

2025 Kickoff Kit Checklist

GRAY TOTE

<input checked="" type="checkbox"/>	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
Loose						
<input type="checkbox"/>	Air Volume Tank 32 cu. in., Black Plastic	Clippard Instrument Laboratory	AVT-PP-35	1	www.clippard.com	
<input type="checkbox"/>	Gamepad F310 Logitech	Connection	940-000110	2	No Specific Source	
<input type="checkbox"/>	Netbook HP	Best Buy	BB22252434	1	No Specific Source	
<input type="checkbox"/>	Pneumatic Hub	REV Robotics	REV-11-1852	1	www.revrobotics.com	
<input type="checkbox"/>	Power Distribution Hub	REV Robotics	REV-11-1850	1	www.revrobotics.com	
<input type="checkbox"/>	Radio Power Module	REV Robotics	REV-11-1856	1	www.revrobotics.com	
<input type="checkbox"/>	Power (Battery) Charger	HK TENGSHUN POWER SUPPLY CO LIMITED	FY1205000	1	No Specific Source	

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<input type="checkbox"/>	CIM Motor	AndyMark	am-0255	4	www.andymark.com	
<input type="checkbox"/>	Battery Sealed Lead Acid, 12V, 18Ah, Bolt Fastened, Rechargeable	MK Battery	ES17-12	1	www.mkbattery.com	
<input type="checkbox"/>	NI roboRIO for FRC	NI	787789-01	1	www.andymark.com	
<input type="checkbox"/>	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)	
<input type="checkbox"/>	Red Bumper Material	RoboPromo	RP-2016-R	1	www.robopromo.com	
<input type="checkbox"/>	Blue Bumper Material	RoboPromo	RP-2016-B	1	www.robopromo.com	
<input type="checkbox"/>	Compressor Model 92C or Model 95C	Viair	92C or 95C	1	No Specific Source	

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<input type="checkbox"/>	NEO Brushless Motor	REV Robotics	REV-21-1650	1	www.revrobotics.com	
<input type="checkbox"/>	SPARK MAX Motor Controller	REV Robotics	REV-11-2158	4	www.revrobotics.com	
<input type="checkbox"/>	NavX2	Studica Limited	navX2-MXP	1	www.studica.com	
<input type="checkbox"/>	Scotch Linerless Rubber Splicing Tape	3M	7000006090	1	No Specific Source	
<input type="checkbox"/>	USB 2.0 A to B Cable	Cable Wholesale	10U2-02203BK	1	No Specific Source	
<input type="checkbox"/>	USB Ethernet Adapter	Connection	UE330	1	No Specific Source	
<input type="checkbox"/>	3" Wheel Pack	AndyMark	N/A	1	www.andymark.com	

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<input type="checkbox"/>	USB Cable, A to B	Cable Wholesale	10U2-02203BK	1	Various Sources	
<input type="checkbox"/>	Terminal, CULUG Copper Compression, #6 (bag of 8)	Burndy	YAZV6CTC14FX	1	Various Sources	
<input type="checkbox"/>	2-Wire Jumper Cable	REV Robotics	REV-11-1134	1	www.revrobotics.com	
<input type="checkbox"/>	CAN Wire 22 AWG, Green/Yellow Twist, 36 in.	REV Robotics	REV-11-1149	1	www.revrobotics.com	
<input type="checkbox"/>	PWM Cable 22 AWG, 36 in., F/M	REV Robotics	REV-11-1130	5	www.revrobotics.com	
<input type="checkbox"/>	Control System Layout Poster	Thrifty Bot	TTB-0129	1	https://www.thethriftybot.com/	

Clear Bag

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<input checked="" type="checkbox"/>	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
<input type="checkbox"/>	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	
<input type="checkbox"/>	Fitting M7 thread, ¼ in. tubing (in FESTO packet)	Festo	QSM-M7-1/4-I-U-M or 183740	3	www.festo.us/first	
<input type="checkbox"/>	Solenoid Valve Double, 24VDC (in FESTO packet)	Festo	VUVG-LK10-B52-T-M7-1H2L-S or 8042548	1	www.festo.us/first	
<input type="checkbox"/>	E-Stop Sticker	D3	estopsticker	1	Not available	
<input type="checkbox"/>	PTFE Thread Seal Tape (aka Teflon Tape), ¼ in. x 520 in.	HPE Automation	PTFE-1-4	1	www.hpeco.com	
<input type="checkbox"/>	Regulator Mounting Kit	IMI Norgren	18-025-003	1	https://www.imi-precision.com/us	
<input type="checkbox"/>	Pressure Regulator	IMI Norgren	R07-100-RNEA	1	https://www.imi-precision.com/us	

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<input checked="" type="checkbox"/>	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
<input type="checkbox"/>	Analog Pressure Sensor	REV Robotics	REV-11-1107	1	www.revrobotics.com	
<input type="checkbox"/>	Cable Ties 4 in., 18 lb, white, bag of 100	Cable Ties Unlimited	M4-18-9C	1	No Specific Source	
<input type="checkbox"/>	Cable Ties 7.5 in., 50 lb, white, bag of 100	Cable Ties Unlimited	S7.5-50-9C	1	No Specific Source	
<input type="checkbox"/>	Pressure Gauge 1/8 in NPT, 160psi	Colonial Instruments	15-102D-1B-160	2	No Specific Source	
<input type="checkbox"/>	3/8" Shaft Collar	Ruland	CL-6-A	1	Various Sources	
<input type="checkbox"/>	MicroSD to SD Adapter Card	OEMPCWorld.com	034923	1	Various Sources	
<input type="checkbox"/>	Tank Mounting Clip	Clippard Instrument Laboratory	AVT-PP-CL	1	www.clippard.com	
<input type="checkbox"/>	Heat Shrink Thin-Wall Tubing, 1/8 in., 4 ft. length, FP301	3M	80611600893	1	No Specific Source	

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<input checked="" type="checkbox"/>	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
<input type="checkbox"/>	Heat Shrink Thin-Wall Tubing, $\frac{1}{4}$ in., 4 ft. length, FP301	3M	80611600968	1	No Specific Source	

<input checked="" type="checkbox"/>	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
Parker Bag						
<input type="checkbox"/>	Micro Valve Female Pipe (in Parker "FIRST kit")	Parker Hannifin Fluid System Connectors Division	MV709-2	1	www.parker.com	
<input type="checkbox"/>	Union Tee (in Parker "FIRST kit")	Parker Hannifin Fluid System Connectors Division	2203P-2	3	www.parker.com	
<input type="checkbox"/>	Plug 1/8 in. (in Parker "FIRST kit")	Parker Hannifin Fluid System Connectors Division	218P-2	2	www.parker.com	
<input type="checkbox"/>	Plug 1/4 in. (in Parker "FIRST kit")	Parker Hannifin Fluid System Connectors Division	218P-4	2	www.parker.com	
<input type="checkbox"/>	Hex Nipple 1/8 in. (in Parker "FIRST kit")	Parker Hannifin Fluid System Connectors Division	216P-2	3	www.parker.com	
<input type="checkbox"/>	Adapter 1/4 in. to 1/8 in, F/M (in Parker "FIRST kit")	Parker Hannifin Fluid System Connectors Division	222P-4-2	1	www.parker.com	
<input type="checkbox"/>	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	

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<input checked="" type="checkbox"/>	Item Description	Supplier	Part Number	Qty	Where to get more?	Photo
<input type="checkbox"/>	Prestolok Male Connector (in Parker "FIRST" kit")	Parker Hannifin Fluid System Connectors Division	W68PLP-4-2	6	www.parker.com	
<input type="checkbox"/>	Prestolok Union Tee (in Parker "FIRST" kit")	Parker Hannifin Fluid System Connectors Division	364PLP-4	4	www.parker.com	
<input type="checkbox"/>	Prestolok Elbow Connector (in Parker "FIRST" kit")	Parker Hannifin Fluid System Connectors Division	W369PLP-4-2	4	www.parker.com	
<input type="checkbox"/>	Assorted Terminal Kit 20ea Quick Disconnect Female 10-12 AWG (80610531214) 20ea Quick Disconnect Male 10-12 AWG (80610057806) 10ea Quick Disconnect Female 14-16 AWG (80601391719) 10ea Quick Disconnect Male 14-16 AWG (80610056071) 10ea Quick Disconnect Female 18-22 AWG (2-520184-2) 10ea Quick Disconnect Male 18-22 AWG (2-520103-2) 10ea Parallel Connector 10-12 AWG (34072) 10ea Parallel Connector 14-16 AWG (34071) 5ea Parallel Connector 18-22 AWG (34067) 5ea Ring Terminal 18-22 AWG (34150)	3M & TE Connect	TERMINAL_BAG	1	No Specific Source	