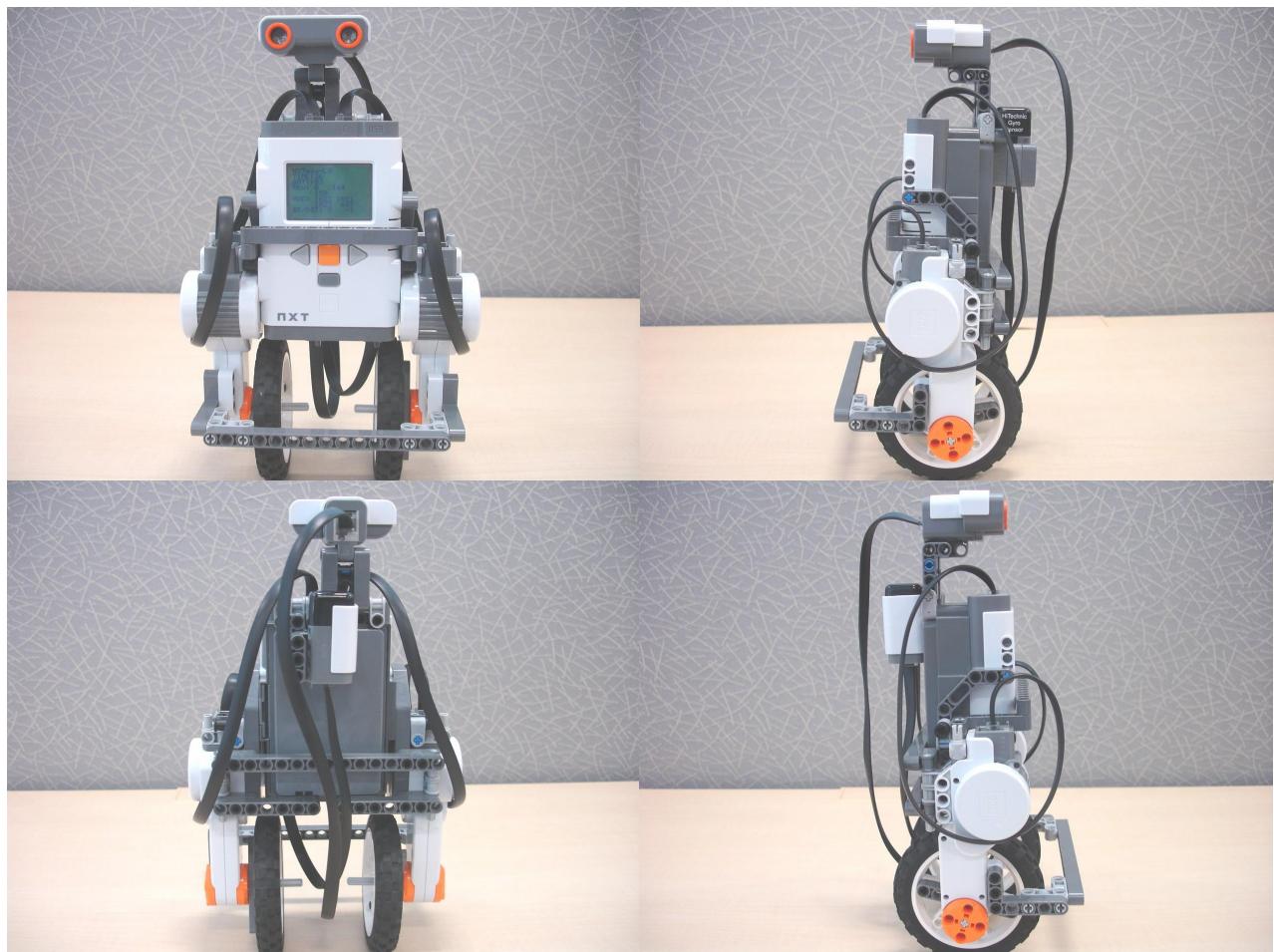


LEGO® MINDSTORMS®

NXTway-GS

Building Instructions



Disclaimer

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According to LEGO Mindstorms NXT Hardware Developer Kit,

“Important note: When the NXT is disassembled or when third party firmware is used with the NXT, all warranties are rendered invalid”.

Therefore, make sure that the author of this document does not take any responsibility for any loss or damage of any kind incurred as a result of the use or the download of this document, nxtOSEK, Embedded Coder Robot NXT and other related third party software/hardware.

Required Products

LEGO Education Products: <http://www.legoeducation.com/store/>

- LEGO MINDSTORMS Education NXT Base Set

Product ID: W979797



- Education Resource Set

Product ID: W979648



- AC Adapter

Product ID: W979833



- Bluetooth Dongle

Product ID: W979847



HiTechnic Product: <http://www.hitechnic.com/>

- NXT Gyro Sensor (Model: NGY1044)

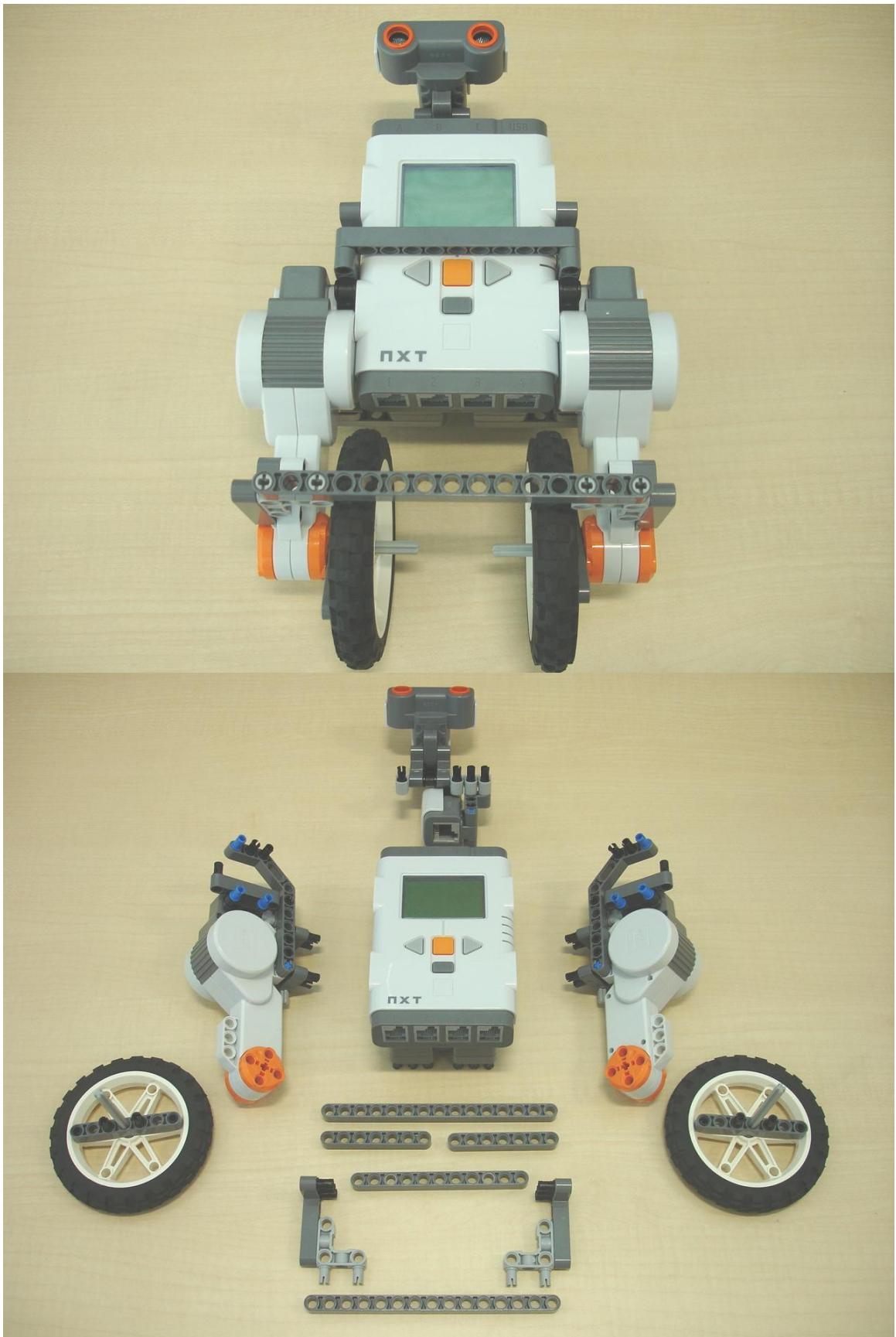


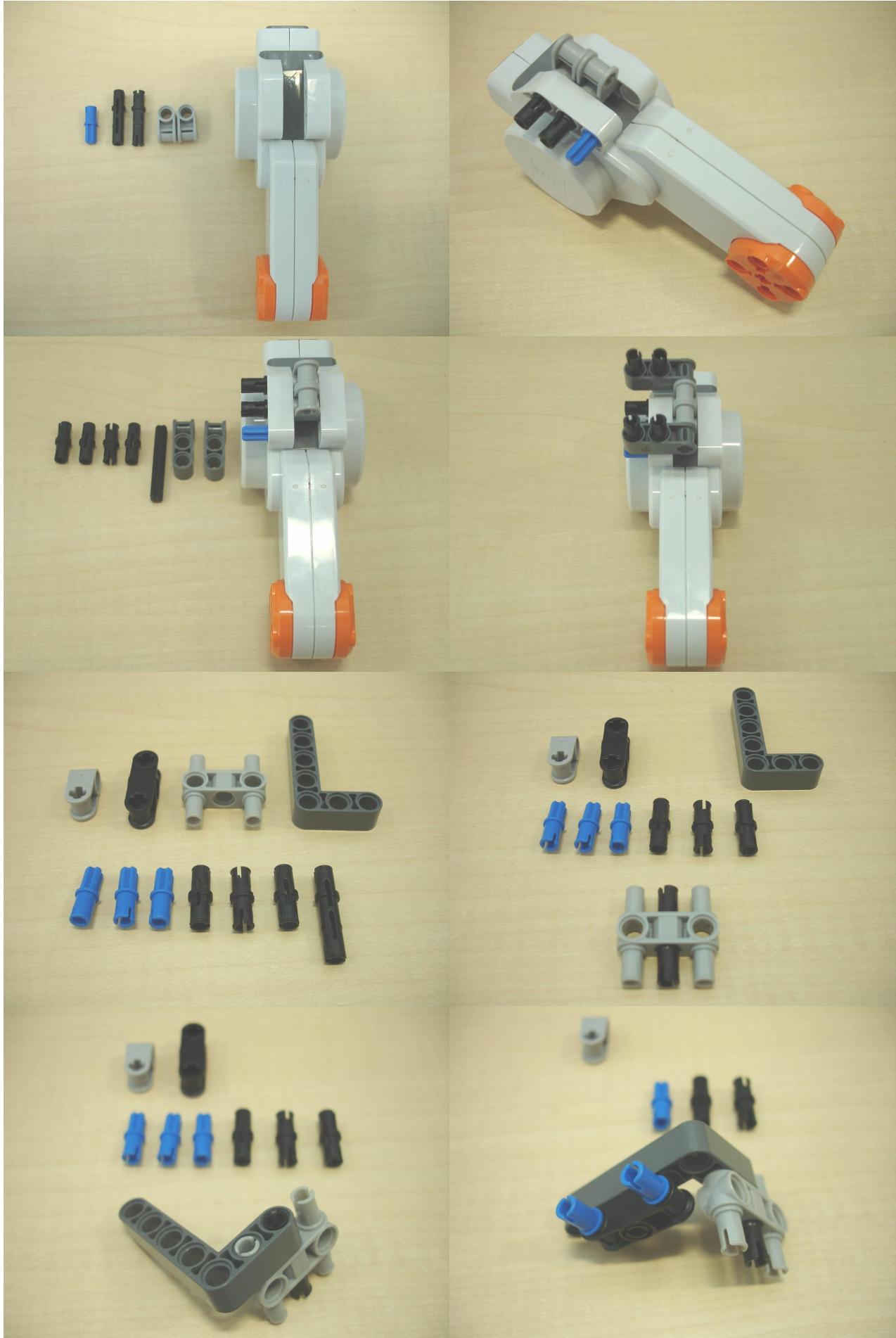
Third party Products:

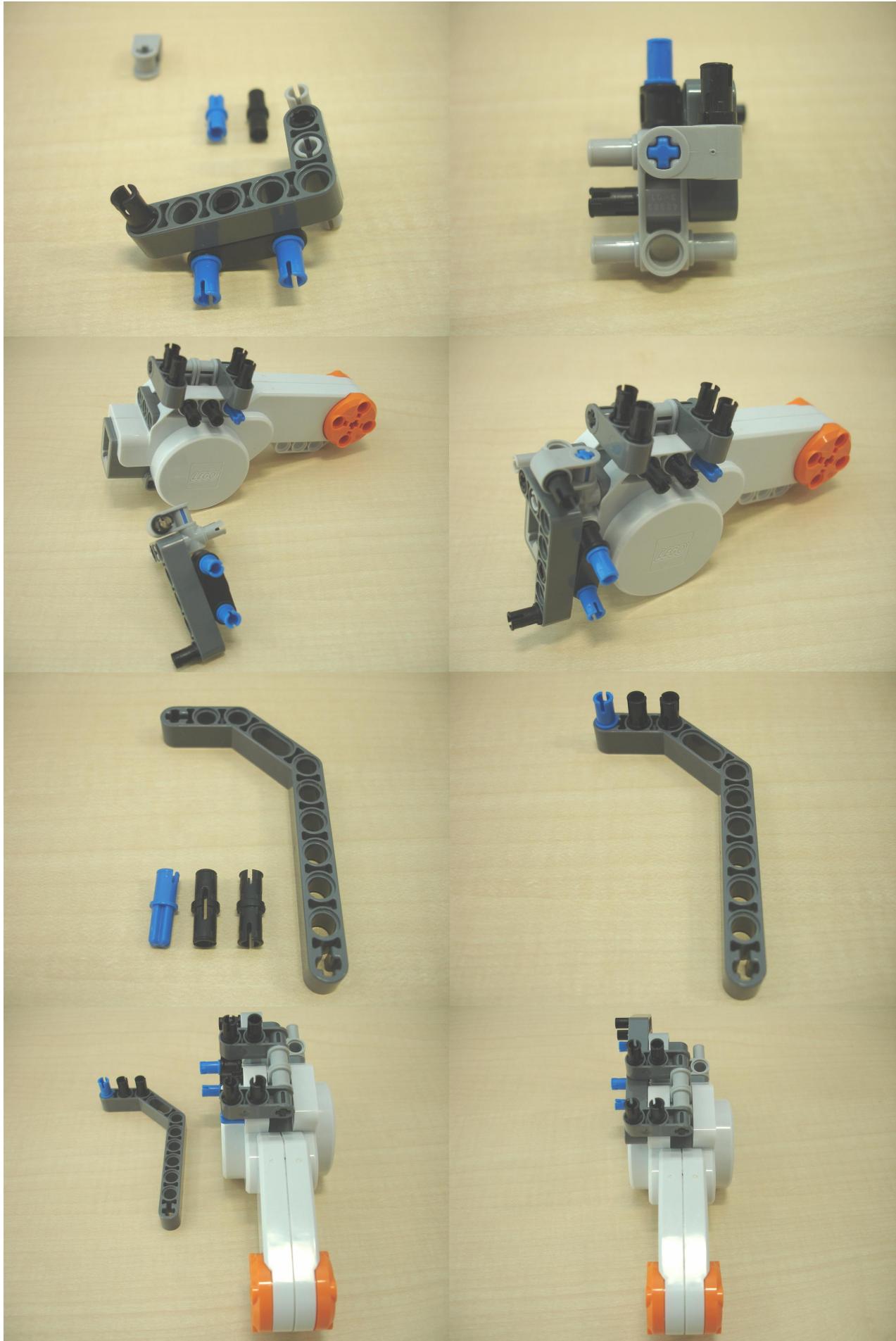
- PC HID GamePad with analog inputs
Used for R/C control via Bluetooth.

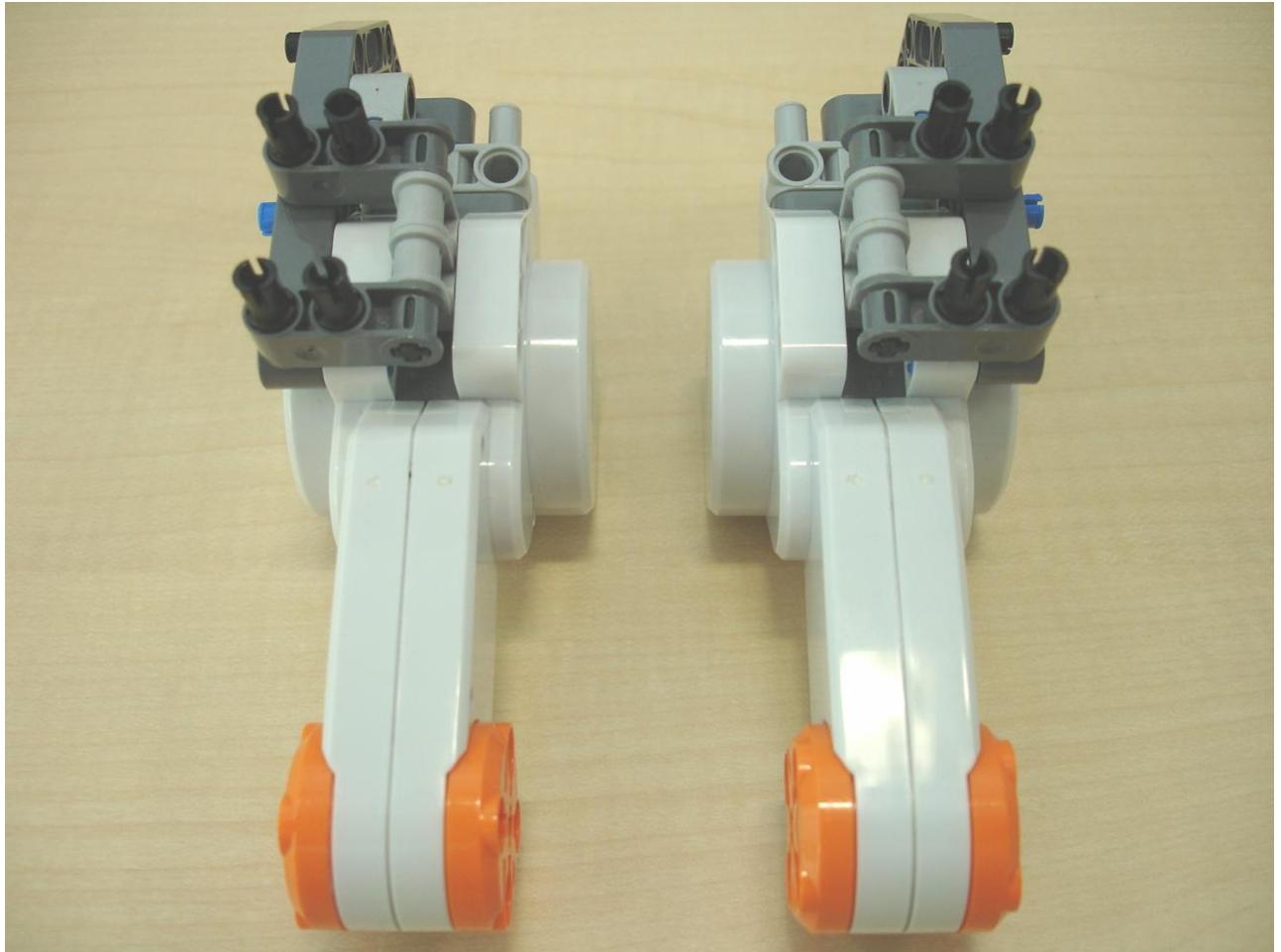


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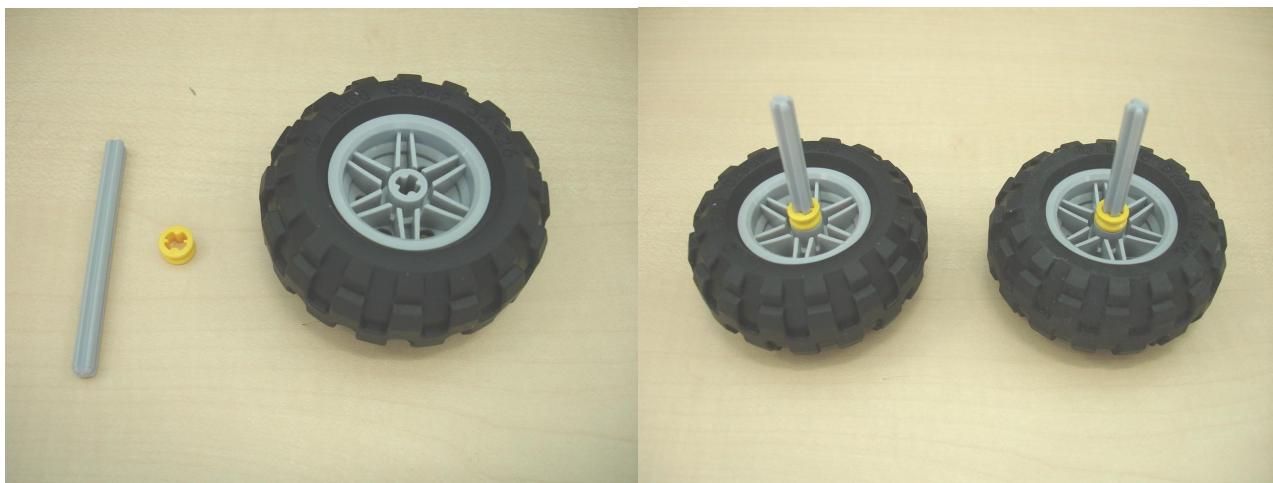




Motorcycle tires

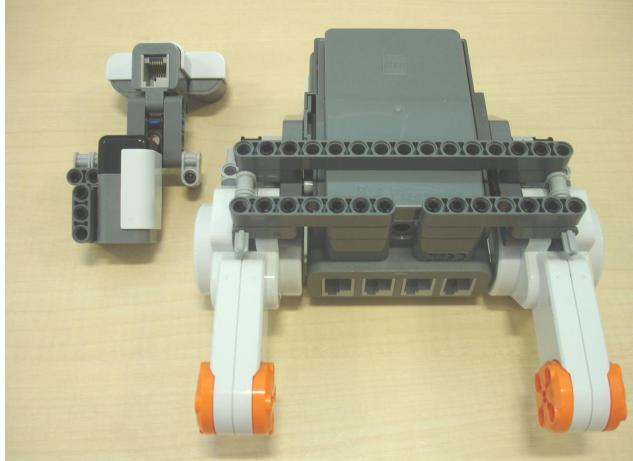
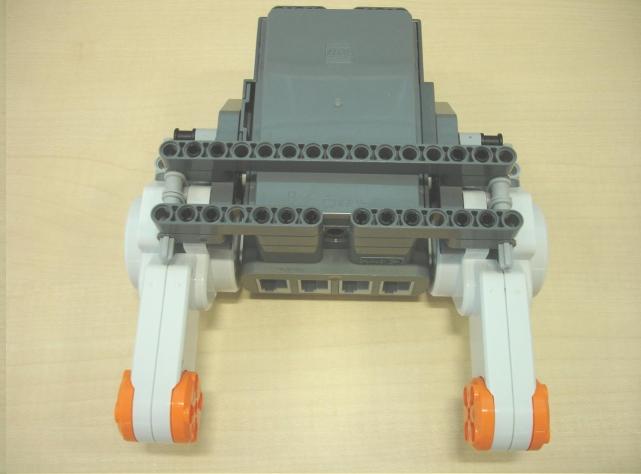
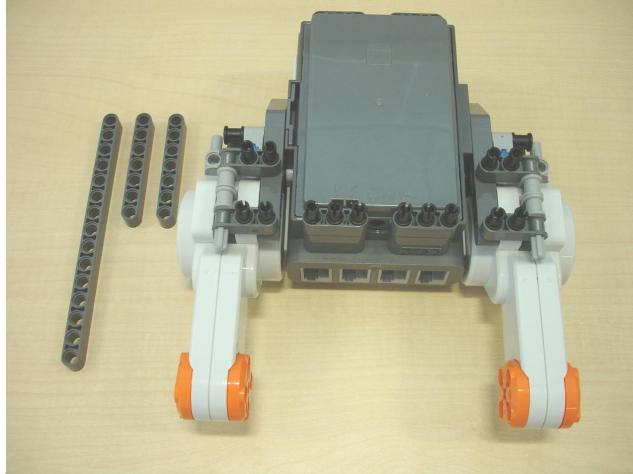
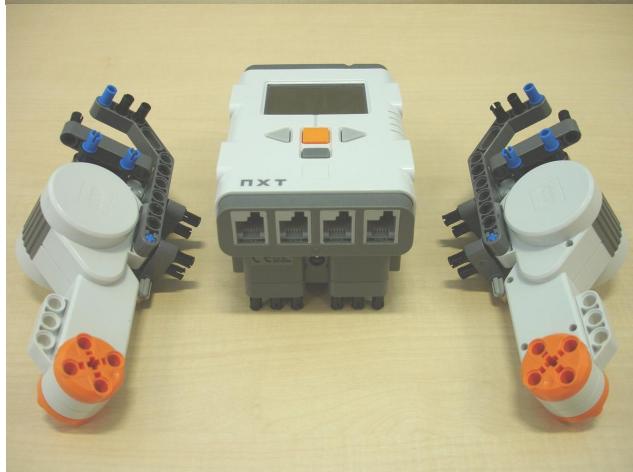


NXT standard tires



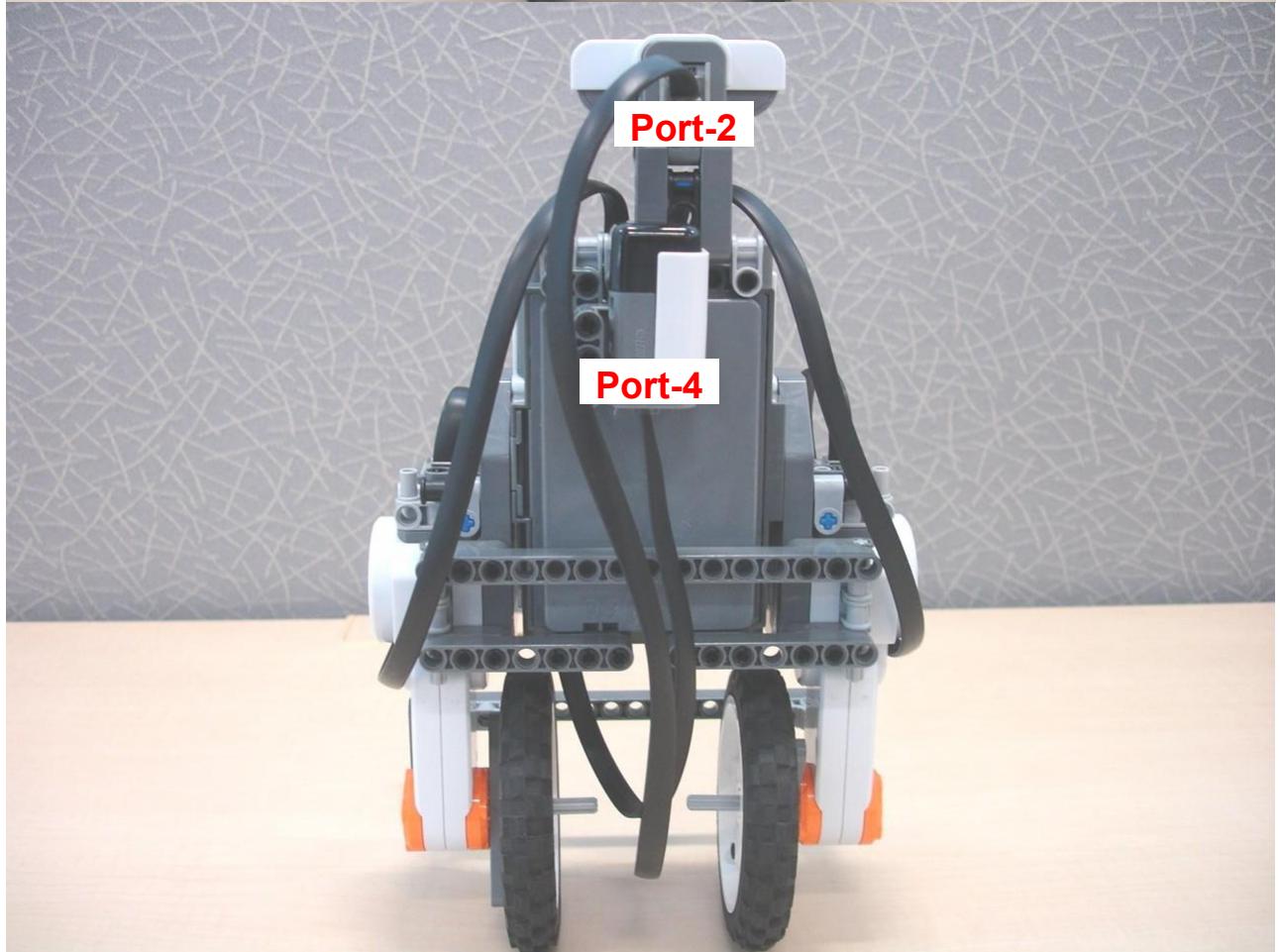






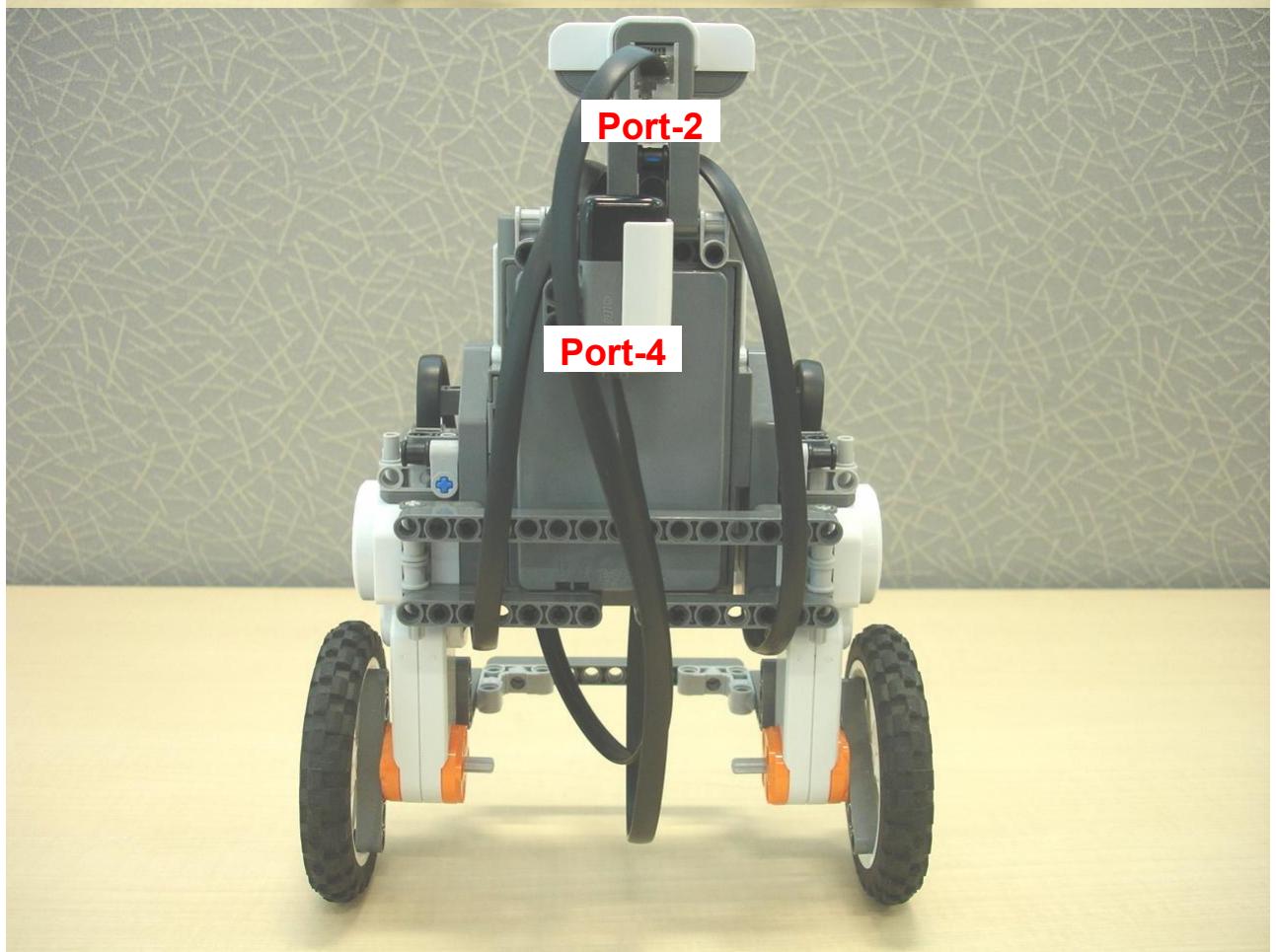
NXTway-GS narrow tread





NXTway-GS wide tread





An example of NXTway-GS based Line Tracer

