

## 2025 Alaska State Fair Demolition Derby Rules (Small & Compact Cars)

If a car does not pass inspection or a driver is unwilling to change the car to pass inspection, the car **will NOT be allowed to run in the demolition derby**. All rules must be followed or you will not be allowed to run.

### **DRIVERS - Must be at least 18 years of age and have a valid driver's license or permit.**

- Any behavior that puts the derby community in a bad light will not be tolerated. We understand that derbying is emotional, but there are families and children in the grandstands. Being a good role model for the kids is vital - their support allows this to happen.
- Drivers are required to have a helmet and eye protection - **NO EXCEPTIONS**.
- Long pants, shirt and sturdy shoes are required.
- **Neck braces are optional, but encouraged.**
- All drivers and crew members must attend the drivers meeting.

### **GENERAL -**

- Any reasonable number **MUST** be painted on doors. **DRIVERS DOOR MUST BE RED. If the primary color of the car is red, the driver's door will be painted black.**
- **DO NOT hit the driver's door.** Sometimes this happens, but if it looks intentional or careless, you will be disqualified.
- **DO NOT use your driver's door as a shield**, this will cause you to be disqualified.
- Vehicles must have functioning brakes at the start of the heat and through tech.
- Functioning seat belts are required - lap belts are permitted.
- NO hot rodding in the pits - keep cars at idle.
- Any fire or rollover may cause a disqualification. Once fire is extinguished or the car is rolled back over, your car will be inspected and a decision will be made if you can keep running. A second fire or rollover is an automatic disqualifier.
- **Absolutely NO sandbagging or holding - this will get you disqualified.**
- **After 2 minutes without a hit, you will be disqualified.** You are given 2 minutes for aggressive hits, restarts, and if you are hung up.
- No alcohol is allowed in the pits. If anyone is intoxicated or caught with alcohol, this will result in a disqualification. This rule also applies to your pit crews.
- Cars are subject to reinspection before prize money is handed out.
- Any controversies will be addressed at the drivers meeting.
- Any questions while building the car? Please call us for clarification.
- **Judges' decisions are FINAL.**

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**VEHICLE PREPARATION -**

- MUST remove all interior carpet, headliner, rear seats, plastic trim - dash may stay in or come out.
- ALL GLASS must be removed
- All debris must be removed from the vehicle. You will not pass tech if all debris is not removed. Removing the nuts, bolts, glass, garbage, etc helps keep the track clean.
- Hitches and suspension airbags must be removed. **AIR SHOCKS ARE PROHIBITED.**
- All rear and front plastic bumper covers must be completely removed. This includes
  - Fiberglass
  - Header Panel
  - ¼ Panel Extensions
  - Grill
  - Chrome Molding
  - Antennas
  - Windshield Wipers
  - Sun Visors
- NO added weight to the car besides the weld and strap/rebar on seams. Any added metal that is not rebar (all thread, ½ x1 strapping, 3/16 plates) will be scrutinized by the judges.
- **NO PACKING THE FRAMES, TRUCKS, DOORS (except the drivers door) OR FLOORS.** If the car floor is rusted, you may weld in sheet metal no thicker than 16ga (1/16) for supporting seats, battery or the fuel tank.
- Front seats must be securely mounted to the floor - If you are using bolts to secure the seat, they may not go through the frame.
- **Driver's seat inner padding on the door is required.**
- All flammable materials inside the car (with the exception of safety padding and the drivers seat) **MUST BE REMOVED.**
- **A pipe or bar behind the seat is required.** A 6" x 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.
- A four point cage is allowed. Dash bar. Seat bars and door bars are allowed. **NO DOWN LEGS ALLOWED.**

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**FUEL PUMPS AND BATTERIES -**

- A maximum of two (2) 12-Volt batteries may be used.
- Electric fuel pumps are allowed. They **MUST HAVE A CUTOFF SWITCH** near the steering wheel and all fuel lines **MUST HAVE DOUBLE CLAMPS**.
- Batteries should be located on the passenger side floorboard and secured and **CANNOT BE LEFT IN STOCK POSITION UNDER THE HOOD**. Batteries must be covered in some manner to protect the driver.

**TIRES -**

- **NO SPLIT RIMS, NO BEAD LOCKS, ATV OR SKID STEER TIRES, NO FOAM FILLED TIRES.**
- Minimum rim size is 13 inches. Donuts are allowed. Maximum rim size is 16 inches
- Wheel weights **MUST** be removed.
- **NO STUDDED TIRES**

**BRAKES -**

- 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 -**

- Gas engines only. **NO DIESELS. 4 or 6 cylinders only. No V-8's permitted. Front wheel drive must stay FWD. No four wheel drive allowed. All wheel drive is permitted but must meet wheelbase requirements.**
- 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" pass where the rust stops.
- Motor mounts may be welded or chained. Transmissions and motors may be chained.
- You must have an air cleaner over the carburetor at all times.
- There must be at least a 12 inch opening in the hood in case of a fire.

**DOORS, TRUNKS AND WINDOWS -**

- The doors, windows and trunks may be welded solid. It is required that they are welded, wired or chained shut. No larger than 1/8" thick by 1" wide strap metal for welding doors/hood/trunk shut.
- Maximum of 12 inches of strap per door or trunk (4 door cars are allowed 18 inches per side as the middle seam is shared between doors).
- If you do not weld your doors, you must chain or wire at least per seam. **YOU MAY NOT BOLT YOUR DOORS SHUT**. Chains may not go through or around the frame.
- The Driver's door may have window netting for driver protection. No other window opening is allowed to have netting. The windshield **MUST HAVE BARS WELDED IN FRONT** to prevent hood from hitting the driver should it come loose.

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- Hood must be held on by using either stock hinges or 4 pieces of angle iron (2 per side), no more than 4 inches long and 4 corresponding pieces on the fenders for rhythm to bolt to (total of 8 pieces of angle iron). The hood must be held in at least 4 total locations.
- Hood must be off or open during inspection. Trunk and third row seating must have openings to allow judges to see and inspect.

**BODY -**

- Front wheel drive car wheelbases will be 107" inches or less. Rear wheel drive cars will be 106" or less.
- **ABSOLUTELY NO FULL FRAME CARS IF ANY YEAR OR WHEELBASE. UNIBODY ONLY.**
- **NO MINIVANS, TRUCKS, HEARSEs, CONVERTIBLES, OR AMBULANCES. NO CARS OLDER THAN 1970.**
- **NO PACKING THE FRAME, GUSSETS OR ANY TYPE OF HARDWARE THROUGH THE FRAME.**
- Pre-bending and tucking of the trunk lids is allowed, however maximum bumper heights may not be exceeded.

**BUMPERS -**

- 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 minivan. **NO FULL SIZE CAR BUMPER SWAPS OR POINTY BUMPERS.**
- You may weld the bumpers to frame horns, using only a 4x6 square plate not to exceed 3/16" thick per frame horn (2 total). **NO angle iron, pipe, square tubing, channel iron or gusseting is allowed to reinforce bumper or fabricate bumper brackets.**
- 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 AND RADIATOR SUPPORTS -**

- Radiators must stay in stock position - 1/8 x 1 straps may be used to hold it in place.
- Electric fans, clutch fans or no fans may be utilized.
- No top or bottom radiator support made of angle iron, pipe, square tubing, or channel support is allowed. Only stock support or fabricated supports from sheet metal are allowed.

**TRANSMISSION COOLERS -**

- Transmission coolers will be allowed and can be securely located in the car.
- Rubber lines must be double clamped. Lines are recommended to be high temp/pressure type.
- Transmission cooler must be enclosed.
- Overall safety will be determined by officials during inspection.

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**GAS TANKS -**

- Stock fuel tank is allowed if it is in front of the rear wheels. Boat style fuel tank MUST be placed in the 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. An electric fuel pump is allowed with an on/off switch within reach of the driver and safety crew in the event of a fire.
- 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)
- Overall safety will be determined during inspection.

That's it! If rules are pushed past this and unable to be corrected, you may run in the next class up. If it doesn't say you can do it, assume you can't or contact us for clarification. THANK YOU for building to the rules! We appreciate you coming out to have a great time and put on a great show!

For any questions, send us an email!  
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