



# **Destruction Derby Rules 2024**

---

This derby is open to any American made hardtop model stock car or station wagon made from **1980-present**. No commercial vehicles, convertibles, coupe utility, pickups, SUVs, four-wheel drive or foreign car. Previously run cars are allowed, if they meet the rules.

Remove all glass, plastic, chrome, exterior mirrors, lights, grills, gas tanks, trailer hitches, rear seats, and flammable material. All preparations must be done prior to coming to event.

We are an environmentally responsible event. We require that no antifreeze be used in your radiator, only water. Automatic transmission lines must be looped or run to a cooler inside your car. Stock gas tanks must be removed. These rules state required position and size. All drivers are responsible for cleaning their pit area before leaving.

---

## **Bumpers and Brackets**

- 1. You can use any 5 mph bumper or homemade bumper on any car.**
- Bumper seams may be fully welded. loaded and plated bumpers are allowed.
- Bumpers may be trimmed and/or flipped.
- 4. Homemade bumpers may be made from 4" W x 6" H x 1/4 inch mild steel square tubing, must be hollow all the way through. You must (mandatory) cap the end of the tubing on each side with 1/4 inch metal, must have a 1-inch hole for inspection. Bumper cannot go past the width of the fenders and must be square with no sharp points on the ends. You may NOT put a point on a homemade bumper. Homemade bumpers cannot extend past the center (middle) of each front tire on either side.**
- Bumpers may be installed using 6"L x 6"W x 3/8 inch thick flat mounting plates, must be welded to the bumper sideways then welded to the bracket. Plates may be welded to the brackets.
- Brackets may be 10"L x 4"W x 1/2 inch thick flat plate or 10"L x 2" x 4" x 1/4 inch thick square tubing/channel or 10"L x 4" x 2" x 1/4 inch thick angle iron.
- 7. Front bumpers may have two 16" L x 2" W x 3/16 inches thick flat strap. Straps must be vertical position and welded 4 inches to the bumper and 4 inches to the core support to help hold the bumper on front bumper only.**
- No angle/corner gussets on bumper brackets to the bumper.
- Any stock automotive brackets are allowed; bumper shocks may be collapsed and welded, no filler rod.
- 10. Maximum length of stock or homemade bracket must be 10 inches long front and rear.**
- No mix matching automotive brackets. No modifications to automotive brackets, if you cut it off, leave it off. Do not use automotive stock and homemade brackets together.
- 12. Bumpers may be no higher than 20 inches and no lower than 14" from the bottom of the bumper. Used car bumper height; will be at the official's discretion.**

## Radiators, AC Condensers and Core Supports

1. **All core supports must remain in factory location no relocating core supports.**
  2. A fabricated spacer is allowed between the front body mount and core support. This spacer may be built from material no larger than 3" x 3" Box tube ¼" thick. This spacer can be welded to the frame **ONLY**. A replacement body bolt no larger than ½" is allowed in this location only. Spacer max size 3" x 3" x 6".
  3. Radiators must be stock automotive radiators. Radiators must be brass, copper, or aluminum.
  4. No homemade steel radiators or steamtanks.
  5. **Radiator must be in stock position. Radiators may not be welded in.**
  6. Ratchet straps, bailing wire or bolts may be used to secure radiator. **No radiator protectors.**
  7. You may only use one AC condenser in front of the radiator. 4 - 3/8" bolts may be used to bolt condenser in.
- 

## Engine, Cradle and Transmission

1. Engine swaps are allowed. Engine set backs are allowed.
2. Aftermarket engine cradles are allowed. **No full-size engine cradles.** You may only use the front motor plate that connects to the heads and lower cradle with the pulley protector. **No mid plates are allowed. No part of the lower cradle can go past the middle of the oil pan. Pulley protector cannot be more than 2" past crank pulley, pulley protector can't go above crank bolt.**
3. You may cut a hole, 12"L x 12"W in the fire wall for the distributor. Hole must be properly covered.
4. **No distributor guards are allowed. No Header protectors are allowed. No Carburetor protectors are allowed.**
5. Engine mounts must be welded to center cross member, not to the frame rails. Motor mounts may be welded to the crossmember with **a maximum of 8" of weld per side. No rear motor mounts or head straps.** Motor mounts are not allowed to tie to the exhaust or steel bell in any way.
  - 2003 and newer Crown Vics with aluminum crossmember- Must bolt to crossmember with one piece of ¼" x 6" flat bar that may be welded to frame 6" of weld only. Plate must only contact frame between the two bolts that hold the aluminum cradle to the frame.
6. Electric fuel pumps are allowed, must a shut off/kill switch for fuel pump.
7. Transmission coolers are allowed.
8. Homemade Transmission cross members are allowed maximum 2" x 2" x ¼ inch thick square tubing. No bolting the cross member or the transmission to the body or welding the body on a full frame car.
9. Standard transmissions are allowed.
10. No transmission skid plates are allowed. No reinforcing of transmission.
11. No transmission braces are allowed.
12. **You may use a steel or aluminum ultra-bell. Ultra-bell may only be bolted to engine and transmission. Steel bells cannot be connected to transmission pan or tail shaft.**
13. Slider drive lines are allowed.

14. **Aftermarket gas or brake pedals and cable shifters are allowed. May only be bolt to the floor. Cable shifter may be bolt to the floor or transmission.**
- 

### Suspension

1. Suspension swaps are allowed. All suspension must be stock to the year make and model of the car it is on.
  2. Tie rod stiffeners are allowed on OEM tie rods. Material no bigger than 1" x 1" angle iron OR ½" round bar may be used to stiffen tie rods.
  3. **A pipe or "bump stop" is allowed from the front frame rail to the lower A-arm in the front to achieve bumper Hight. This pipe may ONLY be welded to the lower A-arm. Spring spacers may also be used to achieve bumper Hight.**
  4. You may also have 2 bump stops in the rear, no bigger than 2" x 2" x ¼ inches square tubing, welded to the rear end only and must be vertical, no metal connecting the bump stops together. Solid shocks may also be used if preferred. You may have EITHER the bump stops OR solid shocks.
  5. Bump stops must be positioned under the frame and not to the side of frame. Must be on top of rear axle.
  6. All suspension components must be in stock location and configuration.
  7. Suspension swaps ok. Upper control arm and spindle must bolt on, no aftermarket parts. Must be from a car legal in this class.
- 

### Hood

1. You can use 6 chains, no more than ½ inch thick to secure the hood. 6 washers no larger than 3" x 5/16" thick may be welded to the hood to keep chains from ripping through. Chains cannot be longer than 3 feet.
  2. A hole is required in hood above the carburetor in case of a fire.
  3. **No welding the inner to the outer of hood.**
  4. **Hood must open for inspection.**
  5. **No putting bigger hoods on cars, all cars must run original stock hood to car.**
- 

### Safety Bars

1. 2 Side bars may be no bigger than 12" x 2" x C channel and must be no longer than 60". They must be 3 inches from the fire wall and have a 5 inch gap from the floor. **Side bars are mandatory.**
2. 2 Cross bars may be no bigger than 6" x 4" square or circle tubing.
3. Front cross bar must be 10 inches from the firewall and cannot connect to firewall. **Front cross bar is mandatory.**

4. Rear cross bar must be behind the driver's seat, within 6 inches of the seat. **Rear cross bar is mandatory.**
  5. **No down bars are allowed.**
  6. **Front Kickers are allowed one connecting to each frame rail. They must connect to safety cage and may be welded to frame rails anywhere between the fire wall and BEHIND the front A-arms. They may be no larger than 2"x 2" x 1/4" Square tubing. No Gussets or added plate is allowed.**
  7. Halo bars are allowed and must be within 6 inches of the driver's seat location. Halo bars must be in vertical position (90°). Halo bar may be welded to cross bar only, not to the floor. 5-inch maximum material may be used as a bar.
  8. **No welding cage to frame and floor of cars.**
  9. 2 front window bars are mandatory. 2 bars may be used in rear windows. Window bars may not be welded to the trunk or hood. Bars must be positioned in window seam area. 2-inch maximum material may be used as a bar. Window bars cannot be welded to floor.
  10. Driver's seat may be welded to the floor and cannot be welded or bolted to the frame. No plate is allowed under driver's seat.
- 

#### **Batteries**

1. 2 automotive type batteries are allowed. Batteries are only allowed on front passenger floor. Batteries must be properly covered.
  2. Batteries must be securely bolted to the floor in a battery tray. No milk crates may be used.
  3. No welding battery tray to door bars. No bolting batteries trays to cross member or frame.
  4. **No battery trays can cover any body bolts.**
  5. Batteries must be properly covered.
  6. Battery trays cannot be welded to the firewall.
- 

#### **Gas Tank**

1. **Gas tank may be no bigger than 7 gallons.**
2. **Gas Tank Protectors are allowed- Must be no more than 24" wide and constructed from 4" x 4" material only. Protector must be 4" away from speaker deck. No gussets to halo bar.**
3. Gas tank may be bolted or chained securely to the floor, but not to the frame.
4. Gas tank must be place behind the driver's seat.
5. **Gas tank must be bolted in securely before inspection or you will not run. ←SAFETY**
6. Gas tank must have a secure cap. All gas lines and fittings must be leak proof.
7. If running protector gas tank must be only attached to protector, not floor and cage.

## Doors

1. **Doors must be chained OR welded shut. You are not allowed to use both.**
    - **Chains may go around cage or frame not both.**
    - **If chained a maximum of 2 ½ inch thick chains per door may be used.** Only one wrap is allowed per chain. 3 foot max length.
    - **If welded a maximum of 6" of weld per door seam may be used.** Weld may be broken up. 6" of filler material up to ½" filler rod or 2" x 1/8" strap may be used.
  2. Drivers door may be welded solid. ←SAFETY
- 

## Trunk lids or Deck lids and Tailgates

1. **Trunk lids and tailgates must be chained shut with up to 4 ½ inch chains.**
  2. **Max length for chains is 3 feet. Chains for trunk cannot be attached to window bars or frame.**
  3. **No removing speaker deck.**
- 

## Rear End

1. Rear end swaps are ok, stock appearing housings, no bracing or axle protectors. 5 lug rear ends only.
  2. Pinion brakes are allowed. Locked rear ends are allowed.
  3. Shorting or lengthening trailing arms are allowed, for pinion angle. **Trailing arms may not be strengthened in any way.**
  4. Chaining rear end to frame is allowed, no welding chain to frame. No welding links together. Chain is only allowed one time around with bolts, not around body, unless the car is a uni-body, no longer than four feet and half inch thick chain. 1 chain per side, cannot attach side to side.
- 

## Tires and Wheels

1. No tire rule. Any ply and mud grips are allowed. Wheel size may be no bigger than 15 inches.
2. 5/8" lug studs allowed.
3. Lug nut size may be no bigger than 1 inch.
4. Wheels must be factory car wheels.
5. Wheels may not be reinforced.
6. You cannot have homemade centers on rims. Universal centers are allowed, must not go passed a half inch pass bolt holes, may be welded in with no filler rod or added metal.

## **Body and Frame**

1. Body to frame hardware and bushing must be stock. No changing body bolts.
  2. You may not remove rubber pucks between the body and the frame.
  3. No pinning the frame or running bolts through existing holes.
  4. Hump plates 4" x 12"x 1/4" centered on the frame hump above the rear axle 1 per side **OR** 2-Pieces 1 per side 4" x 6" x 1/4" frame repair from the center of the front control arms forward is allowed. A 1" gap between frame repair and bumper brackets must be maintained. Either the hump plates **OR** the frame repair is allowed **NOT** both, you have to choose which option better suits your build. This is allowed on both new and used cars.
  5. Frame repair or hump plates cannot be stretched.
  6. Frame notching is allowed. **No welding the body to the frame.** Hammering of the body is allowed.
  7. Cutting of fender and wheel wells for clearance is allowed.
  8. **NO cutting tilting of frame rails is allowed on any car!**
  9. **Frame cannot be painted or any undercoating painting underneath vehicle.**
- 

## **Rust Repair**

1. Floors in car may be repaired with metal the same thickness as it is originally, overlapping of repair may only be up to 1 inch past the rust spot.
  2. If you have any other rust repair issues then mentioned above, please contact officials.
- 

## **Safety**

1. Minimum of 1 lap belt is required.
  2. Long sleeve shirts and pants are required. No short sleeve shirts or shorts are allowed.
  3. You must have a fire extinguisher on hand in pits.
  4. No alcohol, firearms, or drugs are allowed in the pits. Zero tolerance will be used.
- 

## **Car Numbers**

1. **Driver and passenger sides of car must have car number visible, minimum of 16 inch tall.**
2. Roof signs are allowed, but not required.
3. Roof signs may only attach to the roof.
4. 1 sign per car.

## Disqualifications

1. Teaming will result in disqualification for all parties.
  2. Sandbaggers will be warned first time with flag; second time will result in disqualification.
  3. Driver door hits are not allowed, first time will be a flag warning, and second time will result in disqualification.
  4. We have a 2-fire rule. Will be discussed at driver's meeting.
  5. If cars do not pass re-inspection after main event, it will result in disqualification and suspended for a year.
  6. Un-sportsmen like conduct may result in disqualification.
  7. Being timed out for more than 2 minutes, you will be required to shut off.
  8. If cars do not pass re-inspection after main event, it will result in disqualification and suspended for a year.
- 

## Inspection/Tech

- 1. You will have 1 chance to pass through tech. Tech opens at 9:00am. Cars must be in tech by 5:00pm.**
  2. Driver and 1 pit member are allowed to be in the inspection area.
  3. Your paint must be dry before your car goes through inspection.
  4. If you are in the money be prepared to have your car pulled out of the arena and be ready for post derby inspection. Please have your torch ready and available.
- 

## Disclaimer

- 1. If it is not stated in these rules, it is not allowed.**
2. Please call **Eric White 406-490-1463 / Donny Case at 530-356-2907**, if you are unsure about rules.
3. Please do not assume any rules; it may result in disqualification of your car to run.