

| 2004 BEST Consumable List (provided by hub) | | |
|---|--------|--|
| Check | Qty | Description |
| | 1 ea | 15/32" or 1/2", 2'X4' plywood, BC or Luan grade |
| | 1 ea | 11/32" or 3/8", 2'X4' plywood, BC or Luan grade |
| | 1 ea | 7/32" or 1/4", 2'X4' plywood, BC or Luan grade |
| | 1 ea | 1/4" X 48" hardwood dowel |
| | 4 ea | 1/2" schedule 40 PVC pipe, 5 ft long |
| | 2 ea | 3/4" schedule 40 PVC pipe, 5 ft long |
| | 2 ea | 1" schedule 40 PVC pipe, 5 ft long |
| | 1 ea | 4" PVC solid sewer pipe, SDR 35, 4 ft long (without integral coupling) |
| | 10 ea | 1/2" PVC 90 degree elbow (slip) |
| | 10 ea | 1/2" PVC tee (slip) |
| | 10 ea | 3/4" PVC 90 degree elbow (slip) |
| | 10 ea | 3/4" PVC tee (slip) |
| | 6 ea | 1" PVC 90 degree elbow (slip) |
| | 6 ea | 1" PVC tee (slip) |
| | 1 ea | regular PVC cement, 4 oz |
| | 2 ea | 1" X 4" #2 whitewood, 2 ft long |
| | 4 ea | 2.5" X 5/8" iron ZN, corner angle bracket with 4 screws |
| | 4 ea | 2" X 3/8" iron ZN, flat angle bracket with 4 screws |
| | 2 ea | hose clamp, #4 1/4"-5/8" diameter |
| | 1 ea | 3/4" metal pipe hanger tape, 24 gauge, 10 ft long |
| | 2 ea | 2.5"H X 1.69"W X 0.083" narrow hinge w/removable pin & 6 screws |
| | 2 ea | 1.5"H X 1.41"W X 0.047" narrow hinge w/nonremovable pin & 4 screws |
| | 1 ea | extension spring for heavy doors, 13/32"OD, 0.0625" wire diameter, steel |
| | 4 ft | 1/4" polypropylene covered shock cord (color optional) |
| | 16 ft | 18 gauge stranded copper wire, insulated, 2 conductor, unshielded cable |
| | 10 ea | 11" natural cable tie |
| | 5 ft | 3/4" nylon sticky back hook and loop fastener |
| | 1 ea | vinyl electrical tape, 3/4" wide, 60 ft |
| | 1 ea | all purpose duct tape, 2" wide, 60 yd, (color optional) |
| | 1 ea | #18 twisted nylon seine twine, 160 ft long |
| | 1 ea | nut/bolt locker, 0.2 oz (e.g., Loctite, On the Spot, etc.) |
| | 1 ea | carpenters wood glue, 4 oz |
| | 1 ea | 5 minute epoxy, 1 oz |
| | 1 ea | aluminum grid for 5 gallon bucket |
| | 1 ea | 1/4"-20 threaded rod, 3' long, steel |
| | 25 ea | 1/4"-20 hex nut, steel |
| | 1 ea | 3/8"-16 threaded rod, 3' long, steel |
| | 20 ea | 3/8"-16 hex nut, steel |
| | 100 ea | #8-32 X 1 1/4" machine screw, steel, pan head, phillips |
| | 100 ea | #8-32 machine screw nuts, steel |
| | 20 ea | #10-32 X 1 1/2" machine screws, steel, round head, phillips |
| | 20 ea | #10-32 machine screw nuts, steel |
| | 10 ea | #4-40 X 1" machine screws, round head, steel |
| | 10 ea | #4-40 machine screw nuts, steel |
| | 100 ea | #8 X 1" sheet metal screw, steel, hex head |
| | 10 ea | #4 X 3/4" wood screw, steel, slotted drive, round head |
| | 100 ea | #6 X 1" wood screws, steel, flat head |
| | 20 ea | 1/4" SAE flat washer, steel |
| | 30 ea | #8 medium split lock washer, steel |
| | 25 ea | 1/4" medium split lock washer, steel |
| | 30 ea | #10 flat washer, steel |
| | 30 ea | 3/8" lockwasher medium split, steel |
| | 10 ea | wood screw eyebolts, 0.192 wire dia x .97 shank x .75 thread x .27 id, steel |
| | 3 ea | piano wire, 0.063" diameter, 2' long |
| | 6 ea | snap-plug terminals (bullet connectors), insulated, male |
| | 1 ea | 6" x 6" steel turntable, 500 lb capacity |
| | 4 ea | mini snap acting switches, SPDT, 10 amp (min) |
| | 1 ea | 1/4" polypropylene sheet 12" X 24" |
| | 1 ea | 1/8" polycarbonate sheet 12" X 24" |
| | 1 ea | 0.5" thick X 6" wide 6061-T6 aluminum flat, 6" long |
| | 1 ea | 0.063" thick 5052-H32 aluminum sheet, 12" x 24" |
| | 1 ea | 0.5" diameter 6061-T6 aluminum round, 24" long |
| | 2 ea | 0.25" diameter AISI 1018 steel round, 24" long |
| | 1 ea | bicycle inner tube (26" X 1.5" - 2.0") |
| | 1 ea | 60x65" universal brake cable with housing (white or black) |

| Approved Optional Items (provided by team) | |
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| Qty | Description |
| 10 ea | wooden spring type clothes pins |
| 2400 sq in | corrugated cardboard, less than 1/4" thick |
| 2 ea | empty aluminum soft drink cans |
| 3 ea | wire coat hangers with or without plastic coating, less than 1/8" dia |
| 3 ea | solid core golf balls |
| 1 ea | 5 minute epoxy, 1 oz |
| 1 ea | 2 lb. 7 oz empty coffee can with plastic lid |
| 1 ea | 4 oz. PVC primer |
| 144 sq in | heavy duty aluminum foil |
| 6 ea | wooden golf tees |
| 1 ea | aluminum paint grid for 5 gallon bucket |
| 1 ea | inner tube repair kit |
| 4 ea | compact disk (standard size: 120mm diameter x 1.2 mm thick) |