

## Rules for Year 2019

### Shawano County Fair Demolition Derby

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

Shawano, WI 54166

[www.shawanospeedway.net](http://www.shawanospeedway.net)

### 1980 & Newer – Full Size Super Stock

#### 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!!**

#### 1980 & Newer – Full Size Super Stock

1. 80-newer 2 & 4 Door Sedans, Hardtops, or Station Wagons. Also, if body style is the exact same as the 1980's body style, car may compete in 80 & Newer class. (Example: 1977 Chevy Impala & 1980 Chevy Impala body styles are the exact same.) Can only run 03 and newer Fords if run with the stock aluminum cradle? No buses, trucks or 4x4's
2. All cars must be equipped with satisfactory seat belts. Drivers must wear a satisfactory helmet. Seat belts and helmets must be worn at all times when on the track. Failure to do so will mean immediate disqualification. Shoulder harnesses are recommended. All drivers must wear some

Type of eye protection, e.g. safety glasses, helmet shields, etc. at all times on the track.

NO

SMOKING at any time while on the track

3. 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
4. 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.
5. All doors must be chained. Can have up to three chains per door one loop only. One chain per door can go around frame. Driver's door can be welded shut or can have four chains on it in which two can go around frame. No bolts or plates between the front fender and front door on the passenger sides. Inner door post covers must be removed. No duct tape on door posts. No extra bolts. No self-tapering screws or #9 wire. Chains only on the doors of vehicle.
6. Hoods must be bolted with four bolts no less than 3/8" but not more than 1" or can be chained with four chains with 1" links or can use two pieces 3" long, pieces of angle iron for the back two hold downs can be placed on top of fender to the hood. One max 3/8in bolt through the angle iron to hold the two together and two 3/8 bolts 1in washer per piece of angle to hold to car. Can mix and match four hold downs max in 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 and can have up to a 3" spacer between frame and bottom of core support. If the hood has been removed, the fan must also be removed.
7. 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. 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.
8. 4-point cage made of maximum 4" x 4" x 1/4" tube, channel or pipe. NO galvanized. Needs to be at least 10" above the top of the rocker. Side bars are to be a maximum of 60" 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 10" 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
9. 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.
10. Fenders may be trimmed or removed but not reinforced. Can have six bolts per wheel well max 3/8" thick with 1" washers. 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.
11. BUMPER
  - a. BUMPER MUST BE ABLE TO BE UNBOLTED FROM CAR.
  - b. Bumper shock tubes maybe welded solid but bumper must be bolted to car. 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 front 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. Welded link cannot be welded across a frame seem, 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 body only not around the frame. All plastic bumpers must be removed. Can run any type of car bumper. No truck bumper. 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, can also put up to a 10-degree point to the 4" x 4" tube bumper no gussets and ends uncapped also. Bumper can be welded or bolted to bumper shock horn plate. No other type of tubing, pipe, or c-channel can be used to make a front or back bumper with. NO loaded bumpers.

c. NO hard nosing.

12. 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 1/4" 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 3" x 18" x 1/4" flat plate on the outside of the hump face.
13. Tie rods must have stock style ends on them, but can be reinforced in 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. All wheel weights must be removed from rims.
15. No car will be allowed to participate with the radiator relocated. Radiator must be stock, containing water only. Maybe held in with stock brackets or two bungee cords or two ratchets straps. Heater core under dash must be looped or relocated to the engine compartment for driver's safety. May rap radiator with expanded metal, cannot be fastened to vesical. No homemade 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. Can run aftermarket tranny coolers. They have to be mounted inside of the car and has to have hydraulic or braded line running to it. May be fan style or ice chest. Has to pass officials inspection.
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 gas line connections must be double clamped. 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. We also strongly recommend that each pit crew carry its own fire extinguisher for use in the pits only.
17. 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. You have to remove all plastic that you can without tampering with the vehicles wiring. Will be officials call if more needs to be removed or not for driver's safety. 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 and bolted to the floor, fire wall, or door chain. 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. NO other kickers or braces in side of the car.

19. Manufacture of the car must match the drive line including motor, tranny, GM in GM, Ford in Ford Mopar in Mopar, etc. Can use two chains 1in links to chain motor in no welding of chain. Slider drive shafts of any kind is legal. NO extra bracing on tranny or rear end to accommodate in helping of the slider. NO duct tape on u-joints, can run double knuckle ends drive shafts, NO engine cradles. NO distributor protectors. NO homemade cross-members, factory to your vehicle only. Rear ends must be a factory bolt in application, No weld on brackets on leafed type rear end housings. NO braced rear-ends or aftermarket axle shafts.
20. BODY: Can change out all body bolts. No bigger than 1/2" bolts, may be hardened with a 3" x 3" 1/4" thick washer max on top and bottom of bolt. NO ADDITIONAL BODY BOLTS MAY BE ADDED ANYWHERE! Can remove rubber mounts and bolt body solid to frame. That being said there will be NO welding of frame seams, NO tilting of any kind, NO plating of any kind, and NO rust repair of frame or body of any kind except driver floor boards, NO loading of the humps of any kind. NO great stuff in frame or body panels.
21. BRAKES: All vehicles must have full working brakes before entering the track. If you have no brakes you will not run. Safety hazard to people in the pits and on the track.
22. Stick to the rules. If it's not in the rules it 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, please bring it to the attention of an official before the pit meeting.
23. **THE DECISION OF THE JUDGES IS FINAL!!**