

2022 Lyon County Fair Derby Rules

Rules for all classes (NO Gray Area Building!!!)

1. All Drivers must be at least 16 years old with a valid driver's license. Those under 18 will be required to have a legal guardian for a signature.
2. All drivers must wear seat belts, a full-face helmet, & eye protection. Gloves are recommended.
3. No drugs or alcoholic beverages in the pit area before and during the derby in Tyler. No drugs or alcoholic beverages in the pit area before, during, or after the derby in Marshall.
4. No riders on cars at any time.
5. The driver is responsible for all members of the pit crew! Any rules found violated can result in disqualification of the driver, pit crew & car, and may also forfeit any winnings, entry fee, & trophy.
6. Mechanical work is to be done on the cars in the pit area only.
7. No displaying of foul, profane, or suggestive wording or decorations.
8. Tyler Pits open at 11:00 AM & must be in line by 1:30 PM, Marshall pits open at 3:00 PM & must be in line by 5:30 PM. (There will be no refunds if you fail inspection or get disqualified)
9. All glass, plastic, mirrors, trailer hitches and brackets, chrome trim, door handles, gas tanks, ALL air bags, and any loose objects must be removed.
10. Every car must have at least 2 wheels with working brakes.
11. Must have a 15 x 15 inch roof sign with your car number.
12. Must have a large hole in the hood in case of fire.
13. Must have a hole in the trunk for inspection.
14. All hoods must be open for inspection.
15. May weld a steel window net on driver's door.
16. Must have a windshield chain or bar 2 max attached to the roof & firewall (no more than 6 inches may be welded to the roof or firewall)
17. Batteries must be on the front passenger floor secured in a metal box or metal straps and must be covered. A limit of 2 batteries. (NO milk crates)
18. Floor shifters are allowed. Rear ends may be welded for posi traction.
19. Fuel lines must be incased in garden hose from tank to motor if high pressure lines are not used and must be run inside of the car, NOT under the car!!!
20. May run tranny coolers must use high pressure lines, no fuel lines with hose clamps.
21. If it is not in the rules, don't assume you can do it, call to make sure it is allowed.
22. No self-tapping screws!!!!

Compact Weld Class

1. Only 4 and 6 cylinder motors.
2. 111 inch wheel base max for front wheel drive. 105 inch wheel base max for rear wheel drive.
3. Every car must have at least 2 wheels with working brakes.
4. Body Bolts can be replaced with up to 1 inch bolts with up to a 4 inch by 4 inch plate.
5. Hoods may be bolted up to 6 spots with 4 going to the frame with a 5 inch by 5 inch plate max.
6. Trunk may be bolted in up to 4 spots with a 5 inch by 5 inch plate max.
7. No gussets front or rear.
8. May pre-bend but no WEDGES!! May seam fenders & doors. May tuck, dish, or fold in trunk but NO WEDGES!! May fold in fenders and bolt to floor. Fender wells may be bolted with 8 – 3/8 bolts.
9. Front suspension may be bolted or welded solid. Leaf springs may be clamped in 4 spots. Coils may be doubled, wired or chained.
10. May use motor and tranny of choice. Cradles, distributor protectors are OK. Any style of drive shaft is OK. Any car rear end is OK.
11. May use a radiator barrel but must be bolted in 4 spots and must run a vent tube under the car. May use electric fans. May weld a 2 inch by 2 inch ¼ thick angle iron on top of core support.
12. May stuff any factory car bumper and use any factory bumper bracket or brackets that are up to 20 inch by 4 inch by 1/8 inch thick and must stop in front of the suspension.
13. Driver cage can only be 5 feet from dash bar to seat or halo bar, outside to outside.

Full Size Limited Weld Stock Cars

No Gray Area Building!!!!

Body Rules

1. Any full size car except 1973 & older Imperials, Imperial Sub Frames, 1969 & older Lincolns, no convertibles, hearses, & limo's.
2. 2003 & newer Crown Vic's, Lincoln's, & Mercury's are allowed but front & rear suspension must remain stock and no tilting of the front ends.
3. May weld all door seams, trunk & tail gate on station wagons 5 on 5 off. Meaning you can weld 5 inches, skip 5 inches and so on. Driver's door may be welded solid and also have some type of beam across it no to exceed 6 inches past the door seam.
4. The hood may be held down in 6 spots with 2 being up to 2 inch threaded rod thru the frame, core support, & hood with a max of 5 inch by 5 inch plate bolted only, not welded.
5. May weld in a seat bar, dash bar, & side bars using up to a 4 inch by 4 inch tubing max. May have 1 down bar or tube welded to the frame between the dash bar and seat bar. May have a halo bar welded to the frame and bolted to 2 places on the roof the halo car must be 5 inches in front of the rear body mount in front of the humps. NO kickers allowed!
6. Gas tanks must be mounted behind the driver's seat or in the middle with a 10 gallon max. There must be a shut off switch if using an electric fuel pump! Steel tanks only! You may use a gas tank protector and only attach it to the seat bar no more than 24 inches wide from outside to outside and at least 1 inch from any sheet metal on all sides and 2 inches from the floor.
7. May have a rear window bar/tube, 2 inch by 2 inch tube max or 3 inch by ¼ inch bar max. May be bolted only! 6 inches on roof and 6 inches on trunk starting at the front trunk seam.
8. May tuck 50% of the trunk lid down and bolted or wired in 2 places. May dish trunk up to 4 inches and kink rear quarters up to 4 inches. NO folding fenders down in trunk! Trunks must have an inspection hole cut in them. May also have 2 all thread thru the frame bolted only NOT welded. NO WEDGES!!
9. No adding extra body bolts. You may replace the body bolts but you must keep the pucks or some type of spacer so the body is not tight to the frame.
10. You may use #9 wire on USED cars only 6 spots to the frame and unlimited on body 4 loops max!

Frame and Bumper Rules

11. May pull down pre-ran car frames and plate the frame with a total of 6 plates per car. T
12. he plates can be 4 inches by 6 inches and ¼ inch thick.
13. May patch rust holes with ¼ inch plates 1 inch past the hole on each side. Must be able to see hold above or below plate. Do not cut rust spot out!

14. You may resub a car, this should be done in the C section of the frame under the doors, you may overlap them 1 inch and weld back together.
15. You may shorten the front frame but the radiator support bolt hole must still be in place.
16. Any factory car bumper is allowed and may be stuffed inside. Please weld them on good!!! We don't want to stop the derby to pick up bumpers. NO homemade bumpers.
17. May cut a V in the top of the frame at the rear.
18. Bumper brackets may be ¼ inch thick, 4 inches tall, and up to 12 inches welded on one side of the frame.
19. May run a chain or wire to connect the frame rails behind the rear axle.
20. May weld the top frame seam from the firewall forward ONLY the tops seam, not the bottom.
21. May weld, chain, or bolt A-arms solid to a bumper height of 27 inches to the top of the bumper. Only 1 bolt per side up to ¾ inch. If welding 1 strap per side 6 inches long, 2 inches wide, 1/8 thick.
22. You may use #9 wire on USED cars only 6 spots to the frame and unlimited on body 4 loops max!

Drive Train Rules

23. Motor must remain in stock location and may weld the motor mounts. LOWER engine cradles may be used if you are using a lower pulley protector you MUST remove the sway bar. No distributor protectors. No tranny braces.
24. May use motor, tranny, & factory rear end of your choice. Cars must use a 5 lug car rear end NO floaters. If it is a leaf spring car you may have 6 clamps per side. This does NOT mean converting a coil spring car to leafs!
25. Only stocks radiators in stock location.
26. Ever car must have at least 2 wheels with working brakes.
27. Slider drive shafts may be used.
28. 15 inch tires max, valve system protectors are OK.