



SEPTEMBER THE 24TH THE HARDIN COUNTY FAIRGROUNDS

20TH ANNUAL

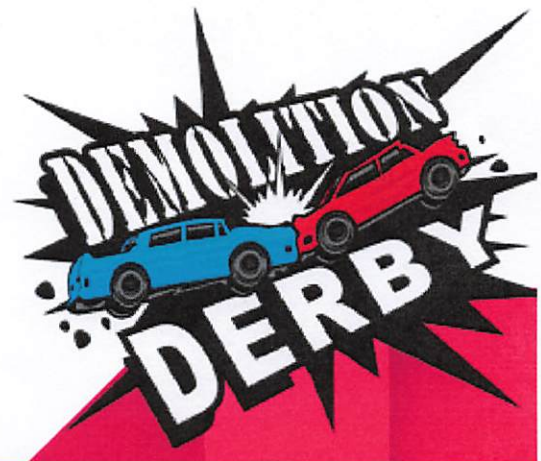
2022 Tech Rules For Light Weld 1973 AND NEWER CARS ONLY

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.



DRIVER DOOR HITS ARE NOT ALLOWED AND ARE PUNISHABLE TO DISQUALIFICATION AND WILL BE STRICTLY ENFORCED.

Official Tech Rules

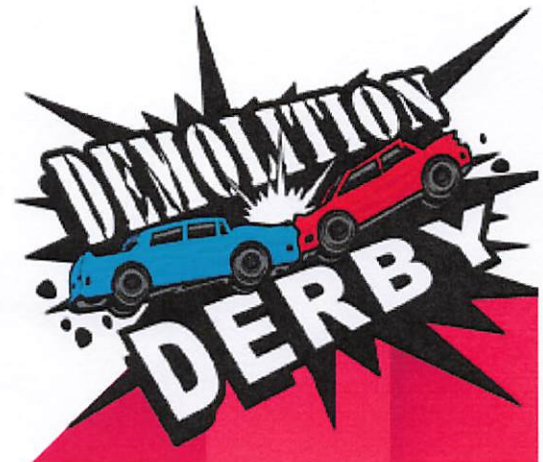
VEHICLE SPECIFIC:

- 1: Hearses, limos , chrysler imperials, imperial subframes, suicide door lincolns, SUV's wedges and sedagons are **NOT** allowed. No imperial full or subframe swap outs are allowed.
- 4: All 80s and newer cars will be allowed to tilt or cold bend in one location only. Cut, tilt and weld back. No added metal.
- 5: All 80s cars will be allowed 22" x 6" x ¼" hump plates. straight or contoured is ok
- 3: The cars must be 1973 and Newer
- 4: 98-up Ford, Lincoln and Mercury may use watts conversion brackets.
- 5: Old iron is **NOT** allowed to tilt or cold bend. 12" x 6" x ¼" thick hump plates are allowed

Body:

- 1: Body creasing is allowed. Rear quarters must stay standing.
- 2: Trunk must have a 10" hole for inspection purposes. Hood must be open during inspection and have a 10" hole over the engine for fire safety.
- 3: Firewall can be cut for clearance. You can remove but you can't add.
- 4: (2) 3" wide max steel plates or chains can be welded from roof to firewall for driver safety. 6" exposure max on roof and firewall.
- 5: The driver's door can be welded solid and/or have ⅛" door skin for safety. You're allowed 6" on and 6" off on doors and trunk. 3" x ⅛" max.
- 6: Hood can be secured with 6 points total. Core support body mounts 1" (all thread) max and additional (4) ¼" max 2"x2" angle 2" long with single bolt can be used to secure the hood.

- 7: Trunk can be welded 6" on and 6" off with 3" wide x $\frac{1}{8}$ " max straps. (2) of the body bolts may extend through the trunk lid. 36" max length. (1" all thread maximum)
- 8: Back window bar 3" max diameter. 6" mounting plate and must attach within 4" of where the speaker deck and truck lid meet.
- 9: Expanded steel or $\frac{1}{8}$ " steel radiator guard 32" wide max can be welded 6" on and 6" off OR bolted to core support.
- 10: **DO NOT** move core support.
- 11: No body seams may be welded other than what is stated in the official tech rules.
- 12: Fenders may be bolted together using (5) $\frac{3}{8}$ " bolts per fender.
- 13: 5 spots of double stranded #9 wire may be used from hood to front bumper and also 5 spots from trunk lid to rear bumper.
- 14: bumpers must remain in stock location on frame (up and down) and can be no more than 27" from the ground to the center of the bumper on front and rear bumpers no lower than 17" from the bottom to the ground. OEM bumpers are recommended but aftermarket bumpers are allowed (**NO POINTIES**)
- 15: bumpers can be welded straight to the frame. No welding more than 6" from the back of the bumper.
- 16: Factory bumper brackets can be used but no welding on the frame more than 6" from the back of the bumper
- 17: (2) 3" x 6" x $\frac{1}{4}$ " plates can be used per frame rail in front and the same for the rear to assist in mounting the bumper. No welding of plates or bumper shocks more than 6" from the back of the bumper.
- 18: Max shortening of the front frame is to the front side of the factory core support mount. **DO NOT** move nor alter factory core support mount in any way. No shortening of the rear frame
- 19: No other welding on the frame other than what is listed in the official tech rules. Any illegal alterations to the frame will result in disqualification.
- 20: Factory transmission crossmembers or 2"x2" tubing or 3"x3" angle 6" long may be used to mount the crossmember
- 21: No frame shaping



21: No painted frames

22: all cars fresh or previously ran will be allowed (6) 4"x4"x ¼" plates. Plates can't be used as driveline kicker or frame pin. Plates can be bent. If **ANY** car fresh or previously ran comes through inspection with more than (6) plates there is no option to cut them off and you will forfeit your entry fee and be loaded.

23: Sway bars can be used but must not be in contact with the pulley protector at any time. Sway bars must bolt on and use factory style frame mounts.

24: Frame seams can be welded on top from the firewall forward with one pass, no building up of any welds, holes in the frame must remain unwelded.

DRIVETRAIN:

1: Lower cradle only on engine, front plate on cradle is ok. OEM transmission cases only

2: No transmission braces.

3: No mid plates

4: Header, carb and pulley protectors are allowed and must not brace the car in any way. Carb protector must not go past the centerline of the carb.

5: Header, carb and pulley protector rules are in place simply to protect your investment/engine. Do Not abuse these rules.

6: Slider shafts are allowed

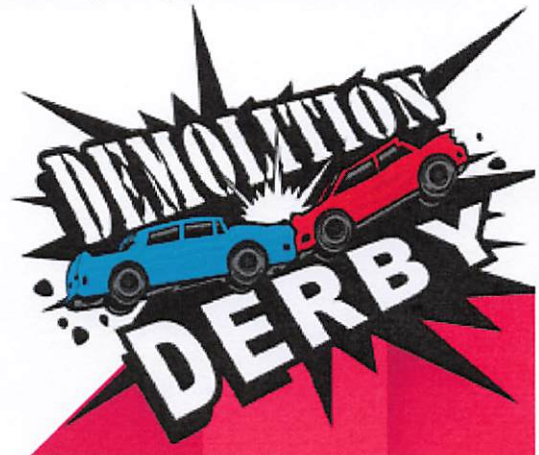
7: Engine swaps are allowed. For example a chevy engine in a ford or chrysler car

8: Any style rear end is allowed but bracing must not strengthen the car in any way.

9: Aftermarket lower engine mounts are ok, but No chains allowed on the engine. If you're using factory lower engine mounts, (1) 5/16" chain per side may be used to secure the engine. (2) links max welded to frame.

BODY MOUNTING:

1: Core support can have up to (2) threaded rods 1" in diameter and can extend through the hood. This may not be sleeved with tubing.



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This will count as 2 hood attachment points. Other attachment points are $\frac{5}{8}$ " max.

2: Core support spacer 8" max. You can weld to the frame or core support but not both.

3: Trunk can have up to (2) threaded rods $\frac{5}{8}$ " max diameter from your trunk lid to your frame, must have 1" gap between body and frame. This will count as 2 of your 6 total trunk mounts. Other attachment points $\frac{5}{8}$ " max.

4: Body mounts can be changed to $\frac{5}{8}$ " max bolt. Body washer must be up inside the frame 3" max washer. No added body mounts.

5: must have 1" gap between frame and body. Steel spacer or hockey pucks allowed. Steel spacers may not be welded to the frame.

SUSPENSION

1: Front suspension may be welded solid using (2) 2"x3" x $\frac{1}{4}$ " plates per upper control arm.

2: No solid rear suspension, must have movement. No all thread shocks

3: Coil spring cars can use #9 wire or chain from rear humps to axle, (2) links max welded to the frame.

4: Watts conversion brackets are allowed. Factory rear trailing arms can be strengthened or steel tubing may be allowed

5: Factory leaf spring cars must use factory OEM leaf packs and get (4) added spring clamps per leaf pack.

6: No leaf spring conversion.

7: Aftermarket ball joints and tie rod ends are ok. No heim joints

8: No bead locks or wheels with sidewall protectors.

9: A-arm swaps are ok

10: No aftermarket spindles. GM factory lift spindles are ok.

DRIVERS COMPARTMENT

1: Aftermarket shifter, throttle pedal, brake pedal, steering column and transmission cooler allowed but must not strengthen car in any way



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2: 4 point cages are allowed welded only to the body. 6" max tubing cage must be 6" from the floor, transmission tunnel and firewall. Side bars can't extend more than 6" past the front door seams and can't be welded to rear humps.

3: (4) down tubes from side bars to **BODY ONLY** are allowed and must be in the area between the dash and back seat bar.

4: Rollover bar allowed with max of (3) attachment points to the roof.

5: gas tank protector max 24" wide must be 4" from the package tray.

6: max of (2) batteries allowed

Don't look for gray areas and don't get creative, Call with questions to save on arguing during inspection

Contact for more info

DERBY STARTS AT 7:00PM

INSPECTION STARTS AT 3:30PM AND MUST BE COMPLETED BY 5:30PM

A MANDATORY DRIVERS MEETING WILL BE HELD AT 6:15PM

ALL CARS MUST BE AVAILABLE TO BE INSPECTED BY 5:00PM

THE HARDIN COUNTY FAIR OFFICIALS

FOR QUESTIONS

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