

Fall River County Demolition Derby Rules 2023

Driver Rules:

1. Participants must be 15 years of age or older to drive in either the Feature or filler classes. Anyone under 18 years of age must have a minor release/parents signature. Minor release form must be signed at event and parents must be there for the event.
2. All drivers and pit crew must sign a release form which releases Fall River County Fair Association from any responsibility in case of injury, damage of property, fire, or theft.
3. Any driver or pitman drinking before or during the Derby or is intoxicated will be disqualified and asked to leave. Violation of the rule by either the driver or any of the pit crew will also disqualify the car.
4. All Drivers must wear safety belts and D.O.T. certified helmets.
5. Children will not be allowed into the Derby Pits, unless they are drivers children and are accompanied by an adult AT ALL TIMES. This means in a stroller, in a vehicle or carrier and not running loose whatsoever.

Car Rules:

1. Any year or make of car or station wagon may be used except convertibles. No jeeps, trucks, vans, or SUV's.
2. The following listed cars that compete in the main feature class will be allowed to weld the hood shut in addition to rule #29 (hood bolts). The hood may be welded on all four sides, but if welded must have a 2 × 2 hole cut out for inspection. The cut- out portion may be folded over and bolted or welded, but not past the edge of the hood. The frame on these cars only can be cut and tilted, but if so, would not be allowed to weld the hood shut or weld the spacers (top or bottom). Tilting would count as a repair.
 - A. GM's: any 1977 or newer except Malibu, Monte Carlo, Buick Regal, Pontiac Grand Prix, Olds Cutlass, these five must be 1978 or newer. Cadillac Eldorado and Olds Tornado must be 1979 or newer.
 - B. Mopar: 1979 or newer, except Cordoba must be 1980 or newer.
 - C. Fords: 1970 or newer.
3. Vehicle body must match frame style. The body can not be welded to the frame. No added metal unless noted in the rules.
4. All glass, inside door panels, headliner, carpeting, air bags, rear seat, exterior fiberglass, decorative chrome and trim including door handles, mounting screws, clips, etc. must be removed. Trailer hitches must be completely removed. Air conditioning units must be discharged or removed.
5. Original stock gas tank must be removed or have the bottom cut out. The gas tank (Maximum size 6 gallons) must be securely fastened in the center of the rear seat area.

6. Any car leaking gas or catching on fire will be disqualified.
7. Battery must be securely fastened to the front floorboard and completely covered or enclosed in a battery box. No more than 2 batteries.
8. Radiators must be in original location if used.
9. Engine mounts may be welded and modified to use any engine in any car. Lower engine cradle is acceptable. No Full Cradles or anything extreme, or it will be cut at inspection. If no cradle is used, then four 3/8" chains with non-welded links or cable, or two 2 1/2" x 1/4" strap, or two 2" X 2" X 3/16" angle may also be used to secure the engine. One chain link may be welded to the frame, or if strap or angle are used no more than two inches may be welded to the frame. Attachments may not be more than 4" ahead of or behind the engine block. Pulley protector is allowed if stabilizer bar is removed.
10. No distributor protector allowed unless no dash bar is used or if the firewall is cut out the size of the distributor protector to ensure that it is not used for reinforcement and must be at least 4" from and may not contact the dash bar.
11. No transmission braces or steel tail shafts. Steel bellhousings require a slice on top of the tunnel from the front of the firewall to 22 behind the bell housing Transmission cross member may be replaced with maximum 2" x 2" x 1/4" tube. Cross member may be bolted or welded. No gussets or added metal.
12. Transmission coolers, electric fuel pumps, modified drive shafts, drive line brakes, custom steering columns up to steering box will be allowed.
13. Any five-lug rear end with limited reinforcing (no plated, boxed, or encased rear ends). 3/4 ton rear end will be allowed if it is completely stock with no braces or axle savers. One loop of 3/8" chain is allowed per side around rear end to frame.
14. Maximum of 7 leaf springs with minimum of 2" stager, 9 on GM wagons with original stock leaf package. Maximum of 4 leaf spring clamps per spring, 2 in front and 2 behind the differential. Main leaf may not be shortened or relocated.
15. Leaf spring conversions are allowed in the limited weld class only. 2003 and newer are limited to 5 leaves.
16. Coil spring spacers are allowed. Rear control arms may be reinforced using the original control arm. Shocks may not be welded. If car has air shocks, it may not be raised above standard height.
17. Upper a-arms may be chained to the frame or welded on both sides with 2" x 2" x 1/8" strap. 2" weld on a-arm and 2" weld on frame. Chain can have end link welded.
18. Spindles, tie rods, and tie rod ends must be OEM stock. To repair bent or broken tie rods use only a 3" piece of pipe as a coupler or a 3" piece of 1" angle iron. Only one repair per tie rod allowed.
19. 2003 and newer cars with aluminum cradles are allowed two options:
 - Option #1 Cradle may be replaced using only 80's or newer parts, Ford in Ford etc. with any 80's or newer steering sector. No plating or any added metal. You

are allowed to adapt an 80's or newer spring pocket or build a spring pocket and weld to the outside of the frame, ball joint side. This spring pocket can only be one layer thick and made of 3/16" material. It cannot be any bigger than 6" in diameter. Spring pocket must be flat on top and only give the a-arm a spot to rest not reinforce the a-arm. If judges feel that you have overbuilt the spring pocket you will be required to change it. Must remain 1" from engine cradle.

Option #2 If using aluminum cradle and all OEM original parts you will be allowed to use a one piece engine saddle plate over the cradle for ease of mounting your engine. No bolt in cradles.

20. No frame seam welding, except back side of a-arms forward.

21. Y-Frame Chryslers excluding Imperials may weld 1/8" plate top side of opening.

22. Front bumper can be any car bumper or a one piece maximum 5" x 5" x 1/2" straight open end square tube. No added metal to any bumper. Same rule applies to Chrysler Imperials except no frame shortening is allowed. All bumper brackets must be stock with no additional brackets and may be welded to bumper and frame, or may remove all original brackets and shock tubes and use one 14" x 4" x 1/2" flat strap with the last 4" bent into an "L", welding 10" on the outside of the frame and the 4" bend to the bumper. Bumpers may be welded directly against the frame, but no bracket can be welded beyond 10' from the front of the frame. Two-piece bumpers may be welded together. Inner bumper must be visible for inspection. Single piece front or rear bumpers may be welded to body. Rear bumper can be any rear car bumper, except imperials, station wagons, or 2003 and newer must remain original style bumper. Limited weld class rear bumper height must be at least 14" to bottom of bumper.

23. All Doors, trunk lids, or end-gates must be chained or welded shut from the outside only. Filler rod may not exceed 3/8" rod or 1 1/2" x 1/8" strap. When welding the trunk or end-gate shut it may not be welded to the rear bumper, (exception, single layer rear bumpers may be welded to trunk and body).

24. Trunk and Station wagon storage area must be empty and have a 12" x 12" inspection hole or be completely visible. Cut out section may be folded and welded or bolted.

25. Trunks will be allowed two 1" all-thread from the top of the trunk lid to the frame either bolted through or welded. They may not be connected to the rear window bars. Station wagons can bolt to the deck lid or the tailgate, not to the roof.

26. All exterior factory body seams may be welded. Do not use filler rod or strap or more than one weld pass (Folding or pinching body panels together is not a factory seam). No welding under the car, engine compartment, inside of trunk or cab. Station wagons with rear storage compartments may weld the lids shut. Top of doors may be pinched and welded. Sun roofs must be enclosed.

27. Outside fender wheel wells cut, rolled, or folded over for wheel clearance may be bolted with 3/8" bolts or welded back together without the use of extra metal.

28. Hood must be in the original location, operable or removable for inspection, and have a hole cut near the carburetor large enough to extinguish a fire. Cut out sections only may be folded over and rewelded or bolted, but not past the radiator support.
29. Hood can be chained, wired, or bolted (no larger than 1" bolts, 1/2" chain, or 3 wraps of #9 wire). Maximum of 6, any combination, but only 2 can be attached to the frame and may replace the front two body bolts. Frame washers may not exceed 4" x 4" x 3/16" and may not be welded. Additional bolts max 8" long may have two washers per bolt not to exceed 5" x 5" x 1/4" and can be welded. If two pieces of angle iron are welded on top of the hood and fender they cannot be longer than 8" or larger than 2" x 2" x 1/4" with one bolt. No attachments in front of radiator except single looped chain to bumper if using a single skin or unwelded bumper.
30. Windshield opening must have one vertical bar, wire, or chain for driver protection, maximum of three. If attached to sheet metal they may not be attached to any other bracing.
31. Rear window opening may have 2 solid bars or chains for safety. Max size 36" long by 2" x 2" welded directly to the roof and trunk or with a 4" x 4" x 3/16" mounting plate. Unattached from any other bracing, No other wiring or chaining allowed.
32. A 4-point cage may be constructed with a maximum of (4) vertical posts, (1) bar across the dash area, (1) bar from post to post behind driver seat, (2) bars across both the driver and passenger doors, (1) additional down bar per side from lowest door bar to floor to protect driver and battery. There must be at least 4" between all horizontal bars to all floor sheet metal, including the transmission tunnel. No bars can be against or welded to the frame or cover any body mounts. Bars may not extend past the dash bar or rear bar, or into the doors. A roll bar or halo bar is recommended, mounted vertically to the floorboard as 2 of the 4 posts or to the top of the rear crossbar. Cage material must not exceed 6" OD. Flat plate can be used on ends.
33. Gas tank protection can only be mounted to the center of the seat bar using 3" x 3" max size and no closer than 4" from all sheet metal including top of tunnel and rear deck. Max width 30" O.D. A 12" horizontal gusset per side is allowed to the seat bar.
34. Driver's door may be reinforced on the outside up to 10" past the door seams.
35. Driver's door must be painted a contrasting color. All other doors must be the same color as the rest of the car. Number must be on both front doors and top of car.
36. Only the exterior body of the car will be allowed to be repainted. Do not paint the interior of the car, underneath the car, engine compartment, or the frame.
37. Body mount bolts may only be replaced with original OEM size bolts. Rubber body mounts must be in place with the exception of the front two radiator core support mounts and the four trunk mounts may be removed. Max washer size 4 x 4 x 3/16.
38. Factory holes in body or frame may not be patched unless damaged, except firewall holes may be patched for fire safety.

39. When repairing damaged cars patch damage with no more material than is absolutely necessary! No material stronger than what you are repairing is to be used. Repairs will be thoroughly checked to judge's discretion. Judges may make exceptions for extreme damage. A bore scope may be used at inspection if needed.

A. Sheet metal: Use the same thickness of metal not to exceed 18 gauge. May overlap holes or rust by 1". Officials may drill patches to verify thickness and overlapping

B. Frame: Damaged frame rails may be welded, or patched with 1/8" steel on two sides or 1/4' on one side with one full inch unwelded to verify thickness. Each repair can be up to 10" long, but no more than 24" total per frame rail with 3" between repairs. Maximum of 4 repairs per frame rail (4 repairs on driver side, 4 repairs on passenger side). No pinning.

C. Bumpers: Reweld breaks. Minimal patching.

40. Any type of tire. No studded tires on drive axle. Wheel weights must be removed. No homemade or reinforced wheels. No split rims. Universal inner wheel centers are ok, but no full wheel centers. Valve stem protection is ok.

41. All cars must have working brakes before their heat begins.

42. CARS WILL NOT BE ALLOWED IN THE PIT AREA UNLESS ALL BROKEN GLASS, LOOSE SCREWS, ETC. ARE REMOVED, INCLUDING THE INSIDE OF DOORS. CARS SHOULD BE SWEEPED OUT OR VACUUMED.

43. Cars will be thoroughly inspected. Cars may be reinspected anytime during or after the Derby. We may lift your car to inspect the underside.

44. Cars must remain stock unless otherwise noted in the rules. If it's not in the rules, it does not mean you can do it. Call for clarification.

General Rules:

1. No inter-phone systems permitted in the cars

2. Each car has 1 ½ minutes to make an AGGRESSIVE hit on another car. Being hit by another car DOES NOT renew your 1 ½ minutes.

3. Anyone hitting a driver's door will be disqualified at the discretion of the judges.

4. If all four wheels of your car get pushed over the boundary you are out.

5. Do not get out of your car or take off your seat belt or helmet, other than in case of fire or rollover, until the heat is over.

6. All cars must be removed from the fairgrounds by 10:00 a.m. the next morning.

7. Each heat will stop when only 2 or 3 cars remain running and they will advance to the Main Event. Consolation will be determined by car count.

8. Cars must check in between 12:00 p.m. - 4:30 p.m. The pit meeting will be at 6:00 p.m. PLEASE HAVE YOUR CAR READY WHEN YOU ARRIVE. AFTER INSPECTION ALL CARS WILL BE IMPOUNDED.

9. \$100 entry fee admits: 1 driver and 2 pit crew. Additional pit passes may be purchased for \$30 each and names need to be added to every driver sheet. Drivers may enter more than one car. **Fair all event passes do not include pit admission for the derby, they need to be purchased separately**

10. We encourage you to register early to reserve your number. Drivers who participate regularly in the main feature will have their numbers reserved.

RULES FOR SPECIAL FEATURE COMPACT CAR CLASS

1. All of the same car rules apply to compact cars except the following:
2. Any rear-wheel-drive car with 105" wheel base or less, or any front wheel drive car with 108" wheel base or less. Four or six-cylinder engines only, (no turbo's unless the turbo is disconnected)
3. No four-wheel drives, (unless one of the drive shafts is removed)
4. Any car bumper on any car excluding a Chrysler pointy, or a one piece maximum 4" x 4" x ¼" straight open end square tube. Any replacement bumper that is longer than the width of the car shall be bent or cut to the width of the car. All bumper brackets must be stock and may be welded to bumper and frame, or may be removed and mounted with one 14" x 4" x ¼" flat strap with the last 4" bent into an "L", welding 10" on the outside of the frame and the 4" bend to the bumper. Bumpers may be welded directly against the frame.
5. Factory number and size of leaf springs only.
6. 4" max roll cage material.
7. No engine cradles.

RULES FOR SPECIAL FEATURE 80'S NO WELD CLASS

1. All of the same rules apply except the following:
2. 1980 or newer cars, including:
 - A. GM's: any 1977 or newer except Malibu, Monte Carlo, Buick Regal, Pontiac Grand Prix, Olds Cutlass, these five must be 1978 or newer. Cadillac Eldorado, and Olds Tornado must be 1979 or newer.
 - B. Mopar: 1979 or newer, except Cordoba must be 1980 or newer.
 - C. Ford: 1980 or newer.
3. The only welding allowed will be as follows: Engine mounts, driver's door, driver's door bar, front & rear window bars (cannot be welded to trunk lid), 4" max cage (rule #32), rear end gears, bolts or angle iron for hood, upper a-arms (rule#17), repairs to used cars (rule #39, must be visible damage).
4. Doors & trunk lid can be wired, chained, and or bolted with 3/8" bolts (also see rule #25 two trunk bolts to frame).
5. Bumpers must be 80's class bumpers, the bumper can be welded to the frame but not in a way that will strengthen the frame or body of the car

6. Any car stock rear end that mounts correctly, no reinforcing, no axle savers. Gears can be changed and welded.
7. Stock frames with no tilting. No steel bellhousings. No pinon brakes. No engine cradles except basic lower cradle. Distributer protectors may be top-mounted only, not mid-plate style on the back of the block.

RULES FOR SPECIAL FEATURE TRUCK CLASS

1. All of the same rules apply except the following:
2. Standard ½ ton, ¾ ton, 1-ton regular cab, extended cab, or crew cab trucks, Suburban's, Broncos, Blazers, Vans, etc. No HD or fully boxed frames. No Commercial vehicles. Standard box, no flatbeds. 4-wheel drives must have one drive line removed. Body must match frame style.
3. No dual wheels or split rims.
4. Front and rear 10" of c channel frames may be boxed in with ¼" plate.
5. Bumper and Brackets (refer to rule #22), also includes option of 5" x ¼" max straight open-end round bumper. Bumper brackets may also be replaced with 4"x 4" x¼" angle 6" long, or 3" x 3"x ¼" square tube or pipe maximum 10" long.
6. Stock suspension only, no raising or lowering. Standard height or it won't pass. Rear shackle hanger can be removed. Rubber body mounts may be removed.
7. Cage and roll bar mandatory (rule 32), 4" max size. One additional bar on each side may extend from the cage or roll bar to the rear wheel well no further than the axle. Single cab trucks may extend the bar behind the seat through the cab and box.
8. Gas tank must be in the back-seat area or in the front center of the truck box securely fastened and protected.
9. Weld doors and end-gate same as car rules. Weld box to cab as needed to fill gap, 4" x 3/16" strap maximum. Box may also be bolted to cab.
10. Bed sides and end-gate may be folded in with no additional welding. If folded 2 body bolts may go through end-gate. Body and box can not be welded to frame.

MOWER DERBY RULES

Entry Fee: \$20

1. Mower must be a factory available lawn mower, no garden tractor. (No homemade frames.)
2. No rear engine lawn mowers are allowed.
3. Engine must be a factory lawn mower engine such as Briggs & Stratton, Tecumseh, Onan, etc.
4. Transaxles must be factory available mower transaxles, but any reinforcing and/or welding of spider gears are permitted.
5. Engine bay reinforcing is permitted, but must be contained inside of the hood and must maintain factory body lines.

6. All mowers must run a factory hood and fenders and have the hood either screwed or welded down to the dash panel around the driver's area. (Note: If the hood is fiberglass you can make one out of sheet metal only but must be the same size as the fiberglass one.)
7. Mowers must have good brakes and forward and reverse gears at the start of the heat.
8. Gas tank must be secured and have a cap on it. (If any gas at all is leaking, you will be asked to shut it down.)
9. Leg guards are mandatory and must be bolted and/ or welded from rear fender to front of foot rest or frame. It may cross through the rear of the engine to tie side to side.
10. A rear bumper is permitted, but is not allowed to extend more than 4 inches out and it must stay in between the tires; also, no spikes, sharp edges or any protrusions allowed. (Bumpers can be homemade with no larger than 3 in sq. tubing no thicker than 1/4in or equivalent shape or size).
11. Re-gearing and changing of pulleys to increase speed is permitted and encouraged.
12. Any and all drivetrain modifications are permitted, but must stay belt driven. Absolutely no chain driven setups or shaft type setups
13. All mowers must use lawn mower type wheels; rim bead guards, tractor threads and cut tires will be permitted, but no tire chains or dual wheels will be allowed
14. Mower decks and hardware must be removed.
15. All headlights and any other glass and plastics within contact areas must be removed before you enter the pits.
16. Batteries will be permitted; they must be sealed, gel or dry cell type. The battery must be mounted behind the engine or under the seat and be well secured.
17. Front Lumpers are allowed not to go past the edge of the wheel at full turn, and not exceed 5 inches from the front hood and no larger than 3 in. thickness max. Must be unobstructed and able to see through or send wire through.
18. You can build up the front of the frame and underneath the grill to hit with. The front of the mower must be a smooth finish for safety.
19. For safety, if a mower does roll over, all drivers must stop and wait until that driver up-rights his mower and gets off the track.
20. Please put your number on each side of your mower or the hood visible from the side or helmet so we can track the winners.
- 21.333 rule: three restarts, three complete tipovers or rollovers, three minutes of non movement or hits
22. We will go over all ground rules in a mower's driver's meeting before the heat.
24. Mower inspection will be done by the volunteers. If you see something, ask questions and learn, This is a new sport and we want it to grow: We will have an official

walking through the pits before the heat. If there is any misunderstanding of the rules, please get with an official. Keep in mind when building your mower, safety first for you and the mower you're hitting

Before any payout, we may ask to look inside the mower for any violations to rules such as improper batteries or chain driven setups or shaft type setups.

POWER WHEELS DEMO DERBY RULES

Entry Fee: \$10

1. This is supposed to be fun for kids, parents please let them have Fun!

Judges can rule that children won't participate if there are modifications to the car more than those allowed as stated here.

2. Kids 3-12 years of age may participate. There will be two age groups 3-6 and 7-12 years old.

3. Derby is limited to 6, 12 or (20 Volt for 7 to 12 allowed volt power wheels ONLY). No connecting multiple batteries together. (this makes the vehicle move too fast and makes it unsafe for younger group)

4. No added reinforcements

5). All doors and tailgates must be strapped shut. No sharp edges. Use zip ties or duct tape (or other flexible products to make them stay shut.

6. Stock tires only. No screws in tires, no chains, etc. Tires may be taped

7. Do NOT raise or lower. They must be the stock height that came from the store.

8. Batteries must be secured and away from the child

9. Decorative changes can be made to the Power Wheels to make it look like a derby car, however there can be no reinforcement to the Power Wheels. Changes and additions can

ONLY be decorative. (ie header pipes sticking up, painting the car, etc)

10. Helmets are required. Bicycle helmets are okay.

11. Shoes or sneakers required. NO Sandals

12. Must have a seat belt on at all times

13. No passengers

14. Everyone must pre-register as all participants will receive a prize.

15. When choosing a Power Wheels for your child, please keep in mind these vehicles will

be running into each other (like bumper cars or derby cars. The Power Wheels must be the kind that the child sits IN not ON.

16. NO FOUR WHEELERS, TRACTORS, MOTORCYCLES.

17. Everyone must pay gate admission to the fair

18. One parent per driver will be allowed in the Pit area.