

Quantity	Description	part number	Where to order	Alternate order location	Notes
2	Encoder/motor/gearbox combo	TT Motor with Encoder (6V 160RPM 120:1)	https://www.dfrobot.com/product-1457.html?search=TT%20Motor%20with%20Encoder%20%286V%20160RPM%20120%3A1%29		
2	Wheels		https://www.dfrobot.com/product-352.html		
1	1/4" black acrylic		https://www.amazon.com/gp/product/B01DYSTH3K		
8	1 5/8" standoffs		https://www.mcmaster.com/911115A564		
4	1" standoffs		https://www.mcmaster.com/911115A133		
28	6-32 machine screws		https://www.mcmaster.com/92949A149		
4	M3 machine screws		https://www.mcmaster.com/92000A120		
4	6-32 lock nuts		https://www.mcmaster.com/91831A007		
1	Caster		https://www.amazon.com/gp/product/B010SLSK48		
2	motor mounts		https://www.pololu.com/product/266	https://www.robotshop.com/en/solomon-robot-mounts	I scavenged my motor mounts from another project. Here are two mounts that I think would work but which aren't like the ones that I am using. You will need to adjust your CAD files to have the mounting holes be in the right places.
4	motor mount screws		Choose these to work with your motor mount		
4	motor mount long machine screws		Choose these to work with your motor mount		
4	motor mount lock nuts		Choose these to work with your motor mount		