

29MAR2024

Swinging Spider Wheel Actuator BOM – 23FEB2023

Part	Type	Custom Part Filename
Desired Immediately for Electronics Prototyping		
Motor	Off-The-Shelf part	
Relay Module	Off-The-Shelf part	
Proto Shield	Off-The-Shelf part	
CAN Transceiver	Off-The-Shelf part	
Arduino UNO R4 Maxima	Off-The-Shelf part	
Breadboard wires	Off-The-Shelf part	
Desired Eventually		
Axle	Custom Fabricated Part	THF-2072A-ACTUATED
Mount Plate	Custom Fabricated Part	Spider Actuator Motor Mount P
Tensioner	Custom Fabricated Part	Spider Actuator Motor Tension
Cover	Custom Fabricated Part	Spider Actuator Motor Cover
Sprocket	Purchased Part with Added Hole	MMC-6280K371-MODIFIED
Sprocket	Purchased Part	

29MAR2024

McMaster P/N	QTY	Link
		1 https://www.amazon.com/gp/product/B09TKQHCWF/ref=ox_sc_act_title
		1 https://www.amazon.com/gp/product/B00KTEN3TM/ref=ox_sc_act_title
		1 https://www.amazon.com/gp/product/B00HHYBWPO/ref=ox_sc_act_title
		1 https://www.amazon.com/gp/product/B07ZT7LLSK/ref=ox_sc_act_title
		2 https://www.amazon.com/gp/product/B0C78K4CD4/ref=ox_sc_act_title
		1 https://www.amazon.com/EDGELEC-Breadboard-Optional-Assorted-Mu
		1
'late		1
er		1
		1
6280K371		1 https://mcmaster.com/6280K371
6236K231		1 https://mcmaster.com/6236K231

29MAR2024

1?smid=A2J7E3R5FHC473&psc=1
2?smid=A28RI4FXFS5SV8&psc=1
3?smid=A30QSGOJR8LMXA&psc=1
4?smid=A30QSGOJR8LMXA&psc=1
6?smid=AA57DDZKZUZDL&psc=1
lticolored/dp/B07GD25V8D