

Item	Description	Manufacturer	Part Number	Date	QTY	Cost Each	Total	Link
<b>Component 1 - Gearbox Prints</b>								
Ultimaker PLA (118 g)	3D printed support for the driveshaft	Ultimaker	RAL-9005	11/17/2023	1	\$9.44	\$9.44	N/A
Ultimaker PLA (126 g)	3D printed gearbox extension pieces	Ultimaker	RAL-9005	2/27/2024	1	\$6.30	\$6.30	N/A
Ultimaker PLA	3D Printed Gears	Ultimaker	RAL-9005	3/7/2024	1	\$2.56	\$2.56	N/A
Ultimaker PLA	3D Printed Gearbox and motor stand	Ultimaker	RAL-9005	3/14/2024	1	\$19.60	\$19.60	N/A
<b>Component 2 - Linear Rails</b>								
Linear Rails	400 mm linear rails	igus	CWS-06-30-400	11/13/2023	2	\$167.69	\$335.38	<a href="#">Link</a>
<b>Component 3 - Linear Slides</b>								
Linear Slides	Slides to support platform on linear slides	igus	WWPL-06-30-06	11/13/2023	2	\$18.25	\$36.50	<a href="#">Link</a>

<b>Component 4 - Driveshaft</b>								
Driveshaft	Connection piece between motor and gearbox	Grainger	H0400075PW1000	11/16/2023	1	\$8.00	\$8.00	<a href="#">Link</a>
<b>Component 5 - Platform</b>								
Platform	1/4 black acrylic sheet provided by Makerspace	MSC	MSC# 63391700 (no part number given similar example)	11/17/2023	1	\$20.00	\$20.00	N/A
<b>Component 6 - Glass Ball Bearings</b>								
Glass Ball Bearings	Glass ball bearings to allow for frictionless rotation	Grainger	MSN0459939	12/1/2023	5	\$17.07	\$85.35	N/A
<b>Component 7 - Fastner</b>								
M5 Plastic Screws	Used to assemble final prototype	Grainger	50M050080H016	2/15/24	1	\$1.65 per package of 25	\$1.65	<a href="#">Link</a>
M4 Plastic Screws	Used to assemble final prototype	Grainger	50M040070N035	2/15/24	2	\$5.92 per package of 25	\$11.84	<a href="#">Link</a>

Plastic Screws and Nuts	Plastic hardware from the makerspace	Makerspace	N/A	3/6/2024	1	\$1.30	\$1.30	N/A
<b>Component 8 Power Components</b>								
Power Inverter	Power supply inverter to improve circuit	DigiKey	PDM1-S5-D3-S	3/22/2024	2	\$5.12	\$10.24	<a href="#">Link</a>
<b>Component 9 - unused features due to reprints/redesigns</b>								
Ultimaker PLA	3D printed Gearbox	Ultimaker	RAL-9005	10/26/2023	1	\$19.36	\$19.36	N/A
Ultimaker PLA	Motor to driveshaft adapter piece	Ultimaker	RAL-9005	12/1/2023	1	\$1.12	\$1.12	N/A
Ultimaker PLA	Motor to driveshaft adapter piece reprint	Ultimaker	RAL-9005	12/4/2023	1	\$2.84	\$2.84	N/A
Ultimaker PLA	Motor to driveshaft adapter piece reprint	Ultimaker	RAL-9005	12/5/2024	1	\$2.65	\$2.65	N/A
Ultimaker PLA (37.0 g)	3D printed gears to translate and facilitate motion	Ultimaker	RAL-9010	10/26/2023	1	\$2.96	\$2.96	N/A

[illegible]