

Express-Bot is designed for use with the LEGO® MINDSTORMS® Education NXT Base Set (9797), requiring no extra parts.

Express-Bot

Selected Attachment
Combination Ideas



Driving Base

Robot Base + Balance Wheel



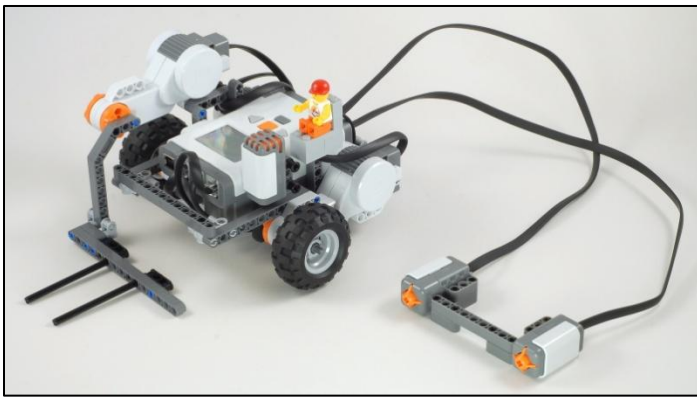
Line Sensing Pusher

Driving Base + Pusher +
Light Sensor



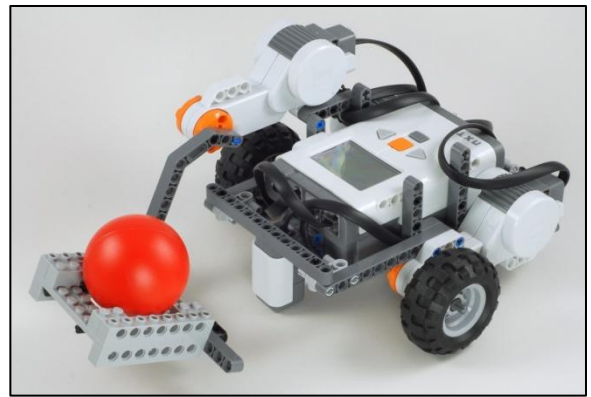
4-Sensor Test Bot

Driving Base + Touch Sensor +
Light Sensor + Sound Sensor +
Ultrasonic Sensor



Remote Controlled Forklift

Robot Base + Vertical Motor + Forklift Arm + Driver +
Sound Sensor + Two Button Remote Control



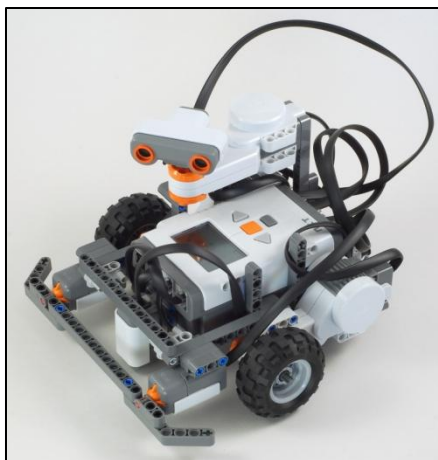
Line Following Forklift

Robot Base + Forklift Arm + Light Sensor



Ultrasonic Ball Kicker

Driving Base + Vertical Motor +
Kicker + Ultrasonic Sensor



Pivoting Head Explorer

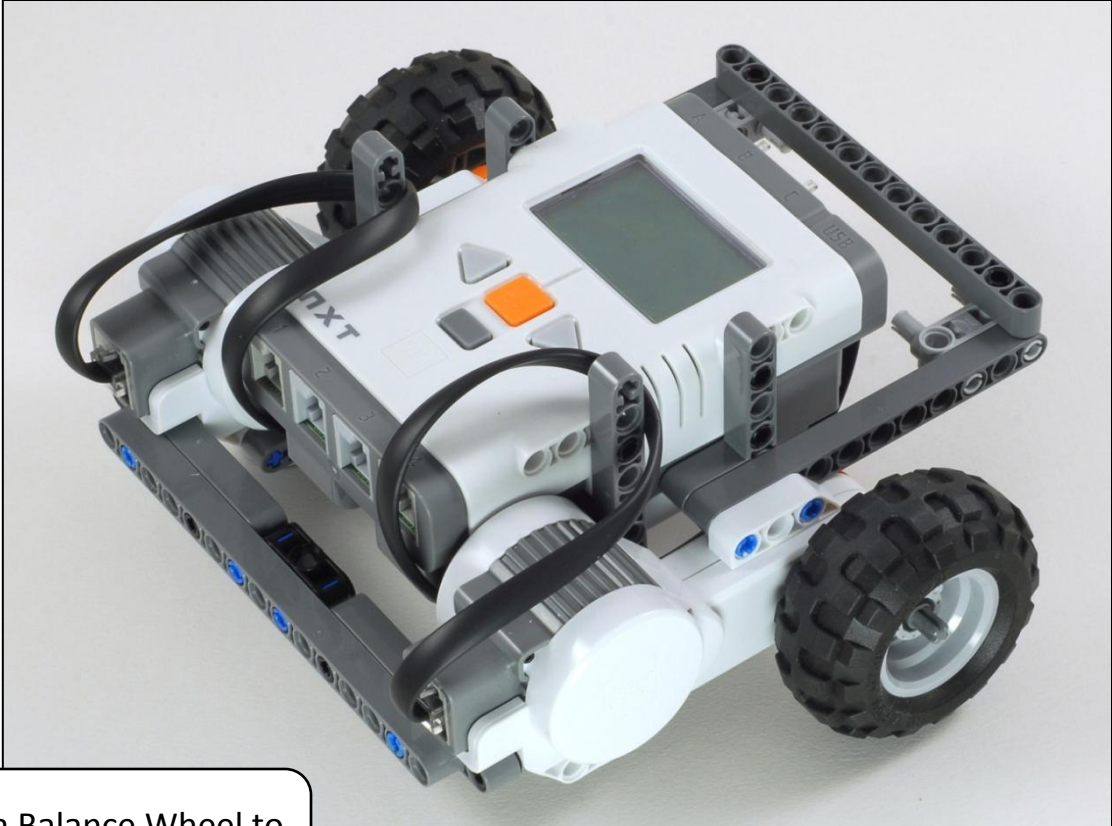
Driving Base + Horizontal Motor +
Ultrasonic Sensor + Light Sensor +
Double Touch Sensor Bumper



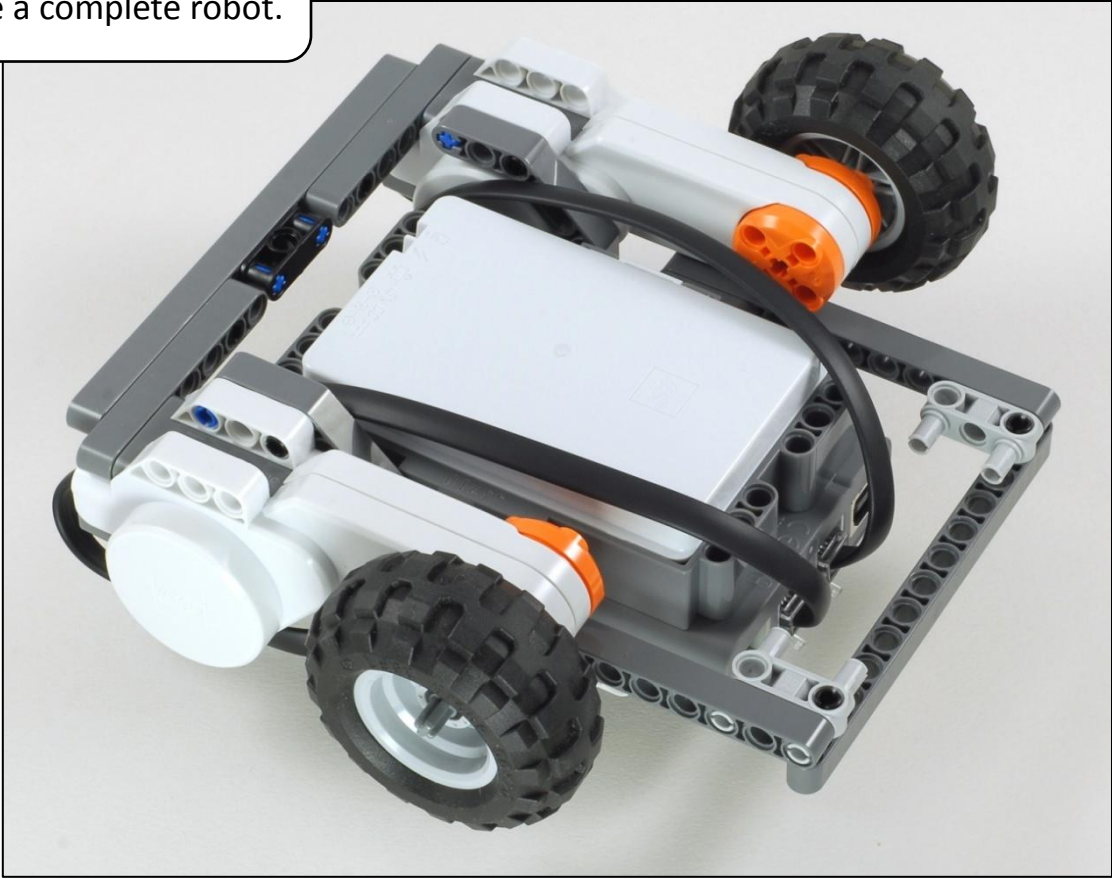
Robot Tag

Driving Base + Vertical Motor +
Long Arm + Ultrasonic Sensor +
Double Touch Sensor Bumper +
Light Sensor

Robot Base



Add a Balance Wheel to make a complete robot.

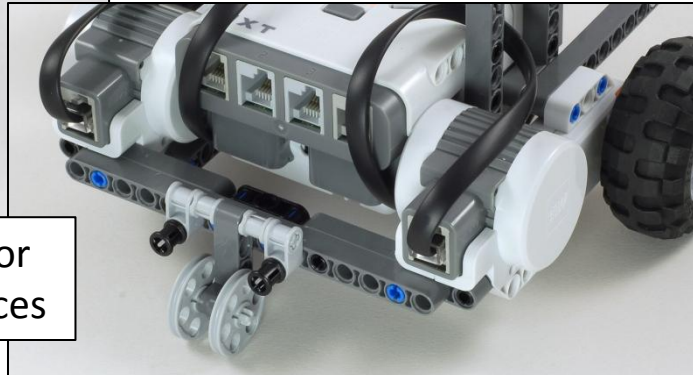


Balance Wheels

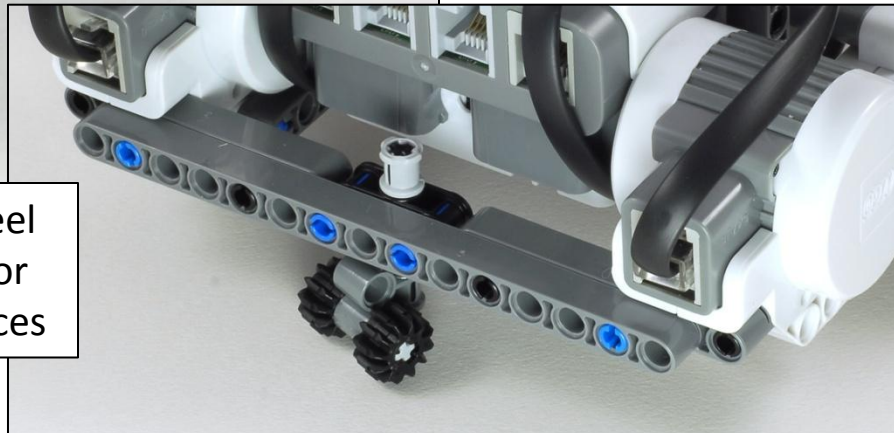
Choose either the Skid Wheel or the Castor Wheel, depending on your surface.



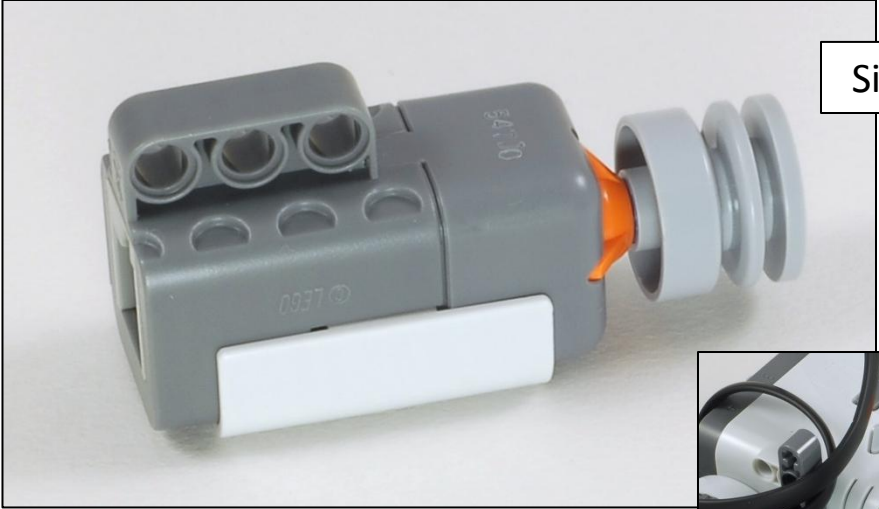
Skid Wheel for smooth surfaces



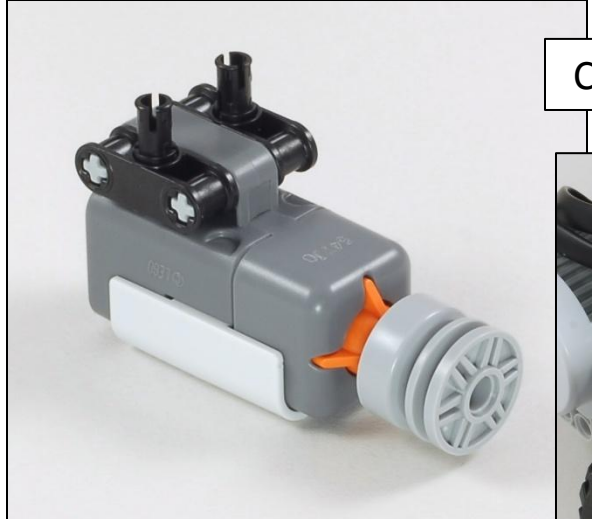
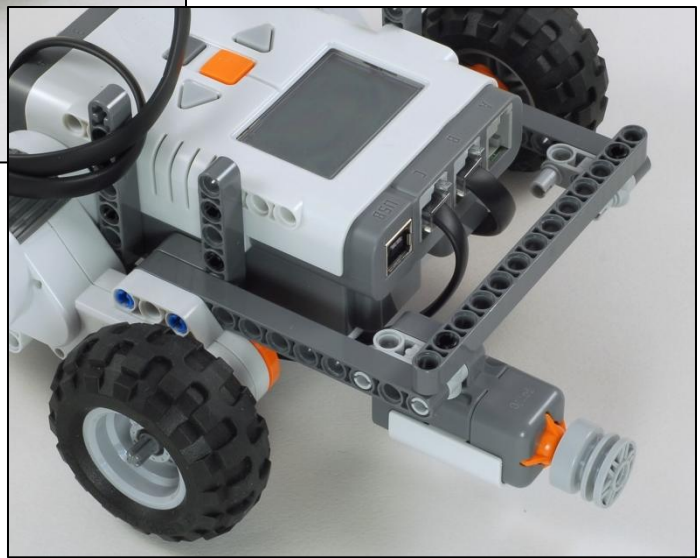
Castor Wheel for carpet or rough surfaces



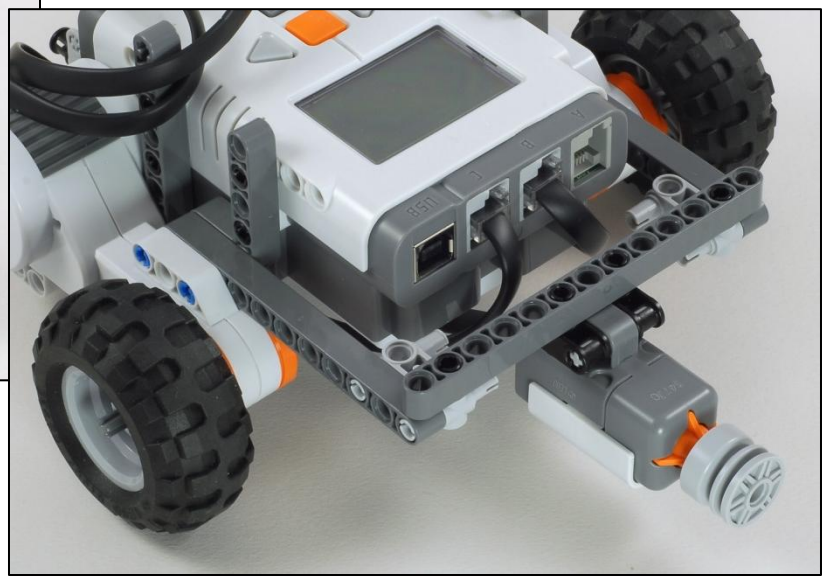
Touch Sensor



Side

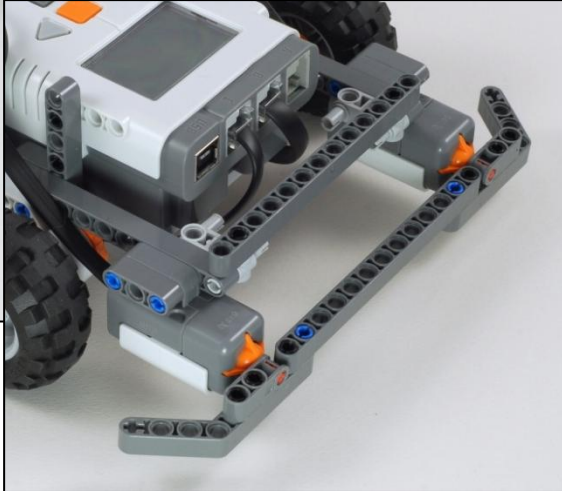
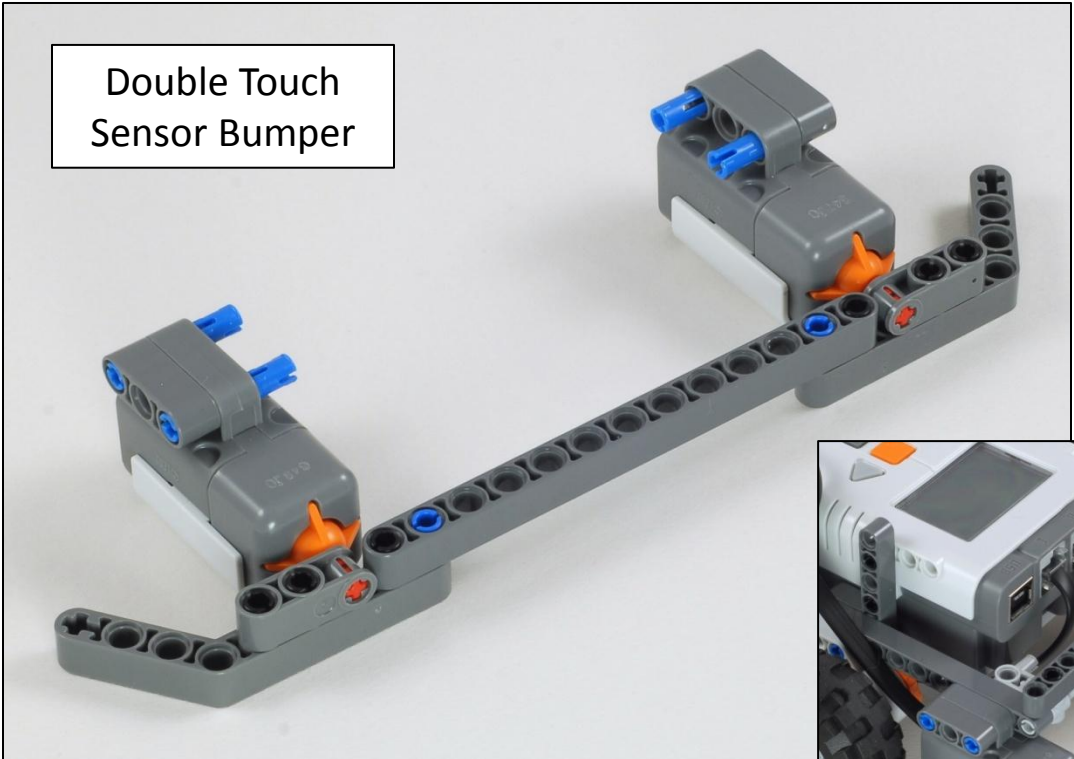


Center

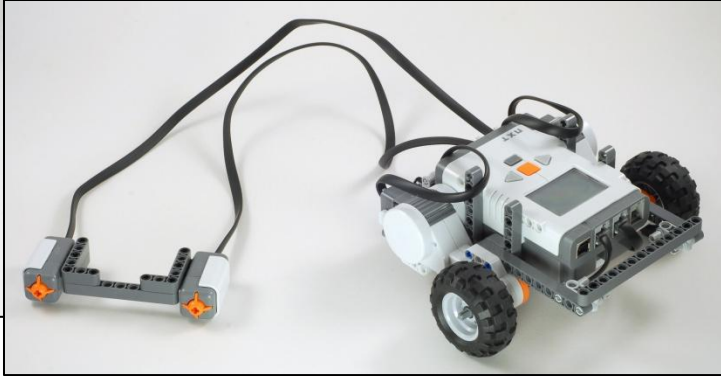
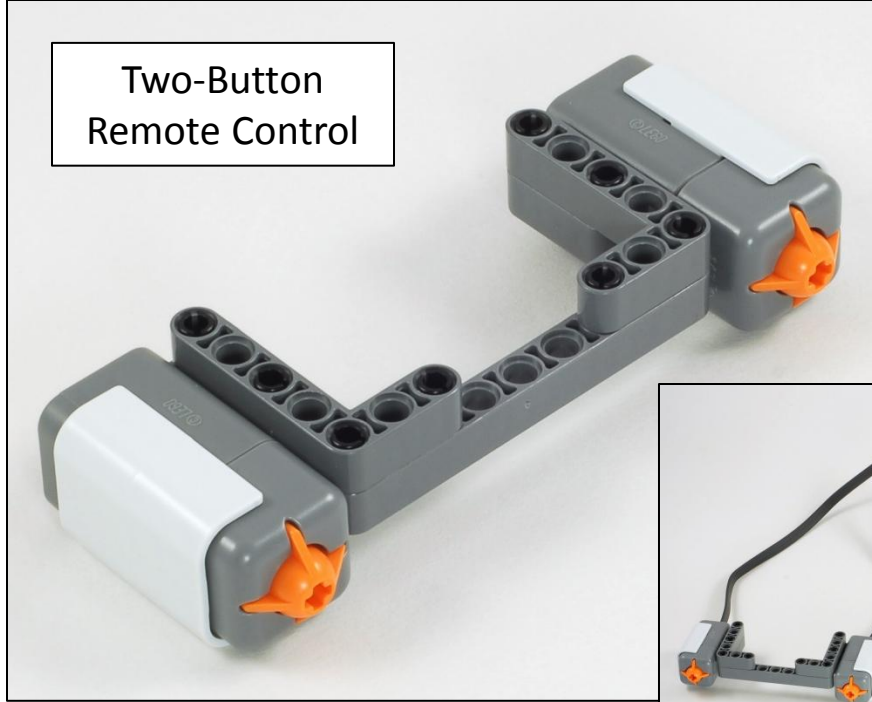


Double Touch Sensor

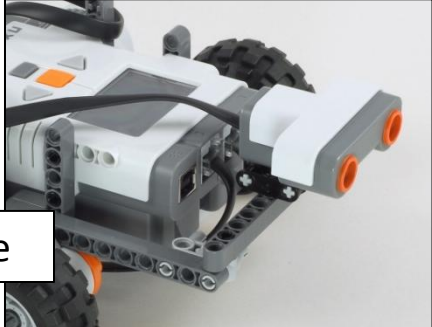
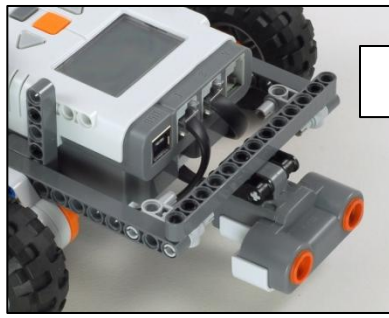
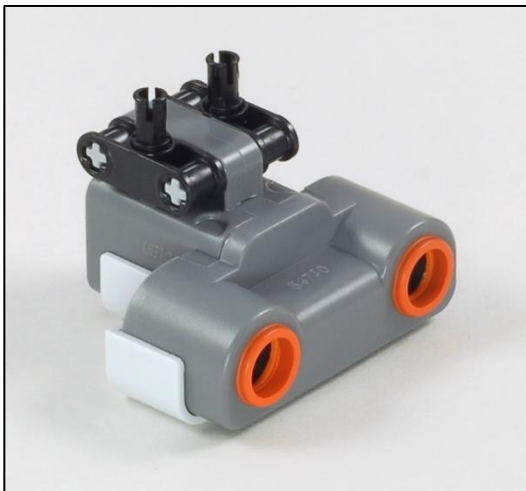
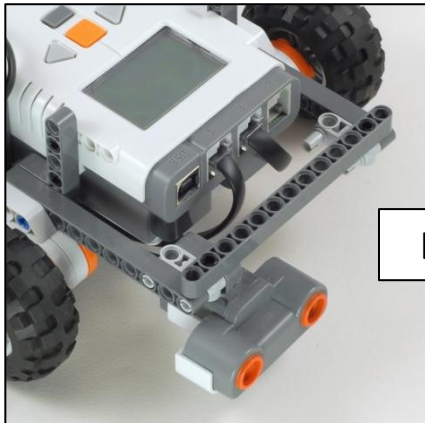
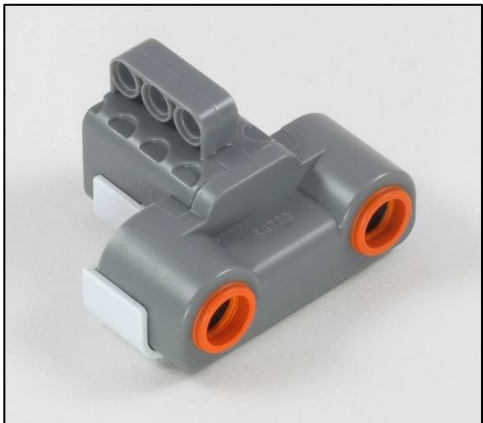
Double Touch Sensor Bumper



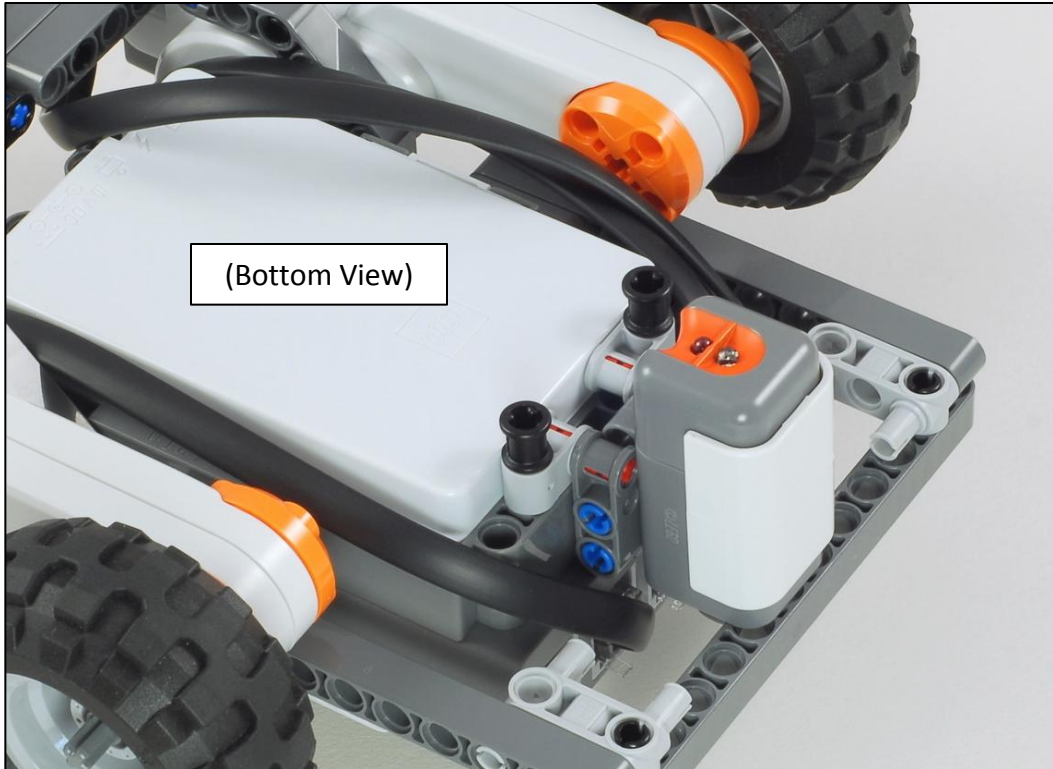
Two-Button Remote Control



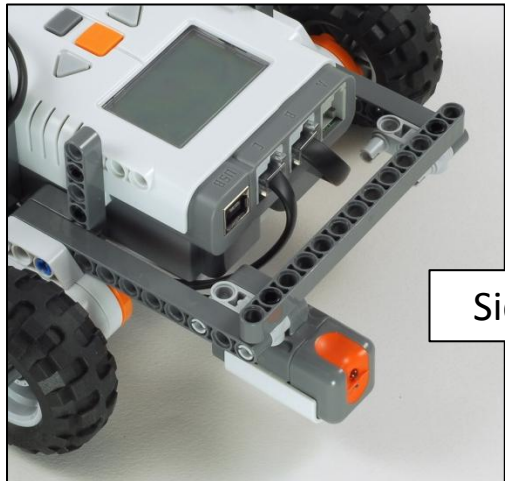
Ultrasonic Sensor



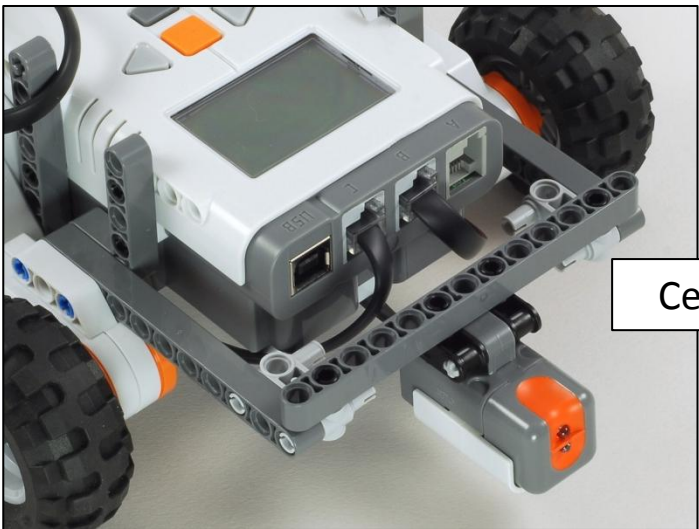
Light Sensor, Downward



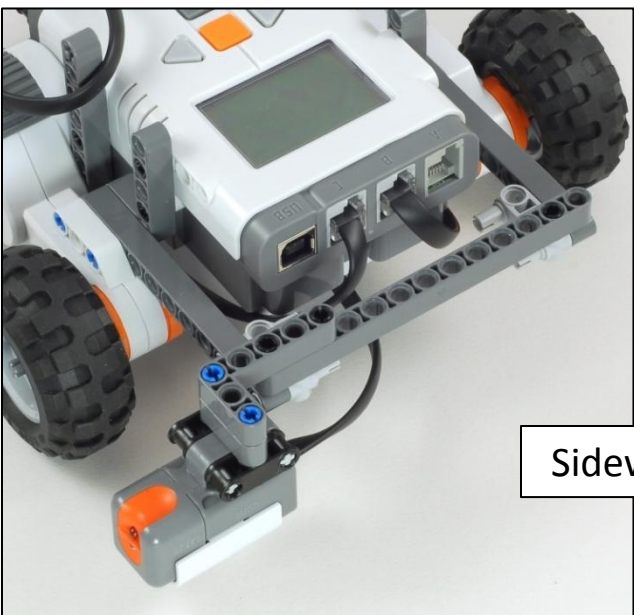
Light Sensor, Horizontal



Side

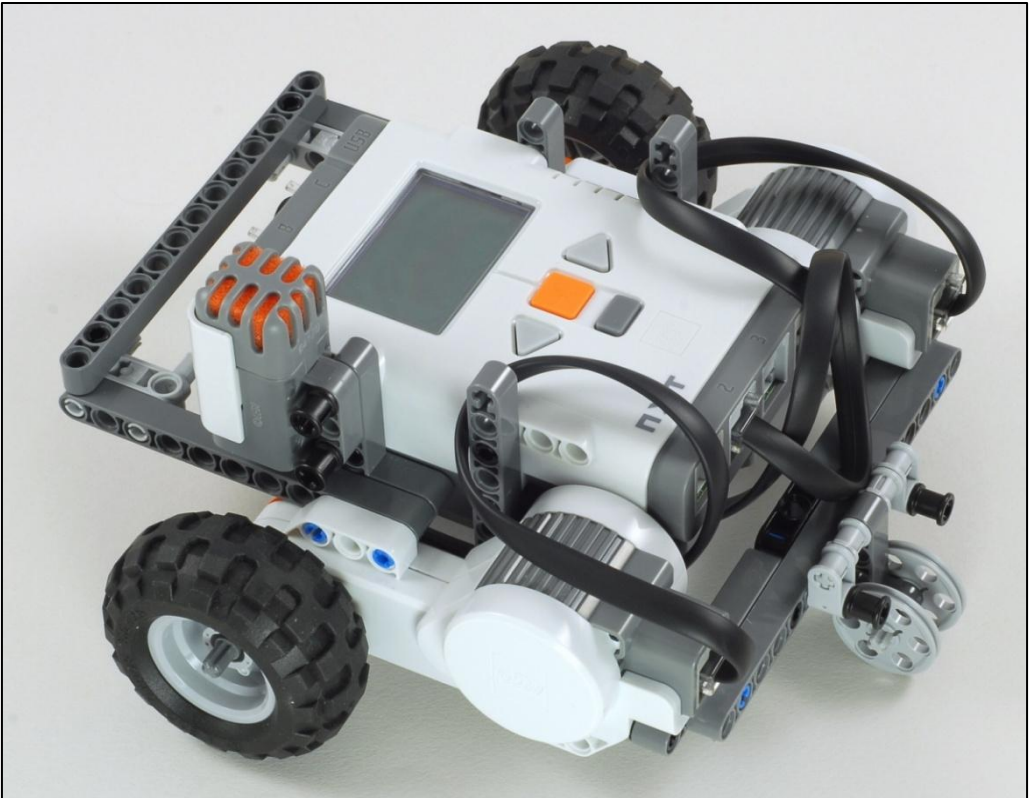
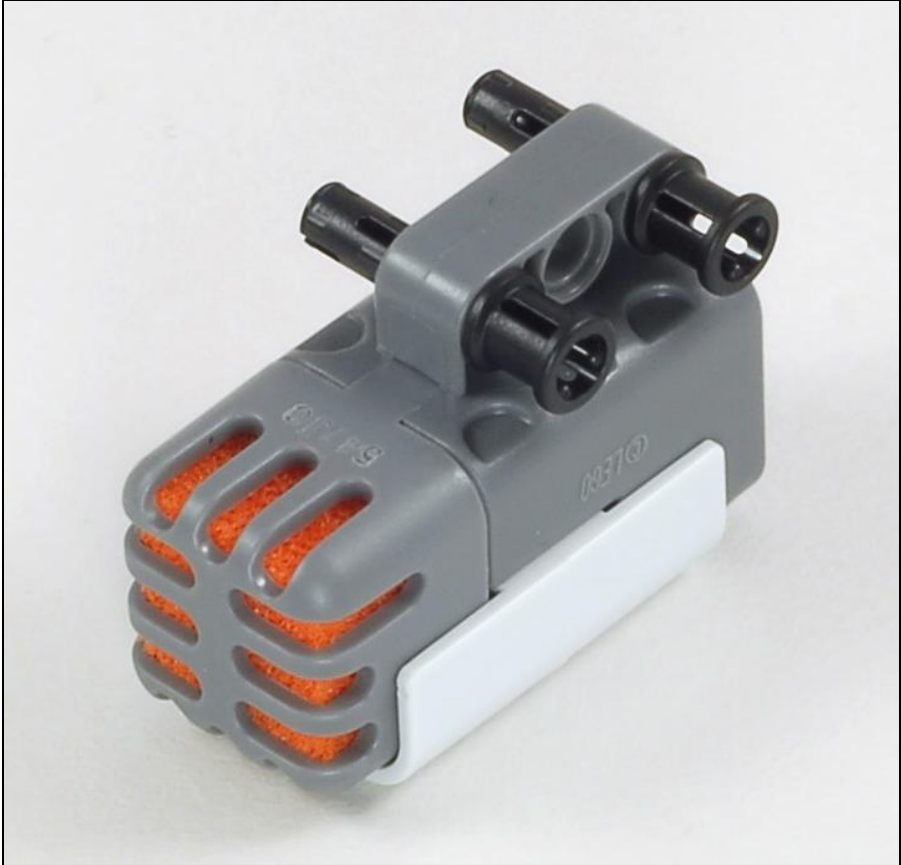


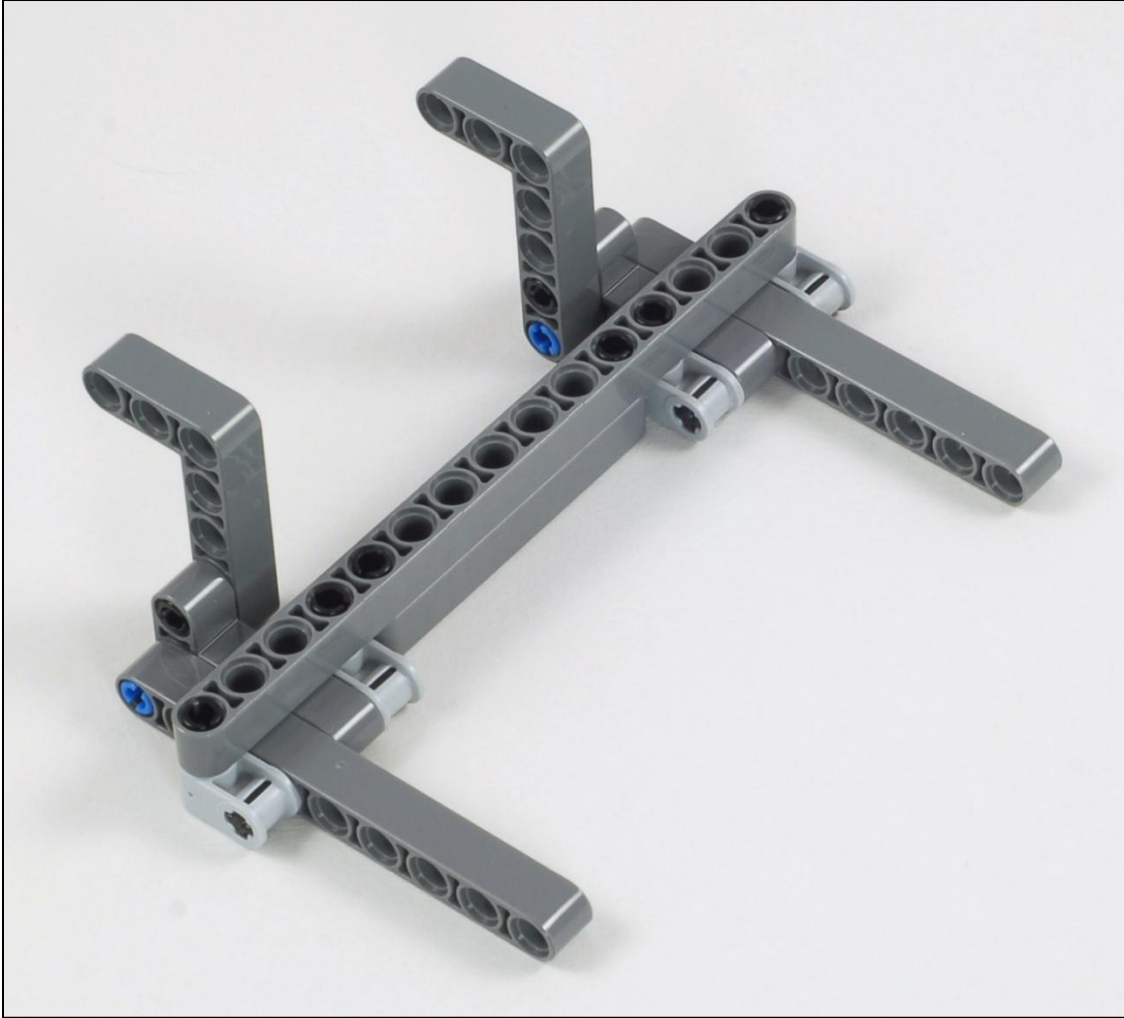
Center



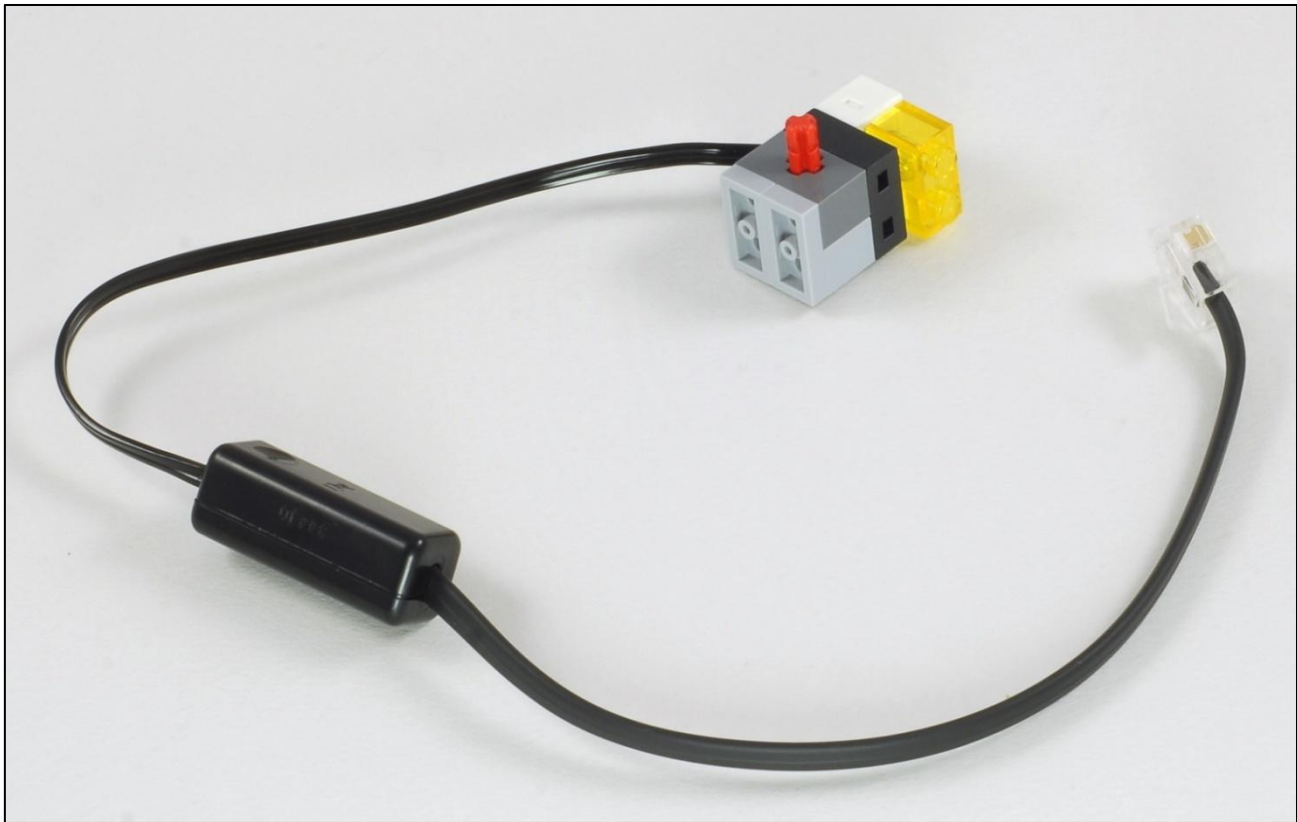
Sideways

Sound Sensor

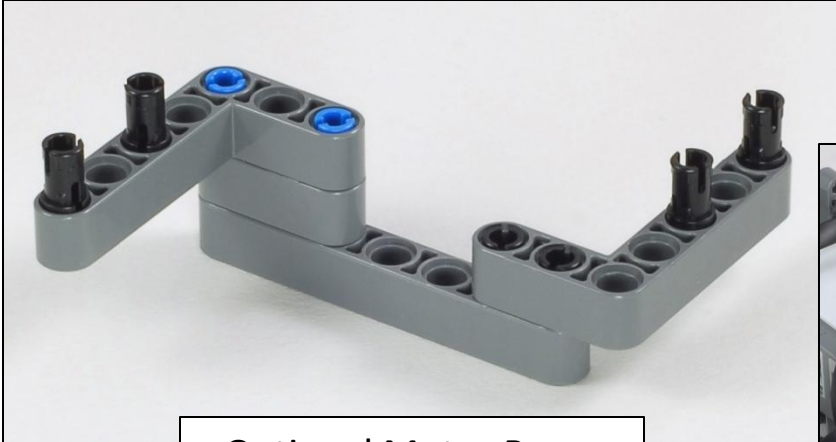
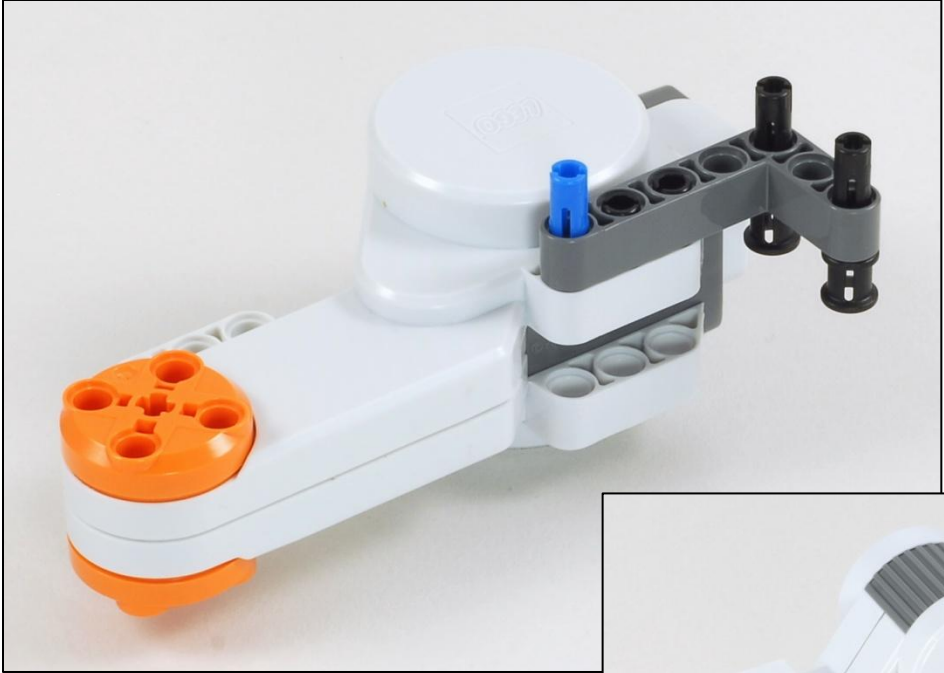




Lamp



Vertical Motor



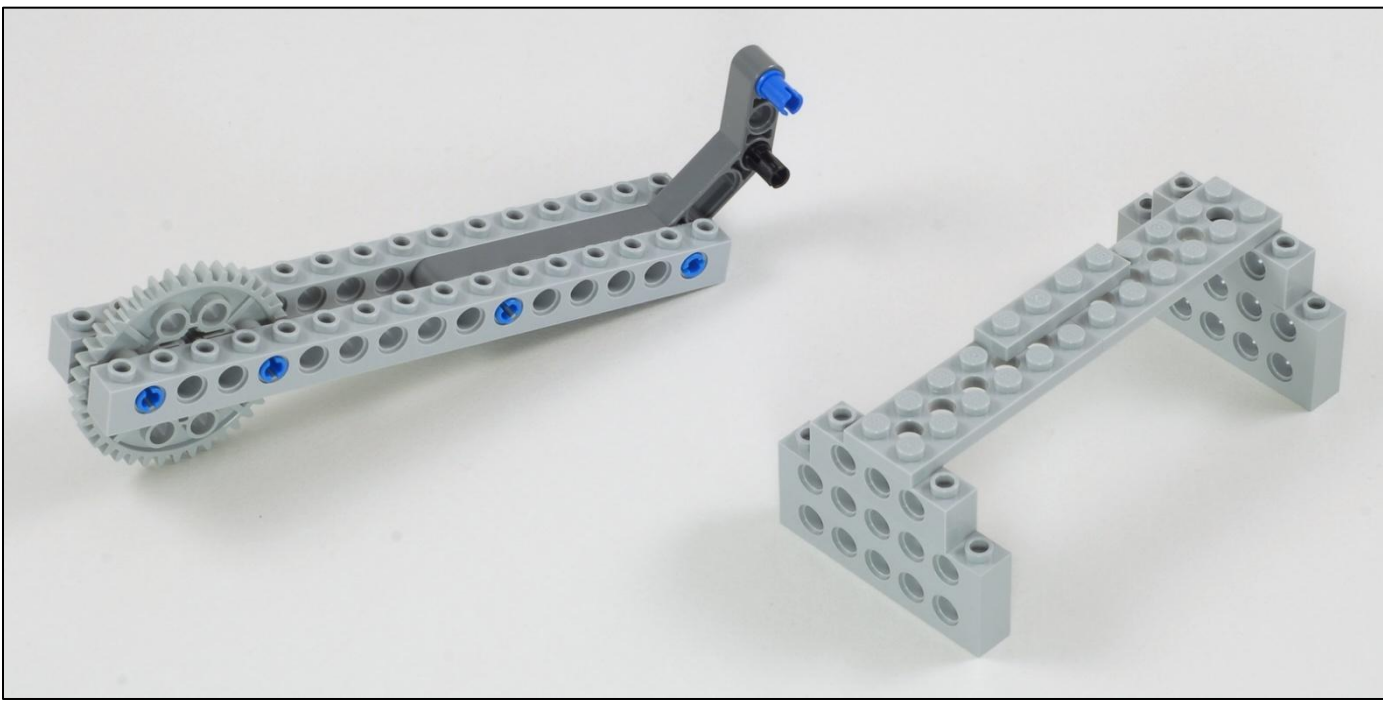
Optional Motor Brace
Reinforces motor attachment





With Vertical Motor

Karate Arm and Chopping Block

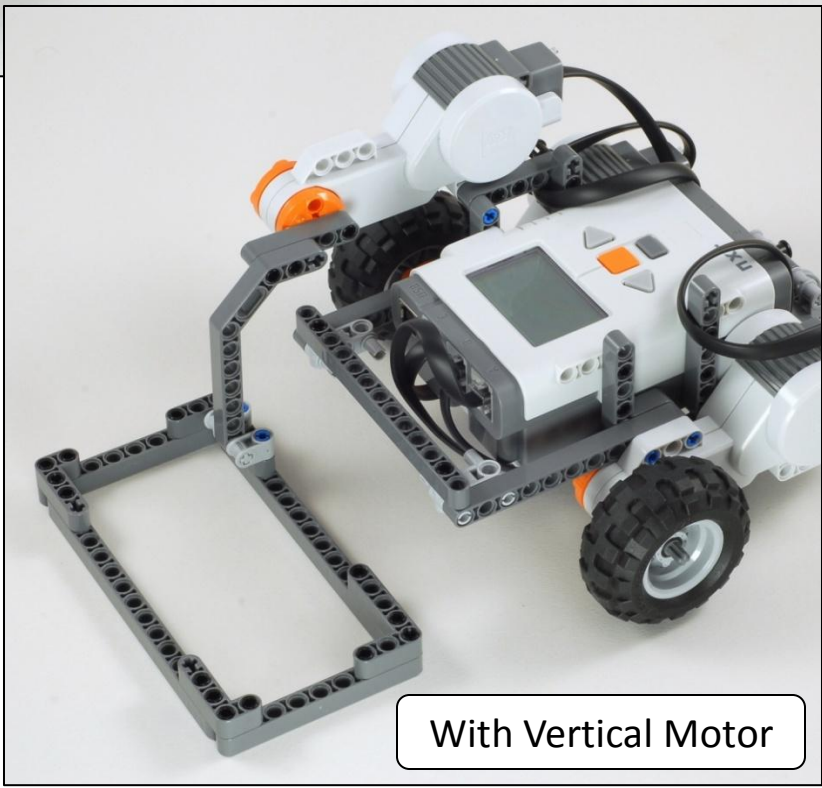
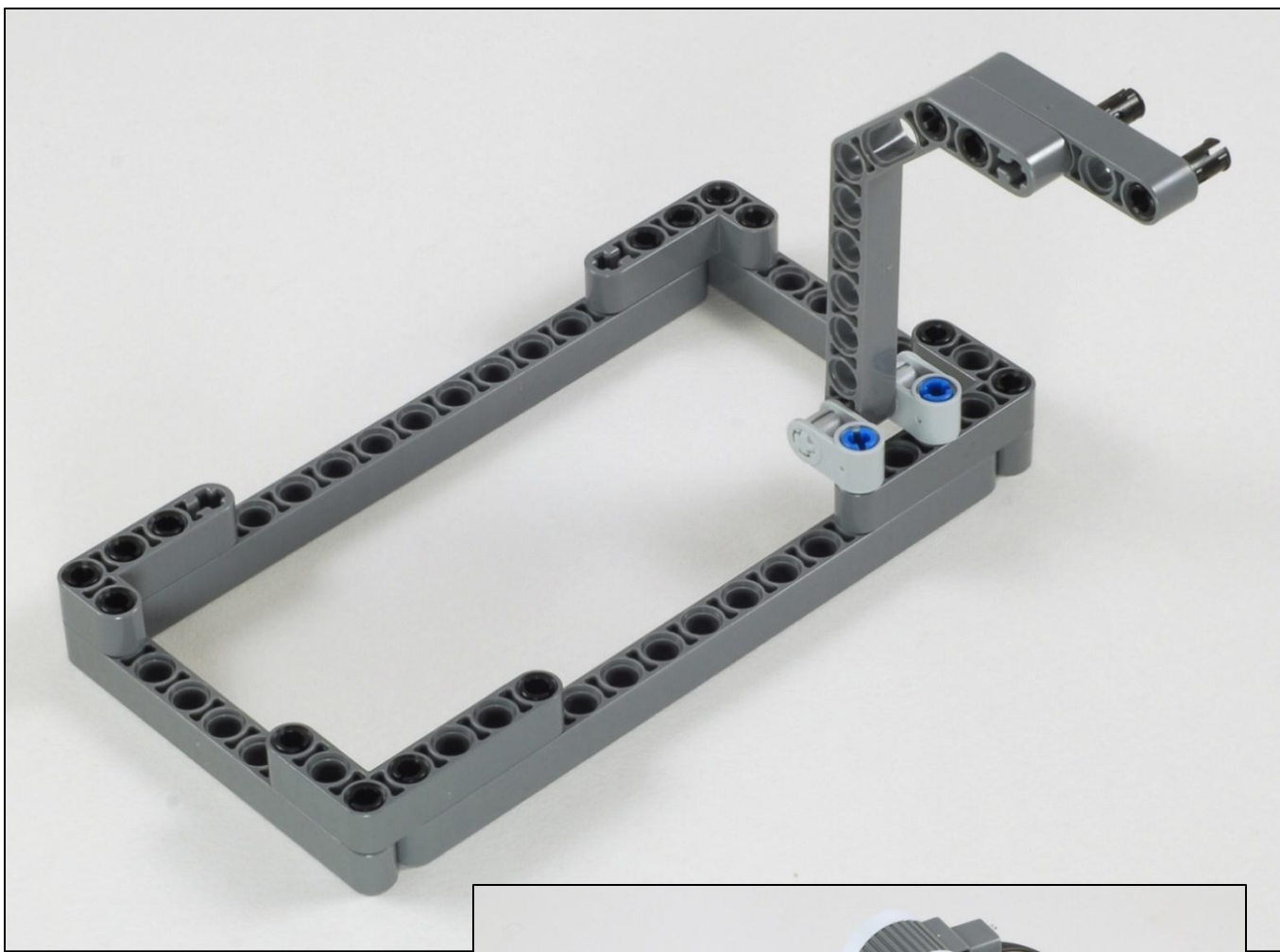


Forklift Arm



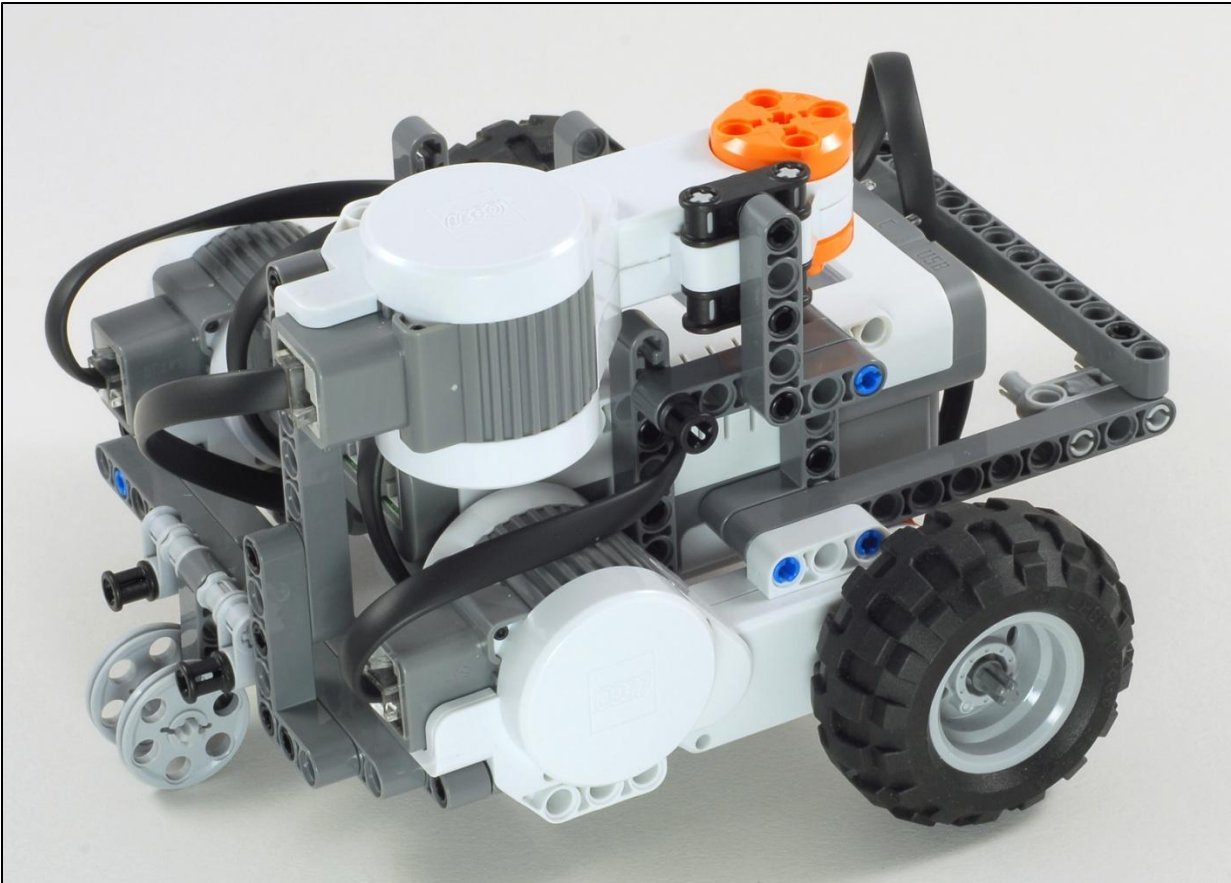
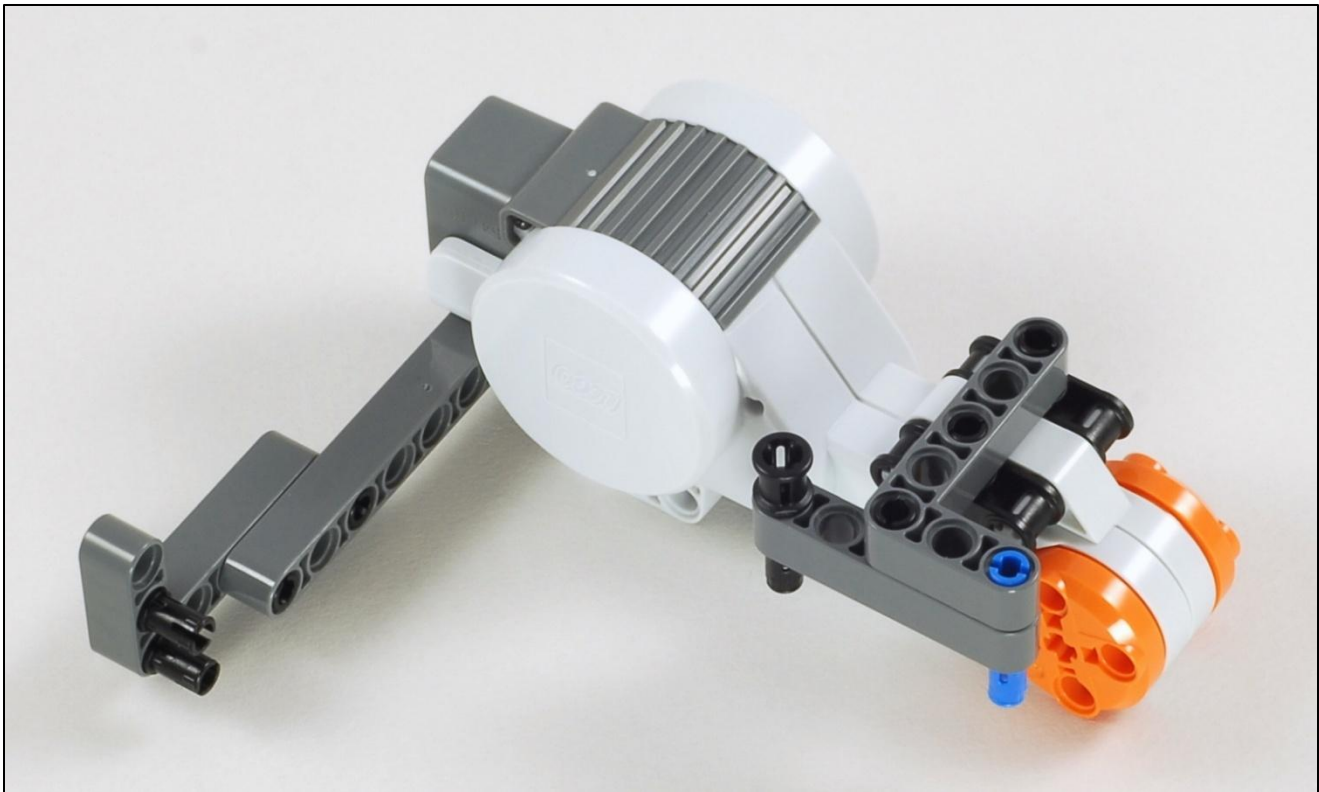
With Vertical Motor

Box Trap

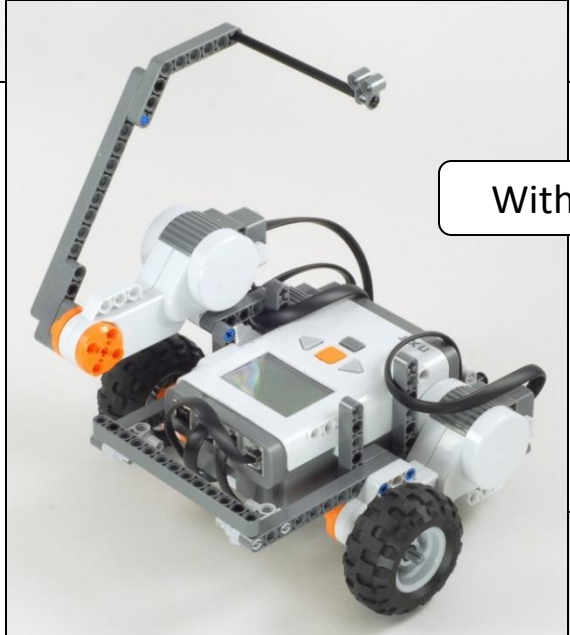
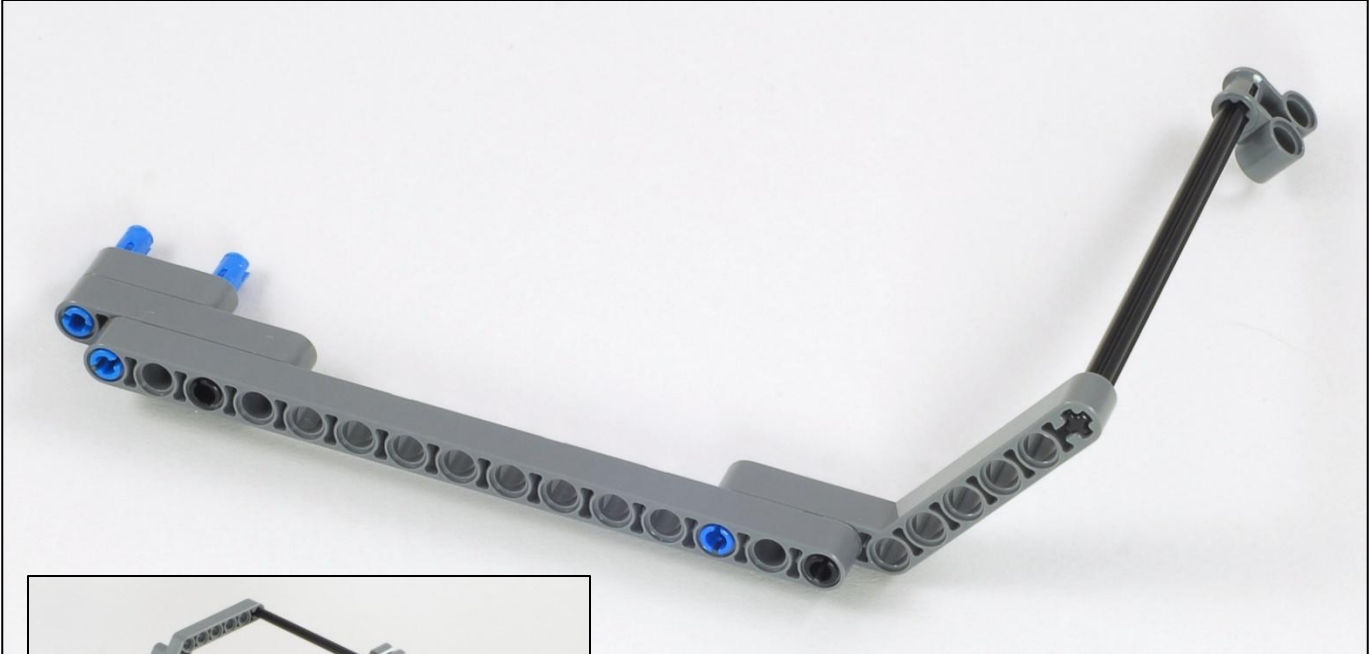


With Vertical Motor

Horizontal Motor



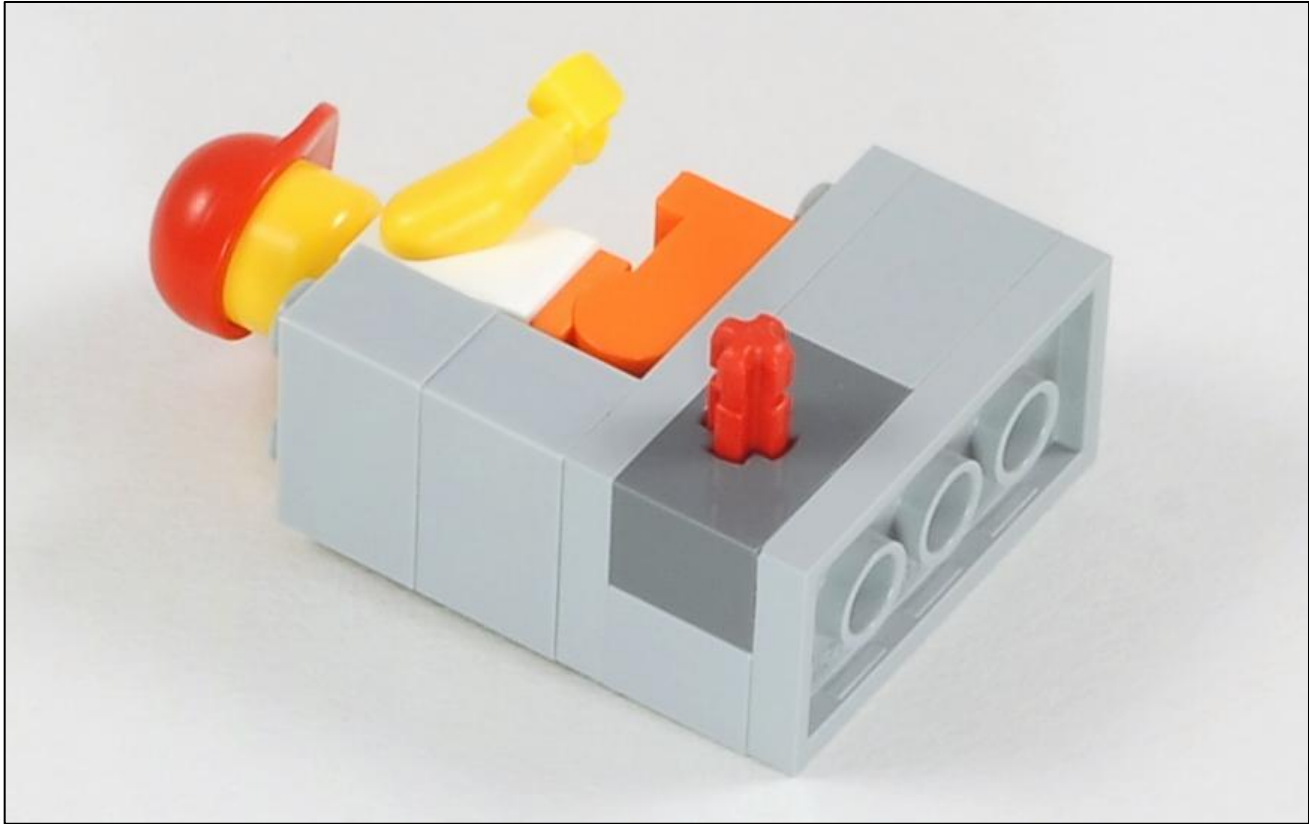
Long Arm



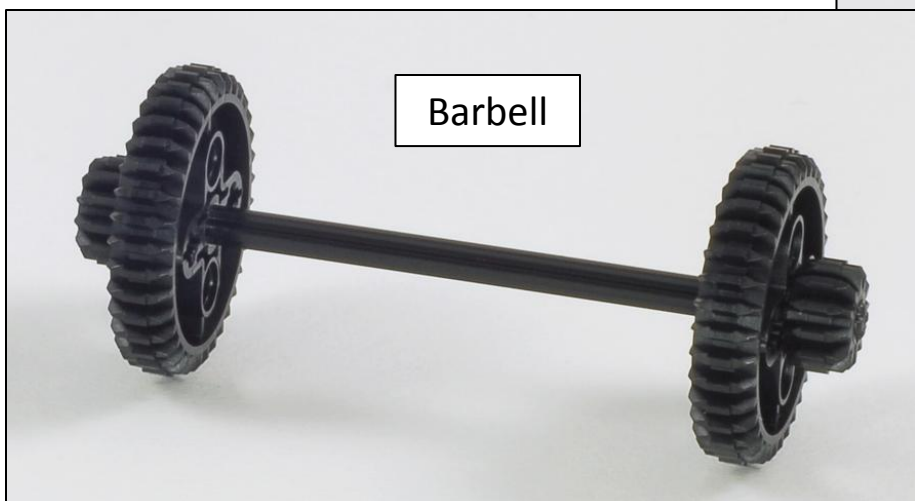
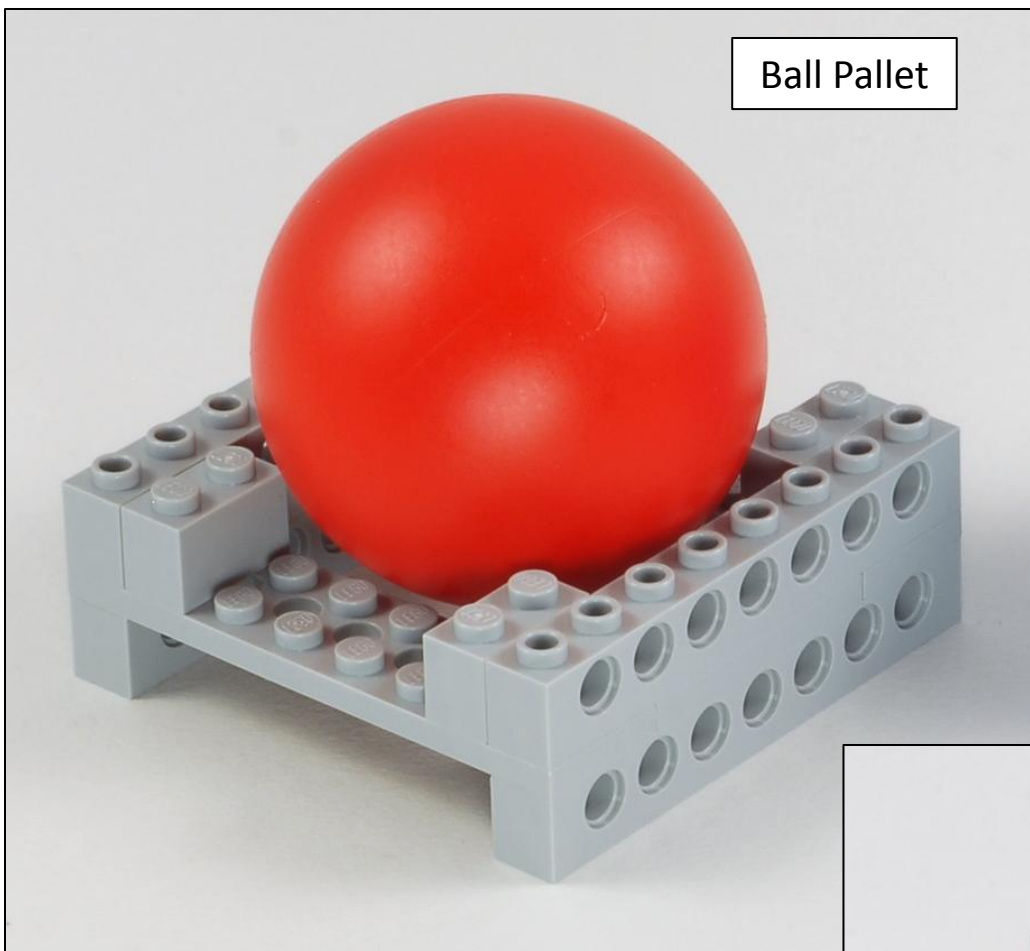
With Vertical Motor



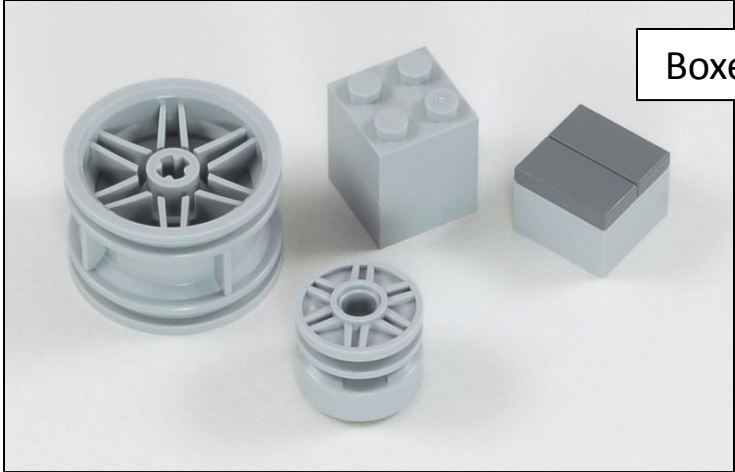
With Horizontal Motor



Forklift Objects



Game Objects



Boxes and Barrels



Ball Stand



Pivoting Flag