

# ***Truck and Tractor Pull***

## *Chairperson(s)/Contact Information:*

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## **GENERAL TRACTOR RULES:**

- Tractor and engine must be brand name manufactured 40 years old or older in stock condition.
- No locked rear-ends.
- Each tractor may pull only once per weight class.
- Tractor must be running when crossing the scales.
- Driver must be seated with one hand on the steering wheel and have full control of the tractor at all times until the pull is over. **DRIVER MUST WATCH FLAGMEN AT ALL TIMES.**
- During hook up, tractor must be in neutral with the driver's hands in the air.
- The pull ends when the forward motion of the tractor stops, or the tractor goes over the side or end boundaries, or the flag is dropped. Tractor must remain in boundary lines, including during test pull.
- Digging holes with tires is not allowed.
- Any object falling off the tractor will result in the tractor being disqualified.
- Tractors must be in a safe operating condition.
- Weights shall NOT extend beyond the front, the tractor frame, and/or sheet metal by more than 2 feet.
- Weights will NOT be allowed behind the hitching point.
- Alcoholic beverages are **NOT** allowed on the Osceola County Fairgrounds. Consumption will result in immediate disqualification, and possible ejection from the property.
- Driver must sign a waiver. Drivers under 18 years of age must have a waiver signed by a parent or legal guardian. Drivers 16 years of age and younger must be accompanied by an adult. Adult must be in close proximity of the driver at all times and be capable of shutting down the tractor in the event the driver is endangered.
- Tractors must have working brakes.
- Driver must attend the drivers' meeting the day of pull and must know the contents of the meeting.
- Tractor and driver must WEIGH in before each HOOK.
- Tractor and driver must be at starting gate when number is called or will forfeit the turn.
- Each driver is allowed 2 attempts within the 25' mark, 2nd attempt is official.
- The Osceola County Fair's Tractor Pull grievance committee will address any controversy over these rules and the committee will make the final decision.
- Reckless operation or unsafe acts on the track or pits could cause expulsion.

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- Any violation or failure to comply with these rules will result in immediate disqualification. Anything not covered by these rules will be discussed and acted upon by the officials.
- Awards will be presented at the conclusion of pull & awards will not be shipped.
- Wheelie Bars are mandatory on all Tractors.
- This page shall become a part of the rules for each class, including Garden Tractors.
- Speed limit will be announced at the Drivers meeting.
- The Osceola County Fair Association reserves the right to change classes or rules at any time.

## ***SUPER ANTIQUE TRACTOR RULES / 40 YEARS AND OLDER:***

- Maximum tire size 24.5.
- Steel wheels, radial tires and dual wheels are not allowed. Cut tires are allowed.
- Maximum height of draw bar is 20" to hook point, draw bar length is 18" minimum from center of wheel to hook point.
- Tractor must be equipped with removable clevis or 3" pull ring.
- Must use factory fuels only: gasoline, CAM II or aviation fuel, and no additives.
- Diesels must have air intake flapper.
- Factory RPMs – fast idle maximum – checked with Tachometer with hand throttle full open within 30%.
- Tractor must have working brakes.
- **MANDATORY WHEELIE BARS** (see specifications) **AND KILL SWITCH.**
- Weight racks allowed as follows:
  - Front weight not to extend more than 11' from center of rear axle.
  - Rear weight not to extend past rear tire.
  - All weights must be secured to the weight rack.
  - All weight racks must be stationary.
- **PULLING MUST BE IN FIRST OR SECOND GEAR ONLY.**
- Shifting TA's permitted.
- It is the puller's responsibility to provide proof of tractor's eligibility.
- *Classes:* 3500 | 4500 | 5500 | 6500 | 7500 | 8500 | 9500 | 10500
- Speed limit will be announced at the Drivers meeting.
- **GENERAL RULES APPLY TO ALL CLASSES.**

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## ***OPEN GEAR TRACTOR RULES / 40 YEARS AND OLDER:***

- Tire sizes up to 24.5 allowed.
- Cut tires are allowed.
- Maximum height for draw bar is 20" to hook point; draw bar length will be 18" minimum from center of wheel to hook point.
- Draw bar must be fixed in all directions – **FLOATING DRAW BARS ARE NOT ALLOWED.**
- Tractor must have closed ring hitch – 3" or more I.D., and tractor must not obstruct chain or clevis.
- Factory fuels allowed: Kerosene, diesel fuel, propane, gasoline, Cam II or aviation fuel. Nothing may be injected.
- Tractor must have working brakes.
- Tractor must have WHEELIE BARS (see specifications) **AND MUST HAVE A KILL SWITCH. THESE ARE MANDATORY.**
- Tractor must have original frame, original stock motor mounts, and the same cylinder motor as the original.
- **PULLING IN FIRST GEAR IS NOT ALLOWED, MUST PULL IN SECOND OR HIGHER.**
- Weight racks allowed as follows:
  - Front weight not to extend more than 11' from center of rear axle.
  - Rear weight not to extend past rear tire.
  - All weights must be secured to the weight rack.
  - All weight racks must be stationary.
- *Classes:* 3500 | 4500 | 5500 | 7500 | 8500 | 9500 | 10500
- It is the puller's responsibility to provide proof of tractor's eligibility.
- **NO ONE IS ALLOWED IN FRONT OF THE SLED DURING THIS CLASS.**
- **GENERAL RULES APPLY TO ALL CLASSES.**

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## ***V-8 CAR MOTOR TRACTOR RULES:***

- 3" maximum air intake on V-8s.
- Fuel: gasoline, CAMII, or aviation fuel.
- 5000 RPM limit.
- Must have roll cage.
- Driver must wear fire suit and helmet.
- Must have strap, safety blanket.
- **MANDATORY WHEELIE BARS** (see specifications) **AND KILL SWITCH.**
- **NO ONE IS ALLOWED ON THE FRONT OF THE SLED DURING V-8 CAR MOTOR CLASS.**
- Weight classes: 4500 | 5500
- It is the puller's responsibility to supply proof of tractors's eligibility.
- Tractor must be weighed in before pulling and must be at the starting gate when number is called or will forfeit the turn.
- **GENERAL RULES APPLY TO ALL CLASSES.**

## ***TURBO TRACTOR RULES:***

- Maximum tire size is 24.5 x 32.
- Tractor must have original stock motor mounts and no more cylinders than the original motor.
- Turbos must be shielded with 1/8" aluminum or 1/16" steel with 3/8" cable around the motor.
- Closing ring hitch of 3" or more ID is mandatory, and tractor must NOT obstruct chain or clevis.
- Draw bar maximum height is 20" to hook point. Must be fixed in all directions. **FLOATING DRAW BARS ARE NOT ALLOWED.**
- The length of the draw bar is 18" maximum from center of wheel to hook point.
- Flywheels must be shielded with a minimum of 1/4" steel plates, or the equivalent. Applies to 4500# through 10,500#.
- Gasoline, diesel fuel, CAM II, aviation, or propane allowed.
- Low-pressure water injection only. **IF YOU CAN LIGHT IT WITH A MATCH OR CIGARETTE LIGHTER. YOU CANNOT USE IT!**
- One fuel injection pump or carburetor of any size is permitted.
- Tractor must have exhaust **STRAIGHT UP.**
- Driver must wear fire suit and helmet.
- Must have roll bars installed.
- **MANDATORY WHEELIE BARS** (see specifications) **AND KILL SWITCH.**
- Turbo tractor RMPs:

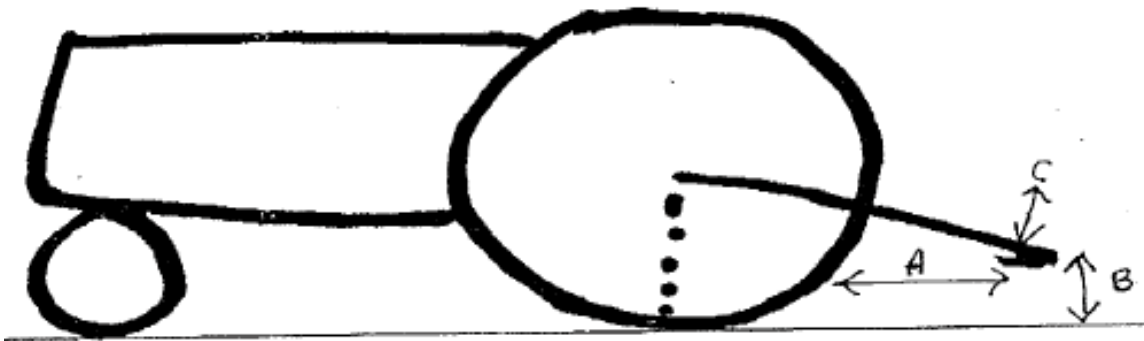
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- 4500 # through 6500# - maximum 4000 RPMs
- 7500 # through 10500# - maximum 3400 RPMs
- Pull in gear of choice.
- Weight racks will be permissible:
  - Front weights not to extend more than 11' from center of rear axle.
  - Rear weights not to extend past tire.
- *Turbo Classes:* 4500 | 5500 | 6500 | 8500 | 9500 | 10500
- **NO ONE IS ALLOWED ON THE FRONT OF SLED DURING TURBO CLASSES.**
- **GENERAL RULES APPLY TO ALL CLASSES.**

## **WHEELIE BAR DIAGRAM:**

- DIMENSION A – 6" MINIMUM FROM CLEAT ON TIRE TO BACK OF PAD.
- DIMENSION B – 10" MAXIMUM HEIGHT OFF GROUND.
- DIMENSION C – 20" MINIMUM ACROSS PADS.



**\*\*\*THE WHEELIE BAR SYSTEM MUST BE ABLE TO SUPPORT THE WEIGHT OF THE TRACTOR IN THE HEAVIEST CLASS PULLED\*\*\***

**\*\*JACKING UP THE PADS SO THE TRACTOR IS COMPLETELY OFF THE GROUND IS A GOOD TEST\*\***

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# ***Truck and Tractor Pull***

## ***GENERAL TRUCK RULES:***

- Must have Receiver Style Hitch fixed in all directions, not to exceed 26 inches to the top of hook point, with a minimum 3 inch inside diameter. 2WD modified class allows 28 inches.
- All classes have a two-driver limit, per truck/class.
- D.O.T. approved tires only.
- No loose weights -all weights MUST be secured, no hanging weights or weights exceeding the bumpers in stock classes.
- Sled chain may be lengthened or raised for a pull off by track officials.
- At the end of pull, back out of throttle so sled does not ram rear of truck.
- All trucks must cross the scales immediately before they pull.
- Failure to follow flagman's instructions (stop for red flag) will result in a disqualification.
- *Age Restrictions:* Drivers must be at least 14 years of age with parental consent.
- Diesel trucks pull the Diesel Class only.
- All trucks must be safe to pull at the track official's discretion.
- NO *Nitrous Oxide Systems* or propane permitted in any class.
- All diesels with open (after-market) exhaust must have safety crosses installed after the turbo.
- 4X4 may disengage and pull in 2WD

## ***Gas Truck Classes Rules:***

- 2-WD Street Stock:
  - Limited to 5,200 Lbs.
  - D.O.T. approved tires or under 35 inches
  - Naturally aspirated only (no NOS)
  - A fire extinguisher in the cab or accessible to the driver.
  - Kill switch
  - All other General/Safety Rules apply
  - Hitch not to exceed 28 inches
- 2-WD Modified:
  - Limited to 5,200 Lbs.
  - D.O.T. approved tires or under 35 inches
  - Naturally aspirated only (no NOS)
  - A fire extinguisher in the cab or accessible to the driver.
  - Kill switch
  - All other General/Safety Rules apply
  - Hitch not to exceed 28 inches

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- 2-WD Heavy:
  - All 2 Wheel Drive Trucks exceeding the 6,200 Lb. limit
  - All other General/Safety Rules apply
- 4x4 Street:
  - Limited to 6,400 Lbs.
  - D.O.T. approved tires
  - One ton or less factory type drive train with factory suspension in place.
  - All other General/Safety Rules apply
- 4x4 Modified:
  - Limited to 6,400 Lbs.
  - D.O.T. approved tires or under 35 inches
  - Naturally aspirated only (no NOS)
  - Hanging weights may not extend more than 60" from centerline of front axle.
  - Hitch must be a minimum of 36" from centerline of rear axle.
  - All other General/Safety Rules apply
- 4x4 Heavy:
  - All 4X4 Trucks exceeding the 6,400 Lb. limit
  - D.O.T. approved tires only.
  - Naturally aspirated only (no NOS)
  - All other General/Safety Rules apply

## ***Diesel Truck Classes Rules:***

- Work Diesel:
  - Limited to 8,000 Lbs.
  - No hanging Weights
  - Stock motor and drive train, stock turbo
  - Aftermarket computers/programmers, exhaust and air intake permitted
  - This class is for the everyday driver and new comers
  - Any truck dominating the class will be moved to SD for the new season

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- Street Diesel:
  - Limited to 8,000 Lbs.
  - Hanging weights may not extend more than 60 inches from the centerline of front axle.
  - Aftermarket Turbo (2.6 or smaller)
  - Blocked rear ends permitted
  - Aftermarket computers/programmers, exhaust and air intake permitted
- Outlaw Diesel:
  - Limited to 8,000 Lbs.
  - Hanging weights may not extend more than 60 inches from the centerline of front axle.
  - Aftermarket Turbo (larger than 2.6)
  - Blocked rear ends permitted
  - Aftermarket computers/programmers, exhaust and air intake permitted
  - All Trucks with performance modifications not permitted in WD or SD Classes, not exceeding 8,000 lbs.
- Heavy Diesel:
  - Any Diesel truck that exceeds 8,000 Lbs.
  - All standard rules - Hitch, safety, and overall conduct apply

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