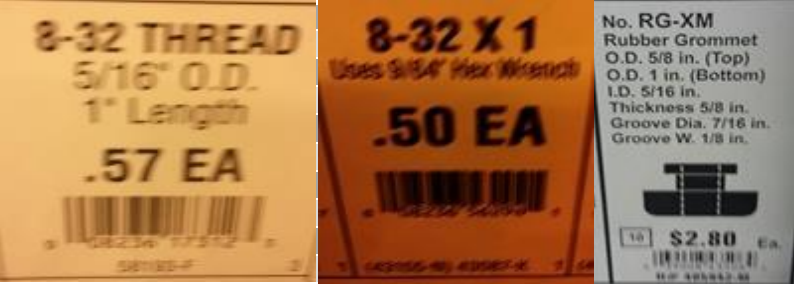


Total cost	Unit Cost	quantity	Name	Description	Notes		category
							
							Hardware store
1	1	1	Nylon tapped spacer	OD 5/16"	Try local ACE hardware or similar		Hardware store
1	1	1	Hex head screw	screw with head that fits stylus rubber dome, threaded for nylon threaded tube	Try local ACE hardware or similar		Hardware store
2.8	2.8	1	Rubber Grommet	RX-XM Rubber Grommet (For hole size 7/16". ID=5/16", OD=5/8 & 1", Groove width=1/8") (Hillman Fasten	Try local ACE hardware or similar		Hardware store
0							Marginally Clever kit
17.25	5.75	3	Tamiya 70171	set includes 2 threaded rods and ball joints for all 4 ends	These are getting hard to find. Alternatives: Traxxas 5347 or 5525 rod ends are a good choice for joints. You'll need to find your own rods and probably cut them down to size. 6 rods and 12 joints total. You'll probably also need a way to attach to the bicep and effector.		Marginally Clever kit
5	5	1	effector	3d printed with 40% infill: https://github.com/i-make-robots/Delta-Robot/tree/master/stl	Print yourself (or at a local hackerspace)		Marginally Clever kit
45	15	3	base mount	3d printed with 40% infill: https://github.com/i-make-robots/Delta-Robot/tree/master/stl	Print yourself (or at a local hackerspace)		Marginally Clever kit
54	18	3	bicep	3d printed with 40% infill: https://github.com/i-make-robots/Delta-Robot/tree/master/stl	Print yourself (or at a local hackerspace)		Marginally Clever kit
30	10	3	standard-size servo	TowerPro SG5010 originally specced, Futaba were delivered in MC kit	any "standard size" 180 degree servo would probably work (with minor modification)		Marginally Clever kit
0					IMPORTANT NOTE: If you buy the kit at http://marginallyclever.com, it comes with the servos, joints, and plastic parts.		Marginally Clever kit
0							Electronics
22	22	1	Arduino Uno R3		Arduino Uno or Mega (possibly others?)		Electronics
8	8	1	PSU	9V 1A, arduino-compatible connector=5.5 x 2.1 mm Plug center positive	I'm using one rated for 650mA and it's working ok. Some low-draw servos are fine on USB power.		Electronics
5	5	1	Misc connection hardware		Misc wire, headers, jumpers, breadboard, as needed (can also be soldered, etc. if you feel the need, but it's not required)		Electronics
10	10	1	Camera	Almost any USB cheap webcam. You might be able to skip this and use your computer's webcam, an old phone, etc.			Electronics
2	1		Stylus rubber domes		any will work, I raided from www.amazon.com/gp/product/B008EPDDOI/		Electronics
0					(Note, if you don't have arduino, headers, breadboard, etc lying around, www.amazon.com/gp/product/B0051QHPJM/ might be useful)		Electronics
0			Frame	A camera tripod has given us the best results. You'll need some bolts and washers to attach.			
203.05	TOTAL						Other
			Computer With USB Port and Python 2.6 or 2.7 (I think you also need Java to run Aduino IDE)				Other
			#1 phillips screwdriver				Other
			Small needle-nose pliers or similar				Other