



STOCK DEMOLITION DERBY RULES 2009

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 original tank is needed due to the fuel injection system, you will be allowed to use it. 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 (2) batteries allowed which must be relocated to front passenger floor, secured and covered.
8. Floor shifter allowed. Ignition and 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 header holes are at least 12" x 12".

FRAME, BODY & BUMPERS:

10. Absolutely no welding, bolting, pinning, screwing, etc. of the frame or body seams. Frames will be scoped.
11. Frame or body repairs due to rust can be repaired with the same thickness material. Must be butt welded. No overlapping allowed.
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 and hood cut outs may be bolted in (6) places each.
15. Tucking of trunk or roof is allowed but 50% must remain in stock location. Must allow access for inspection.
16. Doors must be chained, wired or welded shut in (2) 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. Bottom door seams may have (2) chains or (2) wires around frame.
17. Trunk lid/tailgate and hood must be secured by a max of (6) bolts each. Max of 1" in diameter. An equivalent sized piece of steel (i.e. pipe or tube steel) may be substituted and a bolt may be welded on the end instead of using a long piece of threaded rod. Four bolts can go from sheet metal to sheet metal only and (2) can be bolted or welded to frame. Hood bolts that go to the frame must only be located directly adjacent to the core support. 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 but only (2) of these (6) can go to the frame.

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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 (2) 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 and 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.). You may use (1) 2" strap to hold up front suspension on each side. '99 and newer cars may weld lower control arm bracket on frame. Must be stock size thickness and stock location and may not reinforce in any way. Only (1) mounting system allowed.
20. Steering joints, tie rods and rear control arms may be reinforced and modified.
21. Front control arms (A-arms) and ball joints used must be of an automotive type and can be interchanged from manufacturer to manufacturer. No reinforcing allowed.
22. Bumpers and brackets may be interchanged from make/model/year. Automotive bumpers and 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 and brackets may be welded, bolted and 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.
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 (4) places max). Bars may not extend past the firewall. Door bars cannot exceed 18" past the center door post. Gas tank protector allowed but must be welded or bolted off back seat bar. Gas tank protector may not extend rearward beyond the front most part of the rear wheel well tubs and not to exceed 24" in width. Bars may not tie into rear frame humps, drive train, frame or body mount bolt plates. Halo (rollover) bars allowed but 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. No larger than 8" material. Rear-end may be chained/wired to frame in (2) 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 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 cannot extend further than 12" from the engine.
29. Distributor protectors allowed. However, guards and mounting brackets may not be wider than engine block. Distributor guard must be 6" from dash bar.

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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 and cannot be larger than 3" taller and longer than radiator. Must be bolted or wired.
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.