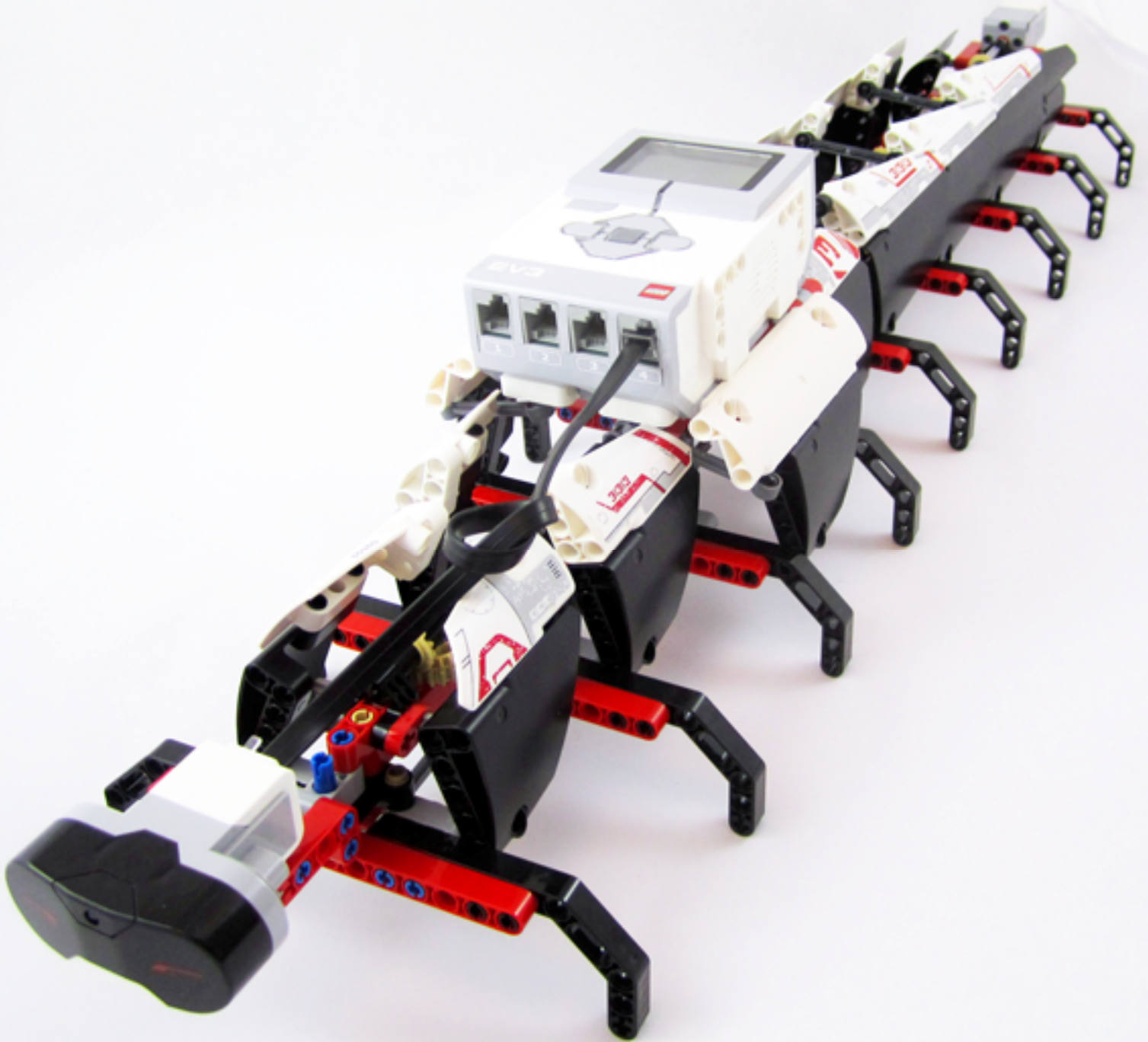


EV3 CENTIPEDE



BART "BUSTERHAUS" OLSZEWSKI

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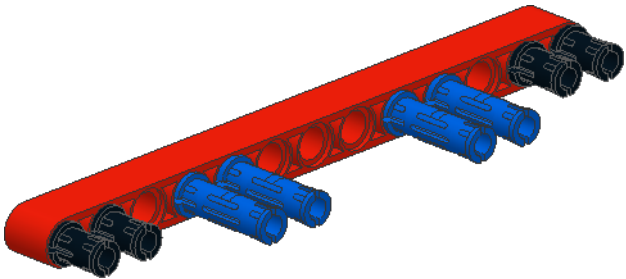
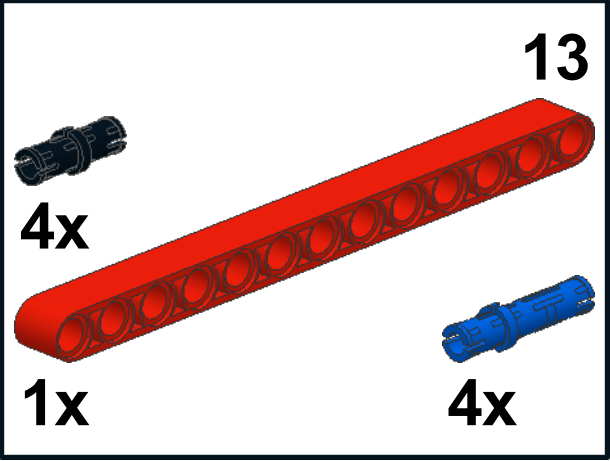
The following pages contain building instructions for the EV3 Centipede. Only the leg mechanism is included. This mechanism was developed by Isogawa Yoshihito and was scaled up to fit this model.

The EV3 Centipede is modular, so you can include as few or many legs as you want.

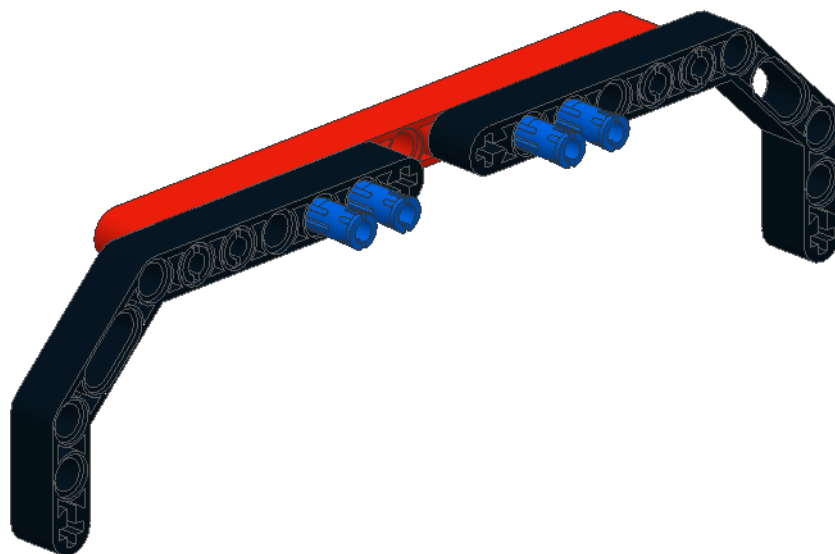
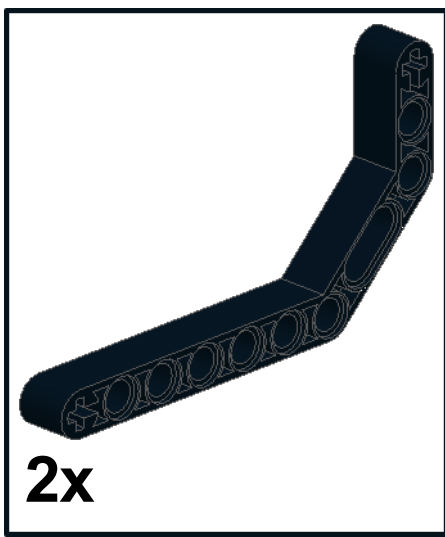
The drive can be done through any Lego motor and power supply. You can probably use a wind-up motor. It was tested with the EV3 brick, which is fairly heavy and affects the motion a little bit. Anything lighter will improve performance.

The flexible shielding in the cover picture is optional – the model works without it.

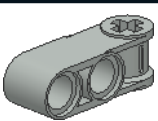
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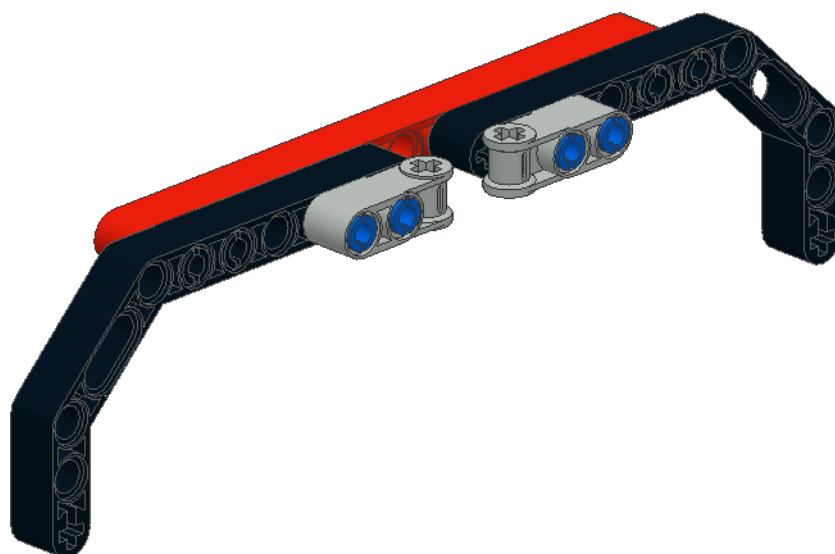
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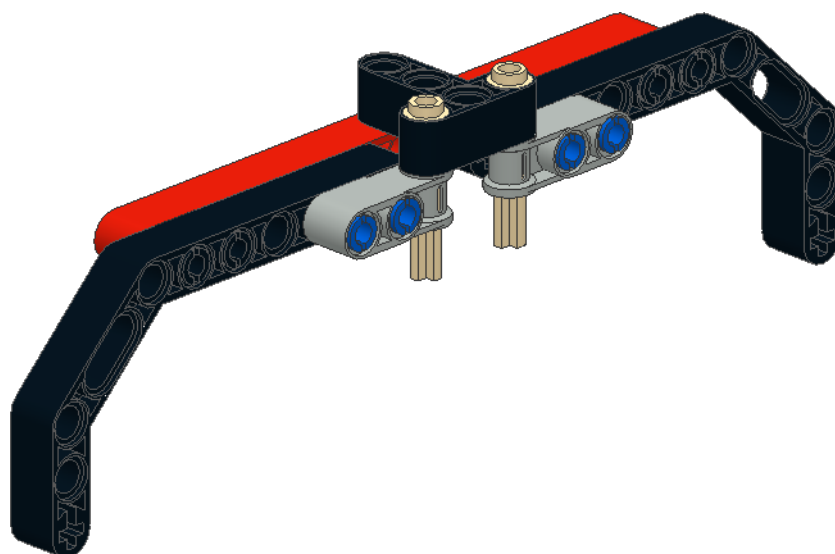
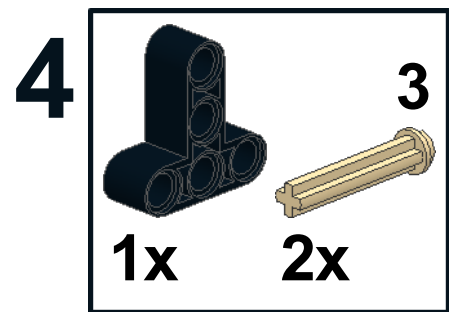


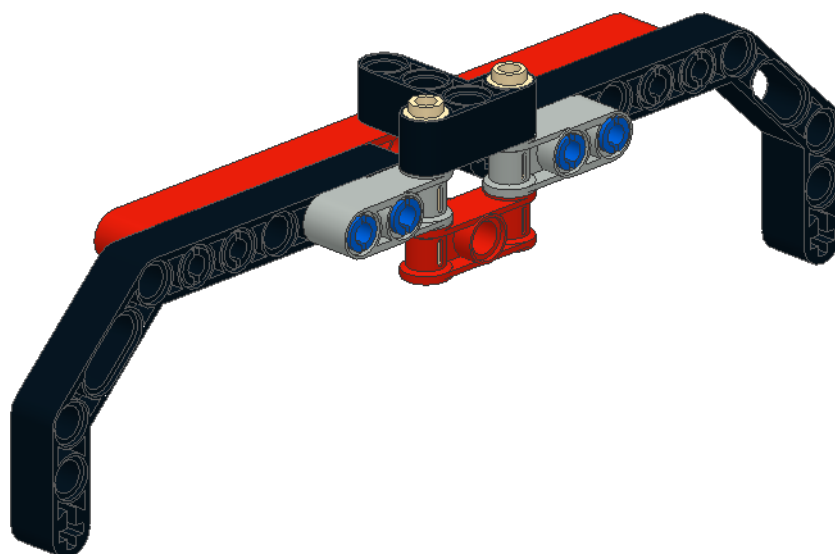
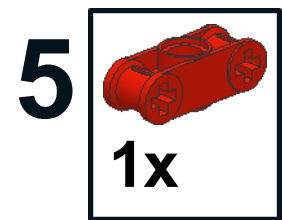
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2x

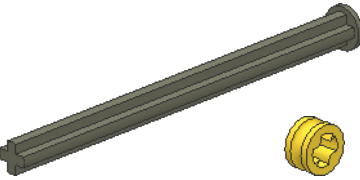







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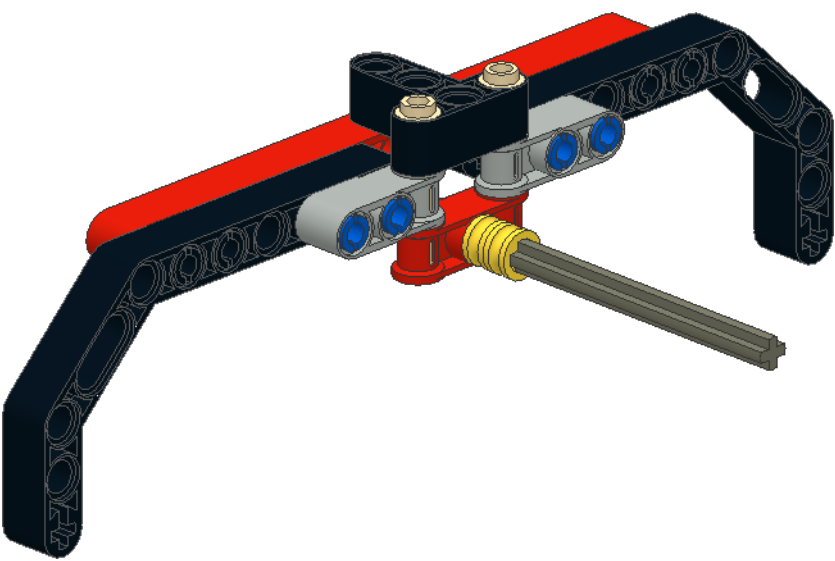
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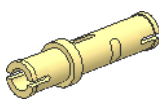
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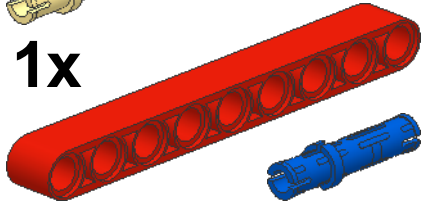
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7



1x

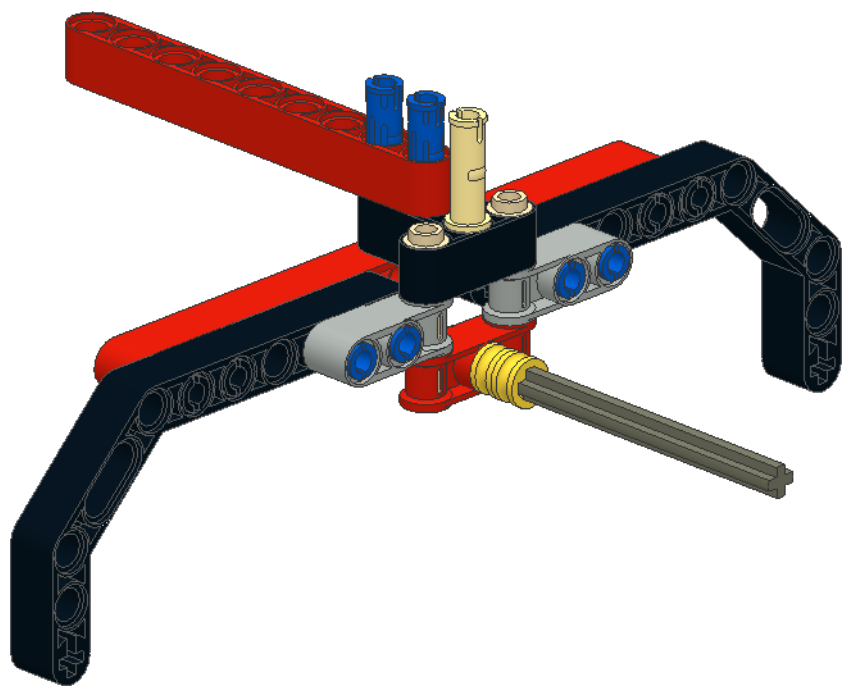


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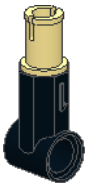
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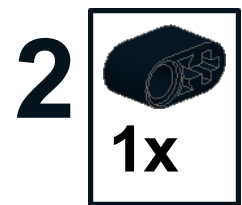


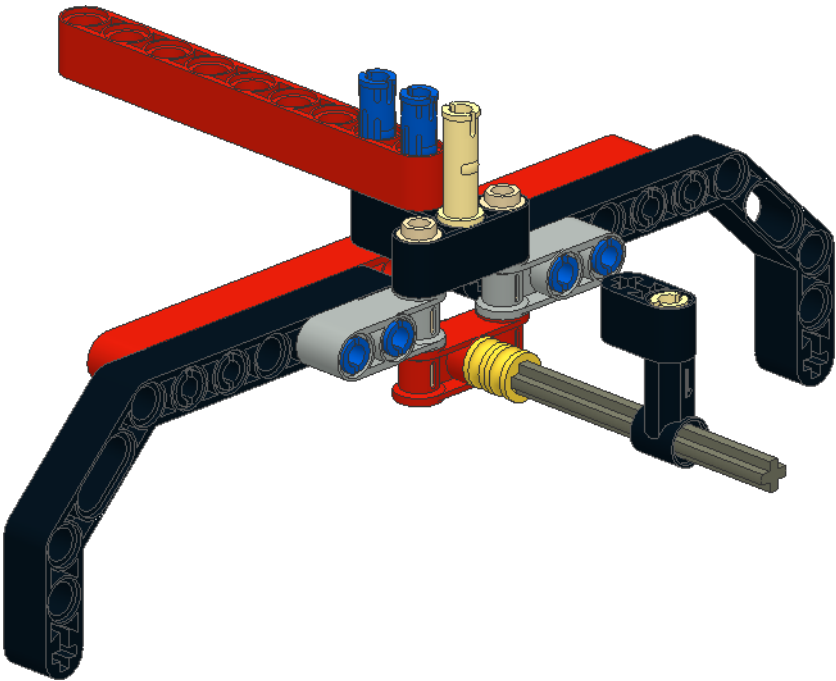
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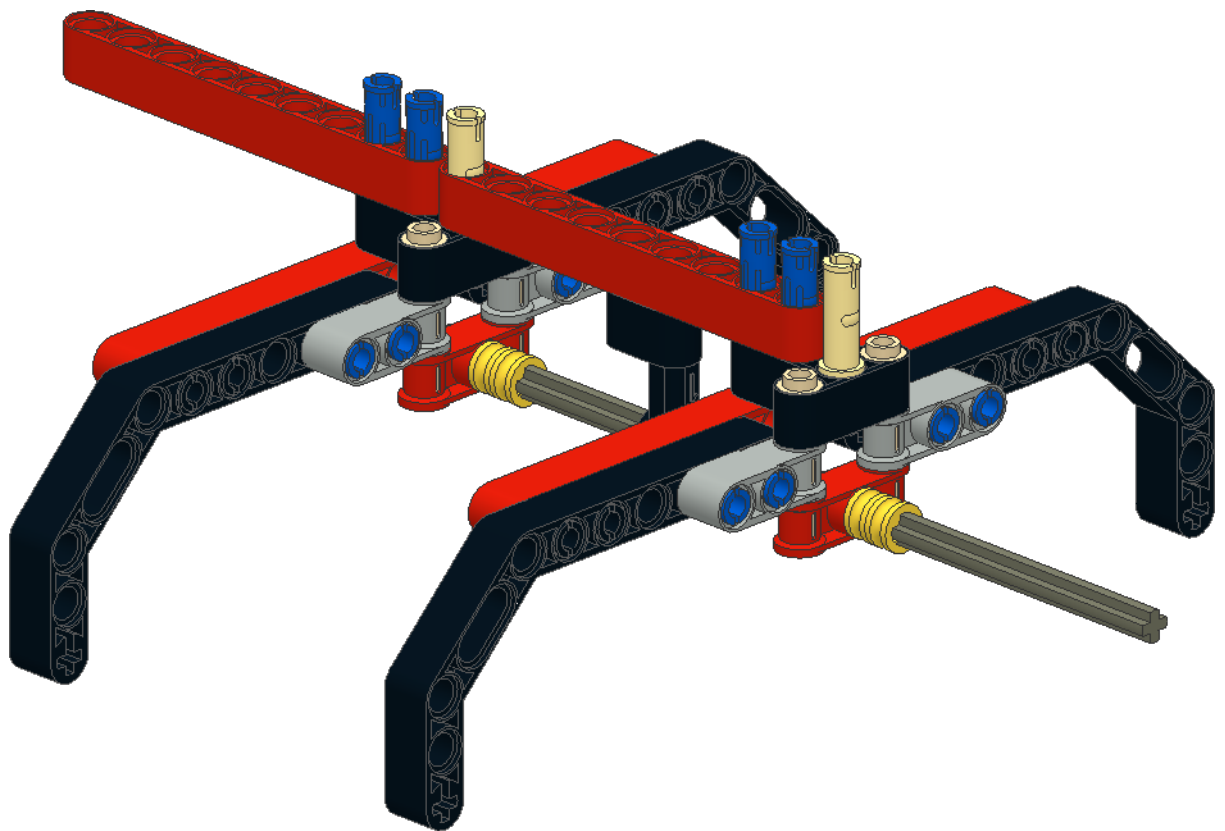

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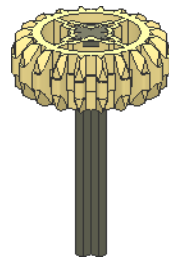
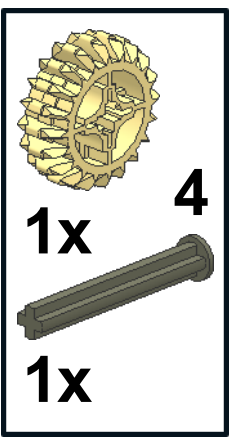

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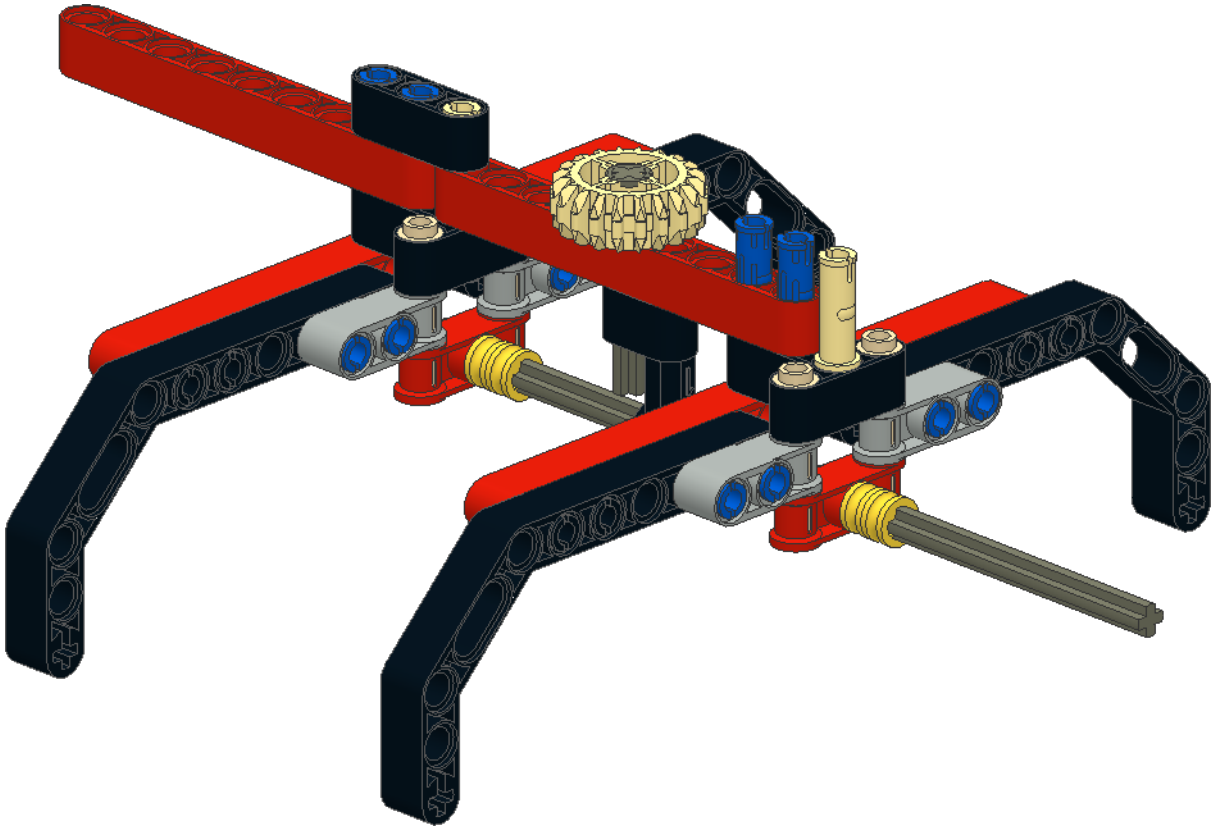


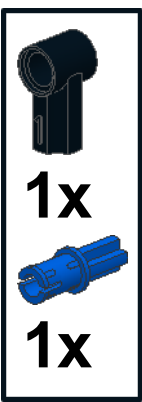
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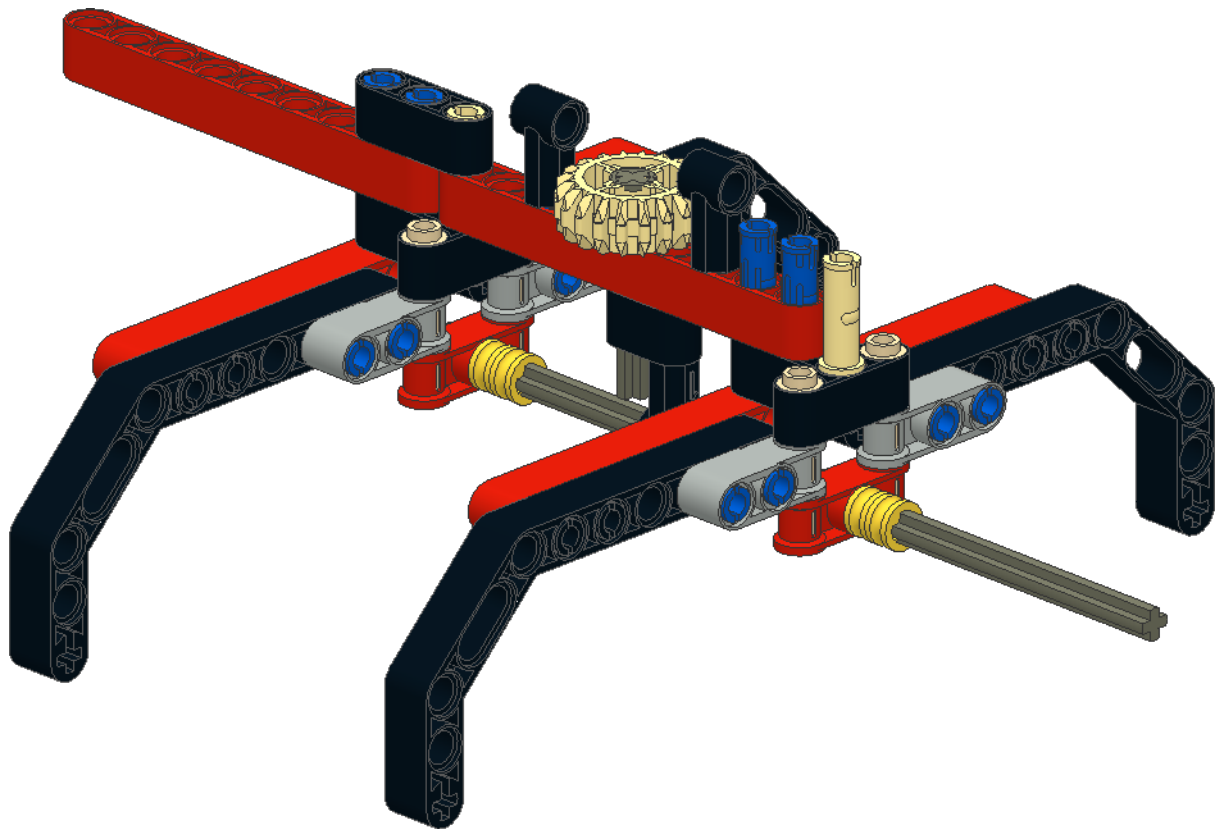
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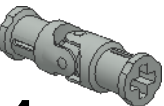
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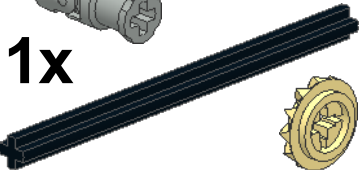





5



1x



1x



1x

8

