

2023 Alaska State Fair Demolition Derby Rules (SMALL CAR / COMPACT)

If car does not pass inspection or driver is unwilling to change car to pass inspection, car will not run in derby - absolutely no refunds!!

1. All rules will be followed, or you will not run!! No PROFANITY or bad taste shall be allowed on the car or paint job. It will be painted over if found to be offensive. Children are our biggest fans!
2. Drivers must be 15 years of age or older and have a valid driver's license or permit. Ages under 18 must have a signed permission slip.
3. Driver must wear seat belt, helmet, shirt, and eye protection at all times when operating vehicle. Neck braces are highly recommended. It is also recommended that have a fire extinguisher mounted inside the car, within reach of the driver.
4. ALL drivers and crew members must attend the drivers meeting.
5. DO NOT hit the driver's door! Sometimes this happens, but if it looks intentional or carelessness, you will be disqualified. Don't use your door as a shield, it may cause you to get disqualified. **Drivers door will be painted red;** If the primary color of the car is red the driver's door will be painted black.
6. Numbers must be displayed on both sides of the car.
7. No hot rodding in the pits, keep it at an idle.
8. Any fire or roll over may cause a disqualification. Once the fire is extinguished or the vehicle is rolled back over, it will be determined at that point if you can continue. If you are allowed to continue and have a second fire or roll over, you are out for the heat.
9. NO sandbagging or holding!!! You will be disqualified!!!
10. You are given 2 minutes for aggressive hits, 2 minutes for restarts and 2 minutes if you are hung up. After 2 minutes without a hit, you will be timed out.
11. No alcohol in the pits, if anyone is intoxicated or caught with alcohol, they will be disqualified, this includes their pit crew. No one in the pits may consume alcohol during any portion before or during the event.
12. Cars may be subject to re-inspection before any prize money is handed out.
13. Any controversies will be taken up at the drivers meeting. No fighting!!!
14. Any questions building the car, please give us a call! If it doesn't say you can do it, don't do it. Call 1st!!
15. Judges decisions are FINAL!!!

PREPARATION:

1. All airbags, glass, plastic, and carpet must be removed. Includes trim, mirrors, and head lights. Nothing may remain in the bottom of the doors or trunks. You may cut the front windshield and rear window out and must completely tape over the remaining edges to prevent glass from spreading. No exceptions, you will not be allowed to compete!
2. All rear and front plastic bumper covers must be completely removed. Includes fiberglass, header panel, ¼ panel extensions, grill, chrome moldings, antennas, windshield wipers, sun visors, and other dangerous loose objects.
3. No added weight to the car except the allowed weld and strap/rebar on seams. Any added metal will be highly scrutinized by the judges. No packing the frames, trunks, doors (except driver's door), or under floor. If car floor is rusted, you may weld in **sheet metal** no thicker than 16ga (1/16) for supporting seats, battery, fuel tank, etc.
4. Front seats must be securely mounted to the floor. Must have some form of an operable seat belt. All cars should have inner padding on driver's door.
5. All flammable materials inside the car must be removed except necessary safety padding and seat.
6. A pipe or bar behind the seat is strongly recommended. A 6" by 6" plate at the end of the pipe may be welded to the interior of the car behind the seat and the bar. You may connect the bar behind the seat with a bar on both the drivers and passenger side to make a 4 point box (X) style cage. No uprights may be attached from the cross pipe to the frame. A roll bar may be installed which can run inside the car and may extend the upright out the window and over the roof. A dash bar may also be installed.
7. No fully enclosed cages are allowed. i.e. no metal, bar, pipe, or steel is allowed to be placed inside or outside of the passenger side running the length of the car. Connecting of the seat bar and dash bar on the passenger side is prohibited.

FUEL PUMPS AND BATTERIES:

1. Maximum of 2 (two) 12-volt batteries may be used.
2. Electric Fuel Pumps are allowed. Must have cutoff switch near steering wheel and all fuel lines should have double clamps.
3. Batteries should be located on passenger side floor board and secured and cannot be left in stock position under hood. Batteries must be covered in some manner to protect the driver from breakage of battery.
4. Overall safety will be determined by officials at time of inspection.

TIRES:

1. No bead locks, Split rims, ATV tires or skid steer tires.
2. Minimum rim size: 13 inches. Donuts are allowed. Maximum rim size: 16 inches.
3. Wheel weights must be removed.
4. No studded tires.

BRAKES:

1. All cars must exhibit the ability to stop. If a car loses its braking ability it may be subject to disqualification.

ENGINES, AIR CLEANERS, TRANSMISSIONS, SUSPENSION, AND REAR ENDS:

1. Gas engines only, no diesels. 4 or 6 Cylinder Only. No V-8'S Permitted. Front Wheel Drive (FWD) must stay FWD. No Four-wheel drive (4x4) allowed. All Wheel Drive (AWD) permitted but must meet wheelbase restrictions.
2. No holes will be allowed in the front floor of the car except to accommodate the transmission shifter, fuel lines, transmission lines and wiring. Patching holes is for safety not reinforcement; if patching rust holes you may only weld sheet metal and not exceed 3" past where rust stops.
3. Motor mounts may be welded or chained; transmission and motors may be chained.
4. If carbureted, you must have an air cleaner over the carburetor at all times during the event.
5. There must be at least a 12 inch opening cut in hood in case of a fire.

DOORS, TRUNKS AND WINDOWS:

1. All doors, hood and trunk must either be welded, wired or chained shut. No larger than 1/8" thick by 1" wide strap metal for welding doors/hood/trunk shut.
2. Maximum of 12 inches of strap per door or trunk (4 door cars allowed 18 inches per side as the middle seam is shared between doors).
2. If you do not weld your doors you must chain or wire at least twice per seam. You may not bolt your doors shut. Chains or wire may not go thru or around the frame.
3. Drivers door may have window netting for driver's protection. No other window opening is allowed to have any form of window netting. Windshield should have bars welded in front of driver to prevent hood from hitting driver if it should come loose.
4. Hood should be held on either by using stock hinges and wire or 4 pieces of angle iron (2 per side), no more than 4 inches long, and 4 corresponding pieces on the fenders for them to bolt too (total of 8 pieces of angle iron). Hood must be held in at least 4 total locations.
5. Hood must be off or open during inspection.

BODY:

1. Front wheel drive car wheelbases will be 110" or less. Rear wheel drive cars will be 106" or less.
2. **Absolutely No full frame cars of any year or wheelbase. Unibody only!**
3. No Minivans, trucks, hearses, convertibles, or ambulances. No cars that are older than 1970.

4.No packing the frame, gussets or any type of hardware going through the frame (i.e. bolts or all-thread through the frame).

5. Pre-bending and tucking of trunk lids is allowed, however maximum bumper heights must not be exceeded.

BUMPERS:

1. All bumpers and suspension must be standard compact factory equipment. If the stock bumper is plastic, it may be swapped with a metal bumper off a similar compact front wheel drive car or mini-van. No full-size car bumper swaps or pointy bumpers.

2. Bumpers may be welded to frame horns, using only a 4x6 square plate not to exceed 3/16" thick per frame horn (2 total). No additional metal is allowed for attaching. No angle iron, pipe, square tubing, channel iron or gusseting is allowed.

3. Maximum bumper height is 20" from the ground to the bottom of the bumper. Pre-ran cars exceeding this height will be considered on a case by case basis. Eligibility will be determined by the judges.

RADIATORS & RADIATOR SUPPORTS:

1. Radiators must stay in the stock position; 1/8 x 1 straps may be used to hold in place.

2. Electric fans, clutch fans or no fans may be utilized.

3. No top or bottom radiator support made of angle iron, pipe, square tubing, or channel iron support is allowed to be added. Only stock supports or fabricated supports from sheet metal are allowed.

TRANSMISSION COOLERS:

1. Transmission coolers will be allowed and can be securely located inside of the car.

2. Rubber lines must be double clamped. Lines are recommended to be high temp/pressure type.

3. Transmission cooler must be enclosed.

4. Overall safety will be determined by officials at time of inspection.

GAS TANKS:

1. Stock fuel tank is allowed if it is in front of the rear wheels. Boat style fuel tank must be placed in rear seat area. If the stock tank is placed in the backseat area, it must be securely attached with ratchet straps and no more than 5 gallons should be in the tank. Electric fuel pump is allowed with an on/off switch within reach of driver and safety crew in case of fire.

2. A maximum size of 6 gallons can be used: A marine type tank, fuel cell or gas tank should be used. (a portable marine outboard tank is recommended)

3. Overall safety will be determined by officials at time of inspection.