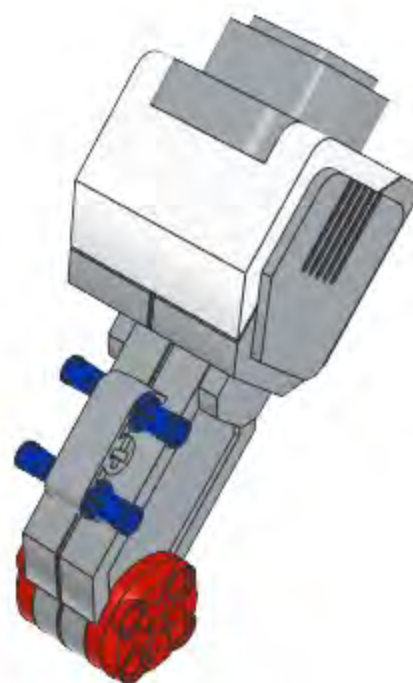
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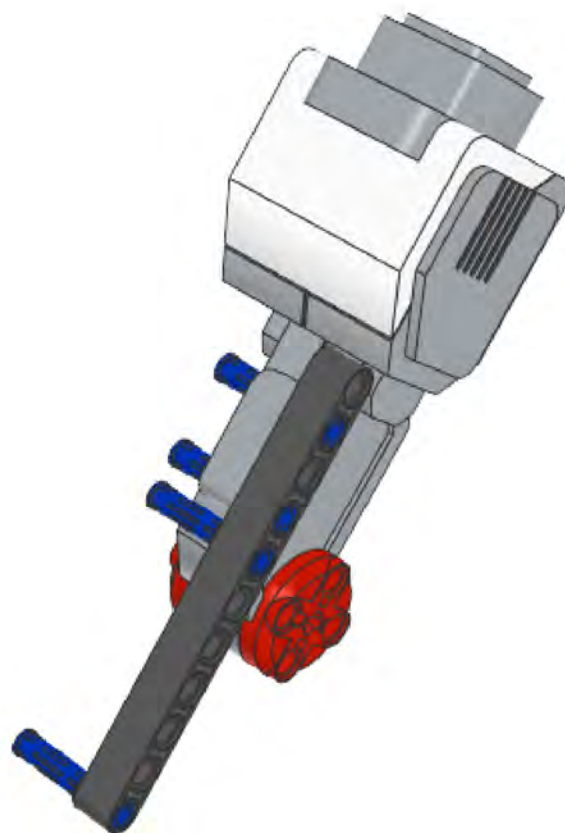
Cage

This part will hold the hand sanitizer bottle, and is the main component of the device. There are two sets of instructions for this from two different angles; this is for convenience, only build one cage.

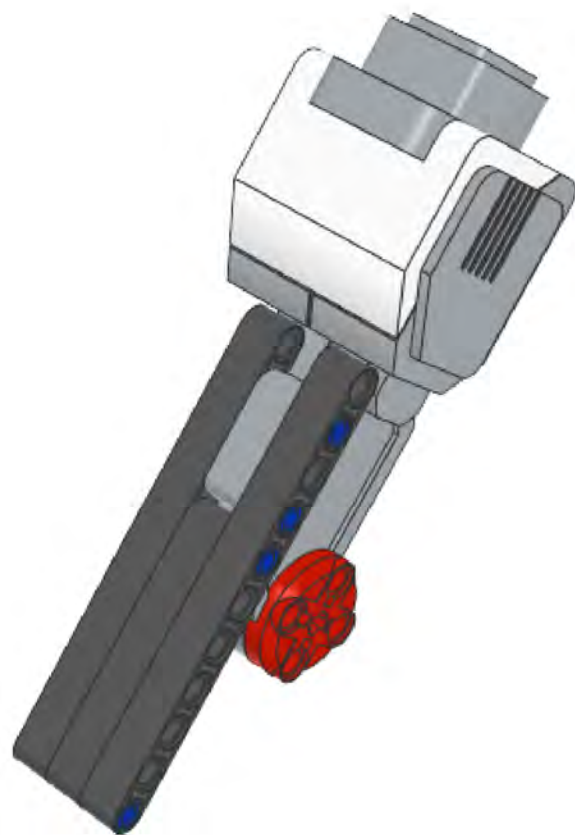
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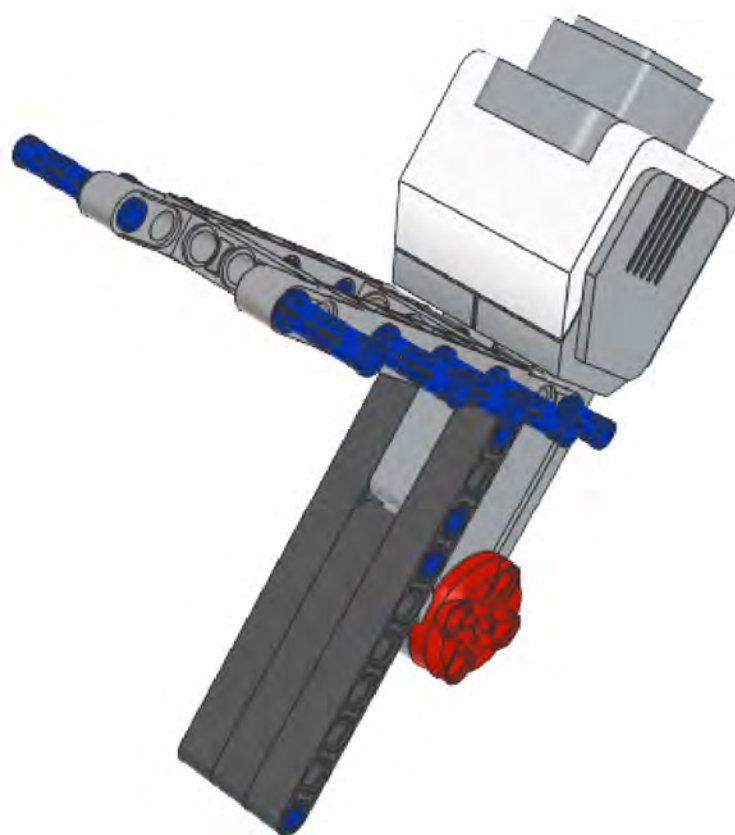
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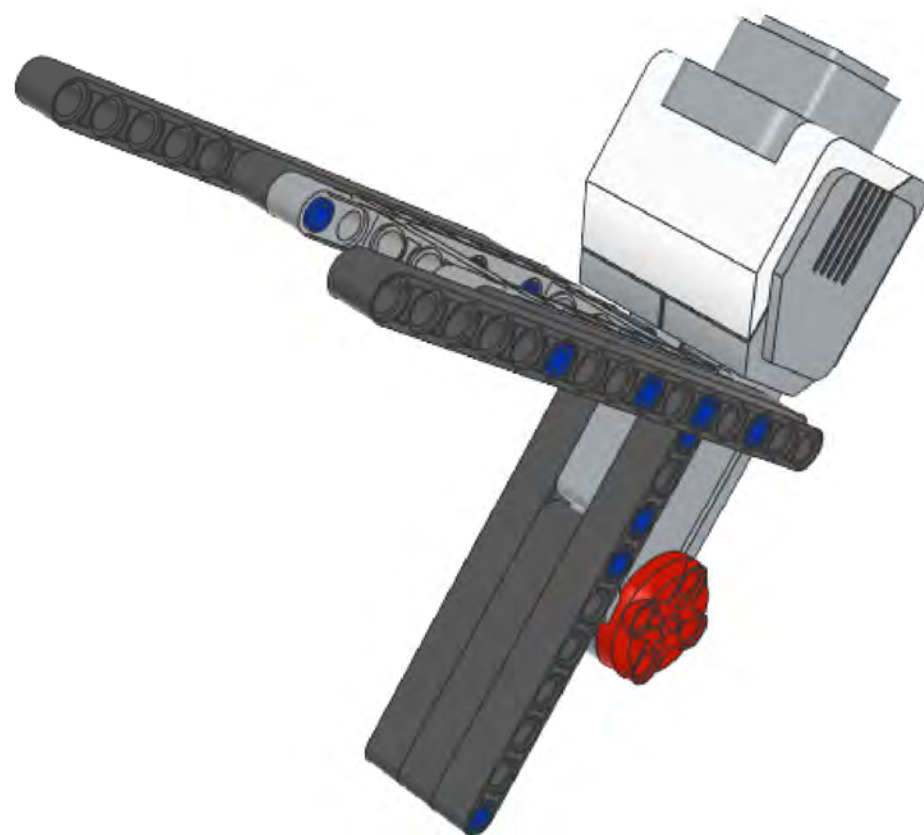
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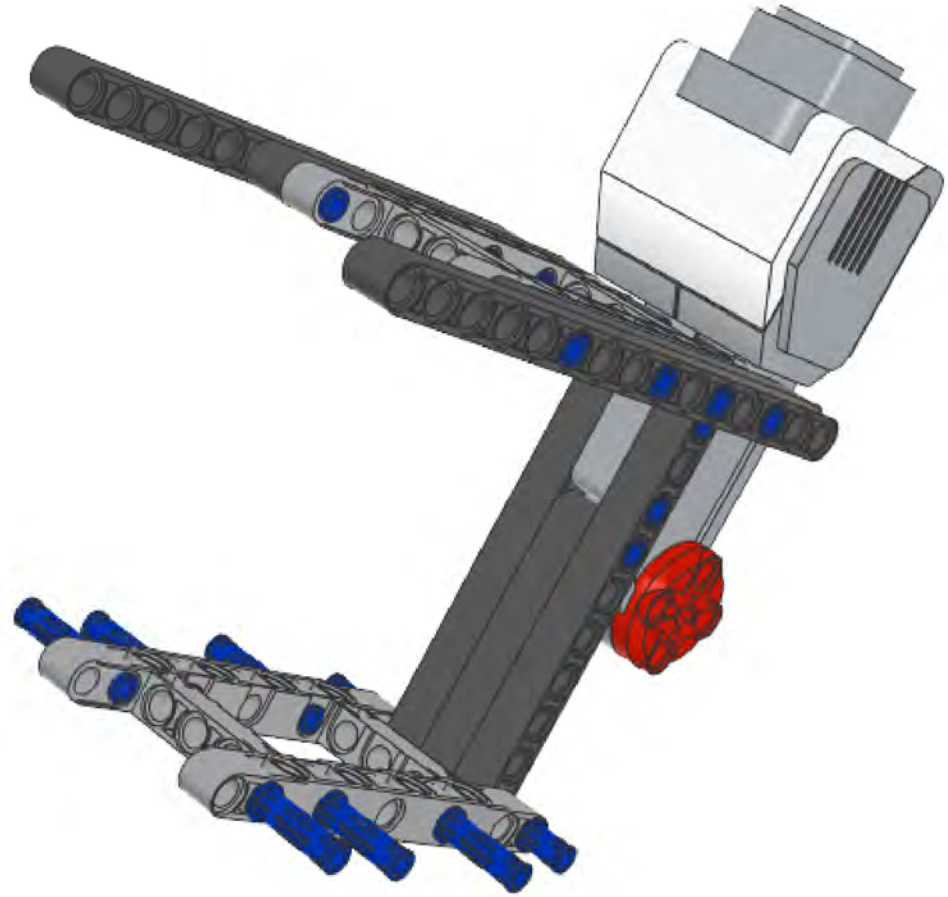
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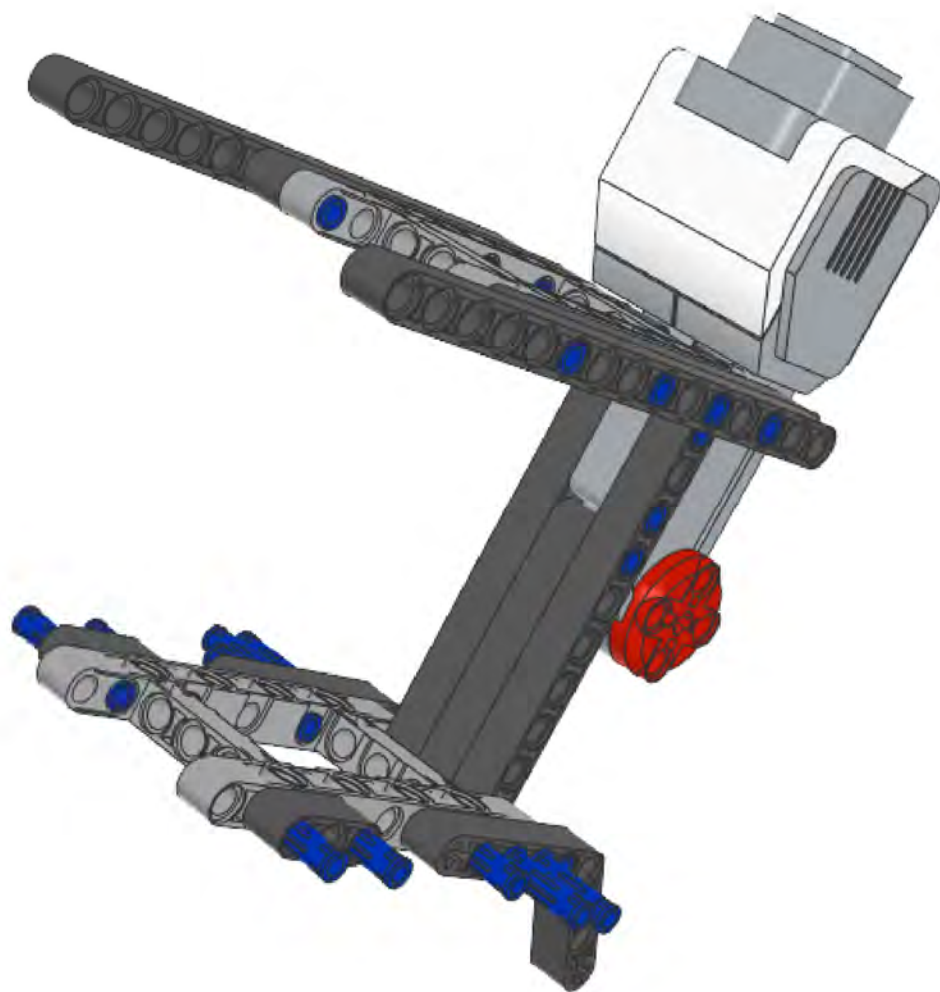
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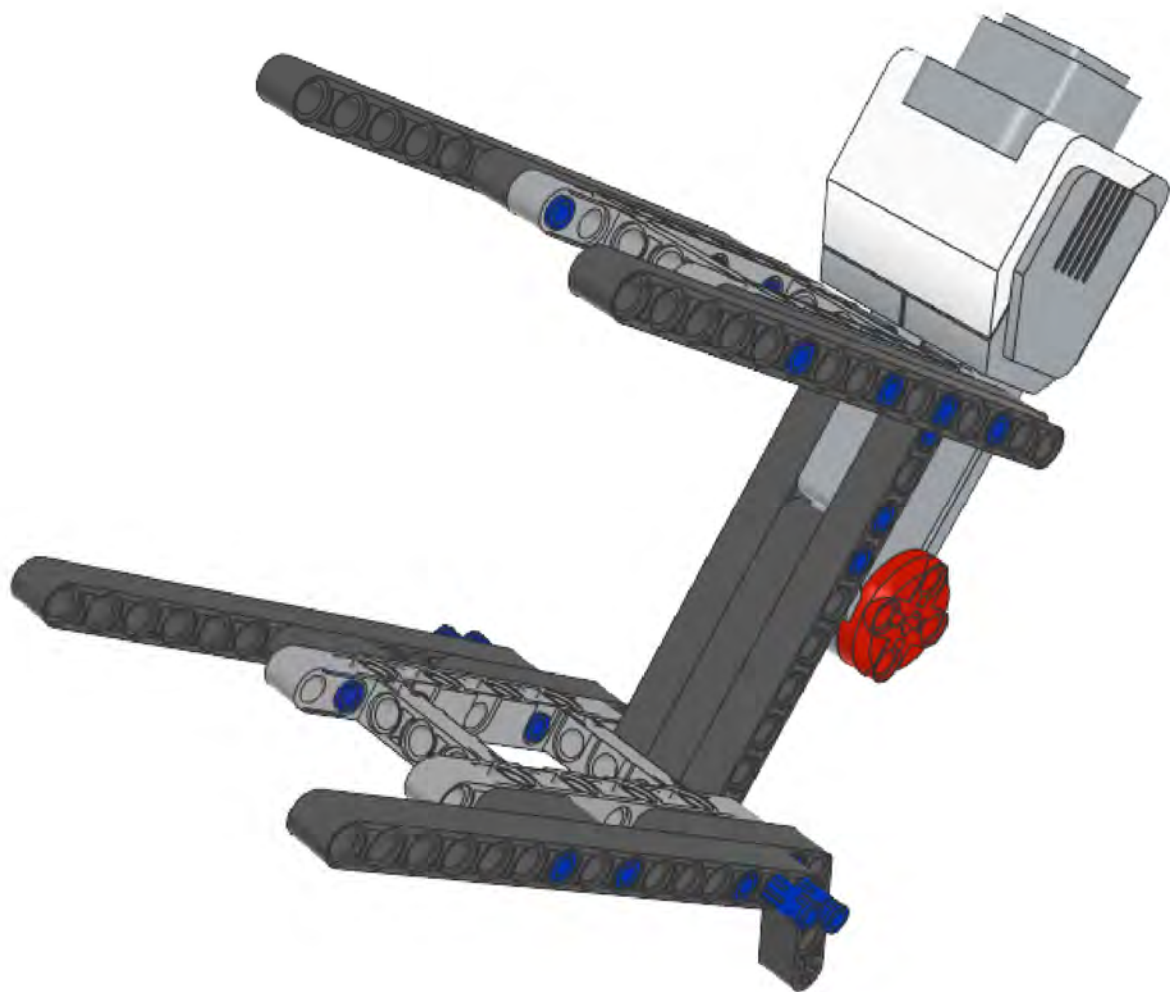
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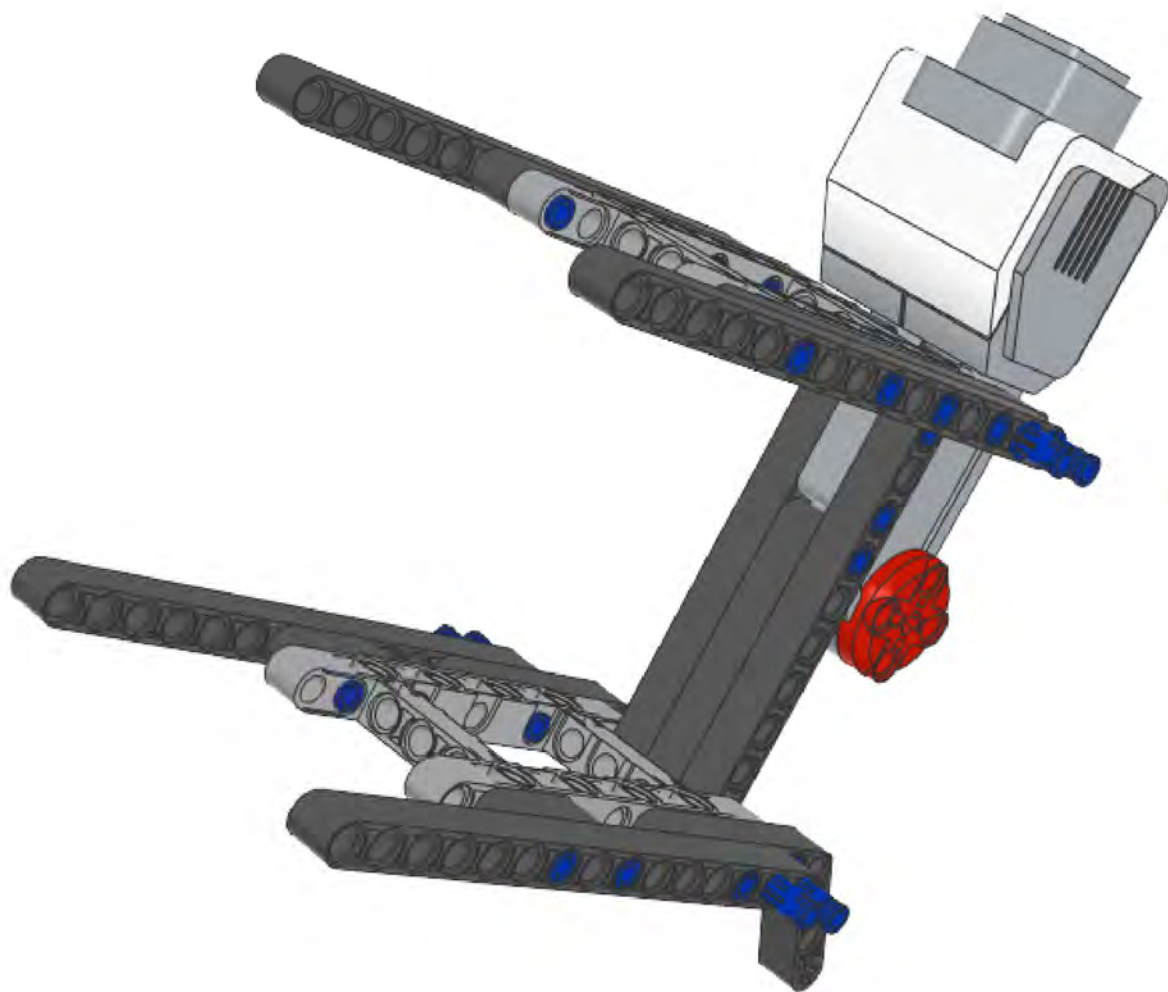
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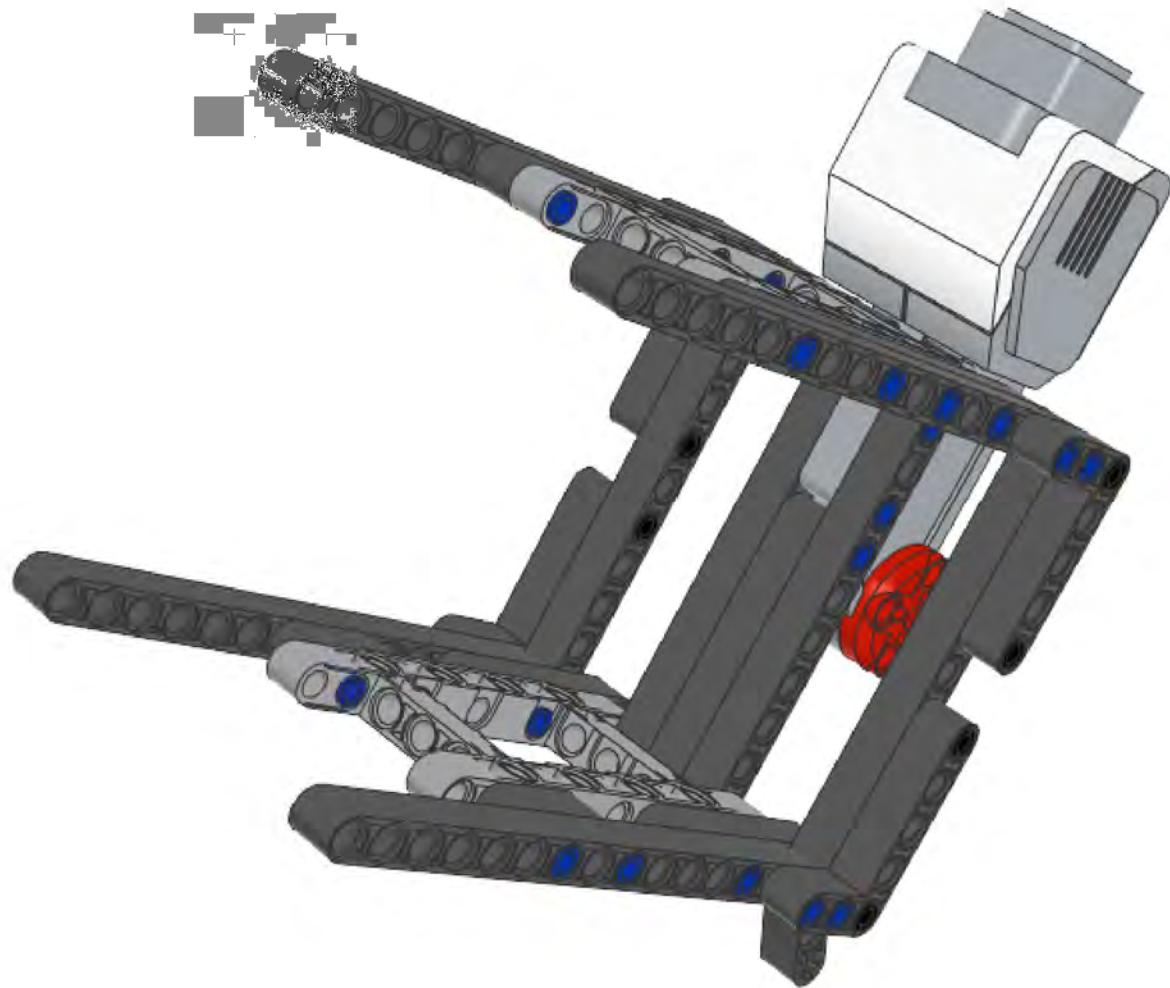
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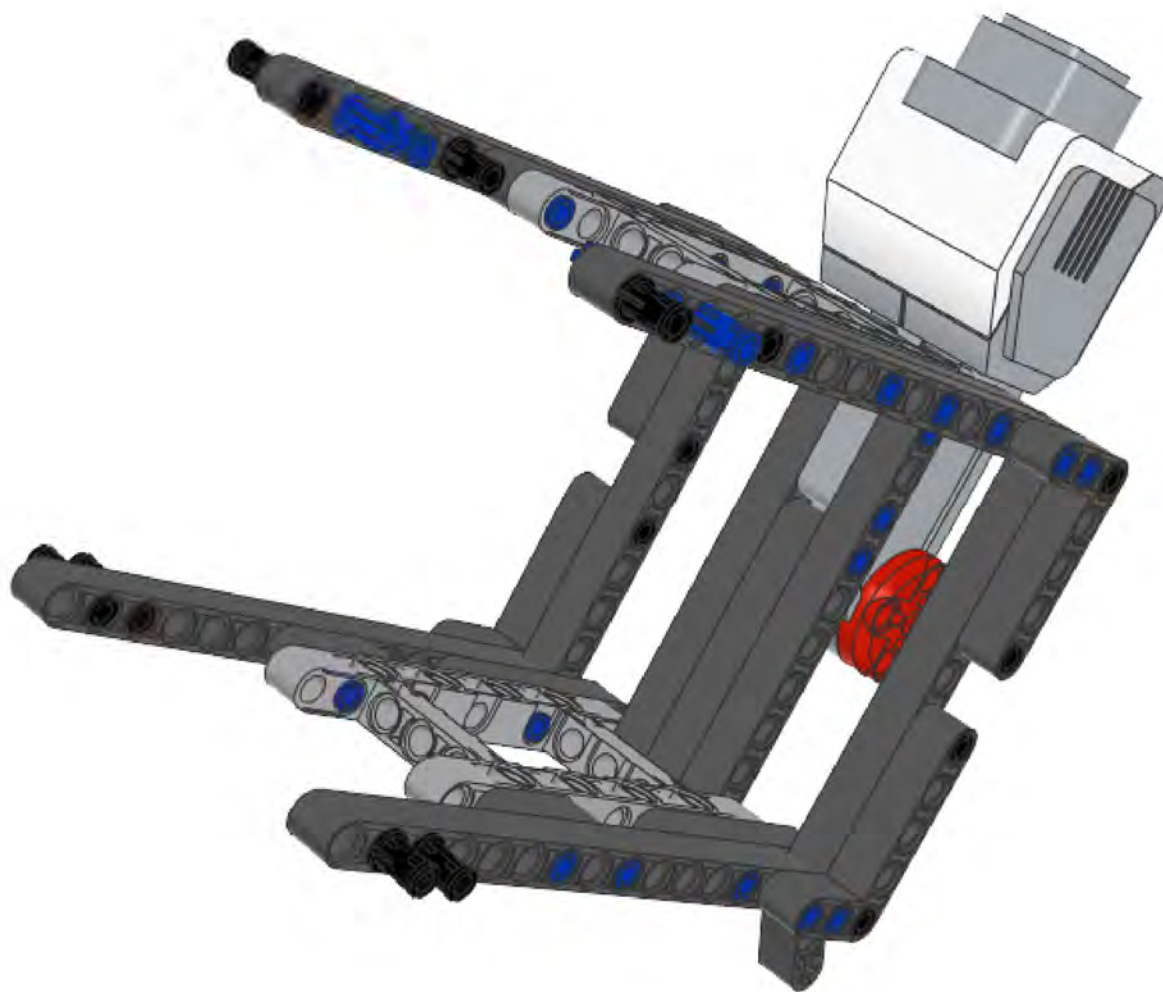
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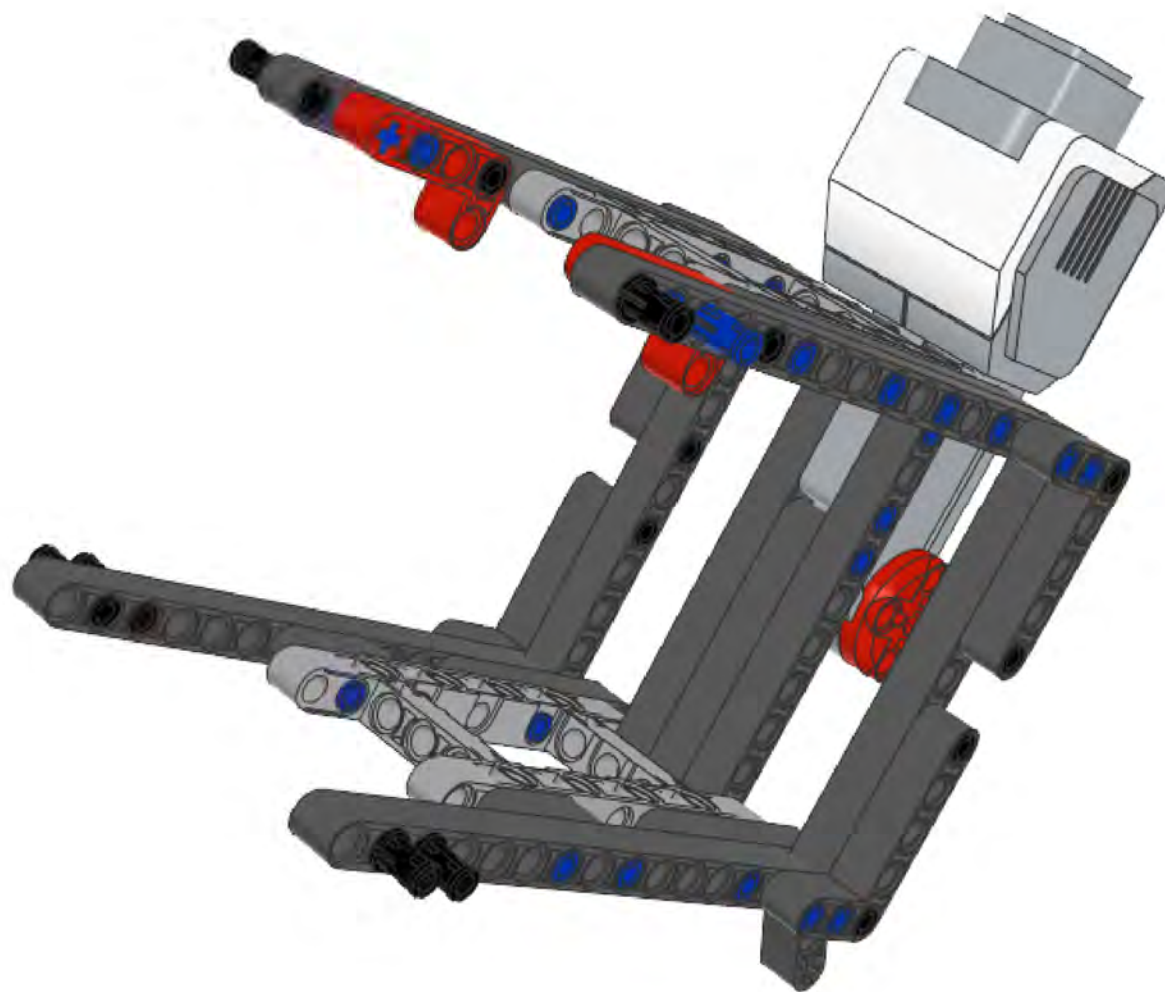
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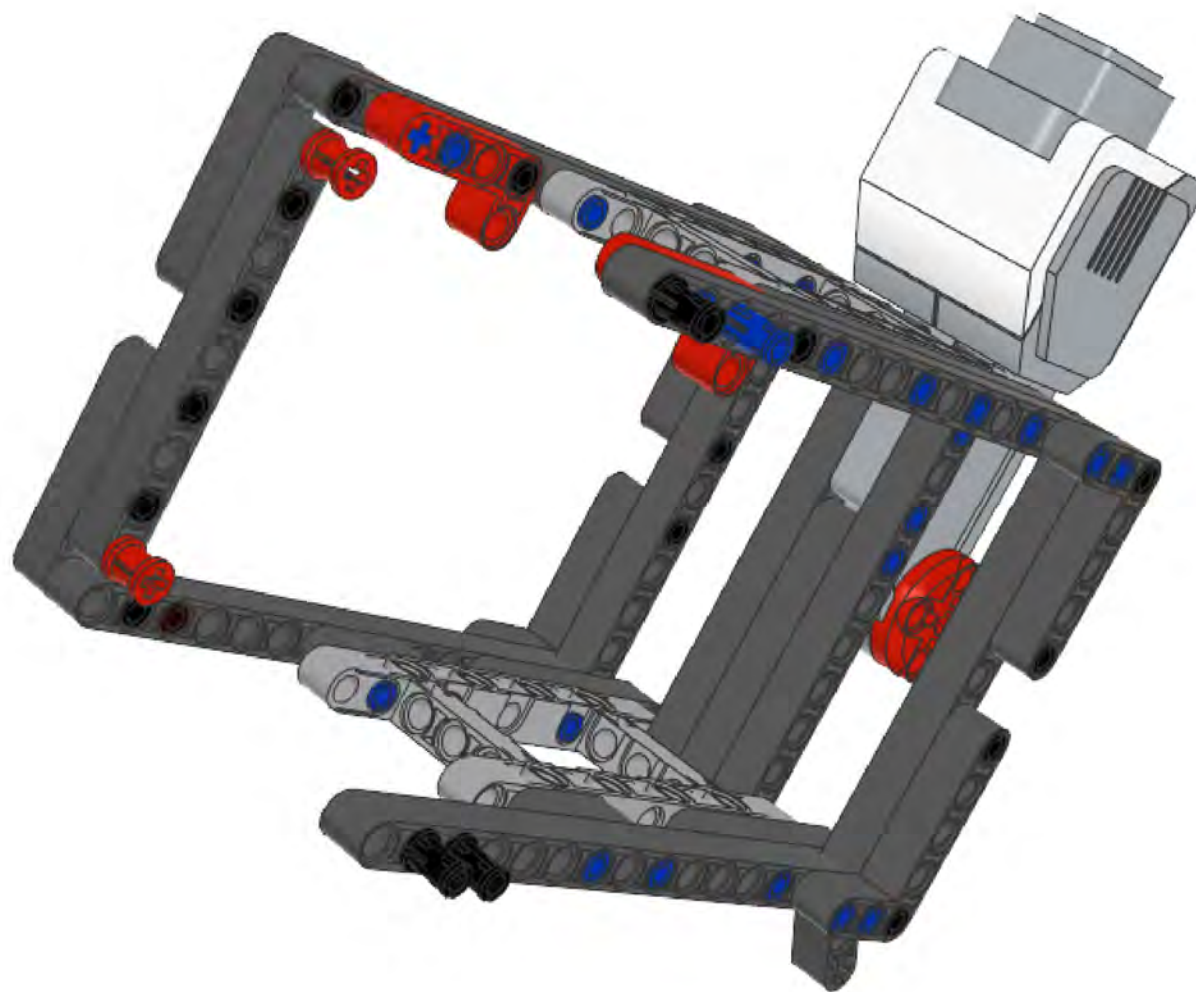
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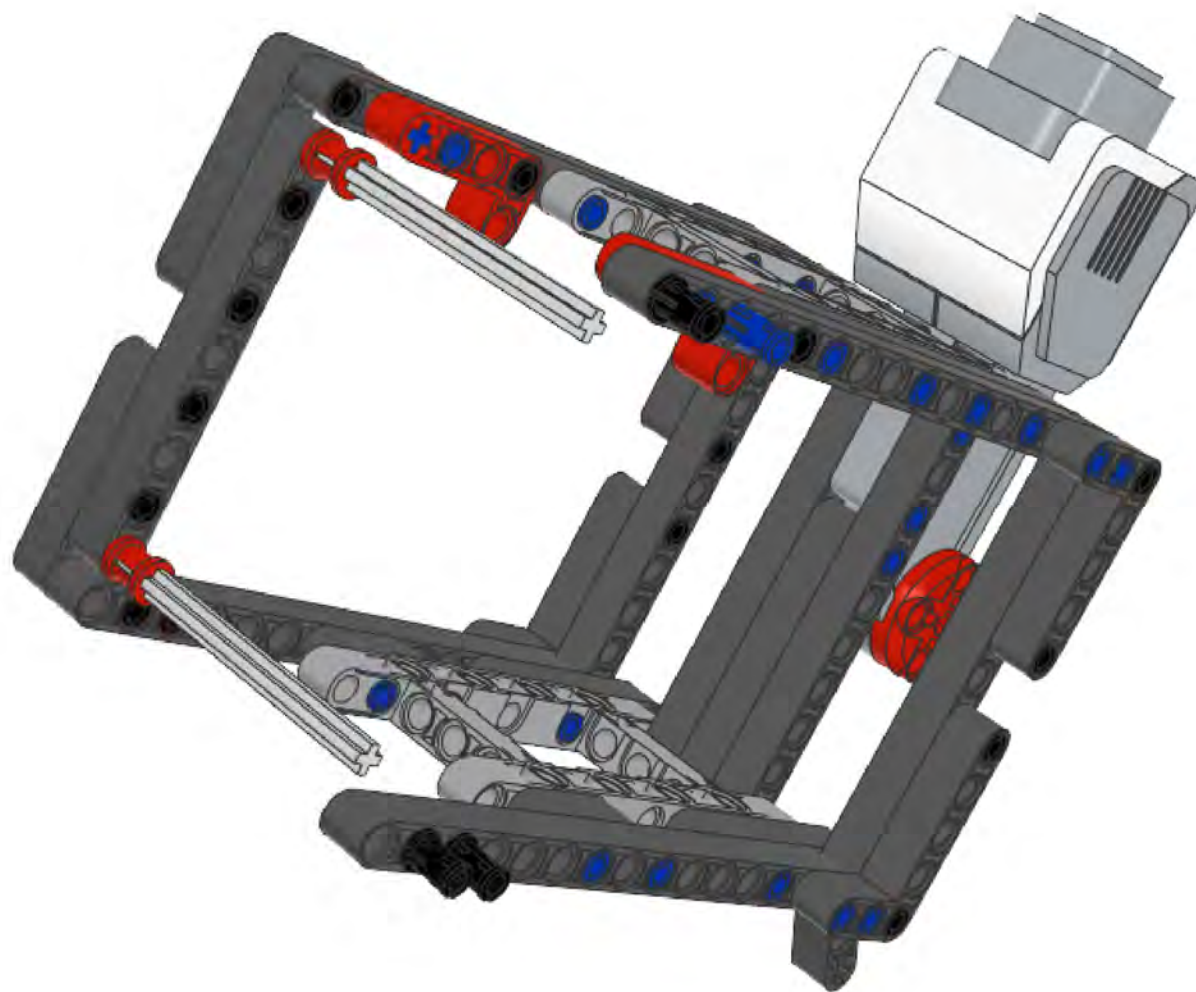
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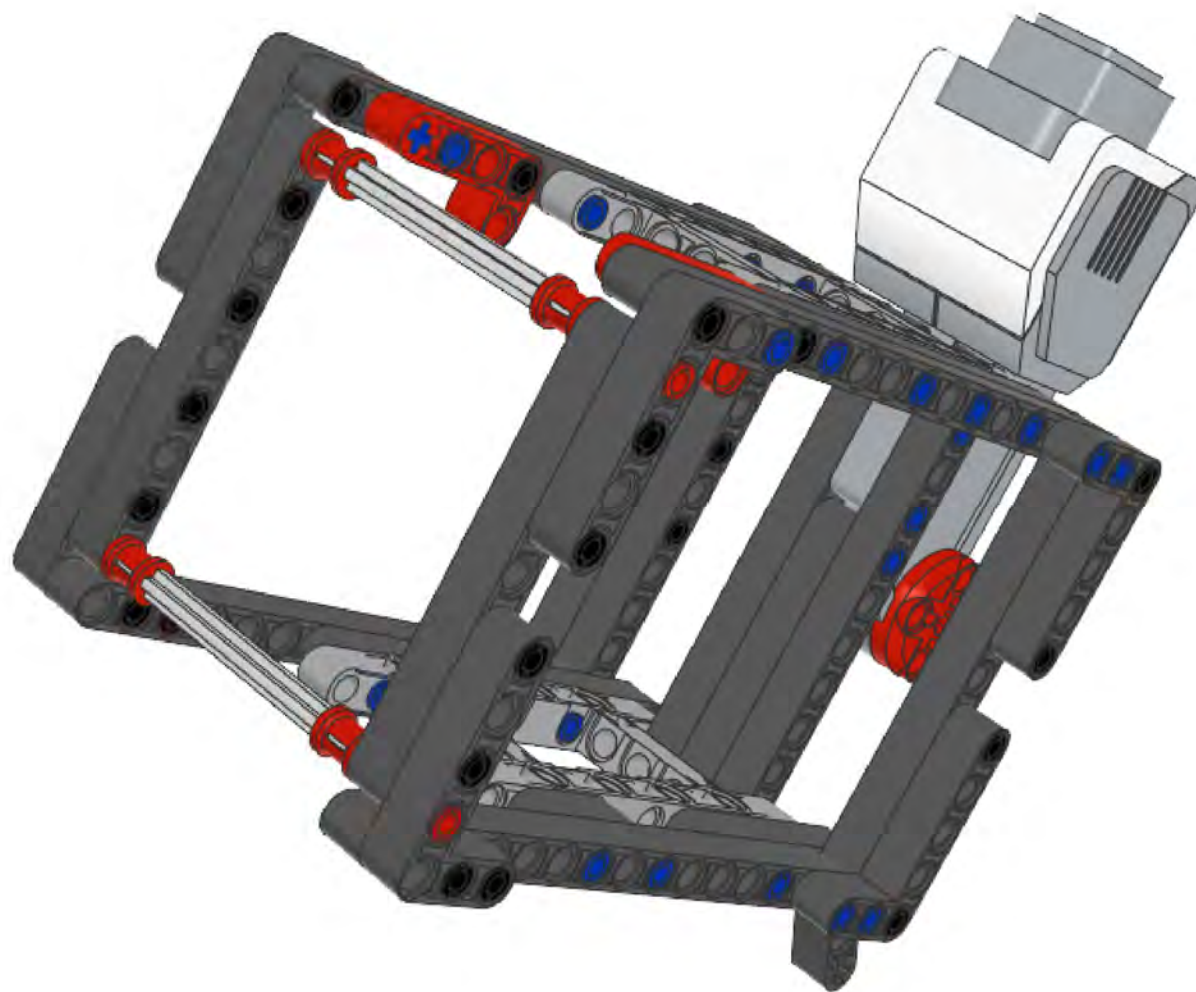
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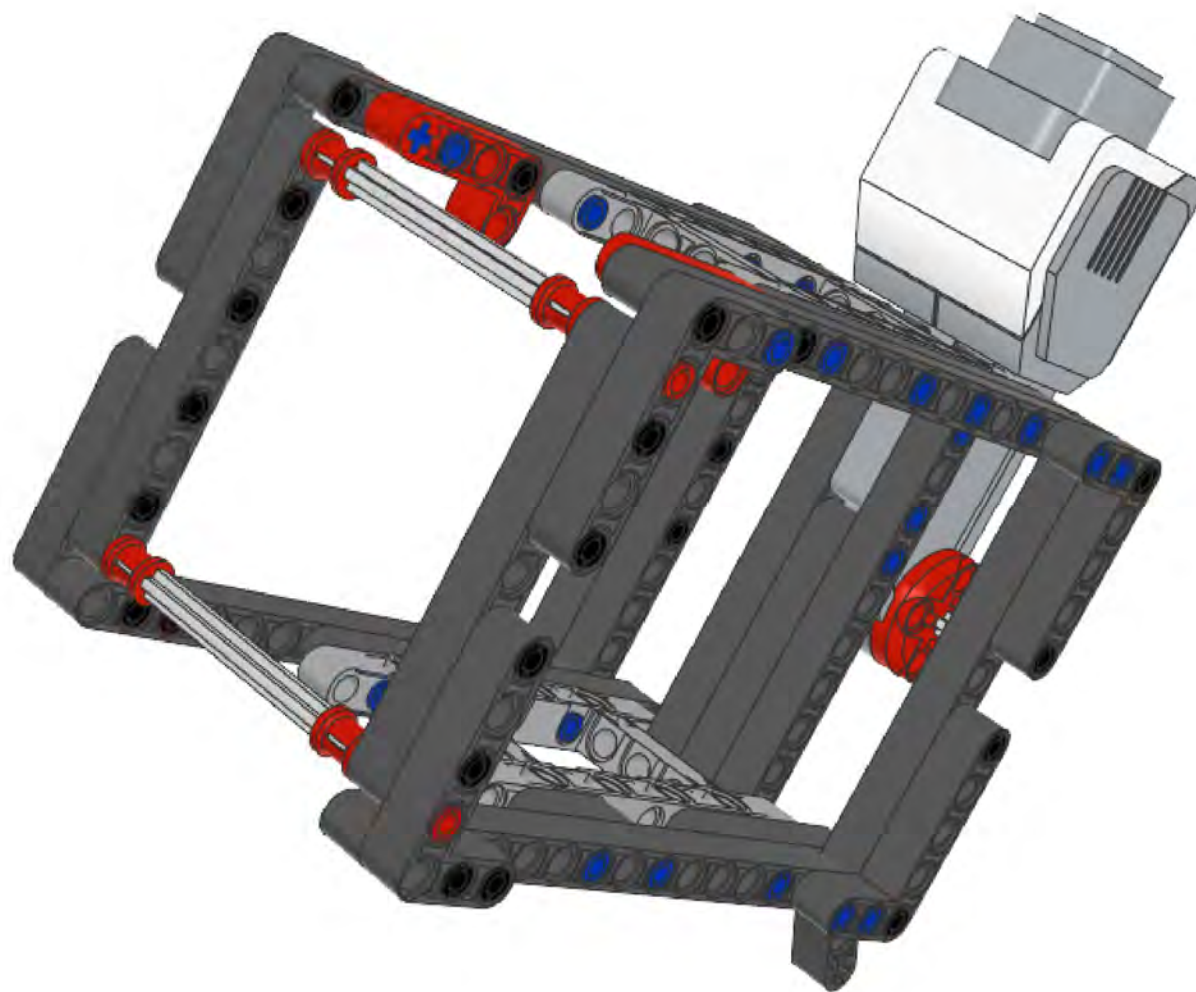
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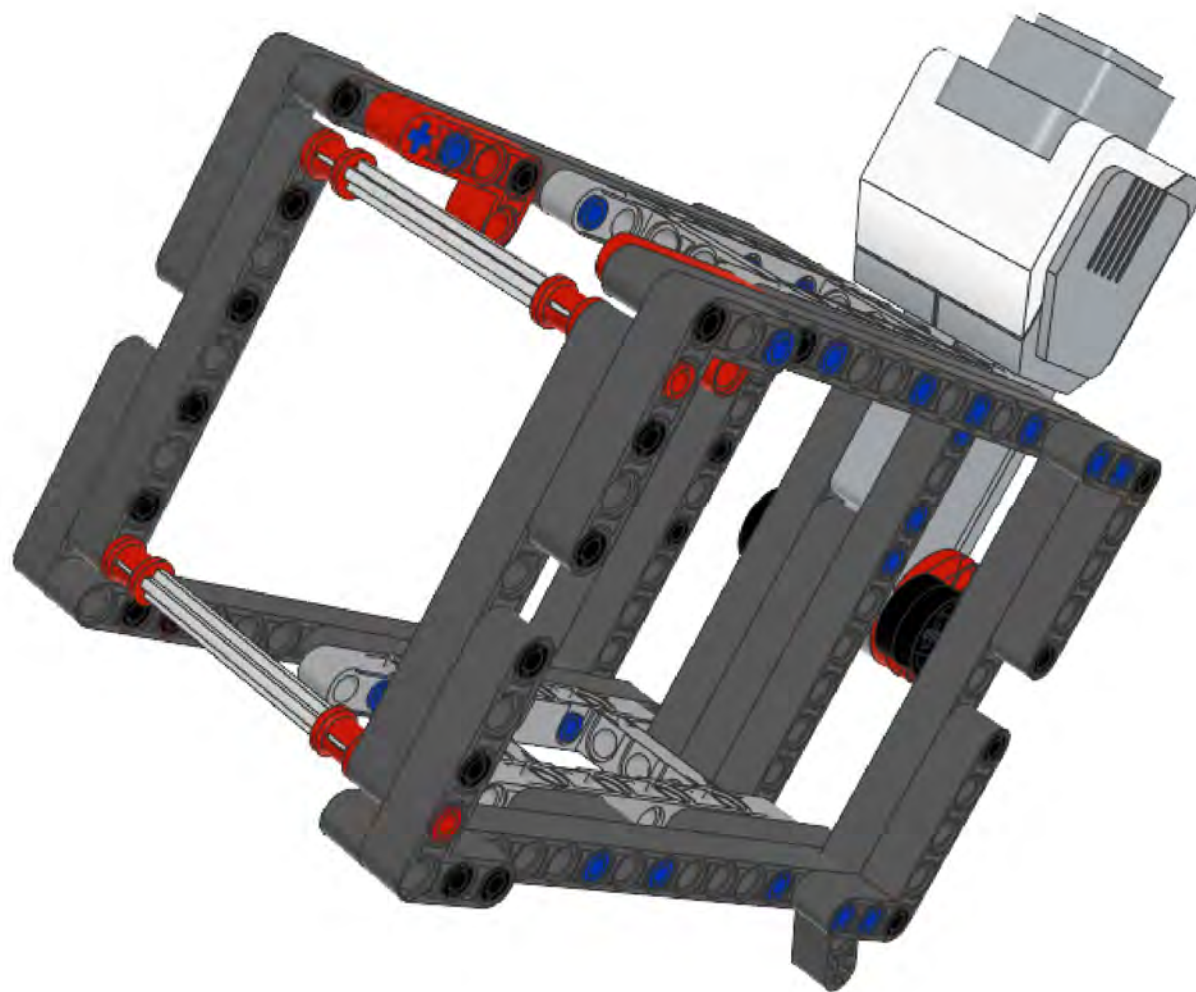
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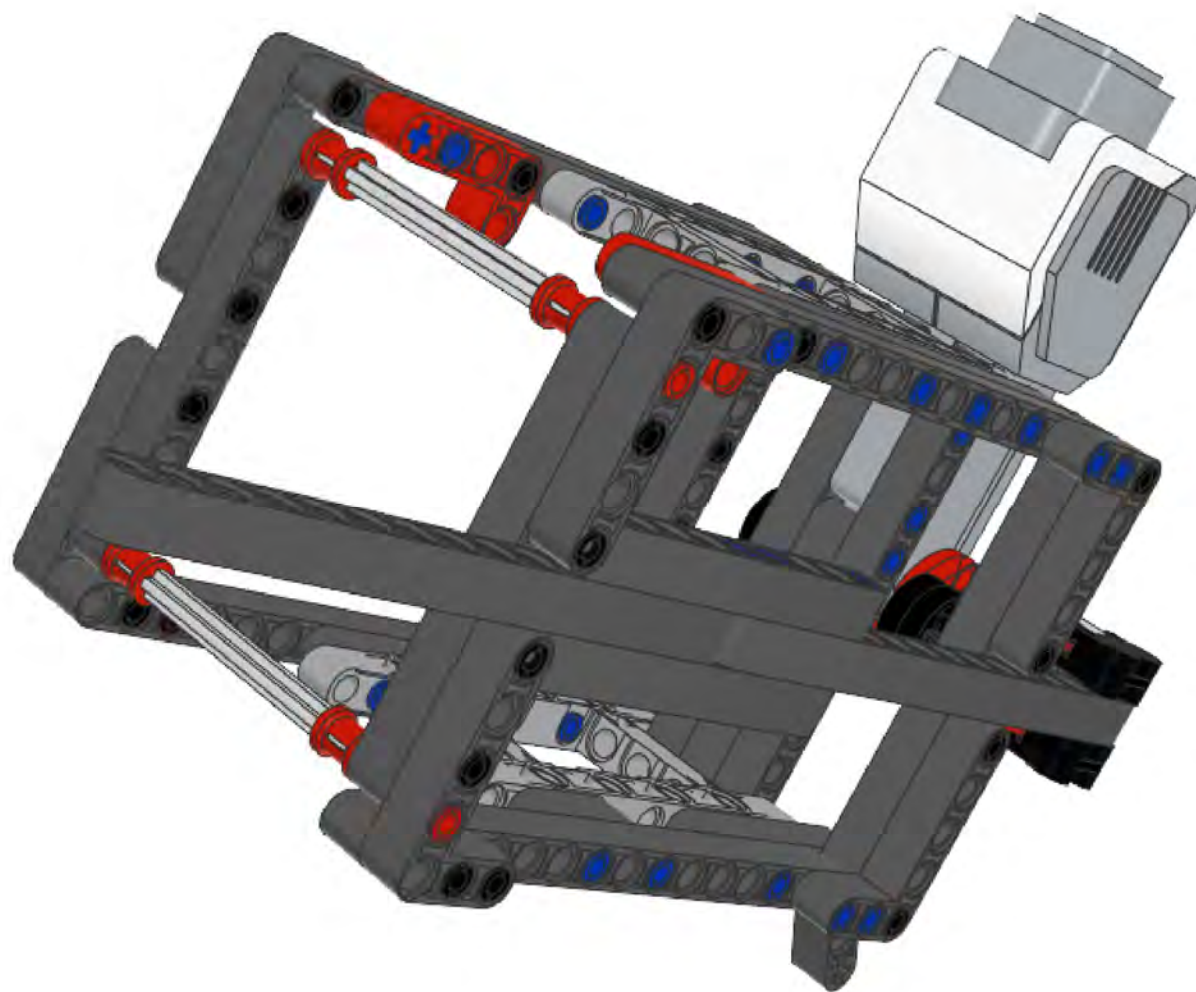
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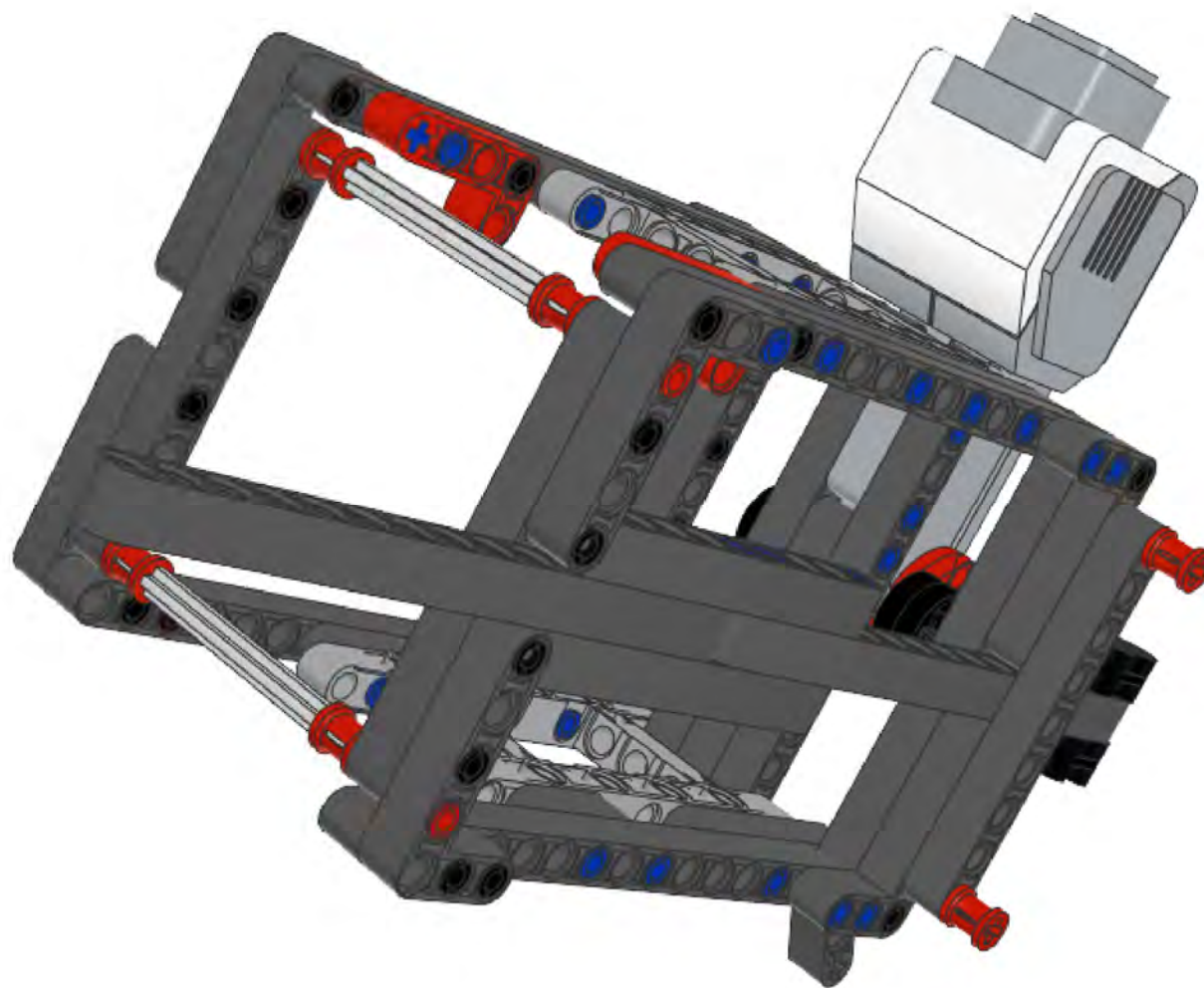
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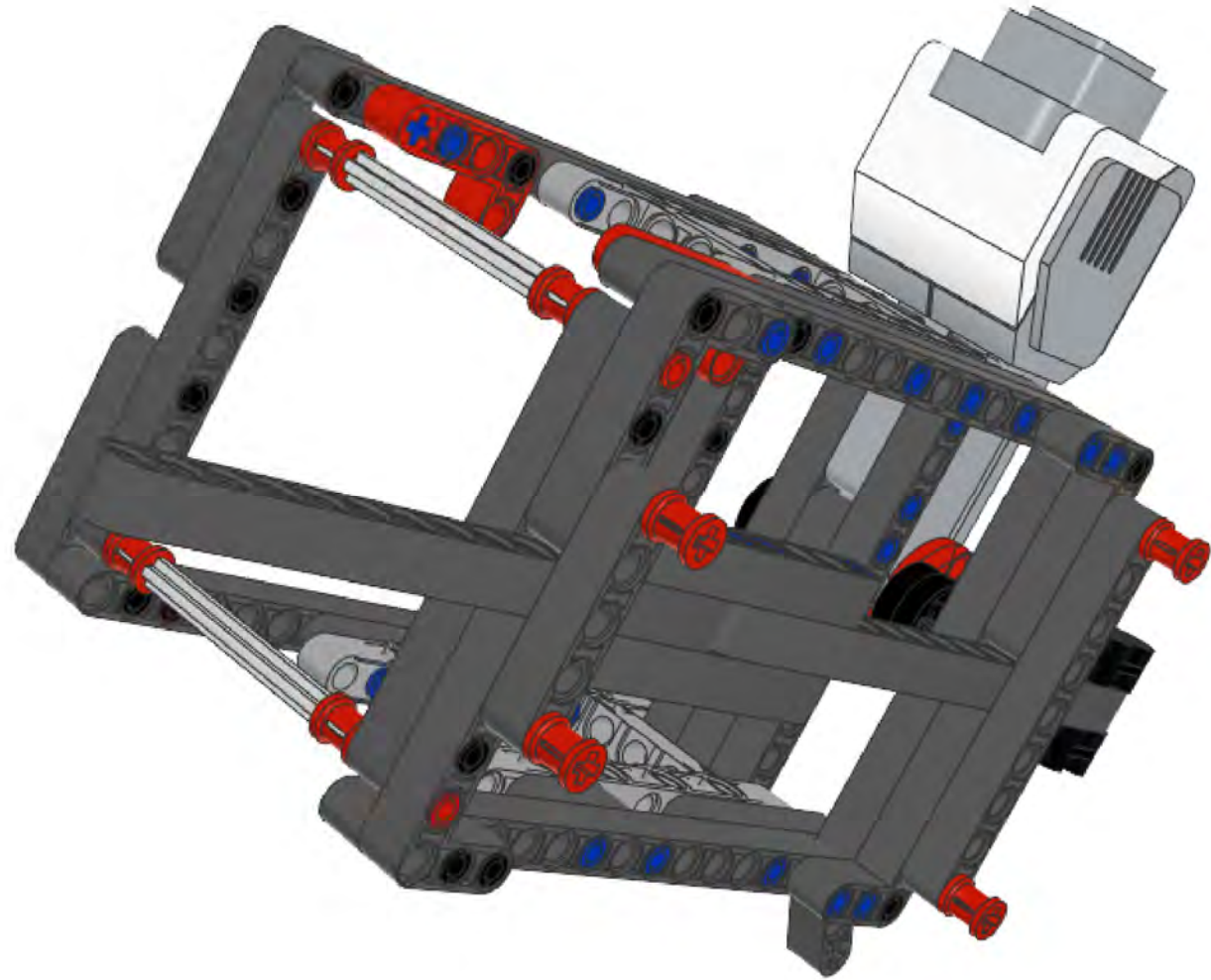
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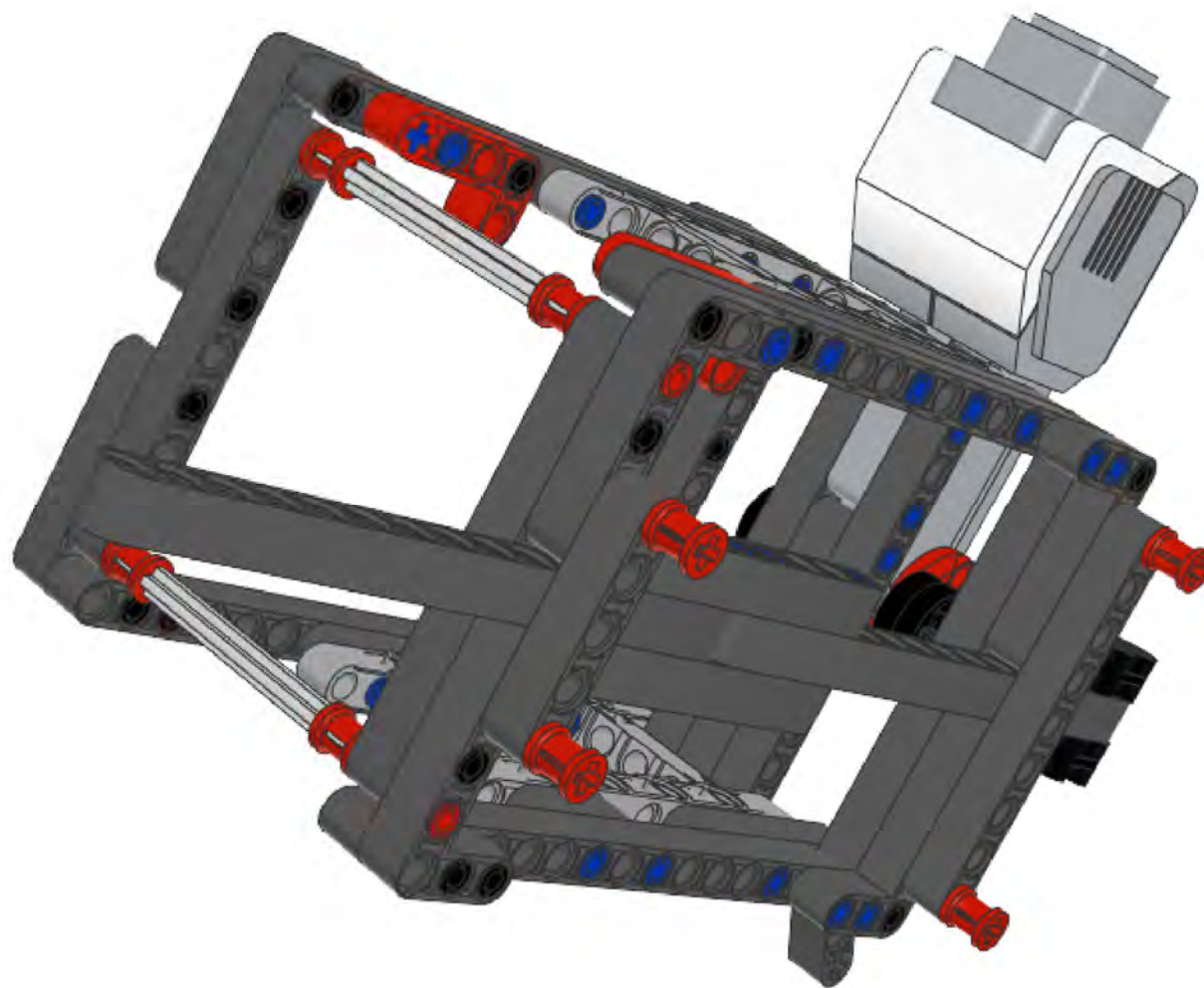
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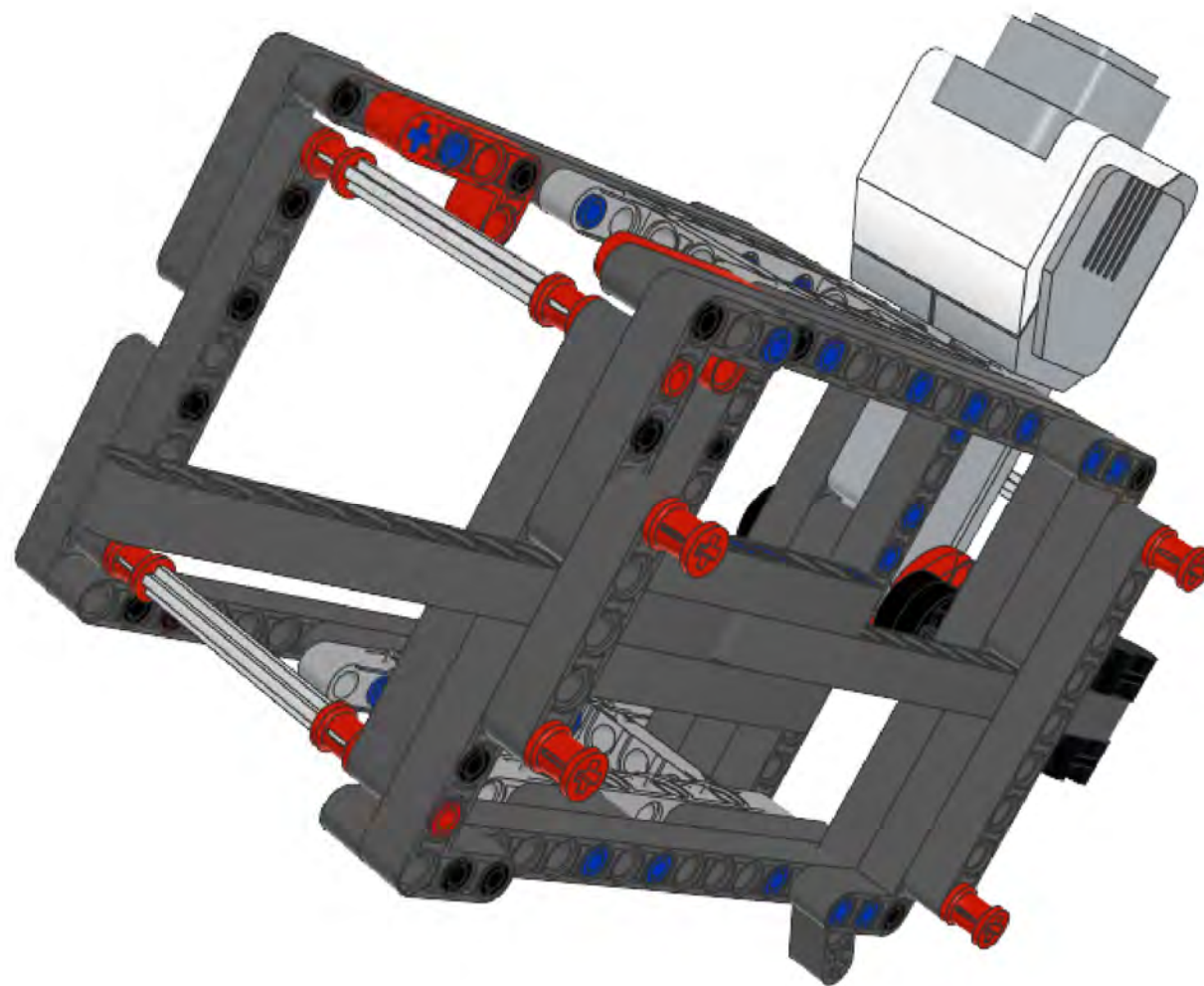
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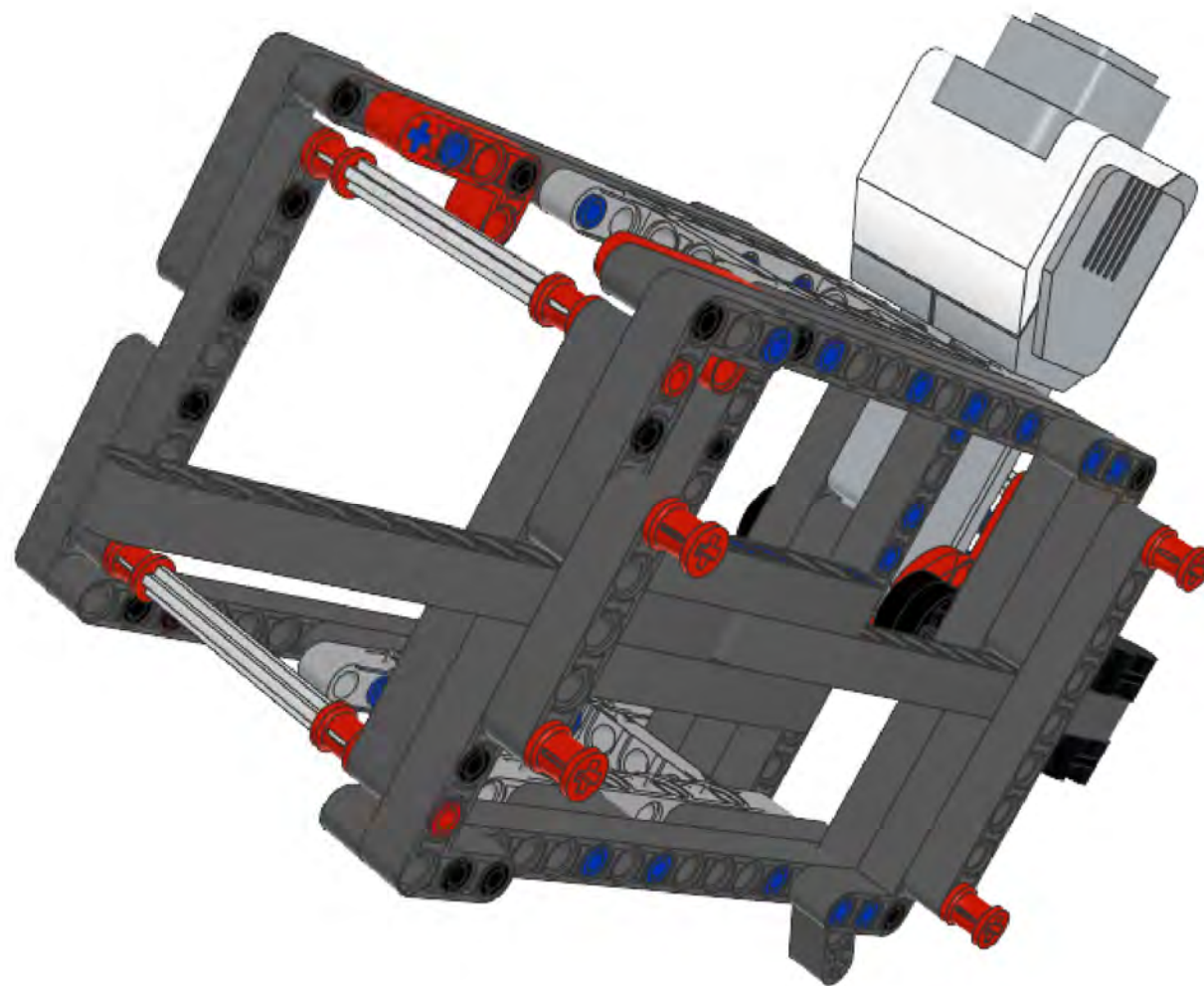
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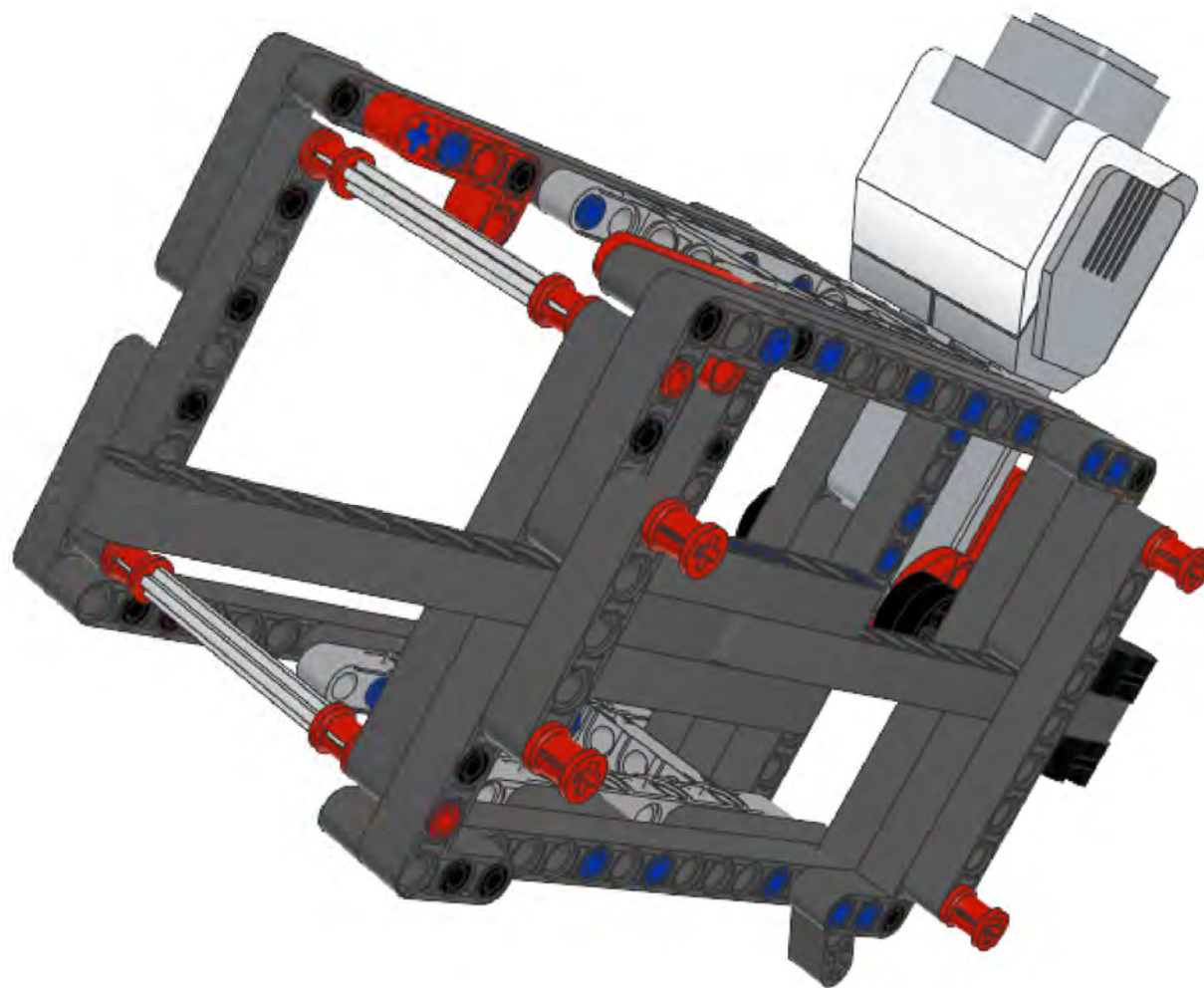
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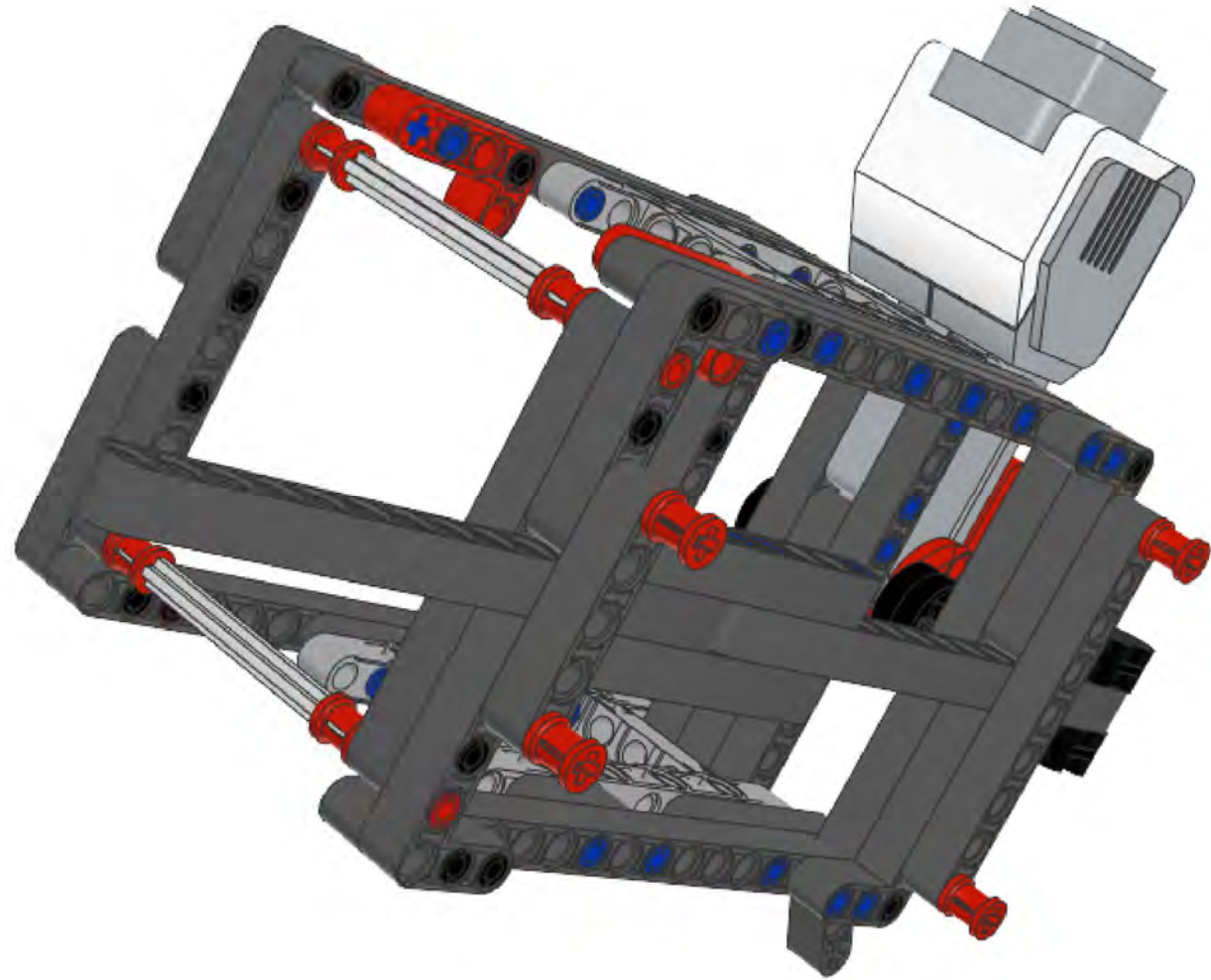
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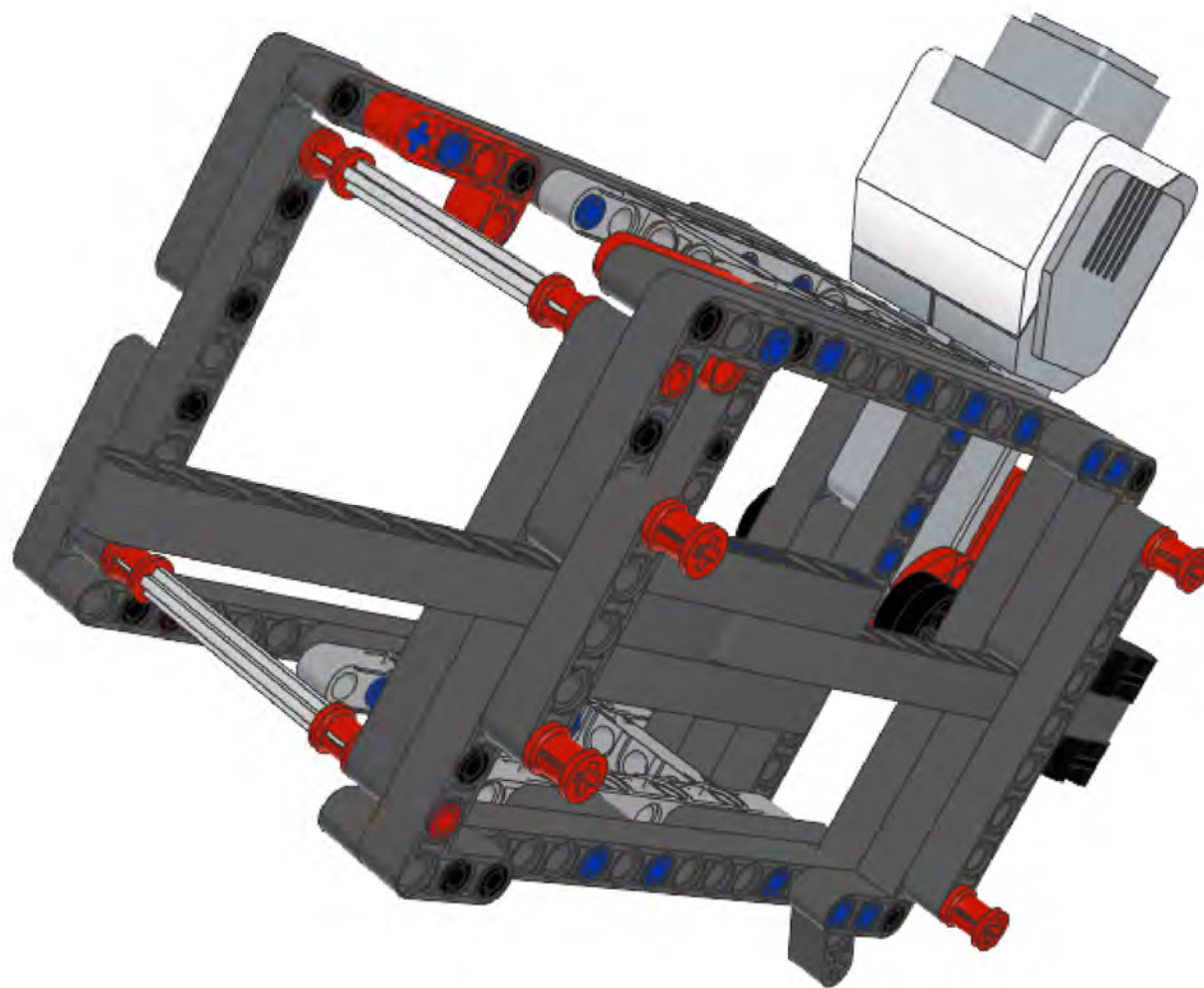
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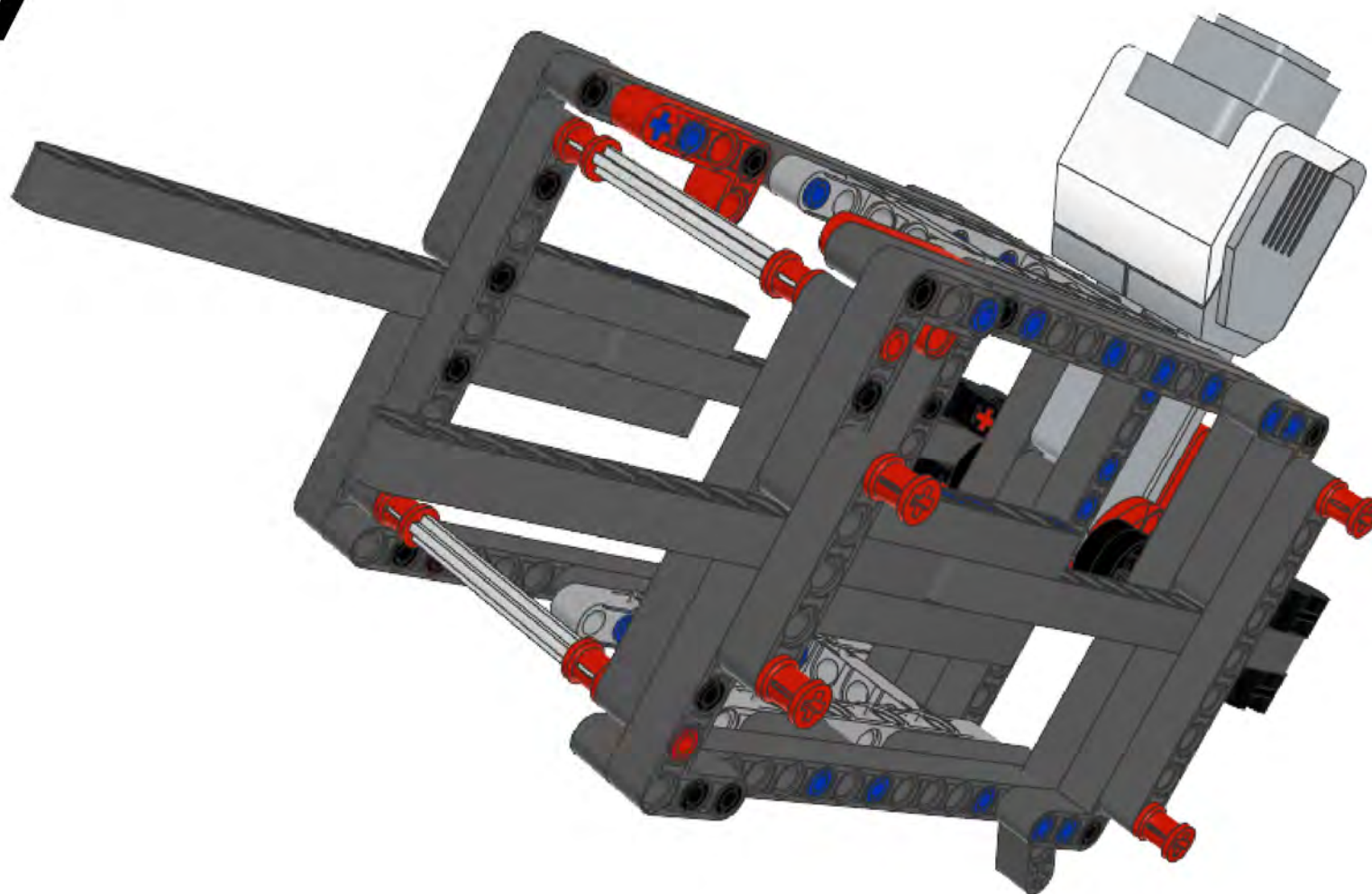
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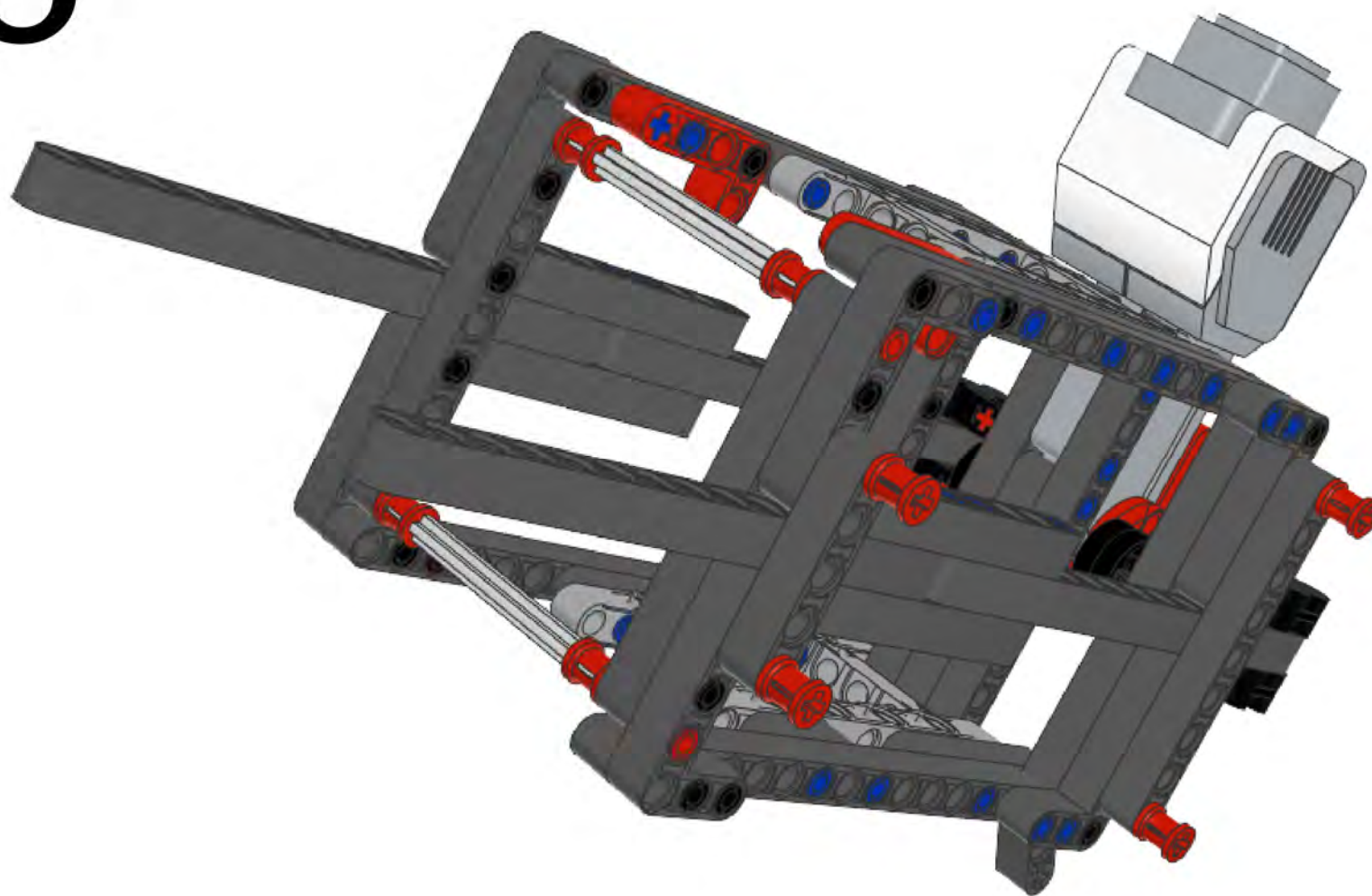
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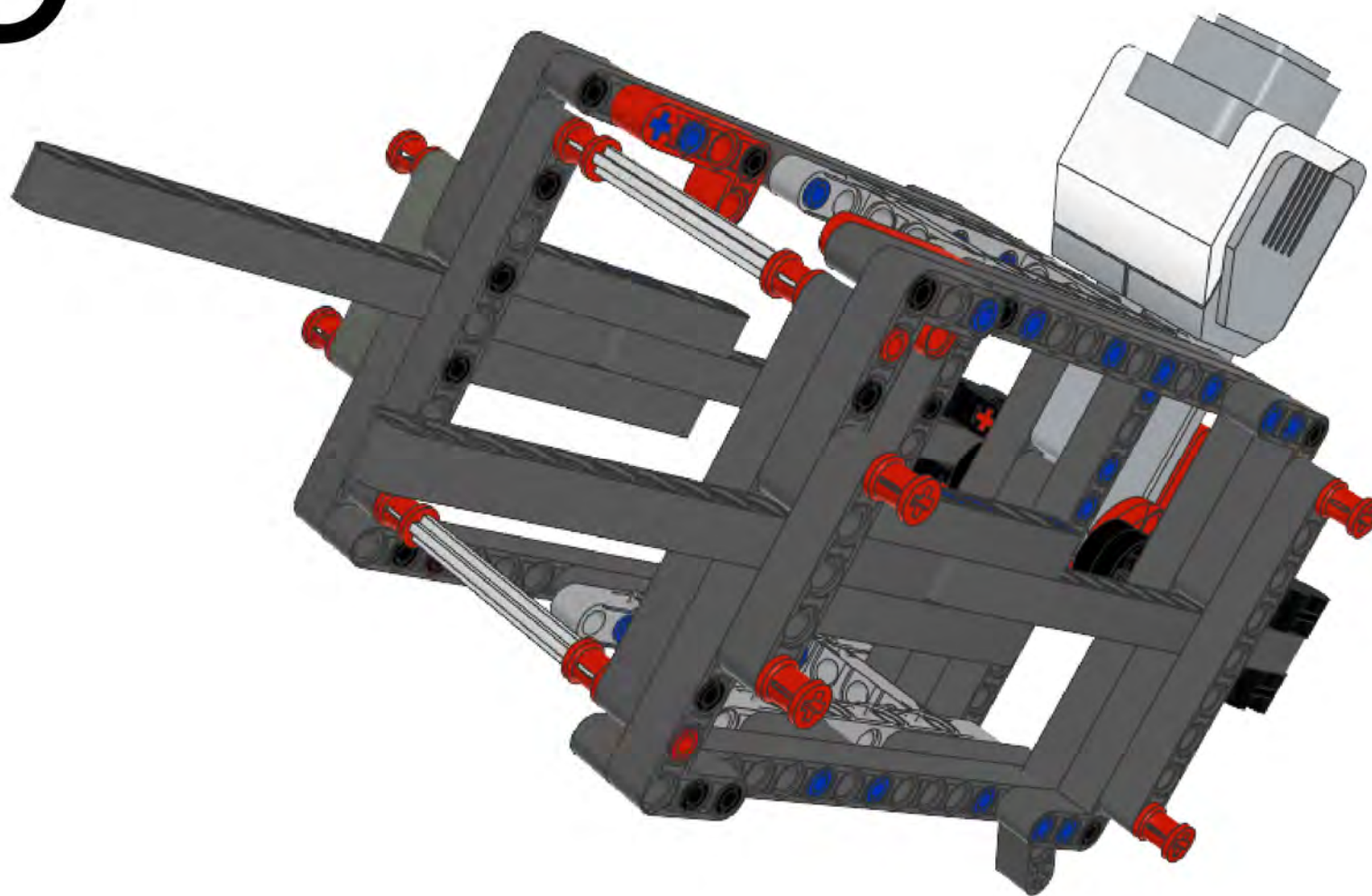
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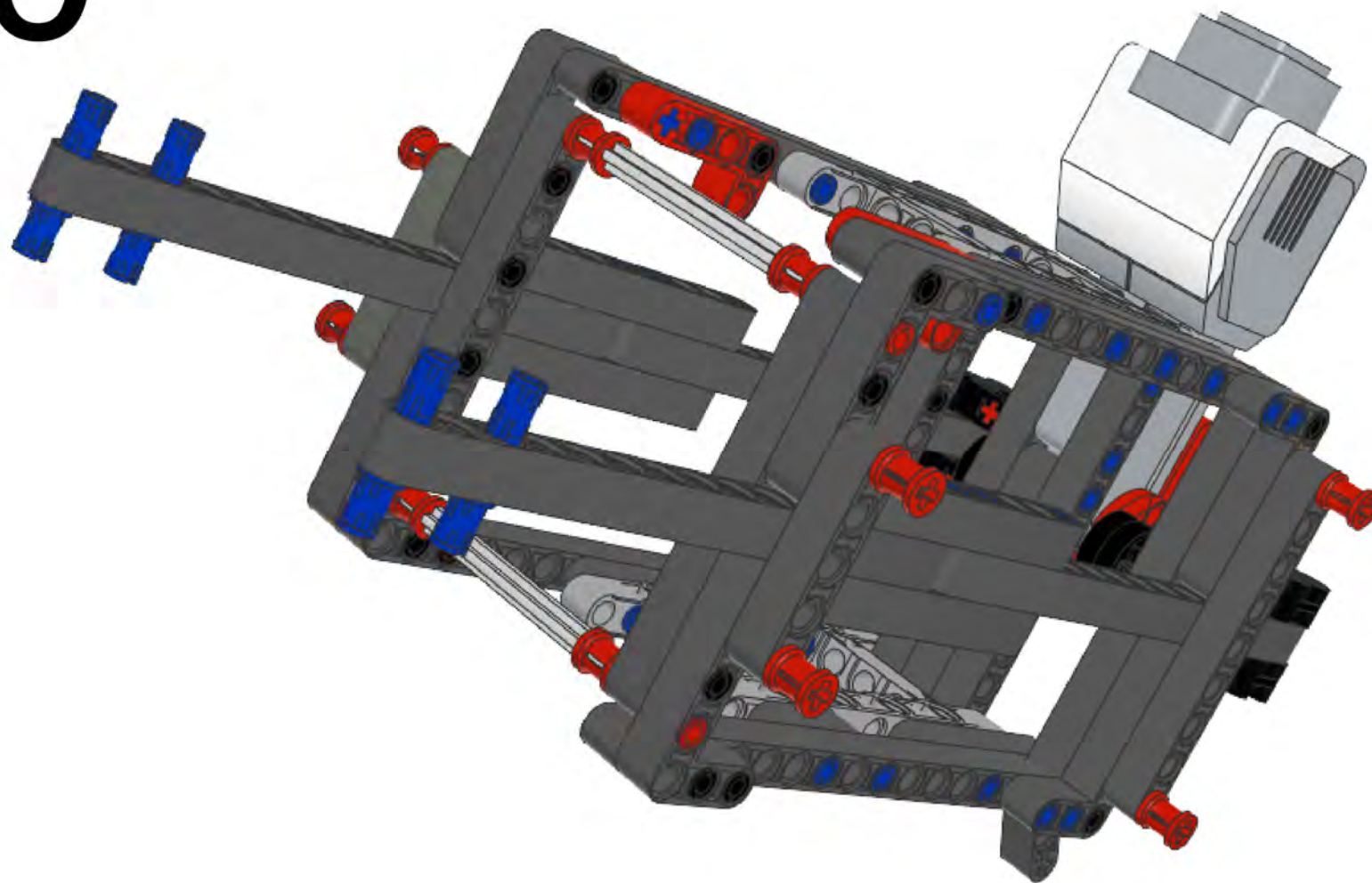
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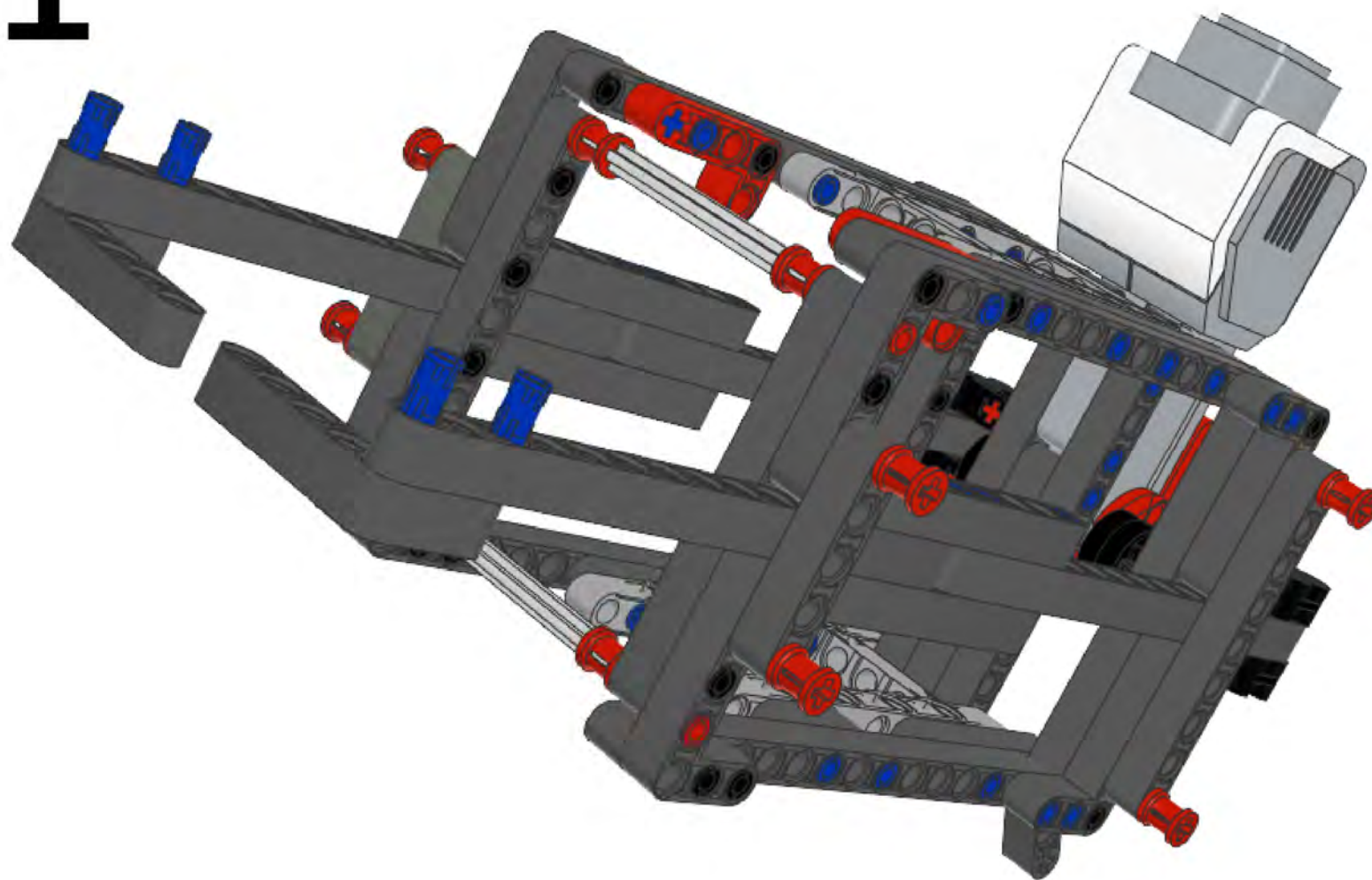
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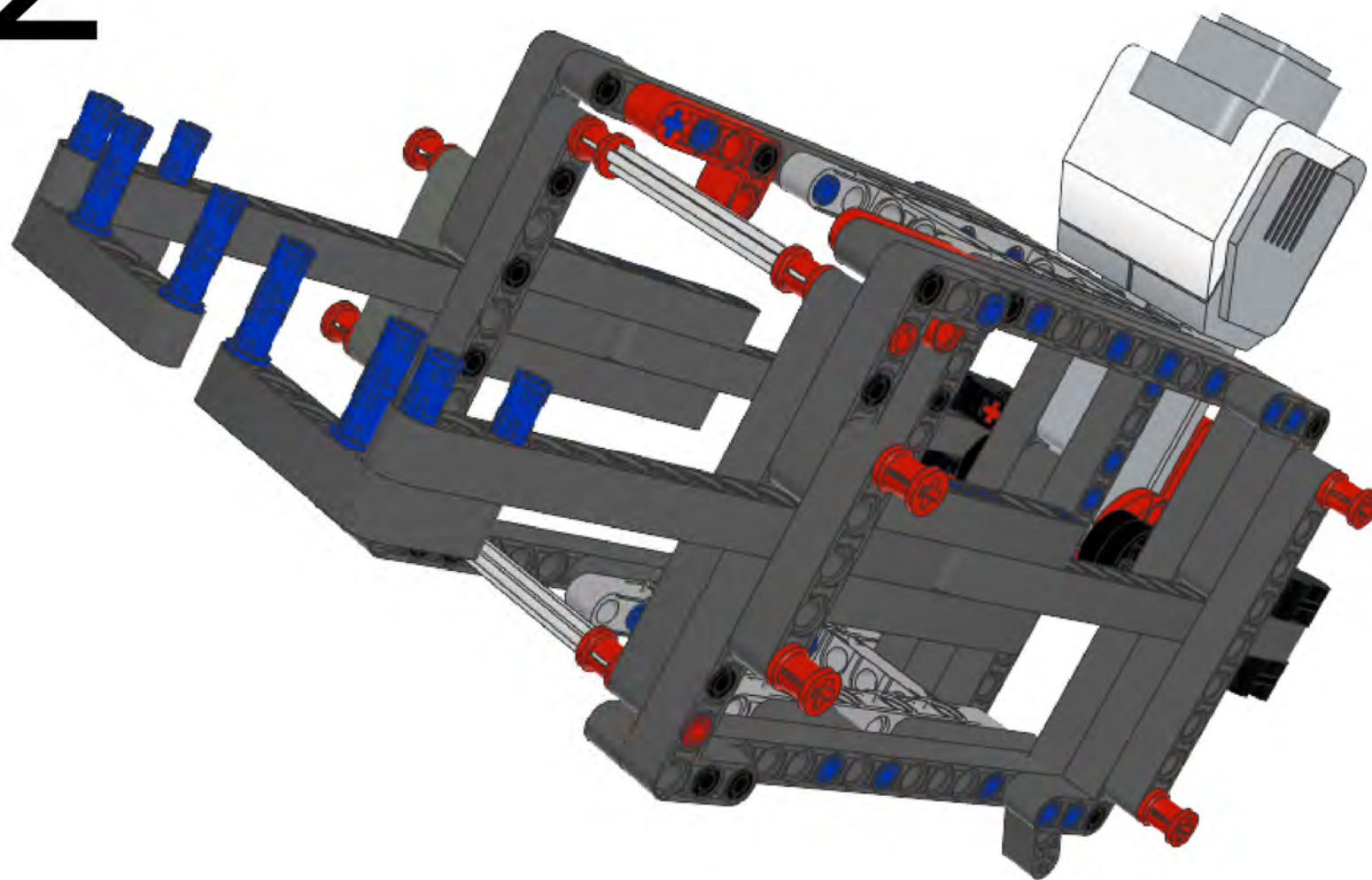
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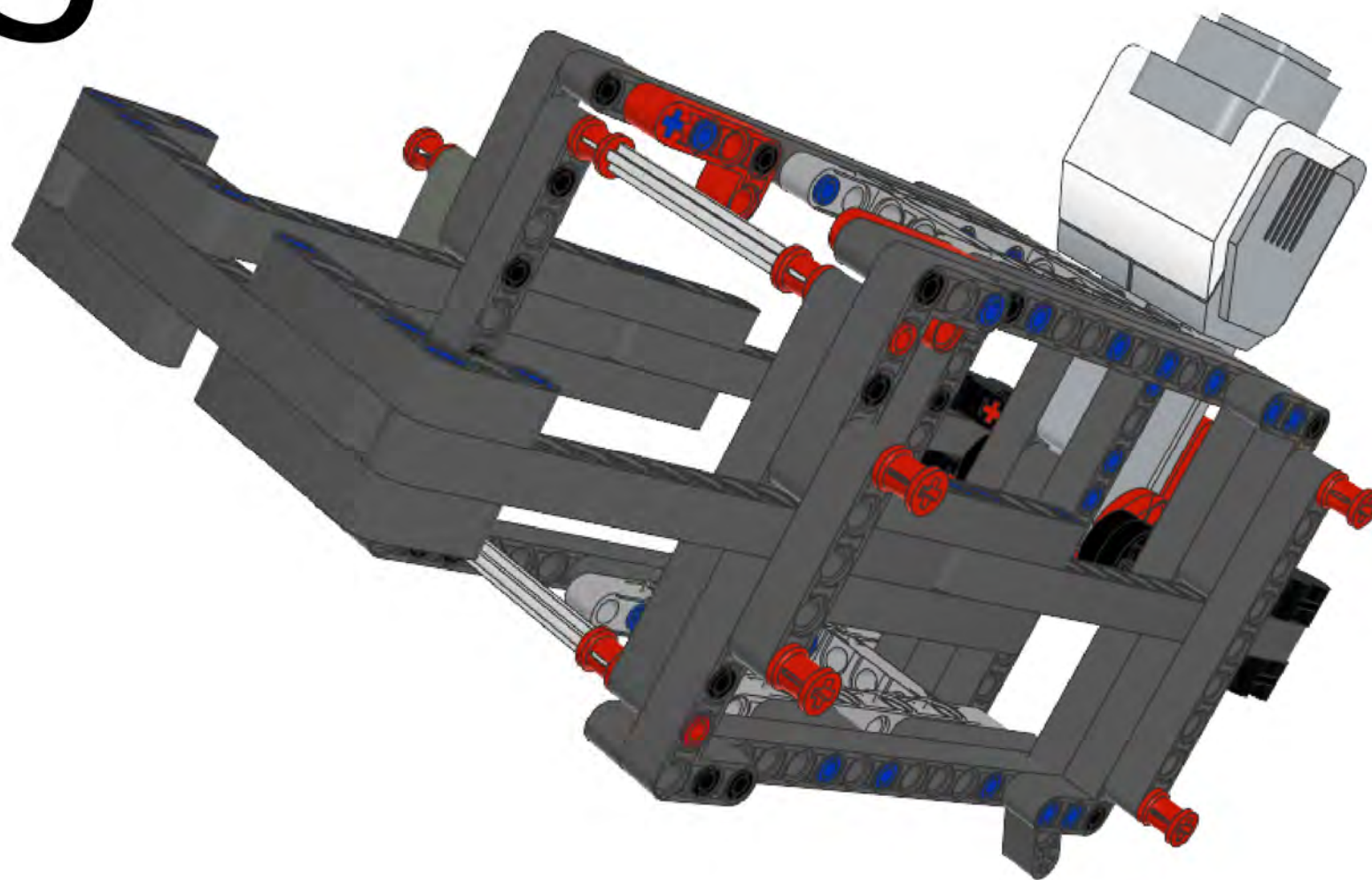
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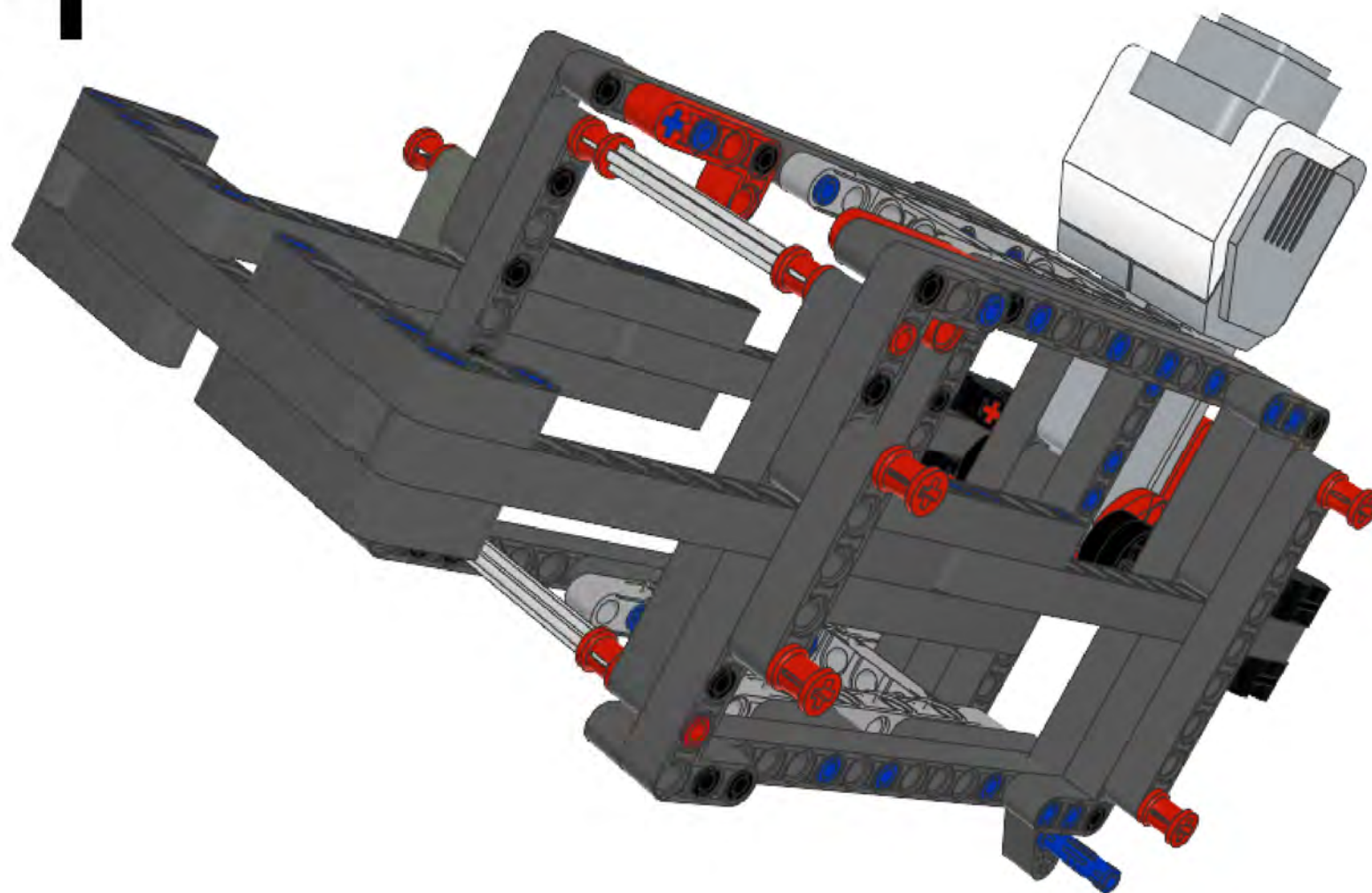
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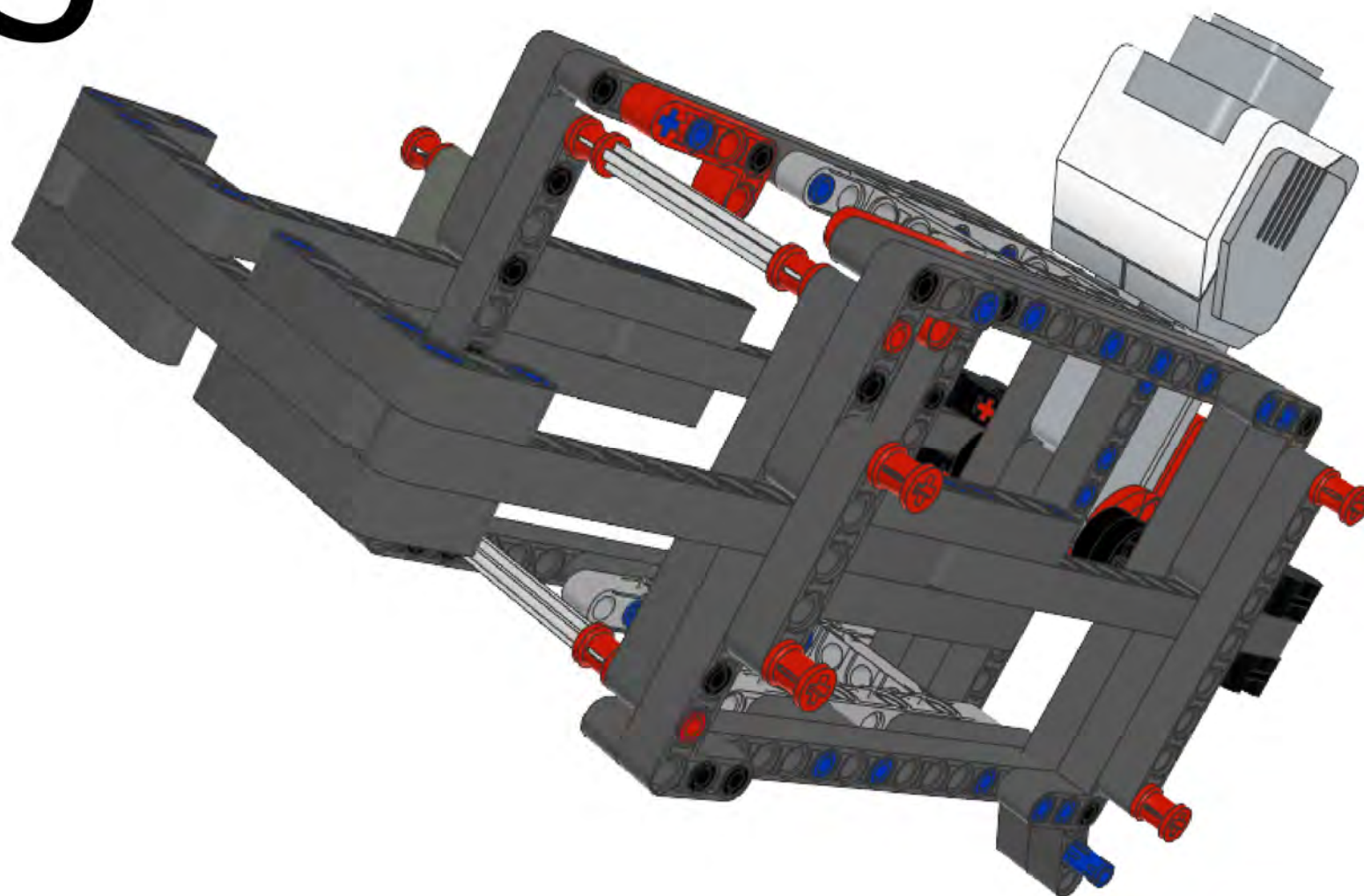
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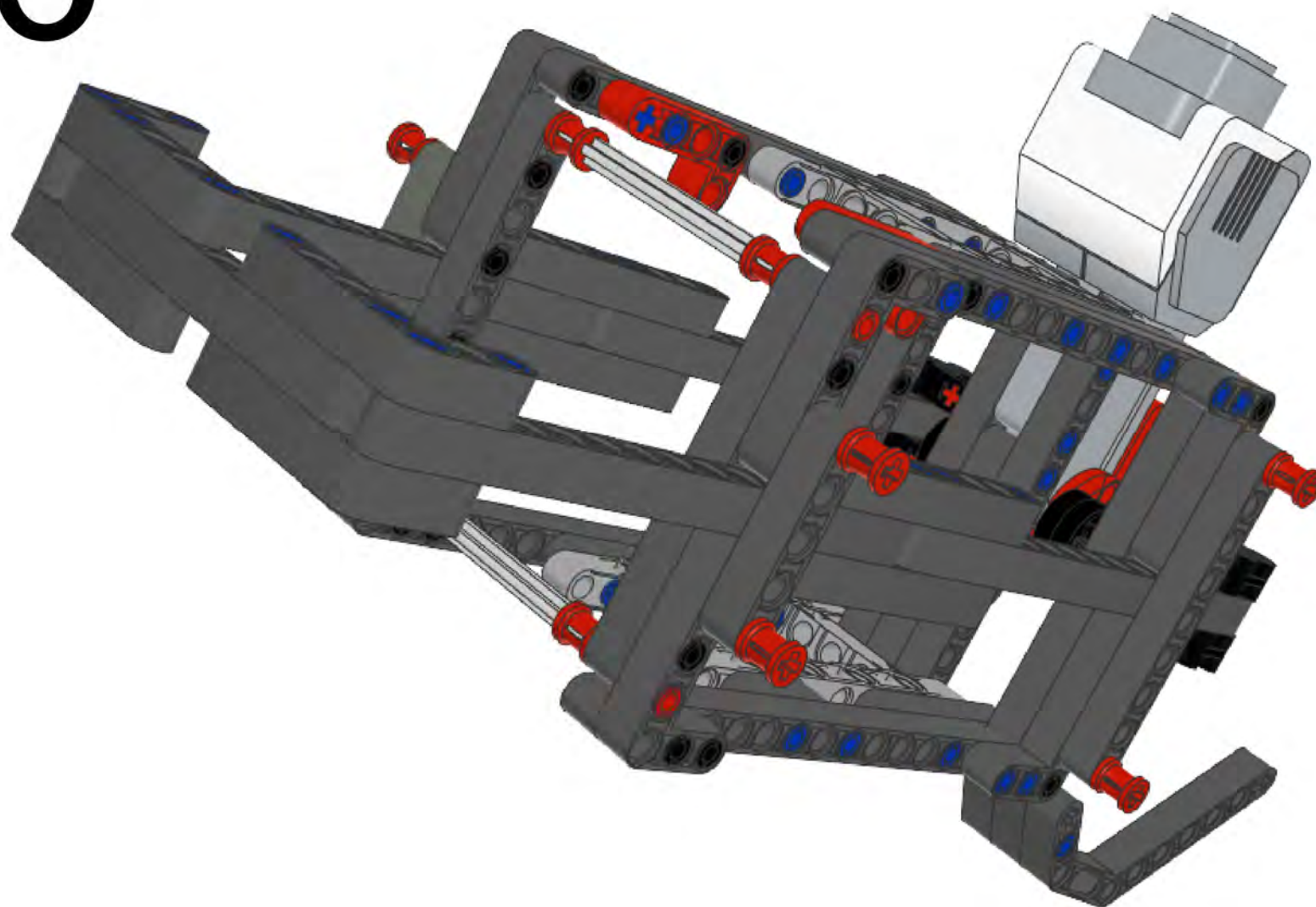
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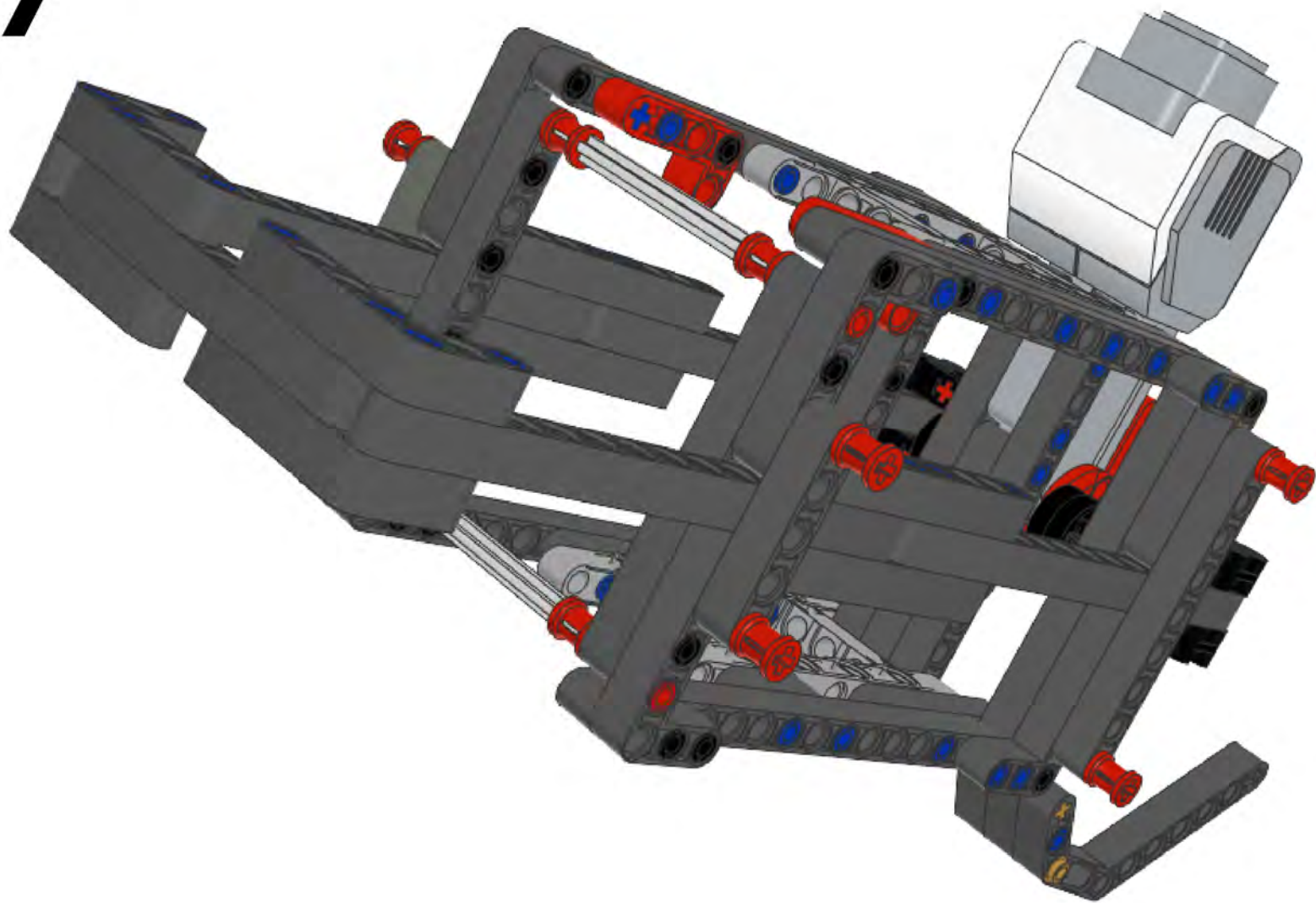
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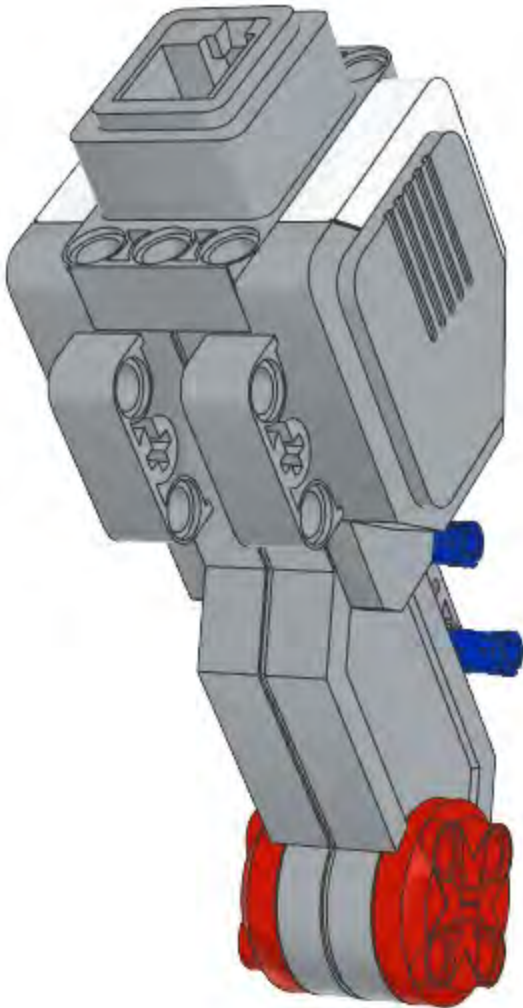
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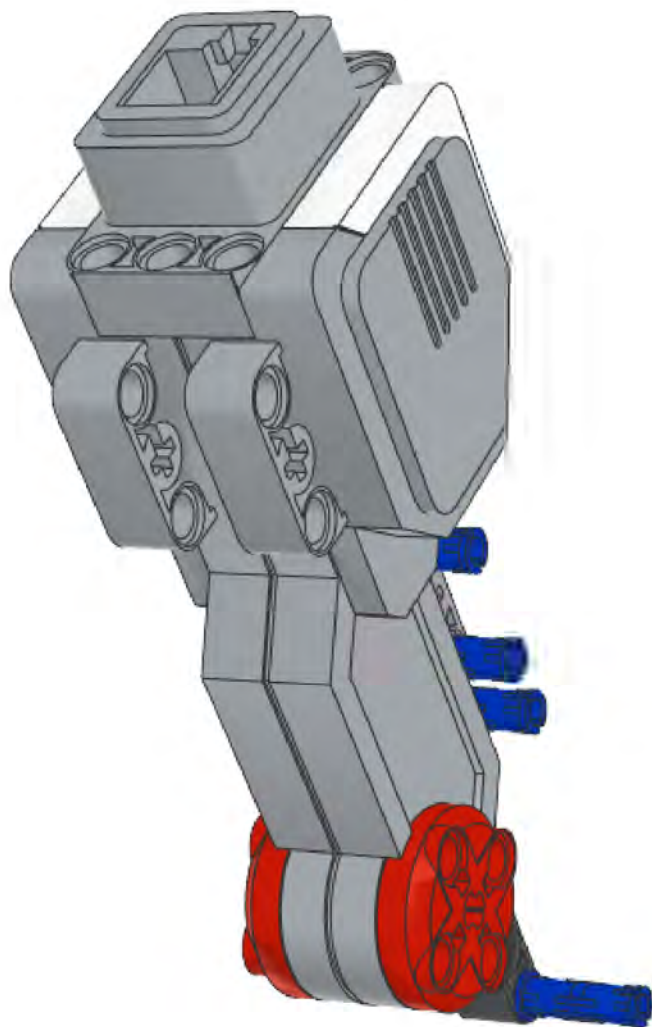
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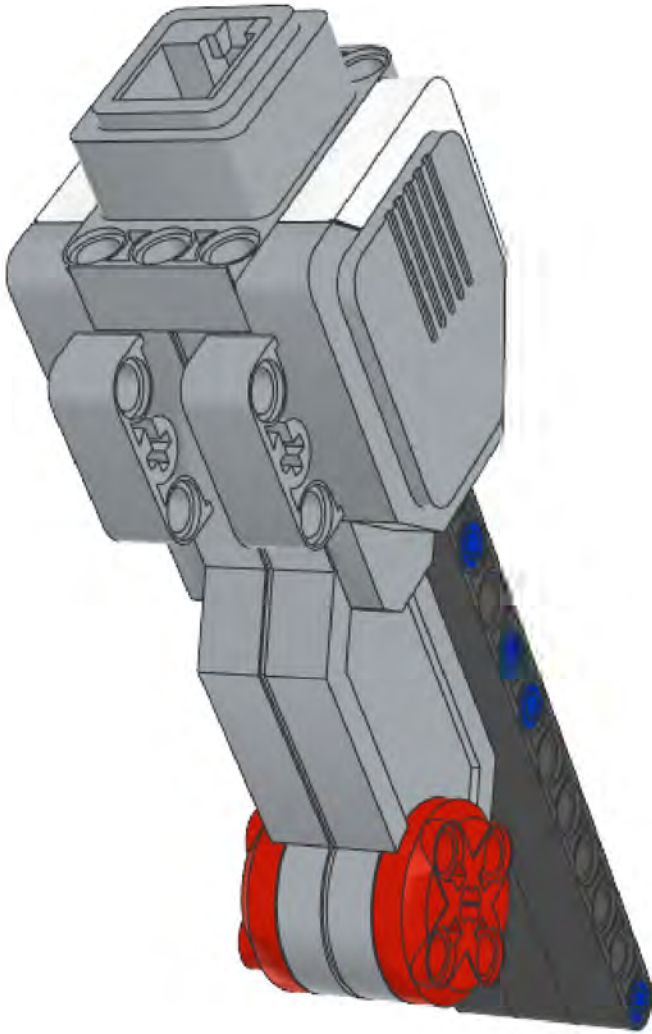
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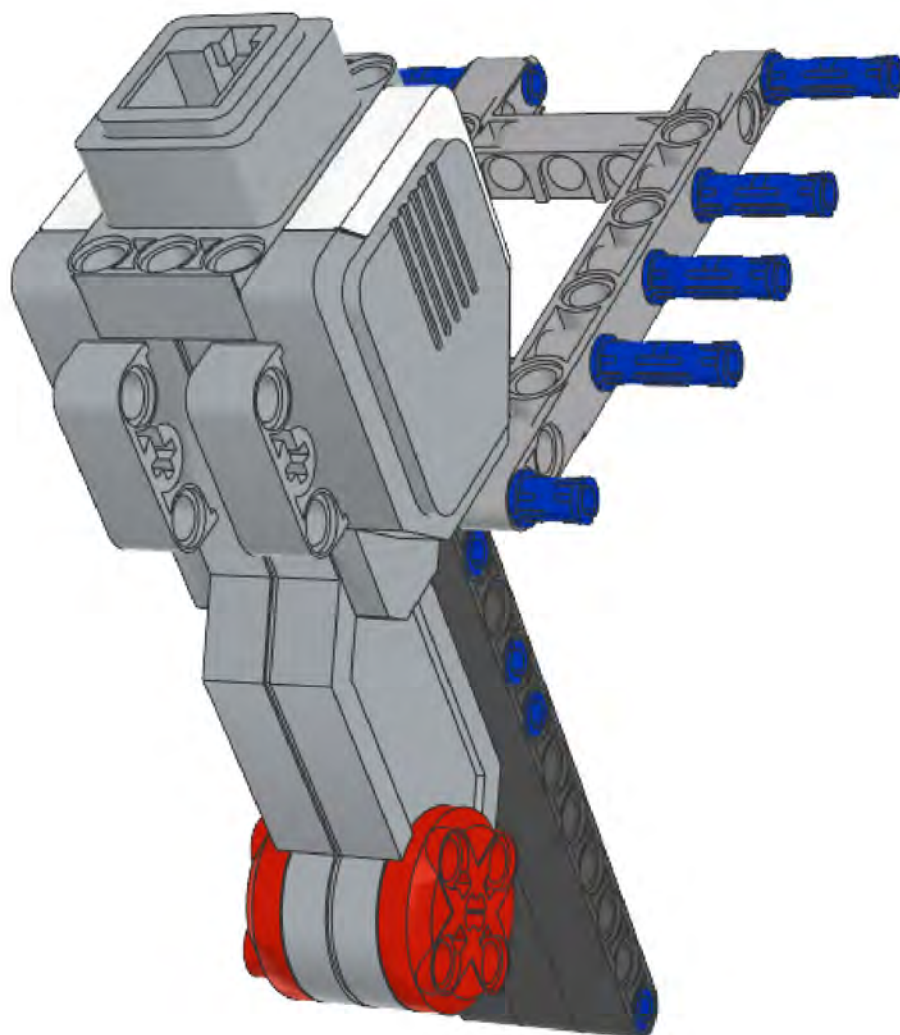
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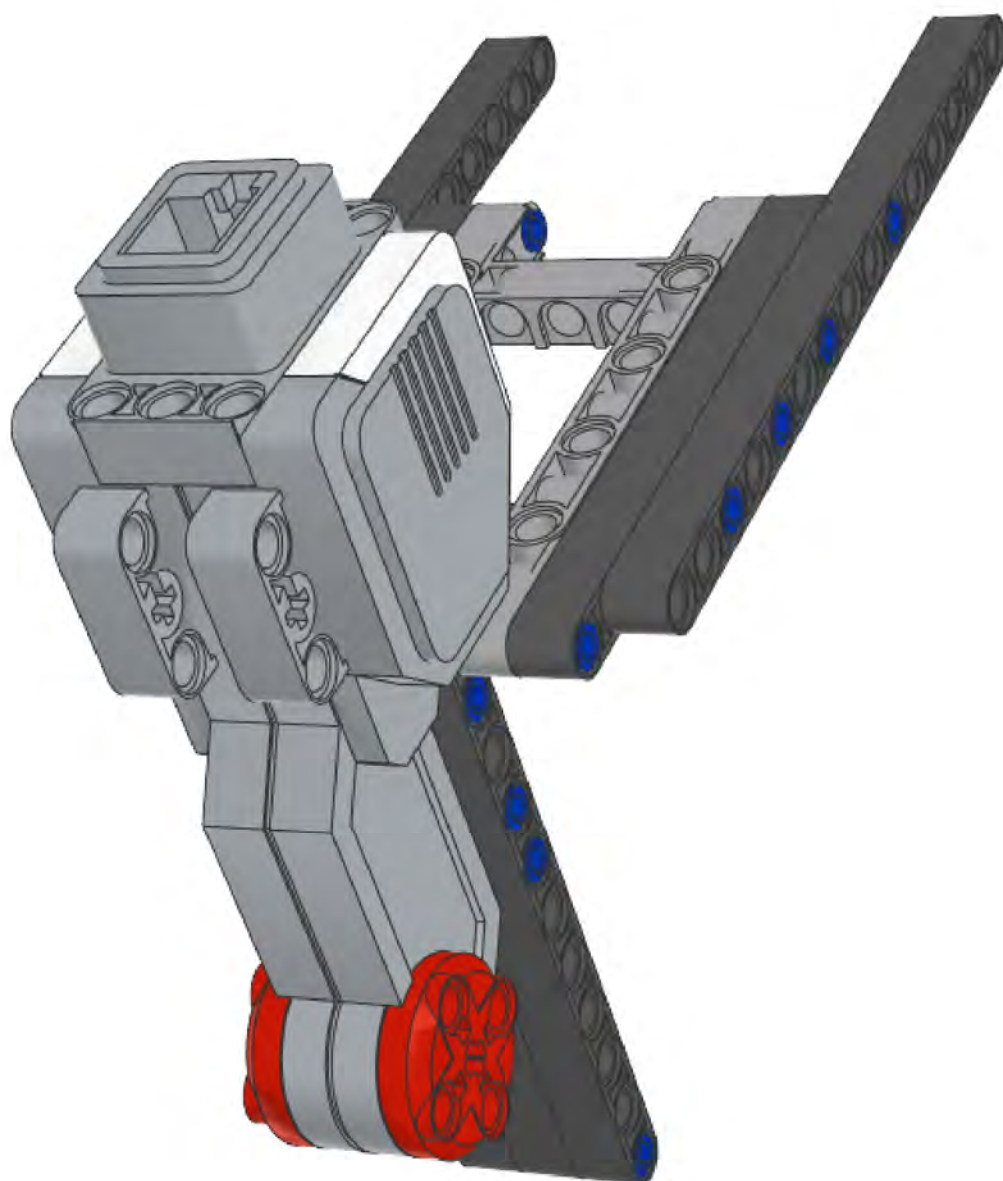
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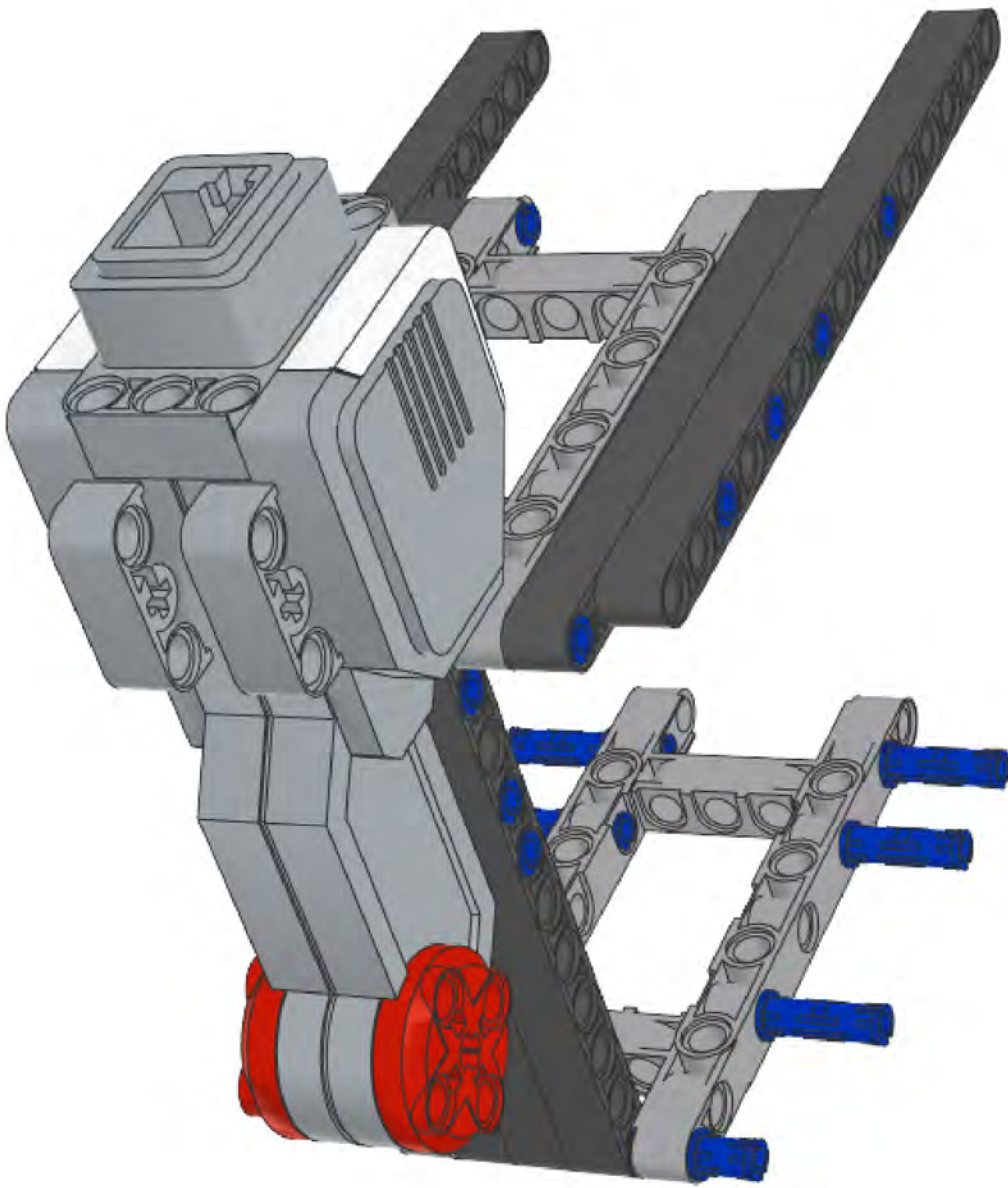
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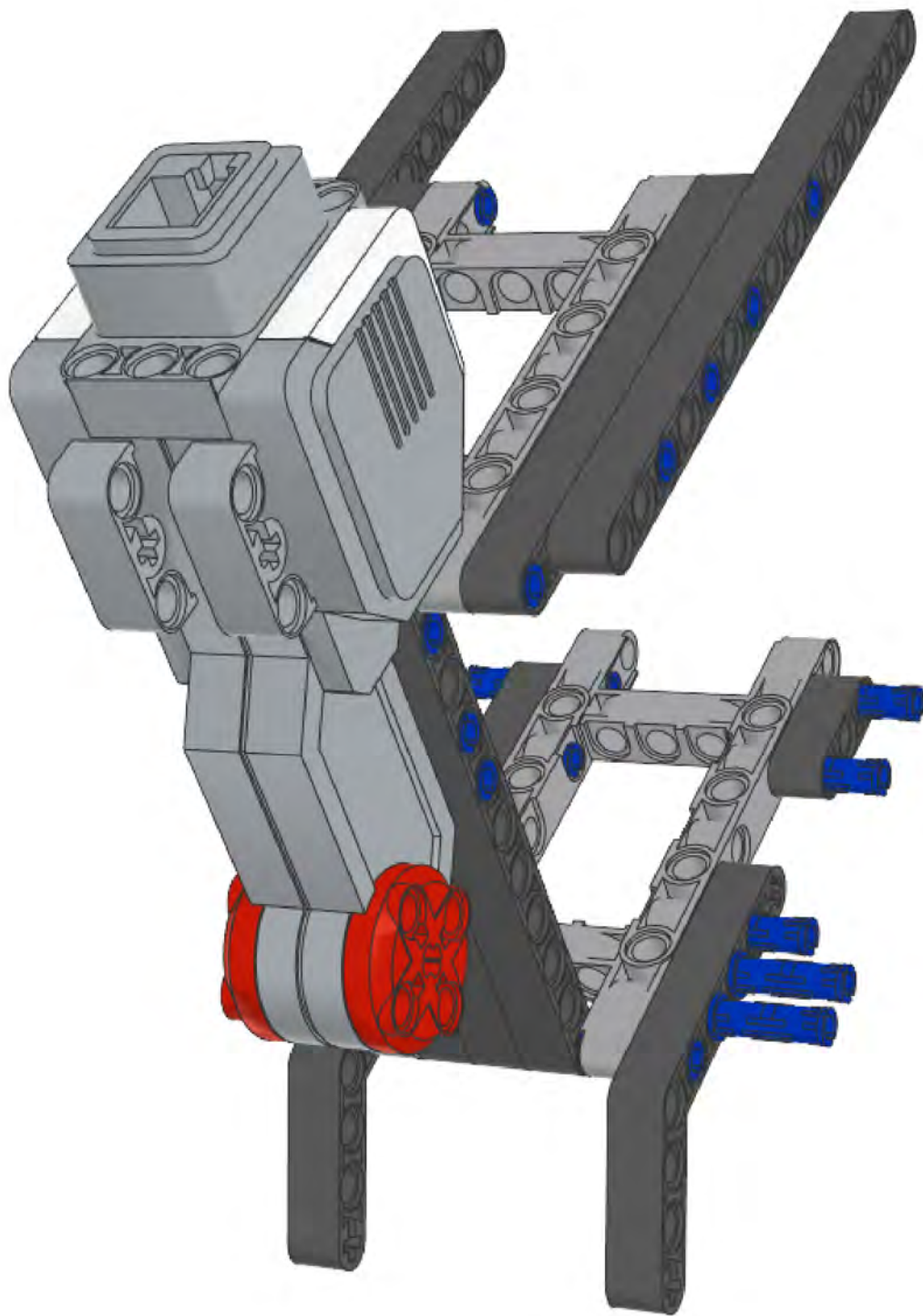
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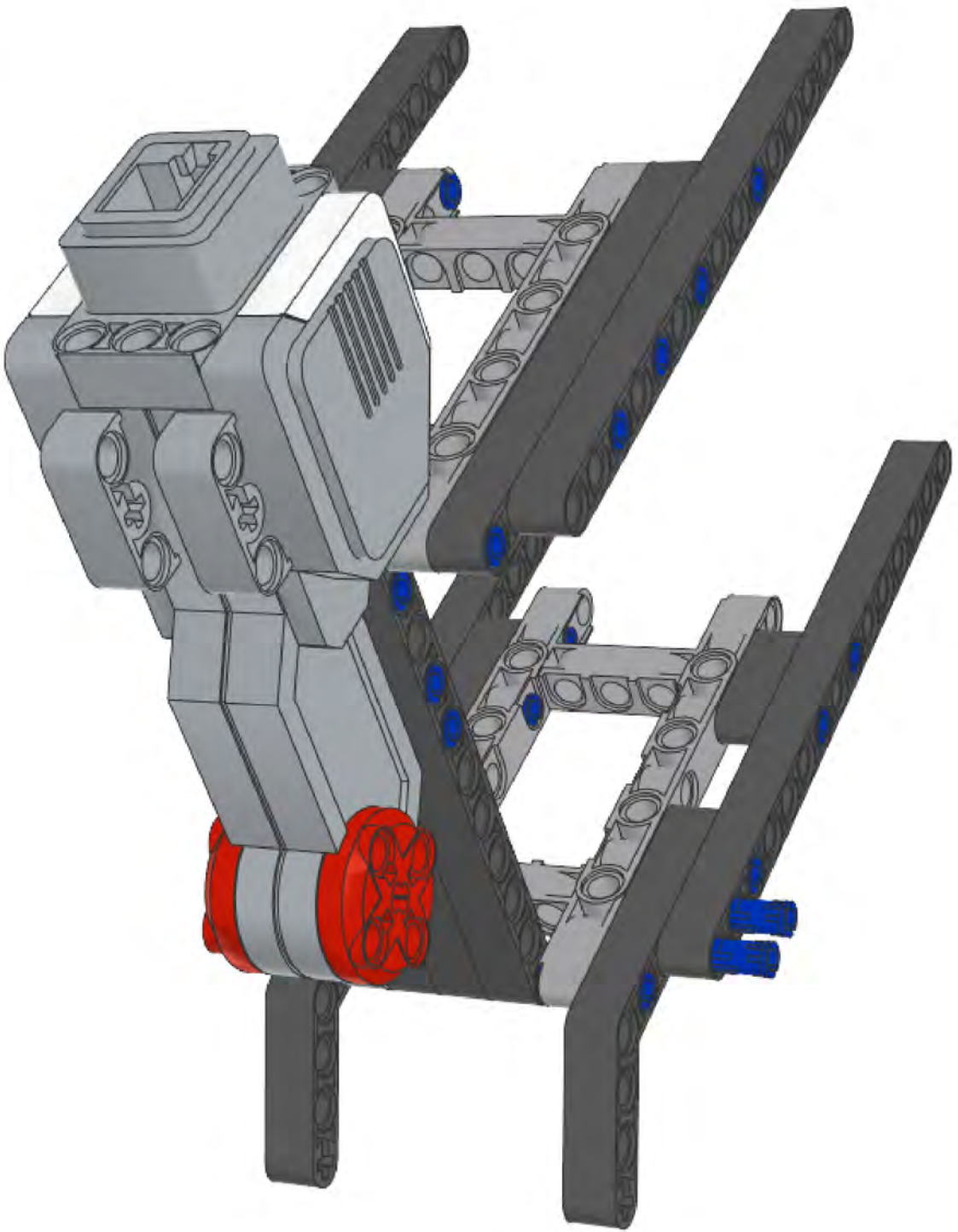
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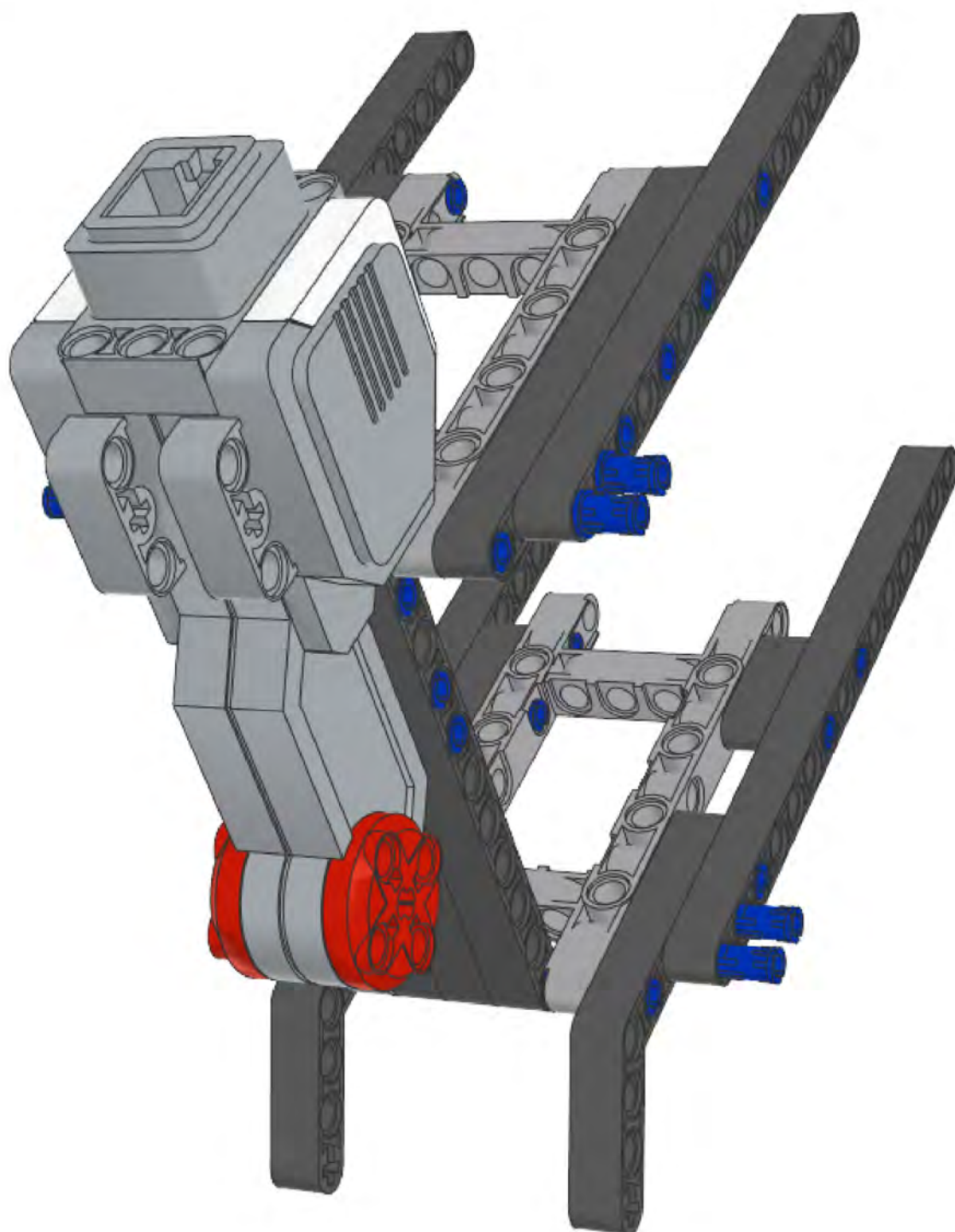
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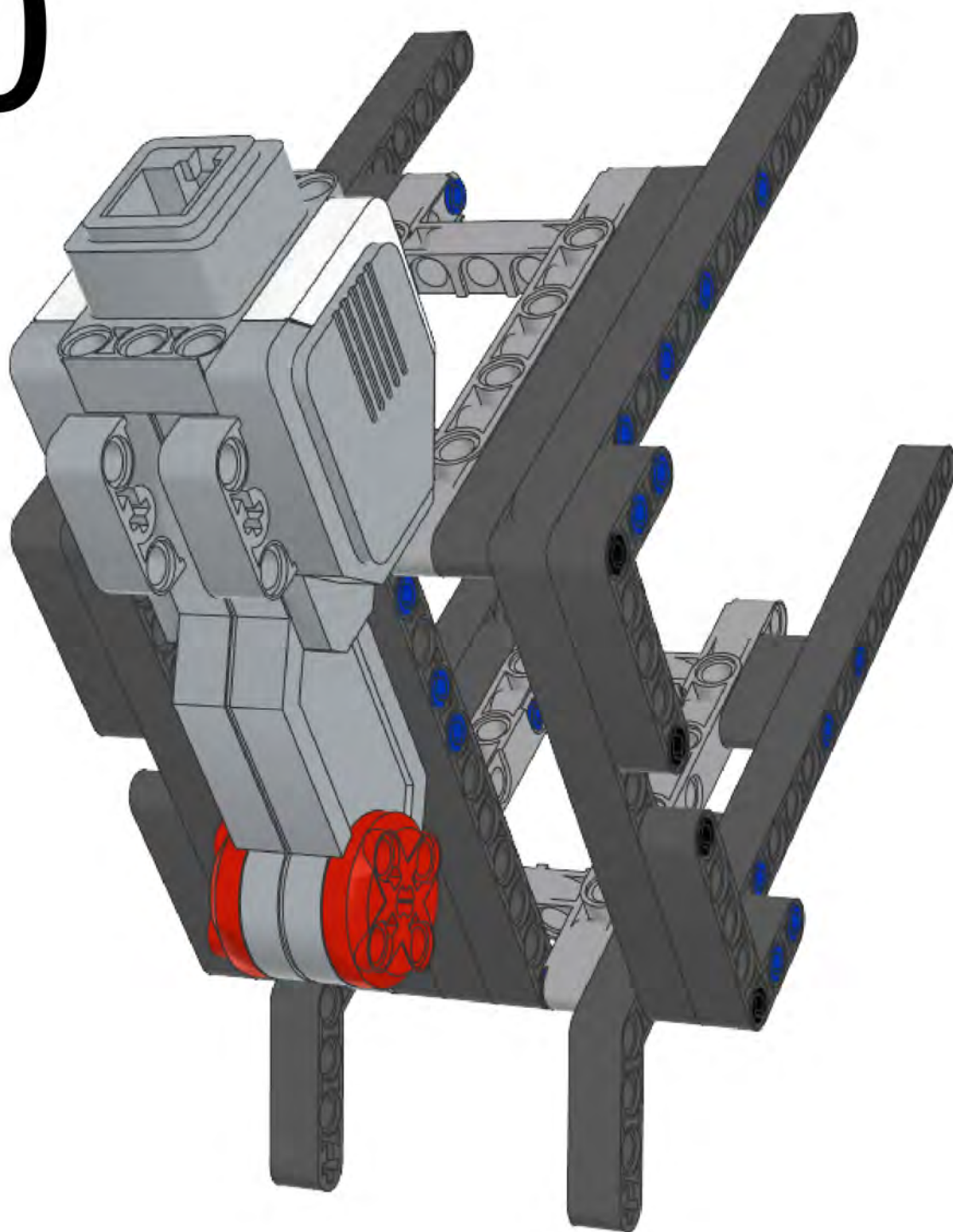
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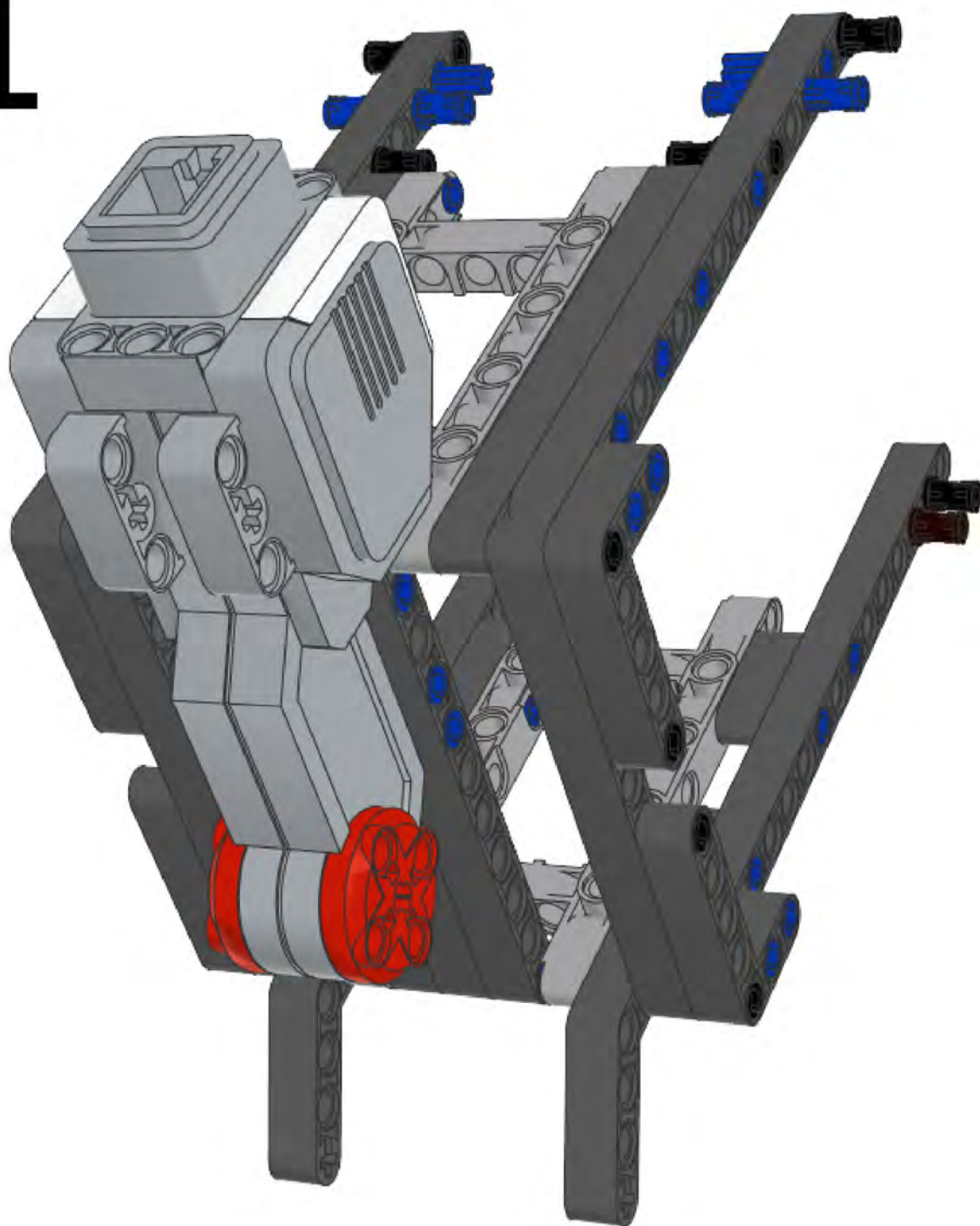
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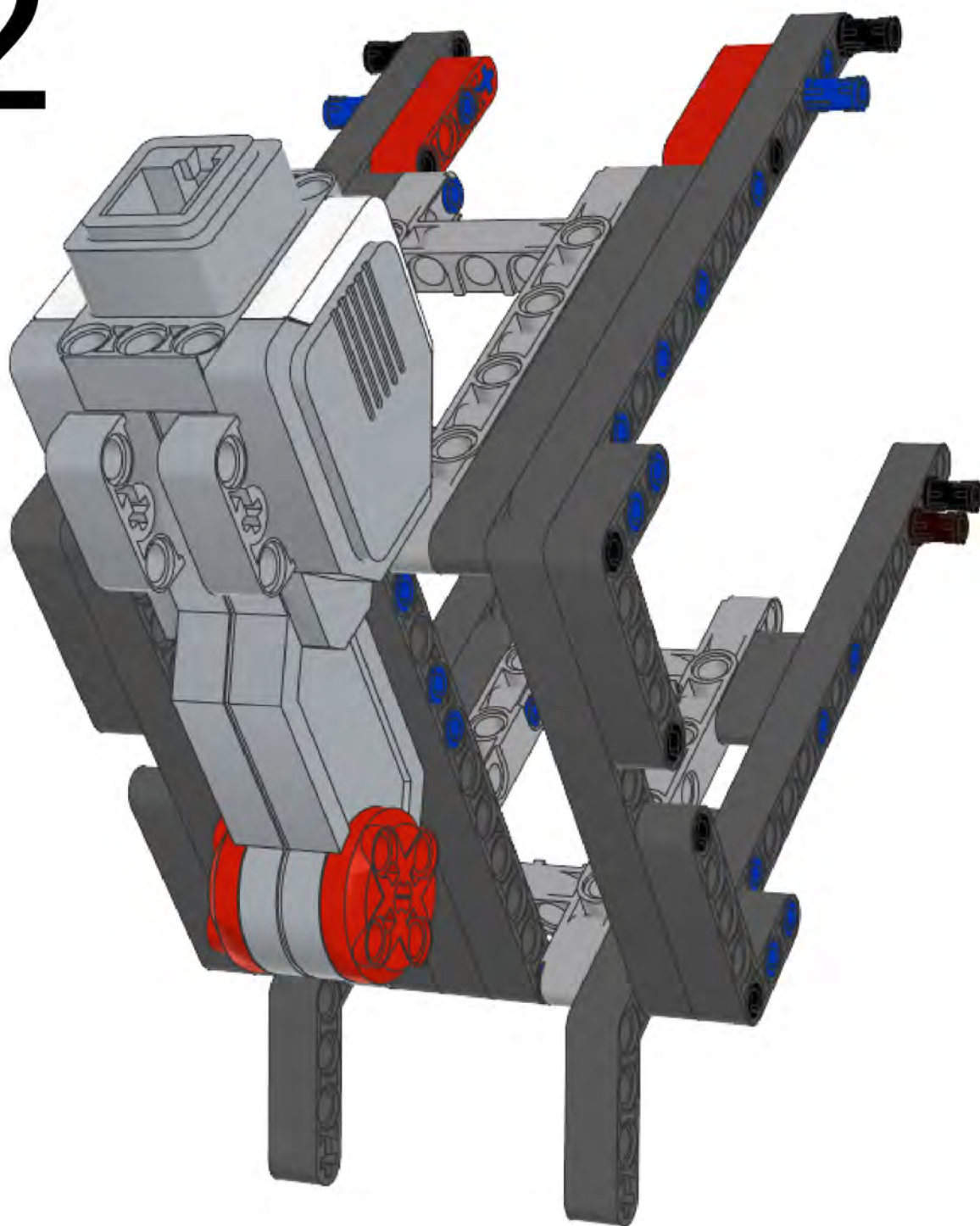
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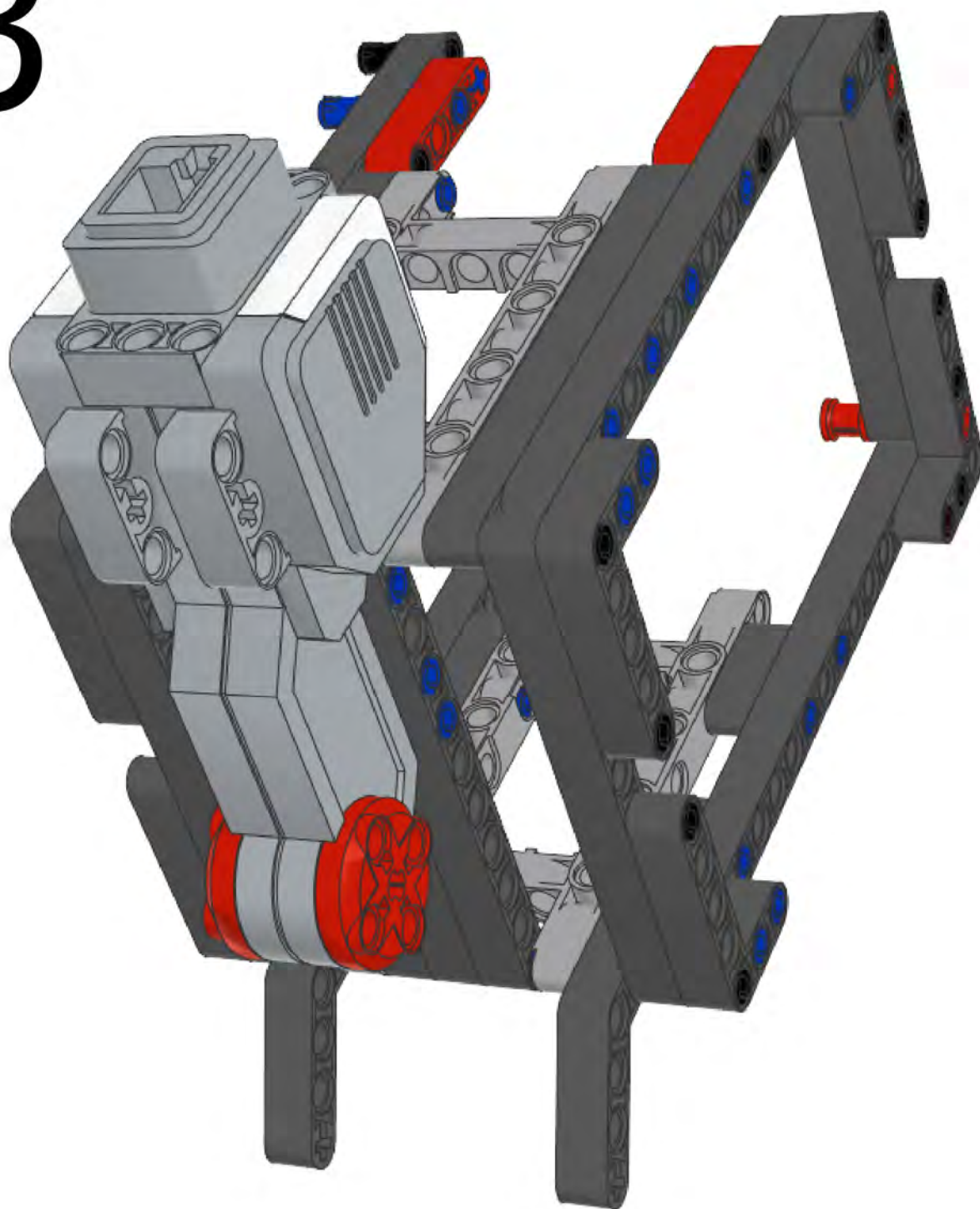
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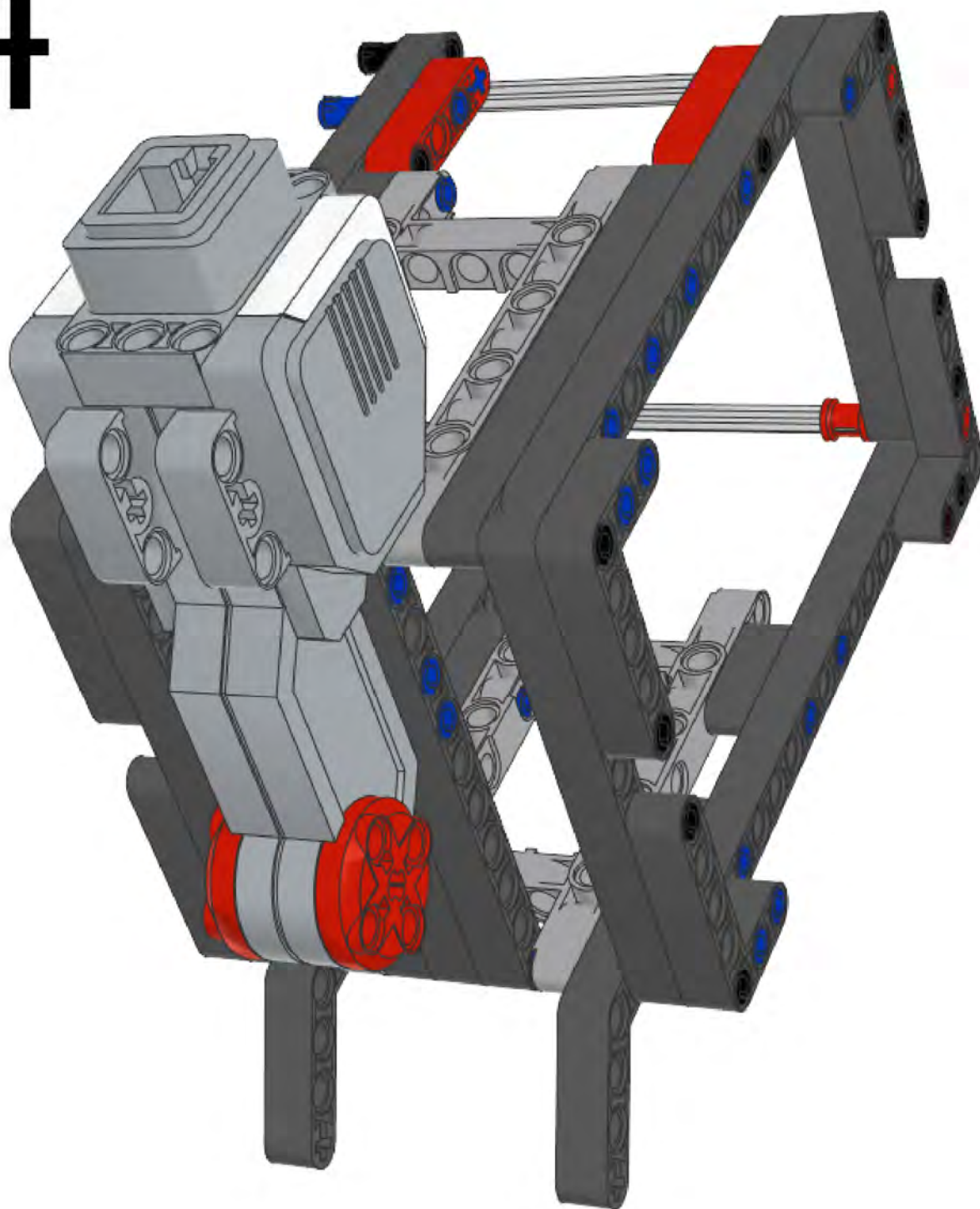
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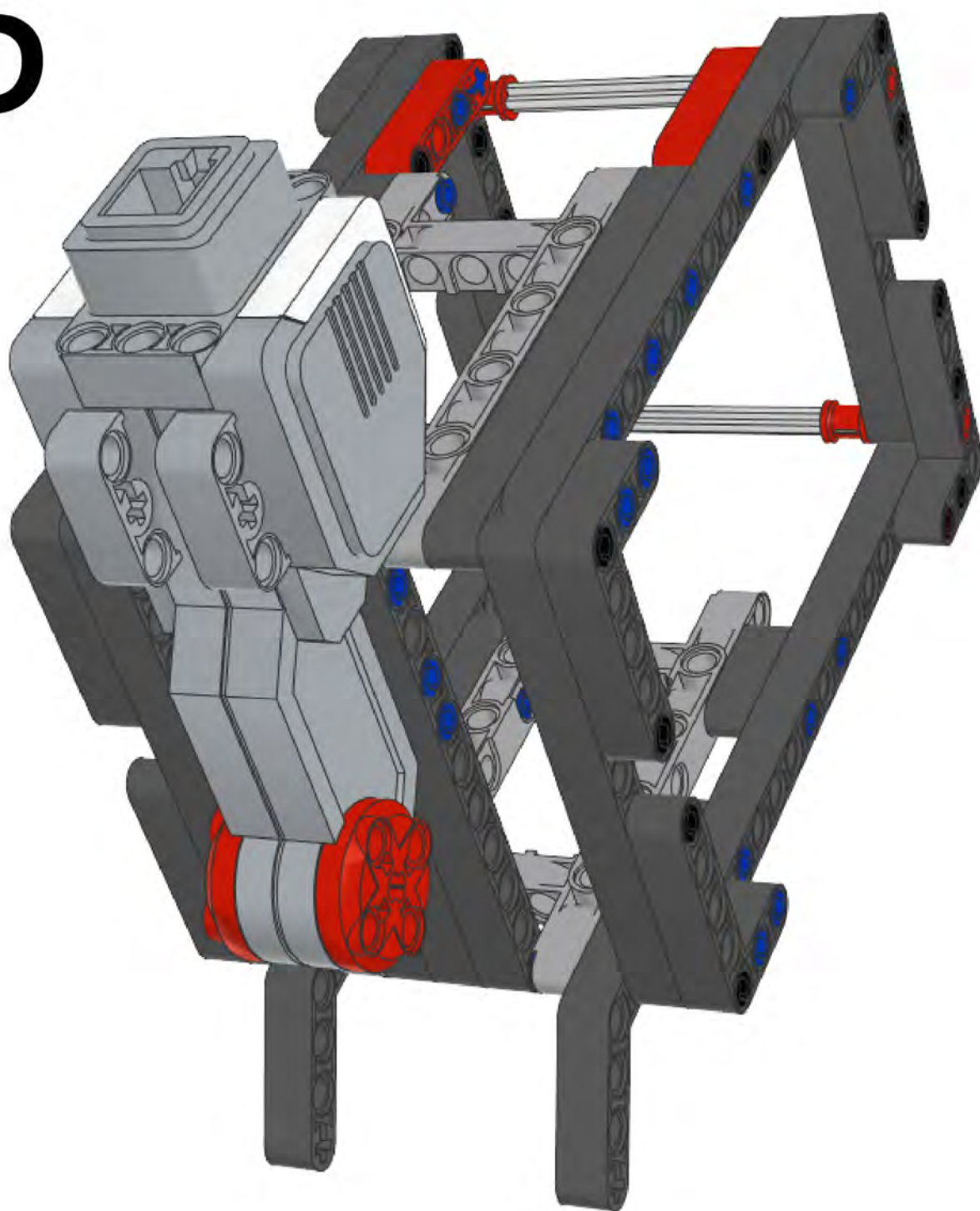
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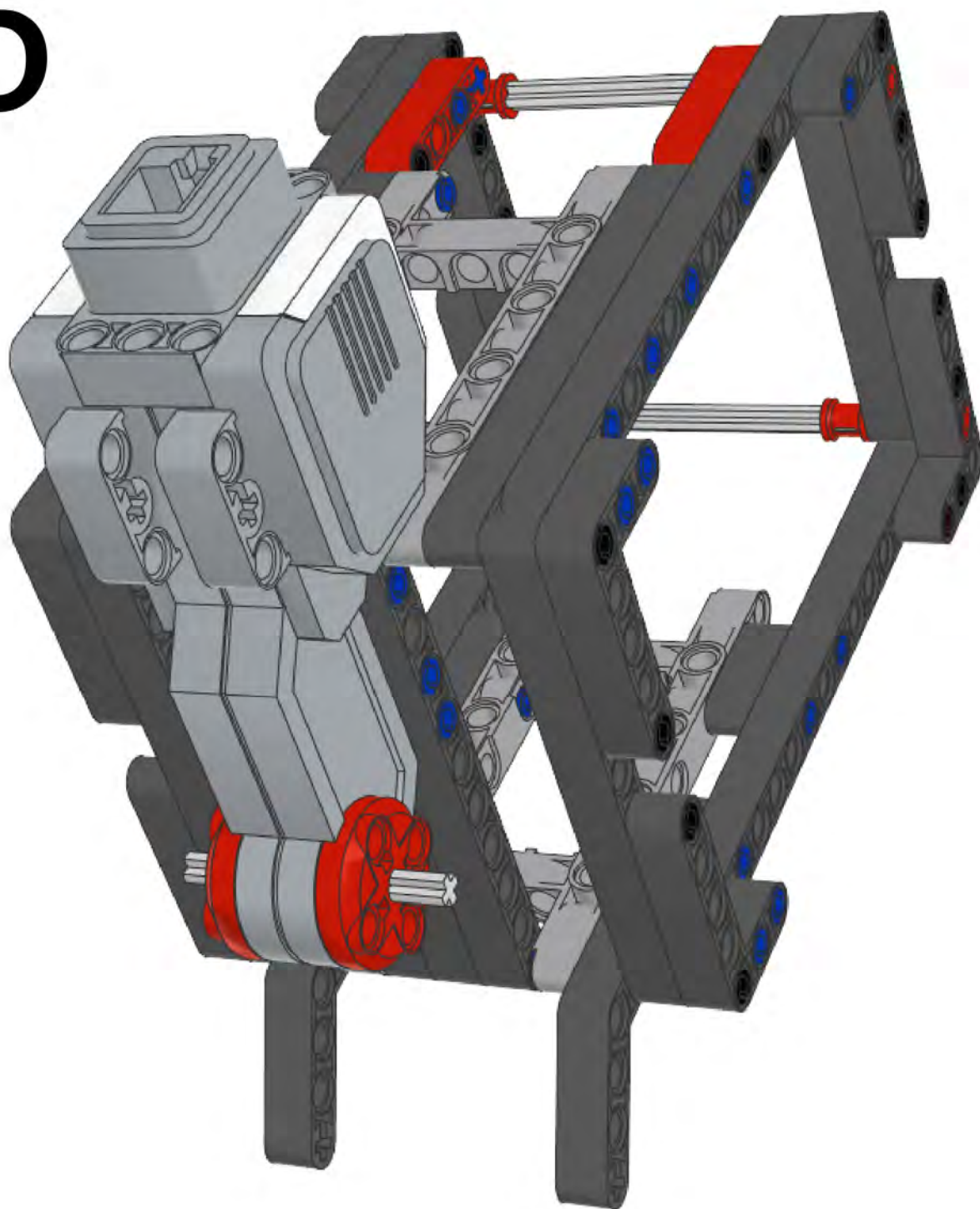
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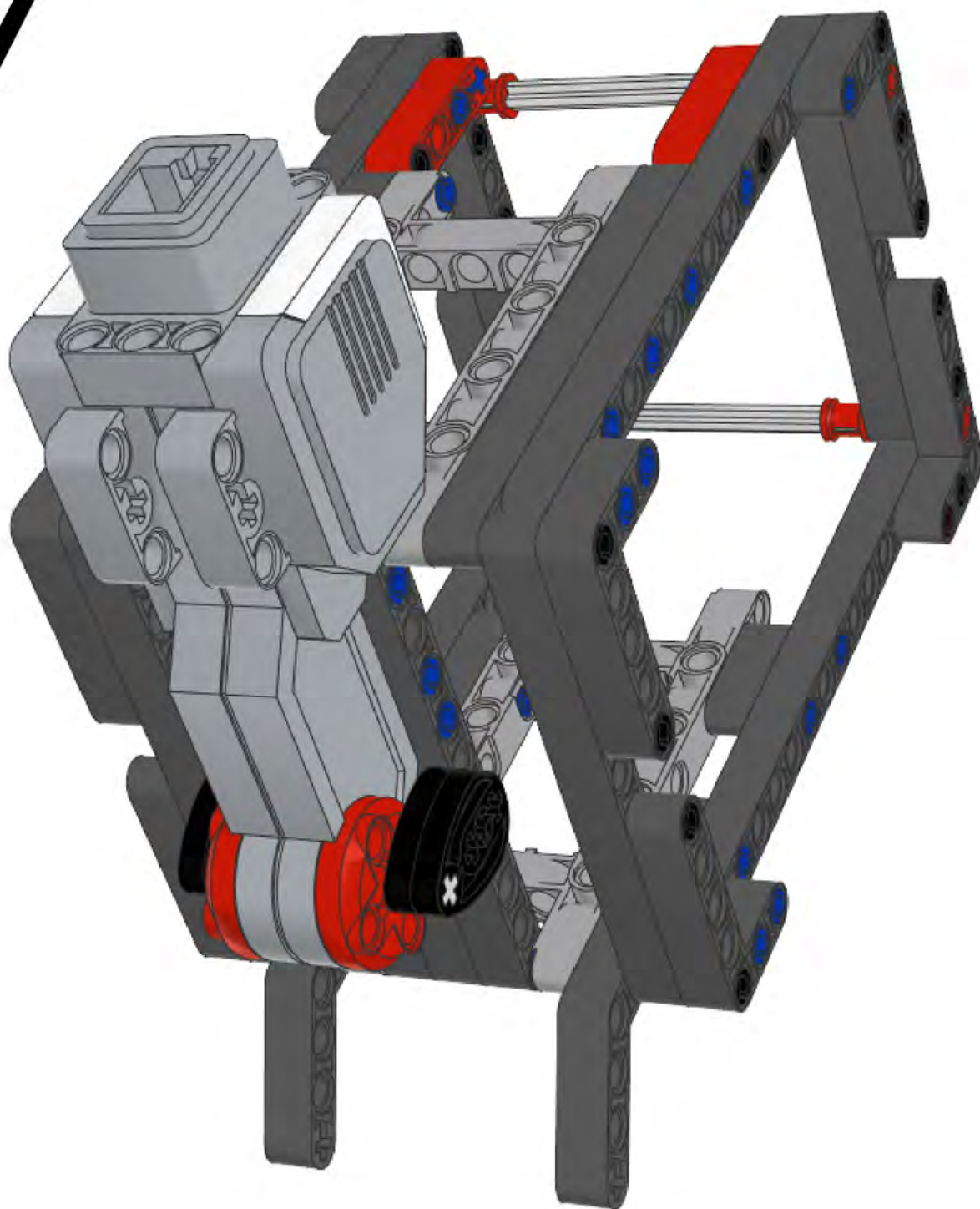
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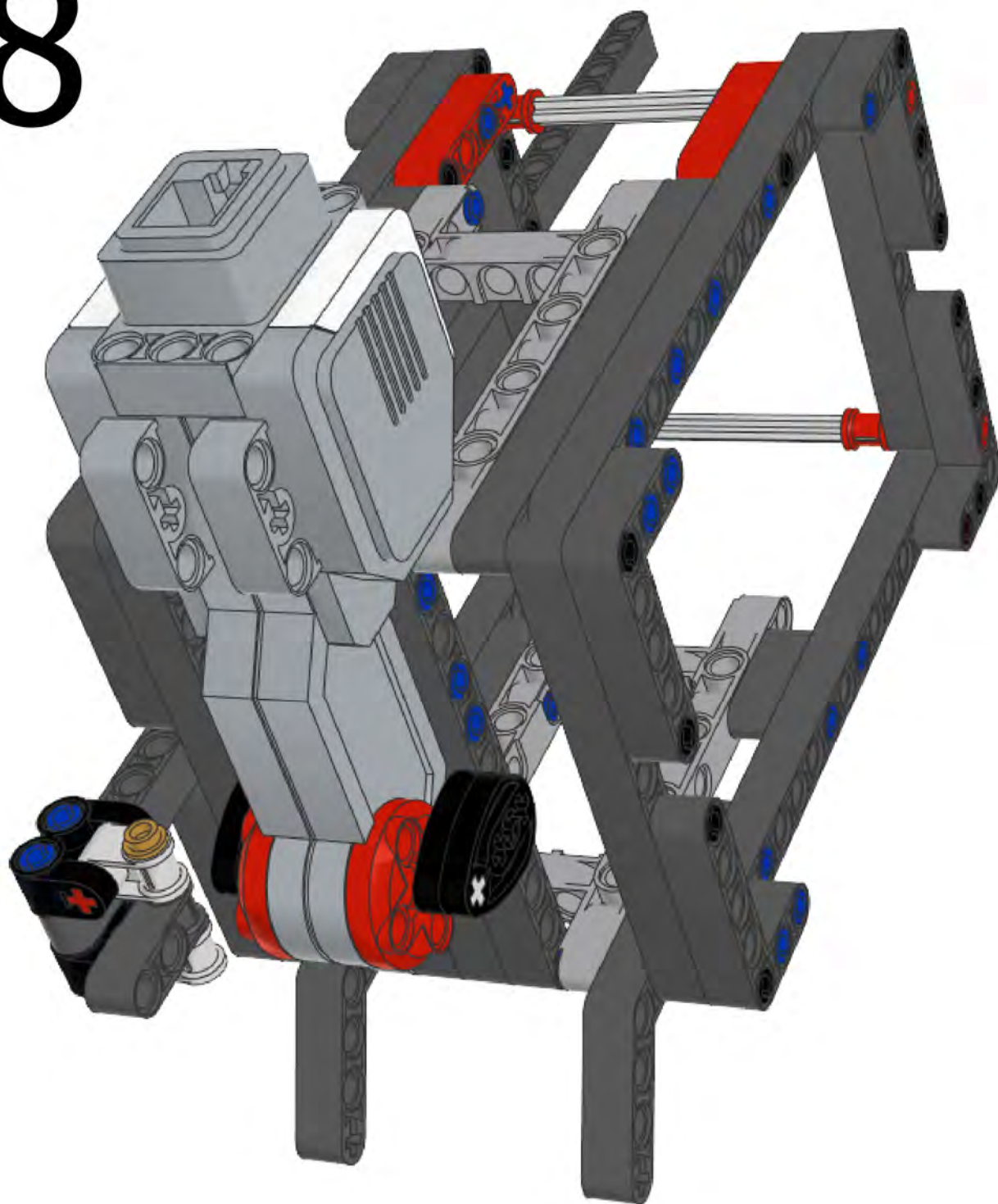
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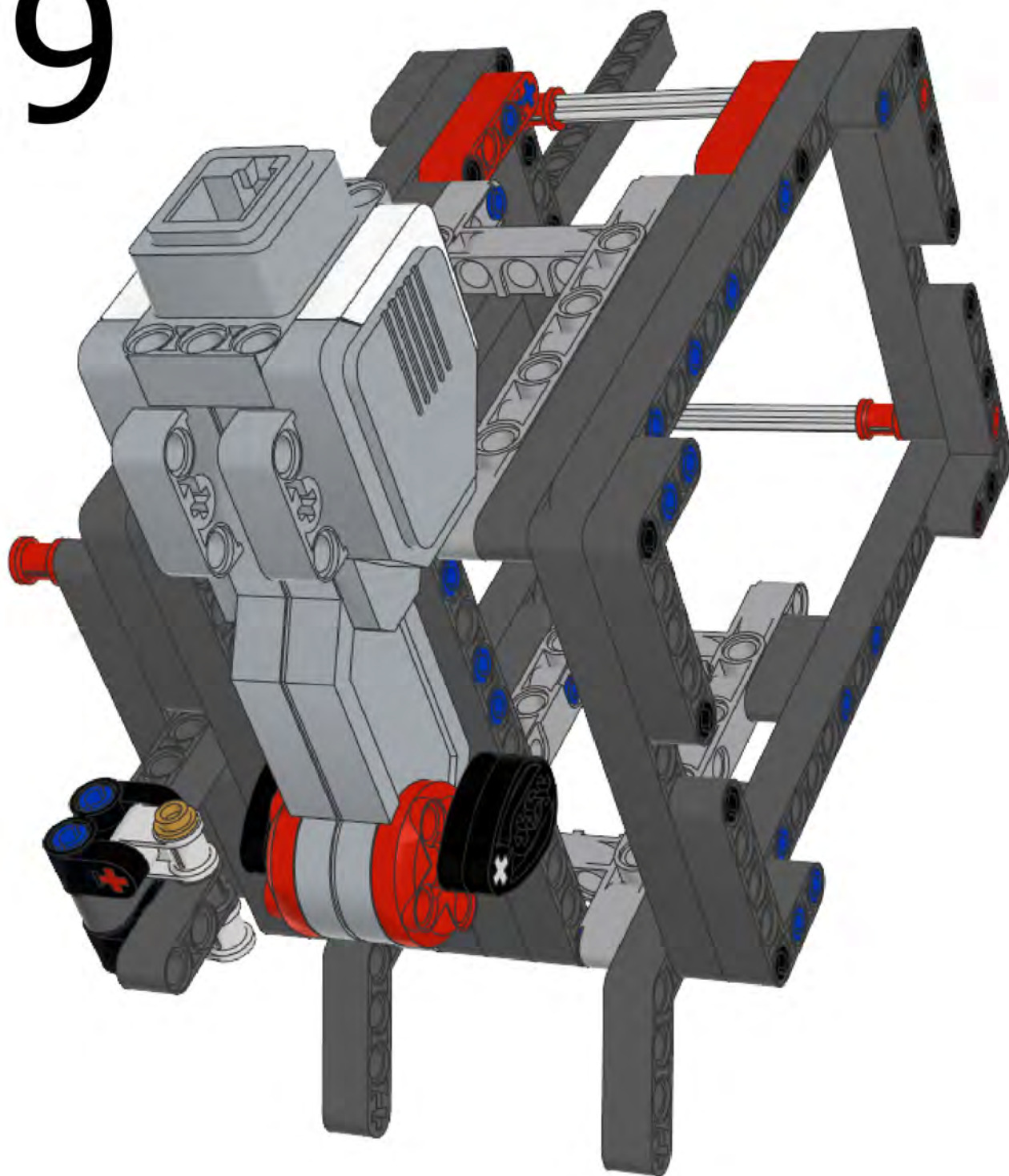
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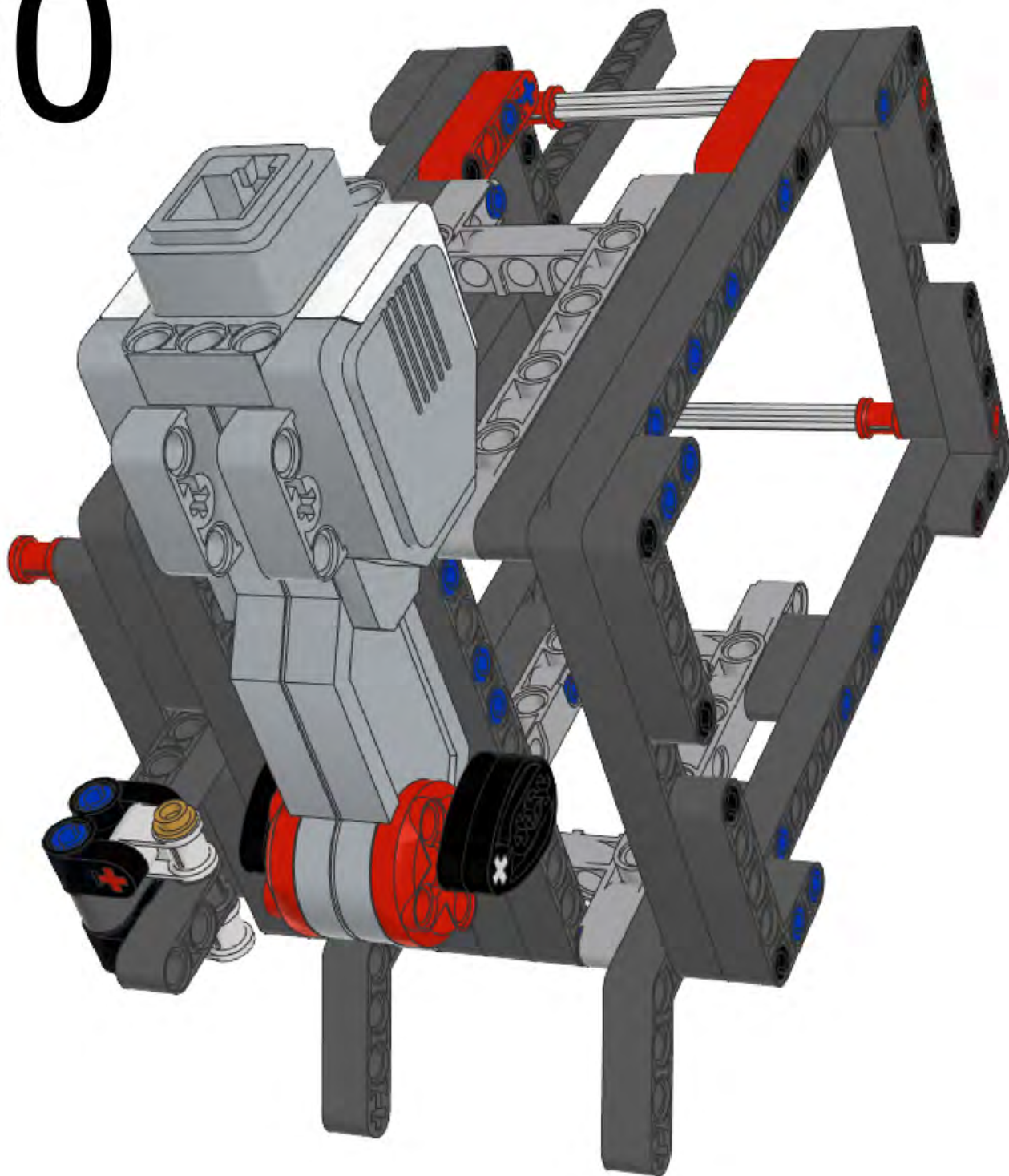
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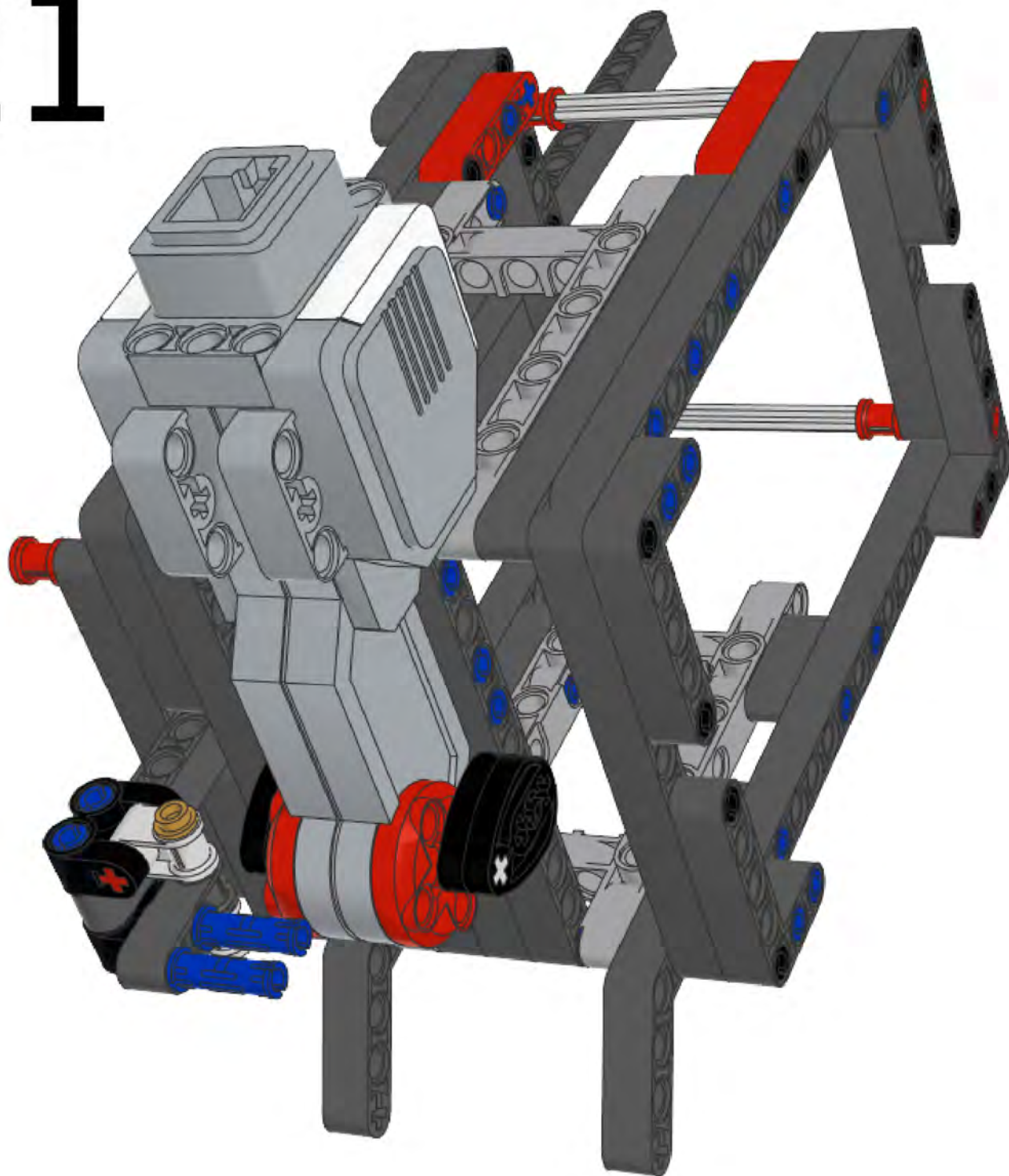
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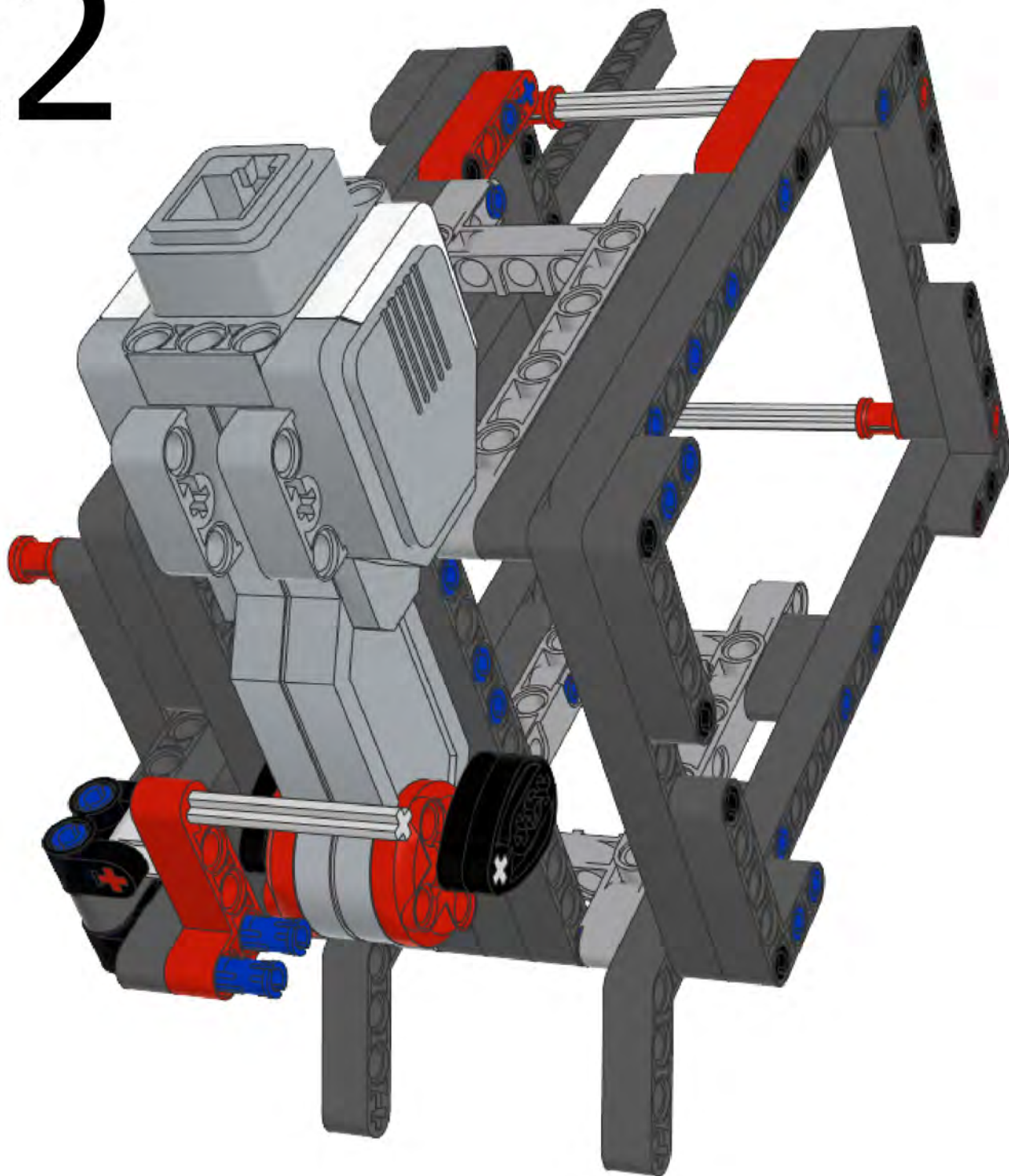
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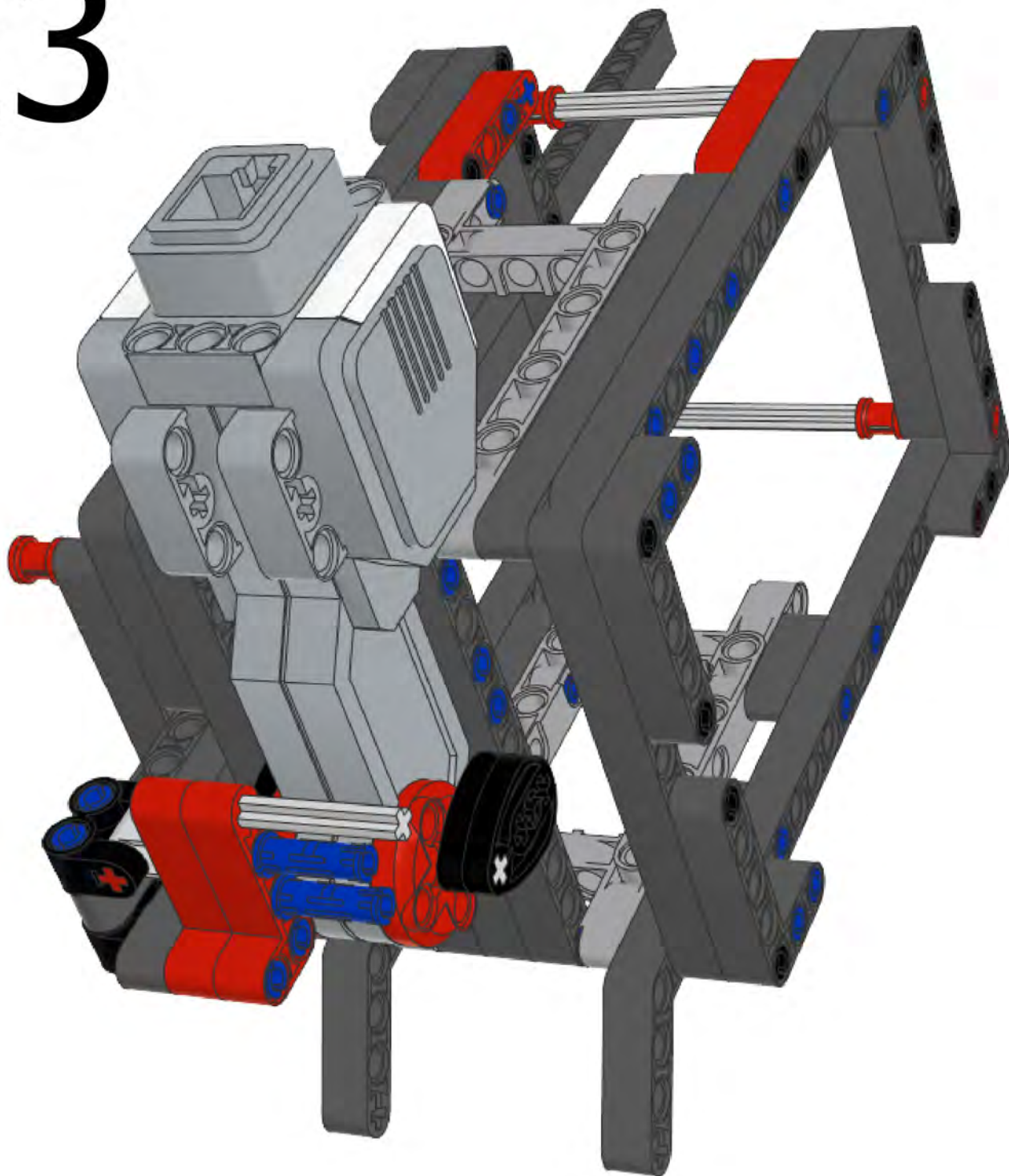
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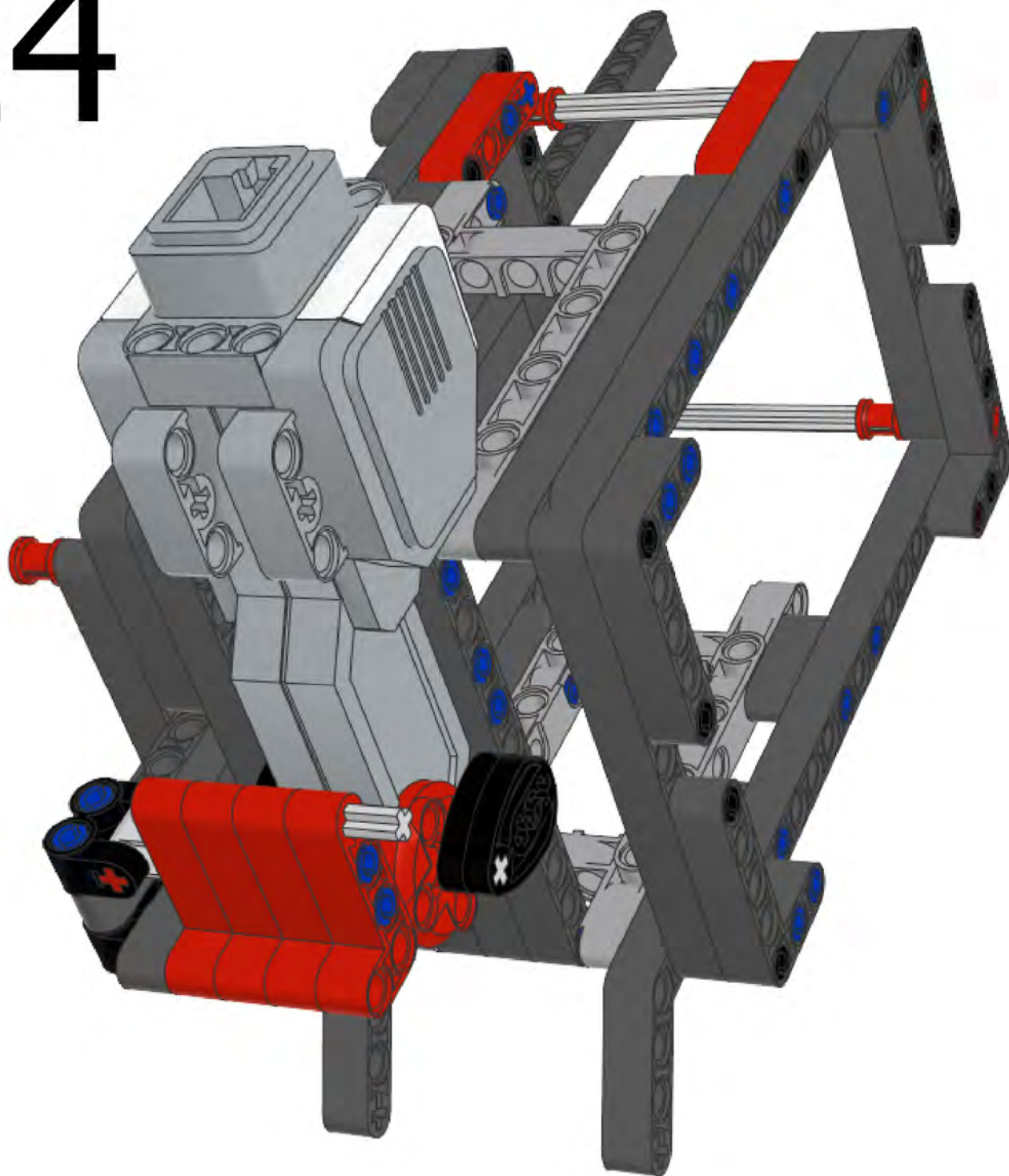
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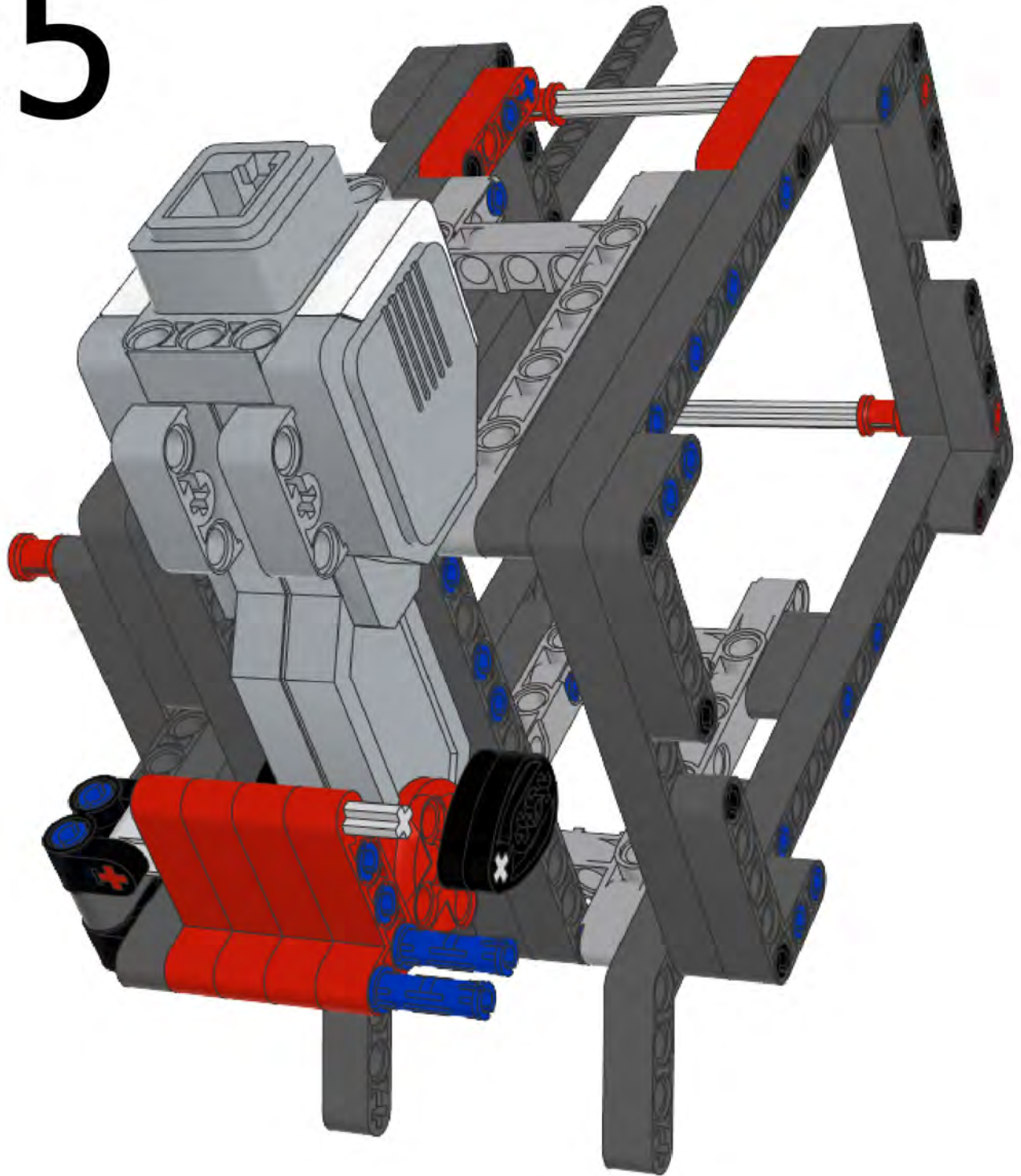
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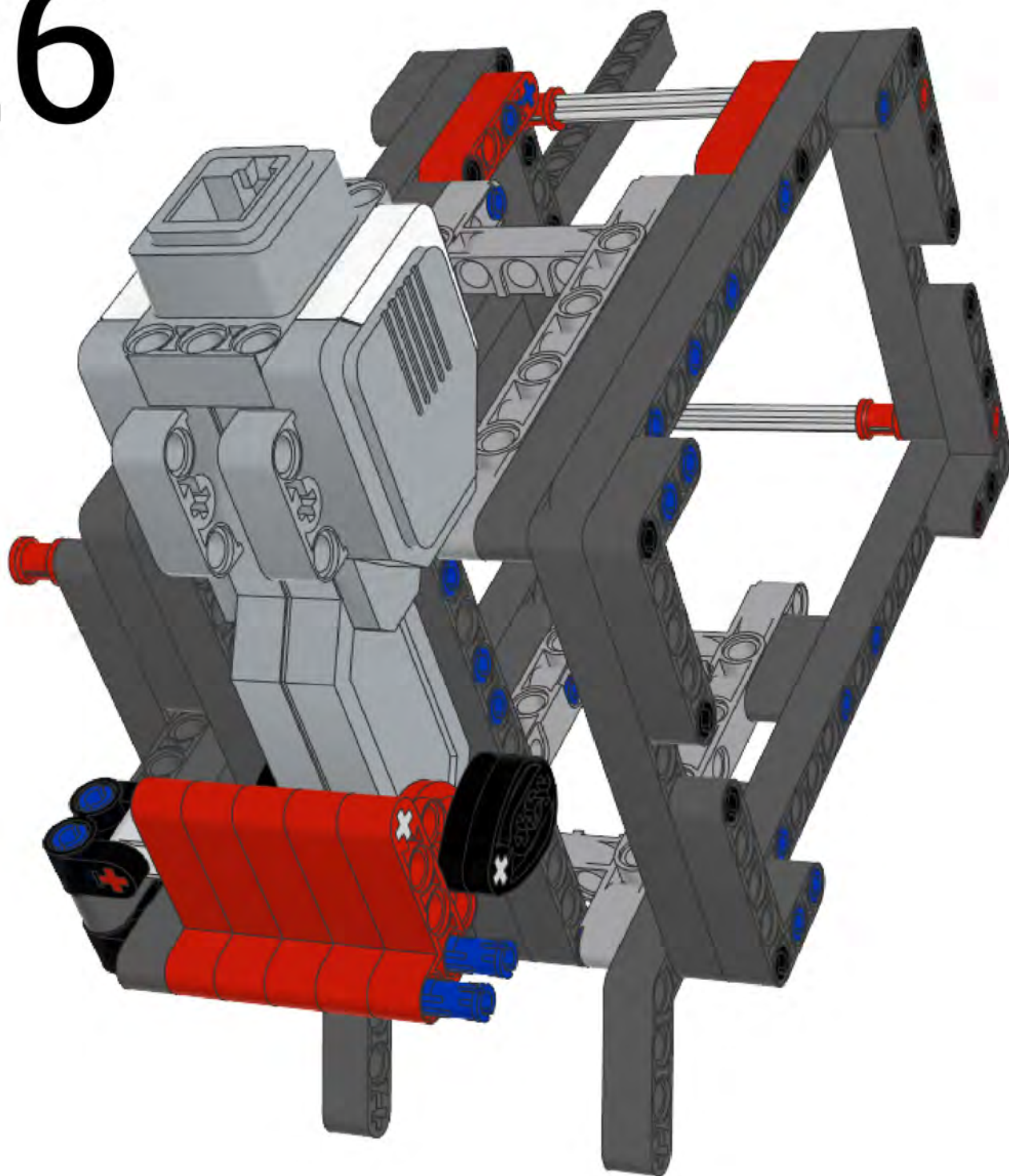
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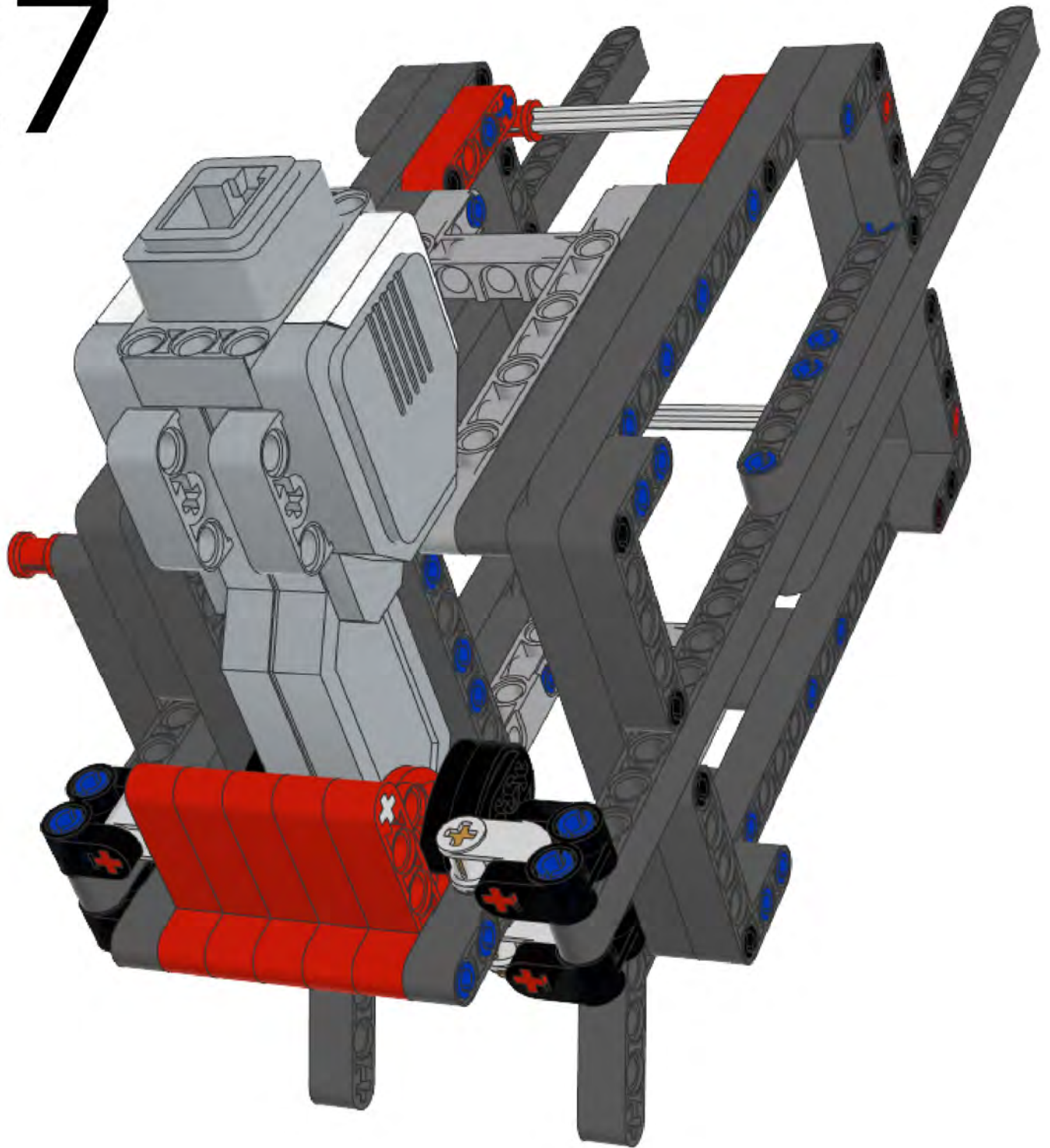
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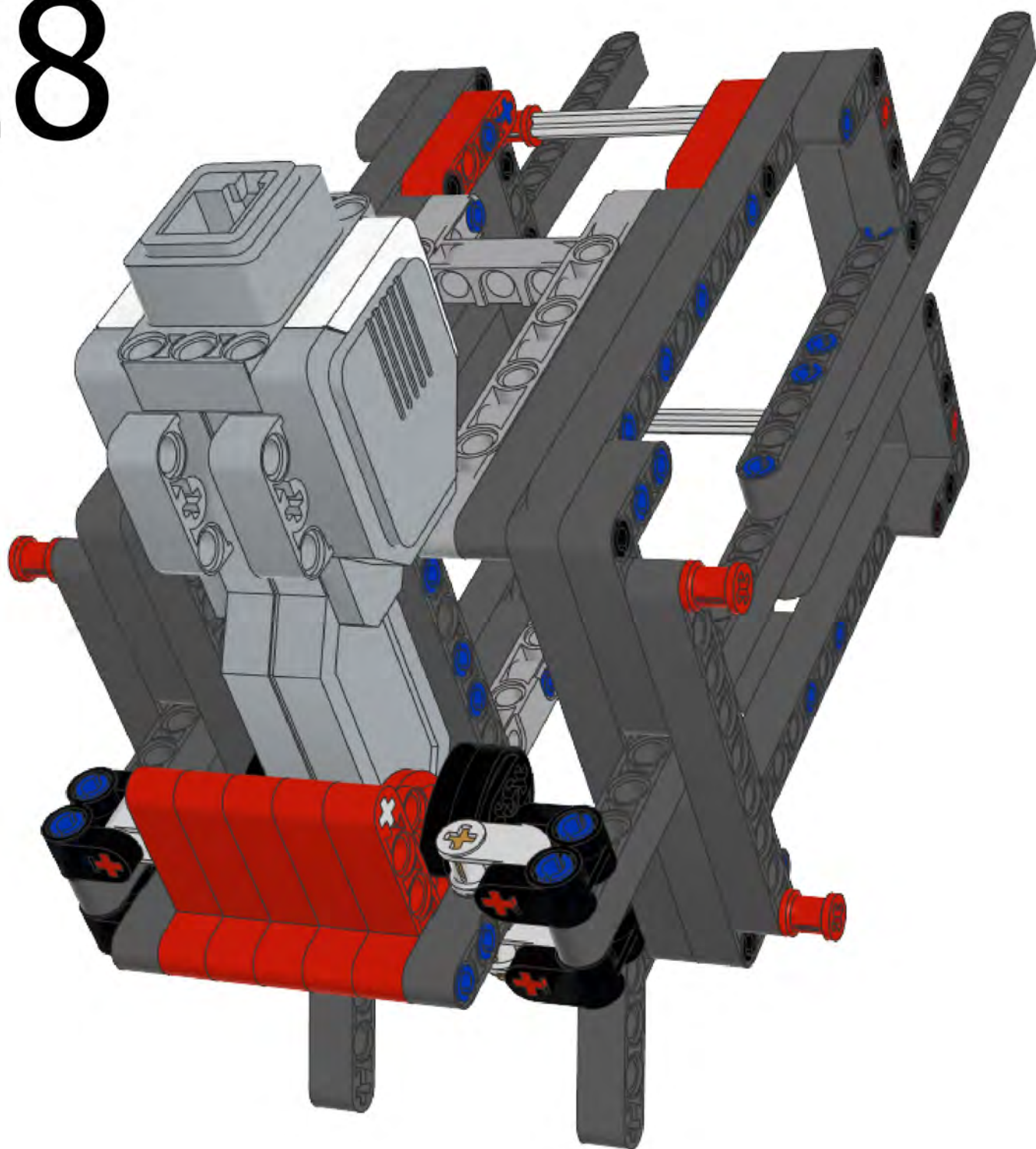
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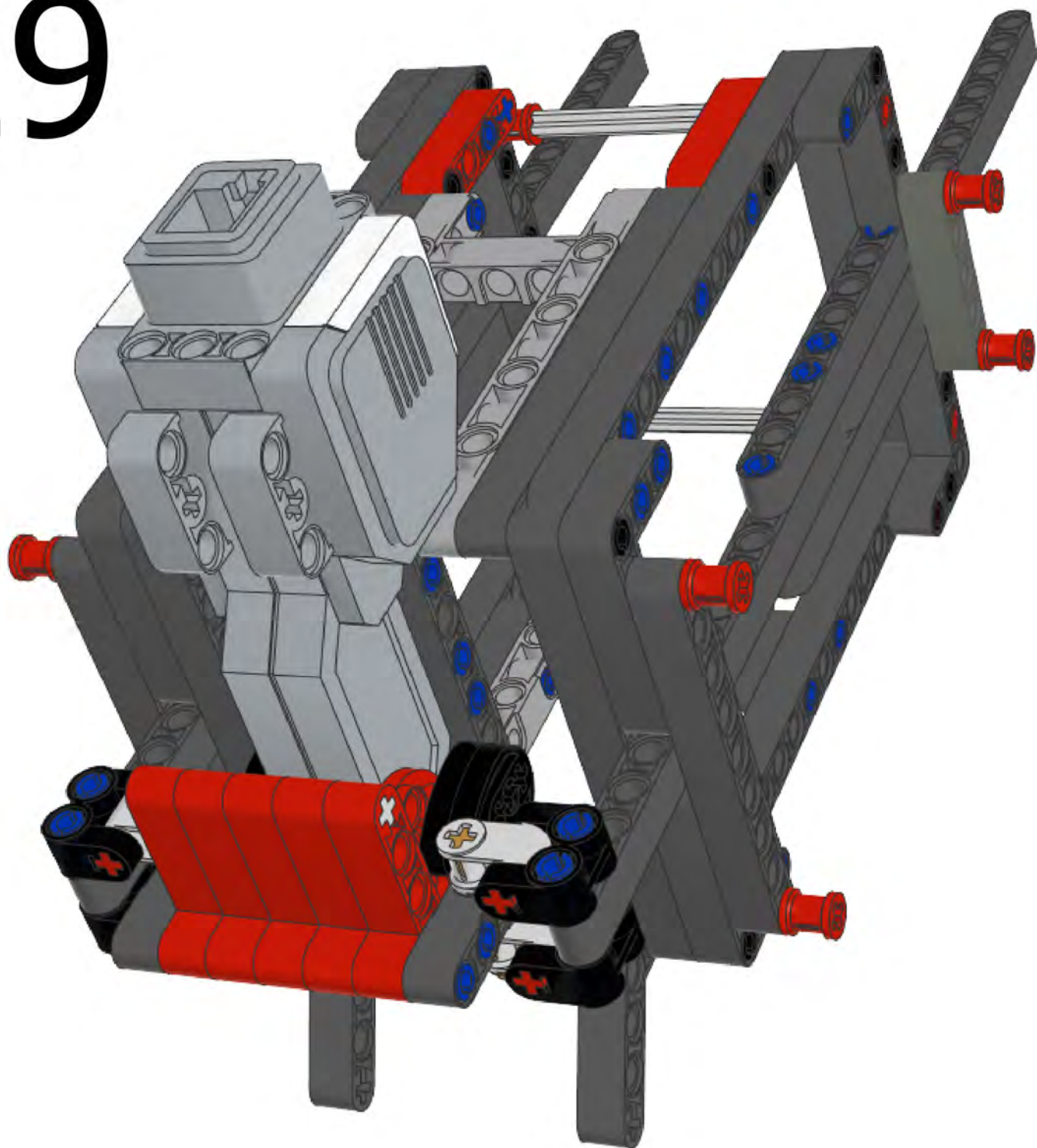
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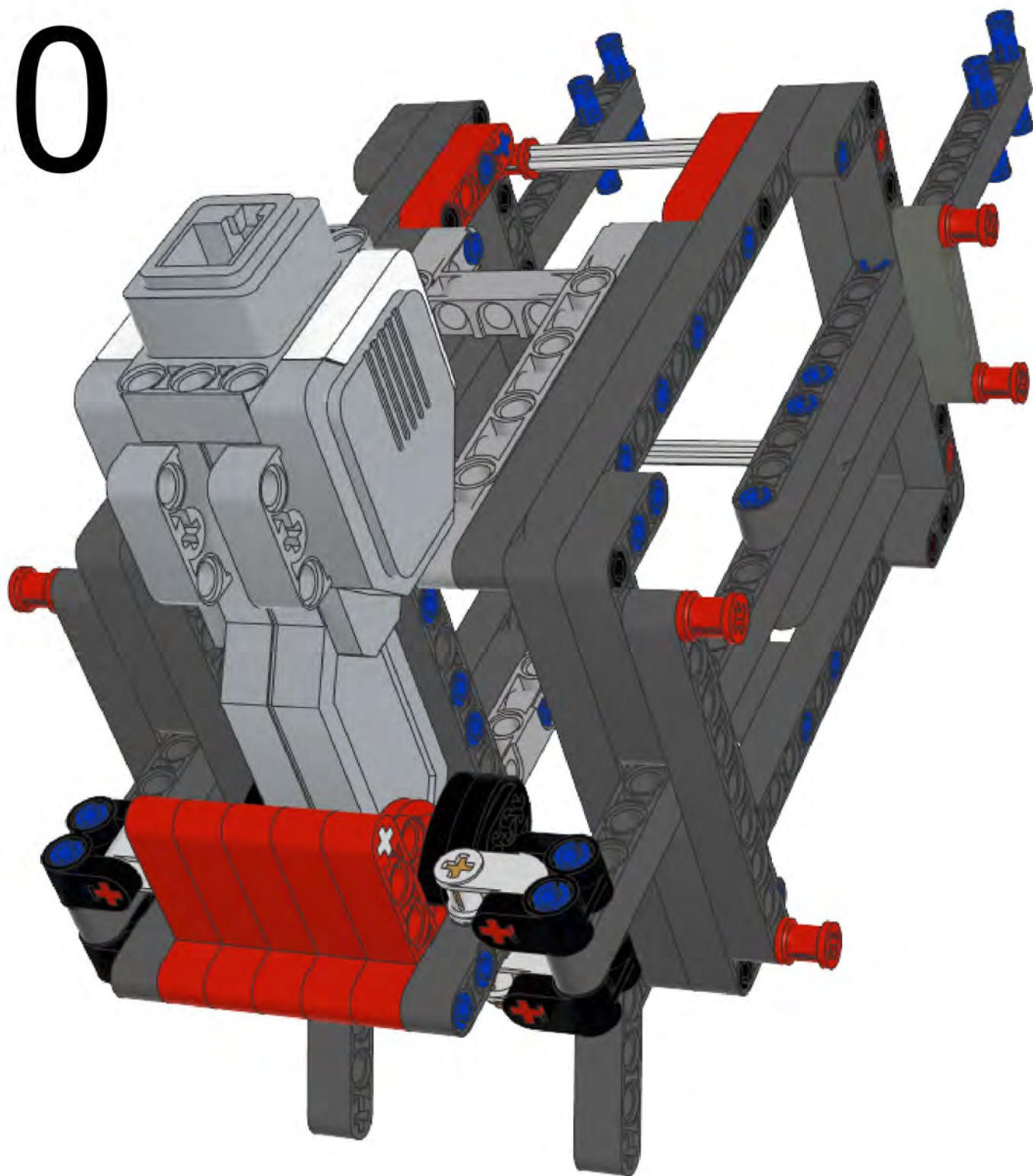
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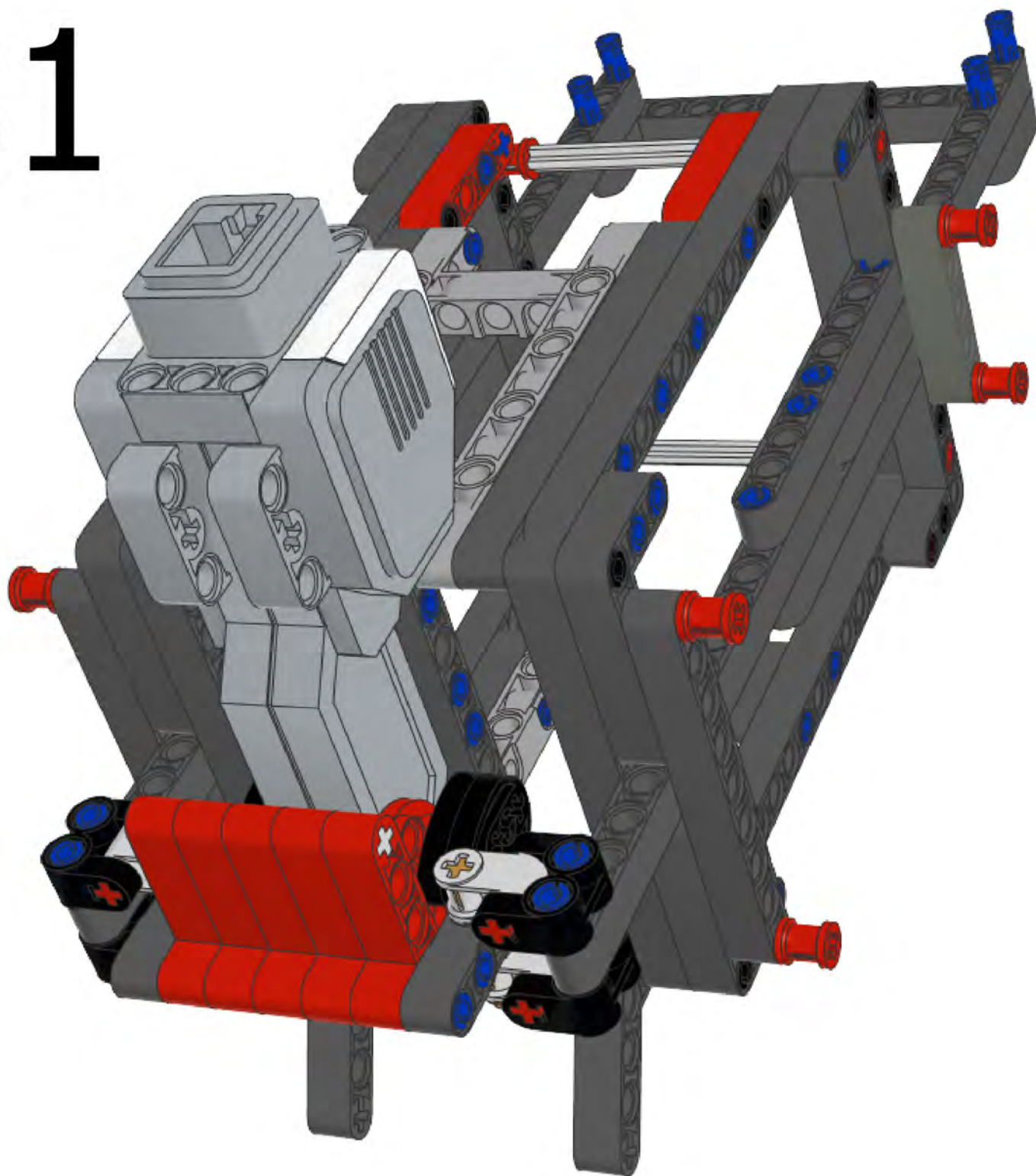
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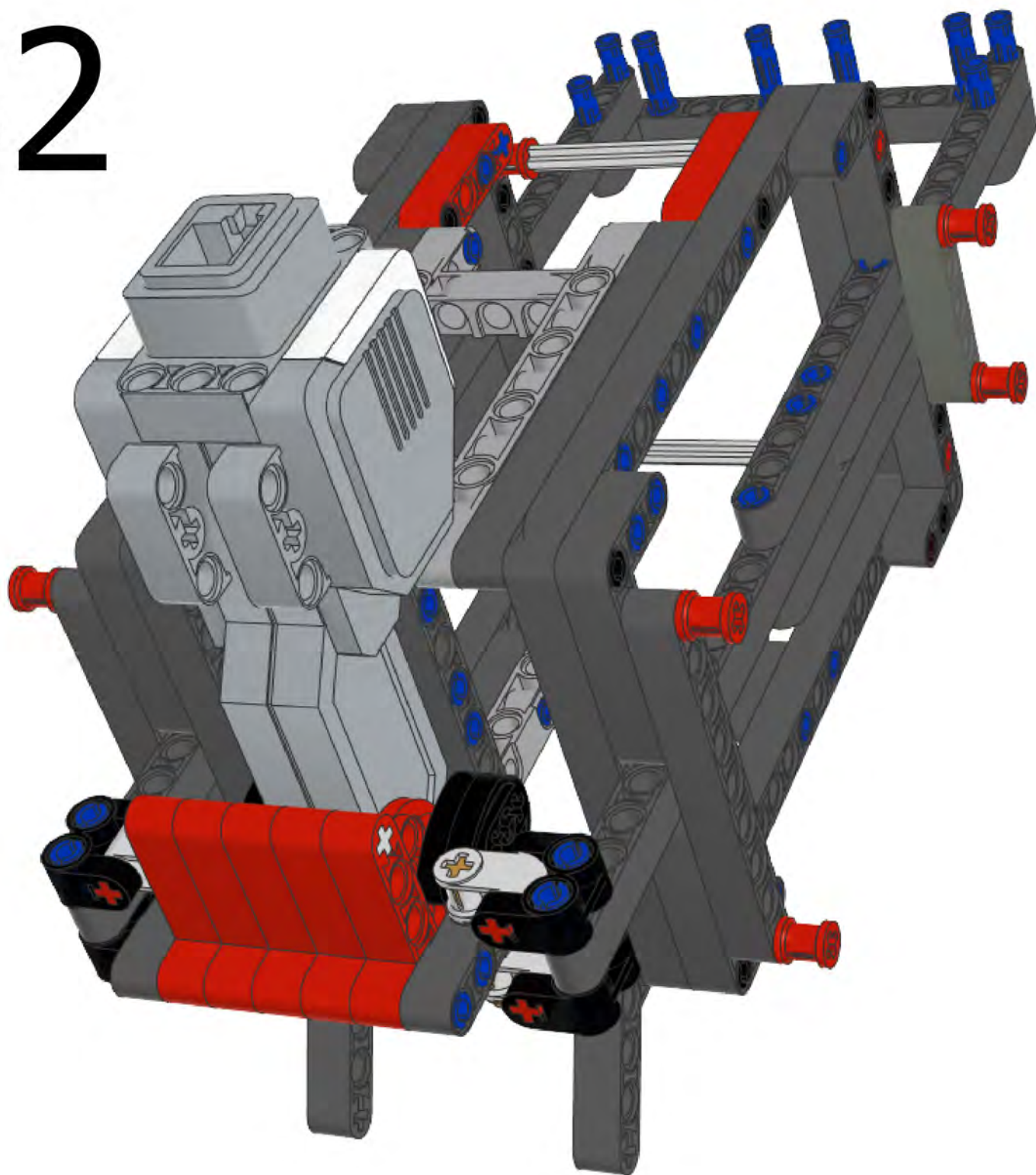
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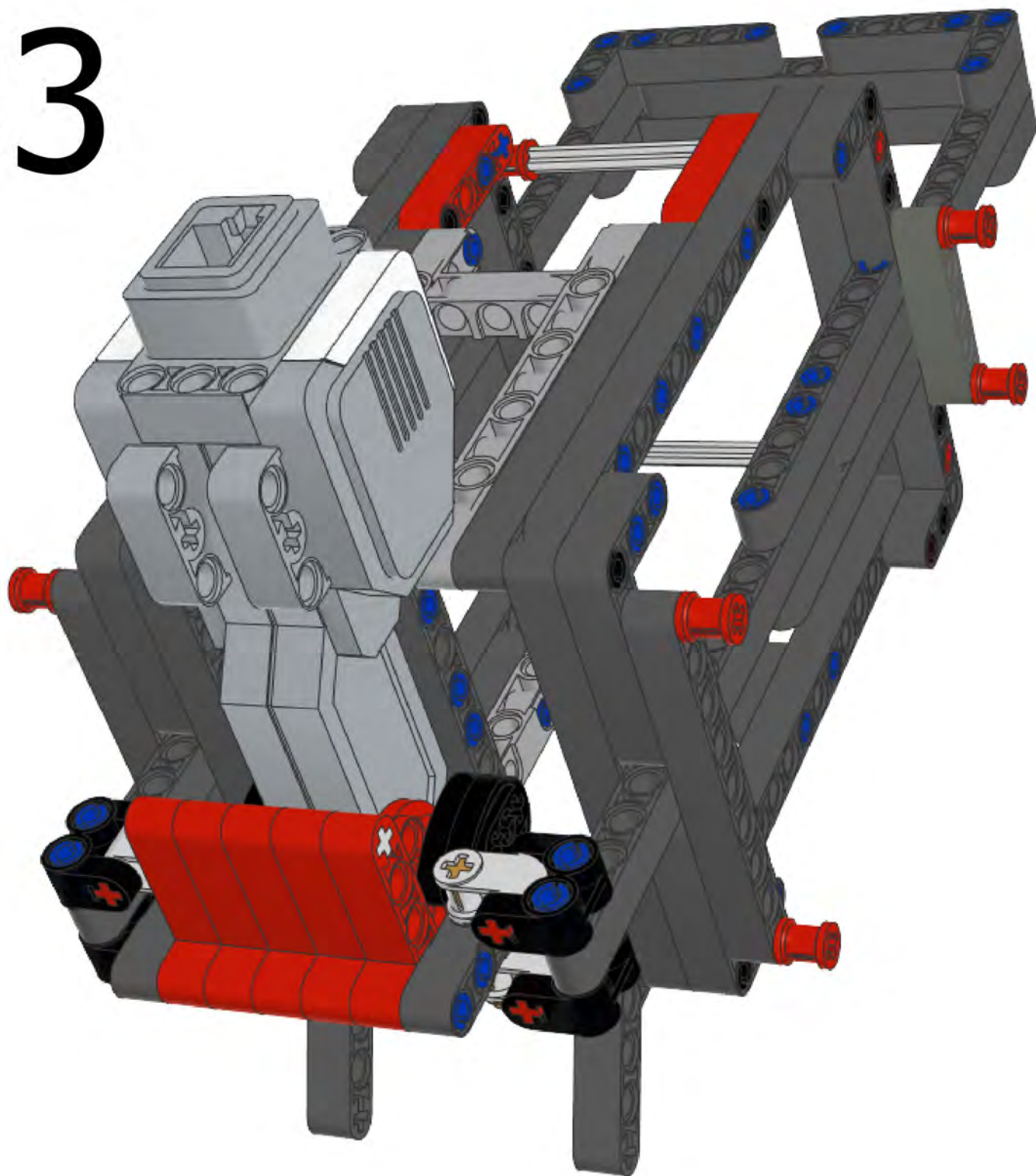
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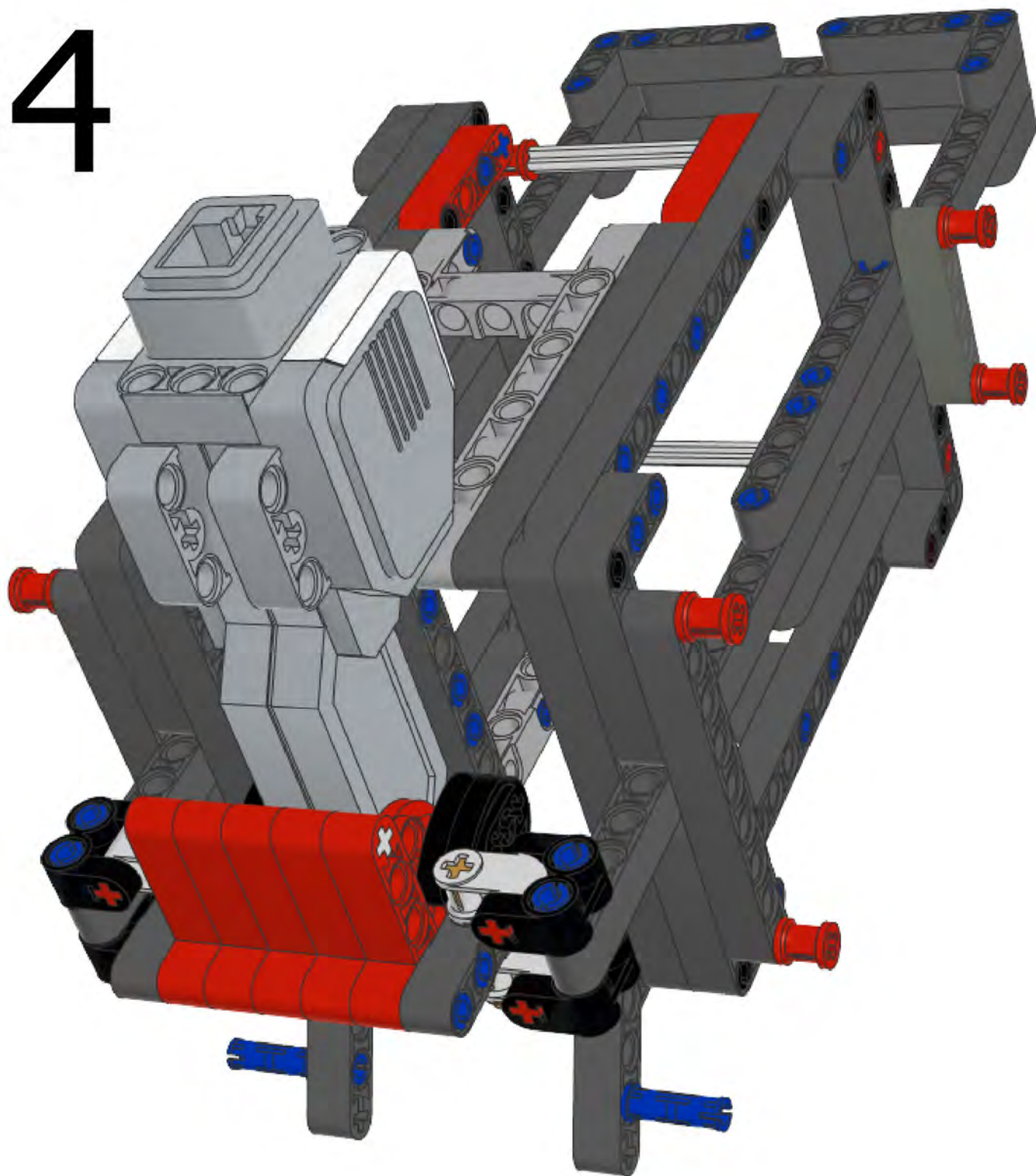
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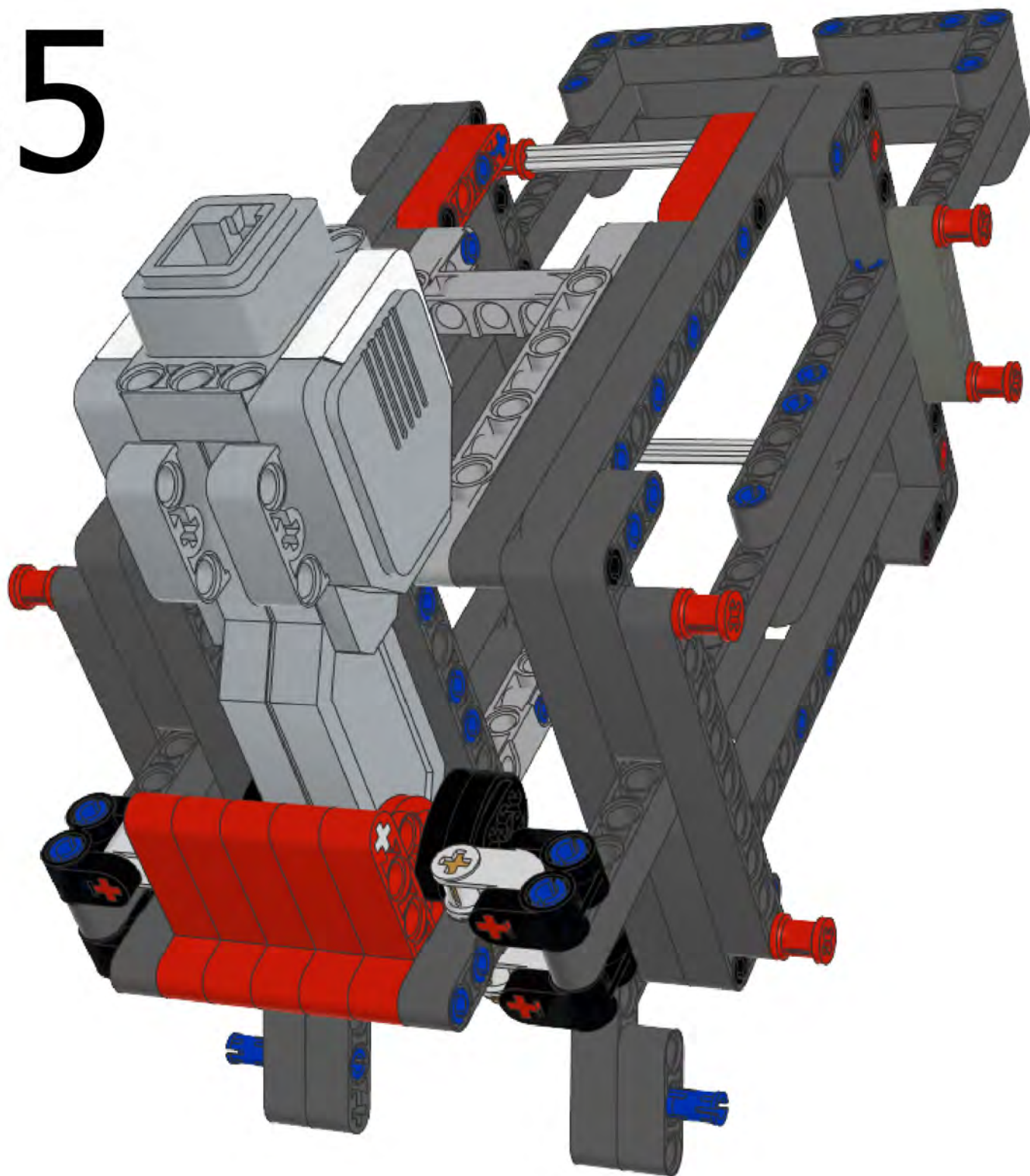
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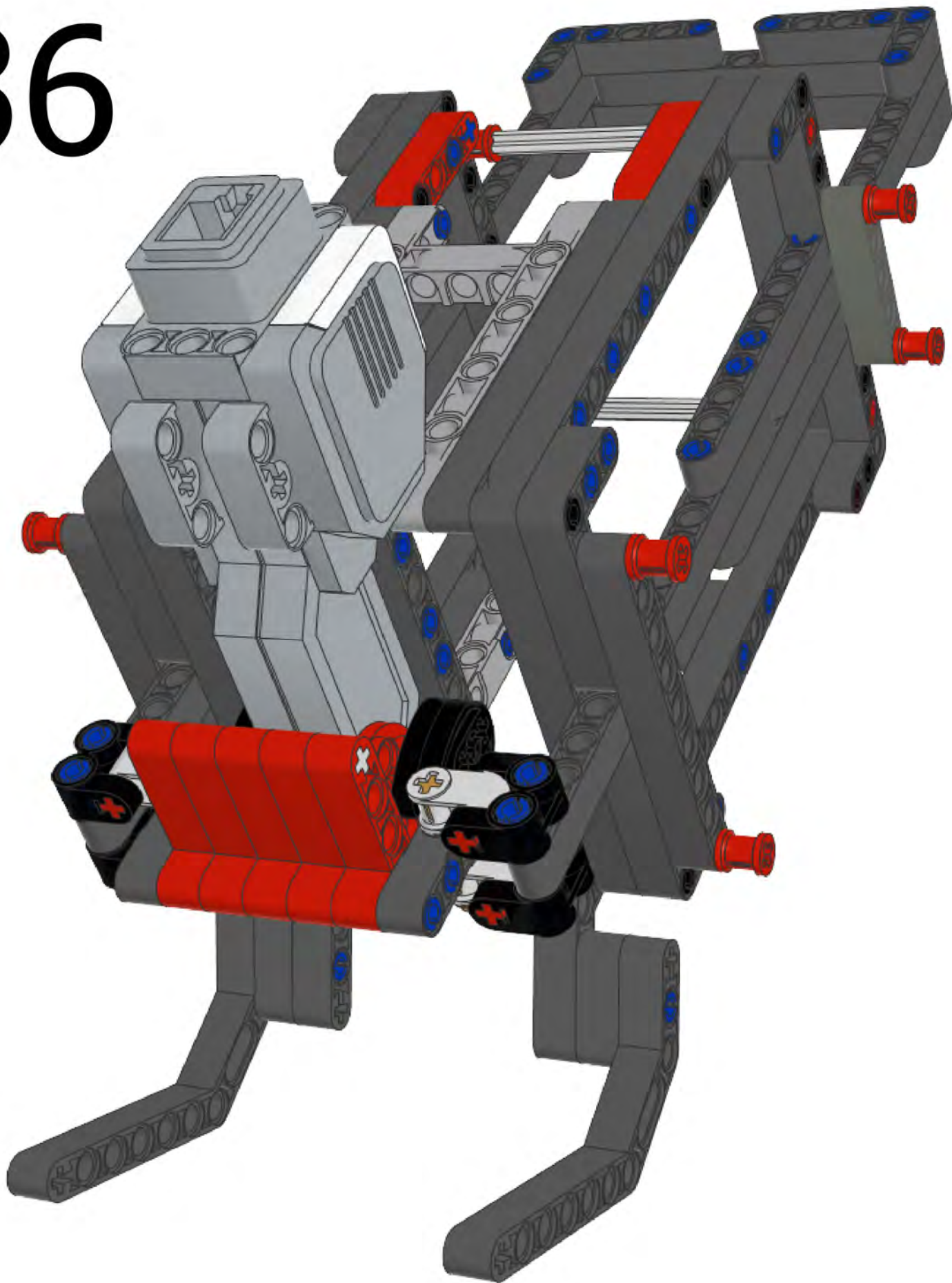
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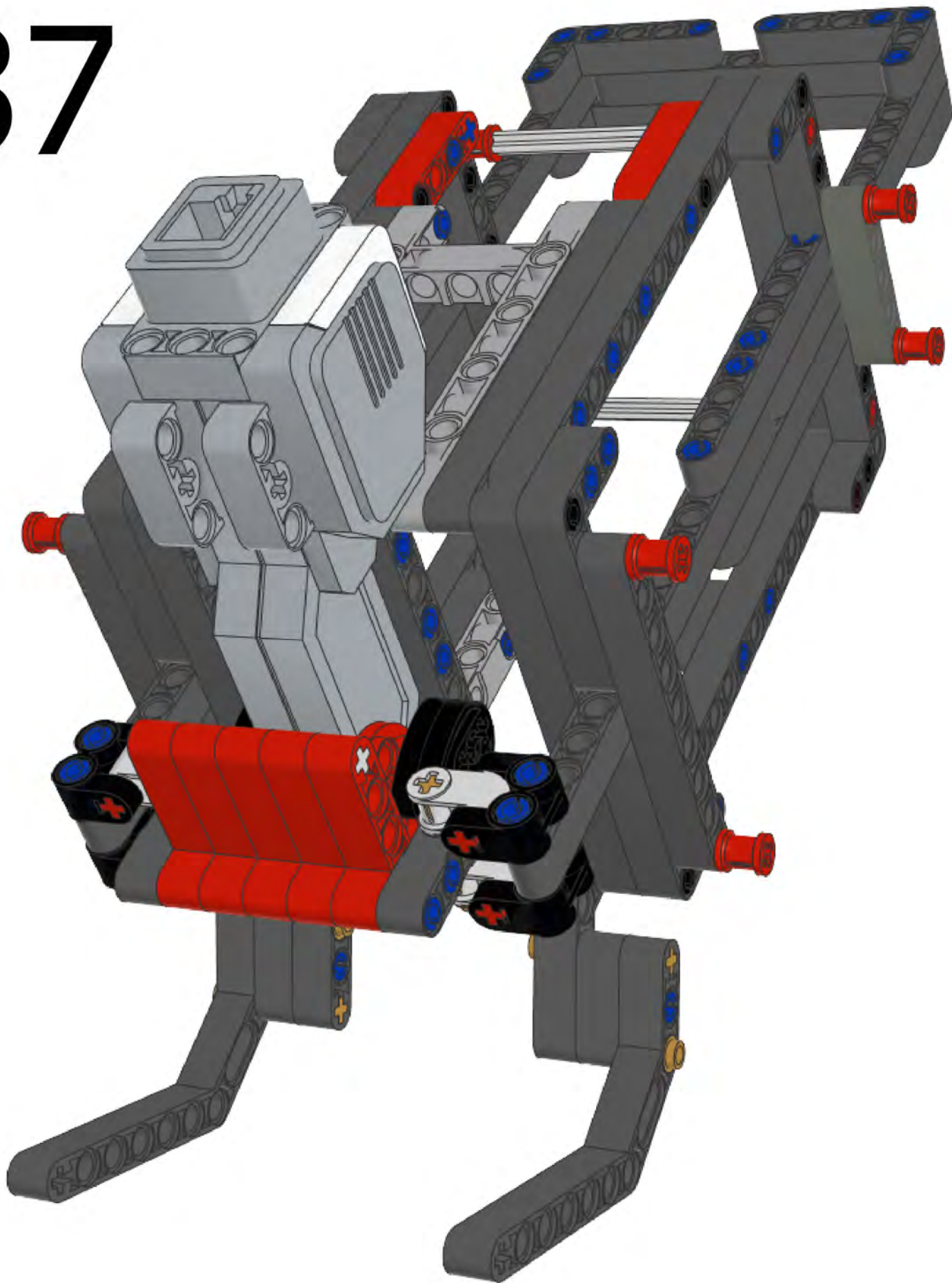
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36



37



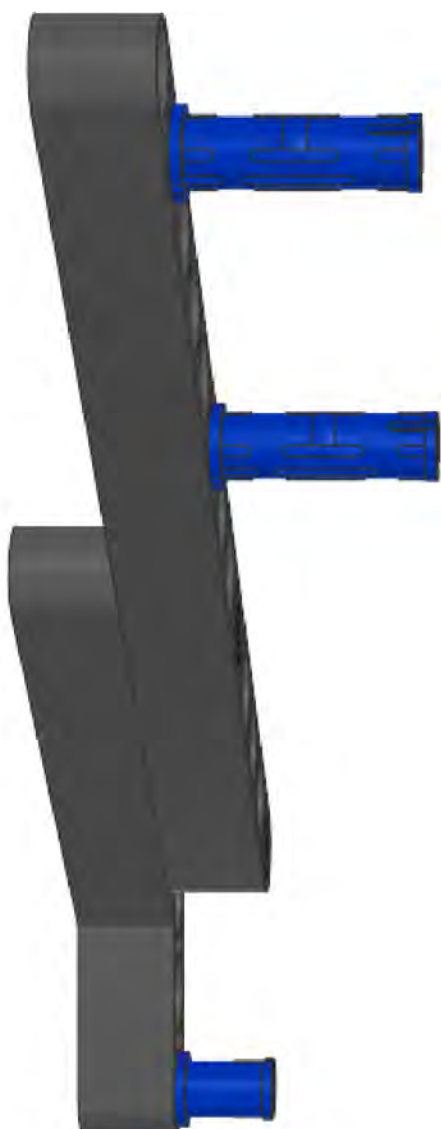
Sensor Arm

This parts will support the front of the cage and hold the IR sensor.

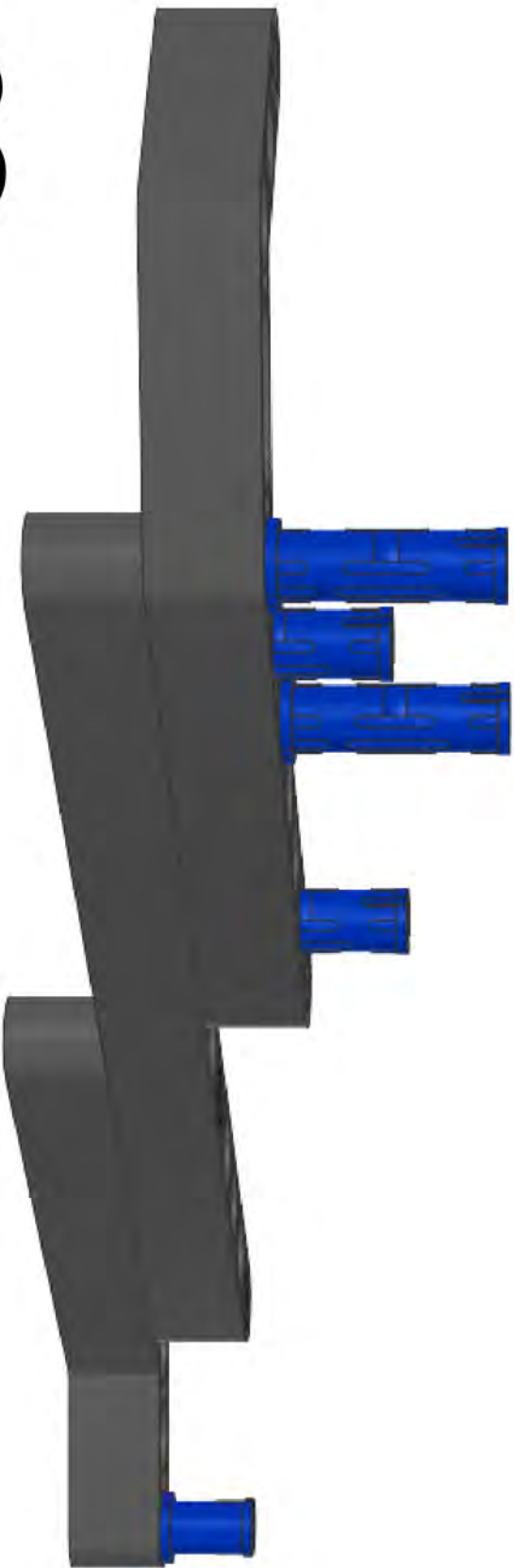
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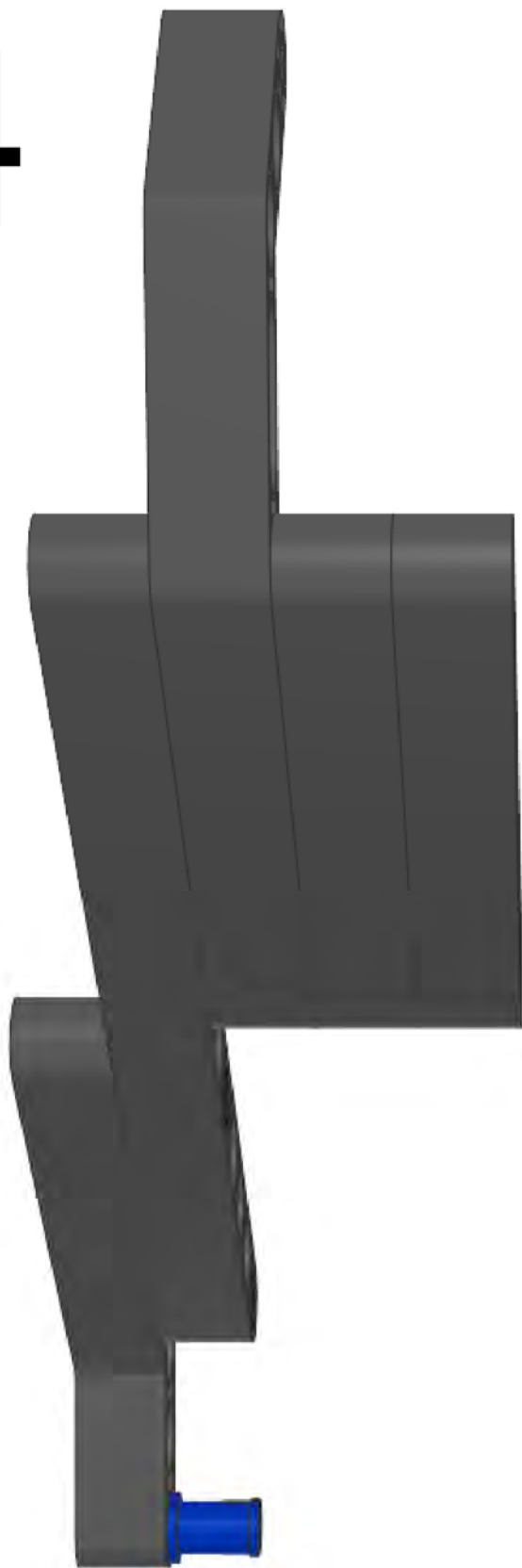
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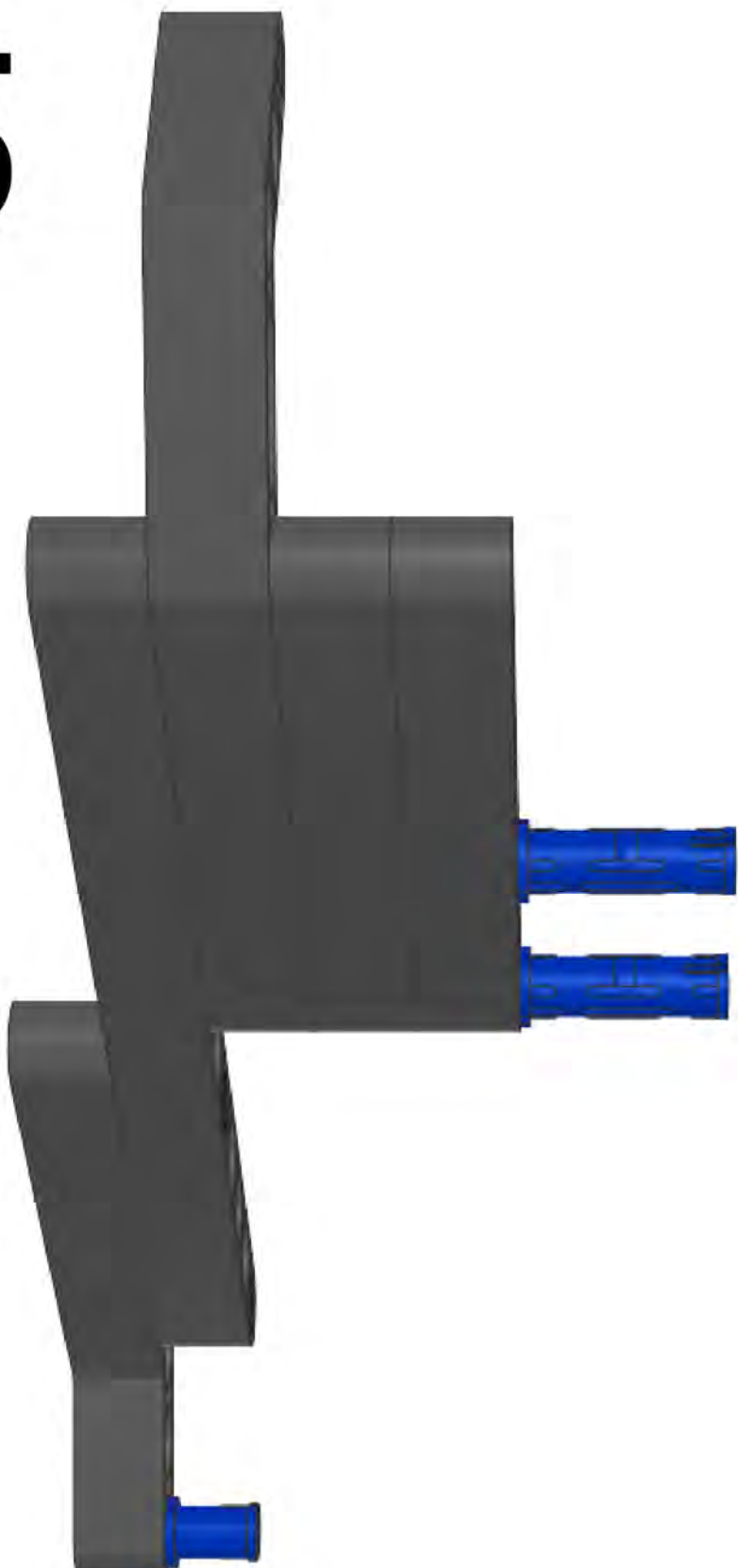
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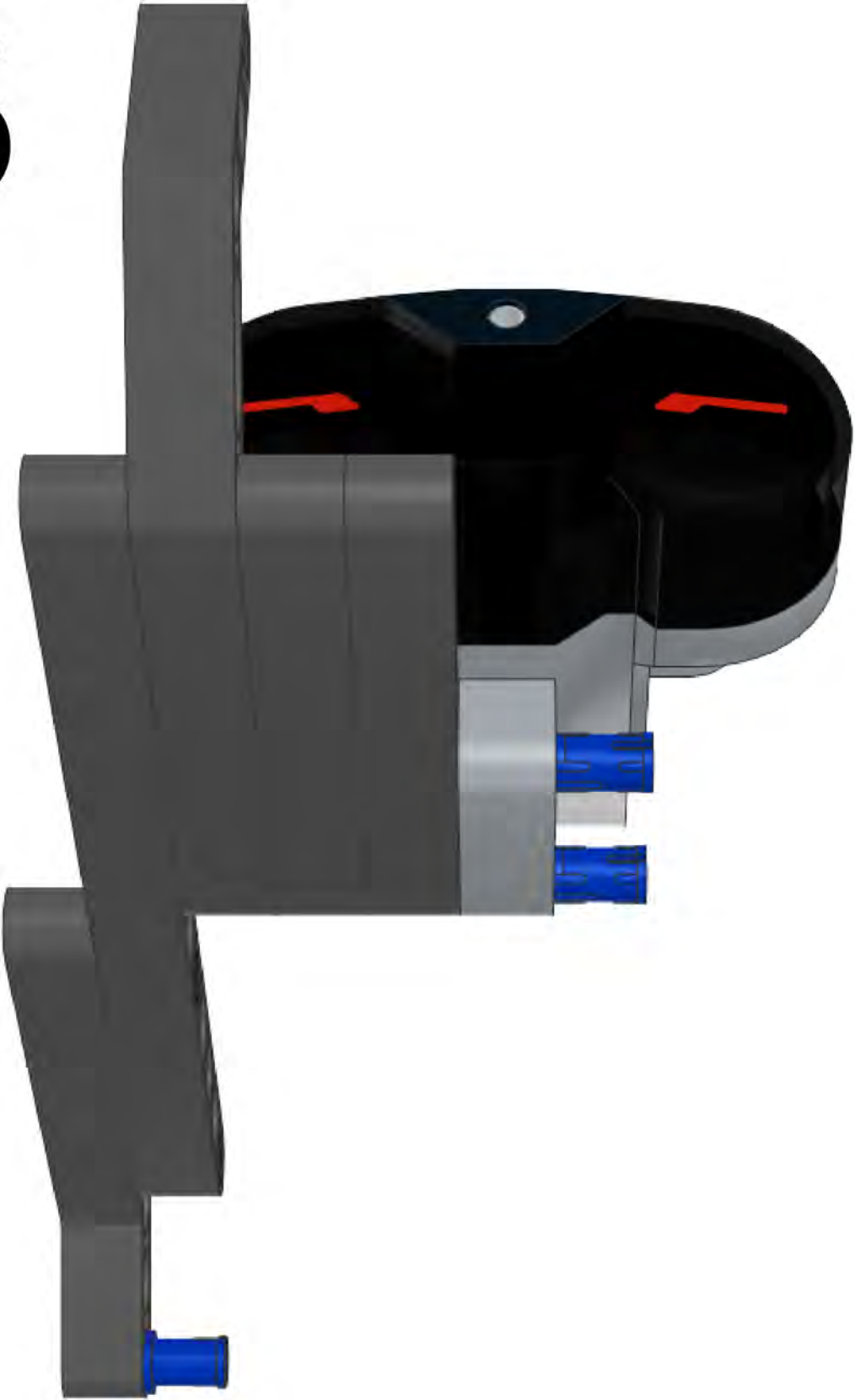
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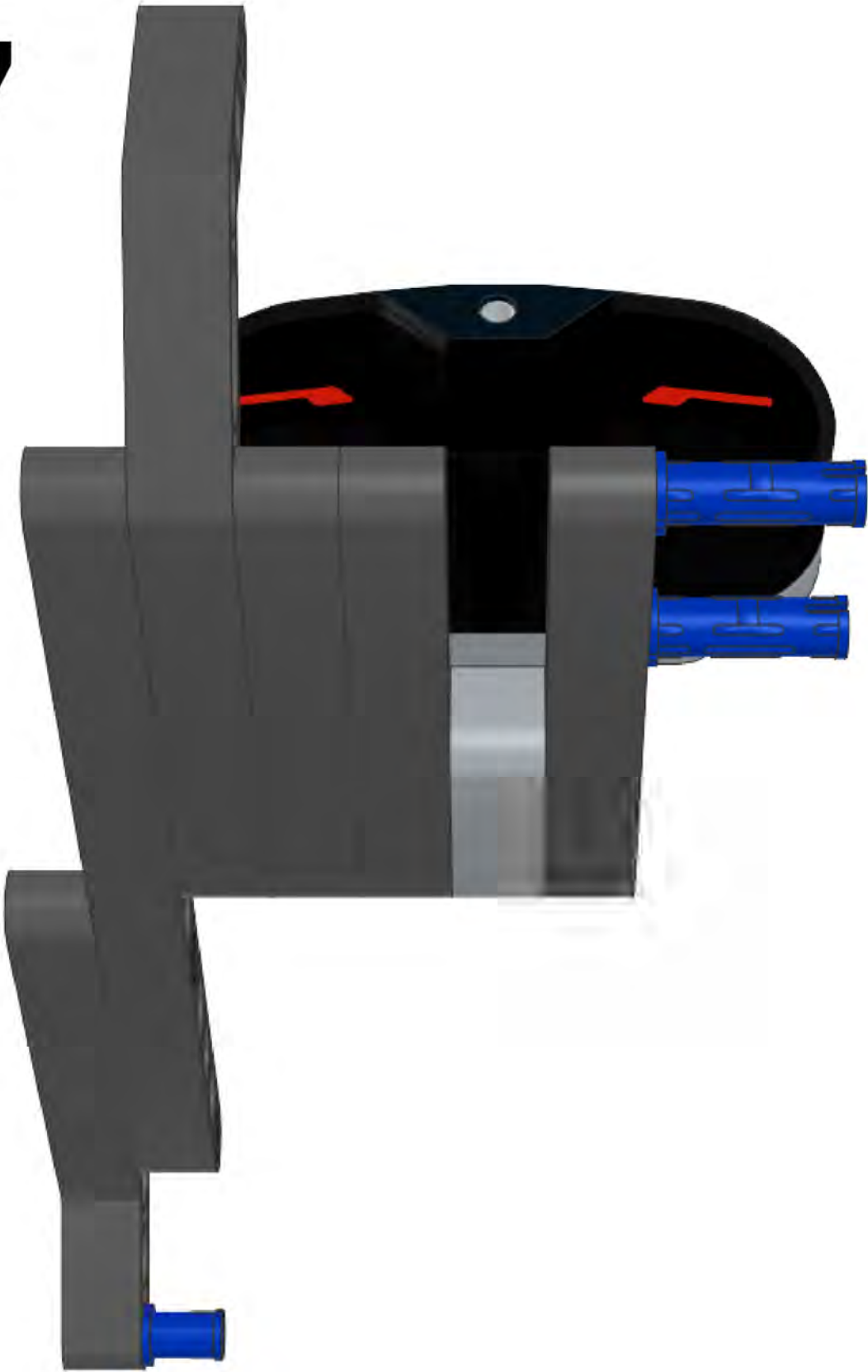
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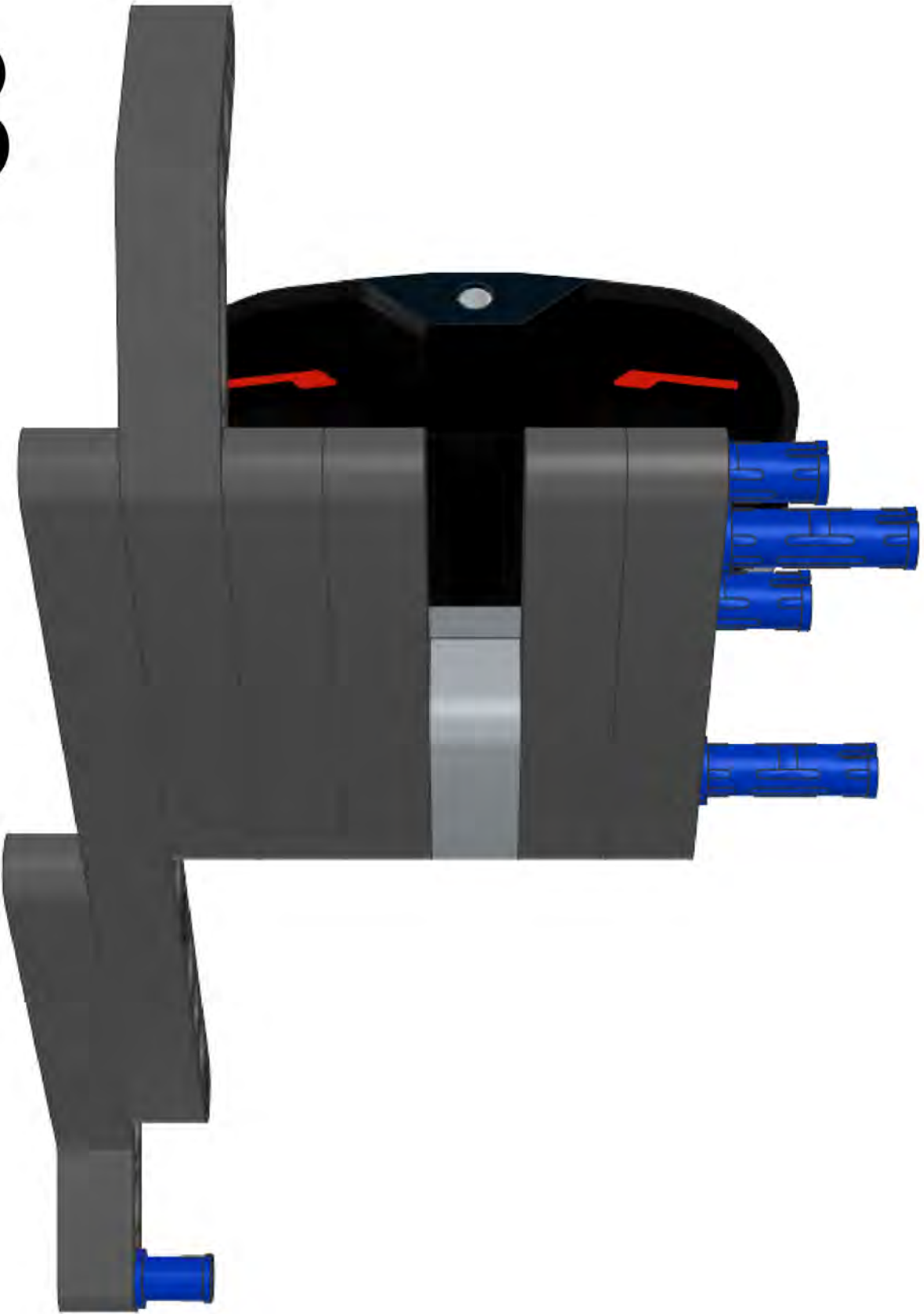
6



7



8



9



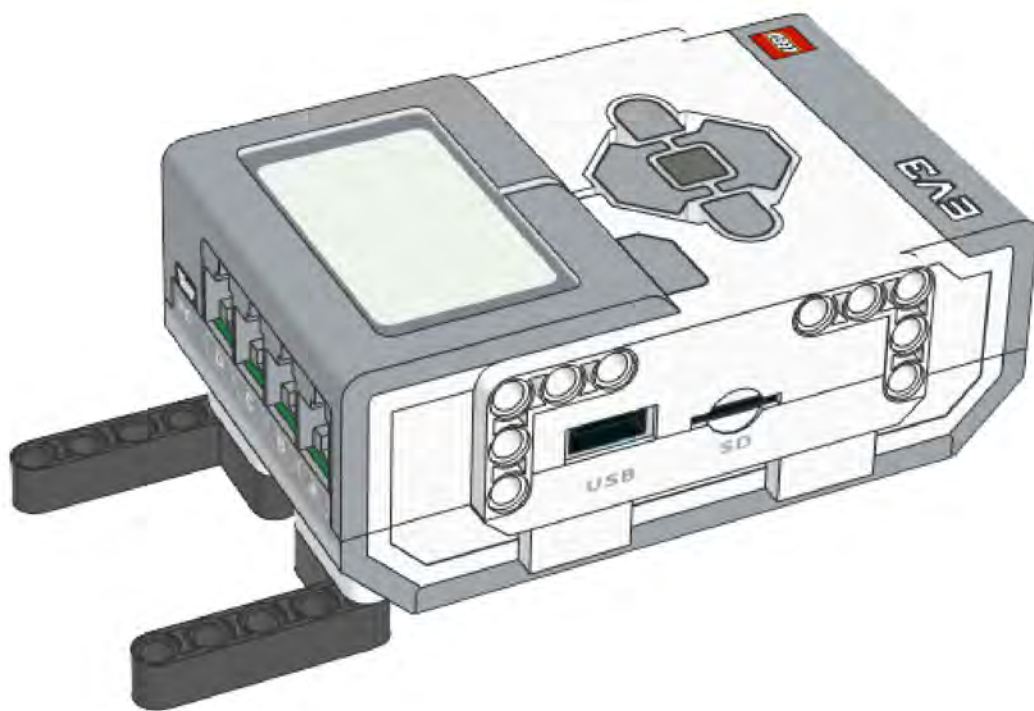
Base

Now it's time to put it all together into the final machine.

1



2



3



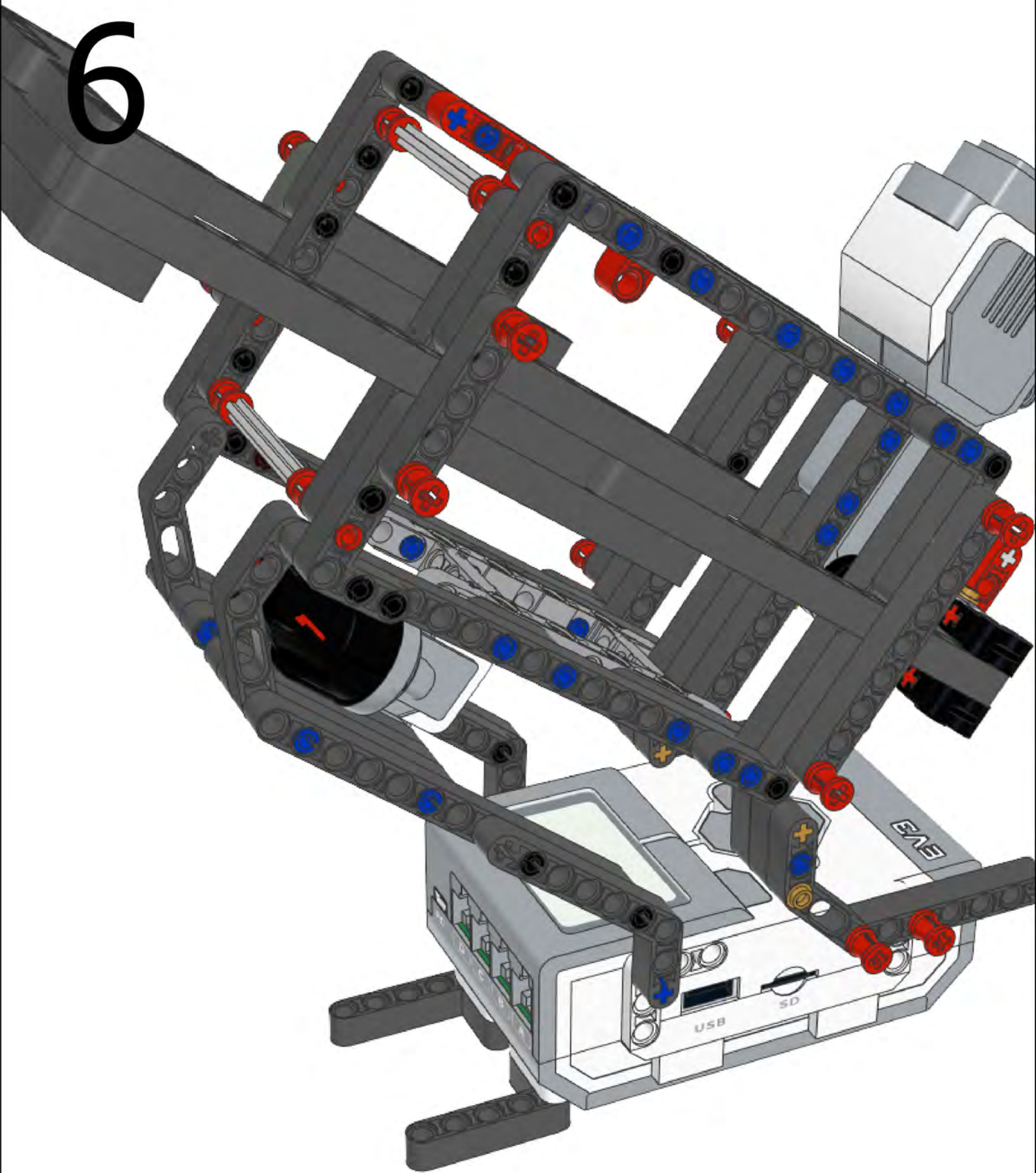
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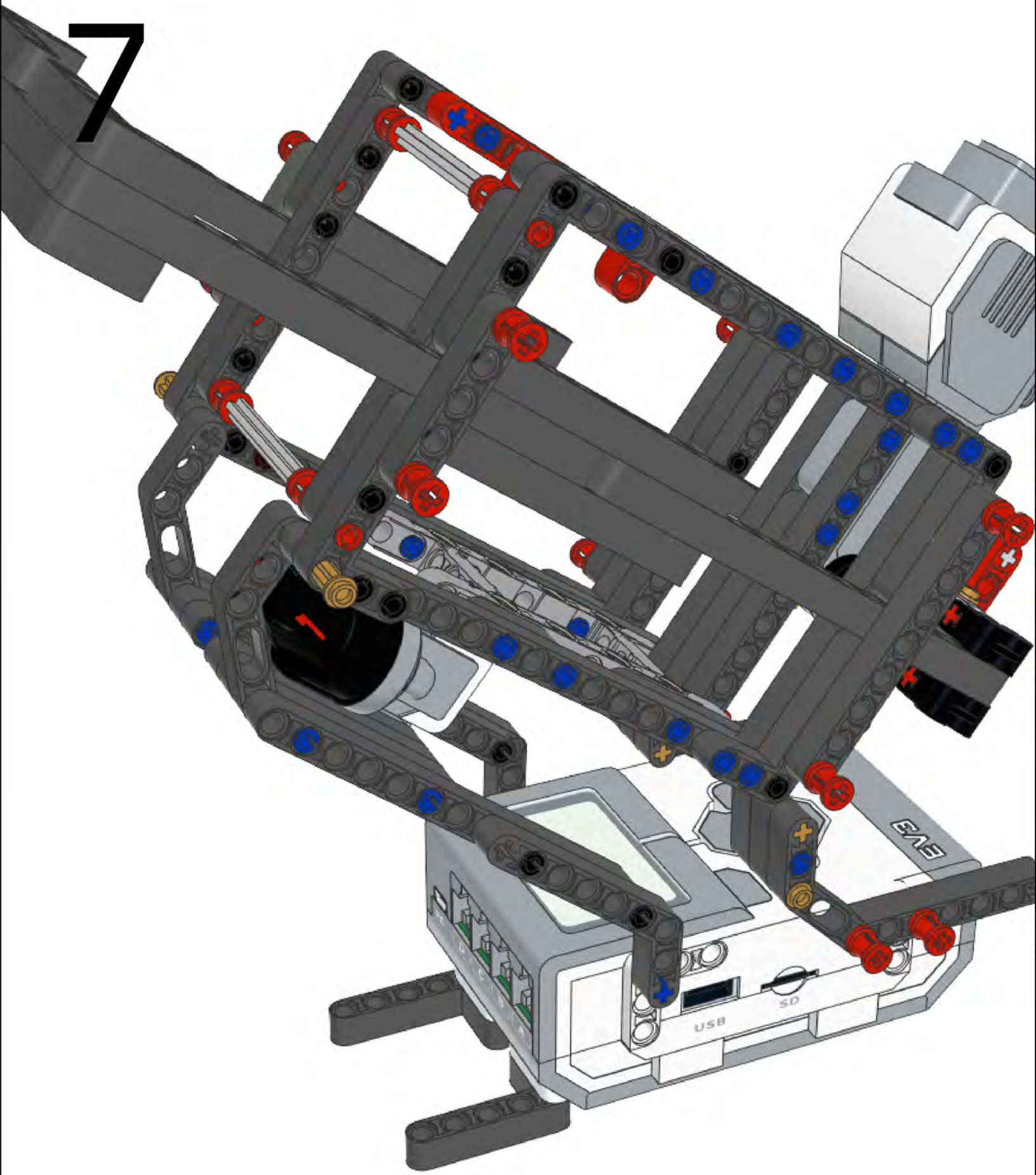
5



6



7



Finishing Up

Now line the sensor arm up and push the axles from the last step through, then connect the motor to port A and the sensor to port 1.