

☒	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
Loose						
☐	Joystick Extreme 3D Pro	Best Buy	963290-0403	1	No Specific Source	
☐	Air Volume Tank 32 cu. in., Black Plastic	Clippard Instrument Laboratory	AVT-PP-35	1	www.clippard.com	
☐	Gamepad F310 Logitech	Connection	940-000110	1	No Specific Source	
☐	Netbook Acer	Connection	TMB311-32-C3X6	1	No Specific Source	
☐	Pneumatic Hub	REV Robotics	REV-11-1852	1	www.revrobotics.com	
☐	Power Distribution Hub	REV Robotics	REV-11-1850	1	www.revrobotics.com	
☐	Radio Power Module	REV Robotics	REV-11-1856	1	www.revrobotics.com	

☒	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
☐	PSoC 5LP Prototyping Kit	Cypress	CY8CKIT-059	1	http://www.cypress.com/forum/first-robotics-competition or www.digikey.com	
☐	Power (Battery) Charger	HK TENGSHUN POWER SUPPLY CO LIMITED	FY1205000	1	No Specific Source	
☐	CIM Motor	AndyMark	am-0255	2	www.andymark.com	
☐	Battery Sealed Lead Acid, 12V, 18Ah, Bolt Fastened, Rechargeable	MK Battery	ES17-12	1	www.mkbattery.com	
☐	NI roboRIO for FRC	NI	787789-01	1	www.andymark.com	
☐	Battery Connector SB50-FR (housing) and 5900-BK (contacts)	Anderson Power Products	SB50 or am-0009	3	http://www.andersonpower.com (housing & contacts) http://www.andymark.com (connector assembly)	
☐	Red Bumper Material	RoboPromo	RP-2016-R	1	www.robopromo.com	

☒	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
☐	Blue Bumper Material	RoboPromo	RP-2016-B	1	www.robopromo.com	
☐	Compressor Model 90C	Viair	90C	1	No Specific Source	
☐	Robot Radio Dual Band 1.17 Gbps Access Point	Open Mesh Networks	OM5P-AC	1	www.andymark.com	
☐	Throttle Motor	DENSO/ ASMO	AE235100-0160	1	Not Available	
☐	NEO Brushless Motor	REV Robotics	REV-21-1650	1	www.revrobotics.com	
☐	Neo 550 Motor	REV Robotics	REV-21-1651	1	www.revrobotics.com	
☐	SPARK MAX Motor Controller	REV Robotics	REV-11-2158	4	www.revrobotics.com	

☒	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
☐	RedLine Motor, 775A	AndyMark	am-3775a	1	www.andymark.com	
☐	Crimping Tool	3M	Th-440	1	No Specific Source	
Thrifty Bot Tube						
☐	Bearing Megaplate	Thrifty Bot	TTB-0042	1	https://www.thethriftybot.com/	
☐	Motor Megaplate	Thrifty Bot	TTB-0035	1	https://www.thethriftybot.com/	
☐	Hex Hub 1/2in	Thrifty Bot	TTB-0005	1	https://www.thethriftybot.com/	
☐	Squish Wheel	Thrifty Bot	TTB-0032	10	https://www.thethriftybot.com/	
☐	Control System Layout Poster (REV)	Thrifty Bot	2023- CSPOSTER_REV	1	https://www.thethriftybot.com/	

☒	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
Clear Bag						
☐	Plug Socket with Cable ½ m length (in FESTO packet)	Festo	NEBV-H1G2-KN- 0.5-N-LE2 or 566654	2	www.festo.us/first	
☐	Fitting M7 thread, ¼ in. tubing (in FESTO packet)	Festo	QSM-M7-1/4-I-U- M or 183740	3	www.festo.us/first	
☐	Solenoid Valve Double, 24VDC (in FESTO packet)	Festo	VUVG-LK10-B52- T-M7-1H2L-S or 8042548	1	www.festo.us/first	
☐	E-Stop Sticker	D3	estopsticker	1	Not available	
☐	PTFE Thread Seal Tape (aka Teflon Tape), ¼ in. x 520 in.	HPE Automation	PTFE-1-4	1	www.hpeco.com	
☐	Relief Valve, 1/4in	IMI Norgren	16-004-011	1	https://www.imi-precision.com/us	
☐	Regulator Mounting Kit	IMI Norgren	18-025-003	1	https://www.imi-precision.com/us	

☒	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
☐	Pressure Regulator	IMI Norgren	R07-100-RNEA	1	https://www.imi-precision.com/us	
☐	Pressure Switch	Nason	SM-2B-115R/443	1	www.nasonptc.com	
☐	USB 2.0 A to B Cable Shielded - 1.5 meters	CUI inc.	CBL-UA-UB-1	1	www.cuidevices.com	
☐	UNIWRAP Cable Ties 4 in., 18 lb, white, bag of 100	BURNDY LLC	CT18075C	1	No Specific Source	
☐	UNIWRAP Cable Ties 7.5 in., 50 lb, white, bag of 100	BURNDY LLC	CT50175C	1	No Specific Source	
☐	CULUG Copper Compression Terminal 6 AWG, bag of 8	BURNDY LLC	YAZV6CTC14FX	1	www.andymark.com	
☐	Pressure Gauge 1/8 in NPT, 160psi	Colonial Instruments or IMI Norgren	15-102D-1B-160 or 18-013-212 or 102D-158F	2	No Specific Source	

☒	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
☐	Multi Tool	FedEx	MULTITOOL-2022	1	No Specific Source	
☐	40A Breaker	REV Robotics	REV-11-1863	4	www.revrobotics.com	
☐	Switch, Lever	Honeywell	V7-2B17D8-048	1	No Specific Source	
☐	Tank Mounting Clip	Clippard Instrument Laboratory	AVT-PP-CL	1	www.clippard.com	
☐	Heat Shrink Thin-Wall Tubing, 1/8 in., 4 ft. length, FP301	3M	80611600893	1	No Specific Source	
☐	Heat Shrink Thin-Wall Tubing, 1/4 in., 4 ft. length, FP301	3M	80611600968	1	No Specific Source	
☐	Heat Shrink Thin-Wall Tubing, 1/2 in., 4 ft. length, FP301	3M	80611601206	1	No Specific Source	

☒	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
Parker Bag						
☐	Micro Valve Female Pipe (in Parker "FIRST" kit")	Parker Hannifin Fluid System Connectors Division	MV609-2	1	www.parker.com	
☐	Union Tee (in Parker "FIRST" kit")	Parker Hannifin Fluid System Connectors Division	2203P-2	3	www.parker.com	
☐	Plug 1/8 in. (in Parker "FIRST" kit")	Parker Hannifin Fluid System Connectors Division	218P-2	2	www.parker.com	
☐	Plug 1/4 in. (in Parker "FIRST" kit")	Parker Hannifin Fluid System Connectors Division	218P-4	2	www.parker.com	
☐	Hex Nipple 1/8 in. (in Parker "FIRST" kit")	Parker Hannifin Fluid System Connectors Division	216P-2	3	www.parker.com	
☐	Adapter 1/4 in. to 1/8 in, F/M (in Parker "FIRST" kit")	Parker Hannifin Fluid System Connectors Division	229-4-2	1	www.parker.com	
☐	Brass Bushing 1/8 in. to 1/4 in, F/M (in Parker "FIRST" kit")	Parker Hannifin Fluid System Connectors Division	209P-4-2	2	www.parker.com	

☒	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
☐	Prestolok Male Connector (in Parker "FIRST" kit")	Parker Hannifin Fluid System Connectors Division	W68PLP-4-2	6	www.parker.com	
☐	Prestolok Union Tee (in Parker "FIRST" kit")	Parker Hannifin Fluid System Connectors Division	364PLP-4	4	www.parker.com	
☐	Prestolok Elbow Connector (in Parker "FIRST" kit")	Parker Hannifin Fluid System Connectors Division	W369PLP-4-2	4	www.parker.com	
REV Robotics Bag						
☐	2-Wire Jumper Cable 36 in., F/F	REV Robotics	REV-11-1134	1	www.revrobotics.com	
☐	CAN Wire 22 AWG, Green/Yellow Twist, 36 in.	REV Robotics	REV-11-1149	1	www.revrobotics.com	
☐	PWM Cable 22 AWG, 36 in., F/M	REV Robotics	REV-11-1130	5	www.revrobotics.com	