










## 2010 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	<b>AndyMark Kit</b>  AndyMark C-Base Kit 1  PN: am-0212	8	
<input type="checkbox"/>	<b>AndyMark Kit</b>  AndyMark C-Base Kit 2  PN: am-0442	2	
<input type="checkbox"/>	<b>AndyMark Kit</b>  AndyMark C-Base Kit 2  PN: am-0443	2	
<input type="checkbox"/>	<b>AndyMark Kit</b>  AndyMark C-Base Kit 3  PN: am-1122	4	
<input type="checkbox"/>	<b>AndyMark Kit</b>  AndyMark C-Base Kit 3  PN: am-1054	4	
<input type="checkbox"/>	<b>AndyMark Kit</b>  AndyMark C-Base Kit 3  PN: am-0440	4	
<input type="checkbox"/>	<b>AndyMark Kit</b>  AndyMark C-Base Kit 3  PN: am-0441	4	

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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	

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<input type="checkbox"/>	<b>AndyMark Kit</b>  AndyMark Sprocket Kit  PN: am-0245	4	
<input type="checkbox"/>	<b>AndyMark Kit</b>  AndyMark Toughbox Kit 1  PN: am-0153	2	
<input type="checkbox"/>	<b>AndyMark Kit</b>  AndyMark Toughbox Kit 1  PN: am-0152	2	
<input type="checkbox"/>	<b>AndyMark Kit</b>  AndyMark Toughbox Kit 2  PN: am-0034	4	
<input type="checkbox"/>	<b>AndyMark Kit</b>  AndyMark Toughbox Kit 2  PN: am-0150	2	
<input type="checkbox"/>	<b>AndyMark Kit</b>  AndyMark Toughbox Kit 3  PN: am-0149	2	
<input type="checkbox"/>	<b>AndyMark Kit</b>  AndyMark Toughbox Kit 3  PN: am-0151	2	


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








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



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<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	

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








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





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

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

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<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	

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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 <a href="http://www.ptc.com/go/frcregistration">http://www.ptc.com/go/frcregistration</a> 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	

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<input type="checkbox"/>	<b>Blue Tote</b>  Loose	Circuit Breaker 120A, Automotive style  PN: CB3-SM-120	1	
<input type="checkbox"/>	<b>Blue Tote</b>  Loose	Breadboard 2.14" x 6.5"  PN: TW-E40-1020	1	
<input type="checkbox"/>	<b>Blue Tote</b>  TBD	Gasket Kit (for cRIO)  PN:	1	
<input type="checkbox"/>	<b>Blue Tote</b>  US Digital Bag	4-pin encoder connector 26AWG wire  PN: CA-MIC4-W4-NC-1	2	
<input type="checkbox"/>	<b>Blue Tote</b>  US Digital Bag	Encoder - Codewheel 360 CPR  PN: E4P-360-250-S4149	2	
<input type="checkbox"/>	<b>Blue Tote</b>  US Digital Bag	Encoder - Cover 360 CPR  PN: E4P-360-250-S4149	2	
<input type="checkbox"/>	<b>Blue Tote</b>  US Digital Bag	Encoder - Installation Tool 360 CPR  PN: E4P-360-250-S4149	1	

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<b>Container</b>	<b>Part Name, Description, &amp; Number</b>	<b>Qty</b>	<b>Photo</b>	
<input type="checkbox"/> <b>Blue Tote</b> US Digital Bag	Encoder -Base 360 CPR  PN: E4P-360-250-S4149	2		
<input type="checkbox"/> <b>Red Tote</b> CablesToGo bag	standoff, male/female (for DS and DSC) 4-40, 0.187' long  PN: 219-1048	2		
<input type="checkbox"/> <b>Red Tote</b> CablesToGo bag	Magnetic encoder, board  PN: AS5030	2		
<input type="checkbox"/> <b>Red Tote</b> CablesToGo bag	Magnetic encoder, magnet  PN:	2		
<input type="checkbox"/> <b>Red Tote</b> CablesToGo bag	DB37 Extension Cable 3ft, beige, Male/Female  PN: 02688	1		
<input type="checkbox"/> <b>Red Tote</b> CablesToGo bag	Power connector, Wago 2-pole  PN: 734-102	4		
<input type="checkbox"/> <b>Red Tote</b> CablesToGo bag	Sensor panel accelerometer/gyro sensor boards  PN:	1		

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<b>Container</b>	<b>Part Name, Description, &amp; Number</b>	<b>Qty</b>	<b>Photo</b>	
<input type="checkbox"/>	<b>Red Tote</b> CablesToGo bag	Jumper female, 2-pin shunt, black or white  PN: 68786-102LF	4	
<input type="checkbox"/>	<b>Red Tote</b> CablesToGo bag	FisherPrice assy hardware 12VDC w/ 16 tooth pinion, -9015 motor  PN:	4	
<input type="checkbox"/>	<b>Red Tote</b> CablesToGo bag	Microswitch  PN: V7-2B17D8-048	2	
<input type="checkbox"/>	<b>Red Tote</b> CablesToGo bag	Power connector, cRio female, 4 poles  PN: CTF040V8	2	
<input type="checkbox"/>	<b>Red Tote</b> CablesToGo bag	Master Link for Chain #35 Link  PN:	4	
<input type="checkbox"/>	<b>Red Tote</b> CablesToGo bag	One-pitch link #35 Link  PN:	4	
<input type="checkbox"/>	<b>Red Tote</b> CablesToGo bag	Quick Disconnect, female 10-12ga, .250d, FASTON  PN: 4-520448-2	20	







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<input type="checkbox"/>	<b>Red Tote</b> CablesToGo bag	Quick Disconnect, female 16-14ga, .250d, FASTON  PN: 3-520408-2	10	
<input type="checkbox"/>	<b>Red Tote</b> CablesToGo bag	Quick Disconnect, male 12-10ga, .250d  PN: 4-521098-2	10	
<input type="checkbox"/>	<b>Red Tote</b> igus bag	DryLin N Linear Guide System  PN: NK02-40-2-610	1	
<input type="checkbox"/>	<b>Red Tote</b> igus bag	DryLin S Aluminum Shaft 24" Hard Anodized  PN: AWI-10	2	
<input type="checkbox"/>	<b>Red Tote</b> igus bag	Energy Chain Cable Carrier 1 meter  PN: 05-4-038-0	1	
<input type="checkbox"/>	<b>Red Tote</b> igus bag	Energy Chain Mounting Bracket Set  PN: 050-20-12	1	
<input type="checkbox"/>	<b>Red Tote</b> igus bag	iglide bearing  PN: JSI-1012-08	4	



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<input type="checkbox"/> <p><b>Red Tote</b> igus bag</p>	iglide bearing  PN: JFI-1012-08	4	
<input type="checkbox"/> <p><b>Red Tote</b> igus bag</p>	iglide bearing  PN: MTI-10	4	
<input type="checkbox"/> <p><b>Red Tote</b> igus bag</p>	iglide bearing  PN: MCI-06-02	4	
<input type="checkbox"/> <p><b>Red Tote</b> igus bag</p>	igubal Flange Bearing  PN: EFOI-10	2	
<input type="checkbox"/> <p><b>Red Tote</b> igus bag</p>	igubal Rod End Bearing  PN: EBRI-10R	2	
<input type="checkbox"/> <p><b>Red Tote</b> Loose</p>	Quick-Disconnect Battery Connector #6 wire pair, red & black, 12" tail  PN: 6331G1	4	
<input type="checkbox"/> <p><b>Red Tote</b> Loose</p>	Accumulator Volume tank, 2" bore by 6" long  PN: AVT-32-16	2	

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<input type="checkbox"/> <b>Red Tote</b>  Loose	Wire, 6AWG, Black, 5' 5', #6 AWG, Black  PN: M3391-101	1		
<input type="checkbox"/> <b>Red Tote</b>  Loose	Wire, 6AWG, Red, 5' 5', #6 AWG, Red  PN:	1		
<input type="checkbox"/> <b>Red Tote</b>  Loose	Window Motor - Left 12V DC  PN: 262100-3040	2		
<input type="checkbox"/> <b>Red Tote</b>  Loose	Window Motor - Right 12V DC  PN: 262100-3030	2		
<input type="checkbox"/> <b>Red Tote</b>  Loose	FisherPrice Gearbox 12VDC w/ 16 tooth pinion, -9015 motor  PN:	2		
<input type="checkbox"/> <b>Red Tote</b>  Loose	FisherPrice Motor 12VDC w/ 19 tooth pinion, -9015 motor  PN:	2		
<input type="checkbox"/> <b>Red Tote</b>  Loose	Relay Module (Spike) 12V, 20A Max  PN: SPIKE-RELAY-H	1		

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<input type="checkbox"/>	Red Tote Loose	Lead Screw w/ nut  PN: BZ8M16 X 15"	1	
<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	

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<input type="checkbox"/>	<b>Red Tote</b>  Loose	Main Regulator Mounting Kit Bracket and Nut  PN: 18-025-003	1	
<input type="checkbox"/>	<b>Red Tote</b>  Loose	Pressure Gauge 1/8" NPT, 0 - 160 psi  PN: 18-013-212	1	
<input type="checkbox"/>	<b>Red Tote</b>  Loose	Relief Valve 120 psi relief valve  PN: 16-004-011	1	
<input type="checkbox"/>	<b>Red Tote</b>  Loose	Coupler, Denso motor black, injection molded plastic, 6 tooth  PN: Denso-6	4	
<input type="checkbox"/>	<b>Red Tote</b>  Loose	Restoration Key (USB) 4GB SanDisk Cruzer preloaded w/ 2010 Classmate image  PN: SDCZ6-4096-A11	1	
<input type="checkbox"/>	<b>Red Tote</b>  Loose	Cable Assembly, Ethernet 2ft, gray  PN: 219241-2	1	
<input type="checkbox"/>	<b>Red Tote</b>  Loose	Wire, 18AWG, Black 5' length  PN:	1	

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<b>Container</b>	<b>Part Name, Description, &amp; Number</b>		<b>Qty</b>	<b>Photo</b>
<input type="checkbox"/>	<b>Red Tote</b>  Loose	Wire, 18AWG, Red 5' length  PN:	<b>1</b>	
<input type="checkbox"/>	<b>Red Tote</b>  Loose	2.5" CIM Motor 12V DC, 2.5" diameter  PN: FR801-001	<b>2</b>	
<input type="checkbox"/>	<b>Red Tote</b>  N/A	Red Tote  PN:	<b>1</b>	
<input type="checkbox"/>	<b>Rookie Kit</b>  Camera Bracket Kit	Axis Case  PN: MI-00016	<b>1</b>	
<input type="checkbox"/>	<b>Rookie Kit</b>  Camera Bracket Kit	Base  PN: MI-00015	<b>1</b>	
<input type="checkbox"/>	<b>Rookie Kit</b>  Camera Bracket Kit	Pan Plate  PN: MI-00013	<b>1</b>	
<input type="checkbox"/>	<b>Rookie Kit</b>  Camera Bracket Kit	Servo Brace  PN: MI-00014	<b>1</b>	








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<b>Container</b>	<b>Part Name, Description, &amp; Number</b>	<b>Qty</b>	<b>Photo</b>	
<input type="checkbox"/>	<b>Rookie Kit</b>  cRIO kit	Analog Input Module 8 analog inputs, $\pm 10$ V input range, 500 kS/s aggregate sampling rate, 12-bit resolution  PN: 9201	2	
<input type="checkbox"/>	<b>Rookie Kit</b>  cRIO Kit	compactRIO  PN: cRIO-FRC	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  cRIO Kit	Digital I/O Module 32-channel digital I/O, 5 V/TTL, sinking/sourcing digital I/O, 1000 Vrms transient isolation, $\pm 30$ V  PN: 9403	2	
<input type="checkbox"/>	<b>Rookie Kit</b>  cRIO Kit	Digital Sourcing Module 8-channel, 100 $\mu$ s digital output, 6 to 30 V range, sourcing digital output  PN: 9472	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	Camera, Axis 206 206 color camera, MJPEG, 16MB RAM, 4MB Flash, 4mm lens, F2.0  PN: 288635	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	Battery Charger 12V, 6Amp automatic  PN: SC-600A	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	DB37 Extension Cable 3ft, beige, Male/Female  PN: 02688	1	

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<b>Container</b>	<b>Part Name, Description, &amp; Number</b>	<b>Qty</b>	<b>Photo</b>	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	Analog Breakout  PN: A003266 / am-0267	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	Digital SideCar  PN: A003333 / am-0266	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	Solenoid Breakout  PN: A003265 / am-0268	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	CD - Basic Electronic Measurement  PN:	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	Digital Multimeter  PN: 2100135D	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	Air Compressor 12VDC  PN: 405ADC38/12	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	Servo 42 oz./in. peak torque, 0.19 sec./60°  PN: HS-322HD	2	








<b>2010 Kit of Parts - Checklist</b>				
<b>Container</b>	<b>Part Name, Description, &amp; Number</b>	<b>Qty</b>	<b>Photo</b>	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	Servo 42 oz./in. peak torque, 0.19 sec./60°  PN: HS-322HD	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	Relay Module (Spike) 12V, 20A Max  PN: SPIKE-RELAY-H	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	Speed Controller (Victor 884) VICTOR-884-12-12  PN: FR-VIC884	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	Radio, Driver Station WRT160N  PN: WRT160N	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	Speed Controller (Jaguar) Stellaris Brushed DC motor  PN: MDL-BDC	2	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	NI Rookie packet #4 screw size  PN:	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	Joystick, Attack 3 11 programmable buttons, USB, symmetrical handle  PN: 963291-0403	2	









<b>2010 Kit of Parts - Checklist</b>				
<b>Container</b>	<b>Part Name, Description, &amp; Number</b>		<b>Qty</b>	<b>Photo</b>
<input type="checkbox"/>	<b>Rookie Kit</b>  Loose	Radio, Robot  Dual-Band Wireless-N Gaming Adapter (includes adapter, ethernet cable, etc)  PN: WGA600N	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Rookie Hardware	standoff, male/female (for DS and DSC)  4-40, 0.187' long  PN: 219-1048	2	
<input type="checkbox"/>	<b>Rookie Kit</b>  Rookie Hardware	Power connector, Wago  2-pole  PN: 734-102	2	
<input type="checkbox"/>	<b>Rookie Kit</b>  Rookie Hardware	Nut, bracket assembly  4-40, keps  PN: 1137403	16	
<input type="checkbox"/>	<b>Rookie Kit</b>  Rookie Hardware	Nut, camera pivot  8-32, nylock  PN: 1170856	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Rookie Hardware	Screw, camera pivot  8-32, 3/8"  PN: 1172396	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Rookie Hardware	Screw, hex, servo mount  4-40, 1/2", low profile  PN: 0170662	4	

<b>2010 Kit of Parts - Checklist</b>				
<b>Container</b>	<b>Part Name, Description, &amp; Number</b>		<b>Qty</b>	<b>Photo</b>
<input type="checkbox"/>	<b>Rookie Kit</b>  Rookie Hardware	Screw, horn/bracket assembly 4-40, 3/8"  PN: 1172482	<b>8</b>	
<input type="checkbox"/>	<b>Rookie Kit</b>  Rookie Hardware	Screw, servo mounting 4-40, 3/4"  PN: 1128667	<b>4</b>	
<input type="checkbox"/>	<b>Rookie Kit</b>  Rookie Hardware	Nylon spacer 1/4"  PN: 252805	<b>4</b>	
<input type="checkbox"/>	<b>Rookie Kit</b>  Rookie Hardware	spring lock washer #4 screw size  PN: 91102A720	<b>4</b>	
<input type="checkbox"/>	<b>Separate</b>	Double solenoid valve 24V DC solenoid double valve  PN: VUVG-L10-B52-T-M5-1P3-566458	<b>1</b>	
<input type="checkbox"/>	<b>Separate</b>	Gloves, pair, Large  Leather Palm, Suede Cowhide, Cotton Back, Straight Thumb, Elastic Wrist, Rubberized Cuff  PN: 2AL54	<b>1</b>	
<input type="checkbox"/>	<b>Separate</b>	Gloves, pair, Medium  Leather Palm, Suede Cowhide, Cotton Back, Straight Thumb, Elastic Wrist, Rubberized Cuff  PN: 2BC74	<b>1</b>	

## 2010 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	<p><b>Separate</b></p> <p>Secondary Regulator</p> <p>PN: 101-3002-1</p>	1	
<input type="checkbox"/>	<p><b>Separate</b></p> <p>Secondary Regulator Bracket Mounting bracket</p> <p>PN: 13536</p>	1	
<input type="checkbox"/>	<p><b>Separate</b></p> <p>Main Regulator, adjustable</p> <p>PN: R07-100-RNEA</p>	1	
<input type="checkbox"/>	<p><b>Separate</b></p> <p>Brass bag</p> <p>PN: PKT12326</p>	1	
<input type="checkbox"/>	<p><b>Separate</b></p> <p>Panel signal device 12V Light</p> <p>PN: 855PB-B12ME522</p>	1	
<input type="checkbox"/>	<p><b>Virtual</b></p> <p>Altium Designer</p> <p>The 12-month license from Altium Designer, is available at <a href="http://www.altium.com/frc2010/">http://www.altium.com/frc2010/</a></p> <p>PN:</p>	1	
<input type="checkbox"/>	<p><b>Virtual</b></p> <p>Autodesk Software Tools</p> <p><a href="http://www.autodesk.com/first">www.autodesk.com/first</a></p> <p>PN:</p>	1	
<input type="checkbox"/>	<p>N/A</p>		

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