

### **Parts Listing**

Below are the parts that I used to create the robots. Some of these parts could be easily switched with comparable components, so this listing is mainly intended to be used as a reference for the specifications of each component.

Raspberry Pi	<a href="http://www.amazon.com/gp/product/B009SQQF9C/">http://www.amazon.com/gp/product/B009SQQF9C/</a>
PiBox Enclosure for the Raspberry Pi	<a href="https://www.adafruit.com/products/859">https://www.adafruit.com/products/859</a>
Pi Cobbler Breakout Kit for the Raspberry Pi	<a href="http://www.adafruit.com/products/914">http://www.adafruit.com/products/914</a>
8 GB SDHC card for the Raspberry Pi	<a href="http://www.amazon.com/gp/product/B000UZL0YU">http://www.amazon.com/gp/product/B000UZL0YU</a>
Pololu Robot Chassis RRC01A Transparent Red	<a href="http://www.pololu.com/catalog/product/251">http://www.pololu.com/catalog/product/251</a>
Dual Chassis Completion Kit for RRC01A	<a href="http://www.pololu.com/catalog/product/762">http://www.pololu.com/catalog/product/762</a>
DRV8833 Dual Motor Driver Carrier	<a href="http://www.pololu.com/catalog/product/2130">http://www.pololu.com/catalog/product/2130</a>
2-AA Battery Holder	<a href="http://www.pololu.com/catalog/product/1150">http://www.pololu.com/catalog/product/1150</a>
4-AA Battery Holder	<a href="http://www.pololu.com/catalog/product/1153">http://www.pololu.com/catalog/product/1153</a>
Pololu Step-Up/Step-Down Voltage Regulator S7V7F5	<a href="http://www.pololu.com/catalog/product/2119">http://www.pololu.com/catalog/product/2119</a>
400 point breadboard	<a href="http://www.pololu.com/catalog/product/351">http://www.pololu.com/catalog/product/351</a>
Premium Jumper Wire 10-Pack M-M 6" Black	<a href="http://www.pololu.com/catalog/product/1730">http://www.pololu.com/catalog/product/1730</a>
Electrical Wire	<a href="http://www.radioshack.com/product/index.jsp?productId=2049743">http://www.radioshack.com/product/index.jsp?productId=2049743</a>

140-Piece Wire Kit	<a href="http://www.pololu.com/catalog/product/312">http://www.pololu.com/catalog/product/312</a>
Pololu Carrier with Sharp GP2Y0D810Z0F Digital Distance Sensor 10cm	<a href="http://www.pololu.com/catalog/product/1134">http://www.pololu.com/catalog/product/1134</a>
USB Port	<a href="http://www.newark.com/jsp/search/productdetail.jsp?SKU=93T1297">http://www.newark.com/jsp/search/productdetail.jsp?SKU=93T1297</a>
USB Cord (this specific cord actually has a casing too large to fit in the PiBox, so I'd just look for one with the same connectors)	<a href="http://www.newark.com/jsp/search/productdetail.jsp?SKU=23T5421">http://www.newark.com/jsp/search/productdetail.jsp?SKU=23T5421</a>
Electrical tape	<a href="http://www.radioshack.com/product/index.jsp?productId=13265864">http://www.radioshack.com/product/index.jsp?productId=13265864</a>
Header Pins	<a href="http://www.pololu.com/catalog/product/966">http://www.pololu.com/catalog/product/966</a>
Soldering Iron	<a href="http://www.radioshack.com/product/index.jsp?productId=15805506">http://www.radioshack.com/product/index.jsp?productId=15805506</a>