

# **F.I.R.S.T. CHECKLIST #1**

## **LOAD / UNLOAD FROM VAN**

- -Robot computer and charger (in lockbox in van)
- -main cart
- -batteries toolbox
- -first aid, tape, cclamp and block of wood toolbox
- -dewalt toolboxes 1, 2, 3
- -empty toolbox
- -yellow tote(have drill chargers, soldering station, wires)
- -gray tote
- -game pieces tote(have important book)
- -BIG toolcase
- -robot
- -extra hang thing
- -Mr ablett's tent
- -spare bumpers
- -soft tool box

### **GENERAL NOTES:**

3 padlocks in top compartment of BIG toolcase

NEED SOMETHING TO CUT THING DOWN TO SIZE

Is the new rope in one of the toolboxes?

## F.I.R.S.T. CHECKLIST #2

### GRAY TOTE (MECHANICAL)

- 0 2 5/8" churro
- 0 white 4" wheels(x6)
- 0 blue 4" wheels(x7)
- 0 pneumatic tubing 1/4" black
- 0 white zip ties(x100)
- 0 3/16" elastic tubing; yellow and orange
- 0 3/4" wide velcro tape
- 0 1" wide velcro tape
- 0 1/2" foam tape
- 0 rubber grommits large and small
- 0 1/2 of a nylon cutting board
- 0 24" aluminum slide rail body
- 0 linear slides for Λ, (x2)
- 0 red bumper material (x2) pieces
- 0 blue bumper material (x6) pieces

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- 0 3 1/2" x 3/4" x 2" 90 degree brackets (x4)
  - 0 2" x 4" flat bracket w/ 2 1 1/8" holes
  - 0 2" x 3/4" x 2 1/4" 90 degree brackets w/ hexagonal holes (x4)
  - 0 1 x 3/4 x 1 90 degree brackets (x4)
  - 0 Bumper brackets (x4)
  - 0 Scrap base unsymmetrical c-channel bracket (x2)
  - 0 2 x 1 x 3/4 brackets (x2)

Ziploc Bag

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- 0 7/8 x 14 3/8 piano hinge
  - 0 small 1" velcro tape
  - 0 ~4' #35 chain

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- 0 1/2" velcro tape
  - 0 smooth rubbery tape
  - 0 1x each of 12", 14", 16" surgical tubing
  - 0 "scotch weld" glue
  - 0 "scotch weld" instant adhesive tube

Law logistics

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- 0 vulcan constant-force spring
  - 0 versaplanetary gearbox set (x2)

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- 0 pneumatic tee joint (x2)
  - 0 pneumatic brass adapter M to F
  - 0 pneumatic brass plug
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## CHECKLIST 2 CONTINUED

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- 0 5/8 " x 24" steel axle(x2)
  - 0 40" cable tray (flexible)
  - 0 plastic flanged bushings (x2)
  - 0 plastic 1/2" bushings (x2)
  - 0 plastic flange bearings (x2)
  - 0 rod end (plastic) (x2) IGUS bag
  - 0 5/8" plastic washer (x2)
  - 0 Pillow block mount bracket top
  - 0 pillow block mount bracket bottom (x2)
  - 0 lazy susan bearing
  - 0 1/2 ' nylon pillow block(x2)
  - 0 3/8" nylon pillow block (x2)
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- 0 2" rubber wheels (x6)
  - 0 blue rubber wheel(round insert)
  - 0 orange rubber wheel( hex insert)
  - 0 green rubber wheel
  - 0 black rubber wheel
  - 0 7/8" x 21 1/8" steel tube (one end threaded) (IN EXTERNAL HANG, NOT IN TOTE)
  - 0 1' black hex axle
  - 0 8" black hex axle
  - 0 1/2" x 23 1/2" ready rod
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- 0 1/2" nuts (x6) In labelled Box
  - 0 1/2" washers (x2)
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- 0 1/2' flanged bearing (x8)
  - 0 intake sys hardware kit
  - 0 versahub 1/2" hex

## **F.I.R.S.T. CHECKLIST #3 YELLOW TOTE (ELECTRICAL)**

- 0 Logitech Joystick
- 0 xbox 360 controller
- 0 HS-322HD HiTec servo(x2)
- 0 Startech USB to Ethernet adapter
- 0 limit switches
- 0 Spark motor Controller bolts(x4)
- 0 Rev Robotics Servo power module
- 0 Backup power charger
- 0 Talon SRX motor controller
- 0 lifecam camera
- 0 Bag of red and black 8gauge and other unassorted wire
- 0 bag of braided red/orange/black wires
- 0 bx of RWB wires(like vex wires)
- 0 Bag of extra/supplimentary pieces for sonic shifter
- 0 Big copper wire(x2)
- 0 RWB Big y cable
- 0 fuse/connectors(random)