

Eligible Vehicles

Full Size Car

- a) Any year 2WD hard top automobile with a wheelbase of **113" or greater with a V8 or 6 Cyl (Official Discretion)**
- b) No checkered cabs, hearses, limousines, jeeps, vans, trucks, T-Tops
- c) If you are unsure if your vehicle qualifies for this class, please reach out.

INTERIOR & EXTERIOR OF VEHICLE

All carpet, headliner, door panels and ALL other flammable material **MUST** be removed from inside of the car. The front seat and dashboard may be left in place. All glass, mirrors & mouldings must be removed. All air bags must be removed. Front and rear bumper covers **MUST** be removed. **MANDATORY** minimum of 2.5lbs fire extinguisher with working gauge **MUST** be securely mounted and within reach of the driver.

DOORS

All doors must be wired, chained, strapped, bolted or welded. If welded you may use 4" x 4" x 1/4" plates 16 per side of the vehicle. Drivers' door may be welded solid. Drivers' door must be reinforced; you may use a max 72" x 1/4" plate, must be mounted using 3/4" bolts through outer and inner door shell and if possible, through the A and B post for best results. You may also use an interior bar that is part of your cage. Please find cage specifications below. The passenger side door plate is optional. Max 12" x 72" for passenger side

TRUNK/TAILGATE

Any modifying or manipulating of the trunk/rear quarters is allowed, except **CAN NOT** be a ramp. Nothing in front of the C pillars. Trunk/tailgate may be fastened shut in a max of 8 places using wire, chain, strapping, bolts or welded using 4" x 4" x 1/4" plates. If the trunk is fastened shut before tech a 10" inspection hole is required. 2 x 3/4" threaded rod in trunk/tailgate is allowed but **MUST** be in the trunk lid **NOT** the speaker deck area. If speaker deck is altered, you **MUST** run a rear window bar. See window bar rule below for limits. Unlimited #9 wire on a USED car no wire allowed in the drivers , passenger or front windshield area these three windows are to remain clear for escape or rescue in case of emergency.

HOOD

Hood must be in stock location no moving forward, backwards or rolling hood over face of rad support

Hood may be removed. without hood – use electric fan only – fans directly connected to motor must be under sheet metal of hood. A 12" opening must be cut in the center of the hood. Hoods to be fastened in **MAX 8** places using chain, strap, wire, bolts(max 3/4) or belts. You may also use 2" x 2" x 2" long angle welded to the fender & hood with one 3/8" bolt and

nut per mount. You may run 9 wire from hood to front bumper but these wires will count as part of your 8 allowed hood closers. $\frac{3}{8}$ bolts allowed only around opening in the hood

SHEET METAL

Metal may be cut from around wheels for clearance. Max 6(six) $\frac{3}{8}$ bolts allowed in rear wheelwells

BODY MOUNTS

Can be removed. You may run a new bolt through the floor, into the cab between Front box(Where frame curves at firewall) to top middle of rear humps. Max $\frac{3}{4}$ " rod/bolts, 3 inch washer. Must use the original location of the body mount. NO additional mounts allowed.

WINDSHIELD/REAR WINDOW AREA

Front windshield MUST have at least one single steel bar, or chain bolted to the cowl and front of the roof. This bar cannot connect to the rollover bar. An "A" and "H" bar allowed. Rear window bar allowed. From roof to floor of rear hump. This bar can not be attached to halo or gas tank protector. Minimum 12 inches from GTP

INTERIOR MODIFICATIONS

No welding of any inside body support seams or firewall seams. Large holes in car floors must be repaired with the same gauge metal and securely fastened. No reinforcement. Broken seats may result in disqualification.

CAGE/ROLL BAR

3"x3" Max tubing

Single roll bar up each door frame, inside or across outside of the roof. The roll bar going across the roof must be bolted twice through the roof for driver safety. This roll bar may be welded or bolted down to the seat bar or to the floor or frame(Does not count as a body mount). A single seat bar MAX 4" x 4" can be bolted or welded behind the front seat from side to side to protect the driver. Seat bar must be attached to the up rights of the Halo bar. Bar over the roof cannot be attached to any other bar on the car except the upright bars. A dash bar is allowed. No down bars from the dash bar area. Two side bars can connect the dash bar and rear seat bar creating a square around the driver for safety. Side bars not to extend past the back of the driver's seat more then 6". Rollover bars are to be on a 90-degree corner at top NO extra tubing or flair outs allowed from side bars. A center bar from PTP to Dashbar is allowed to hold shifter and ignition components. Cage can not be cut into A and B Pilars, driver side allowed.

BRAKES

Vehicles MUST have dependable brakes and must be working properly before entering the RING and at all times. All boundaries MUST be observed. Pinion Brakes Allowed

BATTERY

The battery must be moved to the front passenger floorboard/seat and securely fastened in a box/container clear of all fuel sources. One (1) single car battery. 1 spare battery allowed. This spare battery CAN not be attached to the other battery at any point or you will be DQ'd Following inspection, it MUST be covered with a non-flammable shield such as air bag or rubber mat. No heavy truck / equipment batteries.

GAS TANK

Stock gas tanks must be removed. Steel marine tank, custom fuel cell or certified racing fuel cell ONLY. All tanks must be securely fastened (bolted) down in the middle of the back seat area. Gas tank may be mounted to the post-to-post bar. Gas tank protectors are allowed MAX size is 30" outside dimensions this is to protect the tank only not to reinforce the car. Protector cannot touch the floor or roof of the car. Can have 2 total straight gusset tube from halo to the GTP. These tubes will not be included in the 30" max dimension. Tank must be covered with a non-flammable cover after inspection (air bag, floor mat). No movement can occur during inspection. Any leaks will result in disqualification. NO UNSAFE FUEL TANKS. NO "JERRY CANS". OFFICIALS DECISION IS FINAL.

FUEL LINES

All fuel lines MUST have leak proof fitting with steel or rubber lines (no clear lines). No exceptions. Lines should run inside the car. Leaks will result in disqualification. All connections MUST have hose clamps to eliminate leaks. If your fuel system is not safe you will not run.

BUMPERS

Front bumper can be replaced with a stock OEM car bumper of any year this bumper may be seem welded and loaded.

Rear bumpers MUST be the stock bumper for vehicle or a piece of tube 2" x 6" or 4" x 4" MAX

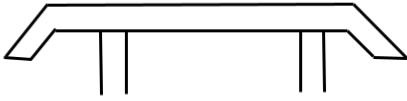
Replica bumpers are allowed as long as they follow the same specifications as a stock car bumper.

Find specifications below.

Chrysler pointy 13" from point to back of bumper mounting area. Point MUST be rounded
74 chev 9" from point to back of bumper mounting area. Point MUST be rounded

If you choose to build a homemade tube bumper, the ends must be on a 45-degree ends or rounded and capped or wrapped with a bumper skin, so they do not act as metal shears.

All tube bumpers must be no wider than the center of the tires on the vehicle. 6x6 Max **See photo below**



Tube Bumper with 45 degree ends

BUMPER MOUNTING

Front Bumper mounting, anything in the first 6 inches.

Rear bumper must be a minimum of 16" off the ground from the bottom of the bumper. This rule applies to fresh built cars. 4 inch gussets allowed on the front bumper only. Front and rear bumper **MUST** be wired to hood/rad support or trunk in 2 spots each. The rear bumper can be welded to the original bumper brackets or hardnosed to frame and have two pieces of flat bar MAX 2" x 6" x 1/4" per side to assist in holding the bumper on.

DRIVELINE

ENGINES/TRANSMISSIONS may be swapped. After market mounts are allowed as long as they have a rubber bushing. No reinforced motor mounts. Chaining or welding motors down is allowed. One 5/16" chain per side from engine straight down to frame.

NO engine protection with the exception of a lower front engine cradle only.

Pulley Protector Allowed, Distributor Protector Allowed (Must be 4 inches from firewall on a fresh car)

Bell housing and transmission protectors not allowed.

2" x 2" tube transmission crossmembers are allowed as long as they are mounted within 6" of the original mounting area on the frame.

2003 and newer Ford, Lincoln, Mercury. May use a basic bolt in frame cradle for engine mounting purposes. There is to be NO back bracing to any part of the frame or front suspension components. Slider Shafts allowed. Pinion Brakes allowed, Can not reinforce vehicle in anyway.

TRANSMISSION COOLERS

Coolers are allowed as long as they are safe and are using minimum of 2500psi hydraulic lines and fittings. Slider shafts are allowed. Aftermarket shifter & peddles allowed.

REAREND

Any stock 5 bolt car rearend is allowed No rearend housing protection or reinforcing. Axle protectors are allowed. Tubes may be welded to the center pot with one bead of weld only. Watts conversion kit is allowed if it falls within the same parameters of other derby fabricators Nerat, R&R etc. if this confuses you, please ask we do not want kits taking up the whole package tray or you wont run. Your trailing arms upper and lower must be stock size.

SUSPENSION

No modifications to suspension components or car chassis. Cars with aluminum spindles can swap to steel spindles. Newer fords can have the old box style control arms swapped out with No modifications. Cars MUST have movement by inspection personnel. You may replace springs to increase the height of the vehicle. Broken or sagging springs can be replaced with other car springs. Highly Recommended that rear coil springs be wired in top and bottom. No solid shocks front or rear. You can not convert Coil to Leaf Spring. No spacers, risers or blocks.

STEERING

Stock OEM car steering components to vehicle. Reinforced or aftermarket tie rod ends allowed. Only steering modification allowed is an after market steering column with u joints. No aftermarket hydraulic steering systems.

FRAMES

No welding the frame, no seam welding. No bolting/pinning frame or subframe. You are allowed a max of 8 plates per frame (4"x4"x1/4"), on fresh or used cars, there must be a 1" space between welds. More than 8 plates per frame, you will be required to remove plates. Cold Tilting of frames is allowed. All frame repairs are to be reported to an official before inspection. Trailer hitch must be removed completely. The rear frame may be notched and butt welded, no plate. You may shorten the front frame rail to the front of rad support.

RADIATOR

Radiators and cooling system must be flushed of anti-freeze and only water added. Overflows for radiator must point downward to the ground. Radiator must be mounted in its original position or removed. No screens allowed. (Stock A.C. condensers permitted in original position.) No metal added around the rad for reinforcement. No rad guards. | Homemade rads allowed, can not be welded in place.

TIRES

Any tire may be used. Drive tires must be filled with air only. Non drive tires may be solid or foam filled. Tires may be doubled. Wheel centres may be welded into rim to change bolt pattern. No full centres. No triple side walls. All wheel weights must be removed. No homemade rims. No welded valve stem protectors.

Protesting

If a driver believes that another participant is cheating, they must approach an official within 15 minutes after the heat or feature. They must also present a \$100.00 protesting fee. If the car in question is determined to be cheating by the protest fee will be returned.

Disclaimer

ONTARIO DEMOLITION DERBY has the right to re-inspect / cut/ or drill and vehicle HAVE THE RIGHT TO RE-INSPECT / CUT / OR DRILL ANY VEHICLE AT ANY TIME FAILURE TO PASS TECH WILL RESULT IN DISQUALIFICATION AND/OR FORFEIT ANY AND ALL WINNINGS ** If there are any questions about the spirit or interpretation of the rules please call ONTARIO DEMOLITION DERBY ** Vehicles deemed too small, to damaged or unsafe for their class by officials will not be allowed to participate ** Any equipment or fabrication deemed unsafe, over built or inadequate by officials will not be allowed to participate ** Any additional modifications not listed below can be deemed illegal, and may result in immediate disqualification ** Absolutely any unauthorised welding or unauthorised modifications found on a competition vehicle before, during or after ** Refer to website for exact classes at each event

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Demolition Derby 