










2010 Kit of Parts - Checklist

Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	AndyMark Kit AndyMark C-Base Kit 1	Corner Connect PN: am-0212	8	
<input type="checkbox"/>	AndyMark Kit AndyMark C-Base Kit 2	Angle Bracket PN: am-0442	2	
<input type="checkbox"/>	AndyMark Kit AndyMark C-Base Kit 2	T-Brace PN: am-0443	2	
<input type="checkbox"/>	AndyMark Kit AndyMark C-Base Kit 3	3/8 x 3 1/2" hex head screw PN: am-1122	4	
<input type="checkbox"/>	AndyMark Kit AndyMark C-Base Kit 3	3/8-18 Nylock Nut PN: am-1054	4	
<input type="checkbox"/>	AndyMark Kit AndyMark C-Base Kit 3	370 x 375 Spacer PN: am-0440	4	
<input type="checkbox"/>	AndyMark Kit AndyMark C-Base Kit 3	985 x 375 Spacer PN: am-0441	4	

2010 Kit of Parts - Checklist

Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	AndyMark Kit AndyMark C-Base Kit 4	1/4-20 nylock nut PN: am-1015	48	
<input type="checkbox"/>	AndyMark Kit AndyMark C-Base Kit 4	1/4-20 x 1.75 SHCS PN: am-1058	32	
<input type="checkbox"/>	AndyMark Kit AndyMark C-Base Kit 4	1/4-20 x 5/8" SHCS PN: am-1053	16	
<input type="checkbox"/>	AndyMark Kit AndyMark C-Base Kit 4	1/4" Washer PN: am-1027	8	
<input type="checkbox"/>	AndyMark Kit AndyMark Sprocket Kit	#10 screw, self-tapping PN: am-1123	12	
<input type="checkbox"/>	AndyMark Kit AndyMark Sprocket Kit	765 x 500 Spacer PN: am-0452	2	
<input type="checkbox"/>	AndyMark Kit AndyMark Sprocket Kit	S35-15DHE, output sprocket, 15-tooth #35, double sprocket PN: am-0421	2	

2010 Kit of Parts - Checklist				
Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	AndyMark Kit AndyMark Sprocket Kit	S35-22LE, wheel sprocket, 22-tooth #35, #10 mntg holes in a 1.875" D circle, 1.1" bore PN: am-0245	4	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 1	Output shaft PN: am-0153	2	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 1	Small Hex Shaft 1/Toughbox x 2 Toughboxes/FRC kit = 2 total PN: am-0152	2	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 2	CIM Gear 2/Toughbox x 2 Toughboxes/FRC kit = 4 total PN: am-0034	4	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 2	Large Output Gear 1/Toughbox x 2 Toughboxes/FRC kit = 2 total PN: am-0150	2	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 3	Large Cluster Gear 1/Toughbox x 2 Toughboxes/FRC kit = 2 total PN: am-0149	2	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 3	Small Cluster Gear 1/Toughbox x 2 Toughboxes/FRC kit = 2 total PN: am-0151	2	

2010 Kit of Parts - Checklist

Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 4	1/4-20 nylock nut 4/Toughbox x 2 Toughboxes/FRC kit = 8 total PN: am-1015	8	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 4	1/4-20 x 1/2 BHCS 1/Toughbox x 2 Toughboxes/FRC kit = 2 total PN: am-1039	2	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 4	1/4-20 x 2" SHCS 4/Toughbox x 2 Toughboxes/FRC kit = 8 total PN: am-1012	8	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 4	1/4" washer 1/Toughbox x 2 Toughboxes/FRC kit = 2 total PN: am-1027	2	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 4	#10-32 x 5/8" SHCS w/ nylon 4/Toughbox x 2 Toughboxes/FRC kit = 8 total PN: am-1120	8	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 5	FR6ZZ bearing 3/Toughbox x 2 Toughboxes/FRC kit = 6 total PN: am-0028	6	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 5	FR8ZZ bearing 1/Toughbox x 2 Toughboxes/FRC kit = 2 total PN: am-0030	2	








2010 Kit of Parts - Checklist








Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 6	1/8" machine key 1/Toughbox x 2 Toughboxes/FRC kit = 2 total PN: am-1043	2	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 6	#10-32 x 1/2" SHCS 2/Toughbox x 2 Toughboxes/FRC kit = 4 total PN: am-1002	4	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 6	2 x 2 x 10mm key 2/Toughbox x 2 Toughboxes/FRC kit = 4 total PN: am-1121	4	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 6	5/16" washer 4/Toughbox x 2 Toughboxes/FRC kit = 8 total PN: am-1009	8	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 6	8mm Ring 2/Toughbox x 2 Toughboxes/FRC kit = 4 total PN: am-0033	4	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 6	E-Clip 1/Toughbox x 2 Toughboxes/FRC kit = 2 total PN: am-0206	2	
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 6	Encoder mount 1/Toughbox x 2 Toughboxes/FRC kit = 2 total PN: am-0208	2	


2010 Kit of Parts - Checklist

Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	AndyMark Kit AndyMark Toughbox Kit 6	Grease pack 1/Toughbox x 2 Toughboxes/FRC kit = 2 total PN: am-0448	2	
<input type="checkbox"/>	AndyMark Kit Loose	C-Channel PN: am-0202	6	
<input type="checkbox"/>	AndyMark Kit Loose	1614ZZ, Wheel bearings Double Shielded, ID: 0.375", OD: 1.125", Width: 0.375" PN: am-0209	8	
<input type="checkbox"/>	AndyMark Kit Loose	2010 FIRST wheel, plastic tread 8" Diameter, "slick" PN: am-0494	2	
<input type="checkbox"/>	AndyMark Kit Loose	2010 FIRST wheel, rubber tread 8" Diameter, "stick" PN: am-0420	2	
<input type="checkbox"/>	AndyMark Kit Loose	Battery Plug PN: AM-0122	4	
<input type="checkbox"/>	AndyMark Kit Loose	Extrusion cover 1/Toughbox x 2 Toughboxes/FRC kit = 2 total PN: am-0260	2	








2010 Kit of Parts - Checklist				
Container	Part Name, Description, & Number	Qty	Photo	
<input type="checkbox"/> AndyMark Kit Loose	Wheel Bracket PN: am-0450	4		
<input type="checkbox"/> AndyMark Kit Toughbox kit	Mount Plate PN: am-0155	2		
<input type="checkbox"/> AndyMark Kit Toughbox kit	Shaft Plate PN: am-0261	2		
<input type="checkbox"/> Battery Box Loose	Battery (<u>ROOKIE</u>) 12 volt, 18 AH, Non-Spillable PN: NP18-12	2		
<input type="checkbox"/> Battery Box Loose	Battery (<u>VETERAN</u>) 12 volt, 18 AH, Non-Spillable PN: NP18-12	1		
<input type="checkbox"/> Blue Tote Breaker Bag	20Amp circuit breaker auto-reset PN: VB3-A20-F57	5		
<input type="checkbox"/> Blue Tote Breaker Bag	30Amp circuit breaker auto-reset PN: VB3-A30-F57	2		

2010 Kit of Parts - Checklist				
Container	Part Name, Description, & Number		Qty	Photo
<input type="checkbox"/> Blue Tote Breaker Bag	40Amp circuit breaker auto-reset PN: MX5-A40		4	
<input type="checkbox"/> Blue Tote Included w/ Analog Breakout	Breakout mounting hardware, 4-40 x 0.75" <u>These are wrapped up with the Analog Breakout Boards!</u> PN: 92196A113		6	
<input type="checkbox"/> Blue Tote Loose	Autodesk packet Flyer PN:		1	
<input type="checkbox"/> Blue Tote Loose	IEC Rotary Limit Switch PN: AAP2T51Z11		2	
<input type="checkbox"/> Blue Tote Loose	Terminal blocks 12 pole w/ wire protector PN: BM-M092CS		2	
<input type="checkbox"/> Blue Tote Loose	FirstTouch I/O Module PN: CY8CKIT-003		1	
<input type="checkbox"/> Blue Tote Loose	Wire, 10AWG, Black 10' length PN:		1	

2010 Kit of Parts - Checklist				
Container	Part Name, Description, & Number		Qty	Photo
<input type="checkbox"/> Blue Tote Loose	Wire, 10AWG, Red 10' length PN:		1	
<input type="checkbox"/> Blue Tote Loose	Wire, 14AWG, Black 10' length PN:		1	
<input type="checkbox"/> Blue Tote Loose	Wire, 14AWG, Red 10' length PN:		1	
<input type="checkbox"/> Blue Tote Loose	Analog Breakout PN: A003266 / am0267		1	
<input type="checkbox"/> Blue Tote Loose	Digital SideCar PN: A003333 / am-0266		1	
<input type="checkbox"/> Blue Tote Loose	Power Distribution Board 8 40A outputs, 12 20/30A outputs, 5V, 12V, & 24V regulated outputs PN: A003206 / am-0265		1	
<input type="checkbox"/> Blue Tote Loose	Compact Fan (Large) 12 Vdc PN: 4212		2	

2010 Kit of Parts - Checklist				
Container	Part Name, Description, & Number		Qty	Photo
<input type="checkbox"/>	Blue Tote Loose	Compact fan (mini) 12 Vdc PN: 412	6	
<input type="checkbox"/>	Blue Tote Loose	E-Stop Button PN: am-0515	1	
<input type="checkbox"/>	Blue Tote Loose	Terminal Lug (bag of 8) 6-14 ga solderless lug, mechanical PN: KPA4CUNPL	1	
<input type="checkbox"/>	Blue Tote Loose	Terminal Lugs (bag of 8) 6-14 ga solderless lug, compression, copper PN: YAZV6CTC14FX	1	
<input type="checkbox"/>	Blue Tote Loose	Tie wraps, 4" UNIRAP, 4", 100 ct PN: CT18075C	1	
<input type="checkbox"/>	Blue Tote Loose	Tie wraps, 8" UNIRAP, 8", 100 ct PN: CT50175C	1	
<input type="checkbox"/>	Blue Tote Loose	Pneumatic tubing (1/4 OD x 0.160 ID) x 50' length PN: 1J-151-48P-FW	1	

2010 Kit of Parts - Checklist				
Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Blue Tote Loose	Gates free parts notice Flyer PN:	1	
<input type="checkbox"/>	Blue Tote Loose	Teflon tape roll, 1/4" x 520' PN:	1	
<input type="checkbox"/>	Blue Tote Loose	Classmate PC 16G Flash, Clamshell PN: NBC2GO89A	1	
<input type="checkbox"/>	Blue Tote Loose	Latex Tubing 0.125" ID x 0.094" thickness x 5' L PN:	1	
<input type="checkbox"/>	Blue Tote Loose	Speed Controller (Jaguar) Stellaris Brushed DC motor PN: MDL-BDC	2	
<input type="checkbox"/>	Blue Tote Loose	Blue Tote PN:	1	
<input type="checkbox"/>	Blue Tote Loose	FRC Software Bundle LabVIEW for FRC, WindRiver PN:	1	

2010 Kit of Parts - Checklist				
Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Blue Tote Loose	2-wire jumper cable 24" PN: 03203	5	
<input type="checkbox"/>	Blue Tote Loose	Scholarship Packet 2 brochures & 2 posters PN:	1	
<input type="checkbox"/>	Blue Tote Loose	Servo Y-splitter cable 12" PN: 788 (modified, plastic covers removed)	2	
<input type="checkbox"/>	Blue Tote Loose	PTC Sticker http://www.ptc.com/go/frcregistration PN:	1	
<input type="checkbox"/>	Blue Tote Loose	RC Extension cable 36", 22AWG wire, male/female PN: RC-218FJ36 (mod'd, keys & covers removed)	8	
<input type="checkbox"/>	Blue Tote Loose	Java Postcard Flyer PN:	1	
<input type="checkbox"/>	Blue Tote Loose	USB 4-port hub PN: ACH63US	1	

2010 Kit of Parts - Checklist				
Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Blue Tote Loose	Circuit Breaker 120A, Automotive style PN: CB3-SM-120	1	
<input type="checkbox"/>	Blue Tote Loose	Breadboard 2.14" x 6.5" PN: TW-E40-1020	1	
<input type="checkbox"/>	Blue Tote US Digital Bag	4-pin encoder connector 26AWG wire PN: CA-MIC4-W4-NC-1	2	
<input type="checkbox"/>	Blue Tote US Digital Bag	Encoder - Codewheel 360 CPR PN: E4P-360-250-S4149	2	
<input type="checkbox"/>	Blue Tote US Digital Bag	Encoder - Cover 360 CPR PN: E4P-360-250-S4149	2	
<input type="checkbox"/>	Blue Tote US Digital Bag	Encoder - Installation Tool 360 CPR PN: E4P-360-250-S4149	1	
<input type="checkbox"/>	Blue Tote US Digital Bag	Encoder -Base 360 CPR PN: E4P-360-250-S4149	2	





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Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Red Tote CablesToGo bag	standoff, male/female (for DS and DSC) 4-40, 0.187' long PN: 219-1048	2	
<input type="checkbox"/>	Red Tote CablesToGo bag	Magnetic encoder, board PN: AS5030	2	
<input type="checkbox"/>	Red Tote CablesToGo bag	Magnetic encoder, magnet PN:	2	
<input type="checkbox"/>	Red Tote CablesToGo bag	DB37 Extension Cable 3ft, beige, Male/Female PN: 02688	1	
<input type="checkbox"/>	Red Tote CablesToGo bag	Power connector, Wago 2-pole PN: 734-102	4	
<input type="checkbox"/>	Red Tote CablesToGo bag	Sensor panel accelerometer/gyro sensor boards PN:	1	
<input type="checkbox"/>	Red Tote CablesToGo bag	Jumper female, 2-pin shunt, black or white PN: 68786-102LF	4	

2010 Kit of Parts - Checklist				
Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Red Tote CablesToGo bag	FisherPrice assy hardware 12VDC w/ 16 tooth pinion, -9015 motor PN:	4	
<input type="checkbox"/>	Red Tote CablesToGo bag	Microswitch PN: V7-2B17D8-048	2	
<input type="checkbox"/>	Red Tote CablesToGo bag	Power connector, cRio female, 4 poles PN: CTF040V8	2	
<input type="checkbox"/>	Red Tote CablesToGo bag	Master Link for Chain #35 Link PN:	4	
<input type="checkbox"/>	Red Tote CablesToGo bag	One-pitch link #35 Link PN:	4	
<input type="checkbox"/>	Red Tote CablesToGo bag	Quick Disconnect, female 10-12ga, .250d, FASTON PN: 4-520448-2	20	
<input type="checkbox"/>	Red Tote CablesToGo bag	Quick Disconnect, female 16-14ga, .250d, FASTON PN: 3-520408-2	10	

2010 Kit of Parts - Checklist				
Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Red Tote CablesToGo bag	Quick Disconnect, male 12-10ga, .250d PN: 4-521098-2	10	
<input type="checkbox"/>	Red Tote igus bag	DryLin N Linear Guide System PN: NK02-40-2-610	1	
<input type="checkbox"/>	Red Tote igus bag	DryLin S Aluminum Shaft 24" Hard Anodized PN: AWI-10	2	
<input type="checkbox"/>	Red Tote igus bag	Energy Chain Cable Carrier 1 meter PN: 05-4-038-0	1	
<input type="checkbox"/>	Red Tote igus bag	Energy Chain Mounting Bracket Set PN: 050-20-12	1	
<input type="checkbox"/>	Red Tote igus bag	iglide bearing PN: JSI-1012-08	4	
<input type="checkbox"/>	Red Tote igus bag	iglide bearing PN: JFI-1012-08	4	

2010 Kit of Parts - Checklist				
Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Red Tote igus bag	iglide bearing PN: MTI-10	4	
<input type="checkbox"/>	Red Tote igus bag	iglide bearing PN: MCI-06-02	4	
<input type="checkbox"/>	Red Tote igus bag	igubal Flange Bearing PN: EFOI-10	2	
<input type="checkbox"/>	Red Tote igus bag	igubal Rod End Bearing PN: EBRI-10R	2	
<input type="checkbox"/>	Red Tote Loose	Quick-Disconnect Battery Connector #6 wire pair, red & black, 12" tail PN: 6331G1	4	
<input type="checkbox"/>	Red Tote Loose	Accumulator Volume tank, 2" bore by 6" long PN: AVT-32-16	2	
<input type="checkbox"/>	Red Tote Loose	Wire, 6AWG, Black, 5' 5', #6 AWG, Black PN: M3391-101	1	

2010 Kit of Parts - Checklist				
Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Red Tote Loose	Wire, 6AWG, Red, 5' 5', #6 AWG, Red PN:	1	
<input type="checkbox"/>	Red Tote Loose	Window Motor - Left 12V DC PN: 262100-3040	2	
<input type="checkbox"/>	Red Tote Loose	Window Motor - Right 12V DC PN: 262100-3030	2	
<input type="checkbox"/>	Red Tote Loose	FisherPrice Gearbox 12VDC w/ 16 tooth pinion, -9015 motor PN:	2	
<input type="checkbox"/>	Red Tote Loose	FisherPrice Motor 12VDC w/ 19 tooth pinion, -9015 motor PN:	2	
<input type="checkbox"/>	Red Tote Loose	Relay Module (Spike) 12V, 20A Max PN: SPIKE-RELAY-H	1	
<input type="checkbox"/>	Red Tote Loose	Lead Screw w/ nut PN: BZ8M16 X 15"	1	

2010 Kit of Parts - Checklist				
Container	Part Name, Description, & Number		Qty	Photo
<input type="checkbox"/>	Red Tote Loose	Serial Cable #4 screw size PN:	1	
<input type="checkbox"/>	Red Tote Loose	Cable Assembly, Ethernet crossover 5ft, pink PN:	1	
<input type="checkbox"/>	Red Tote Loose	Mabuchi motor PN: RS555SH-2670	1	
<input type="checkbox"/>	Red Tote Loose	Mabuchi motor PN: RS555VC-3754	1	
<input type="checkbox"/>	Red Tote Loose	Chain, #35, 20ft length #35, 20' length PN:	1	
<input type="checkbox"/>	Red Tote Loose	Pressure Switch Opens 115psi, Closes 95psi PN: SM-2B-115R/443	1	
<input type="checkbox"/>	Red Tote Loose	Main Regulator Mounting Kit Bracket and Nut PN: 18-025-003	1	

2010 Kit of Parts - Checklist				
Container	Part Name, Description, & Number		Qty	Photo
<input type="checkbox"/>	Red Tote Loose	Pressure Gauge 1/8" NPT, 0 - 160 psi PN: 18-013-212	1	
<input type="checkbox"/>	Red Tote Loose	Relief Valve 120 psi relief valve PN: 16-004-011	1	
<input type="checkbox"/>	Red Tote Loose	Coupler, Denso motor black, injection molded plastic, 6 tooth PN: Denso-6	4	
<input type="checkbox"/>	Red Tote Loose	Restoration Key (USB) 4GB SanDisk Cruzer preloaded w/ 2010 Classmate image PN: SDCZ6-4096-A11	1	
<input type="checkbox"/>	Red Tote Loose	Cable Assembly, Ethernet 2ft, gray PN: 219241-2	1	
<input type="checkbox"/>	Red Tote Loose	Wire, 18AWG, Black 5' length PN:	1	
<input type="checkbox"/>	Red Tote Loose	Wire, 18AWG, Red 5' length PN:	1	





2010 Kit of Parts - Checklist				
Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Red Tote Loose	2.5" CIM Motor 12V DC, 2.5" diameter PN: FR801-001	2	
<input type="checkbox"/>	Red Tote N/A	Red Tote PN:	1	
<input type="checkbox"/>	Rookie Kit Camera Bracket Kit	Axis Case PN: MI-00016	1	
<input type="checkbox"/>	Rookie Kit Camera Bracket Kit	Base PN: MI-00015	1	
<input type="checkbox"/>	Rookie Kit Camera Bracket Kit	Pan Plate PN: MI-00013	1	
<input type="checkbox"/>	Rookie Kit Camera Bracket Kit	Servo Brace PN: MI-00014	1	
<input type="checkbox"/>	Rookie Kit cRIO kit	Analog Input Module 8 analog inputs, ± 10 V input range, 500 kS/s aggregate sampling rate, 12-bit resolution PN: 9201	2	








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Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Rookie Kit cRIO Kit	compactRIO PN: cRIO-FRC	1	
<input type="checkbox"/>	Rookie Kit cRIO Kit	Digital I/O Module 32-channel digital I/O, 5 V/TTL, sinking/sourcing digital I/O, 1000 Vrms transient isolation, ±30 V PN: 9403	2	
<input type="checkbox"/>	Rookie Kit cRIO Kit	Digital Sourcing Module 8-channel, 100 µs digital output, 6 to 30 V range, sourcing digital output PN: 9472	1	
<input type="checkbox"/>	Rookie Kit Loose	Camera, Axis 206 206 color camera, MJPEG, 16MB RAM, 4MB Flash, 4mm lens, F2.0 PN: 288635	1	
<input type="checkbox"/>	Rookie Kit Loose	Battery Charger 12V, 6Amp automatic PN: SC-600A	1	
<input type="checkbox"/>	Rookie Kit Loose	DB37 Extension Cable 3ft, beige, Male/Female PN: 02688	1	
<input type="checkbox"/>	Rookie Kit Loose	Analog Breakout PN: A003266 / am-0267	1	





2010 Kit of Parts - Checklist				
Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Rookie Kit Loose	Digital SideCar PN: A003333 / am-0266	1	
<input type="checkbox"/>	Rookie Kit Loose	Solenoid Breakout PN: A003265 / am-0268	1	
<input type="checkbox"/>	Rookie Kit Loose	CD - Basic Electronic Measurement PN:	1	
<input type="checkbox"/>	Rookie Kit Loose	Digital Multimeter PN: 2100135D	1	
<input type="checkbox"/>	Rookie Kit Loose	Air Compressor 12VDC PN: 405ADC38/12	1	
<input type="checkbox"/>	Rookie Kit Loose	Servo 42 oz./in. peak torque, 0.19 sec./60° PN: HS-322HD	2	
<input type="checkbox"/>	Rookie Kit Loose	Relay Module (Spike) 12V, 20A Max PN: SPIKE-RELAY-H	1	

2010 Kit of Parts - Checklist				
Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Rookie Kit Loose	Speed Controller (Victor 884) VICTOR-884-12-12 PN: FR-VIC884	1	
<input type="checkbox"/>	Rookie Kit Loose	Radio, Driver Station WRT160N PN: WRT160N	1	
<input type="checkbox"/>	Rookie Kit Loose	Speed Controller (Jaguar) Stellaris Brushed DC motor PN: MDL-BDC	2	
<input type="checkbox"/>	Rookie Kit Loose	NI Rookie packet #4 screw size PN:	1	
<input type="checkbox"/>	Rookie Kit Loose	Joystick, Attack 3 11 programmable buttons, USB, symmetrical handle PN: 963291-0403	2	
<input type="checkbox"/>	Rookie Kit Loose	Radio, Robot Dual-Band Wireless-N Gaming Adapter (includes adapter, ethernet cable, etc) PN: WGA600N	1	
<input type="checkbox"/>	Rookie Kit Rookie Hardware	standoff, male/female (for DS and DSC) 4-40, 0.187' long PN: 219-1048	2	

2010 Kit of Parts - Checklist				
Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Rookie Kit Rookie Hardware	Power connector, Wago 2-pole PN: 734-102	2	
<input type="checkbox"/>	Rookie Kit Rookie Hardware	Nut, bracket assembly 4-40, keps PN: 1137403	16	
<input type="checkbox"/>	Rookie Kit Rookie Hardware	Nut, camera pivot 8-32, nylock PN: 1170856	1	
<input type="checkbox"/>	Rookie Kit Rookie Hardware	Screw, camera pivot 8-32, 3/8" PN: 1172396	1	
<input type="checkbox"/>	Rookie Kit Rookie Hardware	Screw, hex, servo mount 4-40, 1/2", low profile PN: 0170662	4	
<input type="checkbox"/>	Rookie Kit Rookie Hardware	Screw, horn/bracket assembly 4-40, 3/8" PN: 1172482	8	
<input type="checkbox"/>	Rookie Kit Rookie Hardware	Screw, servo mounting 4-40, 3/4" PN: 1128667	4	

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Container	Part Name, Description, & Number		Qty	Photo
<input type="checkbox"/>	Rookie Kit Rookie Hardware	Nylon spacer 1/4" PN: 252805	4	
<input type="checkbox"/>	Rookie Kit Rookie Hardware	spring lock washer #4 screw size PN: 91102A720	4	
<input type="checkbox"/>	Separate	Double solenoid valve 24V DC solenoid double valve PN: VUVG-L10-B52-T-M5-1P3-566458	1	
<input type="checkbox"/>	Separate	Gloves, pair, Large Leather Palm, Suede Cowhide, Cotton Back, Straight Thumb, Elastic Wrist, Rubberized Cuff PN: 2AL54	1	
<input type="checkbox"/>	Separate	Gloves, pair, Medium Leather Palm, Suede Cowhide, Cotton Back, Straight Thumb, Elastic Wrist, Rubberized Cuff PN: 2BC74	1	
<input type="checkbox"/>	Separate	Secondary Regulator PN: 101-3002-1	1	
<input type="checkbox"/>	Separate	Secondary Regulator Bracket Mounting bracket PN: 13536	1	

2010 Kit of Parts - Checklist				
Container	Part Name, Description, & Number		Qty	Photo
<input type="checkbox"/>	Separate	Main Regulator, adjustable PN: R07-100-RNEA	1	
<input type="checkbox"/>	Separate	Brass bag PN: PKT12326	1	
<input type="checkbox"/>	Separate	Panel signal device 12V Light PN: 855PB-B12ME522	1	
<input type="checkbox"/>	Virtual	Altium Designer The 12-month license from Altium Designer, is available at http://www.altium.com/frc2010/ PN:	1	
<input type="checkbox"/>	Virtual N/A	Autodesk Software Tools www.autodesk.com/first PN:	1	
<input type="checkbox"/>	Virtual N/A	Bimba Cylinders - custom order The order form for the cylinders/rotary actuators is at www.bimba.com . PN:	3	
<input type="checkbox"/>	Virtual N/A	Gates belting - custom order Gates will provide up to 3 belts per team. The order form is available at www.gates.com/FIRST PN:	1	

2010 Kit of Parts - Checklist				
Container		Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Virtual N/A	Gates sprockets - custom order Gates will provide up to 4 sprockets & 1 idler assembly. Order online at www.gates.com/FIRST PN:	1	
<input type="checkbox"/>	Virtual N/A	Mathcad http://www.ptc.com/go/frcregistration PN:	1	
<input type="checkbox"/>	Virtual N/A	Pro/ENGINEER http://www.ptc.com/go/frcregistration (for creating CAD models) PN:	1	
<input type="checkbox"/>	Virtual N/A	ProductView http://www.ptc.com/go/frcregistrationfor (visualizing your robot design) PN:	1	
<input type="checkbox"/>	Virtual N/A	Windchill http://www.ptc.com/go/frcregistration (for team collaboration) PN:	1	