

6.270 Kit Components for IAP 2005

Here is a checklist for your kit that you will receive in Lecture 1. If you are missing any of these items below (besides the ones noted to be distributed later) or have extra parts due to errors in parts sorting, then please bring your kit into lab and ask to talk to an organizer immediately.

- controller board (distributed in lecture 1)
 - 1 handyboard
 - 1 handyboard interface board
 - 1 ac adapter for handyboard
 - 1 rj-11 phone cable
 - 1 25-pin to 9-pin serial cable
- electronics
 - in cardboard box:
 - 1 servo
 - in plastic box:
 - 1 short roller switch
 - 2 small switches
 - 2 long lever switches
 - 1 breakbeam sensor
 - 1 distance sensor
 - 2 ir leds
 - 2 ir phototransistors
 - 2 330 ohm resistors
 - 2 motors
- lego
 - bags and boxes in cardboard box
 - 1 bag 630
 - 4 bags 9938
 - 1 bag 10072
 - 3 bags 10074
 - 7 bags 9927 or 9928
 - 1 bag 2000602
 - 1 bag 2000603
 - 1 bag 2000604
 - 2 bags 2000645
 - 3 boxes 2000683
 - 1 box 8453
 - 1 bag 970109
 - blue lego suitcase
 - 40 2 x 4 bricks
 - 10 2 x 3 bricks
 - 20 2 x 2 bricks
 - 6 4 x 12 flat plate
 - 6 6 x 6 flat plate
 - 5 4 x 6 flate plate

- 6 6 x 12 flat plate
- 8 medium wheel hubs
- 8 large wheel hubs
- 8 large tyres
- 8 medium tires
- 12 2 x 2 skid plate
- 8 1 x 8 skid plate
- 8 1 x 4 skid plate
- 16 cross axle 8
- 16 cross axle 12
- 4 turn tables
- legos found in ziplock bags
 - bag
 - 8 1 x 2 brick with cross hole
 - 8 5 level arm
 - 16 cross axle 3 with stud
 - 8 12 tooth crown gear
 - 8 axle with catch
 - 8 cross connector with catch
 - 8 cross connector with 2 catches
 - 3 gear rack
 - 2 worm gear
 - another bag
 - 4 angle bracket
 - 24 8 tooth gear
 - 16 axle connector
 - 16 cross axle 2
 - 16 connector peg with stud
 - 16 1.5 connector peg
 - yet another bag
 - 2 differential housing
 - 4 2 x 2 round skid plate
 - 4 24 tooth crown gear
 - 16 long friction connector peg
 - 16 connector peg with axle
 - 32 half bushing
 - 6 16 tooth gear
 - 8 3 lever arm
 - 8 4 lever arm with catch
 - 8 cross connector
 - man, these bags are endless
 - 12 40 tooth gear
 - 4 flat plate with hinge
 - yet another bag
 - 6 3 x 4 roof plate
 - 4 motorcycle wheel hubs
 - 24 pulley wheels
 - 24 24 teeth gear
 - 11 2 x 3 roof tile
 - 20 black friction pegs

- o bag of flat plates
 - 30 2 x 4 flat plate
 - 10 1 x 6 flat plate
 - 10 1 x 8 flat plate
 - 10 1 x 10 flat plate
 - 10 2 x 2 flat plate
 - 20 1 x 2 flat plate
- o bag of cross axles
 - 16 cross axle 3
 - 16 cross axle 4
 - 16 cross axle 5
 - 16 cross axle 6
 - 16 cross axle 10
- o
- o miscellaneous
 - 1 lego man
 - 8 rubber o-rings
 - 1 green lego base plate
 - 2 Red Fooseballs