

2010 Kit of Parts Rookie/Veteran Kit Variation

The variations between Rookie and Veteran team Kits of Parts for 2010 are listed below. Source information is included for teams that wish to obtain additional quantities on their own. More detailed information on the parts (part numbers, photos, etc) can be found in *2009 Kit of Parts Checklist* until after kickoff when the *2010 Kit of Parts Checklist* will be posted on usfirst.org.

Item	'09 Qty/kit (all)	'10 Qty/kit (Rookie)	'10 Qty/kit (Veteran)	How to get more...
Adapter, camera, 2-lead	1	1	0	Jameco (www.jameco.com)
Air Compressor	1	1	0	Many online retailers carry this item; no special outlet has been arranged.
Analog Breakout ¹	2	2	1	AndyMark, Inc. (www.andymark.biz)
Axis Case metal (4 piece set)	1	1	0	Drawings available at http://www.usfirst.org/community/frc/content.aspx?id=452
Axis Case hardware set	1	1	0	Many online retailers carry these items; no special outlet has been arranged.
Battery ²	2	2	1	Battery rules are under review.
Battery Charger	1	1	0	Many online retailers carry this item; no special outlet has been arranged.
Camera, Axis 206	1	1	0	Many online retailers carry this item; no special outlet has been arranged.
DB37 Extension Cable	2	2	1	CablesToGo.com (www.cablestogo.com)
Digital SideCar ¹	2	2	1	AndyMark, Inc. (www.andymark.biz)
Joystick, Attack 3	2	2	0	TigerDirect.com (www.tigerdirect.com)
Mobile Device Controller (cRIO) & modules ^{1,2}	1	1	0	National Instruments (www.ni.com/first or 866-511-6285)
Panel Signal Device	1	1	0	Rockwell Automation http://shop.rockwellautomation.com
Power connector, Wago	6	6	4	Diamond Technologies (www.diamondt.com or 866-837-1931)
Radio, Driver Station ¹	1	1	0	2010 radio configuration is <u>to be determined</u> .
Radio, Robot ¹	1	1	TBD	2010 radio configuration is <u>to be determined</u> .
Relay Module (Spike) ¹	2	2	1	Innovation First, Inc. www.ifrobotics.com
Servo	2	2	0	Many online retailers carry this item; no special outlet has been arranged.
Solenoid Breakout ¹	1	1	0	AndyMark, Inc. (www.andymark.biz)
Speed Controller (Jaguar) ²	4	4	2	DigiKey (find the link at http://www.luminarymicro.com/jaguar)
Speed Controller (Victor 884)	1	1	0	Innovation First, Inc. www.ifrobotics.com
Standoff,	4	4	2	Many online retailers carry this item; no

Item	'09 Qty/kit (all)	'10 Qty/kit (Rookie)	'10 Qty/kit (Veteran)	How to get more...
male/female (for DS & DSC)				special outlet has been arranged.

Please note that neither Veteran nor Rookie teams will receive a KwikByte Driver Station, an AC Adapter for the KwikByte Driver Station, or a Dongle in the 2010 Kit of Parts. The 2009 Driver Station function will be replaced with an Operator Console built around the Intel-powered Classmate PC laptop.

Information on the 2010 Kit of Parts and robot rules not mentioned here will remain confidential until the 2010 Kickoff on January 9, 2010.

¹ Per the 2009 game rules, this is the only permitted part of its kind in the *FIRST* Robotics Competition, in order to facilitate a fair and even-handed competition.

² This item may be available at a discount for FRC participants. The discount may be limited in availability, please contact the supplier for details.