

## Eastbound Demolition Derby 2023 Rules

### Compact Division

#### Car Prep

- All interior plastics, carpet, headliner must be removed.(anything flammable).
- All glass(except windshield) must be removed prior to entering the pit(no glass smashing in pit/paddock area).
- If windshield is removed, protective mesh must be used with at least 1 safety bar in middle-roof to firewall.
- Gas shocks on hood or trunk lids must be removed.
- All air bags must be removed(not just disconnected)
- No hub caps, mirrors, hitches, allowed.
- No convertibles or limos allowed.
- No junk in the trunk or doors.

#### Fuel system

- Tanks can be a fuel cell or an outboard motor tank(metal or plastic) 5 or 10 gallon with 5 gallon fuel max in the cell.
- 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 tank will NOT pass inspection..
- Remove all floor plugs, to allow leakage externally-away from driver compartment.
- Fuel lines must enter the car through firewall
- Fuel lines must be approved high pressure line
- All connections in fuel system must be double clamped with proper fitting clamps.
- Keep fuel lines protected from damage, wrap when possible with rad hose or similar.
- Fuel injected cars must run steel tubing from engine, through firewall at least 12 inches into the cab and then be joined by approved high pressure fuel grade hose.
- -Electric in line pumps can be used but must have a clearly marked kill switch that is easy accessible.

#### Battery/s

- Battery/s must be relocated to passenger floor or passenger side seat-battery must be covered by a rubber mat or be in a marine style box, must be strapped or bolted with no movement.

- Maximum of 2-12 volt batteries.
- Must have clearly marked terminals, positive painted red..

### **Electrical**

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

### **Cooling System**

- Rads are to stay in stock location-in front of the engine
- 1 Rad only per car
- Water only ! No antifreeze- please dispose of antifreeze in a safe manner, return to any licensed auto garage for recycling.
- Rad support can be raised/modified 4 inches

### **Hood**

- Hood is mandatory
- Hood must have 1 big hole 12 x 24 or 2 small holes 6 x 12 for fire safety
- Hood must be fastened in a minimum of 2 spots and max of 4 spots and only 2 can go through rad support.
- Maximum of 12 bolts around hole in hood
- No welding hood to car.

### **Options**

- Angle iron can be welded on fender and hood and then connected with a bolt (3 inch max)
- Chain
- Ready rod/bolted
- Straps or seatbelts

### **Trunk**

- Trunk lid is mandatory.
- Tucked lids are allowed
- Trunk lid is to be connected with min of 2 and max of 4 spots
- Welded trunk lids are permitted

## Body

- Wheel wells may be trimmed and bolted-max 5 bolts per fender.
- Drivers door must be painted white (NO HIT ZONE)
- White cars are permitted, however, drivers door must be opposite color.
- All body mounts must stay in place besides 2 in rad support.
- Drivers side and pass door bars are allowed, max length 60inches long and can be any size c channel/ tapered on ends-45 deg.
- Halos are permitted
- All doors to be welded, chained or bolted.
- Seat bars are permitted, bolted or welded.
- Body may be creased.
- Ready rod can be used in rad support. Max 1 inch dia.

## Frames

- No seam welding
- No tilting of frames
- No notching or dimpling frames

## Bumpers

- Any compact car bumper can be used. No full size bumpers
- Bumpers can be inverted
- Bumpers can be trimmed
- Bumpers can be welded to the bumper bracket, then the bracket to the frame
- Bumpers can also be welded direct to frame
- Bumper shocks can be collapsed and welded.
- Max bumper height-18"(from bottom of bumper to ground)- you can secure bumpers with chains, but if it goes through the hood or trunk it is considered one of your hood/trunk connections.

## Tires

- Tubes are allowed
- Double tires allowed
- Street tires only/dummies are allowed
- Valve stem protectors allowed
- Flappers allowed

- Wheel centers allowed
- No bead locks
- No studded tires
- Brakes must be in good order, at least 2 wheels holding.

### **Extras**

- Shifters, pedals, and trans coolers are allowed
- Fire extinguishers recommended for inside of car

### **Tools**

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- Power tool allowed
- Welding equip allowed
- Torches allowed
- Mandatory 5 BC fire extinguisher must be on site while using above tools.
- Pit marshal 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

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