

# Hamilton County Demolition Derby 2020

## Full Sized Car Rules

---

Entries are open to men and women. In the interest of safety and in fairness to all contestants the following rules and regulations will prevail.

### **Driver entry:**

1. Drivers must 18 years of age or have notarized permit by parent or guardian.
2. Driver must furnish own car or have someone sponsor the car.
3. Driver may enter each heat, but must have a different car for each heat. You must run the same car in the feature event that won the heat. No picking your best car.
4. Heat placement will be given at the drivers meeting. All drivers must attend drivers meeting.

### **Participation Regulations:**

1. Vehicles may maneuver forward or reverse.
2. Two wheels out of bounds and you're out.
3. No hitting of driver's door allowed. Accidental bumps will receive one warning. The second will result in disqualification. If a driver's door hit is deemed to be intentional you will be disqualified.
4. Do not use your driver's door as a shield.
5. Drivers have "1" minute to make an aggressive hit. Do not sandbag, sandbagging will result in disqualification. Do not play possum.
6. No team driving!
7. In case of a fire, the heat will be stopped until the fire is out. The driver will have 1 minute to restart his/her car and hit another car. The second fire you are out.
8. Safety belts, eye protection, and a DOT certified helmet must be worn during all competition.
9. Drivers must remain in the car, with their helmets, eye protection, and seat belts applied, until the heat is over.
10. Emergency personnel and officials are the only ones permitted in the arena during the heats.
11. Orderly conduct is required of all drivers and pit persons. Violators will be evicted from the derby.
12. State law prohibits the consumption of alcoholic beverages on Hamilton County Property. State law also prohibits the consumption of alcoholic beverages while operating a vehicle. Therefore, no driver under the influence of alcohol or drugs will be allowed to participate or enter the

exhibition area. Judges may disqualify a driver if he/she is considered unfit to drive. Law enforcement will be notified of violations.

13. No one is allowed in the pit area without a pit pass. No one under the age of 13 is allowed in the pits. Entrants and pit crews are expected to wear pit passes at all times.
14. Entrants and pit crews are expected to keep their areas clean of trash and debris.
15. No one will be permitted to sit, stand, or jump on any vehicles towing or being towed from the arena.
16. The decisions of the judges are final. All protests, by a driver only, will be made to the head judge immediately following the heat. A \$250 protest fee is required to be paid in cash at time of protest. Driver protest must be specific as to location.
17. The head judge has final say on everything. Anyone arguing or verbally abusing anyone (Judges, Drivers, etc.) will be disqualified and possibly barred from future events.
18. Top 5 in final will be re inspected. **If rules do not state that you can do it, don't do it! Do not play in the grey area. Any questions? Call first!**

## Car Preparation Rules:

1. Any American car or station wagon is allowed. No pickups, jeeps, carryalls, Suburbans, taxis, hearses, vans, pre '74 Chrysler imperials, or Chrysler imperial subs are not allowed. No alcohol powered cars.
2. No tilting of frames. No cold bending/tilting.
3. Slogans, advertising, or printing may be placed on car except on front doors. Put drivers name and number on both front doors in large contrasting print. No vulgarities! Keep in mind that this is a family friendly show!
4. Radiators and fans may be removed, but not relocated.
5. No radiator protectors allowed.
6. No homemade radiators.
7. No relocating the radiator.
8. **Transmission protectors – Must cut entire transmission tunnel out – May run an aftermarket Transmission Steel Bellhousing – If you do not have a transmission protector you do not need to cut out tunnel. Do not tie in Transmission protector to cross member in a way that reinforces anything. Call if you have questions. Push the rule you can stay on the trailer.**
9. Transmission coolers, sliders, pedals, headers, and shifters, are allowed.
10. Batteries must be relocated to the passenger front floor. You may have two batteries, must be properly secured, and covered.
11. Bumpers and fenders may be trimmed.
  - a. May roll fenders.
  - b. May use (5) 3/8" Bolts per fender.
  - c. You cannot weld outer bumper skin to inner bumper skin.
  - d. No homemade bumpers.

12. Recommended that all holes in firewall be covered.
13. All glass and moldings must be removed. Do not break glass in doors. Back seats, headliners, door panels, dash, carpet and any other combustible material must be removed. Any molding retainers, clips, screws, ECT. Must be removed. Help us keep the derby arena clean.
14. Maximum of a 10-gallon gas tank. Gas tank should be placed behind driver's seat area and properly secured and covered. Make sure to keep safety in mind.
15. No special bumpers, trailer hitches, special lifts, airline blocks, shackles or any other reinforcements.
16. Driver's seat may be restrained to prevent falling back.
17. All Freon and antifreeze must be removed.
18. A windshield bar is required maximum of 3 permitted.
19. A roll bar is REQUIRED or you will not run. Please keep in mind your safety. If you have any questions how to do this please call.
20. Doors: doors may be chained, wired, bolted, or welded (see 15a) you must choose (1) method only.
  - a. Welding doors: You may weld the passenger front door solid on the outside seams only. (See Rule #18 for Drivers Door welding) Other doors must be (1 wrap only) chained or wired.
  - b. A wrap of # 9 wire is considered 1 fastener.
  - c. Only the front driver's and front passenger's door may be welded.
20. Hood Fasteners: you may have 6 hood fasteners (1" max bolts- may not go thru the frame). 1 hinge counts as 1 fastener. You may chain, bolt, or wire. Choose 1 method only.
  - a. You may have (2) all thread through the frame at the front body mounts only. All thread may go thru the hood. 1" Max all thread. These count toward your 6 fasteners. You may remove front rubber body mounts (at core support) only. Other hood fasteners must go thru body only. No added body mounts.
  - b. (6) ¼"X6" hood washers.
  - c. Must have 12"X 12" hole cut in hood in case of fire.
21. Trunk lid: May have (6) fasteners (1" bolts max- may not go thru the frame). Must have (2) inspection holes in trunk lid a. (1) Hinge counts as 1 fastener.
  - b. May tuck your trunk lid.
  - c. You may use (2) all thread in trunk, all thread must go through an existing body mount, may go thru trunk lid. 1" Max. This will count as (2) of your trunk and trunk lid fasteners.
  - d. (6) ¼"X6" washers are allowed on trunk.
  - e. You may bolt, chain, or wire trunk. Choose only 1 method.
  - f. You may pre-bend. Limited creasing and body lines.
  - g. You may remove the rear (trunk) body mounts and bolt trunk directly to the frame. 1" bolts max, ¼" X 6" washer max. No added body mounts allowed.

- h. You may remove front 2 body mounts and the 4 trunk body mounts only. Others must stay completely intact as they came from the factory.
22. Drivers Door: We want you to be safe!
- a. Weld it solid!
  - b. Reinforce it!
  - c. Driver's door inside padding is required.
  - d. You may have a driver's front door bar on the outside must not protrude more than 2" and 12" past door seams.
23. Bumper and bumper brackets:
- a. Bumper may be welded from bumper to shock, bracket to shock, bracket to frame.
  - b. You may use only 1 set (stock) of bumper shocks and brackets to attach front bumper.
  - c. Do not use this to reinforce frame!
  - d. **You may weld bumper directly to frame!**
  - e. Bumper swaps are permitted.
24. Leaf springs, suspension, and steering:
- a. No leaf conversions.
  - b. 4 fasteners (spring clamps) per side.
  - c. Do not wrap with tape.
  - d. Built spring packs are not allowed.
  - e. May have solid front suspension(may use(2) 2"x3"x1/4" plate per a arm or (2) small chains per side to weld down) Do not use to reinforce frame
  - f. May use spring spacers to gain height
  - g. No homemade shocks.
  - h. No all thread in place of shocks.
  - i. No aftermarket or built spindles
  - j. No built/aftermarket tie rods
25. Tires and wheels: Unlimited.
26. Rear end:
- a. May change rear ends.
  - b. 5 lug max
  - c. Rear coil springs may be wired in. (1) Wrap on top and bottom.
  - d. May lock rear ends.
  - e. No braced or reinforced rear ends.
  - f. No axle savers
27. Pre-run cars:
- a. May repair damaged frames with (2) ¼"x3"x6" plates per frame rail. Must have a hole drilled in repair plate to verify thickness. Plates must be used as intended. Do not cut up one plate into (6) 1" strips. (Example 1"plate -1/2" of weld 1" of plate ½" weld ETC. use

complete plate to repair damaged area) Repaired area must have been damaged and must be visible to official. No plating an undamaged frame. Call first if you have any questions.

b. Please do not abuse this rule.

28. Engines and Transmissions:

a. May change as necessary.

b. You may use (2) chains to secure engine.

c. No full engine protectors (cradles), distributor protectors. You may have an engine cradle to save/protect your block. May not be welded down must be bolted.

Engine cradle may have a pulley protector. Engine cradle may not be used as a kicker. No kickers period. Use it as intended to keep from breaking your block or mounting a different engine in another make vehicle. Please do not abuse this rule!

29. Do not add any metal, wood, plastic, or any other foreign material to doors or frame, ECT.

30. You may have a dash bar and a bar behind the seat. You may also have a bar that connects the dash bar and the bar behind the seat on both the drivers and passenger sides. You may weld these in securely. You may attach rollover bar to the behind the seat bar. No bar is to be welded directly to the frame.

31. If you have a fuel tank protector it must be 6" away from rear seat/decking. Do not use this to reinforce vehicle.

32. **Any modifications that add structural integrity to the car, other than the modifications listed are considered illegal.** Cars will be inspected prior to the derby. The top 5 in the final will be re inspected.

a. If these rules set forth by the Hamilton County Fair Board are not followed, vehicles and participants may be disqualified, any or all prize money may be forfeited.

## Entry Disclaimer:

The Hamilton County Fair Board and everyone associated with the demolition derby are not responsible for accidents, injuries, theft or liability. Judges decisions are final. We reserve the right to disqualify, remove, or ban entry to anyone in violation of these rules or whose behavior is unacceptable.

## Heats:

Number of heats will be dependent on number of cars. We will run heats, consolation, and the Final.

There will be a Powder Puff heat following the final derby heat. If we have enough cars to have one.

## Removal of cars:

Each driver must remove car and any broken and removed parts from the fairgrounds by the following Monday after the derby by noon. After which time, cars left on the grounds will become the property of the Hamilton County Fair Board and will be removed at the immediate previous owner's expense.

**Questions about the rules:**

Greg Watson

620-384-4058