












Kit _____

VEX KIT – ORANGE CASE

Team _____

Image	Description	Quantity		Check Out	Check In
		Kit	Ask		
Motion					
	2-Wire Motor 393	5			
	Claw Kit Assembly	1			
	Shaft Collar	37			
	Shaft Coupler	4			
	Shaft (12")	4			
	Shaft (4")	3			
	Shaft (3")	12			
	Shaft (2")	4			
	Shaft (11 mm)	4			
	Bearing (Flat)	44			
	Bearing (Pillow Block)	6			

Check OUT	Date:		Captain:		Witness:	
	Per:		Witness:		Witness:	
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	Lock Plate	4			
	4" Wheel	4			
	Spur Gear, 12T	6			
	Spur Gear, 36T	4			
	Spur Gear, 60T	10			
	Spur Gear, 84T	4			
	Gear Insert, High Strength Square	16			
	Gear Insert, Free Spinning	16			
Metal					
	Chassis Bar (20-hole)	2			
	Chassis Bumper (20-hole)	2			
	Chassis Rail (16-hole)	4			
	C-Channel, 1x2x1 (15-hole)	4			

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	C-Channel, 1x2x1 (20-hole)	1			
	Plate, 5x5	2			
	Plate, 5x15	2			
Electrical					
	Cortex Microprocessor	1			
	VEXnet Joystick	1			
	VEXnet USB Key	2			
	Battery Strap or Clips (2-pack)	2			
	7.2V NiMH 3000mAh Battery	0	2		
	AAA NiMH Rechargeable Battery	6	6		
	Motor Controller	4	1		
	Bumper Switch	2	1		
	Limit Switch	2	1		

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	Ultrasonic Range Finder	0	1		
	Light Sensor	0	1		
	Line Tracking Sensor	0	1		
	Optical Shaft Encoder	0	1		
	3-wire Extension (6")	2			
	3-wire Extension (12")	2			
	3-wire Extension (24")	1			
	3-wire Extension (36")	1			
	VEXnet USB Tether Cable	1			
	Programming Hardware Kit	0	1		
Hardware					
	Screw, 6-32 x 1/4"	10			
	Screw, 6-32 x 1/2"	10			

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	Screw, 8-32 x 1/4"	102			
	Screw, 8-32 x 3/8"	28			
	Screw, 8-32 x 1/2"	42			
	Screw, 8-32 x 5/8"	4			
	Screw, 8-32 x 3/4"	14			
	Screw, 8-32 x 7/8"	0			
	Screw, 8-32 x 1"	12			
	Screw, 8-32 x 1-1/8"	2			
	Screw, 8-32 x 1-1/2"	3			
	Screw, 8-32 x 2"	0			
	Locking Screw, 6-32 x 1/4"	6			
	Locking Screw, 6-32 x 1/2"	6			

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	Nut, 8-32 Keps	184			
	Nut, 8-32 Nylock	34			
	Shaft Spacer, Thin (4.6mm)	30			
	Shaft Spacer, Thick (8mm)	30			
	Bearing Pop-Rivet (inside)	82			
	Bearing Pop-Rivet (outside)	82			
	4" Tie Wraps	50			
	Latex Tubing (5')	2			
	Standoff (0.5")	10			
	Standoff (1.0")	8			
	Standoff (2.0")	6			
	Standoff (3.0")	6			

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	#32 Rubber Bands (Orange)	20			
	#64 Rubber Bands (Orange)	0	10		
	Washer, Teflon	10			
	Washer, Steel	30			
Tools					
	Safety Glasses	1 Per Person			
	Hex Key (5/64")	2	1		
	Hex Key (3/32")	2	1		
	Open-Ended Wrench	2	1		

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