

2003 Consumables Checklist (provided by hubs)		
Check	Qty	Description
	1	15/32" or 1/2", 2'X4' plywood, BC grade
	1	11/32" or 3/8", 2'X4' plywood, BC grade
	1	7/32" or 1/4", 2'X4' plywood, BC grade
	1	1/4" X 48" hardwood dowel
	20 ft.	1/2" Schedule 40 PVC pipe ** cut into 4, 5 ft. pieces
	10 ft.	3/4" Schedule 40 PVC pipe ** cut into 2, 5 ft. pieces
	10 ft.	1" Schedule 40 PVC pipe ** cut into 2, 5 ft. pieces
	10	1/2" PVC 90degree elbow (slip)
	10	1/2" PVC tee (slip)
	10	3/4" PVC 90 degree elbow (slip)
	10	3/4" PVC tee (slip)
	6	1" PVC 90 degree elbow (slip)
	4 ft.	4" PVC pipe (solid PVC sewer pipe SDR-35 or SDR-xx, without integral coupling)
	6	1" PVC tee (slip)
	4 oz	Regular PVC cement
	4 ft.	1" X 4" #2 whitewood ** cut into 2, 2 ft. pieces
	4	2.5" X 5/8" iron ZN, corner angle bracket w/ screws
	4	2" X 3/8" iron ZN, flat angle bracket w/ screws
	2	hose clamp, #4 1/4"-5/8" diameter
	10 ft	3/4" metal pipe hanger tape, 24 gauge
	2	zinc plated narrow hinge w/removable pin and screws 2.5"H X 1.69"W X 0.083" thick
	2	zinc plated narrow hinge w/nonremovable pin and screws 1.5"H X 1.41"W X 0.047" thick
	1	extension spring for heavy doors 13/32"OD, 0.0625" wire diameter, steel
	4 ft.	1/4" diameter polypropylene covered shock cord
	16 ft	18 gauge, 2 conductor, unshielded cable
	10	11" natural cable tie
	5 ft	3/4" nylon sticky back Velcro (hook and loop)
	60 ft	vinyl electrical tape, 3/4"
	60 yds	all purpose duct tape, 2"
	160 ft	Neon Twine (#18 twisted Nylon Seine Twine)
	0.20 oz	nut/bolt locker (eg. Loctite, On the Spot, etc.)
	4 oz	carpenters wood glue
	1 oz	5 minute epoxy
	1	Aluminum grid for 5 gallon bucket
	1	1/4"-20 threaded rod, 3' long
	25	1/4"-20 hex nut
	1	3/8"-16 threaded rod, 3' long
	20	3/8"-16 hex nut, zinc
	100	#8-32 X 1 1/4" machine screw, trusshead
	100	#8-32 machine screw nuts
	20	#10-32 X 1 1/2" machine screws, round head
	20	#10-32 X 1 1/2" machine screw nuts
	10	#4-40 X 1" machine screws, round head, zinc
	10	#4-40 X 1" machine screw nuts, zinc
	100	#8X1" sheet metal screw, hex head
	10	#4 X 3/4" wood screw, zinc plated, slotted drive, round head
	* 100	#6X1" wood screws, flat head, zinc
	20	1/4" SAE flat washer
	30	#8 medium split lock washer
	25	1/4" medium split lock washer, zinc
	30	#10 flat washer, zinc
	30	3/8" lockwasher medium split, zinc
	10	wood screw thread eyebolts .192 wire dia x .97 shank x .75 thread x .27 id
	6	Snap-Plug Terminals, insulated, male
	4	Mini Snap Acting Switches, 10amps
	3	piano wire (2' pieces), 14 gauge (0.063")
	1	1/4" polypropylene sheet 12" X 24"
	1	1/8" polycarbonate sheet 12" X 24"
	1	0.5" Thick X 6" Wide X 6" Long Aluminum Bar Stock
	1	12" X 24" X 0.063" Aluminum sheet
	1	0.5" Diameter x 24" Long Aluminum Round Stock
	2	0.25" Diameter x 24" Long Steel Round Stock
	1	bicycle inner tube (26" X 1.5" - 2.0")
	1	60x65" Universal Brake Cable w/housing
	1	printer

Approved Optional Items (provided by teams)	
Qty	Description
10	wooden spring type clothes pins
2400 sq"	<1/4" thick corrugated cardboard
2	empty aluminum soft drink cans
3	wire coat hangers with or without plastic coating (12 gauge maximum)
3	solid core golf balls
1 oz.	5 minute epoxy
1	2 lb. 7 oz. empty coffee can with plastic lid
1	4 oz. PVC primer
144 sq"	heavy duty aluminum foil
6	wooden golf tees
1	Aluminum paint Grid for 5 gallon bucket
1	inner tube repair kit
4	CD's