

Rules for Year 2019
Shawano County Fair Demolition Derby

990 East Green Bay Street, P.O. Box 454

Shawano, WI 54166

www.shawanospeedway.net

Compact, Midsized Cars and Mini-vans

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 your 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 OF 10 WILL BE ALLOWED IN THE PIT OR 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 CLOSING 30 MINUTES BEFORE SHOWTIME!!**

Compact, Midsized Cars and Mini-vans

1. THE CAR:

COMPACT: Any 2 or 4 door sedan or station wagon with a wheel base of 99" or less, 4 cylinder only, will be allowed. Can be rear wheel drive. No AMC.

MIDSIZE: Any 2 or 4 door sedan or station wagon with a wheel base over 101" will be allowed, 4 and 6 cylinders only. Can be rear wheel drive. No buses, trucks or 4x4's. No convertibles or full framed cars in either class are allowed. Manufacturer of engine and vehicle must match in both classes.

MINI-VAN: Any 4- or 6-cylinder van can be used. Front or rear wheel drive including Astros. No 4x4 or full framed vans.

If any Small trucks, Mini-vans, and SUV's have a V-8 Engine they will have to run with the full sized trucks.

2. ALL WINDOWS, TAILLIGHTS, HEADLIGHTS, CHROME, AND MIRRORS MUST BE REMOVED BEFORE COMING TO THE FAIRGROUNDS. Glass falling from the car on the track will result in immediate disqualification.

3. Drivers need to have a screen windshield in front of the driver's compartment. We require 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 1/4" thick and chain not to exceed 1" links both can be bolted no welding.

4. All doors must be chained. Can have up to three chains per door one loop only. Driver's door can be welded shut or can have four chains on it. No bolts or plates between the front fender and front door on the passenger side. Inner door post covers must be removed. No duct tape on door posts, no extra bolts self-taping screws or #9 wire. Chains only on doors.

5. Hoods must be bolted with four bolts no less than 3/8" but not more than 3/4" or can be chained with four chains with 1" links or can use two 3" long pieces of angle iron for the back, two hold downs can be placed on top of fender to the hood, one max 3/8" bolt through the angle iron to hold the two together and two 3/8" bolts with 1" washer per piece of angle to hold to car. Can mix and match four hold downs max on hood and no welding. All hoods must have a 14" square fire hole. Washers not to exceed 6" x 6" x 1/4" in size on top of the hood and a 3" washer max on the rods to hold them in place. Front two head bolts may go through front body mount. If the hood has been removed, the fan must also be removed.

6. Trunk lids must be bolted with two rods no less than 3/8" but not more than 3/4" or can be chained with two chains. 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 can be chained with two chains with 1" links.

7. Any four-door hard top without a center post must add a chain from the roof to half way down the door where the center post would normally be. Links in the chain to be no larger than 1" in diameter. This must be done on both sides.

8. Fenders may be trimmed or removed but not reinforced. Cars that have previously been used in a demolition derby and need sheet metal repair May use 1/4" bolts to make such repairs. Use only as many bolts needed to secure the sheet metal in place.

9. 4-point cage Made of maximum 4x4x1/4 tube, channel, or pipe NO galvanized. Needs to be at least 10in above the top of the rocker. Side bars are to be a maximum of 60in long. Bars can be welded or bolted together and attached to vehicles sheet metal only. May have a down leg on all four corners from cage to rocker can be attached to vehicles sheet metal only. Gas tank protectors back can be tight to sheet metal. Sides need to be at least 10in in from side doors. It can only be attached to cage no other part of car. Halo bar made of the same size material can be use. Can be welded or bolted on. NO other kickers or bracing will be allowed on cage.

10. Bumper shock tubes may be welded solid. Bumpers may be trimmed but not sharpened. All trailer hitches must be completely removed. A chain, not larger than 1" link, attached to the top of the frame, wrapped tightly around the bumper once, and then attached on the bottom of the frame. The chain may have 3 welded links.

One on top of the frame, one on the bumper, and one on the bottom of the frame. This should be done where the bumper is attached to the frame or chain can be rapped through the core support around the bumper and then bolt the two ends of the chain together back bumper must also be chained and bolted to car. All plastic bumpers must be removed.

Mid-size and Mini-van: Can run any type of car bumper no truck bumpers or can run a straight piece of 4" x 4" square tubing 1/4" thick wall, ends have to be uncapped and has to fit to the width of the vehicle. No other type of tubing, pipe, or c-channel can be used to make a front or back bumper with. Front Bumper can be held on with four 2" welds on bumper shock plate or can be bolted with four bolts up to 3/8" thick and 1" washer and may use harden bolts. Back bumper can be bolted only no welding.

Compact: Can run any smaller car type bumper. No truck bumpers or can run a strait piece of 4" x 4" square tubing 1/4" thick wall, ends have to be uncapped and has to fit to the width of the vehicle. No other type of tubing, pipe, or c-channel can be used to make a front or back bumper with. Front Bumper can be held on with four 2" welds on bumper shock plate or can be bolted with four bolts up to 3/8 " thick and 1" washer and may use harden bolts. Back bumper can be bolted only no welding.

11. Suspension may not be blocked or altered. No coil over shocks. Non strutted Coil springs maybe chained in with one chain per spring 1" links. No reinforcing.

12. Rear wheel drive cars can weld pumpkin gears. NO slider drive shafts, duct tape on u-joints, homemade cross members factory to your car only, engine cradles, distributer protectors, braced rear-ends or aftermarket axle shafts. All cars may chain engine with two chains bolted only. No welding, no rust repair of body or frame, only on floor boards, no great stuff in frame rails or body panels, no loaded bumpers, no reinforcing of any kind.

13. Tie rods must have stock style ends on them, but can be reinforced on the middle of the rod. NO after-market styles allowed.

14. No welded rims or rims that have been modified for reinforcement. No studded tires will be allowed. Welded valve protectors will be allowed. Tires must be dot rated no curb kickers no foam inside tires. Tires can be double stuffed. All wheel weights must be removed from rims.

15. No car will be allowed to participate with the radiator or transmission cooler relocated. Radiator must be stock, containing water only, no auxiliary coolers allowed. May be held in with stock brackets or two bungee cords or two ratchet straps. Heater core under dash must be looped or relocated to the engine compartment for driver's safety. No homemade radiator protectors. Due to EPA regulations, NO ANTI-FREEZE WILL BE ALLOWED IN THE RADIATORS. WATER ONLY ALLOWED. Make sure you flush your system. Have radiator caps removed before going to inspection. All cars must have air conditioning hoses disconnected before arriving at the fairgrounds.

16. All gas tanks will be moved inside the car and securely fastened. State approved gas tanks with all connections properly sealed must be used. Fuel cells are acceptable. All original gas tanks must be removed. Electric fuel pumps must have emergency shut-off and must be clearly marked. Gas cans are not allowed. Only gasoline or diesel fuel will be used for fuel and gasoline must be in red well-marked cans and diesel must be in green well-marked cans. All gas line connections must be double clamped. We also strongly recommend that each pit crew carry its own fire extinguisher for use in the pits only.

17. BATTERIES: All batteries MUST be moved inside the car, and MUST be bolted with a 4-point hold down system and MUST be covered for the protection of the driver.

18. ALL DASHBOARDS AND AIR BAGS MUST BE REMOVED. Must remove all plastic that you can without tampering with the vehicles wiring. Will be officials call if more needs to be removed. You may have a dash bar and a rear seat bar. Both bars must have a minimum thickness of 1/4", may be square or round, with a

minimum of 3" diameter and a maximum of 6" diameter. The rear bar must be mounted post to post behind the driver's seat and must be mounted 3" up or down from the center of the seat – not including the head rest. It may be welded or bolted to sides. If plates are used, they are not to exceed 8" x 8" with a maximum thickness of 1". Bolts used, not to exceed 3/4" in diameter. Front dash bar must be mounted horizontally above the steering column as far forward as possible. This, too, may be welded or bolted. Both bars must have a safety chain secured around it and secured through the floor or the fire wall to the frame for safety. No galvanized pipe allowed. A driver's door ONLY bar may be mounted on the inside of the car from the front bar to the rear bar. This may be welded or bolted in. No bar may exceed 6" in diameter and MUST be padded for the driver's safety. can run roll over bar across the top of vehicle cannot go down to the floor of vehicle and can be welded or bolted to the back-door post bar also can have two bolts go through the top bar through the roof skin to hold it in place.

19. BRAKES all vehicle must have full working brakes before entering the track. If you have no breaks you will not run. Safety hazard to people in the pits and on the track

20. Stick to the rules. If it's not in the rules also means it is illegal to do to your vehicle. This event is set up for the fun of the drivers and fans let's keep it fair and fun for everyone If any question arises as to the legality of a car, bring it to the attention of an official before the pit meeting.

THE DECISION OF THE JUDGES IS FINAL!!