

Eastbound Demolition Derby 2023 Rules

Limited Weld-Modified Class

Car Prep

- All interior plastics, carpet, headliner must be removed-no flammable materials can remain.
- All glass must be removed besides windshield-no smashing glass in the pit/paddock area.
- Front windshield can remain, if removed, mesh must be its replacement with at least one safety bar from roof to firewall.
- Any gas shocks on hood or trunk must be removed
- Air bags must be removed, not just unhooked.
- No hub caps, mirrors, hitches, headlights, tail lights, or plastic bumper covers allowed
- No convertibles, or limos allowed
- No junk in the trunk

Fuel system

- Tanks can be a fuel cell or outboard tank, metal or plastic.
- Tanks are to be strapped or bolted in the backseat area, in the center of the car in a way that does not add strength to the car.
- Any movement in the tank will not pass inspection.
- Remove all floor plugs, to allow leakage to drain from driver compartment.
- Stock tank must be removed from the car.
- Fuel lines must enter the car through the fire wall.
- Fuel lines must be approved high pressure line.
- All connections in fuel line must be double clamps with suitable pressure clamps of correct size.
- Fuel injected cars must run steel tubing from the engine, through fire wall at least 12 inches into the cab and then can be joined by approved high pressure fuel line.
- All joins in fuel lines must be wrapped with rubber or rad hose or suitable material.
- Carbureted cars can run approved high pressure fuel line from the carb to the tank with no joins.
- Electric in line pumps can be used but must have a kill switch that is clearly marked and accessible.

Battery(s)

- Battery(s) must be relocated to passenger floor or passenger seat.
- Battery must be covered by a rubber mat or in a marine/RV style box.
- Battery must be bolted or strapped with no movement.
- Maximum 2 - 12 Volt batteries
- Battery cables must be clearly marked/ positive cable must be red or painted red.

Electrical Switches

- Up=ON
- Down=OFF
- Keep wiring tidy as possible

Cooling System

- Rads are to stay in stock location (1 Rad)
- Prohibited to run an extra rad
- Water only/No antifreeze
- Please dispose of antifreeze in a safe manner at your nearest licensed garage or collection facility
- Rad support can be raised maximum of 4 inches.

Transmission

- Any transmission may be used
- Transmission coolers can be used, they can be mounted in the cab in a way that does not strengthen car. They must be safely mounted.
- Transmission cooler must have high pressure lines or hydraulic lines with proper fittings
- You may use any type of shifters
- Slider drive shafts are permitted
- Transmission braces are permitted

Engines

- Any engine can be used, but must be mounted within 4 inches of the original engine/Measured center of original mount to center of mount.Front to back.
- You may chain engine to Chassis
- Mounting of engine may not strengthen the car in any way.
- Mounts can be welded right to the frame
- You may cut or hammer firewall for distributor clearance
- Aftermarket gas and brake pedal are permitted.
- Engines must have an air cleaner/filter assembly.

Rear Ends

- You may use any rear ends from any full size car.
- Rear end must be a 5 bolt rear end.

Hoods

- Hood is mandatory.
- Hood must have 1 big hole 12X24 or 2 small holes 6X12 for fire safety
- Hood must be fastened in a minimum of 4 spots and a maximum of 8 spots and only two can go through rad support.
- No welding hood to the car.

Options

- Angle iron can be welded on the fender and hood and then connected with a bolt (3" max length).
- Chain
- Ready Road/Bolted
- Straps or seatbelts
- Maximum of 20 bolts around the holes cut in the hood.

Trunk

- Trunk Lid is mandatory
- Tucked trunk lids are allowed.
- Trunk lid is to be connected with a minimum of 4 and a maximum of 8 spots.
- Trunk lids can be welded.

Body

- Wheel well may be trimmed and bolted maximum of 5 bolts per fender.
- Drivers door must be painted white (No hit zone).
- White cars are permitted but must have opposite colored drivers door.
- All body mounts must stay in place (besides the 2 in the rad support).
- Drivers side and passenger side door bars are allowed maximum length of 72" long and can be any size channel from 4" to 8".
- Halos are permitted.
- Door bars must be cut on a 45 degree angle on each end. Minimum of 1/2- 3/4 bolts at least 3-4 bolts per bar.
- All doors are to be chained, bolted or welded.

- Dash and seat bars are permitted. They can be bolted to your door bars or welded in place. Any driver safety permitted.

Frames

- You may notch or dimple frame.
- Fixing frames 4 plates permitted (4 X 6 3/16 thickness).
- Pre-ran cars are permitted 4 Plates (4 X 6 3/16 thickness).
- Extra plates or repairs permitted within the wheelbase/drivers cockpit.

Bumpers

- Bumper swaps are permitted. Any full size car bumper can be used.
- Bumpers can be inverted.
- Bumpers can be trimmed.
- Bumpers can be welded to the bumper bracket, then the bracket welded to the frame.
- Bumpers can also be welded directly to the frame.
- Bumper shocks can be collapsed and welded.
- Maximum bumper height is 22" (from the bottom of the bumper to the ground).

Tires

- Tubed tires are permitted
- Double Tires are permitted
- Skidster tires are permitted.
- Valve stem protectors are permitted.
- Flappers are permitted.
- Wheel centers are permitted.
- No studded tires.
- No aluminum rims.
- Brakes must be in good working order on at least 2 wheels.

Extras

- Fire extinguisher recommended for inside car.
- Fire retardant suit or coveralls mandatory for MOD CLASS.
- All drivers must have helmets and goggles recommended.

Tools

- Power Tools permitted
- Welding equipment permitted
- Torches permitted.
- Mandatory 5BC extinguisher on site at all times
- Pit Marshall has authority to address improper use of above.

Pit Regulations

- Zero tolerance for use of drugs or alcohol before, or while the derby is in progress.
- Pit marshal has full authority to DQ or dismiss any persons partaking in such above activities