








2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark C-Base Kit 1 PN: am-1058	32	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark C-Base Kit 1 PN: am-1053	4	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark C-Base Kit 1 PN: am-1015	36	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark C-Base Kit 1 PN: am-1027	4	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark C-Base Kit 2 PN: am-1054	6	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark C-Base Kit 2 PN: am-1055	6	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark C-Base Kit 3 PN: am-0755	6	

2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark C-Base Kit 3 PN: am-0754	6	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark Bearing Kit PN: am-0209	12	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark C-Base Kit 3 PN: am-1182	4	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark CIMple Box Kit PN: am-0741	4	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark CIMple Box Kit PN: am-0738	2	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark CIMple Box Kit PN: am-0739	2	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark CIMple Box Kit PN: am-0742	2	

2011 Kit of Parts - Checklist




Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/> AndyMark Drive Base Kit AndyMark CIMple Box Kit 2	FR8ZZ bearing - 1/2" id flanged, shielded ball 1/CIMple Box x 2 CIMple Boxes/FRC kit = 2 total PN: am-0030	2	
<input type="checkbox"/> AndyMark Drive Base Kit AndyMark CIMple Box Kit 2	Output shaft 1/CIMple Box x 2 CIMple Boxes/FRC kit = 2 total 1/2" D w/ 1/8" keyway, 4140 steel PN: am-0740	2	
<input type="checkbox"/> AndyMark Drive Base Kit AndyMark CIMple Box Kit 2	R6ZZ bearing, 3/8" ID, shielded 1/CIMple Box x 2 CIMple Boxes/FRC kit = 2 total PN: am-0516	2	
<input type="checkbox"/> AndyMark Drive Base Kit AndyMark CIMple Box Kit 3	1/4" washer 1/CIMple Box x 2 CIMple Boxes = 2 total PN: am-1027	2	
<input type="checkbox"/> AndyMark Drive Base Kit AndyMark CIMple Box Kit 3	#10-32 Nylock Nut 4/CIMple Box x 2 CIMple Boxes/FRC kit = 8 total PN: am-1042	8	
<input type="checkbox"/> AndyMark Drive Base Kit AndyMark CIMple Box Kit 3	#10-32 x 5/8" SHCS w/ nylon thread lock patch 8/CIMple Box x 2 CIMple Boxes/FRC kit = 16 total PN: am-1120	16	
<input type="checkbox"/> AndyMark Drive Base Kit AndyMark CIMple Box Kit 4	1/4-20 x 1/2 BHCS 1/CIMple Box x 2 CIMple Boxes/FRC kit = 2 total PN: am-1039	2	

2011 Kit of Parts - Checklist








Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark CIMple Box Kit 4 PN: am-1043	2	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark CIMple Box Kit 4 PN: am-1121	2	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark CIMple Box Kit 4 PN: am-0033	4	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark CIMple Box Kit 4 PN: am-0448	2	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark Screw Kit PN: am-1123	12	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark Sprocket & Spacer Kit PN: am-1181	2	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark Sprocket & Spacer Kit PN: am-0368	2	

2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark Sprocket & Spacer Kit PN: am-0763	2	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark Sprocket & Spacer Kit PN: am-0736	2	
<input type="checkbox"/>	AndyMark Drive Base Kit AndyMark Sprocket & Spacer Kit PN: am-0737	2	
<input type="checkbox"/>	AndyMark Drive Base Kit Loose PN: am-0202	6	
<input type="checkbox"/>	AndyMark Drive Base Kit Loose PN: am-0367	1	
<input type="checkbox"/>	AndyMark Drive Base Kit Loose PN: am-0212	8	
<input type="checkbox"/>	AndyMark Drive Base Kit Loose PN: am-0756	2	

2011 Kit of Parts - Checklist				
Container	Part Name, Description, & Number	Qty	Photo	
<input type="checkbox"/> AndyMark Drive Base Kit Loose	User Guide PN: N/A	1		
<input type="checkbox"/> AndyMark Drive Base Kit Loose	2011 FIRST wheel, rubber tread 8" Diameter PN: am-0420	6		
<input type="checkbox"/> AndyMark Drive Base Kit Loose	Battery Plug PN: AM-0122	4		
<input type="checkbox"/> AndyMark Drive Base Kit Loose	AndyMark Sticker PN: N/A	1		
<input type="checkbox"/> Black Tote BaneBots box	Motor, RS-395 PN: RS-395	1		
<input type="checkbox"/> Black Tote BaneBots box	Motor, RS-540 PN: RS-540	1		
<input type="checkbox"/> Black Tote BaneBots box	Motor, RS-550 PN: RS-550	1		

2011 Kit of Parts - Checklist








Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/> Black Tote BaneBots box	Motor, RS-775 PN: RS-775	1	
<input type="checkbox"/> Black Tote Breaker Bag	20Amp circuit breaker auto-reset PN: VB3-A20-F57	5	
<input type="checkbox"/> Black Tote Breaker Bag	30Amp circuit breaker auto-reset PN: VB3-A30-F57	2	
<input type="checkbox"/> Black Tote Breaker Bag	40Amp circuit breaker auto-reset PN: MX5-A40	4	
<input type="checkbox"/> Black Tote Gates pack	Belt sprocket, 1/4" bore, aluminum PN: 20-5M15-6FA3	1	
<input type="checkbox"/> Black Tote Gates pack	Belt sprocket, 1/4" bore, aluminum PN: 15-5M15-6FA3	2	
<input type="checkbox"/> Black Tote Gates pack	Belt sprocket, 1/4" bore, aluminum PN: 30-5M15-6FA3	1	

2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/> Black Tote Gates pack	Belt, large loop PN: 12705M15	1	
<input type="checkbox"/> Black Tote Gates pack	Belt, small loop PN: 5005M15	1	
<input type="checkbox"/> Black Tote Gates pack	Gates brochure PN: N/A	1	
<input type="checkbox"/> Black Tote igus bag	DryLin N Linear Guide System PN: NK02-40-2-610	1	
<input type="checkbox"/> Black Tote igus bag	DryLin S Aluminum Shaft 24" Hard Anodized PN: AWI-10	2	
<input type="checkbox"/> Black Tote igus bag	Energy Chain Cable Carrier 1 meter PN: 05-4-038-0	1	
<input type="checkbox"/> Black Tote igus bag	Energy Chain Mounting Bracket Set PN: 050-20-12	1	

2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/> Black Tote igus bag	iglide bearing PN: JSI-1012-08	4	
<input type="checkbox"/> Black Tote igus bag	iglide bearing PN: JFI-1012-08	4	
<input type="checkbox"/> Black Tote igus bag	iglide bearing PN: MTI-10	4	
<input type="checkbox"/> Black Tote igus bag	iglide bearing PN: MCI-06-02	4	
<input type="checkbox"/> Black Tote igus bag	igubal Flange Bearing PN: EFOI-10	2	
<input type="checkbox"/> Black Tote igus bag	igubal Rod End Bearing PN: EBRI-10R	2	
<input type="checkbox"/> Black Tote Loose	Quick-Disconnect Battery Connector #6 wire pair, red & black, 12" tail PN: 6331G1	4	

2011 Kit of Parts - Checklist				
Container	Part Name, Description, & Number	Qty	Photo	
<input type="checkbox"/>	Black Tote Loose PN: AM802-001A	2.5" CIM Motor 12V DC, 2.5" diameter	2	
<input type="checkbox"/>	Black Tote Loose PN:	Autodesk software Flyer	1	
<input type="checkbox"/>	Black Tote Loose PN: BM-M092CS	Terminal blocks 12 pole w/ wire protector	2	
<input type="checkbox"/>	Black Tote Loose PN: KPA4CUNPL	Terminal Lug (bag of 8) 6-14 ga solderless lug, mechanical	1	
<input type="checkbox"/>	Black Tote Loose PN: YAZV6CTC14FX	Terminal Lug (bag of 8) 6-14 ga solderless lug, compression, copper	1	
<input type="checkbox"/>	Black Tote Loose PN: CT18075C	Tie wraps, 4" UNIRAP, 4", 100 ct	1	
<input type="checkbox"/>	Black Tote Loose PN: CT50175C	Tie wraps, 8" UNIRAP, 8", 100 ct	1	

2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Black Tote Accumulator Volume tank, 2" bore by 12" long PN: AVT-32-32	1	
<input type="checkbox"/>	Black Tote Power Converter 360 CPR PN:	1	
<input type="checkbox"/>	Black Tote Wire, 10AWG, Black 10' length PN:	1	
<input type="checkbox"/>	Black Tote Wire, 10AWG, Red 10' length PN:	1	
<input type="checkbox"/>	Black Tote Wire, 14AWG, Black 10' length PN:	1	
<input type="checkbox"/>	Black Tote Wire, 14AWG, Red 10' length PN:	1	
<input type="checkbox"/>	Black Tote Wire, 6AWG, Black, 5' 5', #6 AWG, Black PN: M3391-101	1	

2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/> Black Tote Loose	Wire, 6AWG, Red, 5' 5', #6 AWG, Red PN:	1	
<input type="checkbox"/> Black Tote Loose	Window Motor - Left 12V DC PN: 262100-3040	2	
<input type="checkbox"/> Black Tote Loose	Window Motor - Right 12V DC PN: 262100-3030	2	
<input type="checkbox"/> Black Tote Loose	Compact Fan (Large) 12 Vdc PN: 4212	2	
<input type="checkbox"/> Black Tote Loose	Compact fan (mini) 12 Vdc PN: 412	6	
<input type="checkbox"/> Black Tote Loose	FisherPrice Gearbox 12VDC w/ 16 tooth pinion, -9015 motor PN:	1	
<input type="checkbox"/> Black Tote Loose	FisherPrice Motor 12VDC w/ 19 tooth pinion, 00801-0673 motor PN: 00801-0673	1	

2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Black Tote Loose Pnuematic tubing (1/4 OD x 0.160 ID) x 50' length PN: 1J-151-48P-FW	1	
<input type="checkbox"/>	Black Tote Loose Radio, Robot PN: DAP-1522	1	
<input type="checkbox"/>	Black Tote Loose Gloves, pair, Men's String Seamless Knit Glove, Size Mens, 100% Cotton, Standard Weight, Washable, PN: 2AJ81 or 3AN23	1	
<input type="checkbox"/>	Black Tote Loose Teflon tape roll, 1/4" x 520' PN:	1	
<input type="checkbox"/>	Black Tote Loose Relay Module (Spike) 12V, 20A Max PN: SPIKE-RELAY-H	1	
<input type="checkbox"/>	Black Tote Loose Latex Tubing 0.125" ID x 0.094" thickness x 5' L PN:	2	
<input type="checkbox"/>	Black Tote Loose Lead Screw w/ nut PN: BZ8M16 X 15"	1	


2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Black Tote Loose Pressure Switch Opens 115psi, Closes 95psi PN: SM-2B-115R/443	1	
<input type="checkbox"/>	Black Tote Loose LabVIEW for FRC PN:	1	
<input type="checkbox"/>	Black Tote Loose Main Regulator Mounting Kit Bracket and Nut PN: 18-025-003	1	
<input type="checkbox"/>	Black Tote Loose Main Regulator, adjustable PN: R07-100-RNEA	1	
<input type="checkbox"/>	Black Tote Loose Pressure Gauge 1/8" NPT, 0 - 160 psi PN: 18-013-212	1	
<input type="checkbox"/>	Black Tote Loose Black Tote PN:	1	
<input type="checkbox"/>	Black Tote Loose 2-wire jumper cable 24" PN: 03203	5	






2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/> Black Tote Loose	Coupler, Denso motor black, injection molded plastic, 6 tooth PN: Denso-6	4	
<input type="checkbox"/> Black Tote Loose	PTC Software Package PN:	1	
<input type="checkbox"/> Black Tote Loose	RC Extension cable 36", 22AWG wire, male/female PN: RC-218FJ36 (mod'd, keys & covers removed)	8	
<input type="checkbox"/> Black Tote Loose	Cable Assembly, Enet Xover 5ft CAT5E 350 MHz Cross Over UTP Snagless Patch Cable, Gray PN: 10X5-33205	1	
<input type="checkbox"/> Black Tote Loose	DB37 Extension Cable 3ft, beige, Male/Female PN: D720-03	1	
<input type="checkbox"/> Black Tote Loose	Circuit Breaker 120A, Automotive style PN: CB3-SM-120	1	
<input type="checkbox"/> Black Tote Loose	Speed Controller (Black Jaguar) Stellaris Brushed DC motor PN: MDL-BDC24	2	

2011 Kit of Parts - Checklist







Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	Black Tote Loose PN:	2	
<input type="checkbox"/>	Black Tote Loose PN: A003266 / am0267	1	
<input type="checkbox"/>	Black Tote Loose PN: A003333 / am-0266	1	
<input type="checkbox"/>	Black 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"/>	Black Tote Loose Cable Assembly, Ethernet Assorted Colors and Lengths PN: Various	1	
<input type="checkbox"/>	Black Tote N/A Blue Square PN:	1	
<input type="checkbox"/>	Black Tote N/A Red Triangle PN:	1	







2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/> Black Tote N/A	White Circle PN:	1	
<input type="checkbox"/> Black Tote N/A	Photo sensor PN:	3	
<input type="checkbox"/> Black Tote Parker Brass Bag	Adapter, 1/4" female to 1/8" male npt PN: 222P-4-2	5	
<input type="checkbox"/> Black Tote Parker Brass Bag	Bushing, 1/8" female to 1/4" male npt PN: 209P-4-2	8	
<input type="checkbox"/> Black Tote Parker Brass Bag	Hex nipple, 1/8" npt PN: 216P-2	5	
<input type="checkbox"/> Black Tote Parker Brass Bag	Micro valve female pipe PN: MV709-2	1	
<input type="checkbox"/> Black Tote Parker Brass Bag	Plug, 1/4" PN: 218P-4	5	




2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/> <p>Black Tote</p> <p>Parker Brass Bag</p>	<p>Plug, 1/8"</p> <p>PN: 218P-2</p>	5	
<input type="checkbox"/> <p>Black Tote</p> <p>Parker Brass Bag</p>	<p>Union Tee</p> <p>PN: 2203P-2</p>	3	
<input type="checkbox"/> <p>Black Tote</p> <p>Ruland Bag</p>	<p>Steel Clamp Shaft Collar</p> <p>1/4" ID 5/8" OD Clamp Shaft Collar</p> <p>PN: CL-4-F</p>	1	
<input type="checkbox"/> <p>Black Tote</p> <p>Ruland Bag</p>	<p>Steel Clamp Shaft Collar</p> <p>3/8" ID 7/8" OD Clamp Shaft Collar</p> <p>PN: CL-6-F</p>	1	
<input type="checkbox"/> <p>Black Tote</p> <p>Ruland Bag</p>	<p>Steel Set-Screw Shaft Collar</p> <p>1/4" ID 1/2" OD Shaft Collar</p> <p>PN: SC-4-F</p>	2	
<input type="checkbox"/> <p>Black Tote</p> <p>Ruland Bag</p>	<p>Steel Set-Screw Shaft Collar</p> <p>3/8" ID 3/4" OD Shaft Collar</p> <p>PN: SC-6-F</p>	2	
<input type="checkbox"/> <p>Black Tote</p> <p>Ruland Bag</p>	<p>Steel Set-Screw Shaft Collar</p> <p>1/2" ID 1" OD Shaft Collar</p> <p>PN: SC-8-F</p>	2	

2011 Kit of Parts - Checklist				
Container	Part Name, Description, & Number		Qty	Photo
<input type="checkbox"/>	Black Tote Scholarship Envelope	Scholarship Flyer PN:	1	
<input type="checkbox"/>	Black Tote Scholarship Envelope	2GoPC - sticker PN:	1	
<input type="checkbox"/>	Black Tote Scholarship Envelope	Anderson Power Products - connector spec sheet PN:	1	
<input type="checkbox"/>	Black Tote Scholarship Envelope	Anderson Power Products - sticker PN:	1	
<input type="checkbox"/>	Black Tote Scholarship Envelope	Dreamspark Information PN:	1	
<input type="checkbox"/>	Black Tote Scholarship Envelope	NI Supplier Recognition Card PN:	1	
<input type="checkbox"/>	Black Tote Scholarship Envelope	WindRiver Software Bundle PN:	1	

2011 Kit of Parts - Checklist				
Container	Part Name, Description, & Number		Qty	Photo
<input type="checkbox"/>	Black Tote Scholarship Envelope	Java Postcard Flyer PN:	1	
<input type="checkbox"/>	Black Tote Scholarship Envelope	RoboTics Sticker Stellaris Brushed DC motor PN:	1	
<input type="checkbox"/>	Black Tote Small parts bag	Rotary magnetic encoder, board PN: AS5030	2	
<input type="checkbox"/>	Black Tote Small parts bag	Rotary magnetic encoder, magnet packed with encoder boards PN:	2	
<input type="checkbox"/>	Black Tote Small parts bag	Linear Encoder board PN: AS5304	1	
<input type="checkbox"/>	Black Tote Small parts bag	Magnet Strip packed with encoder board PN:	1	
<input type="checkbox"/>	Black Tote Small Parts Bag	Power connector, Wago 2-pole PN: 734-102	4	

2011 Kit of Parts - Checklist






Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/> Black Tote Small parts bag	Jumper female, 2-pin shunt, black or white PN: 68786-102LF	4	
<input type="checkbox"/> Black Tote Small parts bag	FisherPrice assy screws PN:	2	
<input type="checkbox"/> Black Tote Small Parts Bag	Microswitch PN: V7-2B17D8-048	2	
<input type="checkbox"/> Black Tote Small Parts Bag	Breakout mounting hardware, 4-40 x 0.75" PN: 92196A113	6	
<input type="checkbox"/> Black Tote Small Parts Bag	standoff, male/female (for DSC) 4-40, 0.187' long PN: 219-1048	2	
<input type="checkbox"/> Black Tote Small parts bag	Reflective Material Glass bead sew on reflective tape, 50 mm wide, 3' length PN: GP010	1	
<input type="checkbox"/> Black Tote Small parts bag	Power connector, cRio female, 4 poles PN: CTF040V8	2	

2011 Kit of Parts - Checklist







Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/> Black Tote Terminal bag	Quick Disconnect, female 10-12ga, .250d, FASTON PN: 4-520448-2	14	
<input type="checkbox"/> Black Tote Terminal bag	Quick Disconnect, female 16-14ga, .250d, FASTON PN: 3-520408-2	8	
<input type="checkbox"/> Black Tote Terminal bag	Quick Disconnect, male 12-10ga, .250d PN: 4-521098-2	8	
<input type="checkbox"/> Black Tote Terminal bag	Ring Terminal #6ga- 1/4" stud, Plasti-Grip PN: 52042-3	2	
<input type="checkbox"/> Black Tote Terminal bag	Ring Terminal 12-10ga Ring Lugs, PIDG PN: 35149	10	
<input type="checkbox"/> Black Tote Terminal bag	Ring Terminal PIDG, #6 stud, 16-14AWG PN: 320619	10	
<input type="checkbox"/> Black Tote Terminal bag	Spade terminal PIDG, #8 stud, 12-10 AWG PN: 32588	16	








2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/> Black Tote Triangle Bag	Custom Linkage Left Hand PN: AL8312	1	
<input type="checkbox"/> Black Tote Triangle Bag	Custom Linkage Right Hand PN: AL8313	1	
<input type="checkbox"/> Black Tote Triangle Bag	Flange Mount 3/8" Bronze Bearing PN: FM1406	2	
<input type="checkbox"/> Black Tote Triangle Bag	Flange Mount 5/8" Bronze Bearing PN: FM1410	2	
<input type="checkbox"/> Black Tote Triangle Bag	Shaft Collar 5/8" ID 1.125 OD Set Screw Shaft Collar PN: SC-10	2	
<input type="checkbox"/> Black Tote US Digital pack	4-pin encoder connector 26AWG wire PN: CA-MIC4-W4-NC-1	2	
<input type="checkbox"/> Black Tote US Digital pack	Encoder - Codewheel 360 CPR PN: E4P-360-250-S4149	2	

2011 Kit of Parts - Checklist				
Container	Part Name, Description, & Number	Qty	Photo	
<input type="checkbox"/>	Black Tote US Digital pack	Encoder - Cover 360 CPR PN: E4P-360-250-S4149	2	
<input type="checkbox"/>	Black Tote US Digital pack	Encoder - Installation Tool 360 CPR PN: E4P-360-250-S4149	1	
<input type="checkbox"/>	Black Tote US Digital pack	Encoder -Base 360 CPR PN: E4P-360-250-S4149	2	
<input type="checkbox"/>	Rookie Kit Camera Bracket Kit	Axis Case PN: MI-00016-M10	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	







2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/> Rookie Kit cRIO Kit	Gasket Kit (for cRIO) PN:	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	
<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 μ s digital output, 6 to 30 V range, sourcing digital output PN: 9472	1	
<input type="checkbox"/> Rookie Kit Loose	Camera power adapter 206 color camera, MJPEG, 16MB RAM, 4MB Flash, 4mm lens, F2.0 PN:	1	
<input type="checkbox"/> Rookie Kit Loose	Camera, Axis M1011 206 color camera, MJPEG, 16MB RAM, 4MB Flash, 4mm lens, F2.0 PN: 288635	1	


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Container	Part Name, Description, & Number		Qty	Photo
<input type="checkbox"/>	Rookie Kit Loose	Battery Charger 12V, 6Amp automatic PN: SC-600A	1	
<input type="checkbox"/>	Rookie Kit Loose	FirstTouch I/O Module PN: CY8CKIT-003	1	
<input type="checkbox"/>	Rookie Kit Loose	E-Stop Button PN: am-0515	1	
<input type="checkbox"/>	Rookie Kit Loose	Double solenoid valve 24V DC solenoid double valve PN: VUVG-L10-B52-T-M5-1P3-566458	1	
<input type="checkbox"/>	Rookie Kit Loose	Gloves, pair, Men's String Seamless Knit Glove, Size Mens, 100% Cotton, Standard Weight, Washable, PN: 2AJ81 or 3AN23	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	








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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	Classmate PC Clamshell netbook PN: NBC2GO89A	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	Relief Valve 120 psi relief valve PN: 16-004-011	1	
<input type="checkbox"/> Rookie Kit Loose	Green Tote PN:	1	
<input type="checkbox"/> Rookie Kit Loose	DB37 Extension Cable 3ft, beige, Male/Female PN: D720-03	1	
<input type="checkbox"/> Rookie Kit Loose	USB 4-port hub Super Mini USB 2.0 4-Port Hub PN: ACH63US	1	

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Container	Part Name, Description, & Number		Qty	Photo
<input type="checkbox"/>	Rookie Kit Loose	Speed Controller (Black Jaguar) Stellaris Brushed DC motor PN: MDL-BDC24	2	
<input type="checkbox"/>	Rookie Kit Loose	Analog Breakout PN: A003266 / am-0267	1	
<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	Breadboard 2.14" x 6.5" PN: TW-E40-1020	1	
<input type="checkbox"/>	Rookie Kit Loose	Air Compressor & Mounting Kit 90C Compressor PN: 00090	1	
<input type="checkbox"/>	Rookie Kit Small parts bag	standoff, male/female (for DSC) 4-40, 0.187' long PN: 219-1048	4	

2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/> Rookie Kit Small Parts Bag	Power connector, Wago 2-pole PN: 734-102	2	
<input type="checkbox"/> Rookie Kit Small Parts Bag	spring lock washer #4 screw size PN: 91102A720	4	
<input type="checkbox"/> Rookie Kit Small Parts Bag	CTL Screw PN:	1	
<input type="checkbox"/> Rookie Kit Small Parts Bag	Nut, bracket assembly 4-40, keps PN: 90675A005	16	
<input type="checkbox"/> Rookie Kit Small Parts Bag	Nut, camera pivot 8-32, nylock PN: 90631A009	1	
<input type="checkbox"/> Rookie Kit Small Parts Bag	Nylon spacer 1/4" PN: 94639A201	4	
<input type="checkbox"/> Rookie Kit Small Parts Bag	Screw, camera pivot 8-32, 3/8" PN: 90272A192	1	

2011 Kit of Parts - Checklist				
Container	Part Name, Description, & Number	Qty	Photo	
<input type="checkbox"/>	Rookie Kit Small Parts Bag	Screw, hex, servo mount 4-40, 1/2", low profile PN: 92314A110	4	
<input type="checkbox"/>	Rookie Kit Small Parts Bag	Screw, horn/bracket assembly 4-40, 3/8" PN: 90272A108	8	
<input type="checkbox"/>	Rookie Kit Small Parts Bag	Screw, servo mounting 4-40, 3/4" PN: 90272A113	4	
<input type="checkbox"/>	Separate Item Loose	Secondary Regulator PN: 101-3002-1	1	
<input type="checkbox"/>	Separate Item Loose	Secondary Regulator Bracket Mounting bracket PN: 13536	1	
<input type="checkbox"/>	Separate Item N/A	Battery (<u>ROOKIE</u>) 12 volt, 18 AH, Non-Spillable PN: NP18-12	2	
<input type="checkbox"/>	Separate Item N/A	Battery (<u>VETERAN</u>) 12 volt, 18 AH, Non-Spillable PN: NP18-12	1	

2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	<p>Separate Item</p> <p>N/A</p>	<p>USB Key for 2010 Classmates (VETERANS)</p> <p>8GB SanDisk Cruzer preloaded w/ 2011 Classmate image</p> <p>PN:</p>	<p>1</p> 
<input type="checkbox"/>	<p>Separate Item</p> <p>N/A</p>	<p>USB Key for 2011 Classmates (ROOKIES)</p> <p>8GB SanDisk Cruzer preloaded w/ 2011 Classmate image</p> <p>PN:</p>	<p>1</p> 
<input type="checkbox"/>	<p>Separate Item</p> <p>N/A</p>	<p>Panel signal device</p> <p>12V Light</p> <p>PN: 855PB-B12ME522</p>	<p>1</p> 
<input type="checkbox"/>	<p>Separate Item</p> <p>N/A</p>	<p>Sensor panel</p> <p>accelerometer/gyro sensor boards</p> <p>PN:</p>	<p>1</p> 
<input type="checkbox"/>	<p>Virtual</p> <p>N/A</p>	<p>Altium Designer</p> <p>The 12-month license from Altium Designer, is available at http://www.altium.com/frc2010/</p> <p>PN:</p>	<p>1</p> 
<input type="checkbox"/>	<p>Virtual</p> <p>N/A</p>	<p>Bimba Cylinders - custom order</p> <p>The order form for the cylinders/rotary actuators is at www.bimba.com.</p> <p>PN:</p>	<p>3</p> 
<input type="checkbox"/>	<p>Virtual</p> <p>N/A</p>	<p>Gates belting - custom order</p> <p>Gates will provide up to 3 belts per team. The order form is available at www.gates.com/FIRST</p> <p>PN:</p>	<p>1</p> 