

2025 Alaska State Fair Demolition Derby Rules (Full Size & Large 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 8x8 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 -

- Tires no bigger than the rim size of 16 inch (any ply) may be used. **NO SPLIT RIMS. NO FOAM FILLED TIRES**. Valve stem protectors are allowed. **NO HOMEMADE WHEELS**, however wheels may be cut for larger hub size.
- Wheel weights **MUST** be removed.
- **NO STUDDER 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**.
- Any powertrain combination may be used. You may cut a hole in the firewall to accommodate the engine within reason. Distributor protectors are allowed if it is located in the front of the engine. **MAX THICKNESS IS 3/16**.
- 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.
- Springs must be of passenger car origin. No adding leaf springs or using truck leaf springs or truck 6 or 8 bolt axles.
- Torsion bars can be turned up, shims taken out of A arms or adjusted.
- Rear ends may be chained to the frame.
- A-arms can be welded to eliminate suspension travel. You may use flat sock (3" wide max and 3/16" thick max), rebar or all thread.

DOORS, TRUNKS AND WINDOWS -

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- The doors, windows and trunks may be welded solid. Seams may be welded with a maximum of 1" wide $\frac{1}{8}$ " strap or $\frac{3}{8}$ " rebar. If your trunk lid or fender seams are within 1 inch of either bumpers, strap can be welded to join the two. Strap or rebar can be ran down the trunk seam and welded to the bumper.
- 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. You may put one piece of double #9 wire per bottom of door 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.
- Hood must be off or open during inspection. Trunk and third row seating must have openings to allow judges to see and inspect.

BODY -

- Large cars can be any sedan, coupe, station wagon or hearse. **NO 4X4's. El Caminos, Rancheros, or Imperials.** If you do have a 4 wheel drive vehicle, either the front or rear drive must be disabled.
- All bodies must be mounted on stock frames.
- The fender wells may be cut and rewelded to obtain clearance. When rewelding, a piece of 1" strap or rebar may be used to attach the cut metal together.
- Body bolts may be replaced and body bushings removed. Support bolts may have larger bolts installed.
- Up to 1" all thread is allowed through the frame and hood and trunk.

BUMPERS -

- Bumpers are interchangeable. Any automotive **(NOT TRUCK)** bumper and bumper brackets may be used on any car. No angle iron, pipes, square tubing, channel iron or gusseting is allowed. Aluminum bumpers must be chained or #9 wired to the frame.
- You may weld the bumper seams, shocks and the brackets to the frame. If you choose not to use brackets, you may weld bumpers directly to the frame using only a 6"x6" square plate not to exceed 3/16" thick. **NO angle iron, pipe, square tubing, channel iron or gusseting is allowed to reinforce bumper or fabricate bumper brackets.**
- Bumpers may be cut so they do not smash into the tires during the event. Bumpers may be flipped and also welded to the body where they are within 1 inch of the body.
- Compression bumper shocks may be drained, slid back into the shock and welded fully.
- Maximum bumper height IS 20" from the ground to the bottom of the bumper. Pre-ran cafes exceeding this height will be considered on a case by case basis. Eligibility will be determined by the judges.

FRAME -

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- Factory seams on the frame can be re welded to the front A arms, rear to center of hump near tires only. Sub frames can be welded together and only use ¾-½ rebar or ½ x 1 strapping flat stock filler metal.
- You may cut or notch frames but may not weld the cut.
- Pre-bending and tucking of trunk lids is allowed, however maximum bumper heights should not be exceeded.
- You may replace stock body bolts and washers. Bolts may not extend below frame more than 2 inches.

RADIATORS AND RADIATOR SUPPORTS -

- Radiators must stay in stock position - ½ x 1 straps may be used to hold it in place.
- Electric fans, clutch fans or no fans may be utilized.

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.

GAS TANKS -

- Original gas tanks must be removed from the car or at least have a 6 inch hole cut in the bottom of the tank and tank MUST be emptied prior to arrival.
- **YOU MUST HAVE YOUR GAS TANK SECURELY MOUNTED INSIDE THE CAR AND COVERED.**
- A maximum size of 6.5 gallons can be used - a marine type tank, fuel cell or gas tank should be used (a portable marine outboard tank is recommended).
- Factory fuel tanks may be used inside to incorporate the use of the stuck electric fuel pump. **SECURE THE FUEL TANK INSIDE THE CAR AND FILL WITH APPROXIMATELY 6 GALLONS - DO NOT FILL.**
- Gas tank protectors will be allowed for safety. **DO NOT TRY TO STRENGTHEN THE CAR** with them, It cannot exceed 24" wide. It cannot attach to anything other than your seat bar. It must be a minimum of 3" from all sheet metal.

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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