

Table 1: Bill of Materials for Lift Design

Item No.	Description	Quantity	Vendor	Notes
1	Front Fork	1	3D Print	
2	Motor Holder	2	3D Print	
3	Spur Gear	1	3D Print	Module = 2
4	Rack	2	3D Print	Module = 2
5	XL-320 Servo Motor	2	ROB550 Lab	
6	2.5mm Screw	8	ROB550 Lab	Stainless steel
7	2.5mm Screw Nut	8	ROB550 Lab	Stainless steel
8	UART to XL320 board	1	ROB550 Lab	
9	Rectangular Connectors	4	ROB550 Lab	
10	Jumper Wires	6	ROB550 Lab	