



**2021 Tech Rules  
For Light Weld  
THE HARDIN COUNTY FAIR OFFICIALS  
1973 and Newer cars only  
\$100 ENTRY**

**Rule Book Disclaimer**

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of the demolition derby events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS.** They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator, or official.

The race director shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in his opinion do not alter the minimum acceptable requirements. **NO SUCH EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OR SPECIFICATIONS.** Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final.

**The Hardin County Fair Officials**

**1: Hearses, Limos, chrysler Imperials, Imperial sub frames, suicide door Lincolns, SUV's, wedges and sedagons are NOT allowed. No imperial full or sub frame swap outs**

**2: All cars must** be stripped of all glass, body molding, door handles, and all exterior lighting. The interior and trunk area must be cleaned of anything that could injure driver during derby.

**3: The fuel** tank must be removed from the car. A 5 gallon boat fuel tank or another safe type of tank can be used and must be relocated to the inside of the car, covered and must be secured to prevent it from coming loose during the derby.

**4: The battery** must be removed and relocated to the inside of the car covered and secured to prevent it from coming loose during the derby. One (1) battery only.

**5: The radiator** must remain in the stock location per vehicle manufacturer or can be removed completely. Electric fans are allowed.

**6: All doors** must be chained, welded, or wired closed to prevent them from opening during the derby. Metal straps can be welded to the door seams with a 3 in wide x  $\frac{1}{8}$  thick max. Round metal rods may be used in the door seams with a  $\frac{5}{16}$  max. Size of wire is #9 with 4 wraps max. The top of the door in the rain channel area must remain unwelded. The door seams from top to bottom can be welded 6 on 6 off outside only. The bottom of the door seams can be welded but not more than  $\frac{1}{2}$  total welded. No wiring roof to floor, windows to floor, or anywhere inside the car. If you have a light color car, the driver door must be red, if the car is a dark color, it must be white. Inside car door seams can NOT be welded.

**7: Hoods** must have hole cut above the carb. Electric fuel pumps are allowed if the switch controlling the shut off is mounted on the bashbar to the left of the steering wheel. A master shut-off switch shutting off the electrical system to the whole car is recommended. Hoods can be bolted in 6 places max with 1 in max dia bolts or all thread. Metal plates between nut and hood have a 6 x 6 by  $\frac{1}{4}$  max.

**8: Wire** can be used with 4 wraps per hole. Chains can be used with 2 wraps per hole but links must remain unwelded.

**9: Trunks** can be welded shut. Metal straps can be used 3 IN wide x  $\frac{1}{8}$  max. round metal rods can be used in seams with a  $\frac{5}{16}$  max DIA. #9 wire can be used with 4 wraps per hole. Metal plates between nut and trunk have 6 x 6  $\frac{1}{8}$  max. Trunk can be bolted in 6 places max. A hole must be cut in the trunk. Tucked trunks are subject to having to be approved by tech officials. Trunk cannot be welded to the bumper. No wedges, but can tuck the trunk. The package deck has to stay in the factory location.

**10: Bolts** and or all thread used to **hold body** or sheet metal has a 1 IN max dia. Metal plates that hold hood, trunk, or body have a 6 x 6  $\frac{1}{4}$  IN max. Body bolts must remain in stock locations and are not required to have bushings. On the deck lid, you may put two 1 IN max dia. Pieces of all thread through the frame at the back only.

**11: Bumpers:** can be welded or chained to prevent them from coming off during derby, however, metal straps may not be used to weld bumper to trunk or fender, also bumper cannot be directly welded to fender or trunk or any car body panel. If the bumper is welded no metal can be added. If chained, chain links must remain unwelded. Bumper brackets can be removed and bumper welded to the frame but no extra metal can be added. Homemade bumper brackets are subject to be approved by tech officials. OEM bumpers are recommended (factory replacement or aftermarket bumpers are allowed) No aftermarket pointies.

**12: Bumpers** must remain in stock location on frame (up and down) and can be no more than 27 IN from ground (center of bumper to ground)

**13: The frames** seams can be welded but only on top and from the firewall forward only. Frame seam welding with one pass only no building up of weld. Holes in the frame must remain unwelded, however, fresh cars are allowed 4- 4 x 4 x ¼ patch plates and pre-run are allowed. 2 more plates are not to touch and not to be used as kickers in any way. The body cannot be welded to the frame. (If your body is welded to your frame, you will not be allowed to derby and will be loaded on the trailer and will not be allowed to cut weld loose.)

**14: Front** and rear suspension, Front A arms can have 2 straps per upper. 2x2 max to maintain ride height. You may change coil springs to stiffer OEM car springs. NO all thread shocks in front or rear suspension. The rear control arms cannot be boxed, if you lengthen the rear control arms they are subject to tech officials approval. Slider driveshafts can be used.

**15: Changing** from coil to leaf springs is not allowed. Chaining of rear humps is not allowed. No hump plates allowed. Chain or wire from the frame is not allowed.

**16: No adding of metal** to any frame, body, or suspensions allowed (see rule 13 as to frames). No reinforcement of front end, rear end, radiator support, fenders or anywhere on the car. Any rust patching on body panels are subject to tech officials approval.

**17: Transmission** coolers are allowed. Electric fans on transmission coolers allowed. If the transmission cooler is mounted inside of the car, it must be mounted in a safe manner behind the driver and secured so it is to not come loose during the derby. (by installing a transmission cooler inside the car, the driver knows and accepts the risk of injury or death and will acknowledge this on the release of liability form.)

**18: Max tire size** is 15 in. No ¾ or 1 ton rear ends allowed. All cars must have a 5 lug bolt limit. Rear gears can be welded to make pos trac. 4.5-5 in bolt pattern. 31 spline axle max. All winners will have to pull axles before paid. No braced rear ends allowed in any way.

**19: No metal plate** or tube can be welded on the outside of the car. No kickers. A metal tube can be installed across the dash area but must be 4 inches from the firewall. A metal tube can be installed behind the driver's seat. (The metal tube behind the driver's seat cannot be no more than 8-10 IN behind the front driver's seat) A metal tube can be installed along the driver and passenger door on the inside that's welded to the dash and behind the seat tube. (The bottom of the door bars must be a minimum of 10 IN from the bottom of the inside door seam) No bar, tube or plate can be attached to the floor board or frame. Welding tubes or bars is

recommended. If the cage or tubes are bolted the nuts must be on the inside of the car. (Head of bolts on the outside of the car - nuts on the inside of the car.) A roll down bar is allowed (the down bars on the roll bar is recommended to be welded on top behind the seat bar.) The roll bar can go from the behind seat bar up over the driver and connect to the dash bar, but cannot be welded or bolted to the roof. Roll bar can go from behind the seat bar up over the roof of the car and back into the behind seat bar.

**20: Foam spray** is allowed in limited use around the radiator only. No foam spray can be used in fenders, doors, frames, trunks, or hoods. If an official thinks you used foam spray in excess you will have to remove it before being allowed to enter the derby.

**21: All drivers** will use a DOT approved helmet and use seat belts at all times. Shoes and pants are required. Fire jacket and pants are recommended.

**22: All cars must** have working brakes and roof signs with your car number are mandatory.

**23: All cars** are subject to having a small hole cut or drilled in the car body and/or frame if a tech official has reason to check the area in question.

**24: ONLY ONE PERSON PER CAR ALLOWED AT THE TECH BOOTH AREA WHEN CARS ARE BEING TECHED. THIS RULE WILL BE STRICTLY ENFORCED.**

**25: Just** because it is not listed in these rules doesn't make it legal. If you are not sure about a rule, contact us before you do it. Not having a copy of rules is not an excuse.

**26: All cars** must pass inspection before being allowed to derby.

**27: OFFICIALS AND TECH INSPECTORS HAVE FINAL DECISIONS ON ALL RULES!!!!!!!!!!!!!!**

**28: Building your** cars to these rules does not make demolition derbies safe. These rules are to help make every car have a fair chance to win. These rules are not for driver's safety. You enter these demolition derbies at your own risk with the understanding that you could have injury, harm, or death and will acknowledge this on your release of liability form.

**29: If your car** is flagged after inspection, it will be lined up in your heat. Anyone caught adding any reinforcement will be disqualified and entry fee will be forfeited. Inspection at any time before, during, or after the derby at the discretion of any Hardin County Fair Tech or Promoter.

**30: Engine cradle may be used to protect engine, lower cradle only  $\frac{3}{8}$  thick no thicker and can't be welded to mounts on frame.**

**Distributor protector may not be used.**

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CONTACT FOR MORE INFO:

- **Derby starts at 7:00 pm.**
- **Inspection** starts at 3:30 pm and must be completed by 5:30 pm.
- **A mandatory drivers meeting** will be held at 6:15 pm.
- All cars must be available to be inspected by 5:00 pm.

THE HARDIN COUNTY FAIR OFFICIALS

For questions

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