

80'S AND NEWER WELD CLASS DEMOLITION DERBY RULES

1. Refer to General Rules for non-building rules.
2. No 4X4 or all-wheel drive vehicles allowed. Front wheel or rear wheel drive is allowed.
3. Pre-derbied cars are allowed, provided they meet all rules.

VEHICLE PREPARATION:

4. Remove all glass, chrome, plastic, moldings, headliner, dash, flammable material, A/C coolant, antifreeze, trailer hitches and interior decking.
5. Stock gas tank must be removed. A small metal tank must be mounted in the rear seat area. The tank must be very secure and covered. If you need to use the original tank due to the fuel injection system, you will be allowed to. Tank mounting, covering and system must be very safe. Use the properly rated lines. No plastic tanks allowed for safety reasons.
6. Electric fuel pump allowed, but switch must be clearly marked on/off.
7. No more than two batteries allowed, which must be relocated to front passenger floor, secured and covered.
8. Floor shifter allowed. Ignition & wiring modifications (hotwire) allowed.
9. Hood must have 12" x 12" minimum hole to easily extinguish fires. Extra hole(s) in hood not required if you have at least 12" x 12" header holes.

FRAME, BODY & BUMPERS:

10. Absolutely no welding, bolting, pinning, screwing, etc. of the frame or body seams. Frames will be scoped.
11. NO frame or body repairs due to rust or damage.
12. NO stuffing or filling of frame. Do not undercoat, paint, cover or put any substance on or in the frame.
13. Firewall, floor pan (for shifter), and wheel wells or fenders can be trimmed.
14. Fenders or wheel wells & hood cut outs may be bolted in six places each.
15. Tucking of trunk or roof is allowed. You must allow access for inspection.
16. Doors must be chained, wired or welded shut in two places per door seam, each side of the window frame is considered a separate seam. Plates for welding door shut may not exceed 4" x

4" x 1/4", except on driver's door which may be welded solid. Plates cannot attach to frame, sheet metal to sheet metal only. Chains/wires may not go around the frame. Doors may not be bolted shut in any way.

17. Trunk lid/tailgate and hood must be secured by a max of 6 bolts each. Max of 1" in diameter. You may substitute an equivalent sized piece of steel (i.e. pipe or tube steel) and weld a bolt on the end, instead of using a long piece of threaded rod. Four bolts can go from sheet metal to sheet metal only & two can bolt or weld to the frame. The hood bolts that go to the frame must be located directly adjacent to the core support only. They can be bolted through the top of the core support but may not be welded to the core support in any way.

Body mount spacers can be eliminated for core support but must remain in the trunk area. All threaded rod or bolts must be vertical. No flat washers or plates bigger than 6" x 6" x 1/4".

Angle iron can be used for the tin to tin bolts and these bolts can be horizontal. Angle iron can be no longer than 6". Six chains or wire can be used instead of bolts if you prefer, but only 2 of these 6 can go to the frame.

18. Original body mount bolts may be replaced with up to 1/2" diameter max bolts, with flat plates or washers no larger than 6" x 6" x 1/4". Bolts can extend all the way through the frame but plates will need to be off for inspection. Body bolt locations cannot be changed. Body mount biscuits must remain in place or suitable equal sized replacement spacer allowed (stacked flat washers are OK). Core support body spacers can be left out.

19. Leaf springs can be clamped, two clamps per side. Leaf springs must be factory stock for your make and model of vehicle. Shackles or spring mounts may not be modified. Coil springs may be secured with chain/wire or a tack weld only. Suspension, spring & shocks must remain stock, unless noted. Max bumper height of 28" to bottom of bumper. No suspension or spring conversions allowed (coil to leaf, link to coil, etc.).

20. Steering joints, tie rods & rear control arms may be reinforced and modified.

21. Front control arms (A-arms) & ball joints used must be of an automotive type and can be interchanged from manufacturer to manufacturer. No reinforcing allowed.

22. Bumpers & brackets may be interchanged from make/model/year. Automotive bumpers & brackets only. No homemade bumpers or brackets allowed. Bumper brackets must be in factory location and may not be relocated to reinforce the frame.

23. Bumpers, shocks & brackets may be welded, bolted & chained/wired. Two pieces of 4" x 12" x 1/4" metal may be welded or bolted to help hold the bumper on. Bumpers may be trimmed, but no sharp edges. We do not want bumpers to fall off, please put them on securely.

24. Dash bar and seat bars are allowed for driver's safety. Bars may be connected to each other with door bars and may be connected to the floor (in four places max). Bars may not extend past the firewall and may not extend rearward beyond the front most part of the rear wheel well tubs. Bars may not tie into rear frame humps, drive train, frame or body mount bolt plates. Halo (rollover) bars allowed but they must remain within the safety cage area. No forward kickers off of dash bar allowed.

25. Driver's door window and windshield net/guard is recommended. Hardtop (no post) cars must have straps or chains/wires from door to roof in door post and/or passenger area. Rear window straps are optional and can only connect to the speaker deck area inside of the car (no rear window straps allowed on wagons). No additional strapping chaining/wiring is allowed.

ENGINE & DRIVETRAIN:

26. Any engine, transmission, rear-end combination may be used. Rear-end must be a max of a 5 lug automotive type. Rear-end may be welded or spooled. Rear-end guards allowed. Rear-end may be chained/wired to frame in two places max.

27. Engine must be within 5" of original position. Engine components may be modified (fan blades, header pipes, etc.). Transmission cooler allowed, must be secure and safe. Transmission may be chained/wired in place.

28. Motor mounts may be modified to better hold engine in place, but may not strengthen car. Engine may be welded or chained down with bracing or chains that can only be mounted to the engine in front of the motor mounts and can extend no further than 12" from the engine.

29. Distributor protectors allowed. However, guards and mounting brackets may not be any wider than the engine block.

MISCELLANEOUS:

30. Radiator must be in stock position. No auxiliary systems allowed. Radiator guards allowed, provided they are no thicker than 1/4" and are connected only to the radiator and the sheet metal. They may not connect to the frame or bumper.

31. Any type of tire or wheel may be used. Split rims must be welded solid. Wheel weights must be removed. Valve stem protectors are allowed.

32. All vehicles must have legible number on a roof mounted sign. Choose your number, first come - first served.

For questions or other information contact:

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