








## 2011 Kit of Parts - Checklist

	Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark C-Base Kit 1	1/4-20 x 1.75" SHCS  PN: am-1058	32	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark C-Base Kit 1	1/4-20 x 5/8" SHCS  PN: am-1053	4	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark C-Base Kit 1	1/4-20 nylock nut  PN: am-1015	36	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark C-Base Kit 1	1/4" ID washer  PN: am-1027	4	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark C-Base Kit 2	3/8-16 Nylock Nut  PN: am-1054	6	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark C-Base Kit 2	3/8-16 x 7" hex head screw  PN: am-1055	6	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark C-Base Kit 3	1940 x 375 Spacer  PN: am-0755	6	

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<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark C-Base Kit 3  PN: am-0754	6	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark Bearing Kit  PN: am-0209	12	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark C-Base Kit 3  PN: am-1182	4	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark CIMple Box Kit  PN: am-0741	4	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark CIMple Box Kit  PN: am-0738	2	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark CIMple Box Kit  PN: am-0739	2	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark CIMple Box Kit  PN: am-0742	2	

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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	

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<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b> AndyMark CIMple Box Kit 4 <b>PN: am-1043</b>	2	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b> AndyMark CIMple Box Kit 4 <b>PN: am-1121</b>	2	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b> AndyMark CIMple Box Kit 4 <b>PN: am-0033</b>	4	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b> AndyMark CIMple Box Kit 4 <b>PN: am-0448</b>	2	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b> AndyMark Screw Kit <b>PN: am-1123</b>	12	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b> AndyMark Sprocket & Spacer Kit <b>PN: am-1181</b>	2	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b> AndyMark Sprocket & Spacer Kit <b>PN: am-0368</b>	2	








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<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark Sprocket & Spacer Kit	595 x 500 Spacer  PN: am-0763	2	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark Sprocket & Spacer Kit	S35-12 DHE Sprocket  PN: am-0736	2	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  AndyMark Sprocket & Spacer Kit	S35-26 LE Sprocket  PN: am-0737	2	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  Loose	C-Channel  PN: am-0202	6	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  Loose	Chain, #35, ANSI 10' length  PN: am-0367	1	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  Loose	Corner Connect  PN: am-0212	8	
<input type="checkbox"/>	<b>AndyMark Drive Base Kit</b>  Loose	Cross hex tube, 500  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	








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

## 2011 Kit of Parts - Checklist

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

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



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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	

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<input type="checkbox"/>	<b>Black Tote</b>  Loose  PN:	2	
<input type="checkbox"/>	<b>Black Tote</b>  Loose  PN: A003266 / am0267	1	
<input type="checkbox"/>	<b>Black Tote</b>  Loose  PN: A003333 / am-0266	1	
<input type="checkbox"/>	<b>Black Tote</b>  Loose  Power Distribution Board 8 40A outputs, 12 20/30A outputs, 5V, 12V, & 24V regulated outputs  PN: A003206 / am-0265	1	
<input type="checkbox"/>	<b>Black Tote</b>  Loose  Cable Assembly, Ethernet Assorted Colors and Lengths  PN: Various	1	
<input type="checkbox"/>	<b>Black Tote</b>  N/A  Blue Square  PN:	1	
<input type="checkbox"/>	<b>Black Tote</b>  N/A  Red Triangle  PN:	1	







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<input type="checkbox"/>	<b>Black Tote</b>  N/A  PN:	1	
<input type="checkbox"/>	<b>Black Tote</b>  N/A  PN:	3	
<input type="checkbox"/>	<b>Black Tote</b>  Parker Brass Bag  PN: 222P-4-2	5	
<input type="checkbox"/>	<b>Black Tote</b>  Parker Brass Bag  PN: 209P-4-2	8	
<input type="checkbox"/>	<b>Black Tote</b>  Parker Brass Bag  PN: 216P-2	5	
<input type="checkbox"/>	<b>Black Tote</b>  Parker Brass Bag  PN: MV709-2	1	
<input type="checkbox"/>	<b>Black Tote</b>  Parker Brass Bag  PN: 218P-4	5	

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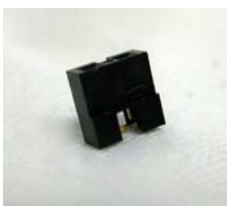






Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/> <p><b>Black Tote</b></p> <p>Parker Brass Bag</p>	<p>Plug, 1/8"</p> <p>PN: 218P-2</p>	<p><b>5</b></p>	
<input type="checkbox"/> <p><b>Black Tote</b></p> <p>Parker Brass Bag</p>	<p>Union Tee</p> <p>PN: 2203P-2</p>	<p><b>3</b></p>	
<input type="checkbox"/> <p><b>Black Tote</b></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>	<p><b>1</b></p>	
<input type="checkbox"/> <p><b>Black Tote</b></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>	<p><b>1</b></p>	
<input type="checkbox"/> <p><b>Black Tote</b></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>	<p><b>2</b></p>	
<input type="checkbox"/> <p><b>Black Tote</b></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>	<p><b>2</b></p>	
<input type="checkbox"/> <p><b>Black Tote</b></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>	<p><b>2</b></p>	

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



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	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	

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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	








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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	

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<b>Container</b>	<b>Part Name, Description, &amp; Number</b>		<b>Qty</b>	<b>Photo</b>
<input type="checkbox"/>	<b>Black Tote</b>  US Digital pack	Encoder - Cover 360 CPR  PN: E4P-360-250-S4149	2	
<input type="checkbox"/>	<b>Black Tote</b>  US Digital pack	Encoder - Installation Tool 360 CPR  PN: E4P-360-250-S4149	1	
<input type="checkbox"/>	<b>Black Tote</b>  US Digital pack	Encoder -Base 360 CPR  PN: E4P-360-250-S4149	2	
<input type="checkbox"/>	<b>Rookie Kit</b>  Camera Bracket Kit	Axis Case  PN: MI-00016-M10	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Camera Bracket Kit	Base  PN: MI-00015	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Camera Bracket Kit	Pan Plate  PN: MI-00013	1	
<input type="checkbox"/>	<b>Rookie Kit</b>  Camera Bracket Kit	Servo Brace  PN: MI-00014	1	

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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, $\pm 10$ 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, $\pm 30$ V  PN: 9403	2	
<input type="checkbox"/> Rookie Kit 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"/> 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 or VUVG-L10-B52-M7	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	

















## 2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<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	Classmate PC Clamshell netbook  PN: NBC2GO89A	1	
<input type="checkbox"/> <b>Rookie Kit</b>  Loose	Joystick, Attack 3 11 programmable buttons, USB, symmetrical handle  PN: 963291-0403	2	
<input type="checkbox"/> <b>Rookie Kit</b>  Loose	Relief Valve 120 psi relief valve  PN: 16-004-011	1	
<input type="checkbox"/> <b>Rookie Kit</b>  Loose	Green Tote  PN:	1	
<input type="checkbox"/> <b>Rookie Kit</b>  Loose	DB37 Extension Cable 3ft, beige, Male/Female  PN: D720-03	1	
<input type="checkbox"/> <b>Rookie Kit</b>  Loose	USB 4-port hub Super Mini USB 2.0 4-Port Hub  PN: ACH63US	1	

2011 Kit of Parts - Checklist				
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"/>  Small Parts Bag	<b>Rookie Kit</b>  Power connector, Wago 2-pole  PN: 734-102	2	
<input type="checkbox"/>  Small Parts Bag	<b>Rookie Kit</b>  spring lock washer #4 screw size  PN: 91102A720	4	
<input type="checkbox"/>  Small Parts Bag	<b>Rookie Kit</b>  CTL Screw  PN:	1	
<input type="checkbox"/>  Small Parts Bag	<b>Rookie Kit</b>  Nut, bracket assembly 4-40, keps  PN: 90675A005	16	
<input type="checkbox"/>  Small Parts Bag	<b>Rookie Kit</b>  Nut, camera pivot 8-32, nylock  PN: 90631A009	1	
<input type="checkbox"/>  Small Parts Bag	<b>Rookie Kit</b>  Nylon spacer 1/4"  PN: 94639A201	4	
<input type="checkbox"/>  Small Parts Bag	<b>Rookie Kit</b>  Screw, camera pivot 8-32, 3/8"  PN: 90272A192	1	

<b>2011 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> Small Parts Bag	Screw, hex, servo mount 4-40, 1/2", low profile  PN: 92314A110	4		
<input type="checkbox"/> <b>Rookie Kit</b> Small Parts Bag	Screw, horn/bracket assembly 4-40, 3/8"  PN: 90272A108	8		
<input type="checkbox"/> <b>Rookie Kit</b> Small Parts Bag	Screw, servo mounting 4-40, 3/4"  PN: 90272A113	4		
<input type="checkbox"/> <b>Separate Item</b> Loose	Secondary Regulator  PN: 101-3002-1	1		
<input type="checkbox"/> <b>Separate Item</b> Loose	Secondary Regulator Bracket Mounting bracket  PN: 13536	1		
<input type="checkbox"/> <b>Separate Item</b> N/A	Battery ( <u>ROOKIE</u> ) 12 volt, 17.2 Amp-hour, Non-Spillable  PN: NP18-12	2		
<input type="checkbox"/> <b>Separate Item</b> N/A	Battery ( <u>VETERAN</u> ) 12 volt, 17.2 Amp-hour, Non-Spillable  PN: NP18-12	1		

## 2011 Kit of Parts - Checklist

Container	Part Name, Description, & Number	Qty	Photo
<input type="checkbox"/>  N/A	<b>Separate Item</b>  USB Key for 2010 Classmates (VETERANS) 8GB SanDisk Cruzer preloaded w/ 2011 Classmate image  PN:	1	
<input type="checkbox"/>  N/A	<b>Separate Item</b>  USB Key for 2011 Classmates (ROOKIES) 8GB SanDisk Cruzer preloaded w/ 2011 Classmate image  PN:	1	
<input type="checkbox"/>  N/A	<b>Separate Item</b>  Panel signal device 12V Light  PN: 855PB-B12ME522	1	
<input type="checkbox"/>  N/A	<b>Separate Item</b>  Sensor panel accelerometer/gyro sensor boards  PN:	1	
<input type="checkbox"/>  N/A	<b>Virtual</b>  Altium Designer  The 12-month license from Altium Designer, is available at <a href="http://www.altium.com/frc2010/">http://www.altium.com/frc2010/</a>  PN:	1	
<input type="checkbox"/>  N/A	<b>Virtual</b>  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"/>  N/A	<b>Virtual</b>  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	