

KIT LETTER: _____

V5 ORANGE KIT 2025

Image	Description	Proper Place	Qty	Check Out	Check In
Chassis					
	Plate (5x5)	Bottom	2		
	Plate (5x15)	Bottom	2		
	Chassis Bar (20-hole)	Bottom	2		
	Chassis Bumper (20-hole)	Bottom	2		
	Chassis Rail (16-hole)	Bottom	4		
	C-Channel (15-hole)	Bottom	4		
	C-Channel (20-hole)	Bottom	1		
Hardware					
	Screw (8-32 x 1/4")	Slide Bin A2	100+		
	Screw (8-32 x 3/8")	Slide Bin A2	20+		
	Screw (8-32 x 1/2")	Slide Bin A2	30+		
	Screw (8-32 x 5/8")	Slide Bin A2	4		
	Screw (8-32 x 3/4")	Slide Bin A2	10+		

	Screw (8-32 x 1")	Slide Bin A2	10+		
	Screw (8-32 x 1-1/8")	Slide Bin A2	2		
	Screw (8-32 x 1-1/2")	Slide Bin A2	3		
	Nut (8-32 Keps)	Slide Bin B2	100+		
	Nut (8-32 Nylock)	Slide Bin B1	20+		
	Pop-Rivet (matched pair)	Slide Bin A3	50+		
	Washer (Teflon)	Slide Bin A1	10+		
	Washer (Steel)	Slide Bin A1	20+		
	Shaft Collar	Slide Bin B3	30+		
	Insert (Metal)	Bag A	10+		
	Insert (Plastic)	Bag A	10+		

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Shafts and Spacers					
	Shaft (4")	Bag B	3		
	Shaft (3")	Bag B	12		
	Shaft (2")	Bag B	4		
	Shaft (11 mm)	Bag B	4		
	Shaft Spacer (4.6mm)	Bag B	20+		
	Shaft Spacer (8mm)	Bag B	20+		
	Shaft Coupler	Bag B	4		
Standoffs					
	Standoff (0.5")	Bag B	8+		
	Standoff (1.0")	Bag B	4+		
	Standoff (2.0")	Bag B	4+		
	Standoff (3.0")	Bag B	4+		

Bearings					
	Bearing (Flat)	Bag C	30+		
	Bearing (Pillow Block)	Bag C	4+		
	Lock Plate	Bag C	4		
Gears and Wheels					
	Spur Gear (12T)	Tray	6		
	Spur Gear (36T)	Bottom	4		
	Spur Gear (60T)	Bottom	10		
	Spur Gear (84T)	Bottom	4		
	Wheel (4")	Bottom	4		
Sensors					
	Switch (Bumper)	Tray	2		
	Switch (Limit)	Tray	2		

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V5 Components					
	V5 Robot Brain	Box	1		
	V5 Controller	Box	1		
	V5 Robot Radio	Box	1		
	V5 Robot Battery	Cabinet	1		
	V5 Smart Motor	Box	4		
	V5 Battery Clips	Box	1		
	V5 Battery Charger	Box	1		
	V5 Brain Clips (Small)	Box	2		
	V5 Brain Clips (Large)	Box	2		
	V5 Smart Cables	Box	5		
	USB A to Micro Cable	Box	1		
	V5 Battery Cable	Box	1		

Miscellaneous					
	Claw Assembly	Bottom	1		
	License Plate	Bottom	1		
	Tie Wraps (4")	Tray	10+		
	Rubber Bands (#32)	Tray	4+		
Tools					
	Hex Key (5/64")	Tray	2		
	Hex Key (3/32")	Tray	2		
	Wrench (Open-end)	Tray	2		
	Screw Size Gauge (Plastic)	Bottom	1		

Check OUT	Date:		Captain:		Witness:	
	Per:		Witness:		Witness:	
	Team:		Witness:		Supervisor:	

Check IN	Date:		Captain:		Witness:	
	Per:		Witness:		Witness:	
	Team:		Witness:		Supervisor:	