

## Will County Fair Demolition Derby 2020 Old Iron Years / Modified Stock Rules

Cars will remain ALL STOCK except where noted. The ONLY WELDING allowed is as follows: bumpers to the frame, box-style (front dash bar, side bars, rear bar behind seat) cage, and doors. These rules are very clear and simple. **We will have a scope and if pins and/or frame pitching or cold bending are found, you will not be allowed to run that day.** Changes will not be allowed. If you have any questions regarding the rules, call for clarification. Do not assume that it will pass inspection. You can remove anything, but you can add NOTHING unless stated in these rules!

\*\* Any passenger car or station wagon is eligible for this event. No hearses. No trucks. No ambulances. No Imperials. No Jeeps. No limousines. No frame swap-outs. \*\*

**Engine and Transmission:** Any make engine and transmission may be installed in any vehicle. The location straight below the mount should not take up more than an 8" x 8" area when welding is concerned. Two chains are allowed. They can be installed solid. The firewall may be cut out or smashed in to accommodate the distributor. Engine protectors on the engine/trans are allowed. Do not put any kickers to hold engine on the frame.

Transmission cross member can only be bolted in. If you have to make one, 2" square tubing is allowed but still must be bolted into the side rails of the frame. The frame cross member mounts can be bolted or welded a max of 3" x 5" angle to frame. **No welding to cross member.** If you add this angle, you must cut off the factory frame mounts. You can secure transmissions with #9 wire or cable.

Factory aluminum engine cradles in 2003 and newer cars may not be changed. Grey area cradles allowed. In 2003 and newer cars, you may fabricate a 6" x 6" mounting pad to attach your stock mounts. You must stay within a 6" x 6" area on the aluminum only. You may bolt through the aluminum.

**Body:** Spacers and body mounts MUST remain in place and in stock position inside of car. You may use two 3/4" all thread through core support/bottom of frame and two in trunk area bottom of frame through trunk lid and no more than 3" washer. Inside of car body mounts: If broken, the body bolt is broken or rusted out, a replacement bolt may be installed next to the mount placement. You must keep the rusted bolt in place. The new bolt must be within 12 inches of the rusted bolt (1 bolt per bad body mount no larger than 1/2" diameter and no more than 3" washer). The replacement bolt must be spray painted a bright color. The new bolt must pass through a hockey puck. The maximum total of rusted body bolts to be changed/replaced per car is 4.

**You are allowed 2 additional** body bolts of your choice max 1/2" diameter and must go through a rubber boot or hockey puck. Keep all original body bushings in car. You are not allowed to change body bushings to hockey pucks or metal spacers.

You may cut, mash, or bend the wheel wells for tire clearance and header clearance on the hood of the car. You are allowed 25 bolts 3/8" max diameter with a 1/2" washer max to secure fenders or hood portions that are cut out.

NO FRAME FILLING WHATSOEVER. No painting of frames.

**Cage Component:** A box-style (front dash bar, side bars, rear bar behind seat) cage will be allowed. The only down bars/kickers allowed will be positioned in center of driver and passenger front doors – sheet metal only. It must go straight down at a 90° angle. Must be box only – you may have a cross brace inside the cage component for mounting of the shifter. Square or round tubing max diameter of 4” pipe or 2” x 6” box tube max. No bars can be longer than 60”. **The front bar of the cage must be constructed with 4” distance from firewall.** Rollover bars are allowed but must be bolted (not welded) in two areas to the roof and bolted or welded to cage component, not to floor. Roll over bars must be installed at a 90° angle, not tilted in any manner.

Gas tank protectors 36” wide max. No higher than 4” above the tank, 4” off the floor if mounted to the cage. Must have a 4” gap between the gas tank mounts/gas tank and package tray. Gas tank mount may have a vertical halo behind the tank no higher than 4” above the tank.

**Bumpers:** You may change the front bumpers and use one of your choosing. Homemade bumpers are allowed; however, they must remain the same dimensions of a stock bumper. If you choose to make a homemade bumper, it must conform to the following size limits: It can be no larger than 8” x 8” except the specified middle section. The point must taper over an area of at least 32” wide and cannot exceed 12” (wide front to back) at the tip of the point. The point may only extend out 4” from the flat part of the bumper. Bumpers may have reinforcement. Stuffing is allowed. Chrome may be welded on bumper.

You may use **ONE** of the following options to attach the bumper to the frame:

1. Use original brackets and shocks. They may be welded so as not to break or fall off. You may bolt or weld a 6”  $\frac{3}{8}$ ” chain (1 per frame rail) from the bumper to the frame and weld a 3” x 6”  $\frac{1}{4}$ ” strap (1 per frame rail).
2. Remove all bracket material and hard nose the bumper on. Use a 12” long piece of flat stock no thicker than  $\frac{3}{8}$ ” with a width/height of 6”. You may only use one side of the frame for this option. Do not use any gusset plate to secure the bumper to the frame. Do not move the core support bracket, reweld it, or make your own.

**Tires:** Any OEM rim and any tire up to 15” are allowed. Stem protectors are allowed. Bead lock are authorized only for internal mounts inside of wheel. If aftermarket center sections are used, they must not exceed 2” past wheel stud on OEM rim.

**Rear end:** Any rear-end as long as it is installed with the OEM STOCK trailing arms or spring perches for the car being built. You may shorten the trailing arms; do not reinforce in doing so. Rear end bracing is allowed. You may secure the rear end of the car. Chains may be used around the rear end and to the frame or body as long as there is at least 1” of movement up and down in the suspension, or, you may run four strands of #9 wire to the frame or body. Leaf sprung cars may use up to 4 brackets per side as leaf clamps.

**Suspension:** It must remain stock - all OEM parts. You may change your springs if they are broken. You may switch A-arms from different make and model cars. **No bolting, wiring, strapping, and/or welding down A-arms.** You may use two twist-in spacers per side (store bought, not homemade). You may use two strands of #9 wire to hold rear coil springs in.

In 2003 and newer cars, you must run stock rack and pinion for that car’s year and make. You cannot run an older style gear box.

**Preparation of car:** *Must remain 100% stock.* No sedagons, no crease enhancements, no sheet metal or frame shaping, forming or folding. Do not weld hood, trunk, or tailgate. Trunk and hood must be in stock location and open for inspection. After inspection, you may tuck the trunk with one 90° bend, NOT AT TOP OF QUARTERS. Hoods may be secured with seatbelts, chains, cable or wire. Holes must be cut in hood in case of fire. You may fasten hoods, trunks, and tailgates in six places of your choice. You may weld washers 2½" OD diameter max to the sheet metal for your #9 wire.

All gas tanks must be relocated inside the car. Stock gas tanks must be secured and covered. Plastic tanks must be housed in a steel container or inside another container but cannot provide any support to the car body. Steel gas tanks are strongly recommended. Electric fuel pump shut off switch must be clearly marked and located within the driver's reach. Transmission coolers, if being used, must be relocated inside of the car and covered.

One or two batteries may be used. Both the battery and gas tank must be securely mounted and covered. Neither one can help to keep the car from bending - just mount it straight down to the floorboards or connect it to the front and rear cage bars. Gas tanks must have a 4" gap between the mount and package tray.

Car numbers must be large and bright in color and located on both front doors and the roof of vehicle. Choose **ONE** of the following options for the door seams:

1. All door seams may be secured with seatbelts, chains, cables or wires with a method of 4" break between each other.
2. If door seams are welded, there is a 4" on, 4" off method per seam (3" x 1/8" flat strap). Seams may be vertical or horizontal. This includes the bottom section of the doors.

The hood, trunk, and tailgate may be wired only in six spots. There may be two additional spots of wire added going from core support to front bumper outboard of radiator. The same goes for the rear bumper - two spots only. The hood and trunk must remain open until after inspection. Holes are mandatory in the hood and trunk. The minimum open area must be 18" diameter. Hoods must remain on car during racing. If you do not have a hood, you must remove the fan blade.

Windshield cable/wire/chain protector required. Front windshield bars are MANDATORY. They must be no larger than 2"x¼" thick if they are welded, 6" max on roof, and 6" max on firewall. If you do not use a bar, chain, wire, or cable can be used. No rear window bars allowed.

While installing your radiator, you are allowed two style mounts (C-channel, angle plate, etc.) to hold it in. They cannot be welded in to the frame, only bolted to the core support. Expanded metal (1/8" thickness) is allowed in front of radiator however can only be bolted four spots with 3/8" bolts. Two 6" x 3" x 1/8" flat stock with 4 pieces of 3/8" threaded rod can be used to secure radiator. It may be bolted or welded to the core support.

You are allowed in each window opening two strands of #9 wire per window for driver's safety. Inside driver's area or passenger's area allowed in two spots of your choice two strands of number #9 wire to connect your frame to roof or cage. Also, on rear frame you are allowed two strands of #9 wire to connect frame rails.

Remove all glass, plastic, trailer hitches, and mirrors before arriving at fairgrounds. Remove all decking in wagons. Vehicles must be clean of all glass and garbage. Brakes and seatbelts must work at time of inspection and will be checked again when entering track.

Each required driver must fill out an entry blank. All drivers must supply their own cars, only one entry per person per class. Proof of ownership may be required on each car entered. All drivers 17 years of age or younger must have a notarized release signed by his/her parents or guardian. The track or promoter reserves the right to approve or reject any and all entries. All persons must sign the release form and receive a pit pass to be permitted in the pit area or on the track. No drinking of alcoholic beverages on track, emergency vehicle area, or in the pit area. Any driver or pit person under the influence of alcohol or drugs will be immediately disqualified and removed from the grounds.

Any driver or crew member disobeying the rules will cause his or her car to be disqualified. Unsportsmanlike conduct will not be tolerated and will be grounds for disqualification and barring from future derbies. Drivers are responsible for the actions of their crew members. No profanity allowed on cars. No political slogans. No offensive or controversial images.

Safety belts, DOT approved helmet, and goggles/safety glasses/face shields are required. A fire extinguisher is recommended at close reach in the driver's compartment. **Drivers MUST wear long sleeves and pants during competition per Peotone Fire Department request. NO shorts, short sleeved shirts, or tank tops.**

**Pre-ran cars with bent, broken, split, or rusted frames have the following option: The plate must be 4" x 6" x 3/8" thickness or less and no more than 2" pass of each side of damaged area (one side of frame only). It must be painted a bright color for inspection. Max plates = 4 total.**

**Aftermarket products:** In this class, the following sections differ from street stock: Year and Make of car, Engine and Transmission, Tires, and Rear End. All other areas follow the same build rules.

The only non-stock/aftermarket components allowed will be HEADERS, SHIFTERS, TRANS COOLERS, BRAKE MASTER CYLINDER, POWER STEERING PUMPS, GAS PEDALS, FUEL TANKS, TIRES, DISTRIBUTOR PROTECTORS/CRADLE, TRANS PROTECTORS, PTO/SLIDER DRIVE SHAFT, and STEERING/SHAFT. Pinion brakes are allowed.

Remote aftermarket foot pedals are allowed to be mounted to the floor pan or the back of the engine. It is limited to 4 bolts, not welded.

Nothing may be mounted in a way that strengthens the car. No painting the frame at all.

If it is not clearly described above, it is not allowed. Please call or text for clarification or risk not being able to run. Don't wait until the day of the race.

**JOE SNOW IS THE HEAD INSPECTOR**

**ANY questions, please call or text Jason at (815) 955-4319 or Joe at (815) 409-1579 after 6:00 p.m.**