

Rules for Year 2021
Shawano County Fair Demolition Derby

www.shawanospeedway.net

Full Sized Semi Stock '77 - '02

(motor swap)

Fair and Speedway Rules

- a. All contestants are required to register with their car at the fairgrounds at least 45 minutes prior to show time. Registration will begin about 2 hours before show time. **REGISTER EARLY!!! REGISTRATION WILL CLOSE 45 MINUTES BEFORE SHOW TIME!!! INSPECTION OF CARS WILL END 30 MINUTES BEFORE SHOW TIME!!!**
- b. Alcoholic beverages will not be allowed on the track or the pit area. Anyone believed to be unsafe in the pit area will be removed.
- c. A registration fee for all cars and drivers is required per show. Pit people will be required to pay \$20.00 for a pit pass per show. Anyone in the pit area will have a pit pass or be removed. **Once you have been registered, your car will be inspected by a judge. If the judge determines that your car is illegal but can be modified to comply with the rules, you will be given the option to either make the changes necessary or withdraw. If you withdraw, you may remain in the pits, but you will not receive a refund of you entry fee.**
- d. All drivers and pit people **under the age of 18** must have a **NOTARIZED** consent from a parent or guardian **PRIOR** to registration. All drivers must be 16 years of age or older **NO ONE UNDER THE AGE 10 WILL BE ALLOWED ON THE TRACK AREA AT ANY TIME. THIS WILL BE STRICTLY ENFORCED!!** . Personal vehicles will be allowed in the pits.
- e. *Each car may be entered only once per class!! Each driver may enter each class only once per show!!!
- f. All events have boundaries that you will be advised about. If you don't stay within them except as directed by an official, you will be disqualified.
- g. Any type of collision is legal except your disregard of another driver's safety. Holding will not be allowed. A count will be started.
- h. The last car in the heats or the finals will be the winner. The car must be moving with the motor running, but not moving on the battery.
- i. Sincere and orderly disputed decisions from the **driver only** will be considered. If any contestant or pit-person causes a disturbance over a judge's decision, the driver and car will be disqualified and the person may be ejected. Remember drivers - your pit people are your responsibility.

- j. All cars will be inspected before the derby and before each heat or anytime deemed necessary by the judges, in designated areas. **DON'T FORGET - INSPECTION CLOSSES 30 MINUTES BEFORE SHOWTIME!!**

NO IMPERIALS

1. Remove all glass, chrome, plastic, moldings, headliner, flammable material, A/C coolant, antifreeze, trailer hitches and interior decorating.
2. Stock gas tank must be removed. A small metal tank must be mounted in the rear seat area. The tank must be very secure and covered. Use proper rated fuel lines, Plastic tanks must be in a metal box. NO EXCEPTIONS
3. Electric fuel pump allowed but switch must be clearly marked on/off.
4. No more than (2) batteries allowed which must be relocated to front passenger floor, secured and covered.
5. Floor shifter allowed. Ignition and wiring modifications (hotwire) allowed.
6. Hood must have 12" x 12" minimum hole to easily extinguish fires. Extra hole(s) in hood not required if header holes are least 12" x 12".
7. After market steering columns allowed.
8. Drivers need to have two vertical straps or chains spaced evenly apart across windshield opening to protect the driver from a possible loose hood during the competition. Metal straps may not exceed 1" wide x ¼" thick and chain not to exceed 1" links both can be bolted, no welding.

Bumpers

Any bumper allowed You may weld any car bumper to the frame. Homemade bumpers allowed must be similar to a 74 Chevy bumper NO ax points must be spread out . 1/2" pass around bumper to frame or shock. If your car comes with shocks you may weld them. You may weld bumper brackets lightly in stock position do not slide back. Shock cannot go any farther back in frame then 8 inches from where you hardnose bumper. Two strands 2 loops not to roof one per side to hold bumper on. Or a 6-inch piece of ¼ flat stock 2 inch wide. (Refer to frame section on shorting rule.)

Body Mounts and bolts

Can change out all body bolts. NO bigger than ½" bolts may be hardened with a 3"x3" ¼" thick washer max on top and bottom of bolt. NO ADDITIONAL BODY BOLTS MAY BE ALLOWED ANYWHERE! Can remove rubber mounts and body solid to frame.

EXTRA BOLTS

Fenders may have up to 3 3/8 bolts per fender, you may have up to 6 3/8 bolts per cut out hole in hood

HOOD

You must have open for inspection. After you pass inspection, you may chain or bolt your hood in 4 spots. Bolts 1 inch MAX two may go to frame the other sheet metal to sheet metal the two that go to frame must be in stock position 1 one inch weld on each side of rod are allowed. No more than a 6-inch spacer 3x3 max, no welding of any kind on spacer must be between top frame and bottom of core support.

TRUNK

Trunk lids must be bolted with four rods no less than 3/8" but not more the 1" or can be chained with four chains. 2 can be attached to frame, 2 must be sheet metal to sheet metal (hinges don't count). 50% of your trunk lid may be tucked but not solidly bolted to the floor or trunk lid can stay in its factory position. No tucking of quarters. No wedging of rear. Tail light piece must remain in its factory position. Tailgates on station wagons must be chained with four chains with 1" links.

Doors

All doors must be chained (1" or less) or plated shut. Drivers door can be welded shut or have 2 chains per seam. Door welds can have 3x5 plate no thicker than 3/16" 4 points no more than 2 per seam. Inner door posts covers must be removed. No duct tape on door posts. No extra bolts. No self-tapering screws or 9" wire.

FRAMES

Frames must be stock if your car of choice has a front upward pitch it must have a upward pitch In this class.

No tipping, cold bending, pressure whatever. If your frame is altered you will Put it back to that state or not run. You may shorten frame on 80 and newer Lincolns and mercury's up to the weld of the most front of body bolt tab were its welded to frame. Do not create the perfect frame [example caddy front stub on a wagon rear, 70s Electra on a wagon body] not permitted.

Safety Bars

You may run a dash bar and a seat bar they may be connected you may only have 4 down legs are allowed 2 off back seat bar the other 2 can be off door bars behind rear most part off firewall seam were doors and firewall meet. You may also weld a plate on the driver's door 2" past door seam; 1/4 max thick; 12" tall. One chain can go from seat bar or dash bar to body only. Roll bar recommended off back seat bar only must be in the middle of roof vertical only no angle to rear of car. Please bolt to roof in 2 places. Back seat bar must be within 8 inches of the back of the driver's seat. 6 inches of seat on 2 doors. Down legs to body only. Fuel cell box or protector or cage must be 4 inches away from anything behind it and 3 inches off floor. 4x4 max material. Door bars 60 inches max must be at least

6 inches from wheel well. NO BACK-WINDOW BARS

Rear-ends

You may run a 5 lug car type rear-end, NO truck rear-ends except a simple 9 inch 9 inches allowed weld on perches that's it. Due to shortage of axles you may buy aftermarket axles, 33 spline max. You may have simple braced rear end nothing extreme. Cannot be placed to strengthen frame.

A arms steering box

Front upper and lower A arm, steering boxes**** must be stock ford to ford gm to gm

SPINDALS

Car spindles may be interchanged with other car spindles no truck or aftermarket spindles period.

RADIATORS

Stock or Aluminum only. No protectors. you may put a ¼ mesh in front of radiator 2 inches wider than the hole in front of radiator or air condenser unit.

Engines & Drivetrain

Transmission must be a factory Aluminum stock trans or this aftermarket aluminum bell **J.W. 92451 TH400 Th400 Bellhousing you may only connect bell to pump bolts only. No other bell is allowed. All rules apply below.**

Tran's coolers allowed, lines must be safely protected, no bigger than 2-inch max tubing ¼ wall for cross member. 3-inch channel. Do not pressure your transmission into tunnel there must be a significant space [1 inch or more] between your trans and tunnel. Do not design anything off your trans to catch crossmember. Stock bolt size for transmission mount 7/16.

Motors may be swapped, example: Ford to Chevy. Stock type driveshaft only, Slider driveshaft allowed you may weld stock driveshaft. Simple trans adapter plates allowed nothing more than 1 inch higher then trans.

Basic Lower cradle may be used no pully protectors

Tires

No welded rims or rims that have been modified for reinforcement. No studded tires will be allowed. Welded valve protectors will be allowed. All wheel weights must be removed from rims. Tires are air filled.

SUSPENSION

Suspension may be altered with springs only. No spacers, homemade springs cannot chain, weld or bolt suspension arms down. May run bigger racing style spring perches on the rear end to run front springs in the rear. Rear springs must be chained in with one chain per spring 1" links or clamped to rear end with also one clamp per spring but not both. Must bolt one piece of chain 1" links vertically on both sides from the top front a-arm to the bottom a-arm to hold spring in if ball joint would break. Cannot be used

to gain height, just for safety. Must run year and style of a-arms and steering to the year and style of car you are running. NO welding on any steering parts. After market steering shafts and wheel are ok to run. If running a leafed spring car, you may add two leaf's per side equal to size of the factory ones. Can have up to four clamps per side to hold leaf's together. May chain the humps with one chain per side 1" links. One loop around frame down and around rear end. Upper a-arms can be welded down with two 3" x 6" x ¼" flat stock strap. One on each side of arm in place of changing the springs out. GM's will be allowed to run a straight or curved 2" x 16" x ¼" flat plate on the outside of the hump face.

****THE DECISION OF THE JUDGES IS FINAL!!**

Any questions contact: Jamie Clark 715-509-0070 or Tony Hokenstad 715-851-3286