








<input checked="" type="checkbox"/>	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
Loose						
	USB 2.0 to 10/100 Mbps Ethernet Network Adapter Dongle	Connection	USB2100	1	No specific source	
	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 (513) 521-4261	
	Pneumatic Control Module	CTR Electronics	14-806777 or CTRE_PCM_1	1	www.ctr-electronics.com	
	Power Distribution Panel	CTR Electronics	14-806880 or CTRE_PDP_1	1	www.ctr-electronics.com	
	Voltage Regulator Module	CTR Electronics	14-868277 or CTRE_VRM_1	1	www.ctr-electronics.com	







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	PSoC 5LP Prototyping Kit	Cypress	CY8CKIT-059	1	http://www.cypress.com/forum/fIRST-robotics-competition www.digikey.com	
	Netbook Lenovo	Connection	81CY	1	No specific source	
	Power (Battery) Charger	HK TENGSHUN POWER SUPPLY CO LIMITED	FY1205000	1	No specific source	
	NI roboRIO for FRC	National Instruments	783582-01	1	www.andymark.com	
	Battery Connector SB50-FR (housing) and 5900-BK (contacts)	Anderson Power Products	2019 CONNECTORS	1	http://www.andersonpower.com (housing & contacts) http://www.andymark.com (connector assembly)	
	Gamepad (ROOKIES ONLY) F310 Logitech	Connection	940-000110 or 2018 GAMEPAD	1	No specific source	







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	Camera Microsoft LifeCam	Connection	HD-3000	1	No specific source	
	Compressor Model 90C	Viair	00090	1	No specific source	
REV Robotics Kit						
	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 Y Cable 22 AWG, 12 in., F/MM	REV Robotics	REV-11-1131	2	www.REVrobotics.com	
	PWM Cable 22 AWG, 36 in., F/M	REV Robotics	REV-11-1130	4	www.REVrobotics.com	

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Digilent Kit						
	Digilent Ruler PCB	Digilent	200-332	1	www.digilent.com	
	Tail Skid	Digilent	290-015	1	www.digilent.com	
	Screwdriver Green, 2.4mm flat tip blade	Digilent	460-008	1	www.digilent.com	
	Sticky Servo Wheel Tire 2.75in x 0.38in	Digilent	290-022	2	www.digilent.com	
	Wheel Kit	Digilent	240-015	1	www.digilent.com	
	2 Cell, AA Battery, Series connection, wire leads	Digilent	163-043	1	www.digilent.com	

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	USB 2.0 A to B Cable Shielded - 1.5 meters	Digilent	250-059	1	www.digilent.com	
	MTE Cable 4 x (2x2)	Digilent	250-061	4	www.digilent.com	
	9V Battery Connector	Digilent	310-031	4	www.digilent.com	
Bag #9						
	E-Stop Sticker	N/A	estopsticker	1	Not available	
	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	

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	Solenoid Valve Double, 24VDC (in FESTO packet)	Festo	VUVG-LK10-B52-T-M7-1H2L-S or 8042548	1	www.festo.us/first	
	PTFE Thread Seal Tape (aka Teflon Tape), 1/4 in. x 520 in.	HPE Automation	PTFE-1/4	1	No specific source	
	Pressure Gauge 1/8 in NPT, 160psi	Colonial Instruments	102D-158F	2	No specific source	
	Relief Valve	IMI Precision Engineering/Norgren	16-004-011	1	No specific source	
	Pressure Switch	Nason	SM-2B-115R/443	1	www.nasonptc.com	
	Micro Valve Female Pipe (in Parker "FIRST kit")	Parker Hannifin Corporation	MV709-2 or MV609 (pictured)	1	No specific source	

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	Union Tee (in Parker "FIRST kit")	Parker Hannifin Corporation	2203P-2	3	No specific source	
	Plug 1/8 in. (in Parker "FIRST kit")	Parker Hannifin Corporation	218P-2	2	No specific source	
	Plug 1/4 in. (in Parker "FIRST kit")	Parker Hannifin Corporation	218P-4	2	No specific source	
	Hex Nipple 1/4 in. (in Parker "FIRST kit")	Parker Hannifin Corporation	216P-2	3	No specific source	
	Adapter 1/4 in. to 1/8 in, F/M (in Parker "FIRST kit")	Parker Hannifin Corporation	222P-4-2	1	No specific source	
	Brass Bushing 1/8 in. to 1/4 in, F/M (in Parker "FIRST kit")	Parker Hannifin Corporation	209P-4-2	2	No specific source	

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	Prestolok Male Connector (in Parker "FIRST" kit")	Parker Hannifin Corporation	W68PLP-4-2	6	No specific source	
	Prestolok Union Tee (in Parker "FIRST" kit")	Parker Hannifin Corporation	364PLP-4	4	No specific source	
	Prestolok Elbow Connector (in Parker "FIRST" kit")	Parker Hannifin Corporation	W369PLP-4-2	4	No specific source	
	Voucher Red and Blue Bumper Material	Robopromo.com	2019RookieMaterial	1	Not available	
	Pressure Regulator	IMI Precision Engineering/Norgren	R07-100-RNEA	1	No specific source	
	Regulator Mounting Kit	IMI Precision Engineering/Norgren	18-025-003	1	No specific source	

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VEXpro Rookie Add-On Kit

CIM Motor

VEXpro

217-2000

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www.vexrobotics.com



Motor Controller, Victor SPX

VEXpro

217-9191

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www.vexrobotics.com



Photo: VEXpro