

# Trailer work before IC comp 2025

Monday, April 28, 2025 5:40 PM

5/1/2025

- Ordered 3 leaf springs from Northern Tool
  - o <https://www.northerntool.com/products/trailer-spring-4-leaves-4500-lb-capacity-pr-model-sw4-125213>
- Ordered 2 Tires from Amazon
  - o Same as what we have now
  - o <https://www.amazon.com/Generic-Power-Towmax-Vanguard-ST225/dp/B0D4DBWPW3>

To be measured and ordered as of 5/1/2025

- Battery
  - o 1 year old, has 36 month free replacement?
  - o Main identifying sticker on the battery is missing doubt they would warranty because of this
  - o Can go to O'Riley's and get Alex discount
- Wheel Bearings (NEED to measure)
- New Chains (Approx. 2ft per side)
- Replace wooden deck on rear door?

John's shop May 6th or 7th? To complete repairs

# Pre-Pack Trailer Pre-IC Comp Checklist Check

Wednesday, May 7, 2025

11:58 PM

## Missing From Trailer

- ☐• 2/4 Fire Extinguishers
- ☐• 1/4 Jack Stands
- ☐• Suspension Army Box
- ☐• Driveline Army Box
- ☐• Power Tool Chargers
  - ☐◦ 1x Milwaukee M12 Charger
- ☐• Spare Air Tanks
- ☐• People Water
- ☐• Car Water
- ☐• Air Hose
- ☐• Suits, Helmets, Shoes
- ☐• The Car
- ☐• 4 Wheel Set (Dry)
- ☐• 4 Wheel Set (Wet)
- ☐• Large Generator
- ☐• Sheet Stock
- ☐• Plate Stock
- ☐• Fuck It Bucket
- ☐• Gas Tank (Argon)
- ☐• 2/2 Driver Bags (One Full, One Not)
- ☐• 1/2 Gas Cans
- ☐• Air Canister
- ☐• 2/4 Batteries
- ☐• Water Jugs
- ☐• Funnel
- ☐• Tech Binders
- ☐• Printer
- ☐• Registration Binder
- ☐• Scalec v
- ☐• Water Jugs
- ☐• Water in Reservoir
- ☐• Car Water
- ☐• People Water
- ☐• Water Tank
- ☐• Tire Valves
- ☐• Fastrack
- ☐• Charge Cart
- ☐• Charger
- ☐• Spare Intake
- ☐• Brake Cleaner

- ☐• Spare Sprockets
- ☐• Spare Chain
- ☐• Spare Master Link
- ☐• Tune Cable and a Spare
- ☐• Spare ECU (**N/A**)
- ☐• Spare MAP
- ☐• TPS
- ☐• O2 Sensor
- ☐• Backup Tunes (Toughbook)
- ☐• Spare Clutch
- ☐• Throttle Cable
- ☐• LV Boxes 6 - 20
- ☐• Connector Boxes
- ☐• Toughbook & Chargers
- ☐• Cone Logger
- ☐• LV Batteries (1 good, 1 bad)
- ☐• Test Day Box
- ☐• Vector Nav
- ☐• Corner Node
- ☐• Soldering Iron Station w/ Heat Gun
- ☐• Daq Pack
- ☐• Driver Radios
- ☐• Spare Throttle Wheel
- ☐• Spare Fuel Injectors
- ☐• Spare Spark Plugs
- ☐• Spare Coils
- ☐• Spare Fuel Pump
- ☐• Spare Fuel Hose
- ☐• Spare AN Hose & Fittings
- ☐• Spare Hose Clamps
- ☐• Extra Air Hose
- ☐• Pneumatic Programming Cable & Spare
- ☐• Fuses
- ☐• ECU Fuses
- ☐• Drexler Tensioner
- ☐• Drexler External Clips
- ☐• Drexler Internal Clips
- ☐• Spare Pneumatic Control Board
- ☐• CV Boots
- ☐• Axle Snap Rings
- ☐• Impact Gun
- ☐• "What You Put In The Impact Gun"
- ☐• Camber Shims
- ☐• Toe Shims
- ☐• Extra Nylon Countersunk #10-32 Fasteners (FW Endplates)

- ☐ • Extra 1/4-28 Panhead Fasteners (RW Endplates)
- ☐ • Extra Nylon 1/4-20 Fasteners (FW Mounts to Chassis)
- ☐ • Dremel w/ Dremel Things
- ☐ • 5 Min Epoxy
- ☐ • Rubber Endplate Trim
- ☐ • E-60 HP Adhesive and Applicator
- ☐ • Tension Cable
- ☐ • Turnbuckle Set

#### In trailer

- 4 Spools of Wire
- Tire Adapter
- Small Blue Generator
- Grinder (Smol)
- Design Binders
- Pit Cart
- Oil Absorber
- Husky Bolts Boxes
- Big Black Toolbox
- LV Cart
- Welder
- Air Compressor
- Battery Charger (Li-Ion)
- Battery Charger (Lil Red One)
- Oil
  - 2x 75W-90 Diff Fluid (Drexler Oil)
  - 1x DOT 4 Brake Fluid
  - 7x 10W-40 Motorcycle Oil
- Hole Puncher
- Bleeding Brakes Kit
- Stapler
- Camber Gauge
- Scale Holder
- Safety Wire
- CV Grease
- LV Boxes 1 - 6
- LV Toolbox
- Black LV Organizer
- 4 Spools of Wire
- 8 Gauge Battery Wire
- Full Wrench Set
- 3/8" & 1/4" Ratchet/Wrench (RW Mount
- 3/8" Ratchet & 4mm Socket
- 4.0mm Allen Key (Panhead Fasteners)
- 4.5mm Allen Key (FW Mount to Chassis & Carbon)

- Flat Head Screwdriver (FW Countersunk Screws)

**CHECK THE ROOF OF THE FUCKING TRAILER**

# Trailer Weight Investigation

Tuesday, May 27, 2025 8:47 PM

1096125132528  
TICKET NUMBER

**CAT SCALE**

**CERTIFIED  
AUTOMATED  
TRUCK  
SCALE**

CAT SCALE COMPANY  
P.O. BOX 630  
WALCOTT, IA 52773  
(877) 228-7225  
www.catscale.com

**THE CAT SCALE GUARANTEE**  
The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.

**WEIGH WHAT WE SAY OR WE PAY®**  
If you get an overweight fine from the state **AFTER** one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:  
(1) Reimburse you for the cost of the overweight fine if our scale is wrong, **OR**  
(2) A representative of CAT Scale Company will appear in court **WITH** the driver as an expert witness if we believe our scale was correct.

**IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:**  
1) Post bond and request a court date.  
2) Call CAT Scale Company direct 24 hours a day at 1-877-CAT-SCALE, ext. 7 (Toll Free) or visit www.catscaleguarantee.com for instructions.  
3) **IMMEDIATELY** send a copy of the citation, CAT Scale Ticket, your name, company, address, and phone number to CAT Scale Company Attn: Guarantee Department.

\* The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT and was weighed on a full length platform scale. All weights are guaranteed by CAT Scale.

DATE: 5-12-25

SCALE: 961	STEER AXLE	4120 lb
04:40 LOCATION: LOVES	DRIVE AXLE	6040 lb
PUBLIC WEIGHMASTER'S CERTIFICATE OF WEIGHT & MEASURE	TRAILER AXLE	7100 lb
I 75 EXIT 95	* GROSS WEIGHT	17260 lb
RICHMOND KY		

This is to certify that the following described merchandise was weighed, counted, or measured by a public or deputy weighmaster, and when properly signed and sealed shall be prima facie evidence of the accuracy of the weight shown as prescribed by law.

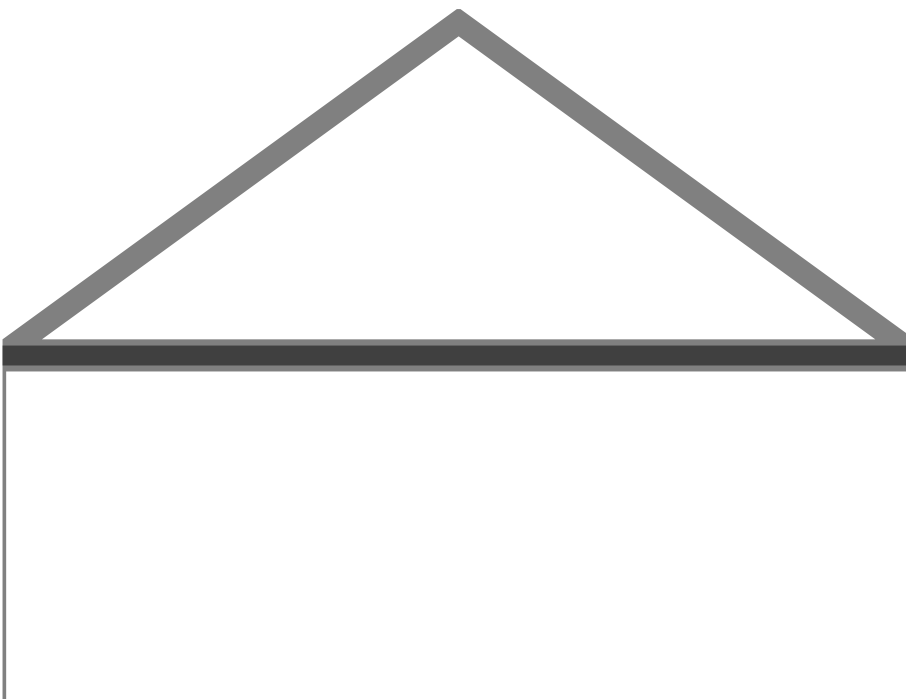
LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLES WEIGHED FREIGHT ALL KINDS

WEIGH NUMBER 2528

COMPANY PERSONAL TRACTOR # PICK UP TRAILER # NA

FEE \$14.75 WEIGHMASTER OR  
WEIGHER SIGNATURE Chris J. Free FULL WEIGH  
TICKET # (IF REWEIGH)

Patent Pending © CAT Scale® Reg 3187 0524 C-1137253



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Trailer  
Weight In...

assume real weights are 10lb lighter

Yellow Box

Weight (lb)

1	41
2	50
3	26
4	50
5	34
6	41
7	66
8	24

Pit cart

369

Screw boxes(assuming same weight as An1)

256

air mattresses

36

welding box

30

Tent

96(should be 120 according to tyler)



# Michelin 2025 Packing

Wednesday, September 24, 2025 3:42 PM

## Low Voltage:

- ☐ \*LV batteries 1 and 2
- ☐ Trailer NOCO Battery Charger
- ☐ \*BK Precision Power Supply

We should only bring the charger and not the cart

### =====SOLDERING=====

- ☐ \*Hakko FM-203
- ☐ \*Yihua 948 Hot Air Gun
- ☐ \*Chipquik Solder Flux
- ☐ Big spool of copper wick
- ☐ \*Multimeters
- ☐ \*Lead-Free Solder
- ☐ Leaded Solder
- ☐ KimTech Kimwipes
- ☐

### =====CRIMPERS+Tools=====

- ☐ \*DTM
- ☐ \*DT
- ☐ \*KNIPEX
- ☐ \*Molex
- ☐ \*Ferrule
- ☐ \*Deutsch Depinning Tool
- ☐ \*Klein Tools Dark Red handle
- ☐ Flytuo
- ☐ \*Flush Cutters
- ☐ \*Scissors
- ☐ \*\*Electric Screwdriver"
- ☐ \*X-ACTO Knives (the wooden box)
- ☐ \*FLIR C5
- ☐ Round Connector Depinning tool
- ☐ \*Tweezer Kit
- ☐

### =====CONNECTORS=====

- ☐ \*DTM Organizer
- ☐ \*DT Organizer
- ☐ Bag of additional DT male and female pins
- ☐

### =====ORGANIZERS=====

- ☐ \*Clear LV Box labeled "Through Hole Resistor"
- ☐ \*Small Parts Drawer (MUST be sealed)
- ☐ \*Heat Shrink organizers
- ☐ EV Powertrain MODULE
- ☐ Ferrules + Ring Terminal
- ☐ Molex Conn
- ☐ RING TERMINALS
- ☐ \*BOX ALL
- ☐ \*\*"Resistor Pokemon"
- ☐ \*Fuse Box
- ☐ Zener Diodes
- ☐ M3 Plastic Spacers
- ☐ M4 Plastic Spacers
- ☐ \*Anderson's
- ☐ \*Micro Controller
- ☐

### =====Other=====

- ☐ \*Velcro "Fuzzy Side"
- ☐ \*Velcro "Rough Side"
- ☐ \*Split Sheathing
- ☐ \*Saran Wraps
- ☐ \*Super Glue Gel
- ☐ \*Super Glue Liquid
- ☐ AAA Batteries
- ☐ AA Batteries
- ☐ \*Spare VCU
- ☐ Pocket Scale
- ☐ \*Kapton Polyimide Tape
- ☐ \*Orange Electrical Tape
- ☐ \*Black Electrical Tape
- ☐ \*Spare E-Stop
- ☐ \*Spare Key Switches
- ☐ \*At least multiple IEC C13 Power cords

### =====DAQ=====

- ☐ Chance's DAQ Stuff Box
- ☐ DC12-24v to 5v USB-C
- ☐ DAQ Pack

## Mechanical:

- ☐ 4 fire extinguishers
- ☐ 4 jack stands
- ☐ 3 tall jack stands (acc)
- ☐ Suspension box
- ☐ Bearing box (?)
- ☐ Test day box
- ☐ Driveline box
- ☐ Milwaukee tool bag
  - ☐ Milwaukee M18 batteries
  - ☐ Milwaukee M12 batteries
- ☐ Milwaukee power tools
  - ☐ Drill
  - ☐ Impact
  - ☐ Ratcheting wrench
  - ☐ Angle grinder
  - ☐ Inflator
  - ☐ Shop vac
- ☐ Milwaukee M18 + M12 combo charger
- ☐ Distilled water
- ☐ Driver equipment (emil, dom)
- ☐ Whichever set of wheels (wet/dry) are not mounted on the car
- ☐ Diff fluid
- ☐ brake fluid
- ☐ Radios
- ☐ Tripod oil
- ☐ Useful chemicals (brake cleaner, etc)
- ☐ Tension cables
- ☐ Turnbuckles
- ☐ Composites/Aero Box (Plastic clear)
- ☐ Front Wing (All hardware on wing including mount hardware)
- ☐ Rear Wing (All hardware on wing including mount hardware)
- ☐ Safety Wire
- ☐ Scales
- ☐ Brake bleeding kit
- ☐ Scales
- ☐ Generator

## General:

- ☐ Regu lar Tent(s) from dyno
- ☐

Charger

- ☐ Toughbook (Dell)
- ☐ Softbook (Panasonic)
- ☐ Milwaukee batteries
- ☐ Milwaukee battery chargers
- ☐

- ☐ DAQ Pack
- ☐ Charge Cart
- ☐ Acc insertion lift thing + blocks
- ☐