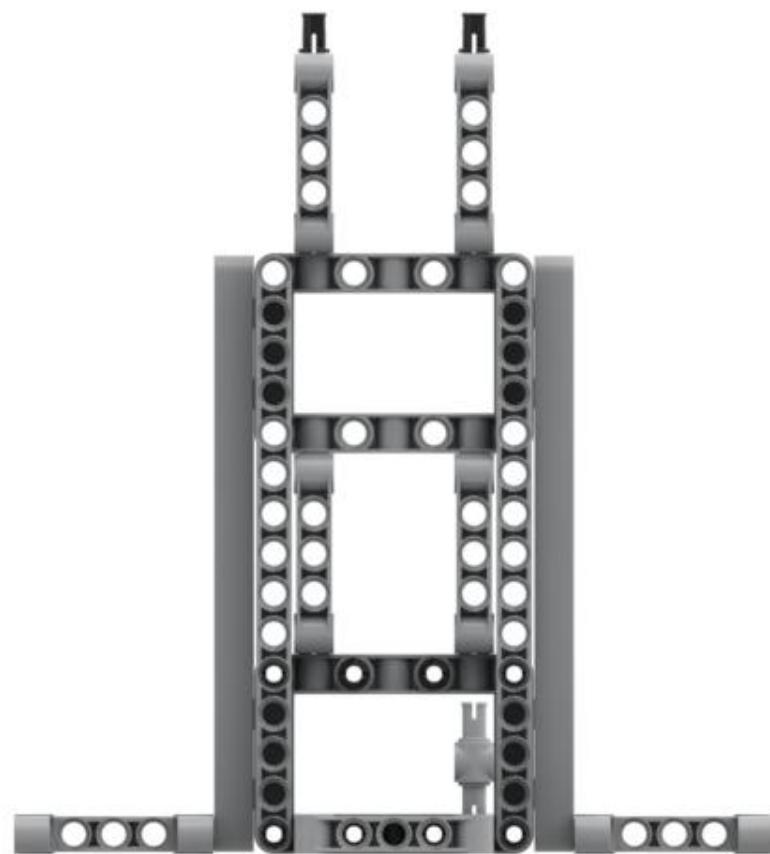
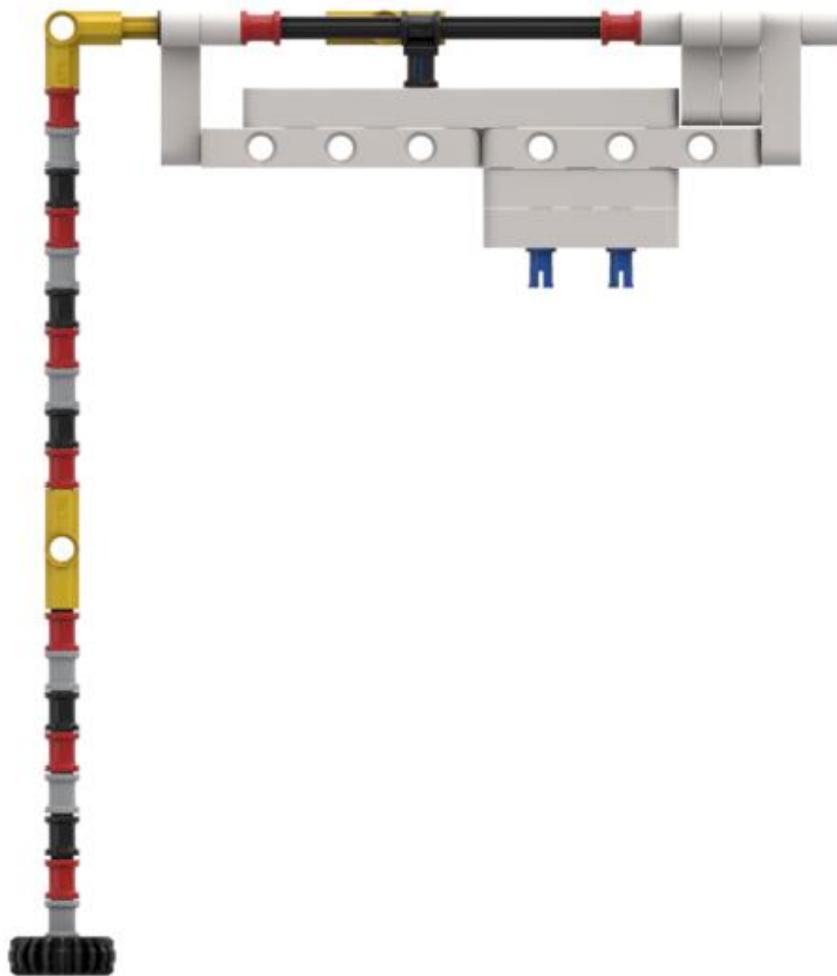


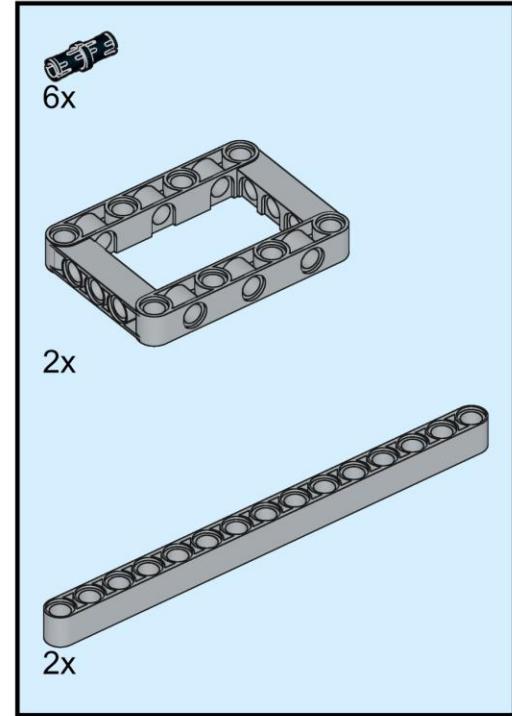
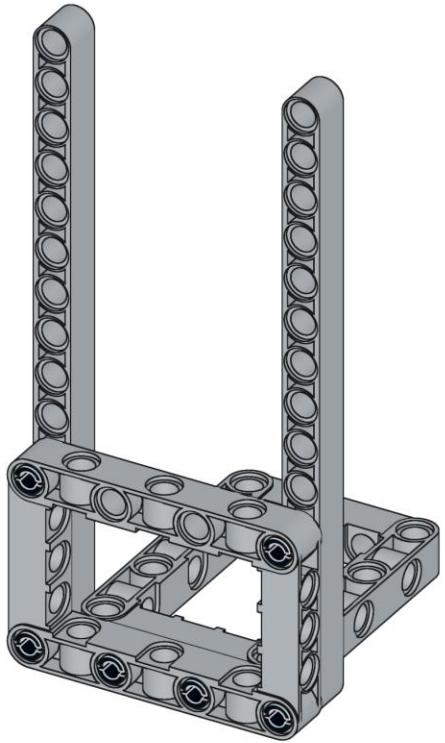
# 回転型倒立振子の組み立て



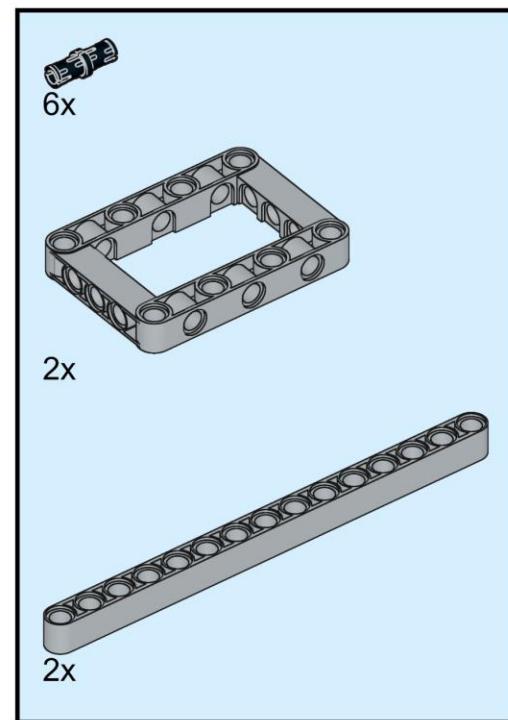
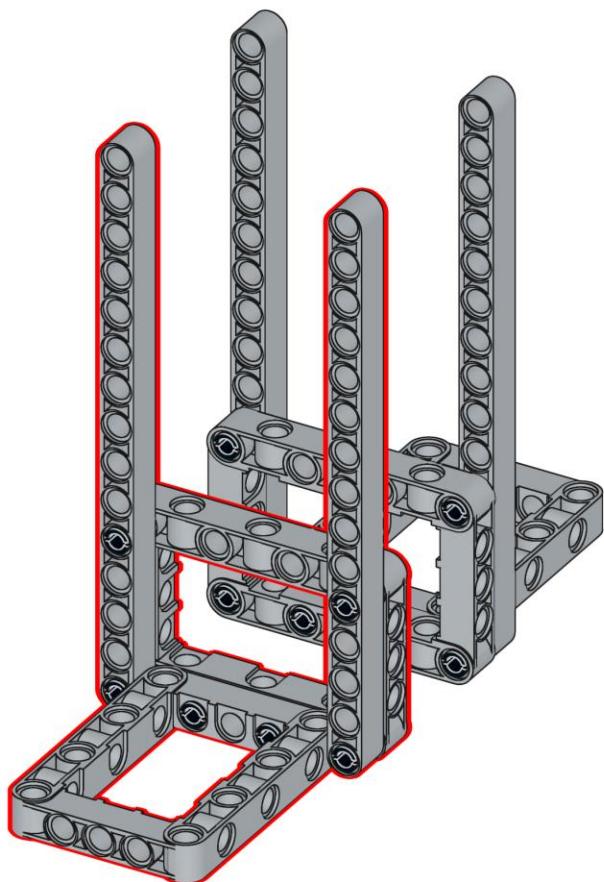
まずは、  
ボディの組み立て



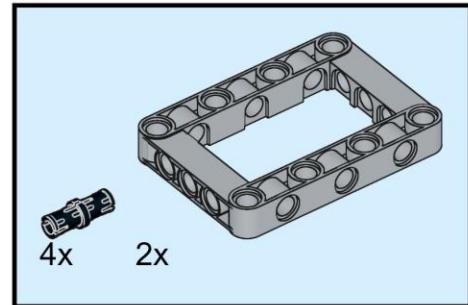
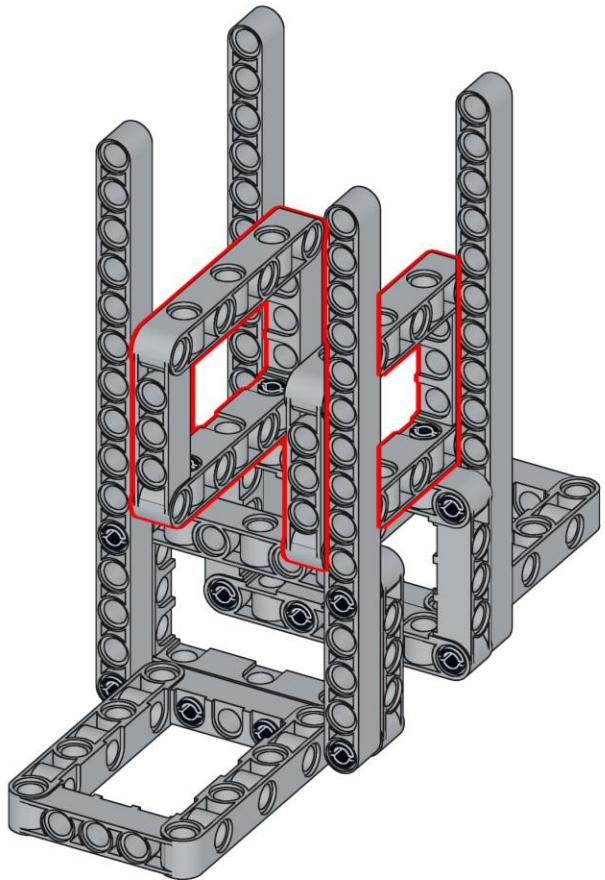
**1**



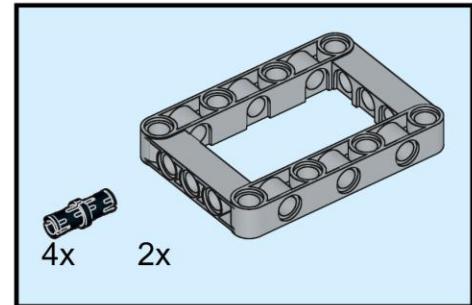
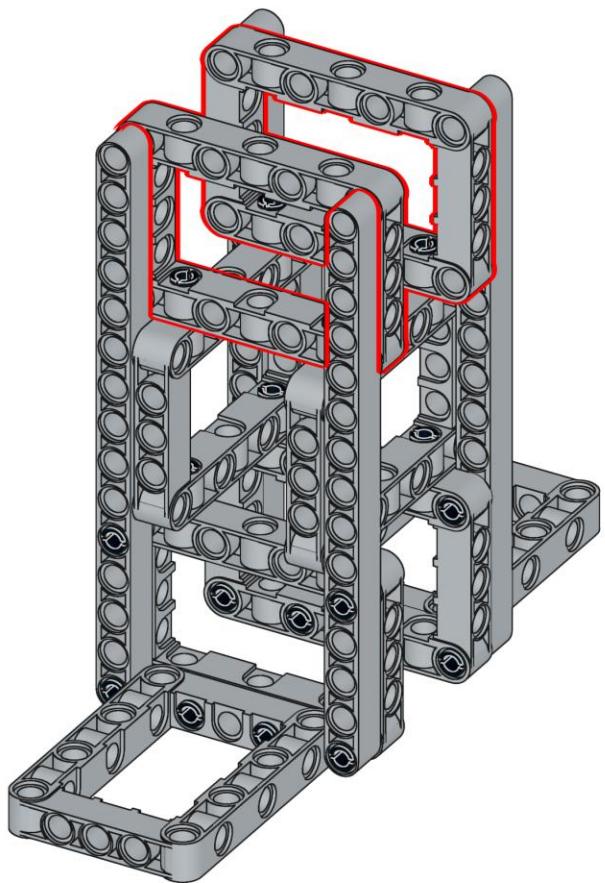
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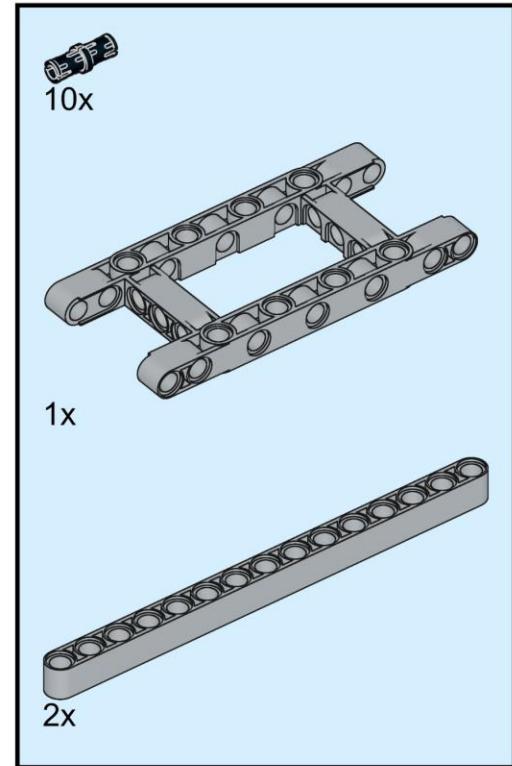
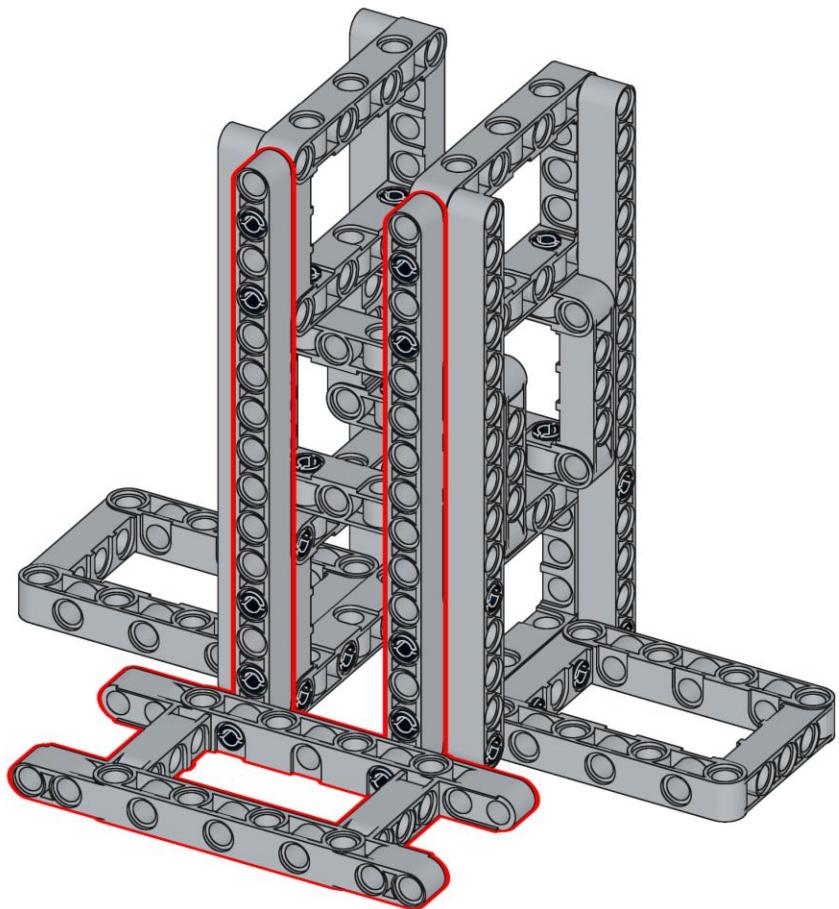
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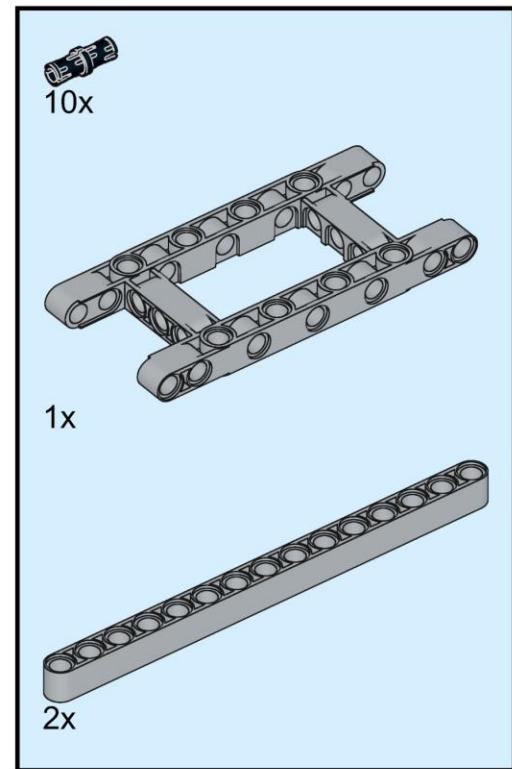
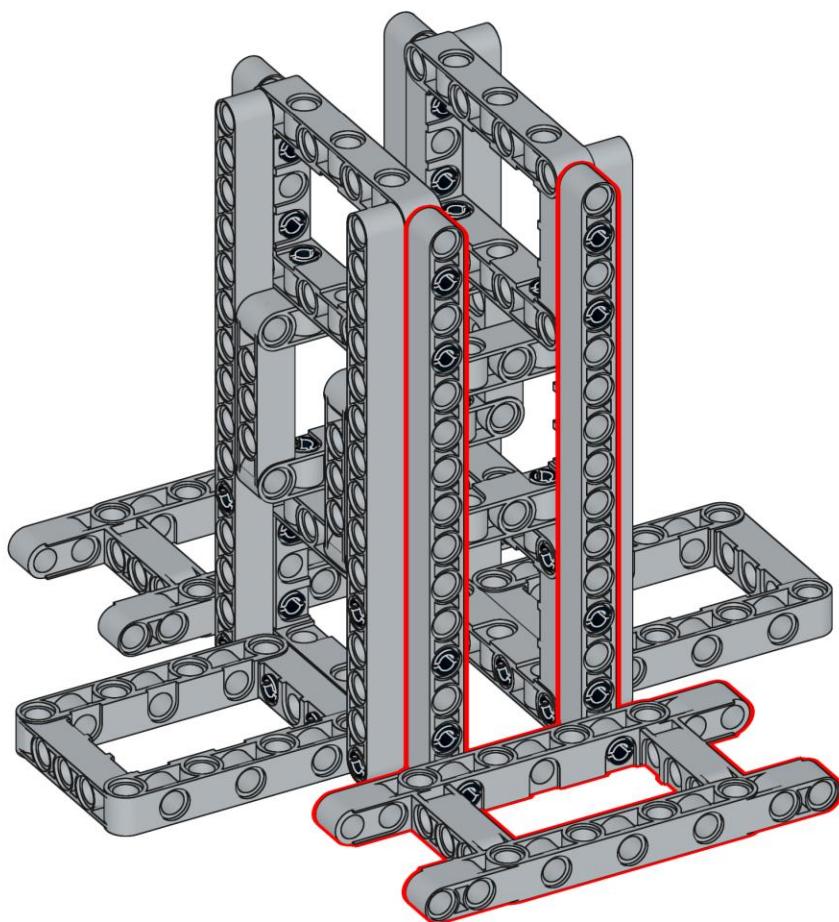
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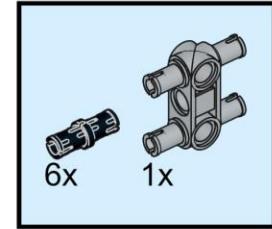
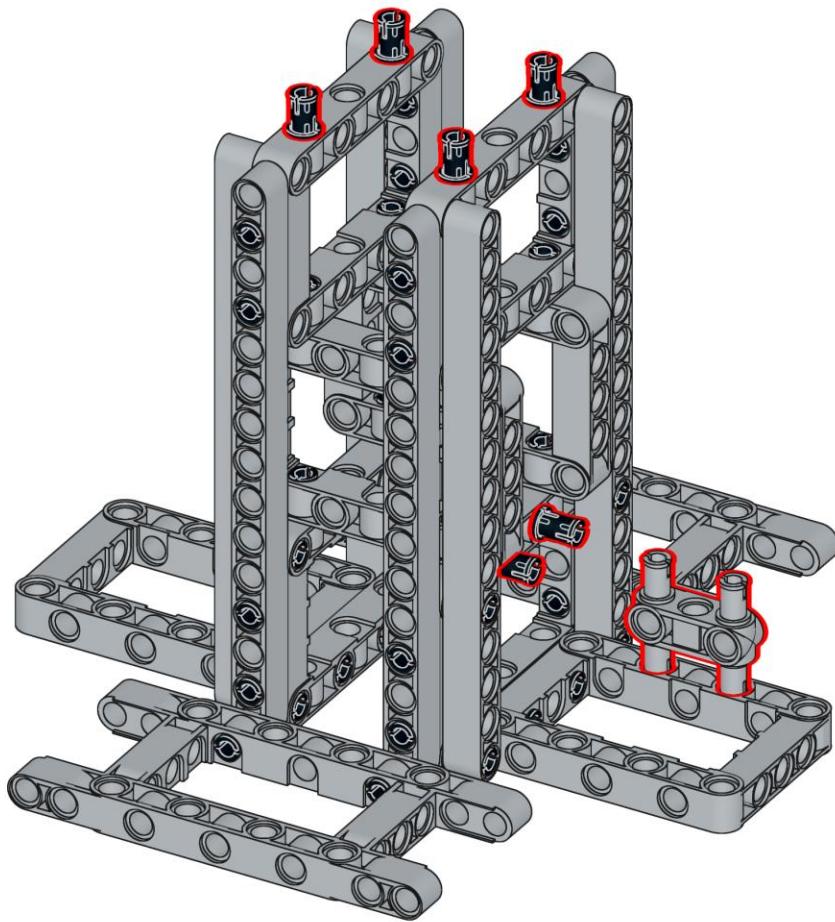
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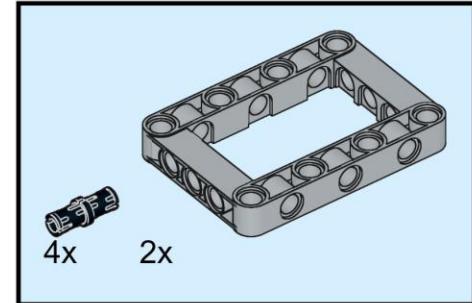
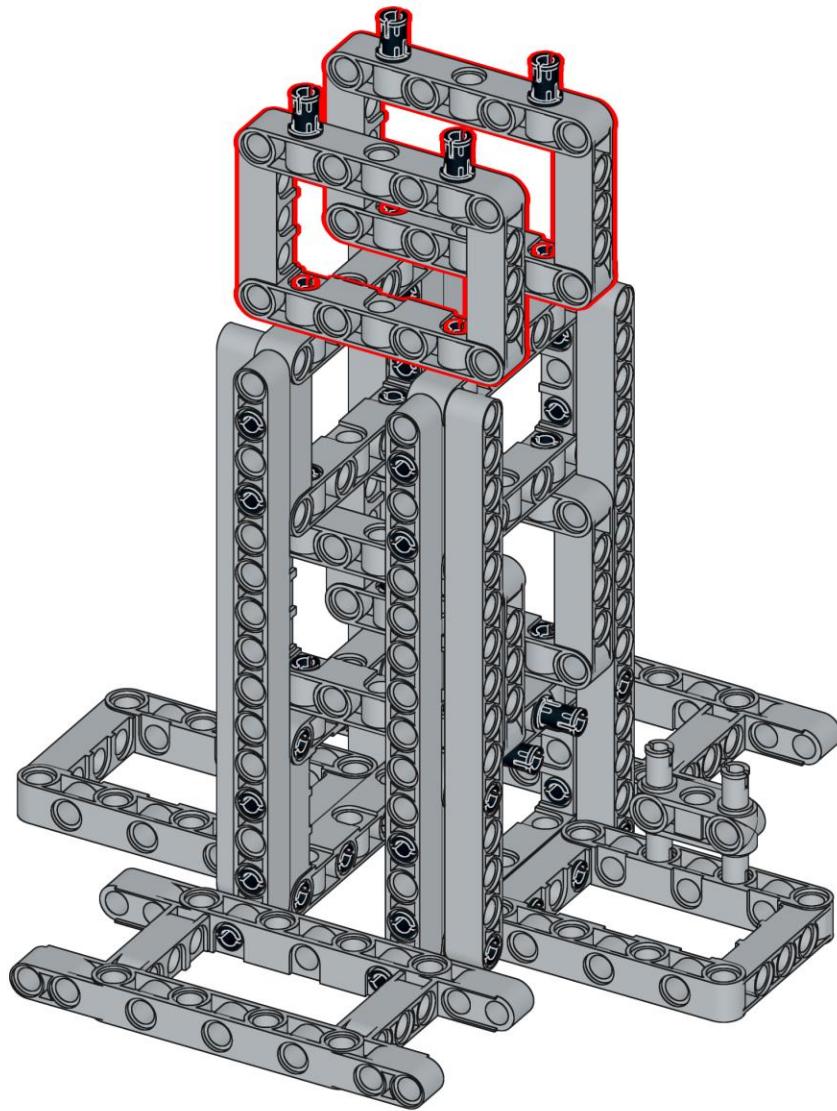
**6**



7



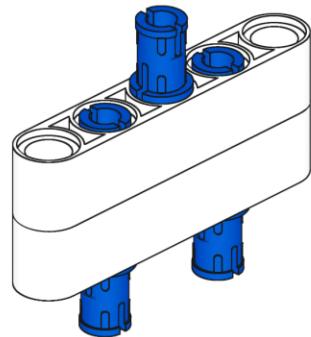
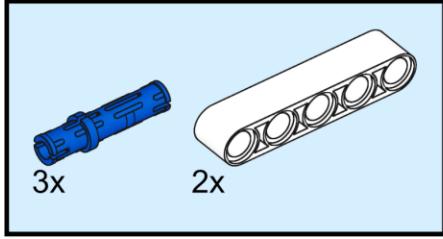
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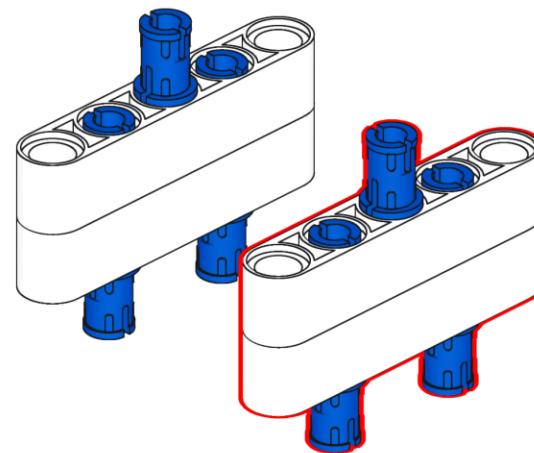
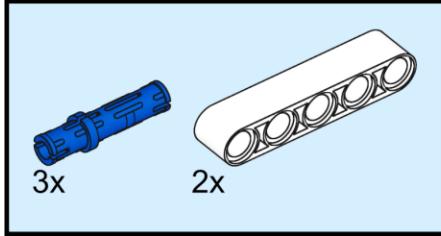
つぎに、  
アームと振子の  
組み立て



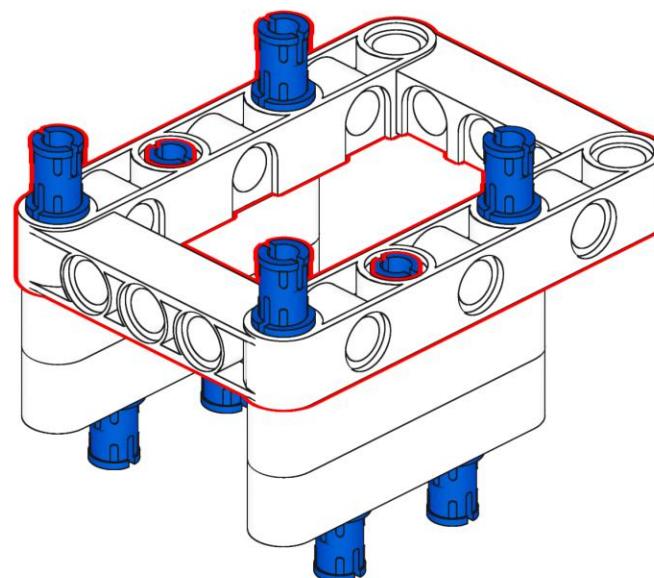
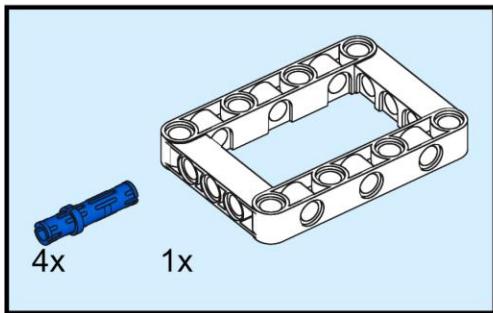
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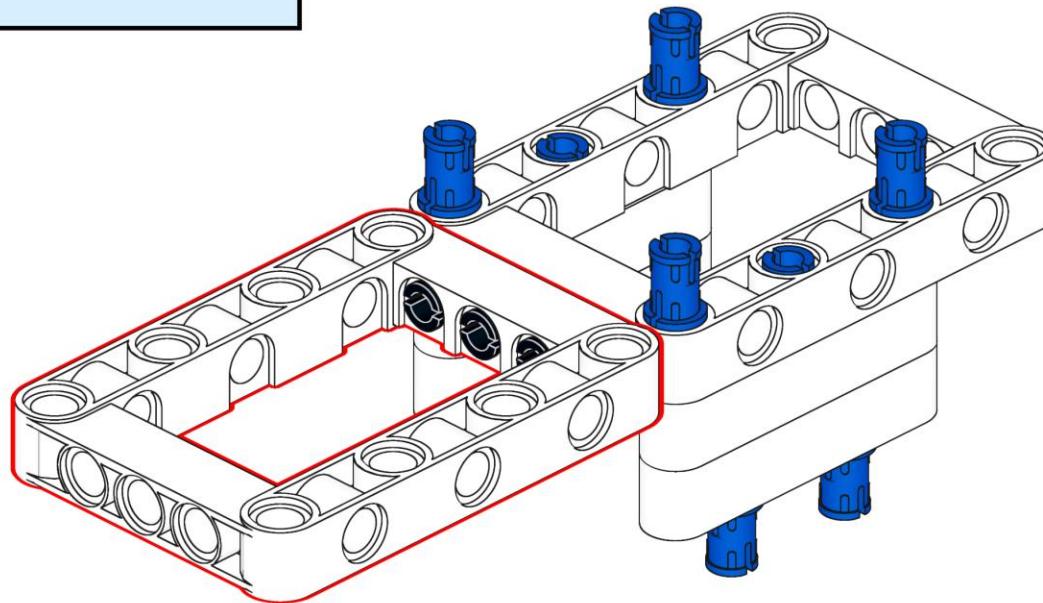
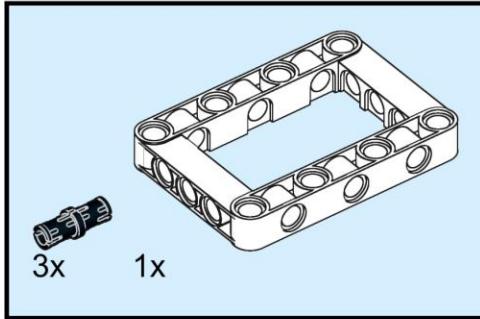
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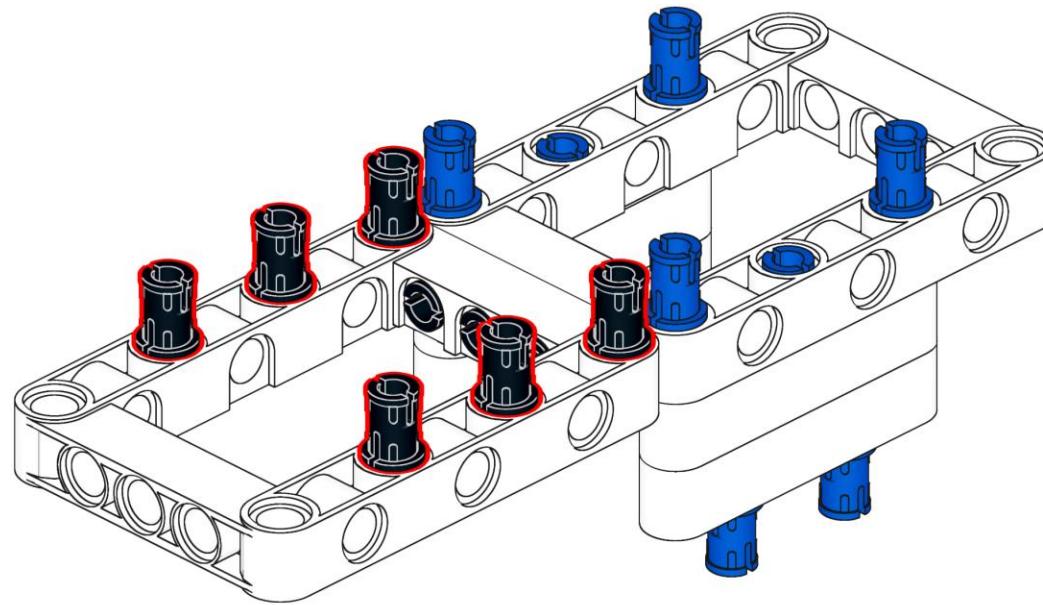
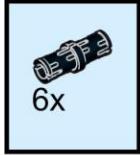
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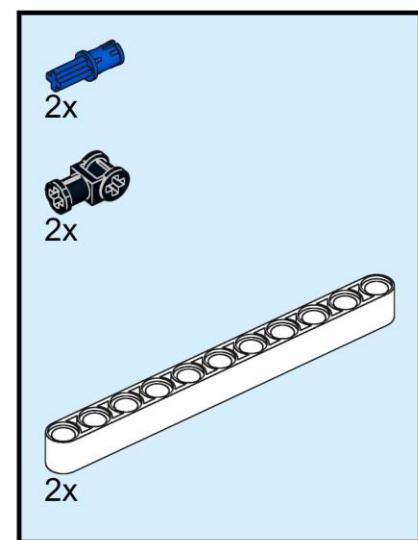
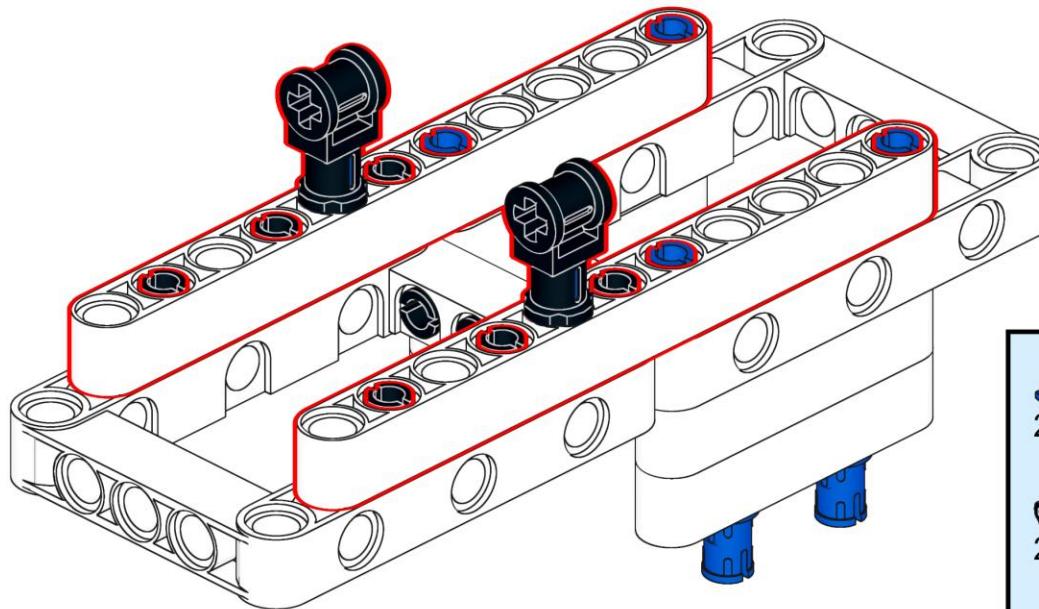
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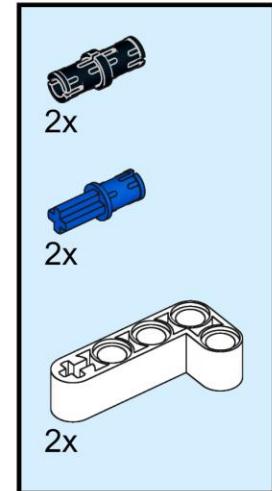
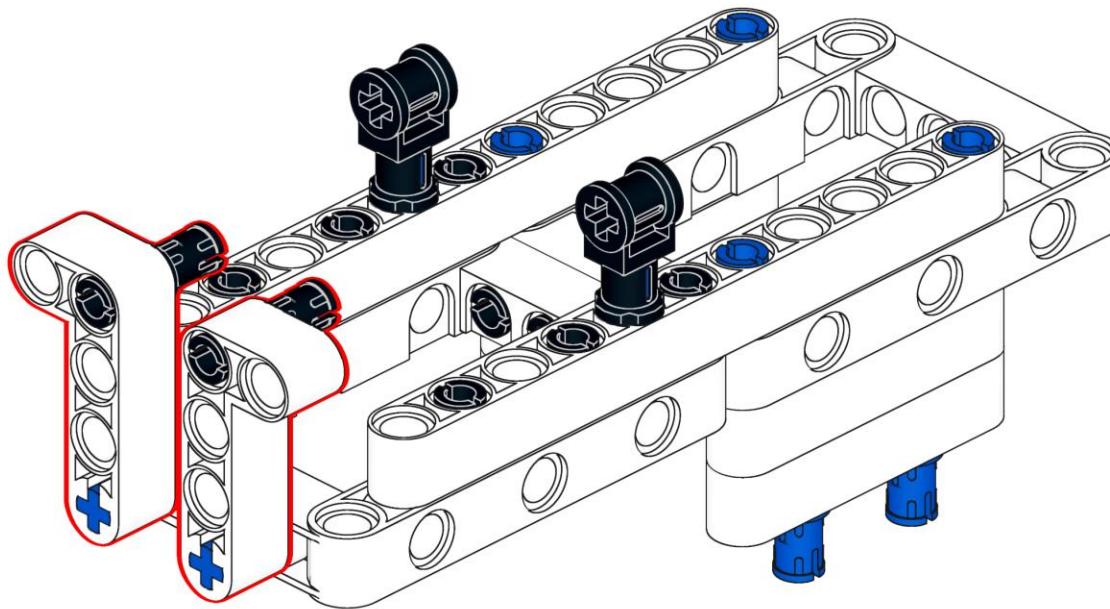
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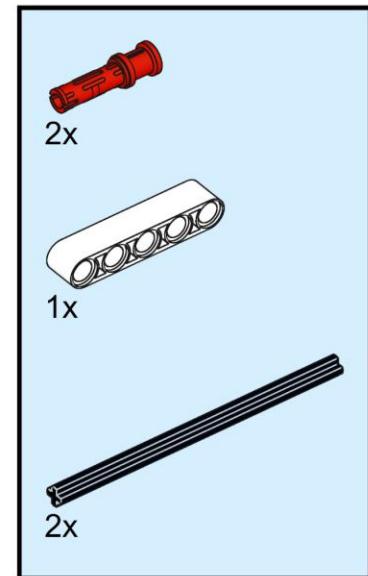
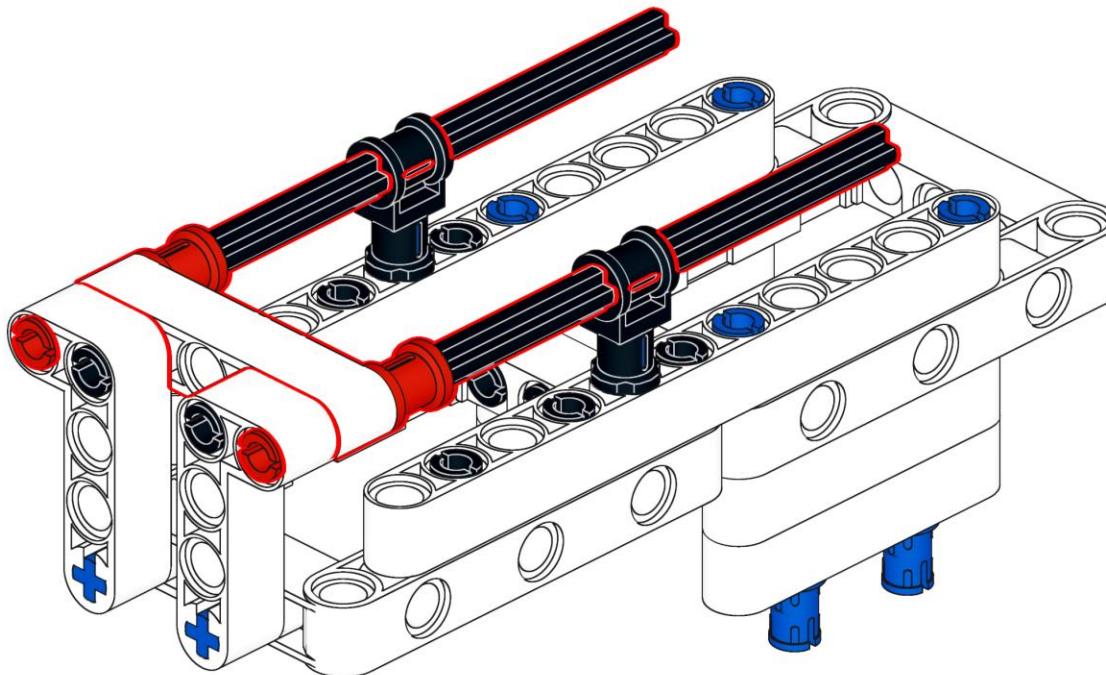
**6**



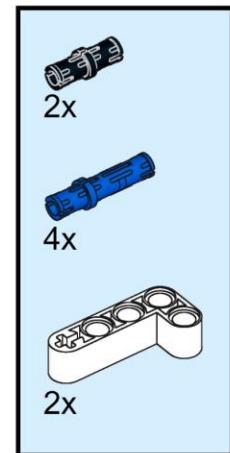
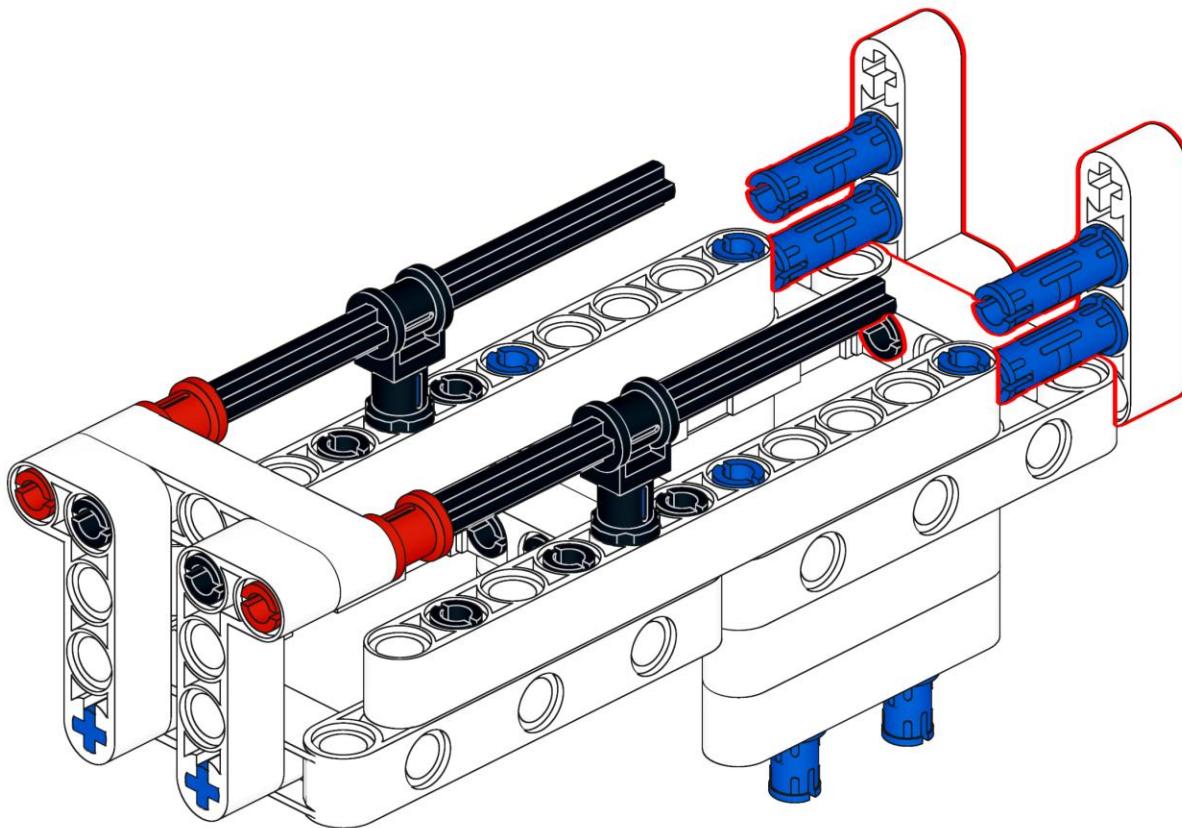
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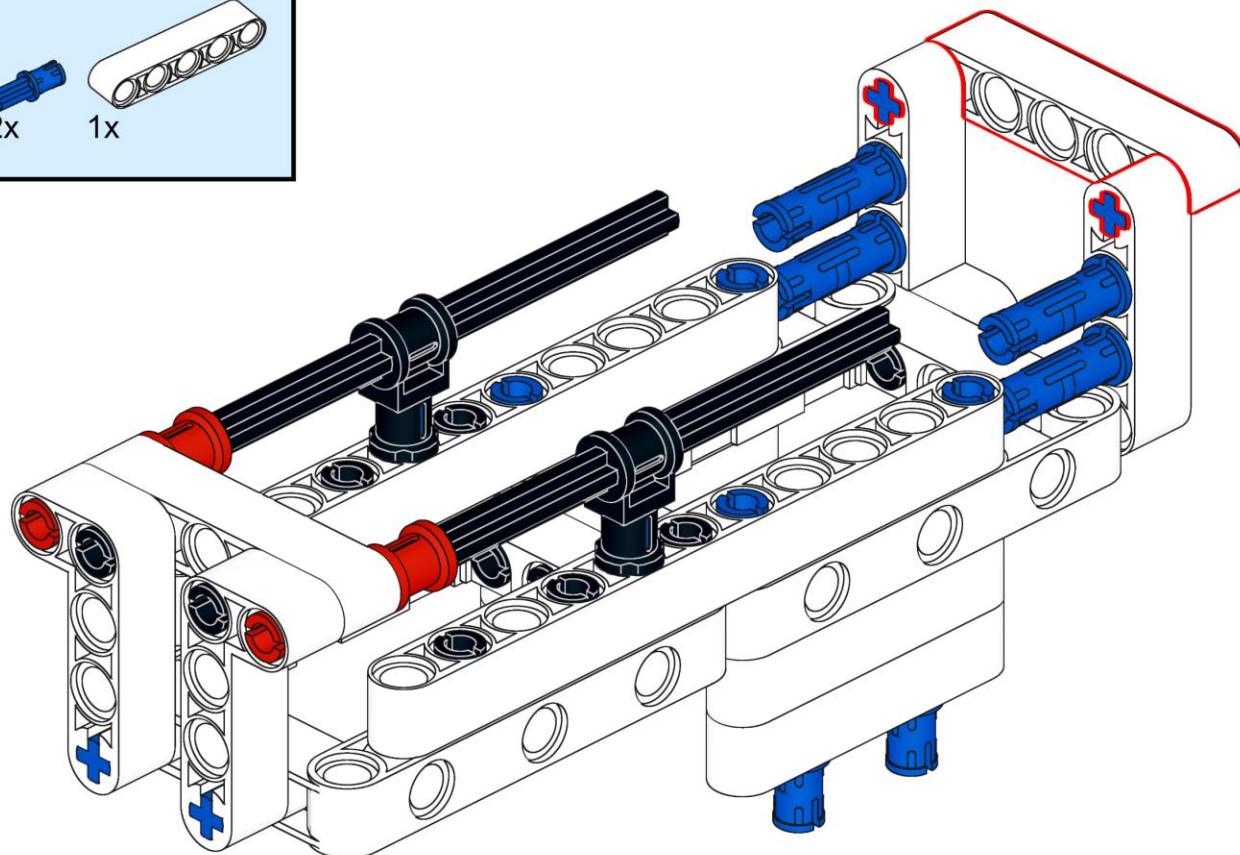
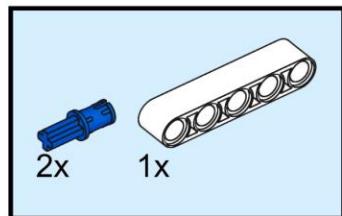
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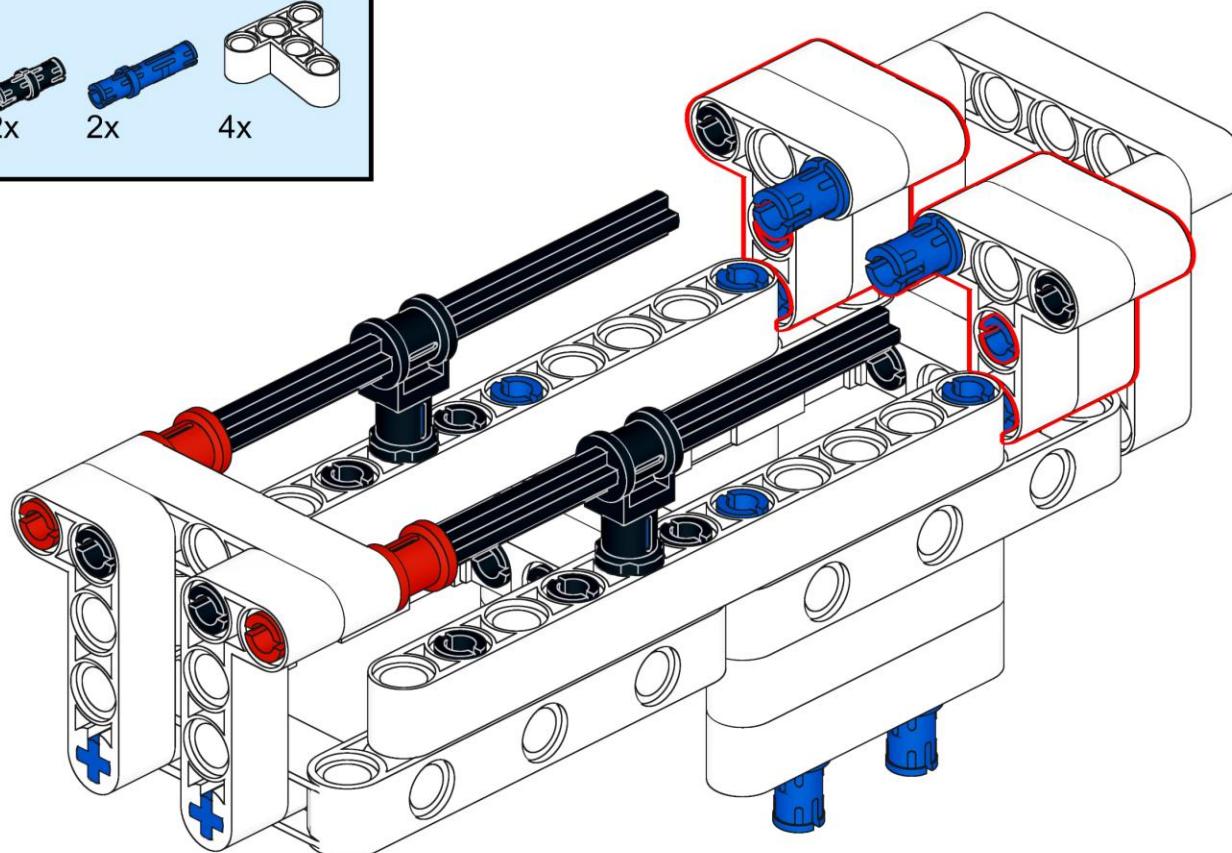
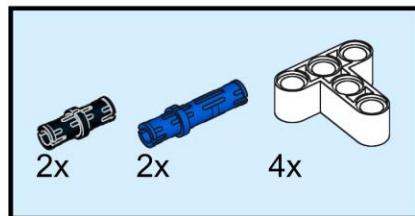
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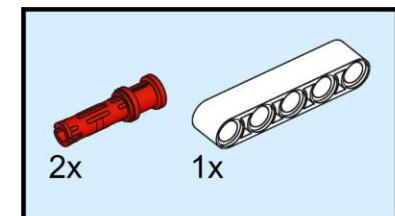
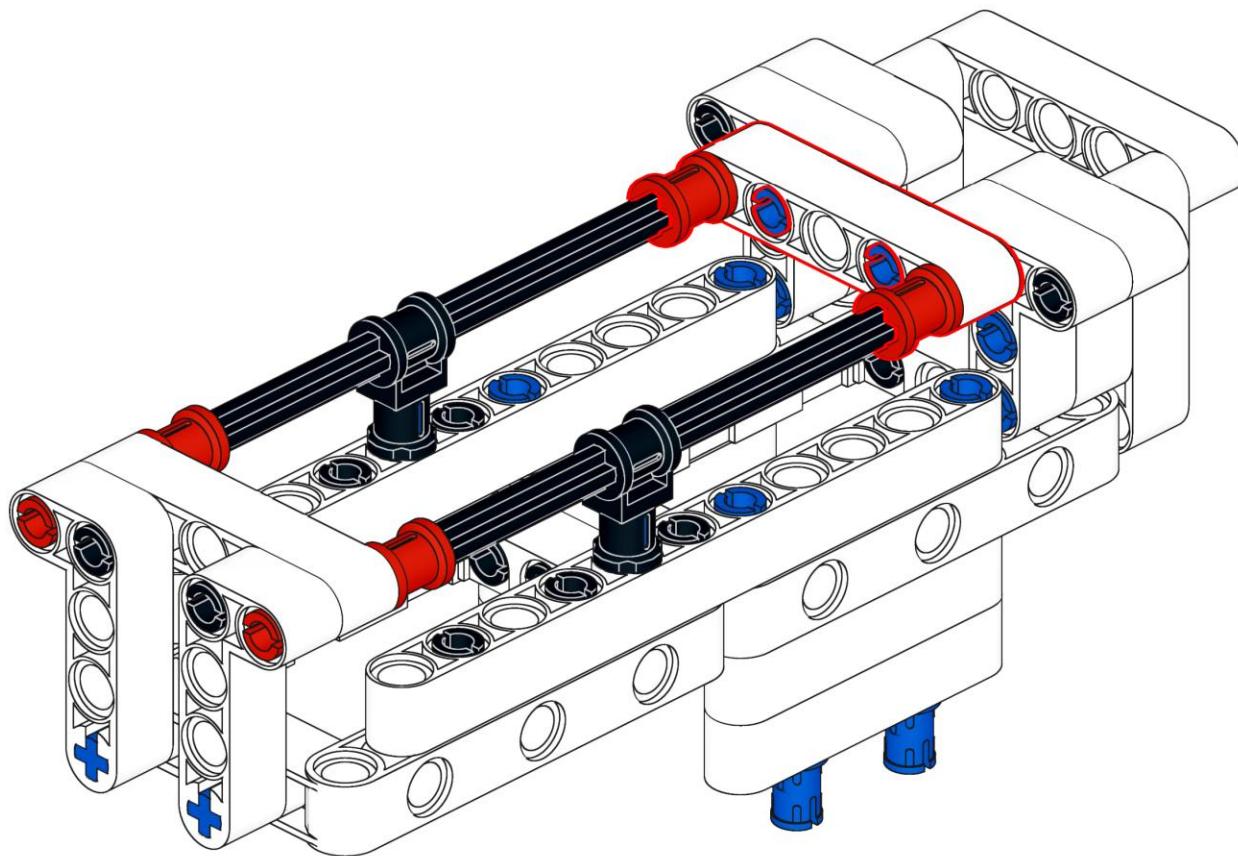
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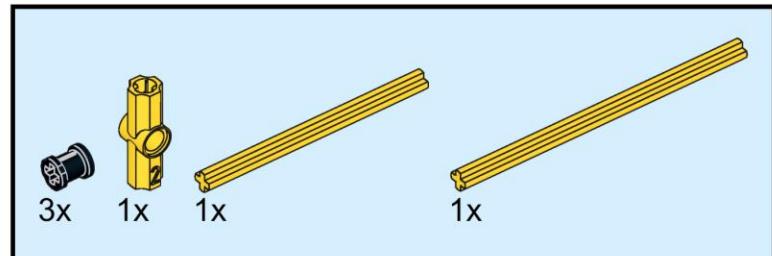
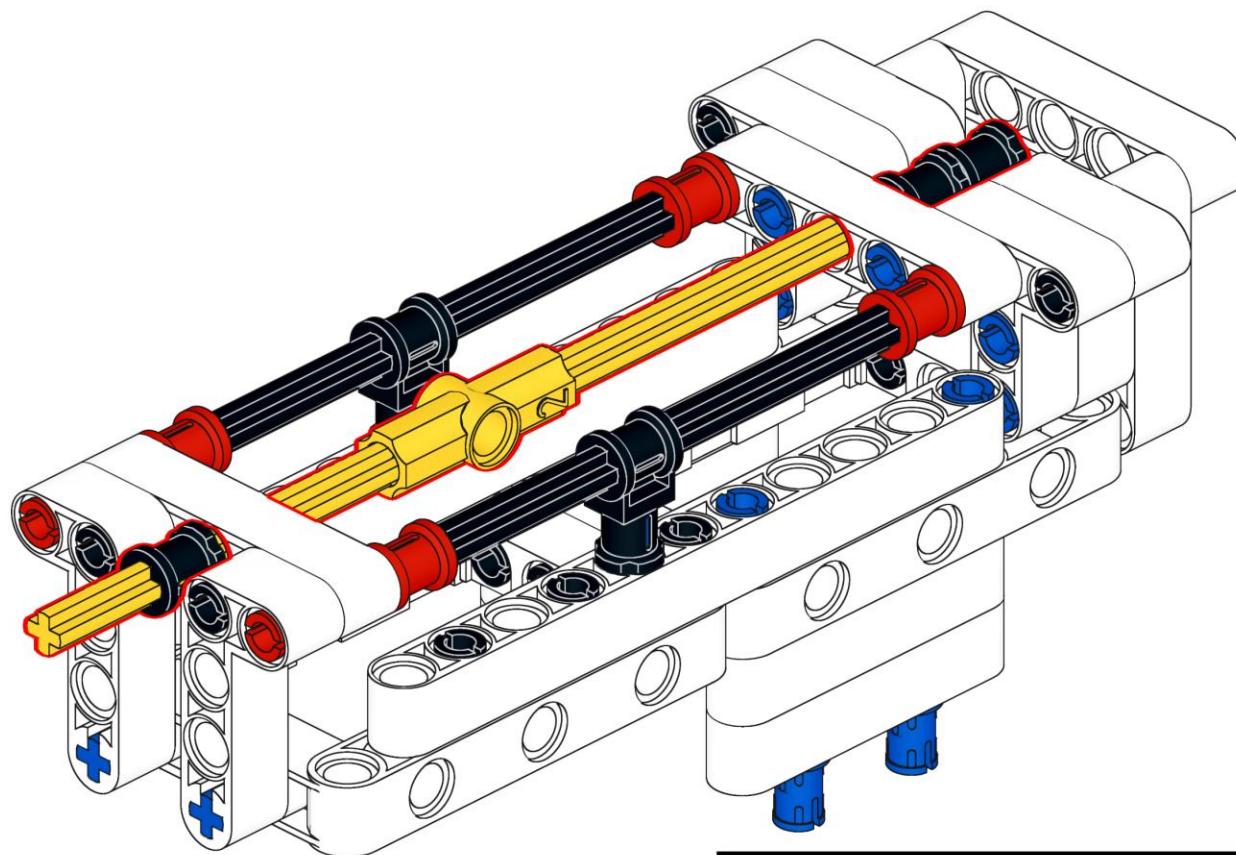
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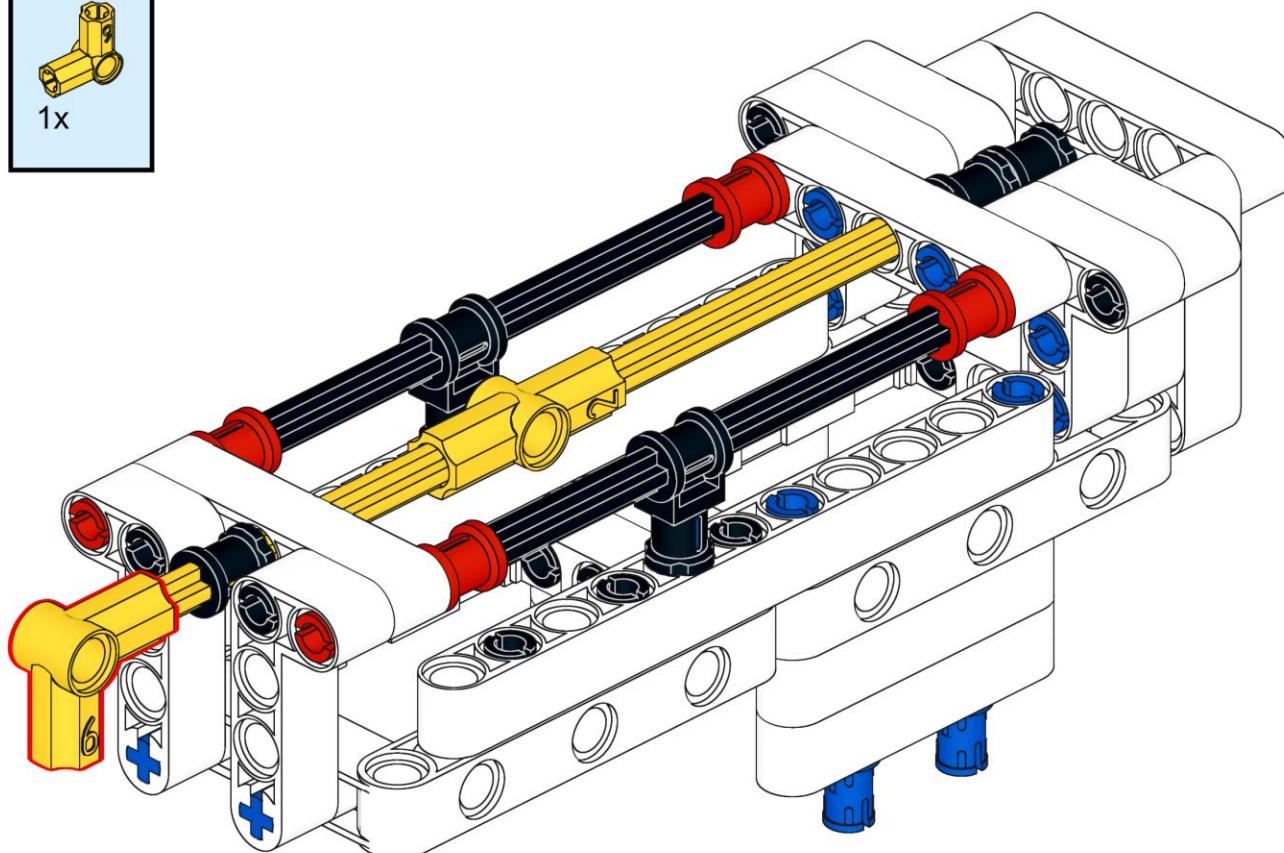
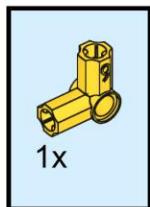
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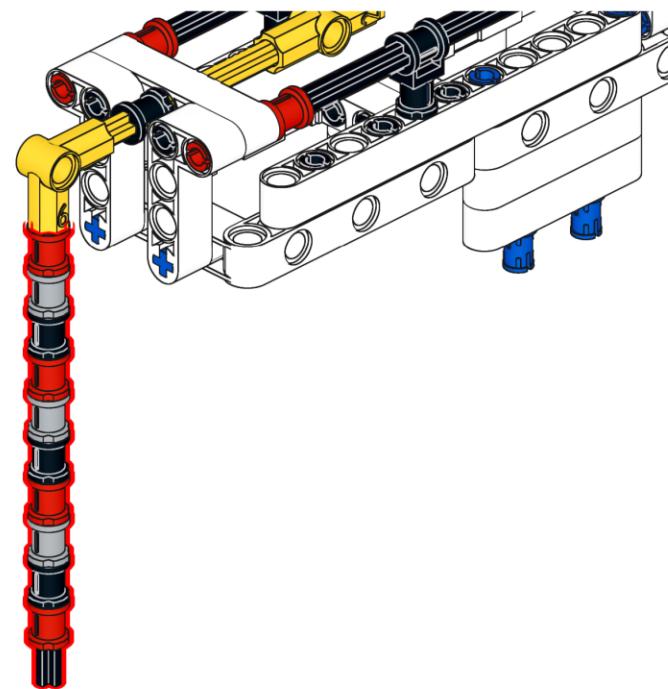
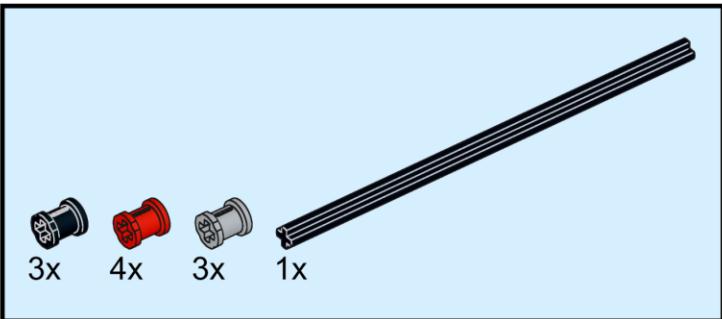
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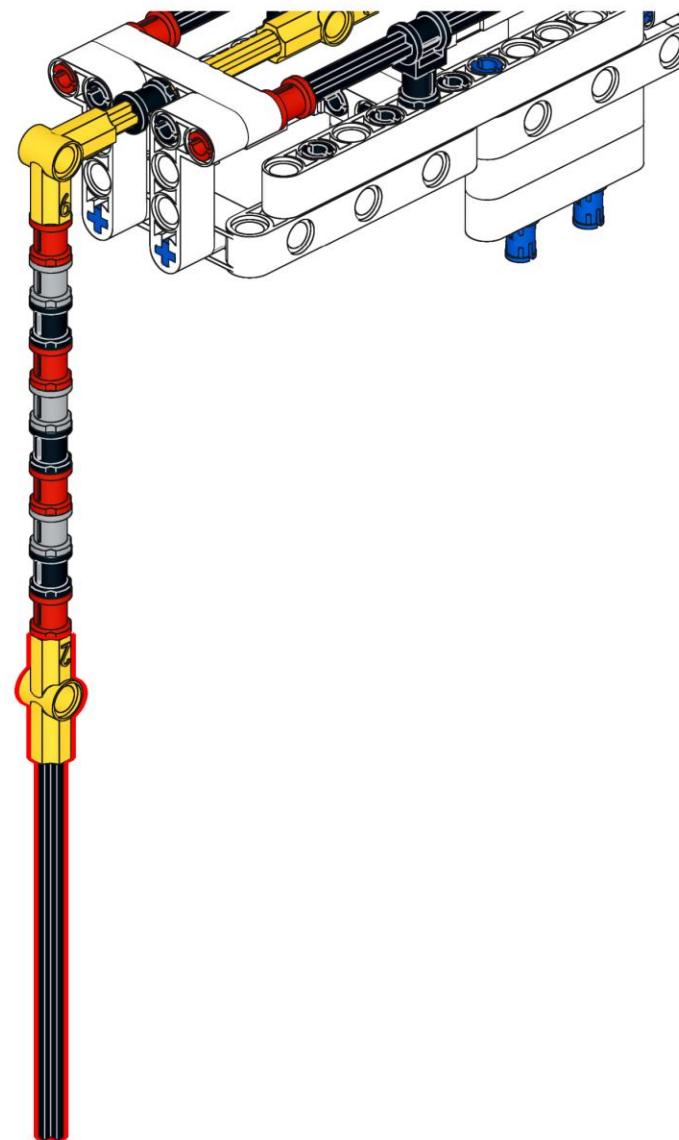
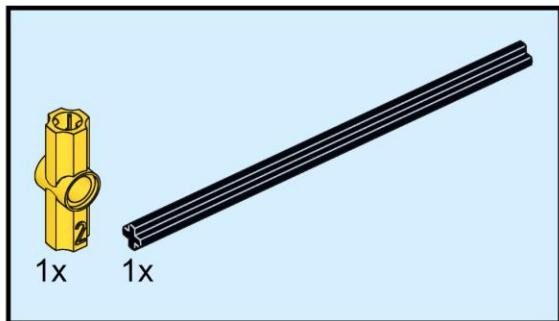
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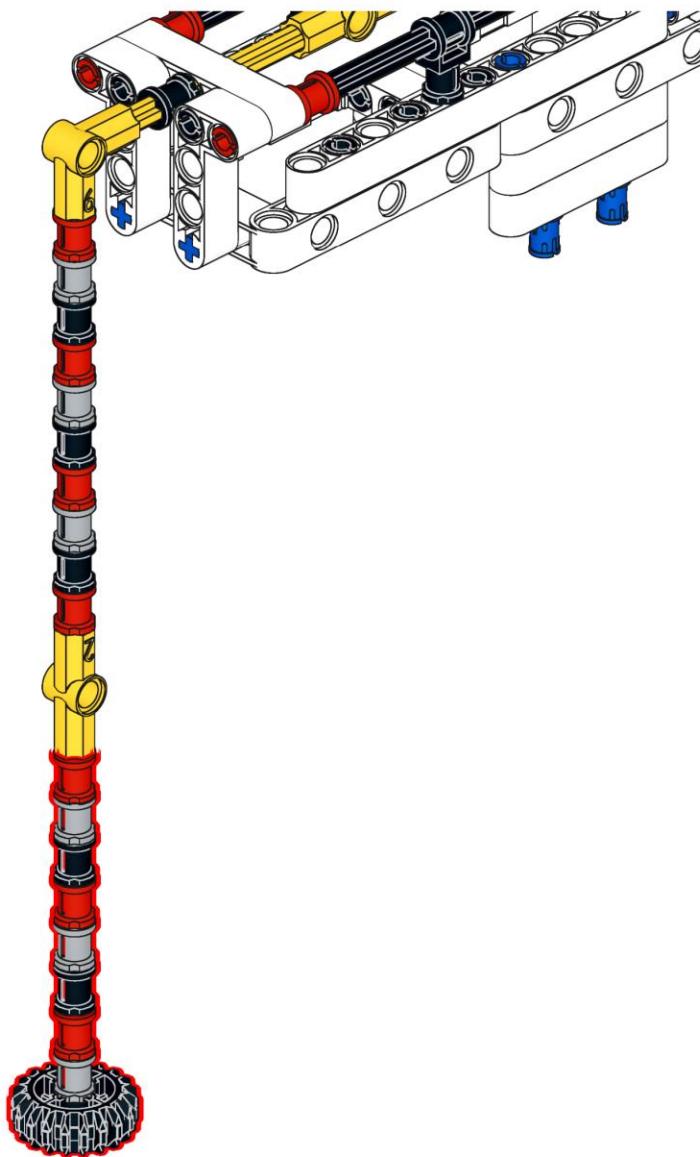
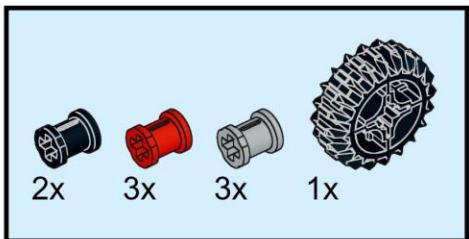
**15**

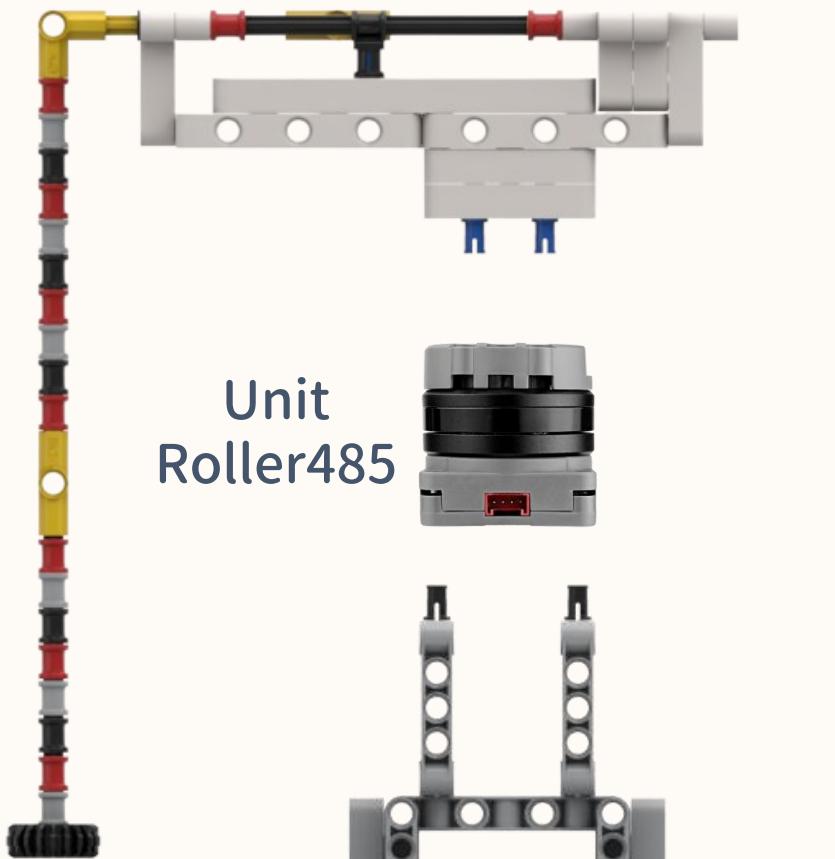


**16**



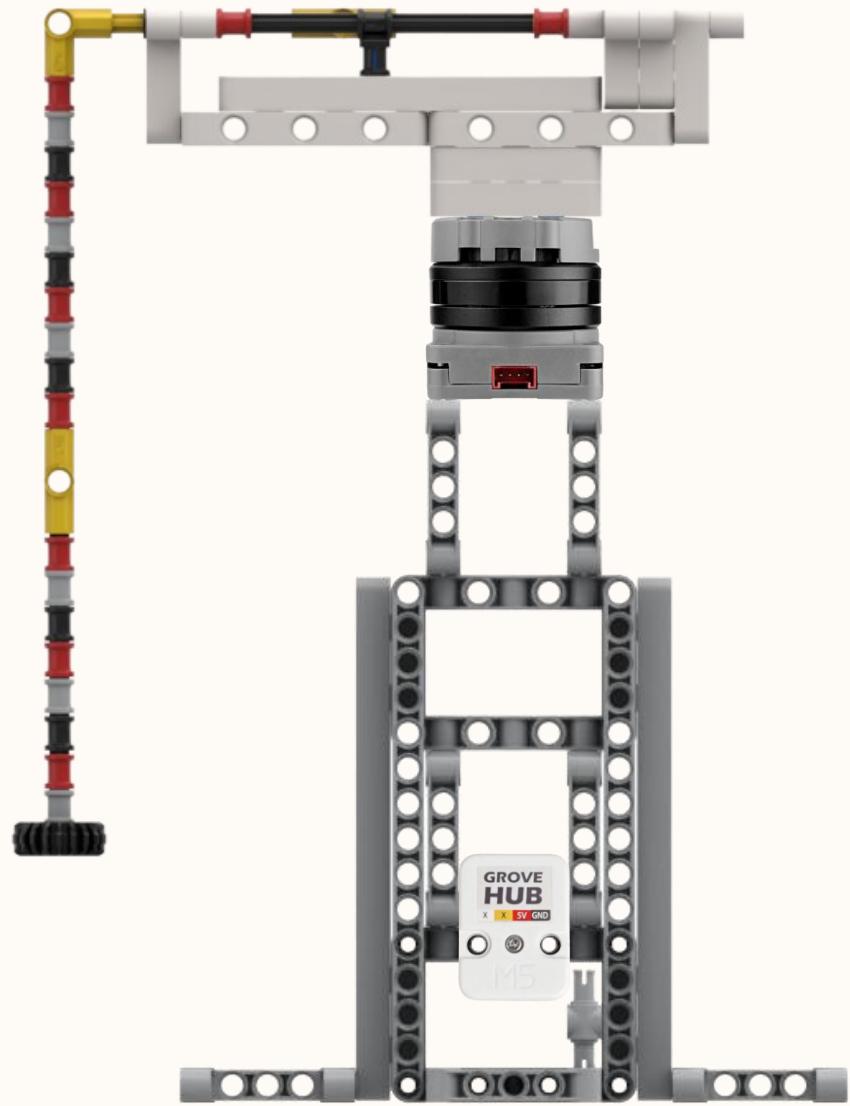
17





Unit  
Roller485

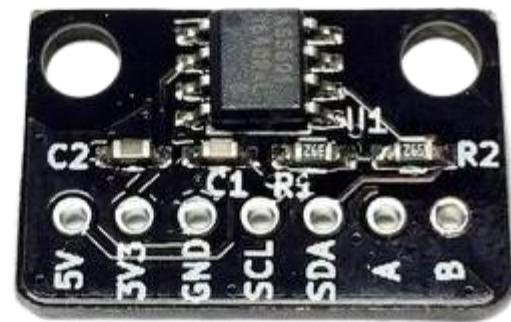
Grove  
Hub



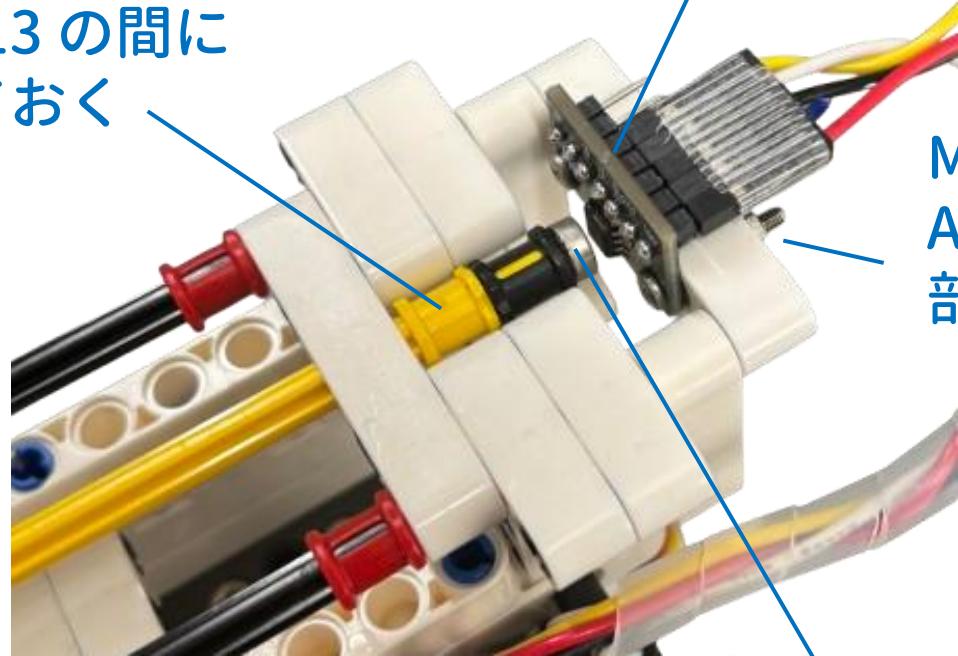
磁気式エンコーダ  
AS5601



Grove Hub で 1 本の  
Grove ケーブルにまとめる



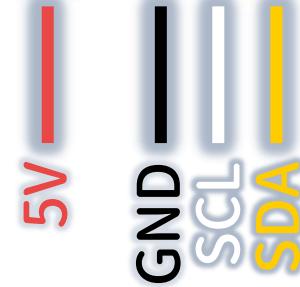
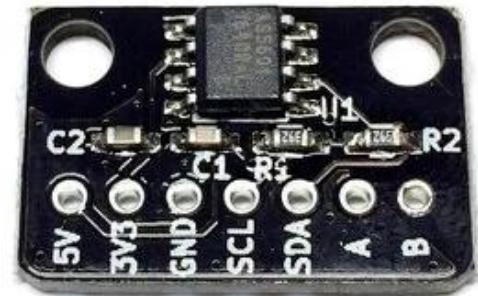
回転摩擦を軽減するため  
に少しだけ LEGO 部品  
32316 と 3713 の間に  
隙間を空けておく



ピンヘッダを  
はんだ付け

M2 のネジ類で  
AS5601 を LEGO  
部品に固定

AS5601 付属の磁石を瞬間接着剤  
で LEGO 部品 (3713) に固定



オススメジャンパ線  
で AS5601 と Grove  
ケーブルを接続

Grove ケーブルを  
Roller485 の  
スリップリングに接続

