

Rover Bill of Materials

<u>Bill of Materials</u>					
Item #	Description	QTY	Unit Cost(\$)	Cost	Source
1	RC Car Chassis	1	0	0	Repurposed
2	Front Tires	2	0	0	Repurposed
3	Rear Tires	2	0	0	Repurposed
4	380 DC Motor	1	6.99	6.99	Hobby Hut
5	Arduino Uno	1	0	0	Repurposed
6	L298P Shield R3 Motor Driver Module	1	17.96	17.96	Amazon
7	Futaba S3003 Standard Servo	1	16.95	16.95	Hobby Hut
8	9.6V 2000mAH NiMH Battery Pack	1	14.99	14.99	Amazon
9	MG90S Micro Servo	2	4.50	9.00	Amazon
10	433MHz RF Transmitter/ Receiver Module	1	0.00	0.00	Leased
11	LEGO Payload Delivery System	1	0	0	Repurposed
12	HC-SR04 Ultrasonic Sensor Distance Measuring Sensor	1	0.00	0.00	Leased
13	Adafruit Ultimate GPS Breakout - 66 channel w/ 10 Hz updates and external antenna	1	0.00	0.00	Leased
Total:				\$65.89	

Item Links

[1-3] - <https://www.worthpoint.com/worthopedia/radio-shack-wind-streaker-sky-driver-1750258442>

[4] - <https://www.hobbyhutmodels.com/>

[5] - https://www.amazon.com/Arduino-A000066-ARDUINO-UNO-R3/dp/B008GRTSV6/ref=sr_1_3?crid=2PVWQC1B7OVMX&keywords=arduino+uno&qid=1678295814&s=industrial&sprefix=arduino+uno%2Cindustrial%2C120&sr=1-3

[6] - <https://www.amazon.com/Shield-Driver-Module-H-Bridge-Arduino/dp/B00WN4UB8W>

[7] - <https://www.hobbyhutmodels.com/>

[8] - <https://www.amazon.com/2000mAh-Battery-Robots-Smart-Charger/dp/B00KG4PWWQ>

[9] - https://www.amazon.com/Replace-Helicopter-Airplane-Controls-Vehicle/dp/B09KXM5L7Z/ref=sr_1_8?keywords=mg90s&qid=1678295308&sr=8-8

[10]-https://www.jameco.com/z/433MHZ-TXRX-Major-Brands-433MHZ-RF-Transmitter-Receiver-Pair_2297703.html

[12] - <https://www.sparkfun.com/products/15569>

[13] - <https://www.adafruit.com/products/746>