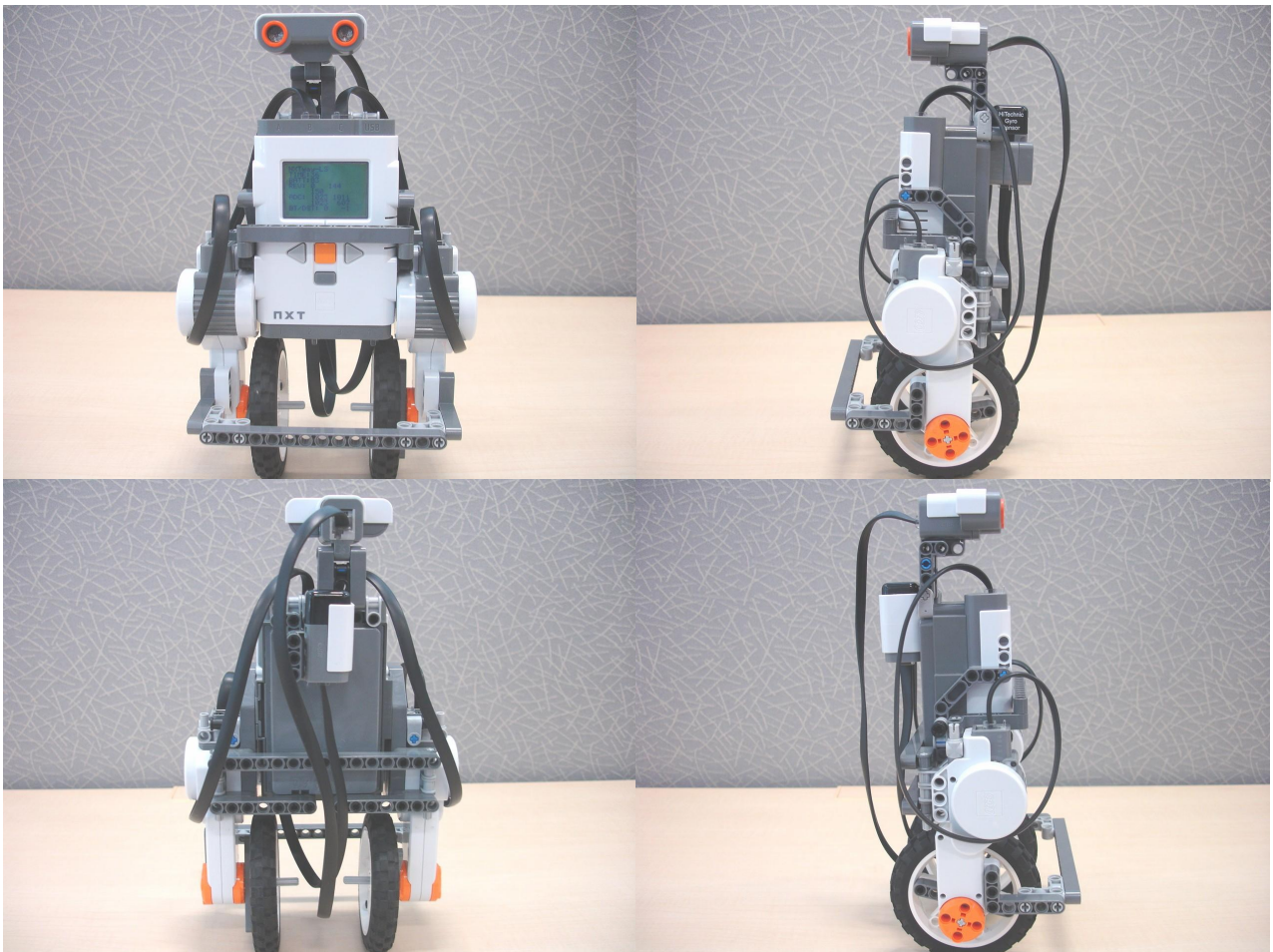


# LEGO® MINDSTORMS®

## 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)

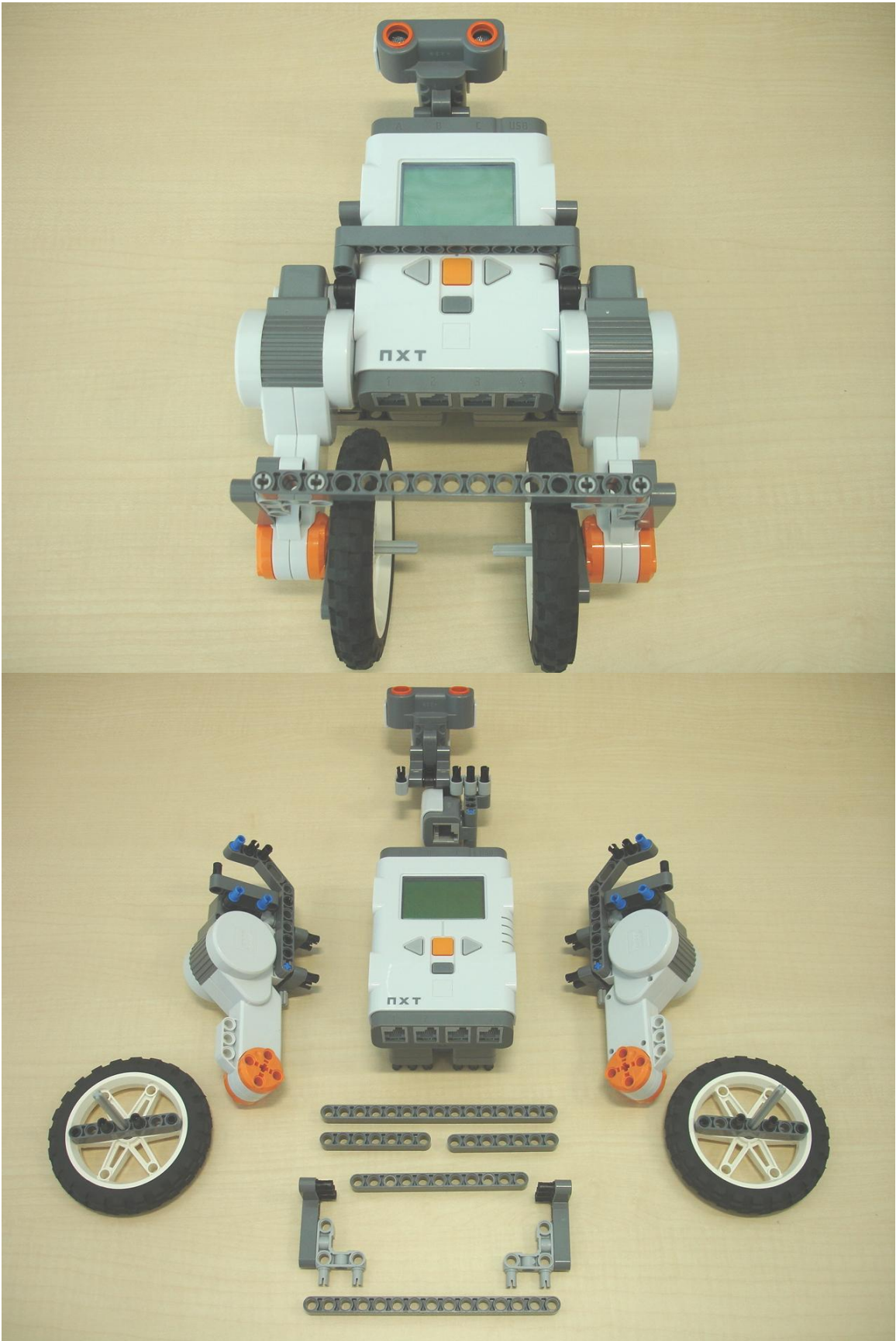


Third party Products:

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

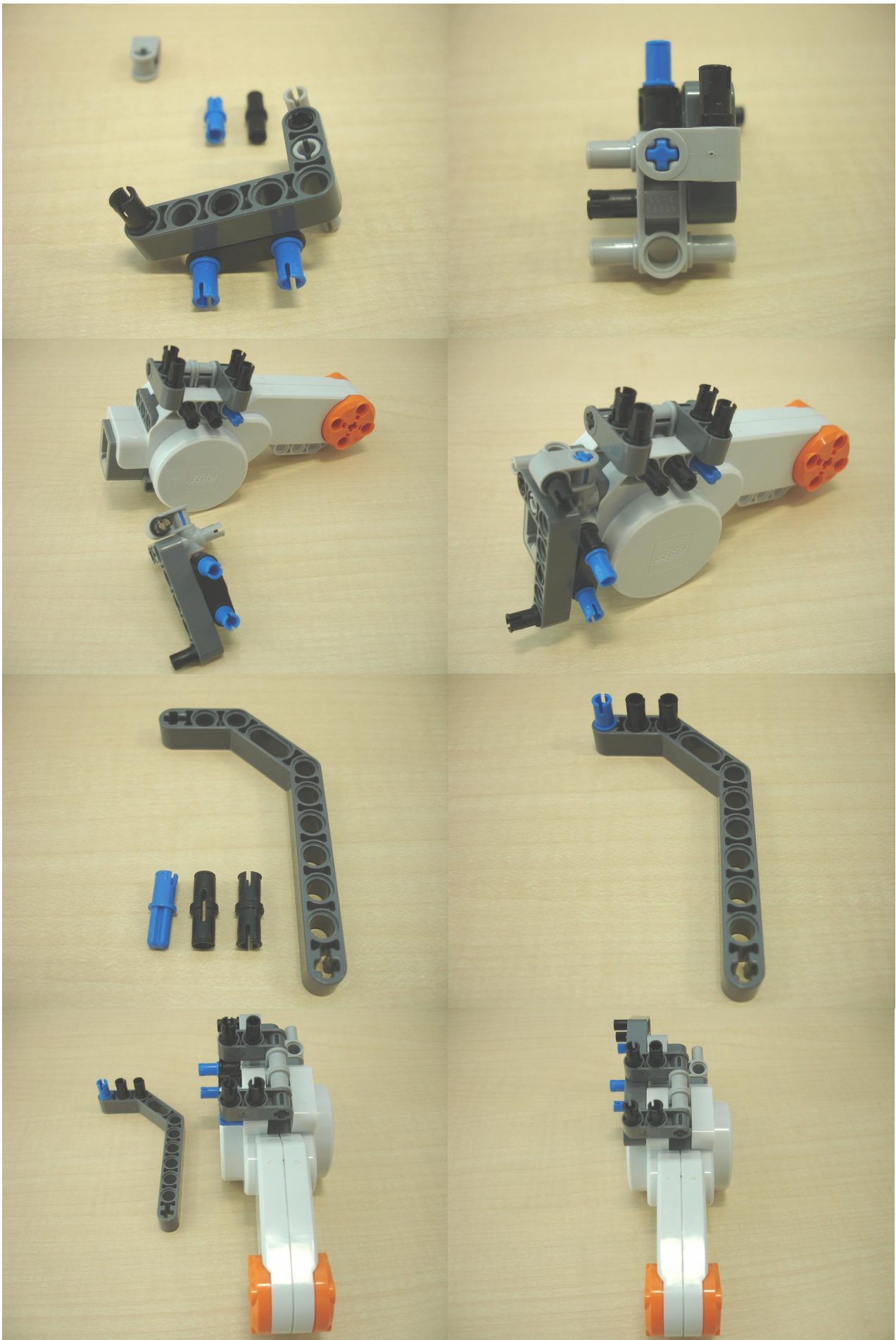


Building Instructions

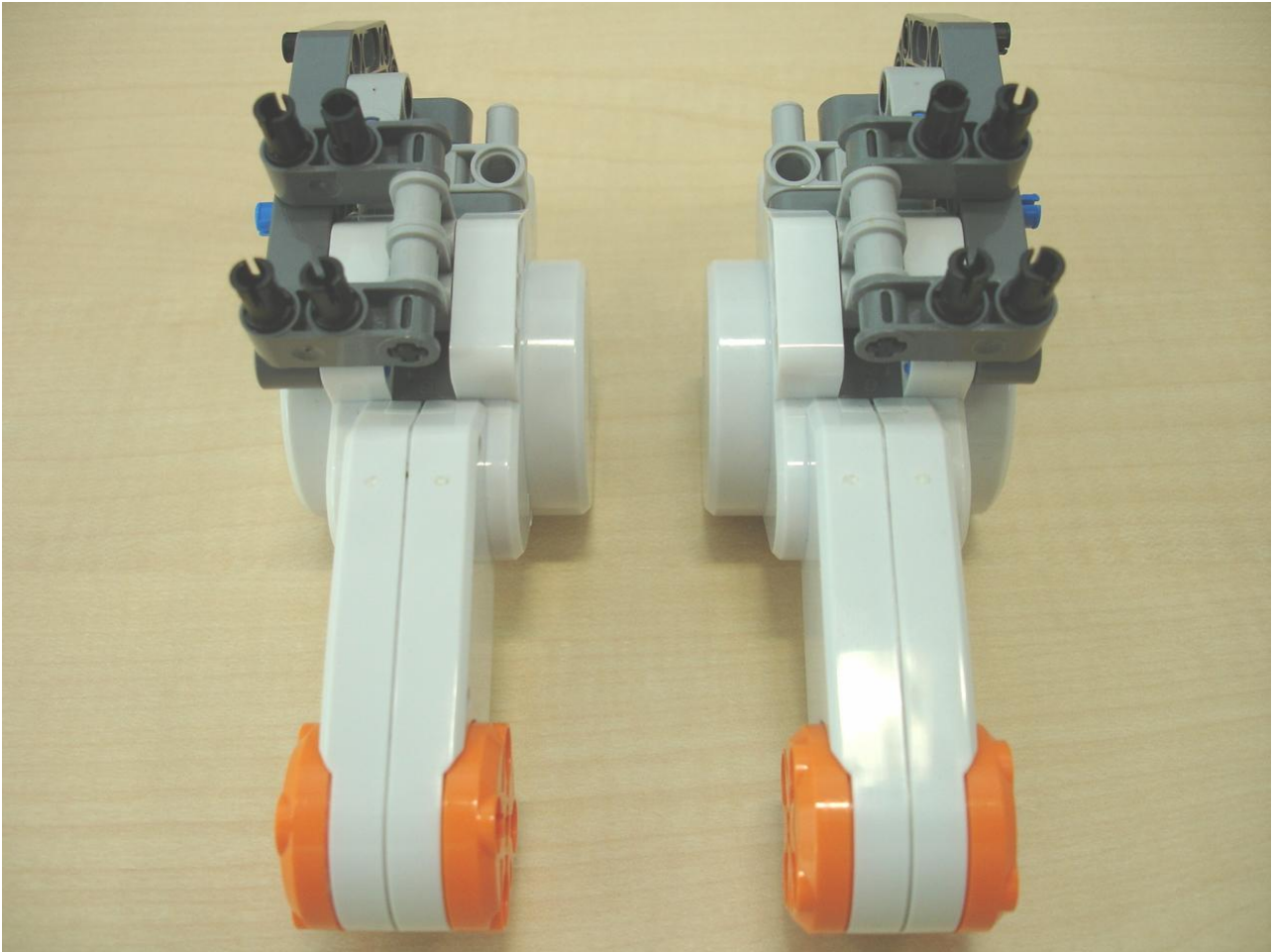










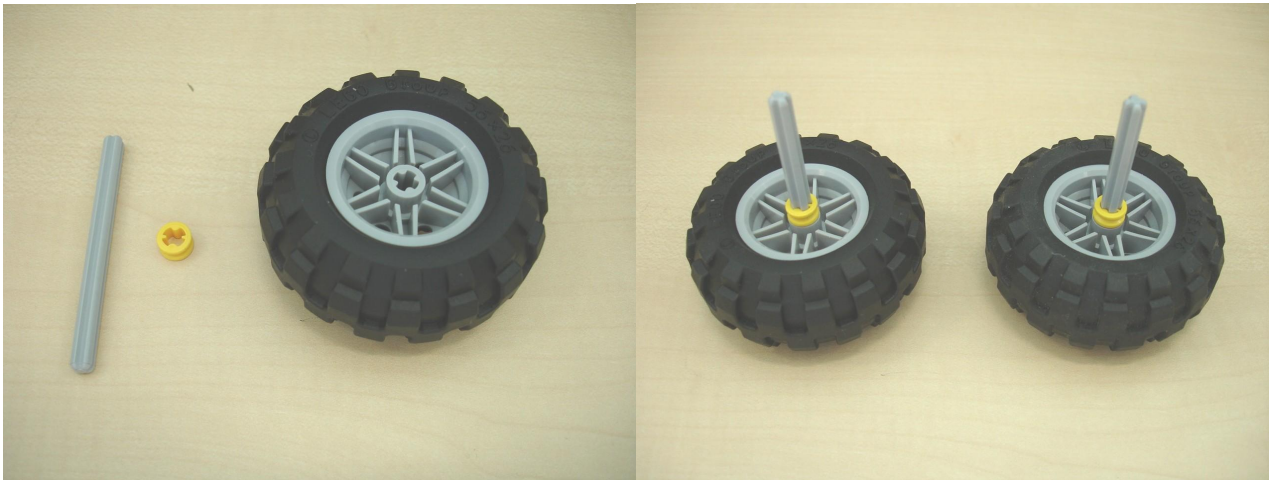


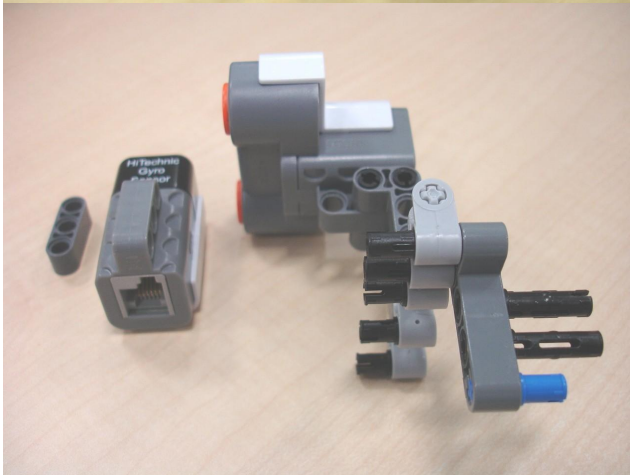
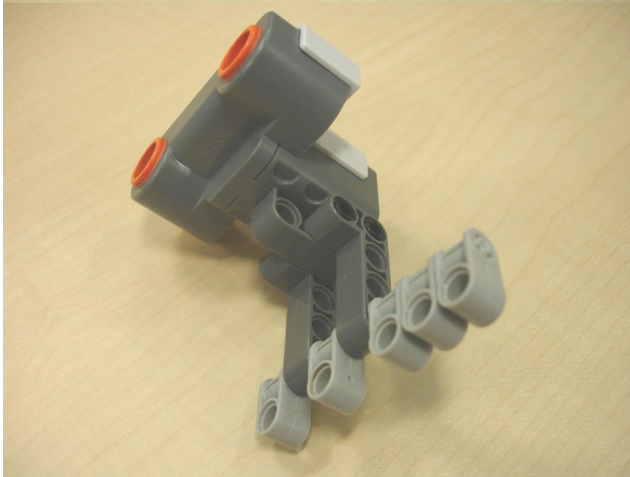


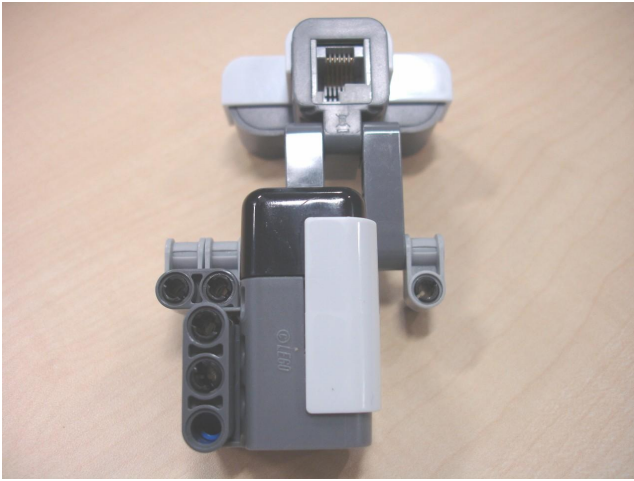
Motorcycle tires



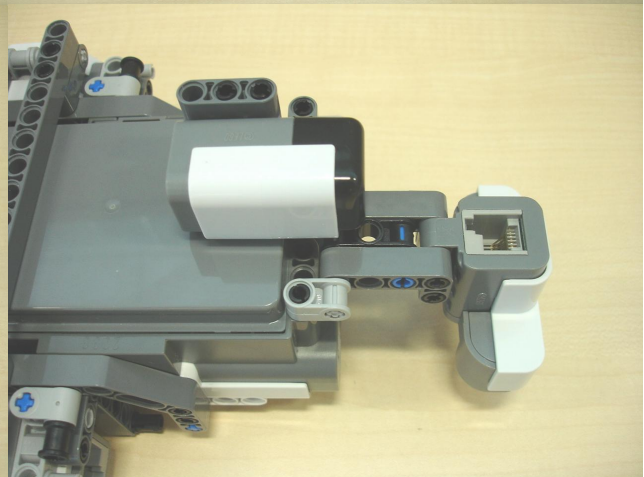
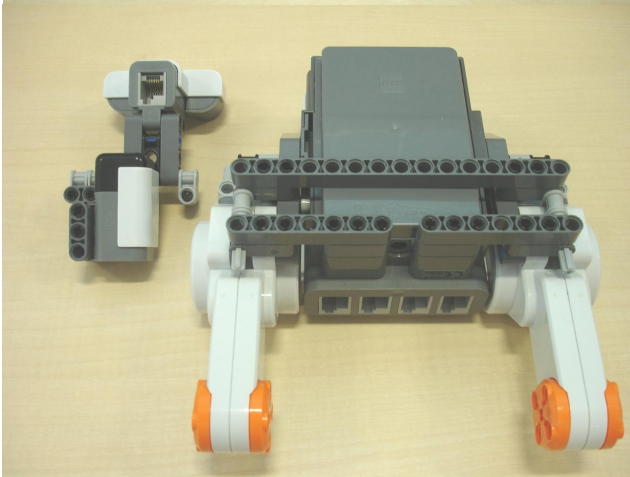
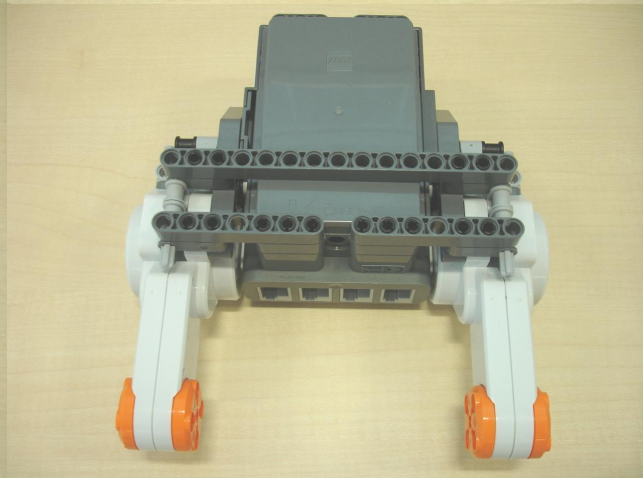
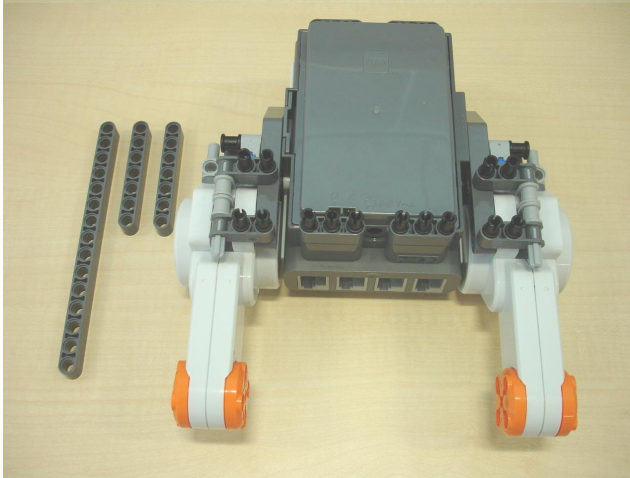
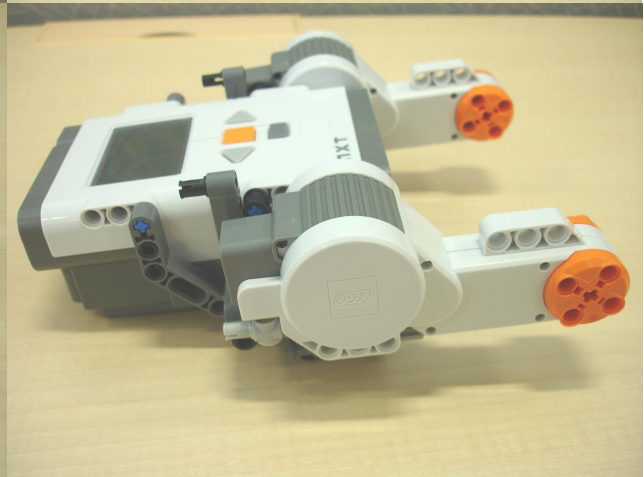
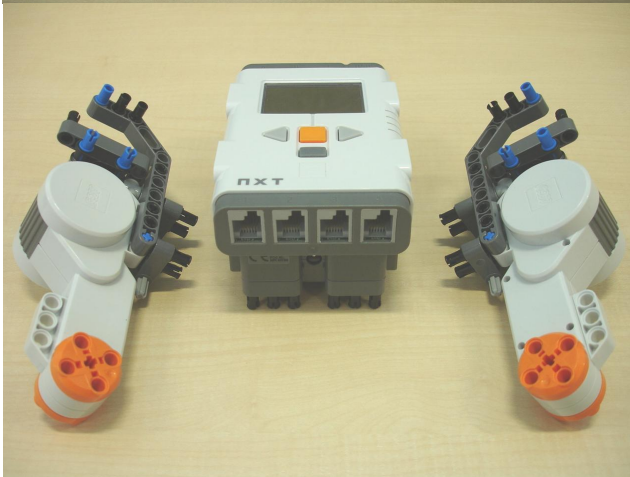
NXT standard tires







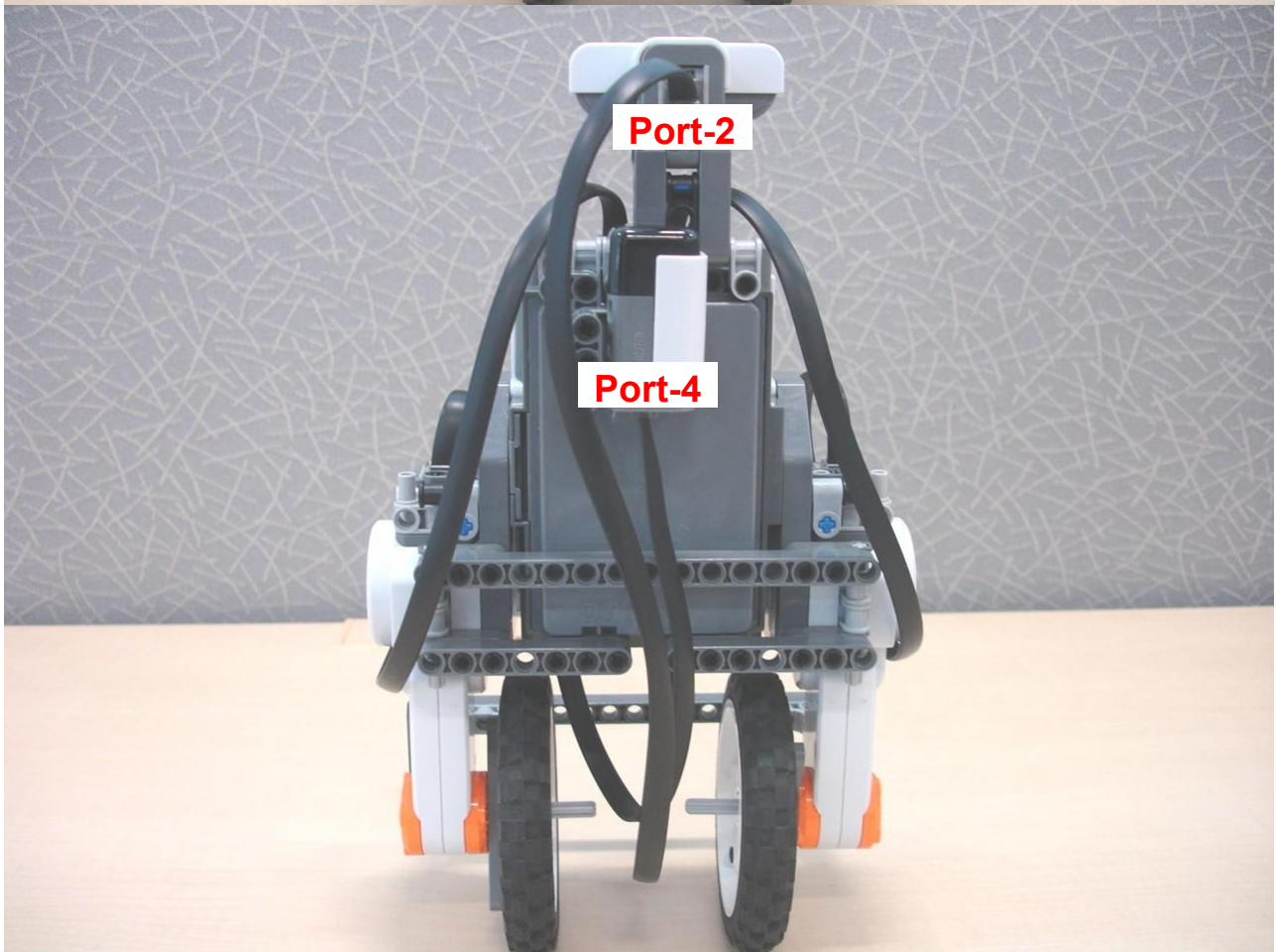
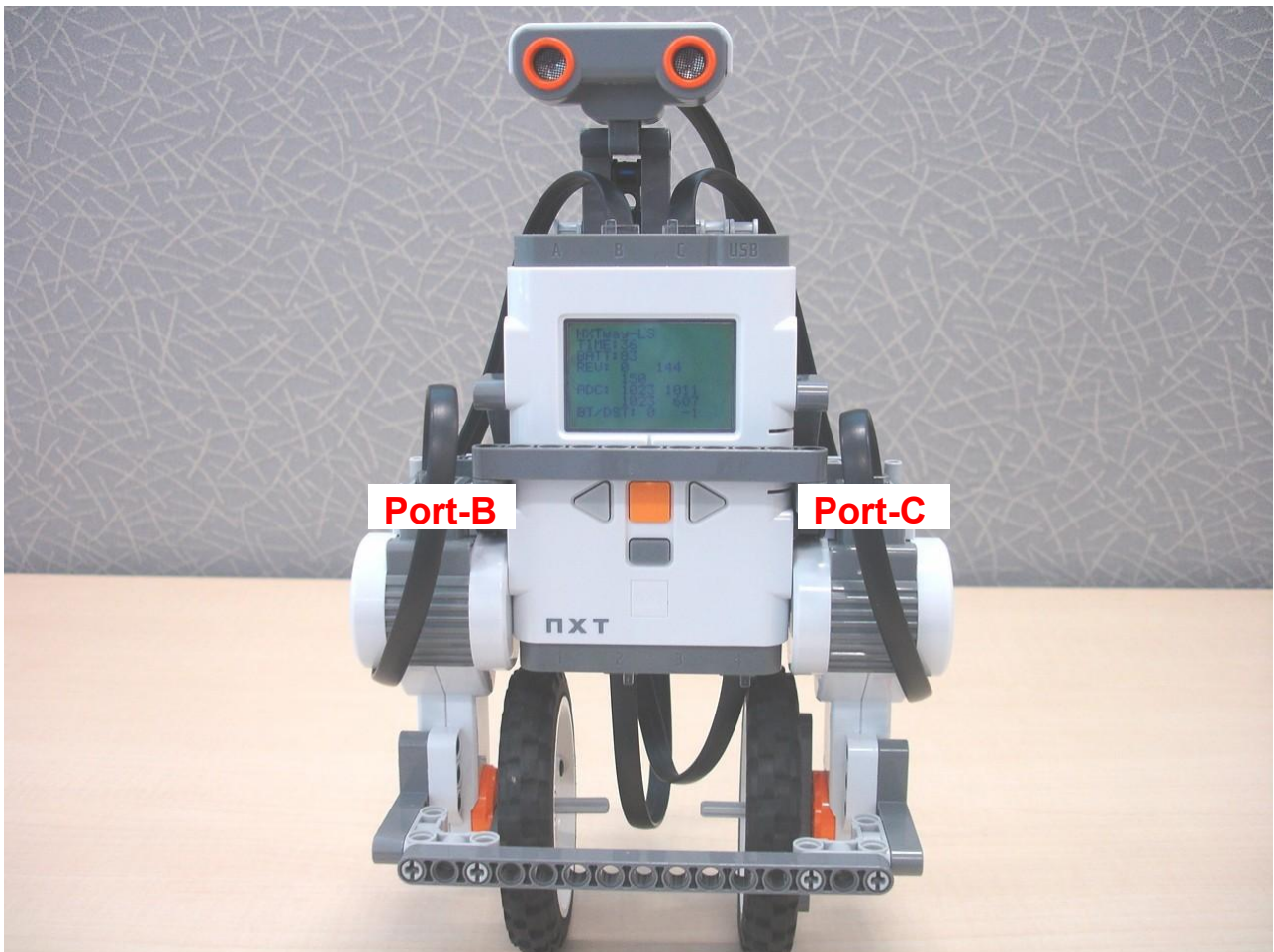




NXTway-GS narrow tread



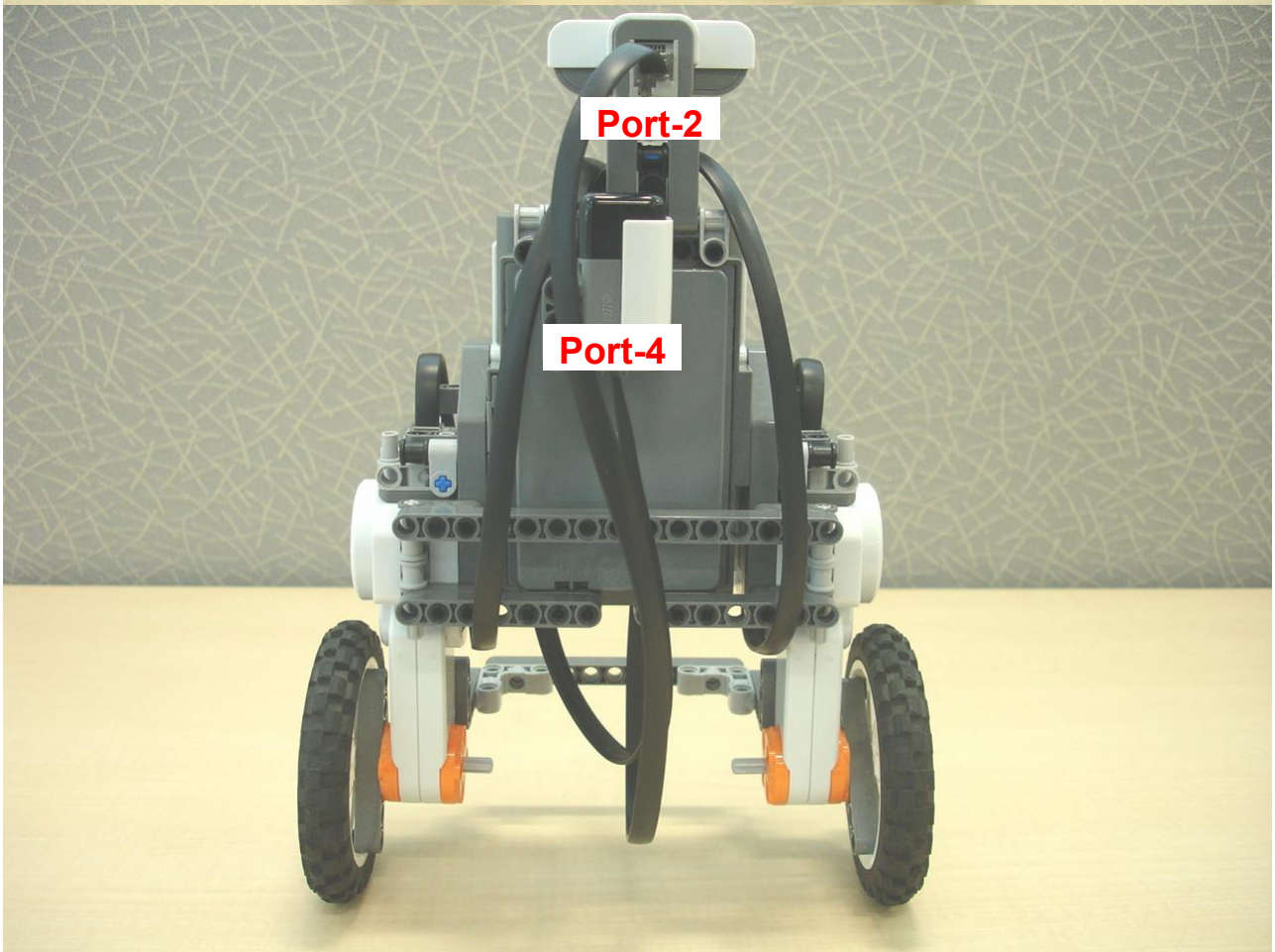






NXTway-GS wide tread







An example of NXTway-GS based Line Tracer

