

Yellow — #8-32

Blue — #10-32

Orange — 1/4 - 20

Green — we have it but needs double checking

Red — missing or depleted

- ☒ — in the bits and vise versa

Mechanical

☐ Allen Keys

☐ 2x 'L' 3/32 (#8-32)

☐ 2x 'T' 3/32 (#8-32)

☒ 2x 'L' 1/8 (#10-32)

☒ 2x 'T' 1/8 (#10-32)

☒ 2x 'L' 5/32 (1/4-20)

☒ 2x 'T' 5/32 (1/4-20)

☒ 1x Standard multiset

☒ 1x Metric multiset

☒ Combination Wrenches

☒ 2x 11/32 (#8-32)

☒ 2x 3/8 (#10-32)

☒ 2x 7/16 (1/4-20)

☒ 1x Standard multiset

☒ 1x Metric multiset

☒ Sockets

☒ Socket adapters

☒ Large ratcheting socket wrench

☒ Small ratcheting socket wrench

☒ 2x 11/32 (#8-32)

☒ 2x 3/8 (#10-32)

☒ 2x 7/16 (1/4-20)

☒ 1x Standard multiset

☒ 1x Metric multiset

☒ Driver bits

☒ #2 Phillips head

☒ Drill bits

☒ Full drill indeed

☒ 2x #18

☒ 2x #29

☒ 2x #9

☒ 2x #21

☒ 2x F

☒ 2x #7

☒ 4x 3/16 Rivet bits

☒ Screw Drivers

☒ 2x Hex 3/32 (#8-32)

☒ 2x Hex 1/8 (#10-32)

☒ 2x Hex 5/32 (1/4-20)

☒ T10

☒ T25

☒ #1 Philips

☒ #2 Philips

☒ #1 Flat

☒ #2 Flat

☐ Power tools

☐ 3X DeWalt Drills

☐ 90 Degree Adapter

☐ 2x 4 AH Dewalt Batteries

☐ 2x 2 AH Dewalt Batteries

☐ Large DeWalt battery charger

☐ M1 Electric rivet gun

☐ 2x M12 battery

☐ 1x M12 battery charger

☐ 1X Jig Saw (+ blades)

☒ Benchtop Tools

☒ Pit Bandsaw

☒ Extra Blade

☒ Pit Belt Sander

☒ Extra Belts

☒ 1-Ton Press

☒ Vise

☒ Benchtop Drill Press

☒ Wrenches

☒ Small adjustable

☒ 2X large adjustable

☒ Channellock

☐ Pliers

☐ Big Needlenose

☐ Small Needle Nose

☒ Linesman's

☐ Big Snips

☐ 2x Small Snips

☐ Tin snips

☒ Retaining Ring Pliers (Red Handle)

☐ Manual Rivet Gun with correct tips

☐ Hammer

☐ Regular Mallet

☒ Deadblow Mallet

☐ 2X Center Punch

☐ Transfer Punch Set

☒ Scribe

☐ 2x Deburring tool

☐ 4x Extra deburring pieces

☐ Step Drill Bits

Organizers/Kits

- ☒ Correct Drill
- ☒ Thread Cutter
- ☒ Extra Tread

☐ Nuts & bolts

☐ #8 Kit

☐ #10 Kit

☐ 1/4"-20 Kit

☒ Drivetrain Kit
(double-sided)

☐ Rivet Kits

☐ 3/16 Kit (with
clecos and pliers)

☐ 5/32 Kit (RHS)

☐ #25 Chain Kit with chain
break and master links

☐ #35 Chain Kit with chain
break and master links

☐ Bearing Kit

☒ Sprocket Kit

☒ Gear Kit

☒ Small UP Kit

☒ Small MP Kit

☐ Pneumatic Kit

☐ I-fix-it kit

☒ Socket set

☒ Crimping kit

☐ First aid kit

☐ Battery Acid Spill Kit

☐ Tap and Die kit

☒ Separate Tap Bag

☐ CAN cable Kit

☐ File set

☐ Blue Dremel Box

☒ Battery Cart

☒ Robot Cart

☒ Robot Cart Tool Kit

☒

☒ Wheel Tread Kit

☒ Master

☒ Wood Template

☒ Long Rivets

Electrical & Programming

- ☒ Driver Station Laptop
- ☐ Colored electrical tape (red, black, and blue, orange, purple, green)
- ☒ Linesman electrical tape
- ☐ USB C Chargers
- ☐ 2x Long Orange USB C Cables
- ☐ 2x Controllers for robot
- ☒ 3x Laptops (programming)
- ☒ 1x driver station laptop
- ☐ Laptop chargers
- ☐ Long Ethernet cable
- ☐ 2X USB to Ethernet adapter
- ☒ 2X USB Hub
- ☐ Wire Stripper
- ☐ Wire Cutter
- ☒ Ferrule Terminals
- ☒ Ferrule Crimps
- ☐ Crimping tools?
- ☒ Wire ties
 - ☒ Small
 - ☒ Medium
 - ☒ Large
- ☒ Wire Tie Gun
- ☐ 2x Extension power cord
- ☐ 10x robot batteries
- ☒ Extra Electronics
 - ☐ NEOs
 - ☒ NEO-550
 - ☐ Spark Max
 - ☐ Radio
 - ☐ Switch
 - ☒ Through Bore Encoder

- ☒ Magnetic Limit Switch
- ☒ ToF Sensors
- ☒ Soldering Station
 - ☒ Iron and Stand
 - ☒ Solder
 - ☒ Helping Hands
 - ☒ Flux
- ☒ Zip Ties
 - ☐ 2x Zip Tie gun
 - ☒ Small
 - ☐ Med
 - ☒ Large
 - ☐ Velcro
- ☒ Zip Tie Mounts

Other

- ☐ Battery beak
- ☐ Voltmeter
- ☐ Measuring tapes
- ☐ 2x Calipers
- ☐ Box cutter
- ☐ Scissors
- ☐ Writing Utensils
 - ☒ Pens
 - ☒ Mechanical pencil
 - ☒ Silver Oil
 - ☒ Black Oil
 - ☒ Sharpie Black
 - ☒ Sharpie Silver
- ☐ 15x Safety Glasses
- ☐ 10x over glasses safety glasses
- ☒ Kn95 Masks
- ☒ 20x Battery flags
- ☐ Small Quick Clamps
- ☐ Big Quick Clamps
- ☐ C Clamps
- ☐ Microfiber Cloths
- ☐ Vacuum
- ☐ Broom
- ☐ Dustpan
- ☐ Cutting mat
- ☒ Trash bags
- ☒ Notepad
- ☐ Checklists
- ☒ Hot Glue Gun (+ glue sticks)
- ☐ Team Flag
- ☒ Ultrasonic Lead Detector
- ☒ 50% isopropanol Spray
- ☐ Pit Flooring
- ☒ 2X Small boxes/bins for putting hardware taken off robot
- ☒ Small whiteboard

- ☒ 3X clipboards for pit and strategy
- ☒ Laminated Strategy Sheets
- ☒ Driver Station Platform

☒ ~~1/4-20 All Thread~~

Raw Materials

☒ ~~Tape~~

- ☒ ~~Duct~~
- ☒ ~~blue painters~~
- ☒ ~~White Gaffers~~
- ☒ ~~Red Gaffers~~
- ☒ ~~Blue Gaffers~~
- ☒ ~~Black Gaffers~~
- ☒ ~~VHB~~
- ☒ ~~Teflon~~

☒ ~~Velcro (1" wide, 2" wide, Duallock)~~

☐ ~~4X Thunderhex~~

☐ **Loctite**

- ☒ ~~Blue~~
- ☒ ~~Red~~
- ☒ ~~Green (Gap)~~
- ☒ ~~Green (wick)~~
- ☒ ~~Thread Sealant~~

☒ ~~Metal cutting Dremel blades~~

☒ ~~Tap magic~~

☐ **Polycarbonate**

- ☐ ~~1/8"~~
- ☐ ~~1/4"~~

☒ ~~Aluminum Sheet~~

- ☒ ~~1/16"~~
- ☐ ~~0.090"~~

☐ **Aluminum Tube**

- ☐ ~~1X1X1/16~~
- ☐ ~~1X2X1/16~~

☐ ~~Aluminum Angle~~

- ☐ ~~1X1X1/16~~
- ☐ ~~1X1X1/8~~
- ☐ ~~2X2X1/8~~

☐ ~~Polycarbonate Tube~~

- ☐ ~~1X2X0.1"~~

☐ **PVC pipe**

- ☒ ~~1/2" Sch. 40~~

☒ ~~Teflon Sheet~~

☒ ~~Grip Material~~