

# FULL SIZE MODIFIED RULES 2021

[www.smashitderby.com](http://www.smashitderby.com)

## Rules Contact:

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1. Any american made sedan or wagon (no full frame imperials, convertibles, limos, hearses, etc)
2. Helmet, seatbelt, long pants & eye protection must be worn at all times
3. Any controversies must be brought up before or during the drivers meeting.
4. Any questions call .

## **IF IT DOESN'T SAY YOU CAN DO IT DON'T. CALL FIRST.**

5. Judges decision final. May reject any or all entries for any reason.
6. Cars must be stock unless modification is stated in rules & trailer hitch & brace must be removed.
7. All glass, plastic & interior and decking in wagons must be removed before arriving at the event.
8. Motor of choice, engine cradle, front motor plates & chains are ok. Distributor protectors ok but no wider than the intake and can only be connected to the top and back side of the block.
9. A 12"x 12" inspection hole in all trunks & hoods but can be bolted back together.
10. Original gas tank must be removed & replaced with a boat type tank. (10-gallon max tanks)
11. Batteries must be moved to passenger's side floorboard and covered with a rubber mat.
12. You may weld, wire, bolt your doors, truck lids and tailgate completely shut (3" max wide 1/4 thick straps)
13. All interior body seams may be welded. Do not double up any body panels in any way.
14. Frame seams from the feet forward may be welded (1/2 wide max bead)
15. If a (one spot) frame section needs to be replaced or fixed from rust, it must be put back stock.
16. Don't load, plate or pin the rails. Do not use paint or undercoating to deceive us in any way.
17. You may put 4, 4"x4" plates max per side on pre-ran cars that have frame damage/bent
18. Back bumper must have factory size/length bumper tubs and may be strapped to the body with wire or 1/4 metal straps (limit 4 3" straps)
19. You may weld washers in all body mount holes (3" round max store-bought washers only)
20. You must have a window bar or wire in the windshield area. Rear window bar also permitted (3" max straps)
21. You may modify tie rods & control arms and use valve stem protectors. Any tires round and black.
22. You may use a floating gas tank protector that comes off the back bar, no wider than 2 ft wide. 23. You may have 6 spots on the hood. (bolt or wire & must count hinges) hood must be open for inspection.
24. Tucked cars there must be large holes cut in so we can see inside. No wedging call for tucking wagons
25. Body bushings may be removed & bolted down solid to the frame. You also may add 2 extra body bolts.
26. You may use 1" all-thread in the front to mounts. Put up thru and used for 2 of your hood bolts.
27. Body bolt max size 1 inch 4-inch size washers through the floorboard.
28. A-arms can be welded down to the frame. Cars do not have to bounce but height must be within reason.
29. Bottom of the back bumper can sit no lower than 16 inches from the ground.

30. No doubling up pre-ran sheet metal tears (1/2 overhang max using the same gauge steel when patching) \*note no over patching judges has final say.
31. You may use rear-end of choice. Eight-lug rear ends permitted (no dual rear ends)
32. Stock/type thickness on leaf springs. (no bus type heavy duty springs) 5 clamps max per side.
33. You may choose a or b NOT both.
- ..a.. Change coil spring cars to leaf spring set-up (refer to rule 32)
- ..b.. Use a hump plate over the rear end same contoured of the frame or a square plate (22"x6"x1/4") 34. You may have a cage surrounding the drivers compartment with a roll over bar. Bars 6" diam. Max. Must be sheet metal to sheet metal only. The dash bar must be 5" from firewall this will be strictly enforced. The bar behind the seat can sit no further back than where the kick panel meets the bench seat and must be at least 6" off the floor. No cage components can be farther back than where the kick panel meets the bench seat. Roll over bar and rear down legs are cage components no center bar in cages permitted. You may use 2 down legs to the frame from the rear bar down to frame these must run straight down no angling of the down legs permitted. You may use a floating gas tank protector that comes off the back bar, but it cannot be wider than 24" the gas tank protector or holder may go all the way back to the sheet metal. If the protector is wider than 24" it will not be allowed to run. Gas tank protector i holder can be welded or bolted to rear sheet metal or package tray with 2 - 1/2 " x 4"bolts or 2 -- 3" welds. You can have kickers from the front dash bar to the top side of frame behind a arms. 2x2 square tubing or 2" pipe only no other material may be used they must be within 2" of a arm.
35. Any year bumper permitted. All bumper seams may be welded, front bumpers may be loaded bumper must be a factory car bumper front and back skin is required no homemade bumpers dec bumpers are permitted all work to be done on the inside of the bumper. No spacers of any type permitted between the front bumper and the frame bumpers may be 8"from top to bottom and 8"from front to back. The bumper on the rear of the car must be factory (dec bumpers permitted) no adding of metal to bumper on rear of car will be permitted. Openings in bumper may be closed out. You may use 1/4" x 2" x 6" plate to weld from bumper to frame 2 per bumper mounting location. Rear bumper shocks must appear stock (must be round pipe or factory shock no square tubing will be permitted) front bumper you may use one not both of following 1. A 10" shock inside frame or 2. A 4" wide x 3/8" thick strap extending from your bumper down one side of the frame and cannot extend any further back than the very front most part of your original factory top-front a-arm bracket factory weld. You are also allowed to wrap this strap around the front of the frame 4" to create an "I" shape this is to give you enough material to weld your bumper to the strap. Plate may be formed but it cannot double at any point. Do not abuse this rule you will cut it. This strap must be on side of frame not top or bottom.
36. Clarification on calls about rules or rules left out will be gone over the day of the event with the car builders.
- \*note : no outlaw/over built bodies/frames judges has final say all cars must be built equal to the rules**
37. Do not patch anything other than the rust or a tear. If you over patch you may not get to ran.

ANY QUESTIONS MAKE SURE TO CALL FIRST!!!

*There are risk and dangers associated with demo derbies which could result in bodily injury, disability & even death.*

***You must accept these risks and not hold Smash It Demolition Derby's Inc.***

***Responsible.***