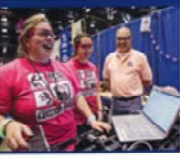


2014 Kickoff Kit - Checklist				
Container	Part Name, Description, & Number		Qty	Photo
☐	Black Tote AndyMark Motor Kit	9015 Motor PN: am-0912	2	 Photo: www.andymark.biz
☐	Black Tote AndyMark Motor Kit	Battery Plug PN: AM-0122	4	 Photo:
☐	Black Tote AndyMark Motor Kit	PG71 Gearmotor PN: am-0914	1	 Photo: www.andymark.biz
☐	Black Tote BVI 1	20Amp circuit breaker auto-reset PN: VB3-A20-F57	5	 Photo: FIRST
☐	Black Tote BVI 1	30Amp circuit breaker auto-reset PN: VB3-A30-F57	2	 Photo: FIRST
☐	Black Tote BVI 1	40Amp circuit breaker auto-reset PN: MX5-A40	4	 Photo: FIRST
☐	Black Tote BVI 1	Circuit Breaker 120A, Automotive style PN: CB185-120	1	 Photo: Cooper Bussman

2014 Kickoff Kit - Checklist				
Container	Part Name, Description, & Number		Qty	Photo
☐ Black Tote BVI 1	"Ice" Cube Cooler Kit Includes (1) fan, (1) housing, (4) supports, (3) wrenches, motor interface board, hardware PN: N/A		1	 Photo: FIRST
☐ Black Tote BVI 10	Bumper Material Sample - Blue or Red Either Blue or Red Material, Various Numbers PN: N/A		1	 Photo:
☐ Black Tote BVI 10	FedEx Flyer PN: N/A		1	 Photo:
☐ Black Tote BVI 10	FIRST Sticker PN: N/A		1	 Photo:
☐ Black Tote BVI 10	Flyer - NKK Switches PN: N/A		1	 Photo:
☐ Black Tote BVI 10	Flyer - PTC Software PN: N/A		1	 Photo:
☐ Black Tote BVI 10	Flyer - Scholarship Program Envelope Scholarship Information PN: N/A		1	 Photo:

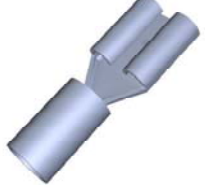
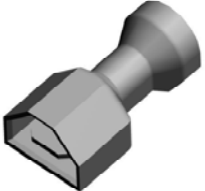
2014 Kickoff Kit - Checklist				
Container	Part Name, Description, & Number		Qty	Photo
☐	Black Tote BVI 10	FRC Sticker PN: N/A	1	 Photo:
☐	Black Tote BVI 10	Fundraising Toolkit PN: N/A	1	 Photo:
☐	Black Tote BVI 10	GitHub Octocat Sticker PN: N/A	2	 Photo:
☐	Black Tote BVI 10	PDV - Bimba Team choice of 3 cylinders PN: N/A	1	 Photo:
☐	Black Tote BVI 10	Product Donation Voucher - ARA For free motors at ARA Member Locations See PDV for details PN: N/A	1	 Photo:
☐	Black Tote BVI 10	Product Donation Voucher - Vulcan Spring PN: N/A	1	 Photo: FIRST
☐	Black Tote BVI 10	Software - LabVIEW for FRC LabVIEW 2013 PN: N/A	1	 Photo:

2014 Kickoff Kit - Checklist				
Container	Part Name, Description, & Number		Qty	Photo
☐ Black Tote BVI 10	Spring Series L Spring Life 25000 Cycles PN: SL6G25		1	 Photo: Vulcan Spring
☐ Black Tote BVI 10	Spring Series H Spring Life 4000 Cycles PN: SH6G25		1	 Photo: Vulcan Spring
☐ Black Tote BVI 10	STOP Sticker Sticker to designate Emergency Stop on Driver Station (space bar) PN: N/A		2	 Photo: FIRST
☐ Black Tote BVI 10	VHB Double-sided tape, roll, black, 36 yd PN: 70006291140		1	 Photo: 3M
☐ Black Tote BVI 10	Voucher - AutomationDirect For \$30 of Donated Product See PDV for details PN: N/A		1	 Photo:
☐ Black Tote BVI 10	Voucher - Maxbotix For \$35 of Donated Product See PDV for details PN: N/A		1	 Photo:
☐ Black Tote BVI 10	Voucher - Robo Realm Free copy of vision processing software PN: N/A		1	 Photo:

2014 Kickoff Kit - Checklist

Container	Part Name, Description, & Number	Qty	Photo
☐ Black Tote BVI 11	Analog Breakout Board PN: A003266 / am0867	1	 Photo: AndyMark
☐ Black Tote BVI 11	Digital SideCar PN: A003333 / am-0266	1	 Photo: AndyMark
☐ Black Tote BVI 11	Link connector cable, 6ft PN: JE150399689	1	 Photo: 3M
☐ Black Tote BVI 11	Sensor panel Accelerometer p/n - ADXL345 Gyro p/n - ADXRS652BBGZ-RL PN: N/A	1	 Photo: AndyMark
☐ Black Tote BVI 2	Cable Ties, 4in. (bag of 100) UNIRAP, 4" PN: CT18075C	1	 Photo: FIRST
☐ Black Tote BVI 2	Cable Ties, 8in. (bag of 100) UNIRAP, 8" PN: CT50175C	1	 Photo: FIRST
☐ Black Tote BVI 2	DC/DC Power Converter 12/24V to 5V PN: CLL25-24S05	1	 Photo: Current Logic

2014 Kickoff Kit - Checklist

Container	Part Name, Description, & Number	Qty	Photo
☐ Black Tote BVI 2	Latex Tubing 0.125" ID x 0.094" thickness x 5' L PN: N/A	2	 Photo: FIRST
☐ Black Tote BVI 3	Quick Disconnect Receptacle, 10 AWG, Yellow PN: 640907-1	8	 Photo: TE Connectivity
☐ Black Tote BVI 3	Quick Disconnect Receptacle, 14 AWG, Blue PN: 170604-1	8	 Photo: TE Connectivity
☐ Black Tote BVI 3	Quick Disconnect Tab, 10 AWG, Yellow 12-10ga, .250d PN: 4-521098-2	8	 Photo: TE Connectivity
☐ Black Tote BVI 3	Ring Terminal, 6 AWG #6ga- 1/4" stud, Plasti-Grip PN: 52042	4	 Photo: TE Connectivity
☐ Black Tote BVI 3	Ruland Manufacturing Pack Assorted shaft collars and couplers PN: various	1	 Photo:
☐ Black Tote BVI 3	Splice, 10 AWG PN: 34072	10	 Photo: TE Connectivity

2014 Kickoff Kit - Checklist

Container	Part Name, Description, & Number	Qty	Photo
☐ Black Tote BVI 3	Splice, 14 AWG PN: 34068	10	 Photo: TE Connectivity
☐ Black Tote BVI 3	Splice, 18 AWG PN: 34067	10	 Photo: TE Connectivity
☐ Black Tote BVI 3	Terminal Lug (bag of 8) 6-14 ga solderless lug, mechanical PN: KPA4CUNPL	1	 Photo: FIRST
☐ Black Tote BVI 3	Terminal Lug (bag of 8) 6-14 ga solderless lug, compression PN: YAZV6CTC14FX	1	 Photo: FIRST
☐ Black Tote BVI 4	Wire, 10AWG, Black, 10ft. 10' length PN: N/A	1	 Photo: FIRST
☐ Black Tote BVI 4	Wire, 10AWG, Red, 10ft. 10' length PN: N/A	1	 Photo: FIRST
☐ Black Tote BVI 4	Wire, 14AWG, Black, 10ft. 10' length PN: N/A	1	 Photo: FIRST

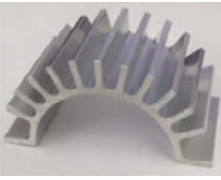
2014 Kickoff Kit - Checklist

Container	Part Name, Description, & Number	Qty	Photo
☐ Black Tote BVI 4	Wire, 14AWG, Red, 10ft. 10' length PN: N/A	1	 Photo: FIRST
☐ Black Tote BVI 4	Wire, 18AWG, Black, 10ft. 10' length PN: N/A	1	 Photo: FIRST
☐ Black Tote BVI 4	Wire, 18AWG, Red, 10ft. 10' length PN: N/A	1	 Photo: FIRST
☐ Black Tote BVI 5	Dual Lock, 3 ft strip PN: 70070521052	1	 Photo: 3M
☐ Black Tote BVI 5	Electrical Tape, Black PN: 80610833834	1	 Photo:
☐ Black Tote BVI 5	Electrical Tape, Red PN: 80610833909	1	 Photo:
☐ Black Tote BVI 5	Grip Material, 18in. strip PN: 70006701497	1	 Photo: 3M

2014 Kickoff Kit - Checklist

Container	Part Name, Description, & Number	Qty	Photo
☐ Black Tote BVI 5	Heat Shrink, 1/4in. PN: 80611472384	2	 Photo: 3M
☐ Black Tote BVI 5	Heat Shrink, 1/8in. PN: 80611600893	2	 Photo: 3M
☐ Black Tote BVI 6	PWM Cable, Y-cable PN: N/A	2	 Photo: FIRST
☐ Black Tote BVI 6	PWM Cables, 2-wire 24" PN: N/A	5	 Photo: FIRST
☐ Black Tote BVI 6	PWM Cables, 3-wire 36", 22AWG wire, male/female PN: N/A	8	 Photo: FIRST
☐ Black Tote BVI 6	Quick-Disconnect Battery Connector #6 wire pair, red & black, 12" tail SB-50A Power Pole Connector PN: N/A	3	 Photo: FIRST
☐ Black Tote BVI 7	DC Axial Compact Fan (mini, 10 mm thick) 12 Vdc PN: 412F	1	 Photo: ebm papst/

2014 Kickoff Kit - Checklist

	Container	Part Name, Description, & Number	Qty	Photo
☐	Black Tote BVI 7	DC Axial Compact Fan (mini, 20mm thick) 12 Vdc PN: 412	3	 Photo: ebm papst/
☐	Black Tote BVI 7	Ethernet Cable Length, colors vary. PN: Varies	2	 Photo: FIRST
☐	Black Tote BVI 7	Wire, 6AWG, Black 18 in. length PN: N/A	1	 Photo: FIRST
☐	Black Tote BVI 7	Wire, 6AWG, Red 18 in. length PN: N/A	1	 Photo: FIRST
☐	Black Tote BVI 8	CIM Cooler PN: N/A	1	 Photo: FIRST
☐	Black Tote BVI 8	Throttle Control Motor PN: AE235100-0160	4	 Photo: FIRST
☐	Black Tote BVI 8	Triangle Manufacturing Pack PN: various	1	 Photo: FIRST

2014 Kickoff Kit - Checklist

Container	Part Name, Description, & Number	Qty	Photo
☐ Black Tote BVI 9	10 AWG Fork Terminal PN: MNG10-10FBK	16	 Photo:
☐ Black Tote BVI 9	10 AWG Ring Terminal PN: MNG10-6RK	20	 Photo:
☐ Black Tote BVI 9	14 AWG Ring Terminal PN: MNG14-6R/SK	20	 Photo:
☐ Black Tote BVI 9	18 AWG Ring Terminal PN: MNG18-6R/SK	20	 Photo:
☐ Black Tote BVI 9	22 AWG Spade Terminal PN: MVI18-250DFK	20	 Photo:
☐ Black Tote BVI 9	Breakout mounting hardware, 4-40 x 0.75" PN: 1ME99	2	 Photo: FIRST
☐ Black Tote BVI 9	Connector, cRio Power female, 4 poles PN: CTF040BV8-CN	2	 Photo: FIRST

2014 Kickoff Kit - Checklist

Container	Part Name, Description, & Number	Qty	Photo
☐ Black Tote BVI 9	Microswitch - lever PN: V7-2B17D8-048	2	 Photo: Honeywell
☐ Black Tote BVI 9	Microswitch - pin plunger PN: V7-2A27D84-000-1	4	 Photo: Honeywell
☐ Black Tote BVI 9	Power connector, Wago 2-pole PN: 734-102	6	 Photo: AndyMark
☐ Black Tote BVI 9	Scotch-Weld, liquid adhesive CA8 PN: 62381501303	1	 Photo: FIRST
☐ Black Tote BVI 9	Scotch-Weld, rubber adhesive PR100 PN: 62616403507	1	 Photo: FIRST
☐ Black Tote Loose	Ball Bladder PN: N/A	1	 Photo:
☐ Black Tote Loose	Ball Shell (red or blue) PN: N/A	1	 Photo:

2014 Kickoff Kit - Checklist

	Container	Part Name, Description, & Number	Qty	Photo
☐	Black Tote Loose	Battery 12 volt, 17.2 Amp-hour, Non-Spillable PN: NP18-12B	1	 Photo: EnerSys
☐	Black Tote Loose	DB37 Extension Cable Male/Female PN: N/A	2	 Photo:
☐	Black Tote Loose	igus bag Plastic bushings, cable carrier, metal guides, rods PN: various	1	 Photo: FIRST
☐	Black Tote Loose	Panel signal device for use as Robot Signal Light 12V Light PN: 855PB-B12ME522	1	 Photo: FIRST
☐	Black Tote Loose	Power Distribution Board 8 40A outputs, 12 20/30A outputs, 5V, 12V, & 24V regulated outputs PN: A003206 / am-0265	1	 Photo: AndyMark
☐	Black Tote Loose	Retro-reflective Material, length 5 ft. PN: 8830	1	 Photo:
☐	Black Tote Loose	Robot Bags 48" x 36" x 120" x .004", gusseted poly bag PN: 114200	2	 Photo: FIRST

2014 Kickoff Kit - Checklist

	Container	Part Name, Description, & Number	Qty	Photo
☐	Black Tote Loose	Serialized Tags Plastic, numbered PN: 9001-16	6	 Photo: americancasting.com
☐	Black Tote Loose	Wireless Bridge, Rev B (Radio) D-Link Extreme N Duo Wireless Bridge/Access Point PN: DAP-1522	1	 Photo: D-Link
☐	Black Tote VEX Pro Pack	2.5" CIM Motor PN: 217-2000 or PM25R-45F-1004	2	 Photo: Innovation First
☐	Black Tote VEX Pro Pack	BAG Motor PN: 217-3351	1	 Photo: Innovation First
☐	Black Tote VEX Pro Pack	MiniCIM Motor PN: 217-3371	1	 Photo: Innovation First
☐	Black Tote VEX Pro Pack	Relay Module (Spike) 12V, 20A Max PN: SPIKE-RELAY-H	1	 Photo: Innovation First

2014 Kickoff Kit - Checklist

Container		Part Name, Description, & Number	Qty	Photo
☐	Separate Item	2.5" CIM Motor	2	 Photo: Innovation First
☐	Separate Item	PN: 217-2000 or PM25R-45F-1004		
☐	Separate Item	Autodesk Flier	1	 Photo:
☐	Separate Item	Information about Autodesk software donation to teams PN: N/A		
☐	Separate Item	Link Connector, 2-position	5	 Photo: 3M
☐	Separate Item	PN: JE150416673		
☐	Separate Item	Link Connector, 4-position	5	 Photo: 3M
☐	Separate Item	PN: JE150279733		
☐	Separate Item	Software - WindRiver Software Bundle	1	 Photo:
☐	Separate Item	Pack of 2 DVD's PN: N/A		

2014 Kickoff Kit - Checklist

Container	Part Name, Description, & Number	Qty	Photo
☐ Rookie Kit Loose	Battery 12 volt, 17.2 Amp-hour, Non-Spillable PN: NP18-12B	1	 Photo: EnerSys
☐ Rookie Kit Loose	Battery Charger 12V, 6Amp automatic PN: SC-600A	1	 Photo: Schumacher
☐ Rookie Kit Loose	Breadboard 2.14" x 6.5" PN: TW-E40-1020	1	 Photo: Twin Industries
☐ Rookie Kit Loose	Bumper material, blue PN: N/A	2	 Photo: RoboPromo
☐ Rookie Kit Loose	Bumper material, red PN: N/A	2	 Photo: RoboPromo
☐ Rookie Kit Loose	Classmate PC, E12 Clamshell netbook PN: NBC2GO89A	1	 Photo: CTL Corp.
☐ Rookie Kit Loose	compactRIO (cRIO), 4 slot 4-slot cRIO with Analog (9201), Digital (9403), and Solenoid (9472) modules PN: cRIO-FRC II	1	 Photo: National Instruments

2014 Kickoff Kit - Checklist

Container	Part Name, Description, & Number	Qty	Photo
☐ Rookie Kit Loose	Joystick, Attack 3 or Extreme 3D Attack 3 and/or Extreme 3D PN: 963291-0403 or 963290-0403	2	 Photo: Logitech
☐ Rookie Kit Loose	PSoC 3 FIRST Touch I/O Module PN: CY8CKIT-003	1	 Photo: Cypress
☐ Rookie Kit VEXpro Rookie Add-On Kit	Motor Controller - Jaguar PN: 217-3367	1	 Photo: Innovation First
☐ Rookie Kit VEXpro Rookie Add-On Kit	Motor Controller - Victor 888 VICTOR-888-12-12 PN: 217-2769	2	 Photo: Innovation First

2014 Kickoff Kit - Checklist

	Container	Part Name, Description, & Number	Qty	Photo
☐	Rookie Kit Separate Item Loose	E12 2014 Classmate Image (on USB stick) 8GB USB drive preloaded w/ 2014 Classmate image PN:	1	 Photo: IDEA Media

2014 Kickoff Kit - Checklist

Container	Part Name, Description, & Number	Qty	Photo
☐ AndyMark Drive Base Kit AM TB Mini Kit 1	14 Tooth, 8mm Key Gear 2 per TB Mini Kit * 2 TB Mini Kits PN: am-0034	4	 Photo:
☐ AndyMark Drive Base Kit AM TB Mini Kit 1	19 Tooth, 3/8" Hex Gear 1 per TB Mini Kit * 2 TB Mini Kits PN: am-0176	2	 Photo: www.andymark.com
☐ AndyMark Drive Base Kit AM TB Mini Kit 1	45 tooth, 1/2" Hex Gear 1 per TB Mini Kit * 2 TB Mini Kits PN: am-0179	2	 Photo: www.andymark.com
☐ AndyMark Drive Base Kit AM TB Mini Kit 1	50 Tooth, 3/8 Hex Gear 1 per TB Mini Kit * 2 TB Mini Kits PN: am-0149	2	 Photo:
☐ AndyMark Drive Base Kit AM TB Mini Kit 2	FR6ZZ Bearing 1 per TB Mini Kit * 2 TB Mini Kits PN: am-0028	2	 Photo:
☐ AndyMark Drive Base Kit AM TB Mini Kit 2	FR8ZZ - Hex Bearing 1 per TB Mini Kit * 2 TB Mini Kits PN: am-0279	2	 Photo: www.andymark.com
☐ AndyMark Drive Base Kit AM TB Mini Kit 2	R6ZZ bearing, 3/8" ID, shielded 2 per TB Mini Kit * 2 TB Mini Kits PN: am-0516	4	 Photo: www.andymark.biz

2014 Kickoff Kit - Checklist

Container	Part Name, Description, & Number	Qty	Photo
☐ AndyMark Drive Base Kit AM TB Mini Kit 3	#10-32 x 5/8" SHCS w/ nylon thread lock patch 4 per TB Mini Kit * 2 TB Mini Kits PN: am-1120	8	 Photo: www.andymark.biz
☐ AndyMark Drive Base Kit AM TB Mini Kit 3	2 x 2 x 10mm key 2 per TB Mini Kit * 2 TB Mini Kits PN: am-1121	4	 Photo: www.andymark.biz
☐ AndyMark Drive Base Kit AM TB Mini Kit 3	5/16" Washer 4 per TB Mini Kit * 2 TB Mini Kits PN: am-1009	8	 Photo:
☐ AndyMark Drive Base Kit AM TB Mini Kit 3	8mm Ring 2 per TB Mini Kit * 2 TB Mini Kits PN: am-0033	4	 Photo: www.andymark.biz
☐ AndyMark Drive Base Kit AM TB Mini Kit 4	1/2" eClip Ring 1 per TB Mini Kit * 2 TB Mini Kits PN: am-0206	2	 Photo:
☐ AndyMark Drive Base Kit AM TB Mini Kit 4	#10-32 Nylock Nut 2 per TB Mini Kit * 2 TB Mini Kits PN: am-1042	8	 Photo: www.andymark.biz
☐ AndyMark Drive Base Kit AM TB Mini Kit 4	10-32 x .75 SHCS 4 per TB Mini Kit * 2 TB Mini Kits PN: am-1047	8	 Photo:

2014 Kickoff Kit - Checklist

Container	Part Name, Description, & Number	Qty	Photo
☐ AndyMark Drive Base Kit AM TB Mini Kit 4	Grease pack 4 per TB Mini Kit * 2 TB Mini Kits PN: am-0908	8	 Photo: www.andymark.biz
☐ AndyMark Drive Base Kit AM Toughbox Mini	TB Mini Hex Output Shaft 1 per TB Mini X 2 TB Mini Kits PN: am-2566	2	 Photo: www.andymark.com
☐ AndyMark Drive Base Kit AM Toughbox Mini	TB Mini Housing 1 per TB Mini Kit * 2 TB Mini Kits PN: am-0650	2	 Photo:
☐ AndyMark Drive Base Kit AM Toughbox Mini	TB Small Hex Shaft 1 per TB Mini Kit * 2 TB Mini Kits PN: am-0152	2	 Photo:
☐ AndyMark Drive Base Kit AndyMark Bearing Kit	1614ZZ, Wheel bearings Double Shielded, ID: 0.375", OD: 1.125", Width: 0.375" PN: am-0209	8	 Photo: www.andymark.biz
☐ AndyMark Drive Base Kit AndyMark Bearing Kit	FR8ZZ Hex Bearing Double Shielded, ID: 0.500" Hex, OD: 1.125", Width: 0.312" PN: am-0279	2	 Photo: www.andymark.com
☐ AndyMark Drive Base Kit AndyMark Chassis Kit 1	1/4-20 x 0.75" Thread Rolling Screws PN: am-1310	44	 Photo: www.andymark.com

2014 Kickoff Kit - Checklist

	Container	Part Name, Description, & Number	Qty	Photo
☐	AndyMark Drive Base Kit AndyMark Chassis Kit 2	3/8-16 Nylock Nut PN: am-1054	4	 Photo:
☐	AndyMark Drive Base Kit AndyMark Chassis Kit 2	3/8-16 x 4.25" HHS Bolt PN: am-1297	4	 Photo: www.andymark.com
☐	AndyMark Drive Base Kit AndyMark Chassis Kit 3	0.280" Plastic Spacer PN: am-1306	4	 Photo: www.andymark.com
☐	AndyMark Drive Base Kit AndyMark Chassis Kit 3	0.583" Hex Spacer PN: am-1305	2	 Photo: www.andymark.com
☐	AndyMark Drive Base Kit AndyMark Chassis Kit 3	0.850" Plastic Spacer PN: am-1307	4	 Photo: www.andymark.com
☐	AndyMark Drive Base Kit AndyMark Pulley Kit	42 Tooth HTD Plastic Pulley Half PN: am-2234-half	16	 Photo:
☐	AndyMark Drive Base Kit AndyMark Screw Kit	Self-tapping #10-24 x 1 1/4" Screw PN: am-1266	48	 Photo:

2014 Kickoff Kit - Checklist

Container	Part Name, Description, & Number	Qty	Photo
☐ AndyMark Drive Base Kit Loose	4" HiGrip Wheel Static CoF = 1.07 PN: am-2256	6	 Photo: www.andymark.com
☐ AndyMark Drive Base Kit Loose	500 Churro, 24.75" PN: am-2595	2	 Photo: www.andymark.com
☐ AndyMark Drive Base Kit Loose	500 Churro, 3.375" PN: am-2569	16	 Photo: www.andymark.com
☐ AndyMark Drive Base Kit Loose	500 EX Hub PN: am-2568	2	 Photo: www.andymark.com
☐ AndyMark Drive Base Kit Loose	AM14U Cross Brace PN: am-2573	2	 Photo: www.andymark.com
☐ AndyMark Drive Base Kit Loose	AM14U Inner Plate PN: am-2567	2	 Photo: www.andymark.com
☐ AndyMark Drive Base Kit Loose	AM14U Outer Plate PN: am-2572	2	 Photo: www.andymark.com

2014 Kickoff Kit - Checklist

Container	Part Name, Description, & Number	Qty	Photo
☐ AndyMark Drive Base Kit Loose PN: am-2571	HTD 15mm wide, 131 tooth belt PN: am-2571	4	 Photo: www.andymark.com
☐ AndyMark Drive Base Kit Loose PN: am-2571	HTD 15mm wide, 170 tooth belt PN: am-2571	4	 Photo: www.andymark.com
☐ AndyMark Drive Base Kit Loose PN: N/A	User Guide PN: N/A	1	 Photo:

CATEGORIES

- ▶ 3D Printing (34)
- ▶ Bearing (11)
- ▶ Controls (36)
- ▶ Coupler (12)
- ▶ Electronics (6)
- ▶ Misc (24)
- ▶ Motors (16)
- ▶ Pneumatics (23)
- ▶ Sensors (7)
- ▶ Shaft Collar (7)
- ▶ Tools (9)

SUPPLIERS

- ▶ 3D Systems
- ▶ 3M
- ▶ America Makes
- ▶ amsAG
- ▶ Anderson Power Products
- ▶ AndyMark, Inc.
- ▶ Anixter/Axis
- ▶ Applied Systems & Technology Transfer,

Preview

FEATURED PRODUCTS



1/2" Hex Shaft Collar
(fc14-092)



5 FIRST Credits



1/2" Jaw Coupling Hub
(fc14-082)



4 FIRST Credits



1/2" Oldham Coupling Hub
(fc14-086)



4 FIRST Credits



1/2" Shaft Collar (fc14-075)



5 FIRST Credits



1/4" Jaw Coupling Hub
(fc14-080)



4 FIRST Credits



1/4" Oldham Coupling Hub
(fc14-084)



4 FIRST Credits



1/4" Shaft Collar (fc14-066)



5 FIRST Credits



1/4" Shaft Collar (fc14-073)



5 FIRST Credits



1/4" x 1/4" Beam Coupling
(fc14-078)



10 FIRST Credits



1/4" x 1/4" Rigid Coupling
(fc14-076)



10 FIRST Credits



12" Lazy Susan (fc14-064)



5 FIRST Credits



12V Battery (fc14-021)



55 FIRST Credits
Max Qty Per Team: 1



1810 V-Belt Pulley
(fc14-037)



5 FIRST Credits



2013 Classmate netbook,
E12 (fc14-005)



100 FIRST Credits

Max Qty Per Team: 1



2014 Classmate netbook,
E12 (fc14-101)



100 FIRST Credits

Max Qty Per Team: 1



3 Amp Momentary
Pushbutton, metric



5 FIRST Credits



3" Lazy Susan (fc14-148)



5 FIRST Credits



3/8" Hex Shaft Collar
(fc14-069)



5 FIRST Credits



3/8" Jaw Coupling Hub
(fc14-081)



4 FIRST Credits



3/8" Oldham Coupling Hub
(fc14-085)



4 FIRST Credits



3/8" Shaft Collar (fc14-074)



5 FIRST Credits



3/8" Shaft Collar (fc14-094)



5 FIRST Credits



3/8" x 3/8" Beam Coupling
(fc14-079)



10 FIRST Credits



3/8" x 3/8" Rigid Coupling
(fc14-077)



10 FIRST Credits



3D Print Services Voucher,
\$100 (Andover, MA)



15 FIRST Credits

Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Ann Arbor, MI)



15 FIRST Credits

Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Atlanta, GA)



15 FIRST Credits

Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Austin, TX)



15 FIRST Credits

Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Boston, MA)



15 FIRST Credits

Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Chicago, IL)



15 FIRST Credits

Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Cleveland, OH)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Cleveland, OH)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (College Station &



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Denver, CO)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Detroit, MI)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Herndon, VA)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Howard & Harford,



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Langhorne, PA)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Lawrenceburg, TN)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Morrisville, NC)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Nation wide)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Nation wide)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (New York, NY)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Rock Hill, SC)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (San Francisco, CA)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (San Francisco, CA)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (San Jose, CA)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Seattle, WA)



15 FIRST Credits
Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Tucson, AZ)



15 FIRST Credits

Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Valencia, CA)



15 FIRST Credits

Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Valencia, CA)



15 FIRST Credits

Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Vernon Hills, IL)



15 FIRST Credits

Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Wichita, KS)



15 FIRST Credits

Max Qty Per Team: 5



3D Print Services Voucher,
\$100 (Youngstown-



15 FIRST Credits

Max Qty Per Team: 5



3D Printer - Cube &
Material (fc14-149)



600 FIRST Credits

Max Qty Per Team: 1



3D Printer - MakerGear M2
Kit & Material (fc14-113)



600 FIRST Credits

Max Qty Per Team: 1



3D Printer - Replicator 2 &
Material (fc14-123)



600 FIRST Credits

Max Qty Per Team: 1



3D Printer Lottery



150 FIRST Credits

Max Qty Per Team: 1



3M Link Connector, 381
Series, 2 Position, pack of



5 FIRST Credits



3M Link Connector, 381
Series, 4 Position, pack of



5 FIRST Credits



3M™ Round Conductor
Flat Cable, 2 meter lengths



5 FIRST Credits



3-Port Extension Cables,
For a Generator (fc14-110)



1 FIRST Credit



60 PSI Regulator
(fc14-010)



5 FIRST Credits



7/16" Haydon Kerk Lead
Screw (fc14-095)



5 FIRST Credits



Adjustable Wrench, 6",
Chrome, Cushion



5 FIRST Credits



ARA Window Motor
(fc14-093)



10 FIRST Credits



AXIS M1013 Network
Camera (fc14-091)



55 FIRST Credits

Max Qty Per Team: 1



Battery connectors
(fc14-019)



10 FIRST Credits

Max Qty Per Team: 3



Bearings - SHU 6002 2RS
C3 (fc14-108)



5 FIRST Credits



Bearings - SHU 62000
2RS C3 (fc14-109)



5 FIRST Credits



Bearings - SHU 63/22 2RS
(fc14-111)



5 FIRST Credits



Bearings - SHU 6302 2RS
C3 (fc14-112)



5 FIRST Credits



Bearings - SHU 6303 2RS
(fc14-107)



5 FIRST Credits



Bushing Mount Miniature
Toggle, DP, (on)-off-(on)



5 FIRST Credits



Bushing Mount Miniature
Toggle, DP, on-off-on



5 FIRST Credits



Bushing Mount Miniature
Toggle, SP, on-none-(on)



5 FIRST Credits



Bushing Mount Miniature
Toggle, SP, on-none-off



5 FIRST Credits



Bushing Mount Miniature
Toggle, SP, on-none-on



5 FIRST Credits



Bushing Mount Miniature
Toggle, SP, on-off-(on)



5 FIRST Credits



Bushing Mount Miniature
Toggle, SP, on-off-on



5 FIRST Credits



Camera Bracket Kit
(fc14-130)



5 FIRST Credits



CAN Cable Kit (fc14-017)



5 FIRST Credits



Carbon Steel Track - Size
1 (fc14-141)



5 FIRST Credits



Carbon Steel Track - Size
2 (fc14-143)



5 FIRST Credits



Carbon Steel Track - Size 3 (fc14-145)



5 FIRST Credits



Carbon Steel Track - Size 4 (fc14-147)



5 FIRST Credits



CAT5E Ethernet cable, 5-foot (fc14-041)



5 FIRST Credits



CIM Motor (fc14-090)



30 FIRST Credits

Max Qty Per Team: 2



Compressor (fc14-140)



30 FIRST Credits

Max Qty Per Team: 1



Cordless Screwdriver Kit, 9-3/8" L (fc14-018)



10 FIRST Credits

Max Qty Per Team: 2



cRIO, 4-slot (fc14-035)



100 FIRST Credits

Max Qty Per Team: 1



Denso window motor connector housing



5 FIRST Credits



Denso window motor connector terminal



5 FIRST Credits



Denso window motor coupler (fc14-135)



5 FIRST Credits



Denso window motor, left 262100-3040 (fc14-102)



15 FIRST Credits



Denso window motor, right 262100-3030 (fc14-103)



15 FIRST Credits



Digital Multimeter (fc14-029)



55 FIRST Credits

Max Qty Per Team: 1



Double Solenoid Valve Kit (fc14-098)



10 FIRST Credits

Max Qty Per Team: 4



DryLin® W, linear guide system, individual rail -



5 FIRST Credits



DryLin® W, linear guide system, double rail



5 FIRST Credits



DryLin® W, linear guide system, guide carriage,



5 FIRST Credits



DryLin® W, linear guide system, pillow block



5 FIRST Credits



Ethernet cable, 3-foot
(fc14-045)



5 FIRST Credits



Ethernet port saver
(fc14-022)



5 FIRST Credits



Extension Cord, 50 Ft
(fc14-124)



5 FIRST Credits



Fan, large (fc14-105)



5 FIRST Credits



Fan, small, 10 mm
(fc14-127)



5 FIRST Credits



Fan, small, 20 mm
(fc14-104)



5 FIRST Credits



Festo Double Solenoid
Valve (manifold only)



10 FIRST Credits
Max Qty Per Team: 4



Festo M7 Fittings
(fc14-134)



5 FIRST Credits



Festo Sub Base Connector
#566716 (fc14-132)



5 FIRST Credits



Festo Valves #566458
(fc14-137)



5 FIRST Credits
Max Qty Per Team: 4



HS-322HD Servo
(fc14-002)



5 FIRST Credits



iglide plastic clip bearing
(fc14-118)



5 FIRST Credits



iglide plastic flange bearing
(fc14-120)



5 FIRST Credits



iglide plastic sleeve
bearing (fc14-117)



5 FIRST Credits



iglide plastic thrust washer
(fc14-119)



5 FIRST Credits



iglide® PRT slewing ring
(fc14-100)



5 FIRST Credits



igubal spherical flange
bearing (fc14-121)



5 FIRST Credits



igubal spherical rod end
bearing (fc14-122)



5 FIRST Credits



Incremental Magnetic Encoder (fc14-062)



5 FIRST Credits



Indicator, rectangular, amber (fc14-096)



5 FIRST Credits



Industrial RJ45 Modular Plug (fc14-131)



5 FIRST Credits



Internationally Approved Toggle, SPDT, on-none-on



5 FIRST Credits



IR Transmitter (fc14-004)



5 FIRST Credits



Jaw Coupling Spider (fc14-083)



2 FIRST Credits



Job Saw Kit, 11pc (fc14-013)



10 FIRST Credits

Max Qty Per Team: 1



Large Bushing Miniature Push Button, SPDT, on-on



5 FIRST Credits



Lead screw w/ nut (fc14-116)



5 FIRST Credits



Left and Right Pair of Window Motors w/ window



30 FIRST Credits



Legris Pneumatic Fittings (fc14-099)



5 FIRST Credits



Lever nut 2-pack (fc14-014)



5 FIRST Credits



Lever nut 3-pack (fc14-015)



5 FIRST Credits



Limit Switch - P/N EVN2000A (fc14-001)



5 FIRST Credits



Limit Switch - P/N EVN2000B (fc14-009)



5 FIRST Credits



Limit Switch - P/N EVN2000C (fc14-023)



5 FIRST Credits



Limit Switch - P/N EVN2000D (fc14-024)



5 FIRST Credits



Low/Medium Capacity Pushbutton, Single Pole w/



5 FIRST Credits



Microswitch - no lever
(fc14-180)

★★★★★
5 FIRST Credits



Oldham Coupling Disk
(fc14-087)

★★★★★
2 FIRST Credits



PG188 GearMotor
(fc14-072)

★★★★★
15 FIRST Credits



PG27 GearMotor
(fc14-070)

★★★★★
15 FIRST Credits



PK50 Cable Tie 48"
(fc14-026)

★★★★★
5 FIRST Credits



Plastic Pneumatic Fitting
Pack (fc14-128)

★★★★★
5 FIRST Credits



Plier, Locking, 9 In
(fc14-126)

★★★★★
5 FIRST Credits



Pneumatic Pressure
Gauge Dial (fc14-025)

★★★★★
5 FIRST Credits



Pneumatic Pressure
Switch (fc14-006)

★★★★★
5 FIRST Credits



Pneumatic tubing, black
(fc14-034)

★★★★★
5 FIRST Credits



Pneumatic tubing, blue
(fc14-033)

★★★★★
5 FIRST Credits



Pneumatic tubing, red
(fc14-032)

★★★★★
5 FIRST Credits



Pneumatic tubing,
transparent blue (fc14-030)

★★★★★
5 FIRST Credits



Pneumatic tubing,
transparent yellow

★★★★★
5 FIRST Credits



Pneumatic tubing, white
(fc14-106)

★★★★★
5 FIRST Credits



Pressure Gauge
(fc14-051)

★★★★★
5 FIRST Credits



PTFE Tape (fc14-036)

★★★★★
5 FIRST Credits



Ratcheting Screwdriver, 8
in 1 (fc14-012)

★★★★★
5 FIRST Credits



Regulator & Mounting Kit
(fc14-125)

★★★★★
5 FIRST Credits



Relief valve, 120 psi
(fc14-055)

★★★★★
5 FIRST Credits



Ring light (fc14-060)

★★★★★
10 FIRST Credits
Max Qty Per Team: 2



Rod End Bearing, 3/8"
(fc14-138)

★★★★★
5 FIRST Credits



Screwdriver Set, Combo,
4pc (fc14-016)

★★★★★
5 FIRST Credits



Short Body Pushbutton,
SPDT, on-on (alternate)

★★★★★
5 FIRST Credits



SMC AS2201F-N01-07S
Flow Control Valves

★★★★★
5 FIRST Credits



Snap-Action Bracket PC
Mount Pushbuttons, DPDT,

★★★★★
5 FIRST Credits



Snap-Action Bracket PC
Mount Pushbuttons, SPDT,

★★★★★
5 FIRST Credits



Snap-Action Bracket PC
Mount Pushbuttons, SPDT,

★★★★★
5 FIRST Credits



Snow Blower Motor
(fc14-067)

★★★★★
15 FIRST Credits



Solenoid Breakout Board
(fc14-097)

★★★★★
10 FIRST Credits
Max Qty Per Team: 2



Stainless Steel Track -
Size 1 (fc14-142)

★★★★★
5 FIRST Credits



Stainless Steel Track -
Size 2 (fc14-144)

★★★★★
5 FIRST Credits



Stainless Steel Track -
Size 3 (fc14-146)

★★★★★
5 FIRST Credits



Stellaris LaunchPad
Evaluation Kit (fc14-011)

★★★★★
30 FIRST Credits
Max Qty Per Team: 1



Strap Wrench, Multipurpose
(fc14-007)

★★★★★
5 FIRST Credits



Talon SR (fc14-059)

★★★★★
55 FIRST Credits
Max Qty Per Team: 2



Throttle motor (fc14-020)



5 FIRST Credits



Torsion Quick Change
Set, Bit Holder, 14pc, 1/4\"/>



5 FIRST Credits



USB Cable, 1-foot
(fc14-038)



5 FIRST Credits



USB Cable, 6-foot
(fc14-039)



5 FIRST Credits



USB Hub, 2.0, 4 Ports,
Black (fc14-027)



5 FIRST Credits



Van Door Motor (fc14-047)



15 FIRST Credits



Volume Air Tank, 574 ml,
plastic, 1/8\"/>



10 FIRST Credits

Max Qty Per Team: 4



window motor, Denso, right
E6DF-14A365-BB



15 FIRST Credits



Window motor, Keyang,
right (fc14-071)



15 FIRST Credits



Wire Connector
Nut, WT41, Tan, PK 20



5 FIRST Credits



XBox Controllers
(fc14-008)



30 FIRST Credits

Max Qty Per Team: 2