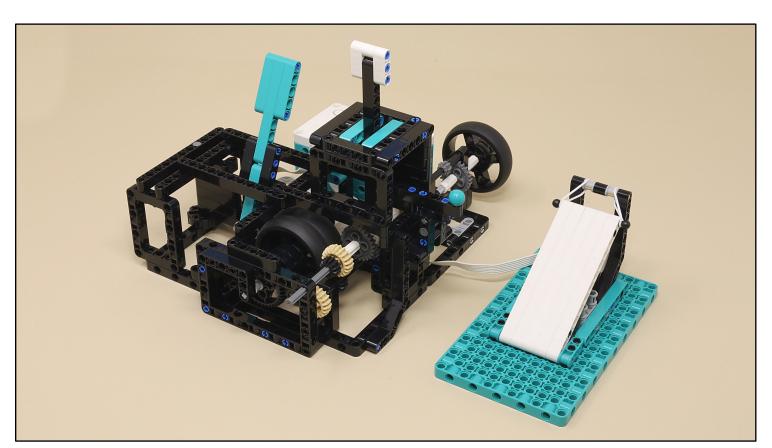
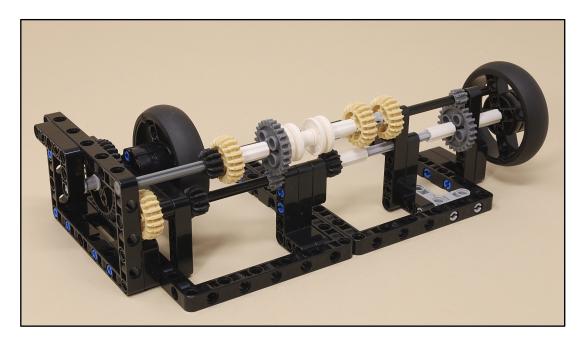
## **Manual Transmission**



Scroll for building instructions

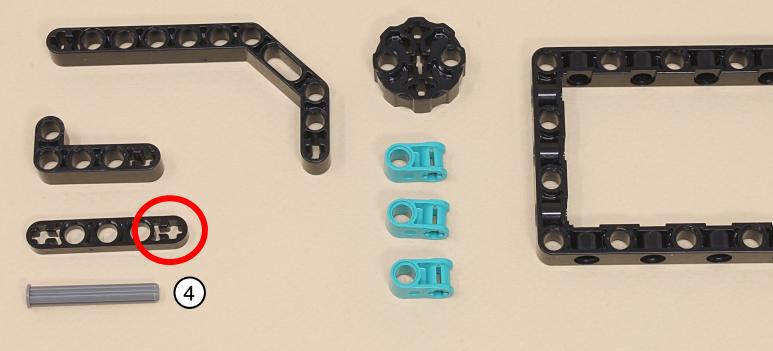


## First, build:



3-Speed Gearing





(8 x)

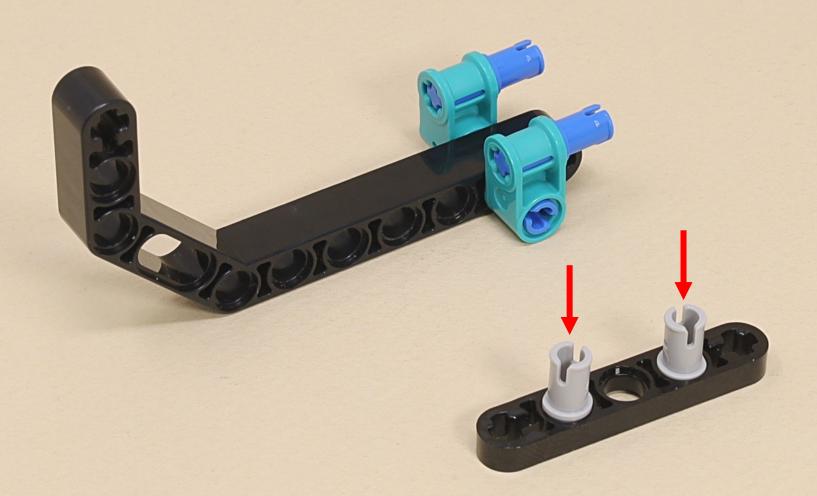


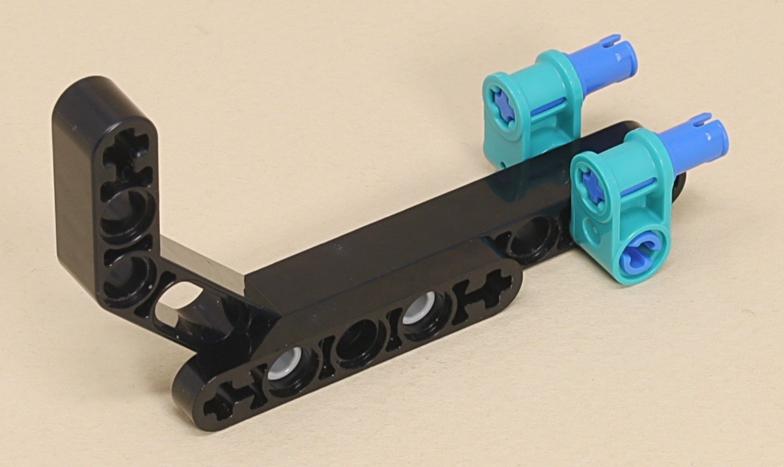


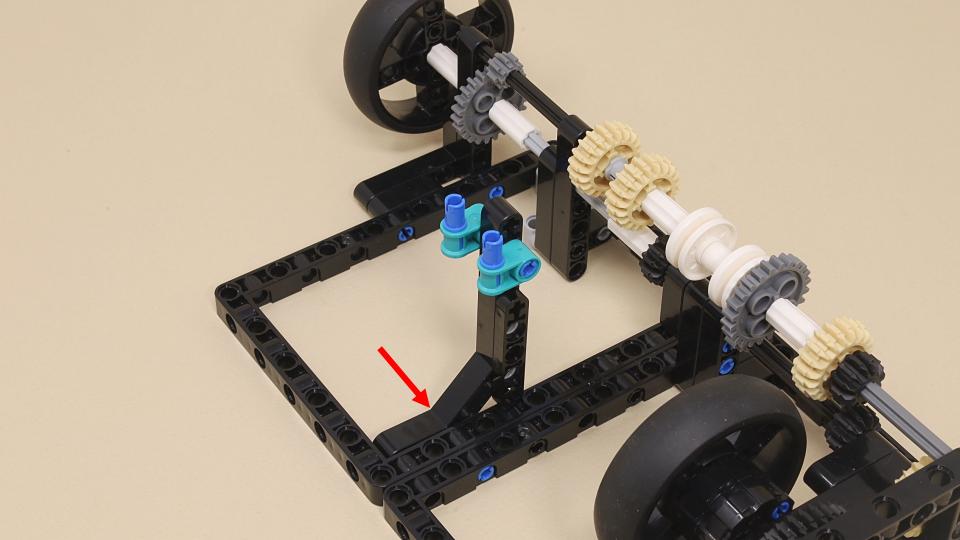


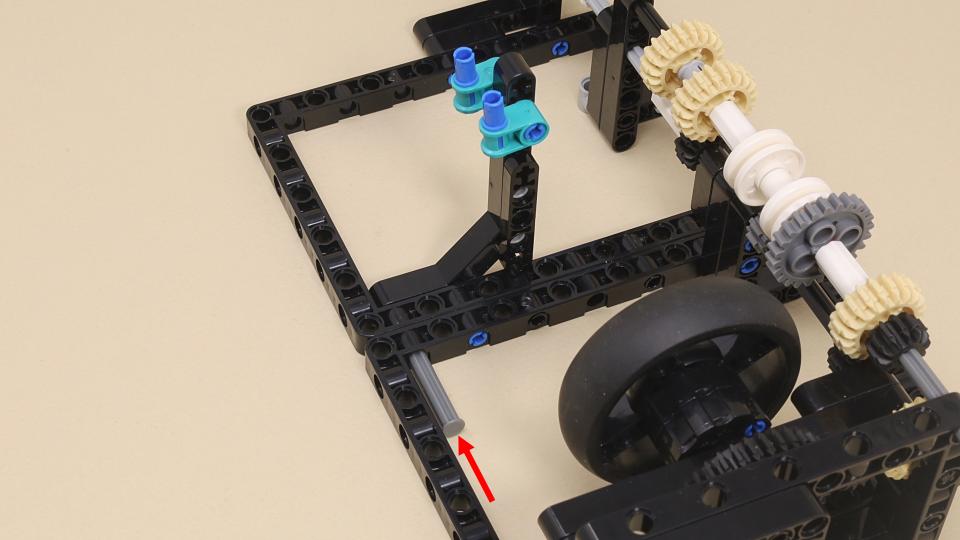


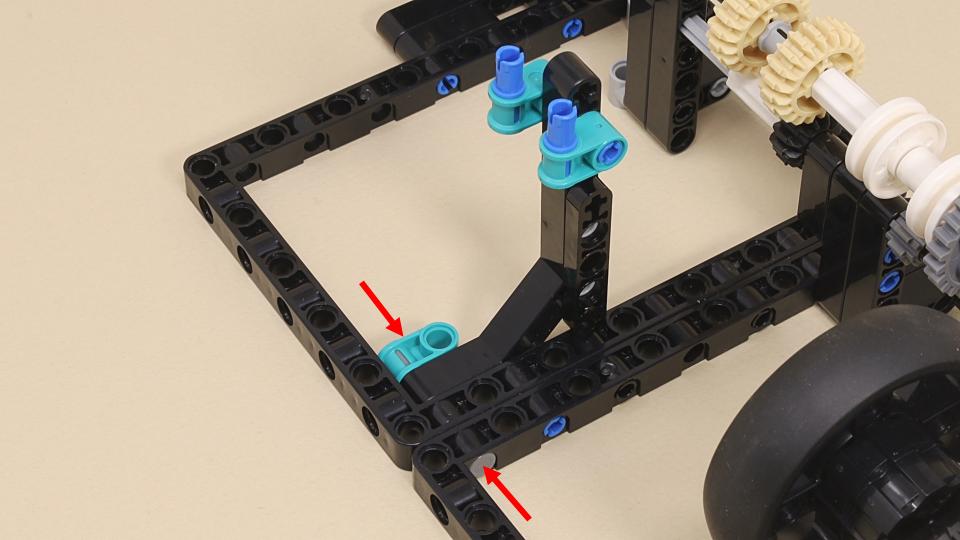




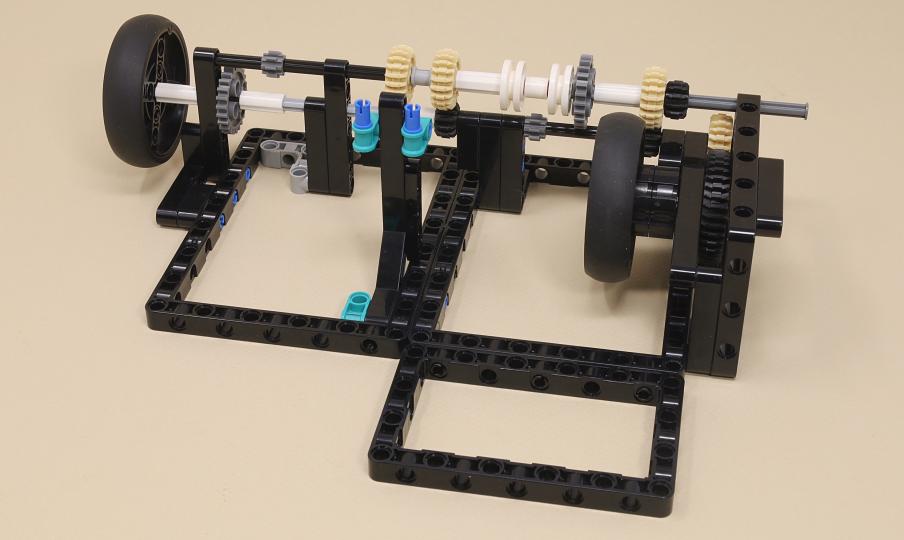






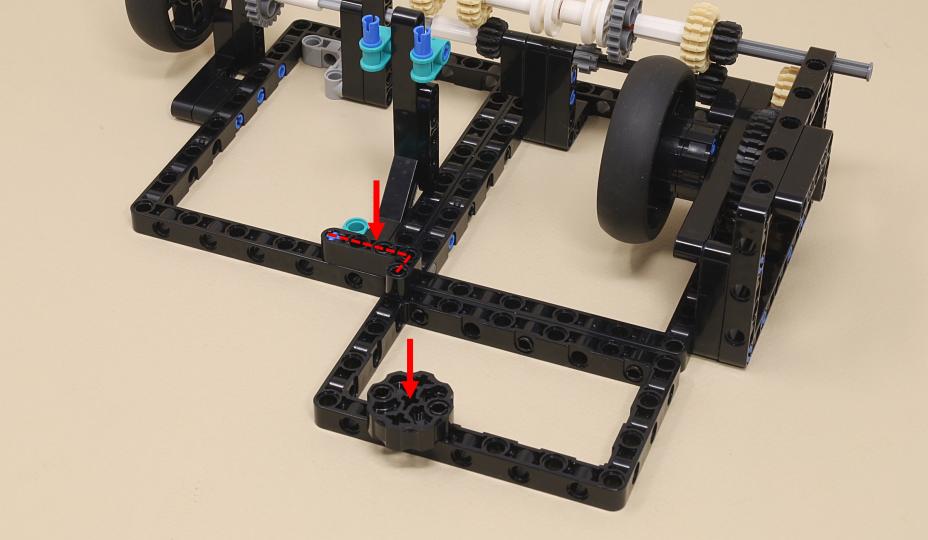
























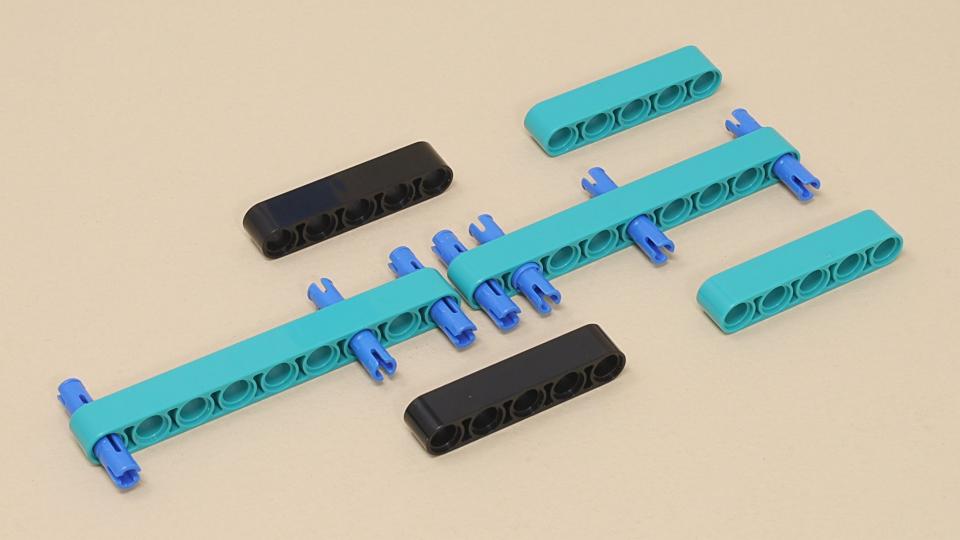


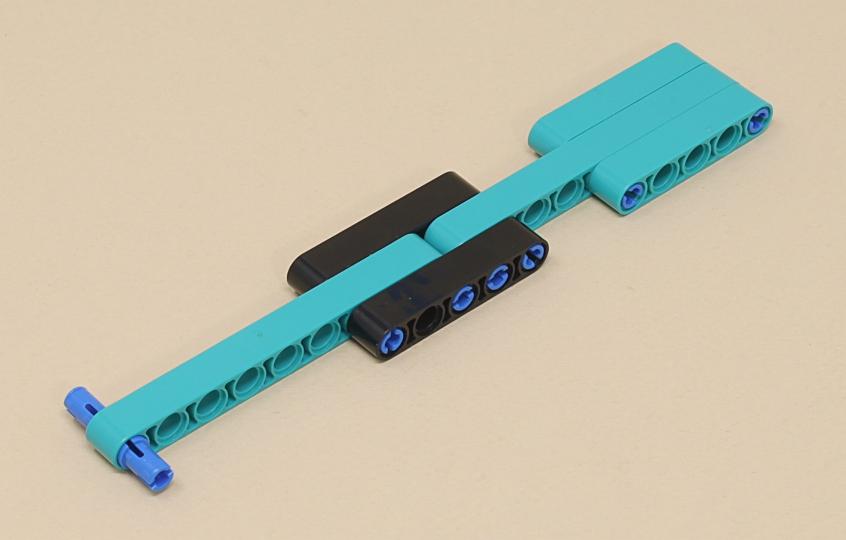






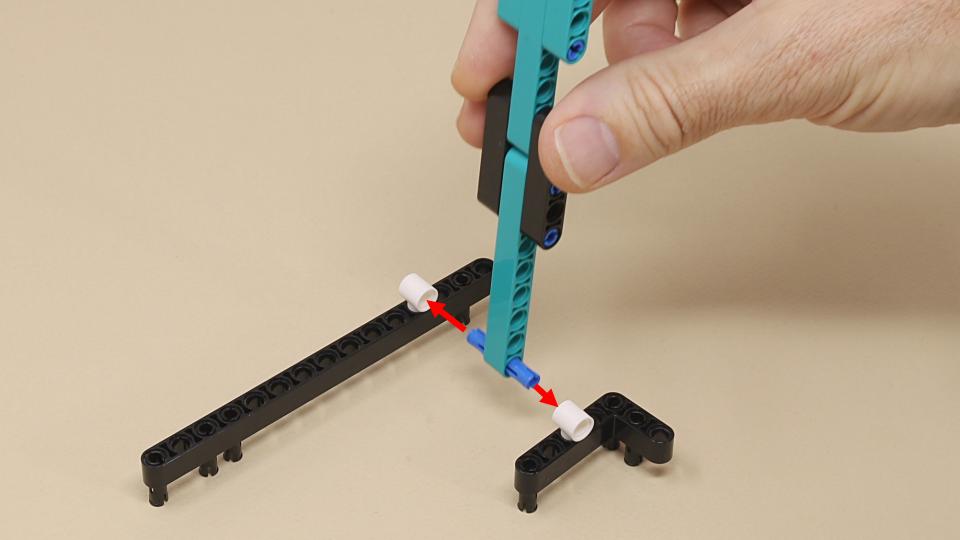


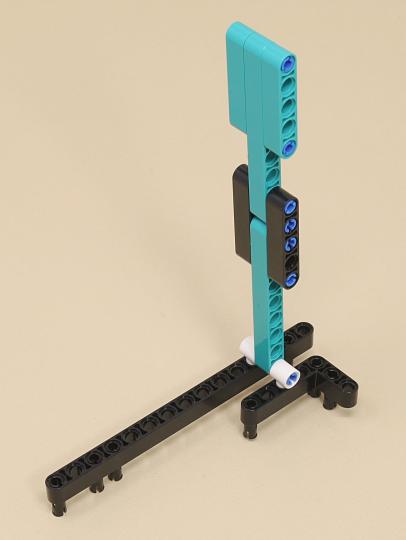


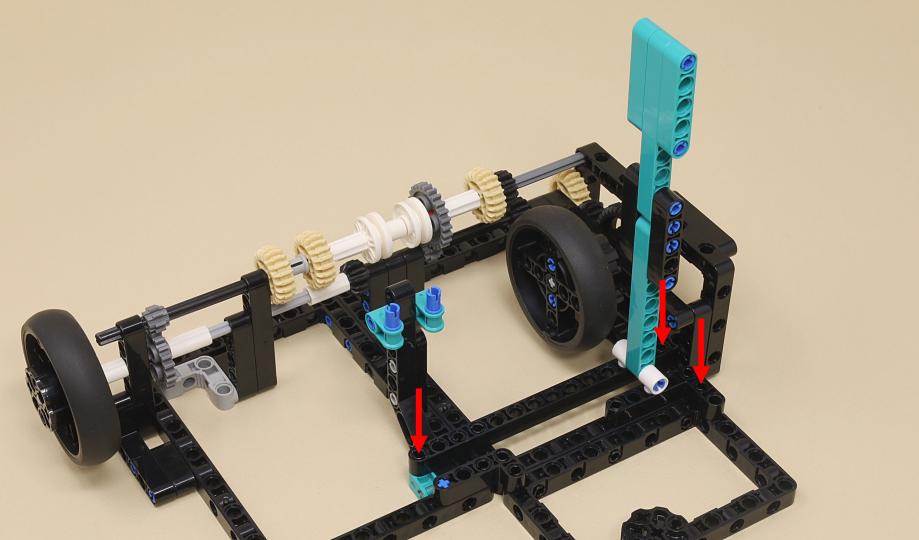








































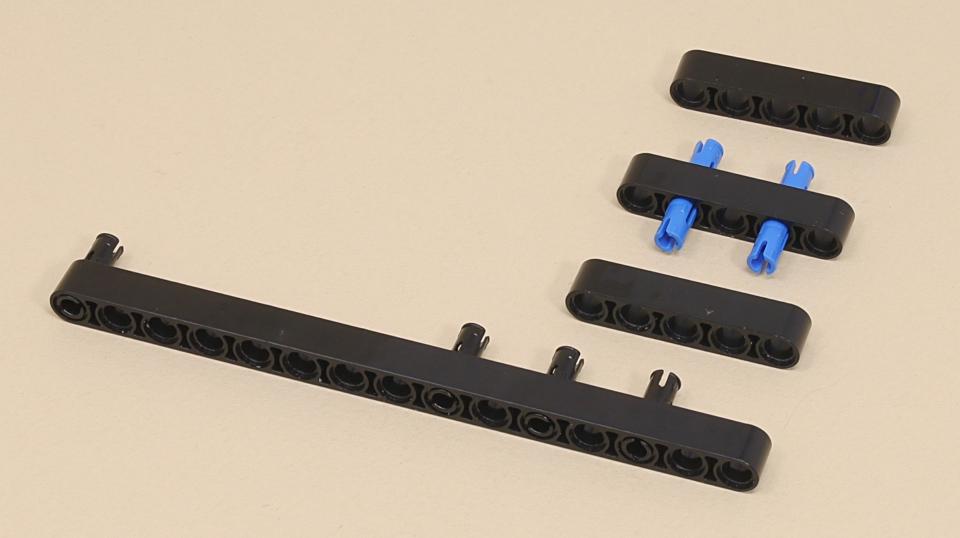


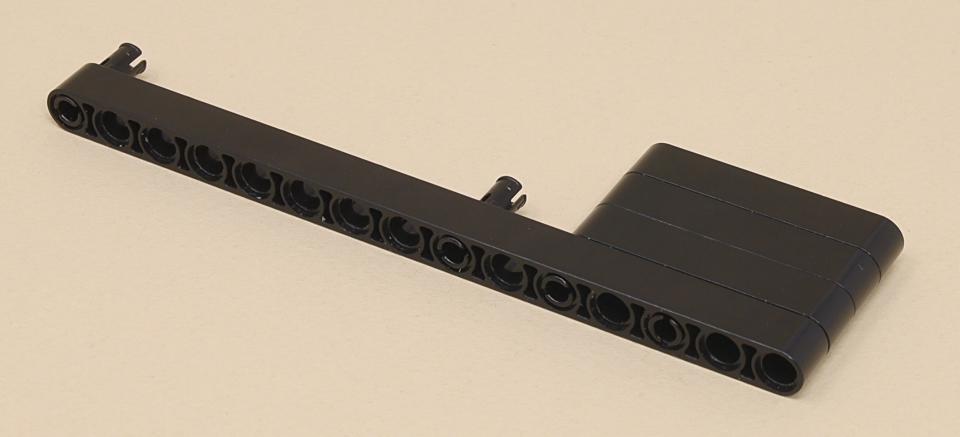


(15 x)



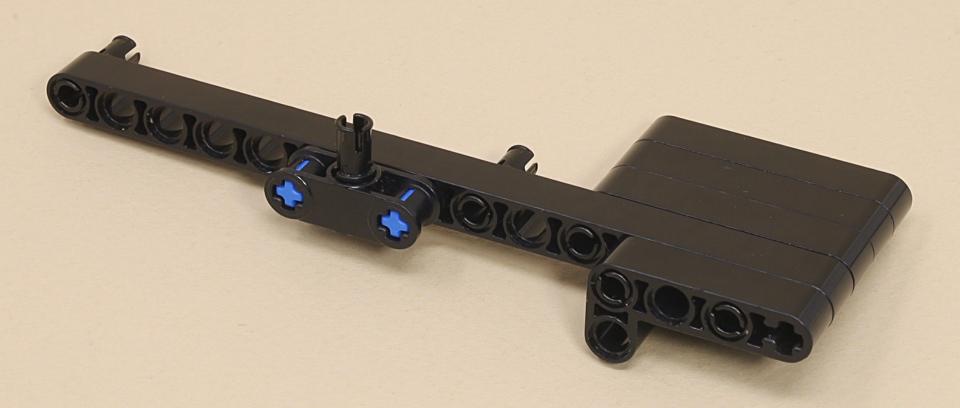


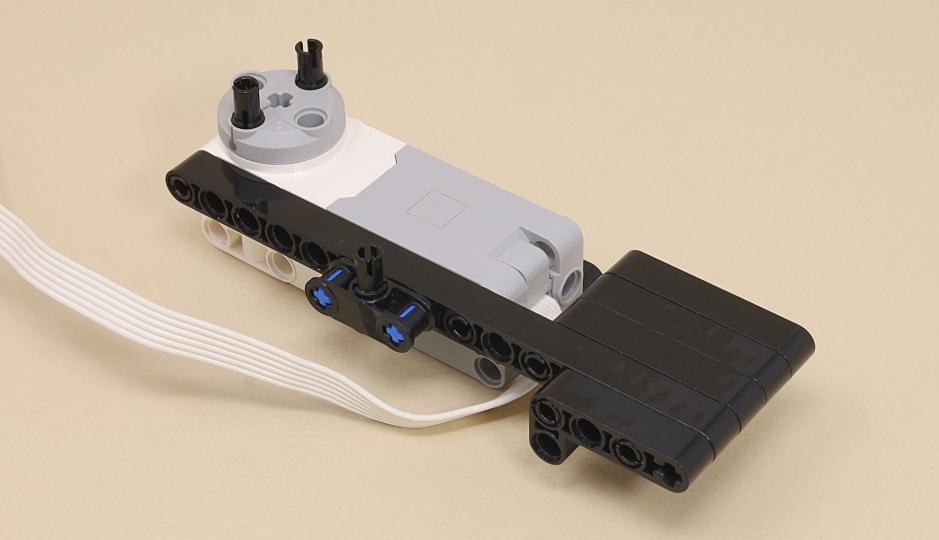


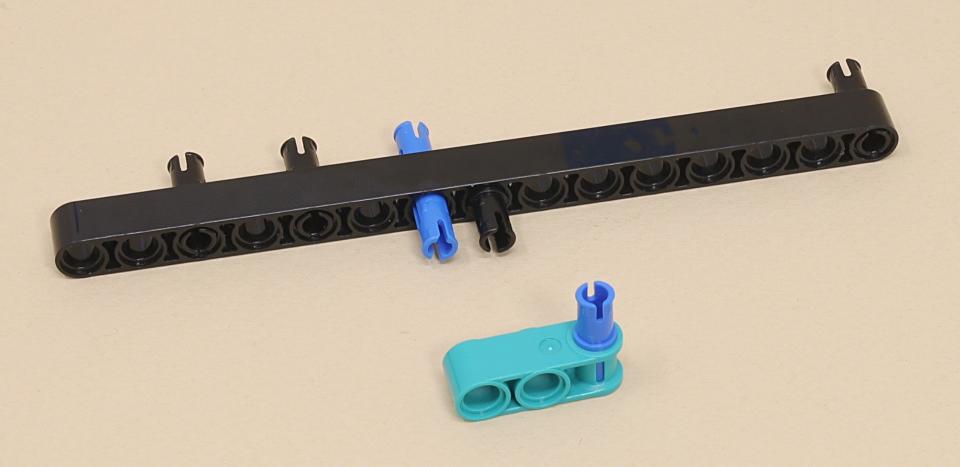


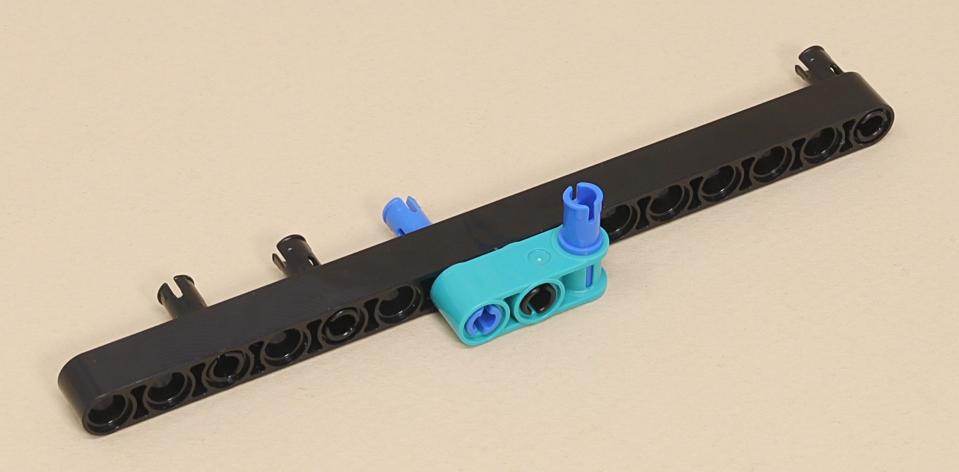


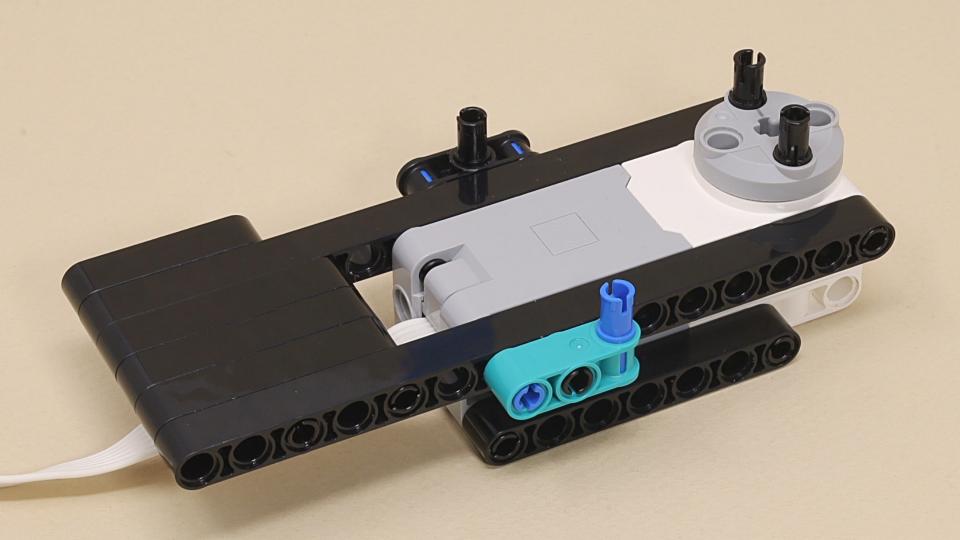


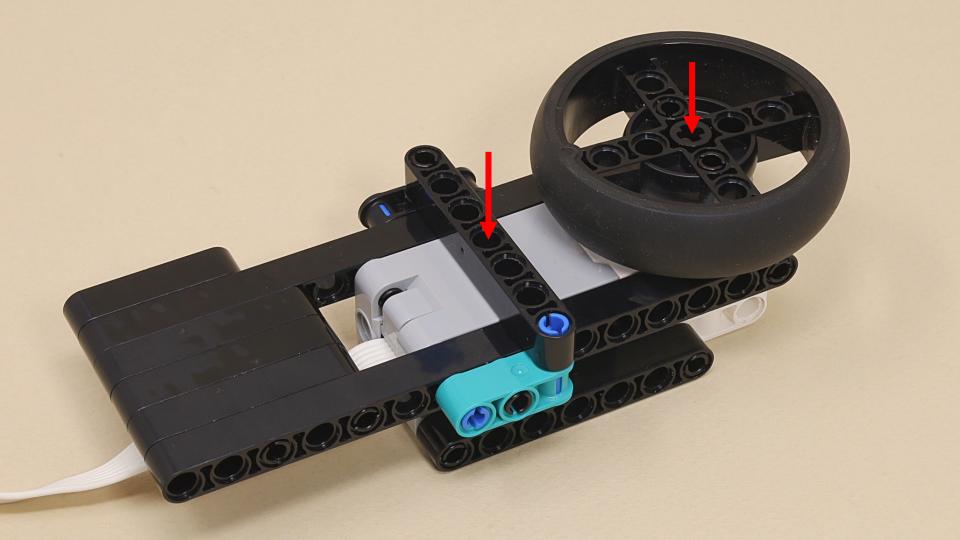




















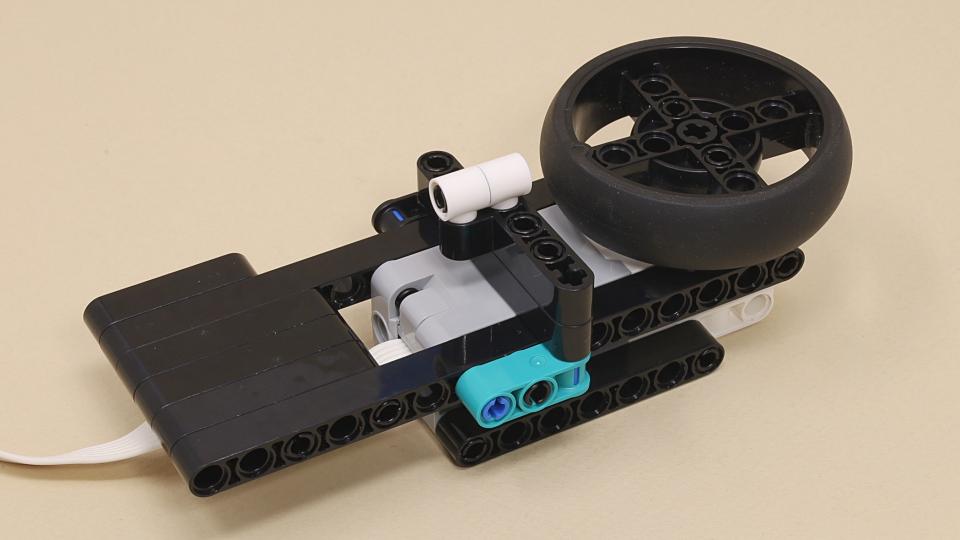








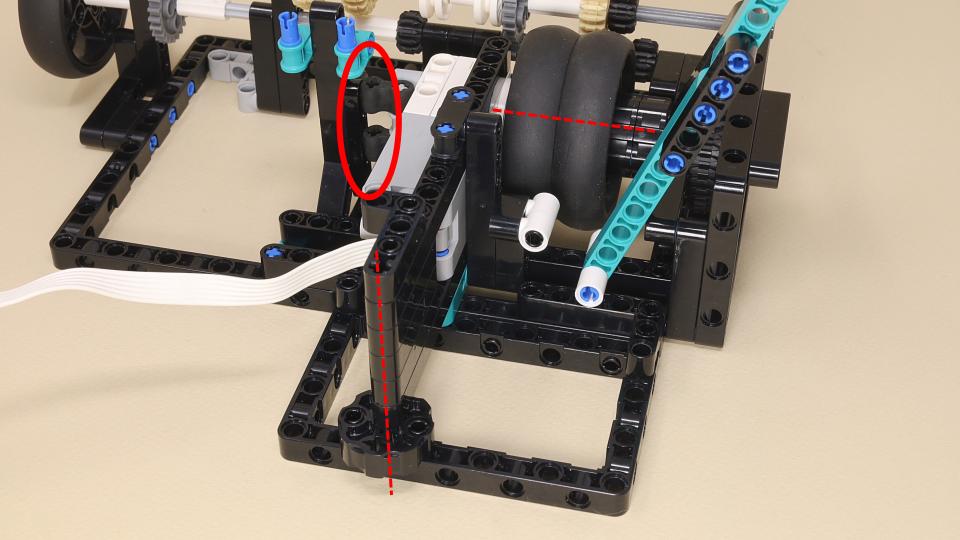










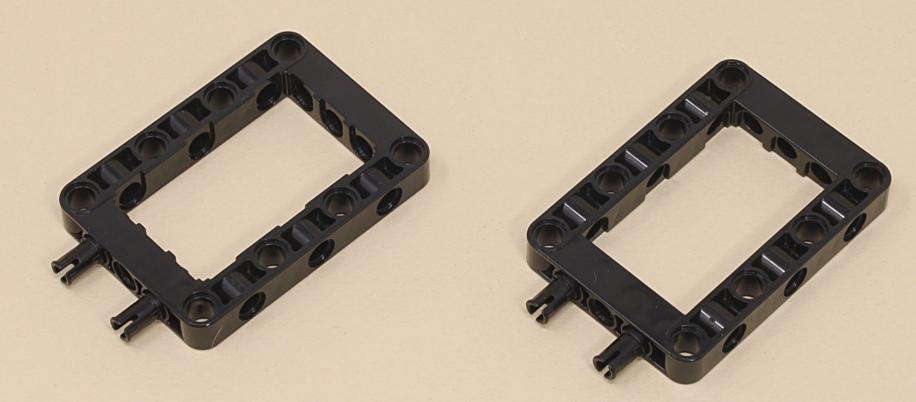


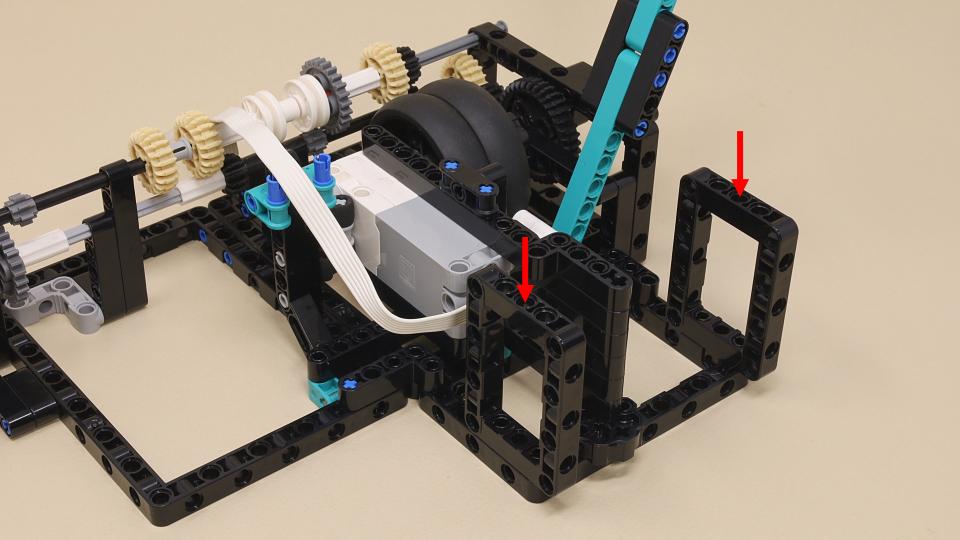




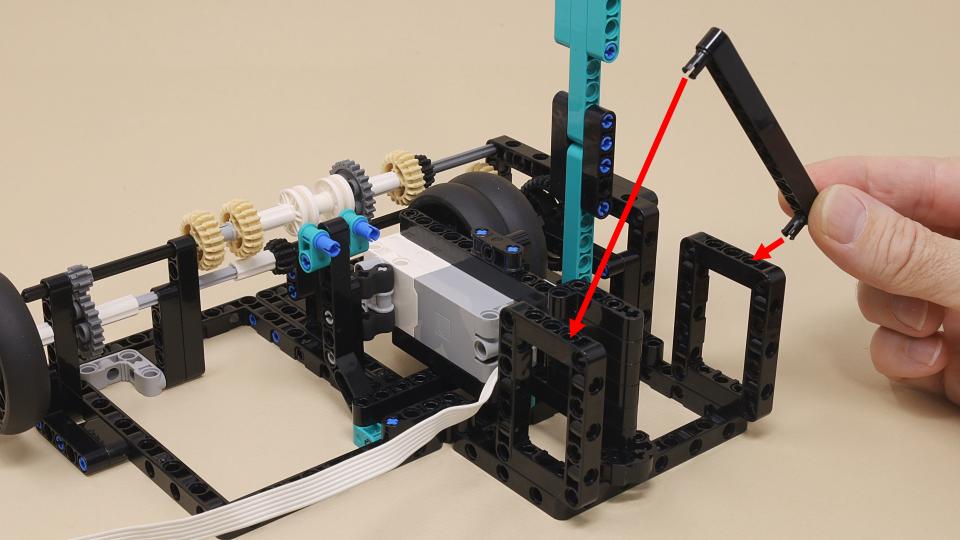


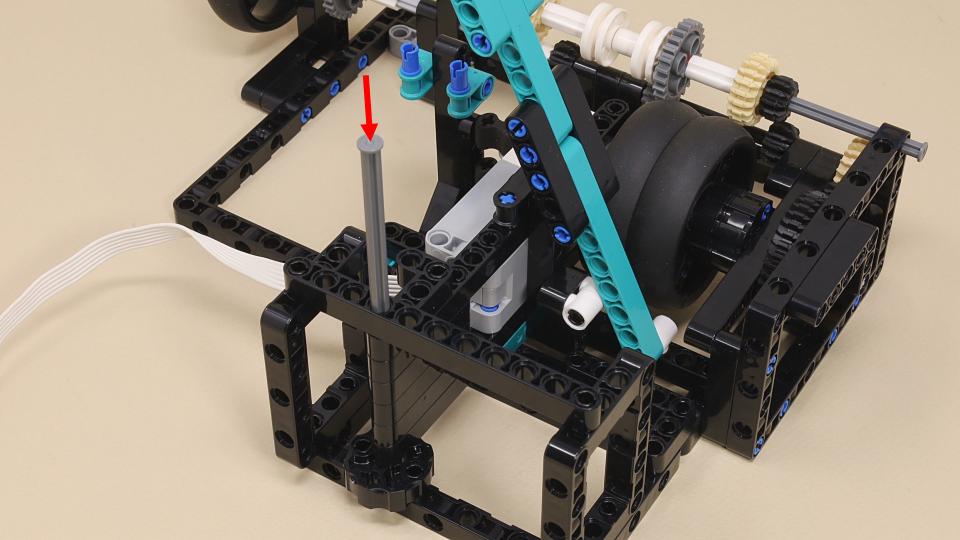


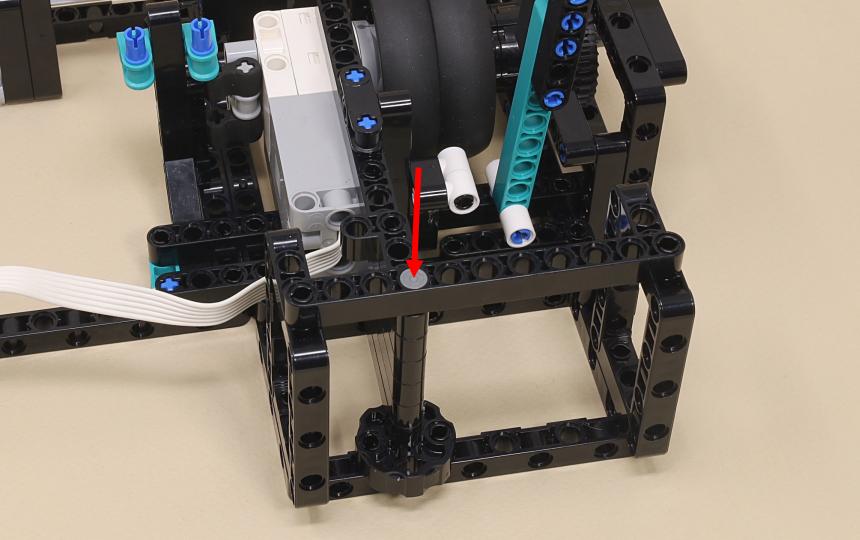
















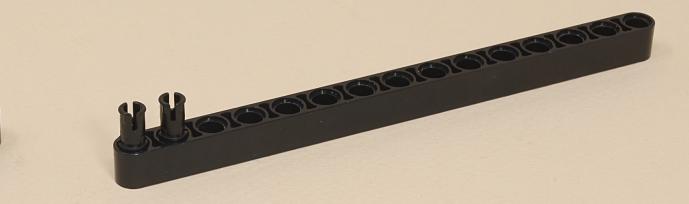


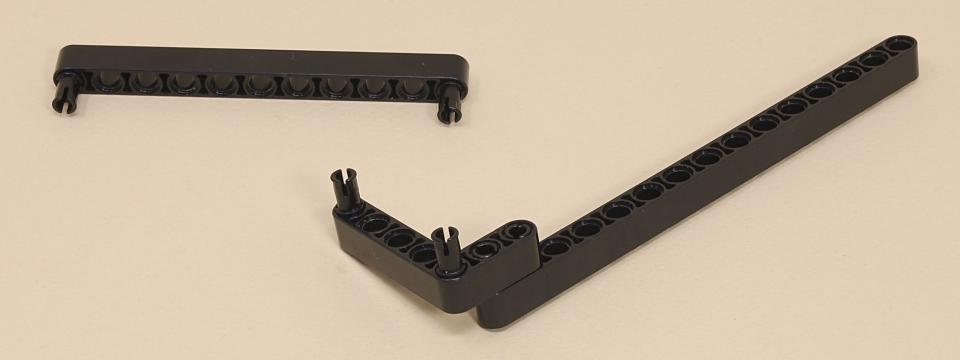


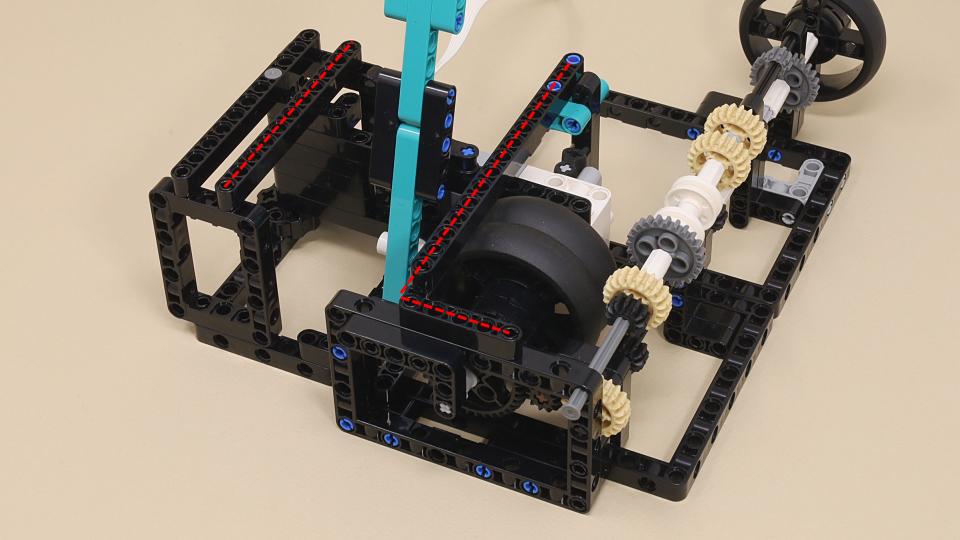


(10 x)



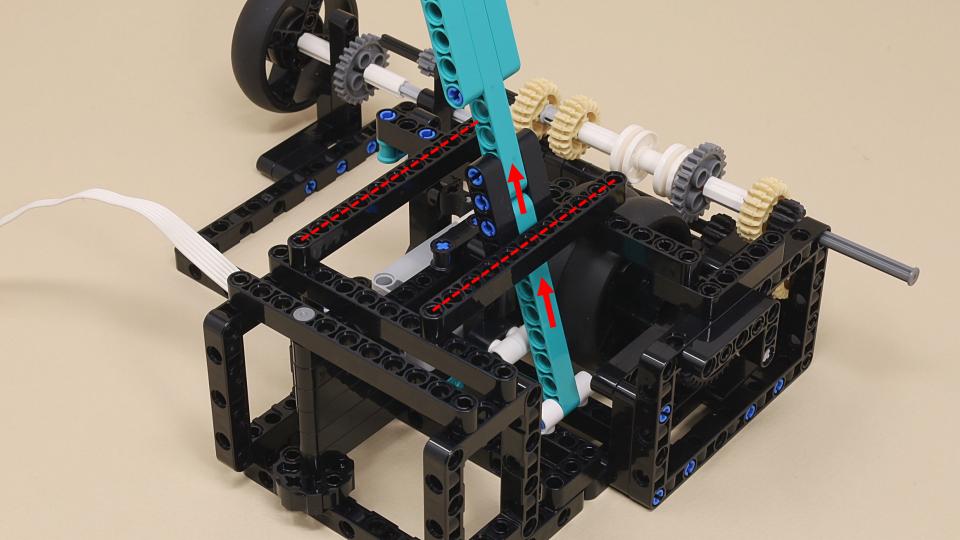


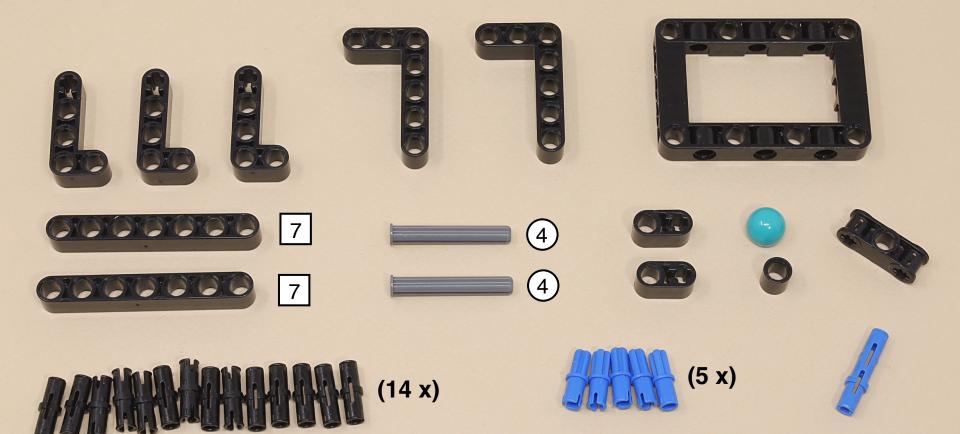


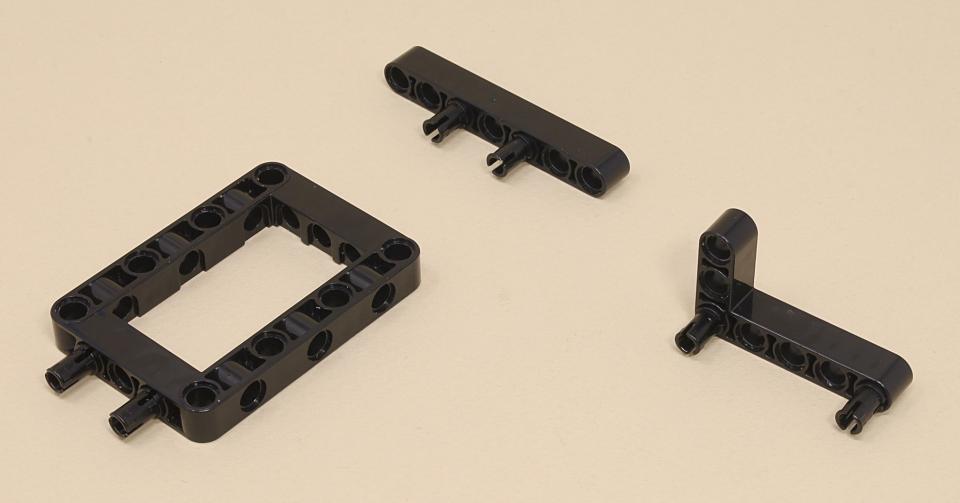


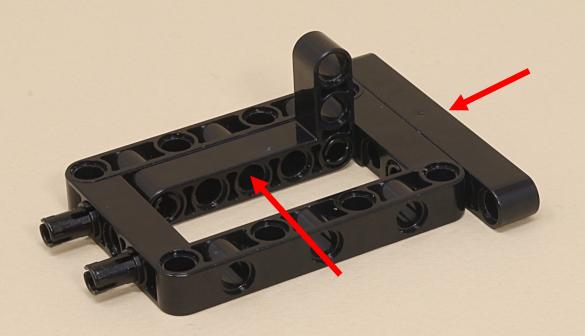




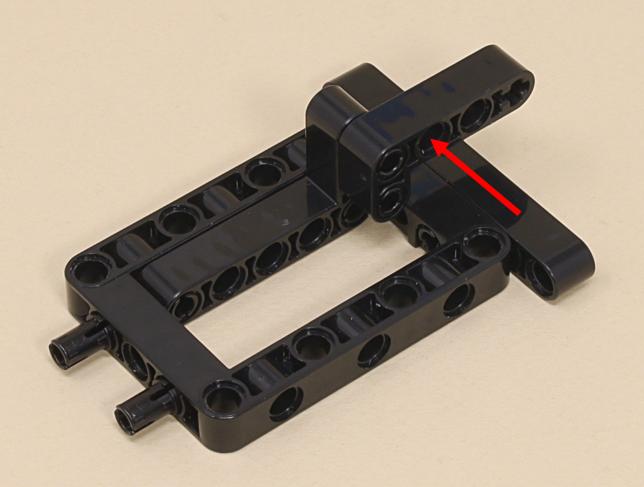






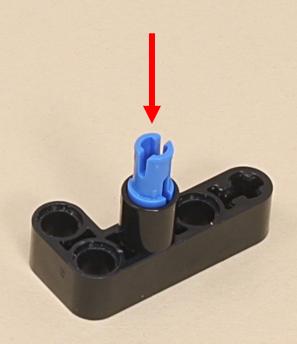


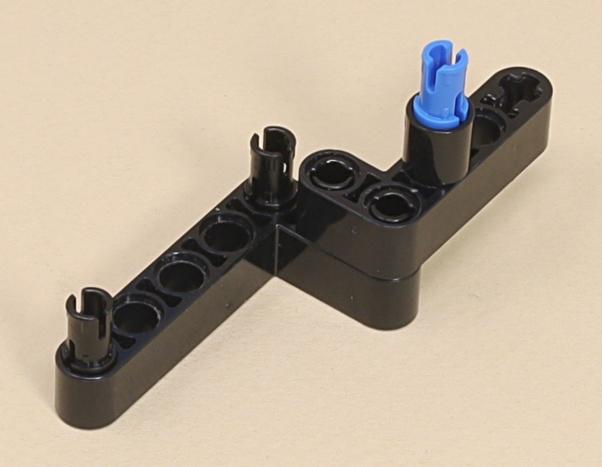


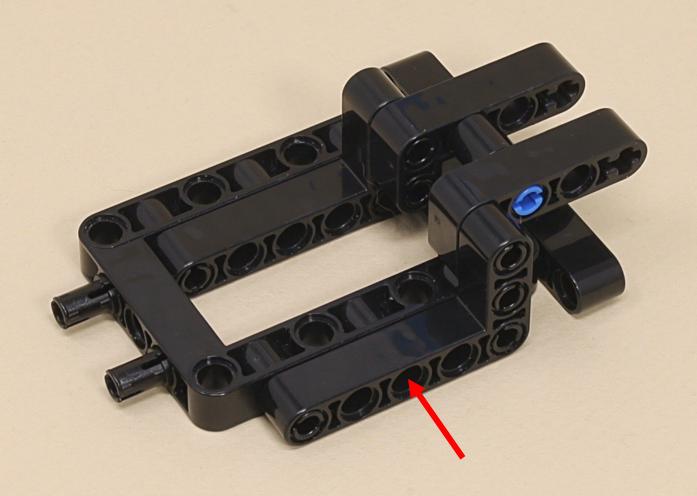


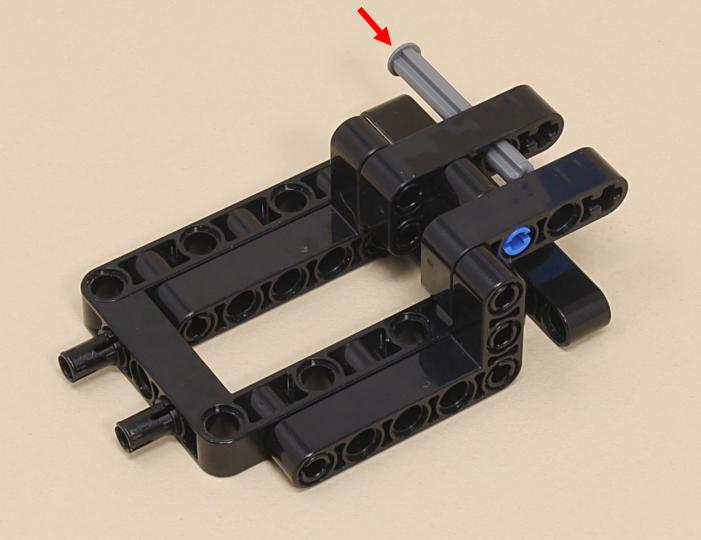


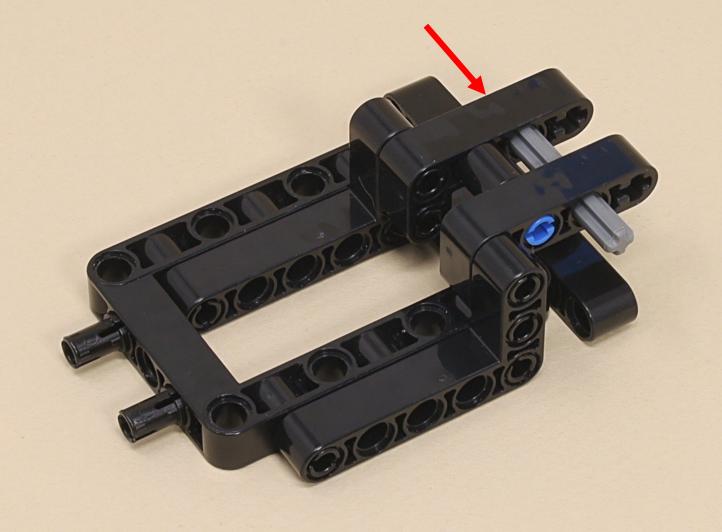


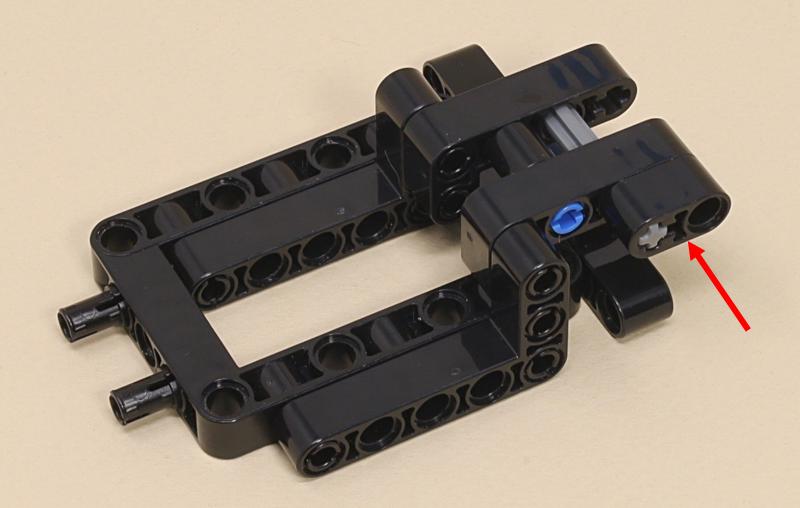


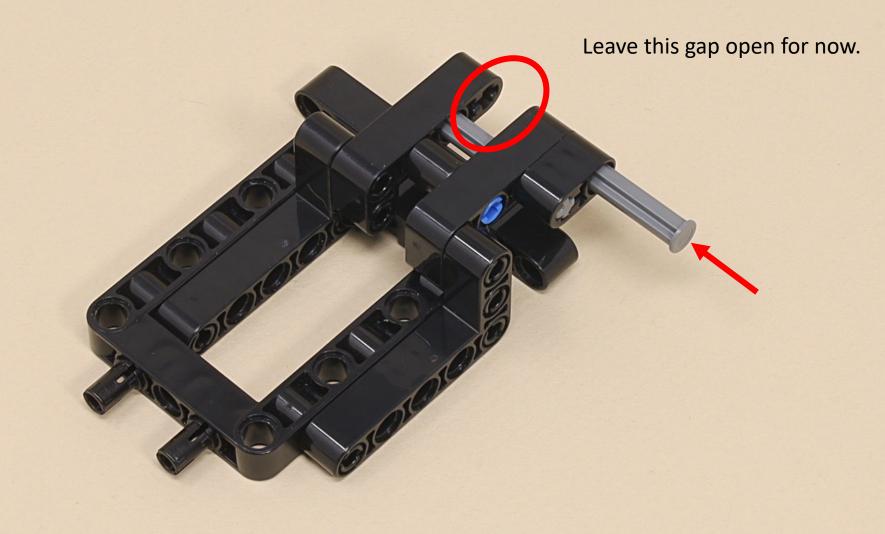






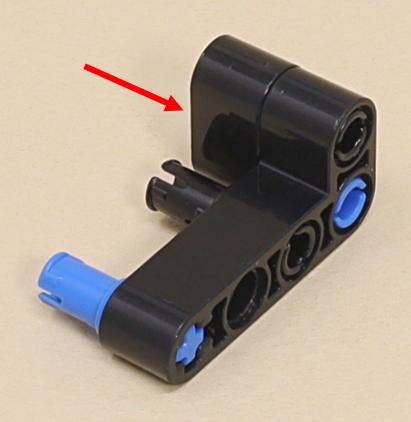


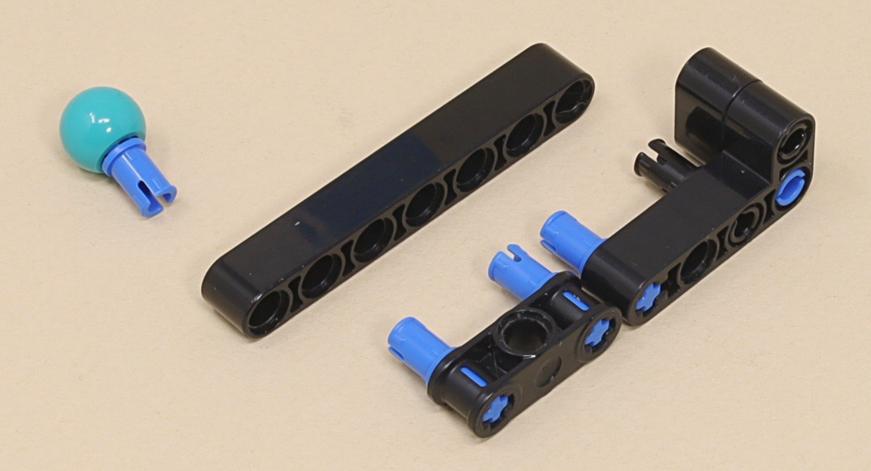




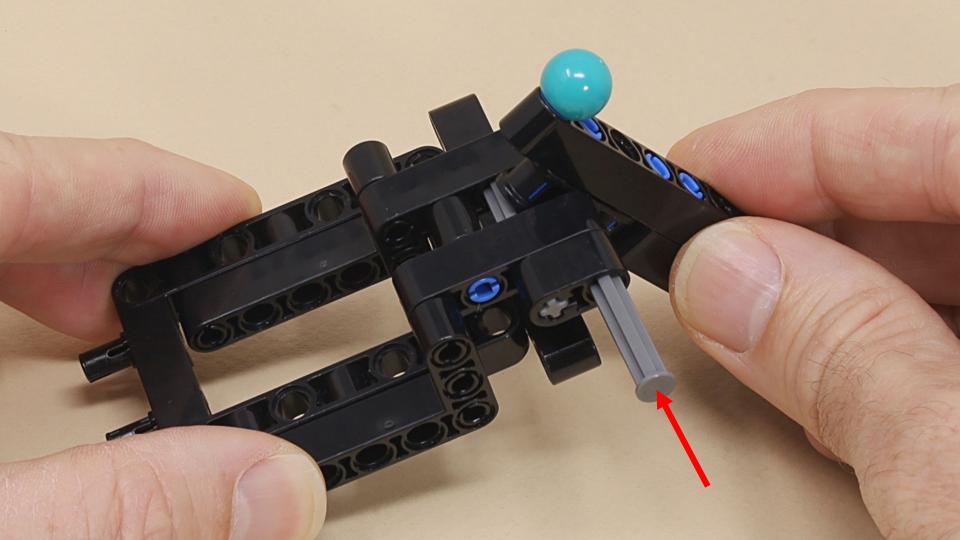


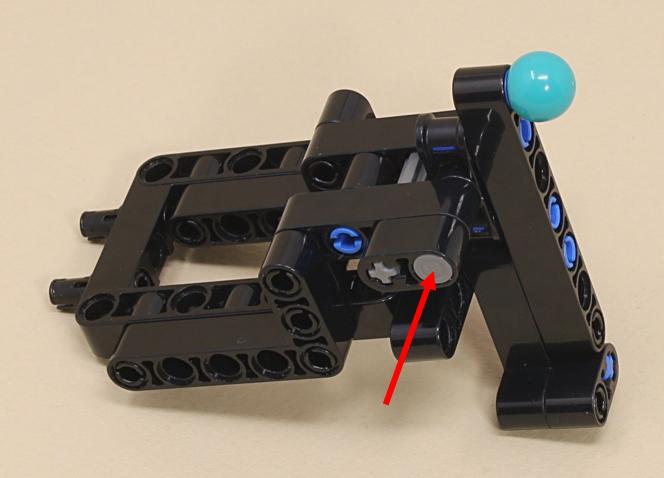


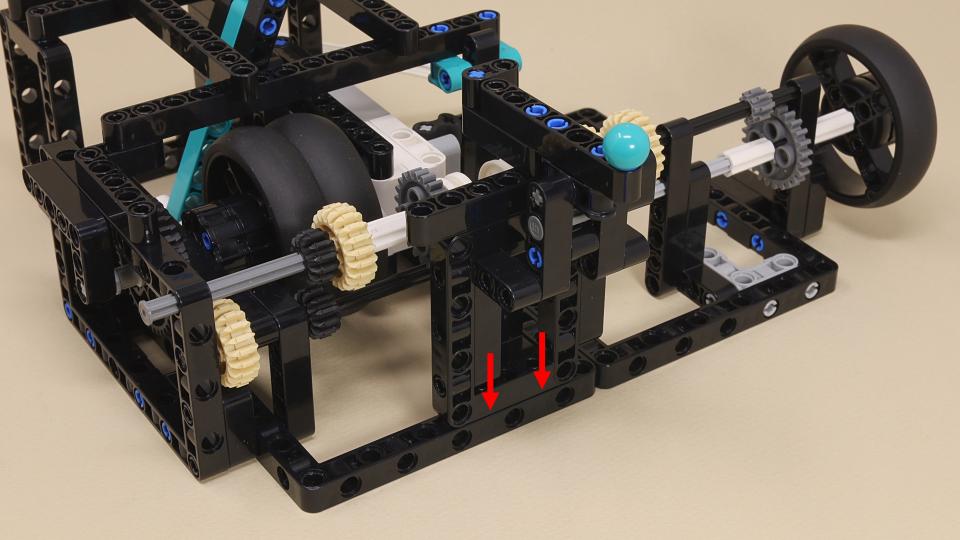


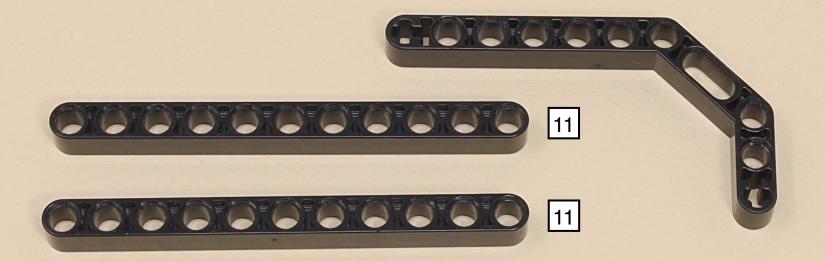












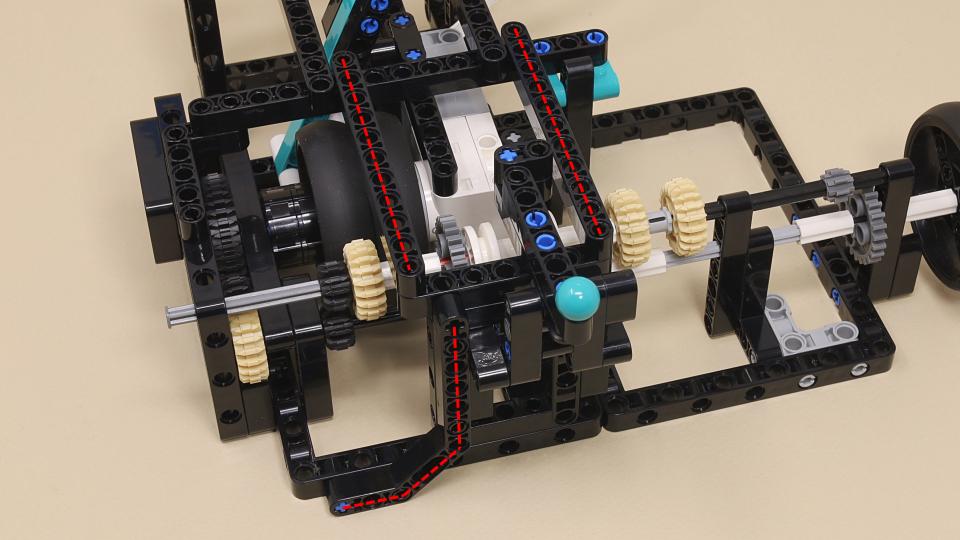


























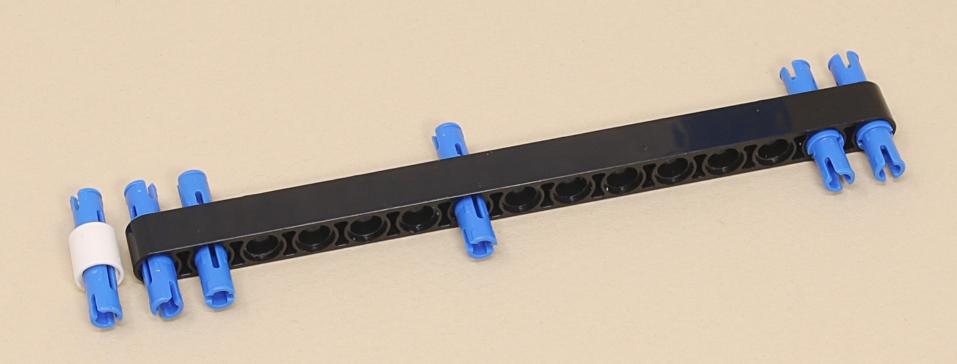


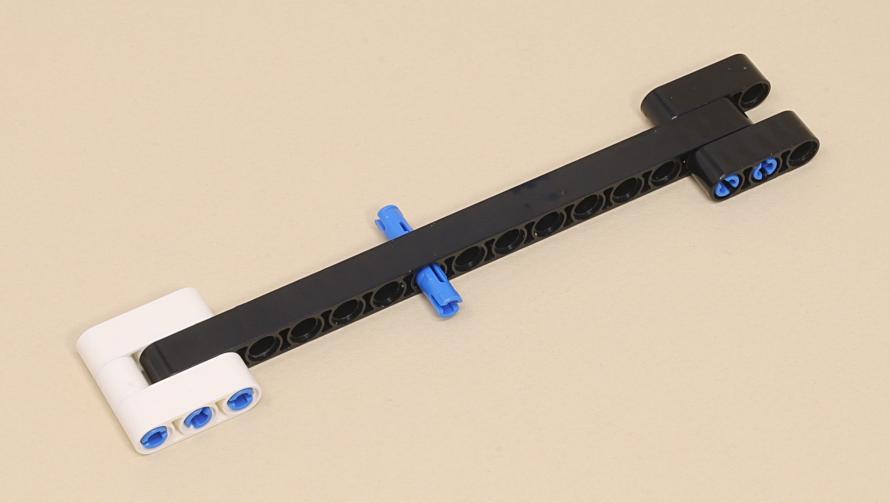


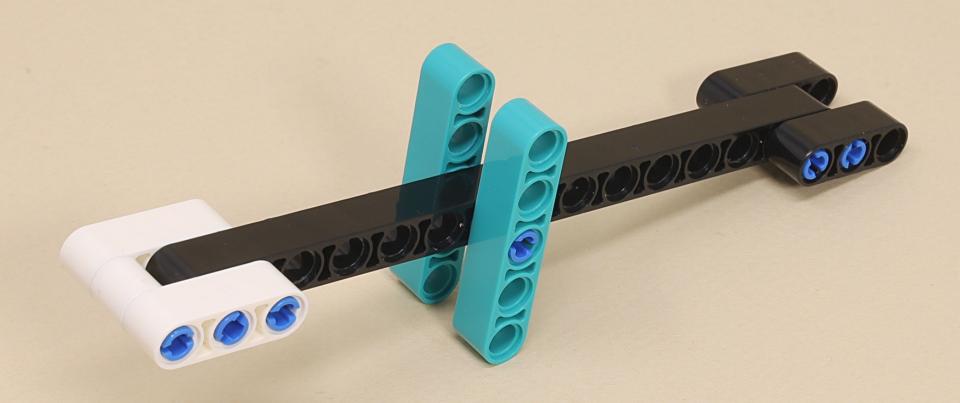


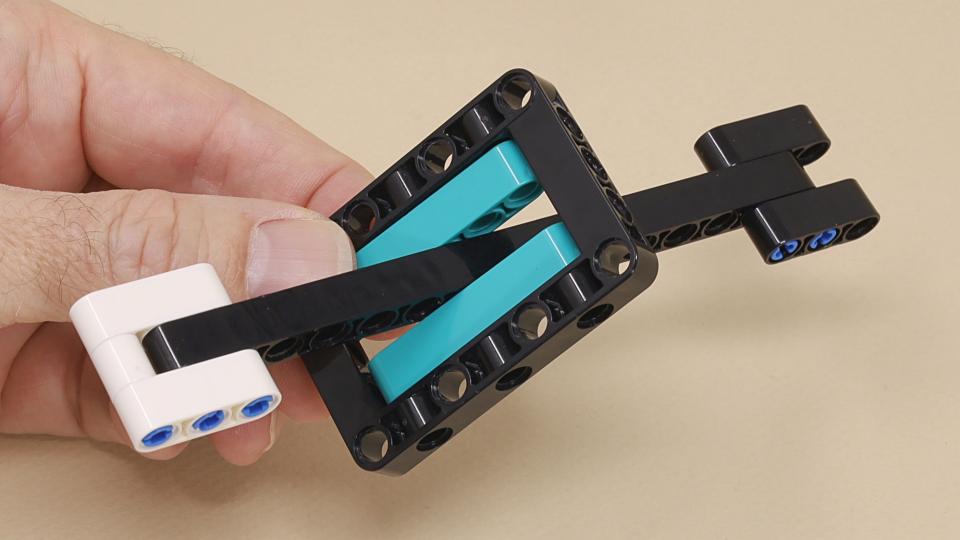


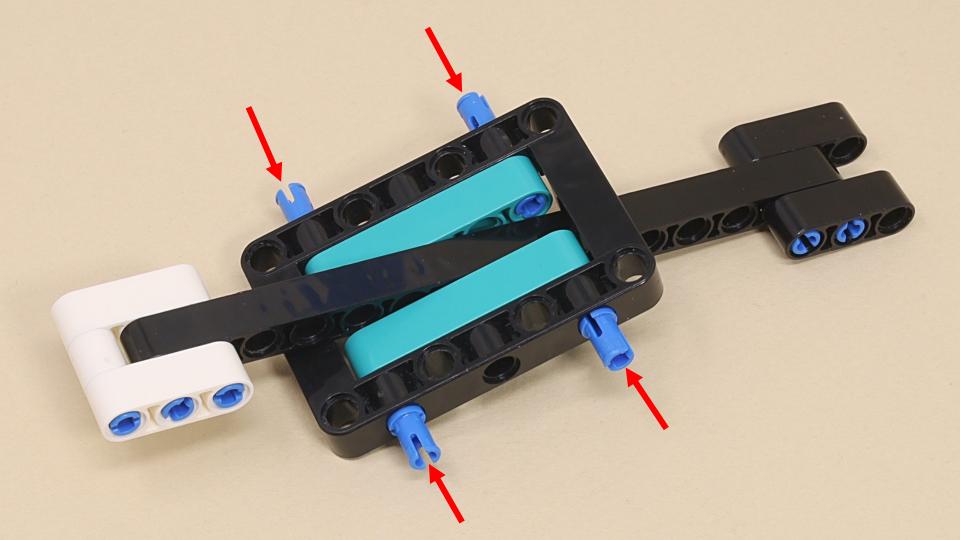


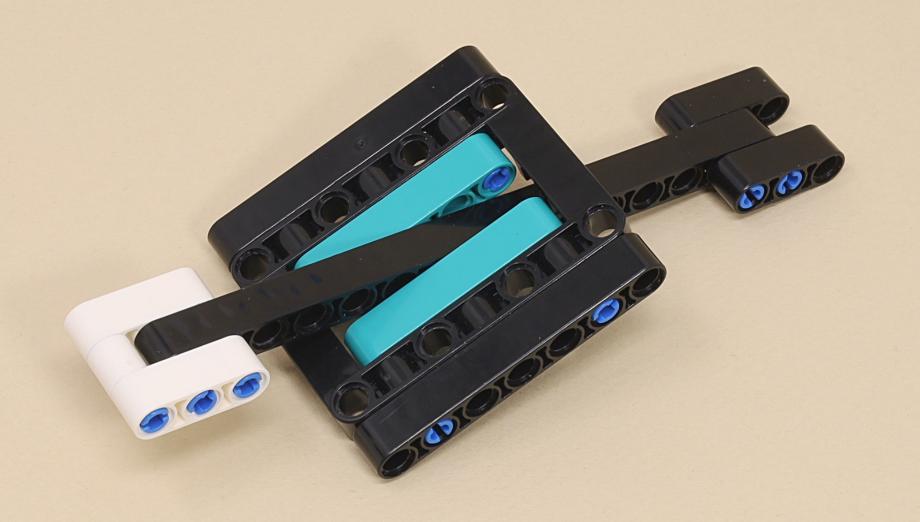


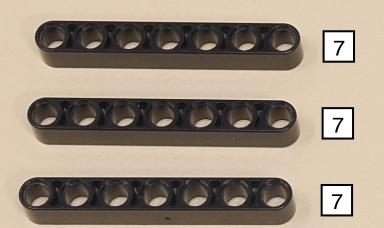












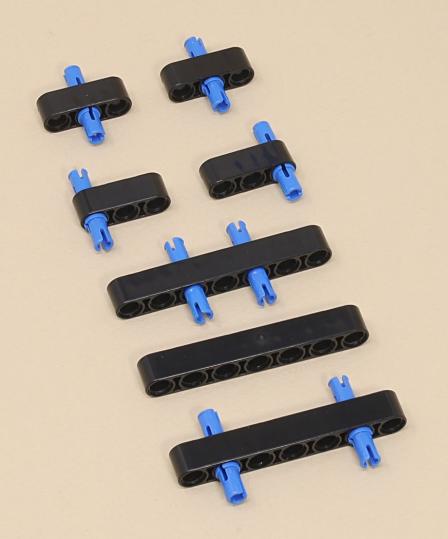




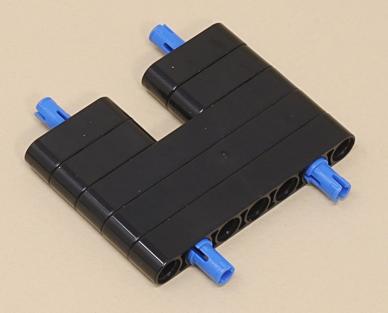


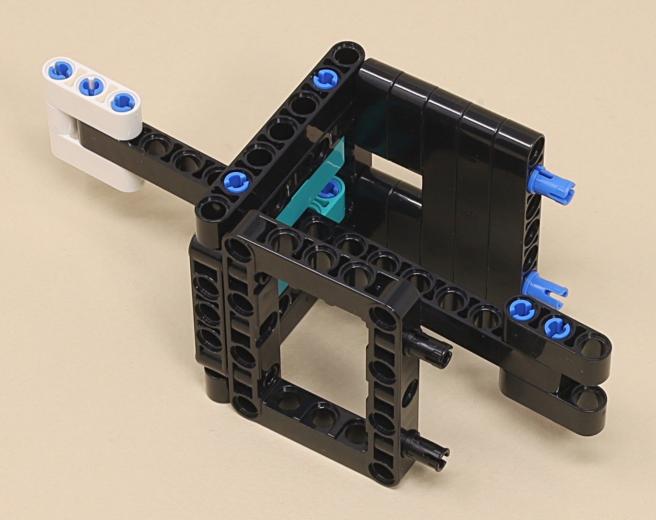


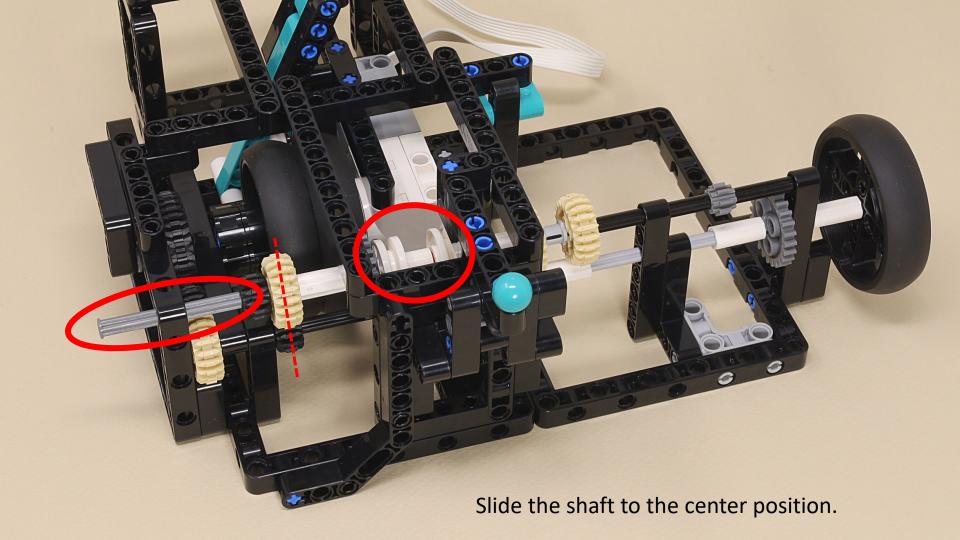
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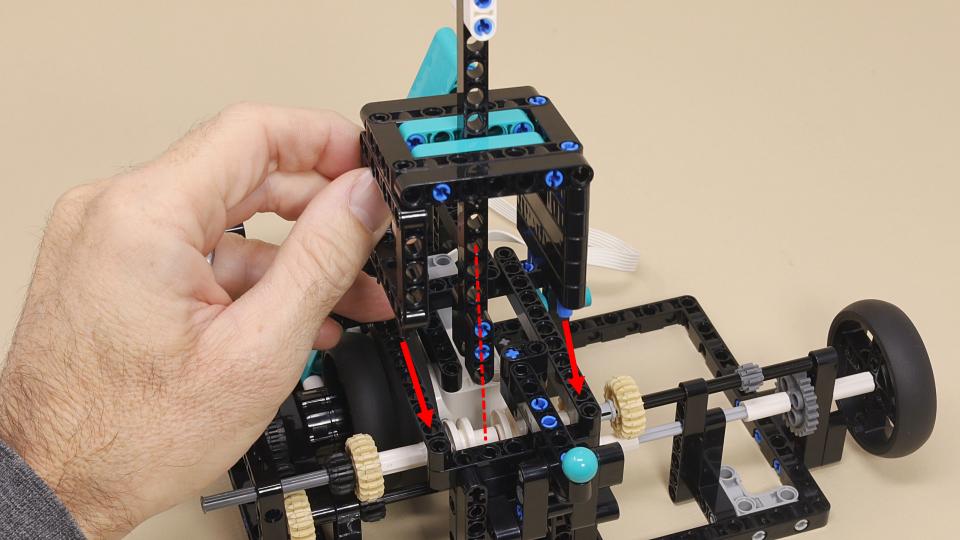


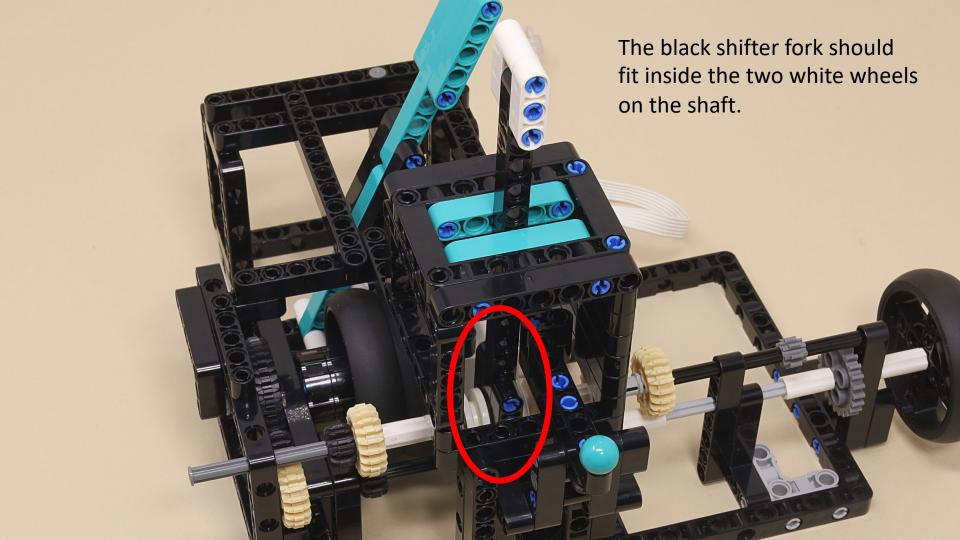


























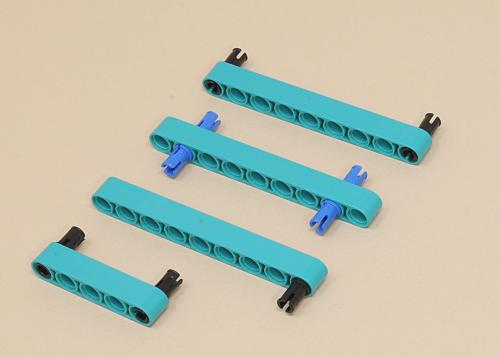


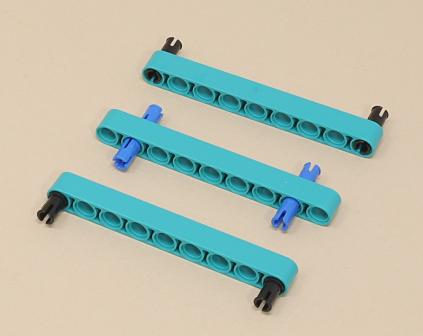


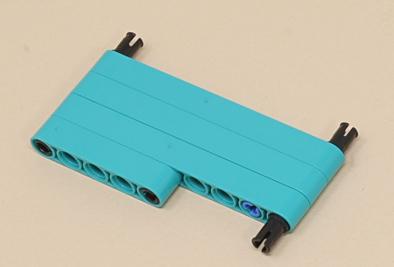








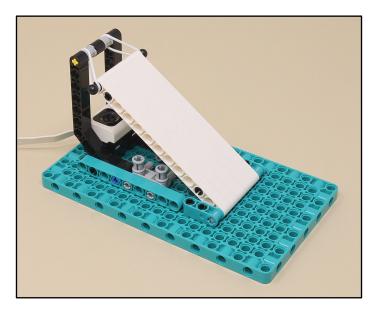








**Optional**: Build the Gas Pedal to control the motor speed with it.



Gas Pedal

If you skip the Gas Pedal, you can complete the last few steps without wiring in the Gas Pedal, and just power the motor using the built-in Play program on the hub.

