

2024 Menard County Fair

Demolition Derby

Semi-Stock/Weld Class Rules

Derby Superintendent – Ben Hollis (217)306-6002

Chief Inspector – Kirby Manual (217)821-3127

ANY AND ALL QUESTIONS PERTAINING TO RULES ARE TO BE DIRECTED TO KIRBY MANUAL AT 217-821-3127.

The semi-stock class is open to all individuals over the age of 18. Any individuals wishing to participate who are ages 16 or 17, must have a notarized permit from a parent or guardian. All participants must have a valid driver's license. NO one under the age of 14 is allowed in the pit area. The rules listed below shall be followed and will be enforced.

Contest Regulations

Drivers may move their vehicles forward or backward. Contact must be made with another participant at least every 60 seconds or the driver will be disqualified. "Sandbagging" and "team driving" will not be allowed. If a driver is identified as a "sandbagger", the competition will be stopped and the driver will be marked as a sandbagger. Cars must move or show visible damage when hit. **Drivers must remain in their cars with helmet on until the car is removed from track or officials tell you different. Face shields and/or safety glasses are required!** – If this rule is not followed, any prize and/or trophy will be forfeited. Make sure your helmet strap is fastened; if helmet keeps coming off during race you will be disqualified. All drivers MUST attend driver's meeting prior to contest to participate. **PARTICIPANTS SHALL ARRIVE WITH CARS READY TO GO AND WITHIN THE STATED RULES. IF YOUR CAR IS OUTSIDE THE RULES, THEN YOU WILL NOT BE ALLOWED TO RUN.**

DRIVER'S DOOR HITS ARE STRICTLY PROHIBITED!! – PARTICIPANTS WILL RECEIVE ONE WARNING; SUBSEQUENT VIOLATIONS WILL RESULT IN IMMEDIATE DISQUALIFICATION.

******NO PASSENGERS ARE ALLOWED IN THIS CLASS ******

Entry Fees

Entry fees for each car/driver will be \$40.00. Pit persons will be required to purchase a pit pass for \$20.00 (\$10 fair admission/\$10 pit entry fee). All drivers and pit persons must sign a waiver/release of liability before entering the pit area or track. Entries will be accepted until one hour prior to the beginning of the event. Any entry submitted less than one hour before the start time will result in a \$20.00 late fee. Entry fees and pit passes are NOT refundable.

Preparation of Cars

Any year/make of vehicle will be allowed, except for the following: Imperials, "Suicide" Lincolns, or hearses. Ford Crown Victorias manufactured in 2003 and later **MUST** use **factory cradle**. The following are **NOT** allowed: screws, plastic gas tanks (heavy duty plastic racing fuel cells are allowed), wedging, "sedagons", Jeeps, trucks (Ranchero, El Camino, etc.), carryalls,

hearses, limos, or convertibles. Any items/parts that are flammable MUST be removed. All glass, chrome, carpet, headliners, back seats, pot metal, and fiberglass must be removed. DO NOT break the glass down into the door panels. Trunks must be clear of all items/debris. Spare tires must be removed and wagons must remove spare tire flap. Holes must be cut in spare tire flap if not removed so that a proper inspection may take place. There will be NO welding whatsoever besides what is stated as allowable in the rules. It is mandatory that numbers are painted on both front doors, large enough to be read. Number must also be painted on the roof. ABSOLUTELY no profanity allowed to be painted on the cars. **THERE WILL BE ABSOLUTELY NO WELDING ALLOWED BEYOND WHAT IS STATED IN THESE RULES, ANY WELDING DONE BESIDES WHAT IS STATED WILL RESULT IN A FAILED INSPECTION AND DISQUALIFICATION.**

Engine

You may use any engine and transmission. You may use engine cradle for the sole purpose of protecting the engine block. Must only come in contact with motor mounts. The motor mounts are the only thing allowed touch the frame. No DP's or protectors of any kind. You may use 2 chains to retain one on each side. No more than two links can be welded to frame. You may use header pipes. **May have header protectors welded or bolted to header tubes only.**

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Radiator

For mounting radiators, you may use (4)- ½" all thread. This may pass through the bottom of the core support. This must not pass through the upper core support. It may be attached to a 2"x6" 1/8" flat steel and must be welded to the core support they must be outside the fan. NO radiator guards allowed. May use factory ac condenser or a piece of 1/8" expanded metal in front of radiator. Attached with 4 3/8" bolts

Transmission/Cross Members

Transmission coolers are allowed. May have stock crossmember or use 2x2 tubing. You may weld a piece of 2x3 angle iron 4 inches long on the inside of the frame to mount the crossmember on. Crossmember may be bolted or welded to this angle. Transmission protectors allowed-TOP SIDE ONLY.

Battery

The battery must be secured in position and covered with a non-flammable material. Rubber tubes, floor mats, etc. are sufficient. No more than two (2) 12-volt batteries are allowed.

Suspension

Suspension must remain stock and **can NOT be welded (other than exception below.** Must remain stock. No weld on shocks, no trailer hitches -- special lifts, blocks, air shackles, air shocks, airlifts must be deflated. A-Arms may be bolted, chained, wired down or welded with a max 2" strap with no more than 2" welded on the spring pocket only. Must be straight up and down. 2 straps per A-arm. Spring spacers are okay. Leaf Springs must be stock with 2-inch stagger. May have a maximum 4-leaf spring clamps per side. Clamp material maximum thickness of ¼" and no wider than 1 ½". May reinforce the center of tie rods or use aftermarket tie rods but must have factory tie rod ends. No Heim joint ends. Suspension parts may be changed as long as OEM parts are used that bolt on with no welding.

Trailing Arms & A-Arms

May be shortened or lengthened with no more than 2" of overlap. NO other reinforcements allowed.

Steering Column/Brakes/Shifters

You may change the steering column. You can relocate the shifter on the floor. Brakes must function properly and pinion brakes are allowed. Cable shifters and gas pedals will be allowed.

Rear End/Differential

Any 5 or 8 lug rear-end may be used. Locking of rear-ends is permitted. Axle savers, pinion breaks, and bracing of rear-ends are all allowed.

Drive Shaft

Drive shafts may be shortened or lengthened. You may also use a slip drive shaft.

Hood

The hood must remain in the factory position. Six (6) hood bolts are allowed, but only two (2) may go through the frame outside of the radiator. Bolts may not exceed $\frac{3}{4}$ inch and washers are not to exceed an outside diameter of six (6) inches. Two (2) holes MUST be cut in the hood and be large enough for a fire extinguisher. The holes are not to be directly over the carburetor. 20 bolts may be used around header holes and seams, and can be no larger than SAE 3/8. Washers on these bolts can have an outside diameter no larger than one (1) inch.

Trunk

Four $\frac{3}{4}$ inch bolts are allowed in the trunk, 2 may be welded vertically to the side of the frame with no more than 4" of weld, OR all 4 can go through the frame. Washers on these bolts must have an outside diameter of six inches or less. Trunk lids must remain on factory hinges, 100% in stock location, and may be secured with chain or #9 wire. **Speaker deck must remain in stock position.** "Tucking" of trunk lids is allowed but wedging is NOT. **NO MORE THAN 50% OF THE TRUNK MAY BE TUCKED.** **Welding of the trunk is allowed. If welded, you must weld 5 inches then leave 5 inches, utilizing 2" by $\frac{1}{4}$ " strap. If you don't weld the lid, you may utilize 3/8" bolts in the same manner. Trunks may be creased, but double creasing is not allowed.**

REAR WINDOW BARS are allowed – must be within 4" of rear roof window seal and 1" behind speaker deck/trunk lid seam. Bar is to be constructed from 2"x2" tubing with 4"x4"x1/4" mounting plate.

Body

Body seams may not be welded. Patching is not allowed, however pre-denting is allowed. **You can body crease front fenders along with rear quarters. Rear quarters and tail light lance area attachment points must remain vertical straight up and in factory position.**

Fenders

Fenders may be trimmed and bolted. No more than **10** bolts per fender, and bolts can be no larger than 3/8 inch. Washers can have an outside diameter of no larger than one inch.

Body Mount Bolts

Body mount bolts and bushings must be factory or hockey pucks. **You may replace up to 6 factory body mount bolts to 3/4" and use (2) 3x3 washers and (2) nuts per bolt. Core support all thread counts for 2 of those locations. If any other body bolts are broken or missing they can be replaced with 9 wire only. 2 strands max.**

Frame

Absolutely no welding on frame except where stated in these rules.. No reinforcing of frame what so ever. You can notch the frame. PATCHING OF FRAMES Fresh cars-can have 2 patch plates Pre-ran cars may use 6-4x6x1/4 plates TOTAL to be placed in any location. Plates must have at least a 4" gap between them. No welding at or on crush boxes other than welding of patch plates. No cutting flap for tilting. Cold bend is ok. No painting on frames. If frame has been painted, we will NOT inspect it. You may beet in the sides of the rear humps from front of arch to rear of arch only. **GM ONLY may have a 4x14" hump plate. 1 per rail. Must be in the center of the hump and follow the contour of the frame.** If re-stubbing a car must be pre-ran car. If you do it in front of the boxes it must be butt welded. If re-stubbed behind boxes there can be 2" overlap. **If you have to cut anything off the frame all material will be cut off. Only thing allowed to be left is the weld. Cold tilt or weld tilting allowed.**

WE WILL MAKE YOU CUT THE PLATES OUT IF YOU VIOLATE THIS RULE. Refusal to cut the plates out will result in disqualification and NO REFUND of entry fee.

Doors

Driver's door may be welded solid with a strap no bigger than 3 inches, on the outside only. One strap is allowed per seam on the driver's door, for a total of two straps. **All other doors may be welded "5 on 5 off" method, with strap no larger than three (3) inches.** You may also chain or wire the doors. Wagon tail gates cannot be welded, but may be secured with chain or wire in four places.

Cage

You may have a 6-point cage with two side bars and three cross bars. The side bars cannot extend past the dash area in the front and must be no further back than 2 inches in front of rear inner fender wells. This can be welded in. Absolutely no kickers. You may have a halo bar. You can have 2 down tubes to the flat top side of the frame. Can have one on each side in between the front inner door seams only, material for this must not be bigger than 6" Halo cannot connect to the windshield bars or the roof sign. **Gas tank holder or 3rd cross bar must be at least 6" away from the package tray. No part of the cage can be past the package tray. Front cross bar must be 4" or more away from the fire wall and trans tunnel.**

Bumpers

You may use any stock bumper. You may load your bumper. Skin may be welded down. OEM replica bumper ok. Must be stock appearing. Chrysler replica point can not be more than 14" measured from the mounting surface to the tip and must be 32" wide at the base of the point. If the point is any bigger you will not run. You may collapse and weld shocks. Bumper may be hard-nosed. Bumper can be welded on with 2 4x6x1/4 flat plate 1 per rale or they can be wired, chained or bolted from mount to mount. **Bumper can be no higher than 22" from the ground to bottom of the bumper or lower than 14" from the ground to bottom of the bumper.**

Gas Tanks

Maximum of six gallons of gas allowed. Fuel cells, metal boat fuel tanks, etc. allowed. NO stock gas tanks are allowed. Fuel tanks must be placed in the back seat and be secured. Bungee cords/tarp straps are not to be used to secure fuel tanks. Fuel cells must have a secure cap and be leak proof. All fuel lines must not leak. Stock fuel tanks in cars must be removed or have holes in them and be washed out. No plastic tanks are allowed other than heavy duty plastic racing fuel cells. You must have a shield of metal between the driver and fuel tank, and the shield can be mounted with screws. If your fuel tank is not properly secured or your fuel system is found to be unsafe, you will NOT be allowed to participate.

Tires

Fork Truck tires are okay. Tire inside of tire is okay. No fluid inside of tires. Valve stem protectors okay. NO reinforcing of rim. **May have full weld in centers.** No implement tires, no tractor tires.

Do not do anything to make your car illegal after inspection. If this happens you will be disqualified and have no return of entry. Don't assume you can do it. If not stated in these rules, call first. Officials have the right to re-inspect your car at any time. Officials' decisions are final.

Safety Rules and Regulations

1. Safety belts are required.
2. **NO alcohol or drugs allowed on the track or INFIELD. Alcohol will be confiscated, and you will be warned. Further violations may result in your removal from the fairgrounds.** Anyone found to be intoxicated will not be allowed to participate.
3. Cars must have at LEAST one bar attached in the center of windshield area from roof to dash to prevent roof collapse. Two bars are recommended.
4. DOT approved helmets are mandatory and must be worn at all time while participating. Open face helmets are not recommended and any injuries received from wearing open helmets will not be covered by insurance.
5. **Face shields or safety glasses/goggles are REQUIRED.**
6. Long pants and a shirt must be worn. Fire suits are recommended.
7. No pit persons are allowed on the track.
8. Two fires will disqualify a car/driver. Any fuel related fires will automatically cause a disqualification.
9. Radiator overflow lines must be pointed towards the ground and secured in this location to prevent any fluid from being expelled towards officials, other drivers, etc.
10. Header pipes must be pointed straight up and are not allowed to be pointed toward the front of the car.
11. **Drivers must remain in their cars with helmet on until the car is removed from track or officials tell you different.** – If this rule is not followed, any prize and/or trophy will be forfeited.
12. **Any alterations to cars after inspection to circumvent rules will result in immediate disqualification.**
13. **Please be respectful to all participants, officials, and spectators. This sport is for entertainment for all, and all officials are volunteer.**

ANY AND ALL QUESTIONS PERTAINING TO RULES ARE TO BE DIRECTED TO KIRBY MANUAL AT 217-821-3127. If you have **ANY DOUBT** about whether your car preparation is within the rules, it is highly recommended you contact us.

Any protest must be made to the Superintendent and must be within ten minutes of the completion of the heat. Only drivers are allowed to protest. **All officials' decisions are FINAL and no arguing will be tolerated.** Officials may re-inspect top cars.

These rules must be strictly adhered to and are in place to ensure the safety of everyone. The rules in place are non-negotiable. Failure to follow the above stated rules and build specifications can and will result in disqualification. Any modifications to your car, after it has been inspected, that are in violation of the rules, will result in immediate disqualification. Entry fees will not be refunded if you are disqualified, and you may be banned from all future events. We reserve the rights to re-inspect your car at any time.