

2024 Lake of the Woods County Fair Demolition Derby Rules

Classes will be Stock Truck, Stock Full Size, Compact and MWFA

Full Size, Compact and Truck General. (MWFA rules are located at the bottom of this file)

Full Size: Any North American factory built hard top passenger car can enter except the following; 1973 and older imps or cars with pre-'74 imp frames. No sui lincolns. 03's are allowed but must run stock cradle.

Compact: Any American made car can run with the following exceptions; all vehicles must be, 6 cylinder or less, and under 112" wheelbase for front wheel drive cars RWD cars 108" wheelbase If you are unsure about the vehicle being eligible for class, ask.

Trucks: ½ Ton, ¾ Ton and 1-ton single axle trucks allowed. No Dulleys. No heavy truck parts allowed.

Batteries Must be placed in a secure location, bolted down and covered. Fully enclosed battery boxes are allowed if secured.

All glass must be removed before entering the infield. Rear view mirrors are allowed if bolted through the roof of the vehicle.

Gas tanks must be placed in the back seat area and properly secured. The original gas tank must be removed from the car or the bottom must be cut out if unable to remove. Original tank may be placed in the back seat if properly secured.

Fuel tanks with electric fuel pumps must have a shut-off switch within 16" of the driver.

Hoods must have a 12" hole cut in the hood for fire extinguishers.

Seat Belts, Helmets and Eye Protection are mandatory

No trailer hitches are allowed

Vehicles must have working breaks

Trunks must have hole in the trunk if inside of trunk isn't visible via back seat area for inspection

Tires: If it's round and holds air, it may run. No Split Rims allowed.

Vehicles **MUST** enter through the southeast gate of the racetrack. Inspection and registration will take place upon entry. Inspection will be open 3:00-6:00 on the day of the event. Drivers Meeting will take place approx. 30 minutes prior to first heat entering. If running late please contact officials and some exceptions will be made.

All drivers must present a valid driver's license at the time of registration from the state or province from which they reside.

Slogans, advertising and printing may be placed on vehicles. The car number must be printed on both sides of the vehicle and have a sign on the roof. No profanity is allowed on the vehicle.

Vehicles must be removed from the fairgrounds within 72 hours of the conclusion of the event. Vehicles left past this time frame become property of the Lake of the Woods County Fairboard.

For questions please call JP Sweet (218-395-0435) or Randall Muirhead(218-242-9697)

Doors

Drivers' door may be welded shut and have any amount of steel added for drivers safety up to 6" past drivers door seam.. The Driver's door needs a door bar or you will not be allowed to run.

You may weld your doors with nothing larger than 3" by 1/8" plates solid around the door seams. It must follow the door seam. Do not overlay strapping or you will cut the strap off. If you chose not to weld the doors, they may be tied shut in six locations using 3/8 Chain, or #9 wire.

Bumpers

Full size and Compact Bumpers: Max height 20in to bottom of front bumper. Any factory car loaded bumper or homemade 8in max with 8in point spread over 32in no sharp points. May be mounted to frame. You may shorten the frame to core support mount or front of factory core support no shorter than 20in from front of A-frame mount. You may hard nose bumper to frame using anything in 1 st 6in from where bumper mounts to frame no welding of frame of any kind period past that point unless in rules or you will not run, or it will be cut zero exceptions. You may chain bumper to core support or taillight housing in 2 places with 3/8in max chain or 4 loops of #9 wire or 2 straps 3x1/4in each strap 24in long max on front and 24in long in the back. Welded to core support or taillight housing only. Rear bumper no lower than 14in at bottom of the bumper or 20in to top of the bumper minimum where bumper mounts to frame on fresh and used cars. We don't want cars that create a scoop, so they must follow these rules at a minimum judge's decision is final!

Truck Bumpers: may be a 26in max to bottom of the bumper in front 18in min to the bottom of the rear bumper. Trucks must have bumper on both ends

Compacts only Bumper Brackets

You get 2 choices, pick 1 or the other, not both! Absolutely no metal on the inside of the frame; this means no square tubing, plates,etc. everything must be on the outside! If found this rule to be violated you'll be subject to load your car! ▪ Any compact bumper shock may be used. No more than one set of shocks may be used. Welding of shocks to the bracket is allowed in the

factory position. Shock must be stock with a bracket. Brackets cannot go any further back than the very front most part of your front suspension(so this would be the control arm on most vehicles) No manufactured brackets/replica brackets may be used. No loaded bumper shocks. OR ▪ You can use (1) 5" wide x 3/8" thick plate extending from your bumper down the frame and cannot extend any further back than 12" from the front of the frame. This bracket cannot be on more than one side of the frame. You can wrap this strap around the front of the frame 4" to create an "L" shape. Do not abuse this rule YOU WILL CUT. These rules **DO NOT** apply to full size cars and trucks.

Frame

Absolutely no seam welding is allowed on frame or body. No shaping of the frame is allowed

You may shorten the front most part of the frame rails only. The front frame may be shortened, the 1" all thread must pass through the factory stamped hole. If you remove the body mount completely or relocate it, you will not run.

Pre-ran vehicles will be allowed (4) 5x5x3/16" plates, these plates can only be on one side of the frame. There must be a 1" gap between fix it plates. Plates must be painted in a bright color.

Core Supports

Core supports must be factory to the car you are running.

Core support must be in the factory location, no sliding forward or backwards. It must line up with the stock bolt holes, you may use the factory bolts and bolt holes to attach core support to fenders. No other material may be added to attach the core support to the fender unless otherwise noted.

If you wrap or fold your fenders around the front of the core support do not exceed (6) 3/8" bolts and 1.25" diameter washers to bolt back to the core support per fender. ▪ Radiator support mounts can be removed, and you can suck the radiator support down solid

Hoods and Front Clips

You are allowed 6 spots to hold the hood on. You may have up to 1" t-rod out front 2 rods may go through core support mount/front subframe mount. You may have 2 rods that can weld to frame, these must stay completely vertical, no added material, no bending the rod to weld more or make a gusset! The other 2 connections must be sheet metal to sheet metal only.

Hoods may have body to body bolts to suck the hood into one piece using (6) 3/8" bolts and 1.25" diameter washers per cut made in the hood with no more than 14 total bolts used in total on hood.

Trunk

You may tuck the trunk it must be 4in off floor you may body shape rear and front fenders. Option 1 you may chain shut with 4 chain 3/8 max. Option 2 you may use 10 bolts with a 2in max washer per bolt Option 3 may weld 20in total using 3x1/8in max. You may use 1 option never all 3. You may also have 1 bolt per rail 3/4in max must go through factory body mount only must be up inside frame in factory location or welded to side of frame vertical only and have a max 4x4x1/4in washer on trunk floor and trunk lid no welding of any kind anywhere. You may have 1 chain from frame rail to frame rail wrapped around frame and bolted only. Rear window bar is 2x2 with a 4x4x1/4in mount plate on trunk lid must be at trunk lid and speaker deck seam and roof must be at window seam and not past 4in of seam and not to halo or gas tank protector.

1" threaded rod may go from the trunk lid to the frame or trunk pan. If welding to frame rod must be welded vertically and no more than 4" of weld. Threaded rod must pass through trunk lid and not through fender.

Interior

Plate floors with factory thickness where rusty and leave rust in and only 2in past rust no plating of firewall. 4 point cage welded to door posts. May have halo welded to the floor tin only not frame and no further back than 60in from the front most part of the cage. May have a gas tank protector a 4x4 angle iron may be welded to top of rear seat area must be in front of speaker deck and rearend. The protector may be welded to angle iron only the rest of the protector must be 4in of floor and 2in from roof and 4in from rear window bar. This protector is for your safety, do not abuse this. Battery box or seat or fuel tank may be bolted to tin floor or cage only never both or to frame

Rear End (Full Size)

Any rear end mounted to factory mounts only. These arms may be shortened or lengthened and welded. You may chain rear end in place with 3/8in chain only and 1 chain per side. Heavy springs are allowed. Factory leaf cars may run but no more than 7 factory springs and must have 2in minimum stager clamps must be factory springs to that car with 2 extra 2x2x1/4in per pack. Watts link conversion is ok must be factory position same as prior to 98 location and 4x4x1/4in max box welded to frame not to hump in factory watts location. 14in to bottom of bumper min and 26in to where bumper mounts to frame max. No part of a rear end may be closer than 4in and no part of the rear end may brace or support the frame in any way. You may use a pinion brake and the brace may touch tin no wider or longer than brake this is for pinion brake protection only. Rear end spiders may be welded.

Engine and Transmissions

Motors must be a 4 or 6 cy motor for compacts. Full size cars and trucks may run any engine type that is desired

Any factory transmission, no aftermarket cases. No Distributor Protector, you may use any front and lower brace or carb and header protection and any steel or aftermarket bell. Must be mounted in a factory location with a factory sized mount.

Full Size: Engine Protector-lower cradle will be allowed only to be bolted into location no welding lower cradle to engine saddle! no dist protector front pulley protectors are ok!

Compacts: No cradles allowed

Trucks: Any engine or transmission may be used with full protector and full trans brace must be free floating and not locked or touch tin at any point if running full brace there will be zero tolerance. This rule is for protection only and must not support or stop truck from bending in any way.

Trucks

General Rules are the same on trucks including the following

Trucks may have a halo(rollover) bar attached either to the driver's support beam or frame not exceeding 4 points not connecting underneath the vehicle. Steel for halo must be 4"x4" or less. Highly recommended but not required

Maximum of 8 leaf springs. Leaf Springs may be shackled together. Leaf Springs may not be welded together. 2 extra 2x2x1/4in per pack will be allowed.

Fuel tank must be in the front of the trunk bed in the center of the box and properly secured. Fuel lines must be secured under the cab. Ext. cab trucks, suburbans and suvs may relocate gas tanks to the back seat area.

Bed may be attached to the cab with one form of fastening (Bolted, welded or chained) If welded, may only use 6" welds leaving 4" spacing in-between.

4x4 vehicles may only use 1 drive shaft making them 2 wheel drive only.

You may body shape the fenders on trucks they must have a box and no sedagon. Option 1 you may chain shut with 4 chain 3/8 max. Option 2 you may use 10 bolts with a 2in max washer per bolt Option 3 may weld 20in total using 4x1/4in max. You may use 1 option never all 3. You may also have 4 bolts per rail 3/4in max must go through body mount only, must be up inside the frame in factory location or welded to the side of frame vertical only with no pinning of frame and have a max 4x4x1/4in washer on box floor all other bolts from factory must be in factory location and size 2in round washer max.. No welding of any kind anywhere on washers.

MWFA

1. Any 1980 and newer 2 wheel drive passenger car/ mini-van/mini-truck/mid-size suv

2. All vehicles must be stripped off all plastic, glass, headlights, taillights and anything else that could fall off onto the track during the show.

3. All vehicles must remain stock, ABSOLUTY NO WELDING ANYWHERE.

4. Bumpers must remain stock, do not alter bumper in anyway. Factory bumper shocks must remain in factory location. You may remove rear bumpers and shocks. There is no welding to be done on bumpers.

5. Batteries may be left in stock location and spray foam may be added around battery. You may also move battery to passenger floor or seat. Please make sure battery is not moving.

6. If factory gas tank is in front of axle you may leave it there. If it's behind the axle, you must move it to the rear seat area. Factory tanks may be moved inside but completely secured. After marker tanks may be used.

7. All doors may be wired or chained in 6 places max per seam.

8. Trunks, hoods, tailgates, all may be wired or chained in 6 places total. Sheet metal to sheet metal only. Nothing to frame or bumpers. If you remove trunk or tailgate you lose that wire or chain.

9. Rear seat bar may be added. It may be welded to post. If you have to add something to get it away from seat please call. This is only to stop sides from coming in, not to help any other part of the vehicle.

10. Drivers door only may have a plate welded to the outside or inside. This is for driver safety.

11. DOT tires only. Stock wheels only. All wheel weights must be removed. Only tubes and air are permitted inside of tires. These rules are cut and dry, you should not have to call to ask many questions on this class. If it does not say you can do it then that means YOU CANNOT do it. Quick and easy build.

Entry Fees

\$60 Driver/Vehicle

\$25 Pit Pass

Payouts

Full Size/Compact/Truck

1st \$1000, 2nd \$500 3rd \$250

MWFA

1st \$600 2nd \$300 3rd \$250