

## Eligible Drivers

Drivers must be a minimum of 16 years old, **Drivers 16 & 17 years of age must provide a parental consent form and have a parent or guardian onsite**

## Eligible Vehicles - **If you are unsure, please contact an O.D.D. Official**

- Any Sub Compact SUV, Mini Van, Compact Truck
- Must have a 4 cyl or 6 cyl, NO V8's
- AWD Vehicle Allowed
- 4x4 Not allowed.

## Tire Regulations

TIRES Any tire allowed.

No triple side walls (tire flaps) on drive tires.

Rims may have welded in centers only to change bolt pattern and not to strengthen the rim.

No full centres.

No welded valve stem protection.

## Welding

WELDING ABSOLUTELY NO WELDING ON VEHICLE. ONLY WITHIN THE GUIDELINES OUTLINED. No Exceptions. Referee has final decision

## Air Bags

REMOVE ALL AIR BAGS, if an airbag goes off and a track official suspects any injury the car may be disqualified.

The Air bag material **IS HIGHLY RECOMMEND** be used as covers for batteries and gas tanks

## Engines & Drive Train

– Engines, engine components, transmissions and drivetrain are interchangeable between makes and models, however all replacement parts must come from eligible models.

## Numbering

– The front driver door must be painted White – Both Front doors must be numbered for identification (passenger door may also be painted white)

## **Vehicle Interior & Exterior**

- All glass, decorative mouldings, accessories and trailer hitches must be removed, and the vehicle must be swept clean of any debris
- Rear seats, airbags and flammable material must be removed, with the exception of the front seat(s) and dash
- Plastic bumper cover must be removed before entering the ring
- 6 strands of #9 wire may be added to the interior of your vehicle. If wire goes through a door, this will count as fastening

## **Motor Mounts**

Stock mounts may be welded or chained. Any excessive or added mounts will result in disqualification. 2 chains may run from engine to frame area between rad support and firewall (upper control arm area) in case a motor mount breaks. No Exceptions.

## **Batteries**

- Only one 12V automobile battery is permitted and must be secured to the floor of the front passenger area or in the passenger seat. NO SELF TAPING SCREWS
- The battery will require a non-flammable cover to be secured after the inspection(Air bag is highly recommended)

## **Gas Tanks - NO GTP**

- NO ORIGINAL MANUFACTURERS TANKS ARE PERMITTED
- The stock gas tank must be removed and replaced with a CSA approved tank or fuel cell (or an equivalent alternative) which must be securely mounted in the rear passenger's compartment centred in vehicle
- Min TWO 2in ratchet straps may be used,body steel MUST be folded over to prevent strap from being cut
- MUST use MIN 1.5 inch washers if using bolts

## **NO SELF TAPERS**

- All tanks require a non-flammable cover to be secured after inspection. (AIRBAG MATERIAL RECOMMENDED, Each vehicle comes with a minimum of 2 air bags)
- Metal tanks are strongly recommended

Gas tanks on trucks must be mounted to the frame rails and box cut out around the tank. Tanks cannot be mounted directly to the box floor. Extended cab trucks can have the tank mounted in the back seat area. The official has the final decision.

## **Electric Fuel Pumps**

- Electric fuel pumps are permitted but must have a functioning shut-off switch (stock column ignition acceptable). The switch must be clearly marked, and located either on the dash area in front of the driver.

## Shifters

- Stock shifters can be removed and a replacement may be relocated
- **MUST NOT** be reinforcing the vehicle in any way.
- Shifter protectors are NOT allowed

## Radiators

- Coolant must be flushed out and replaced with water
- Radiators are not mandatory and can be bypassed or removed, if kept then the rad must remain in its stock position.
- No screens allowed. (Stock A.C. condensers permitted in original position.)
- No metal added around the rad for reinforcement.
- No rad guards.

## Transmission Coolers

No aftermarket coolers.  
Must be under the hood

## Body Mounts

The front two mounts can be changed to max ¾" threaded rod. All stock rubbers and bolts. NO extra body mount bolts.

## HOOD & TRUNK/TAILGATE

Hoods are to be in stock position or removed.

Hoods are not mandatory. Without hood – use electric fan only - fans directly connected to motor must be removed. With hood - a 12" opening must be cut in the center of the hood.

Hoods must remain open for officials' inspection.

Hood can be fastened down in a maximum of 8 places including threaded rod or with seat belt strapping, wire, chain, or bolted closed using 2"x2" angle iron with a single 3/8 bolt.

Hoods/rad support can be wired to the bumper in 4 places.

Trunk/tailgate to be fastened down in the same way as hood.

Trunks/gates can be fastened closed in maximum of 8 places including wired in 4 places to rear bumper.

Box sides may be folded down. Can be bolted to floor, not to frame

## DOOR FASTENING

All doors must be fastened shut with wire, straps, chains, seat belts or welded with max 3"x3"x1/4" plates in max 8 locations per door.

## Frames

NO WELDING.

Trailer Hitch MUST be removed completely.

Frames may be cut back to front of the rad support.

No relocating rad support. Rotten or bent frames may be repaired with a maximum of 4 (4"x4"x1/4") square plates.

These repairs are to be painted a bright colour and be reported during inspection.

Notching frames is permitted.

## Fenders & Body Panels

Notching frames is permitted.

Bolting of body panels is not permitted.

## BUMPERS

Any factory-made car bumper may be used. Bumpers may be seam welded or loaded.

If you choose to use a piece of square tube as a bumper it can be no bigger than 4x4 or 3x5 and no thicker than 3/8. Tube bumpers cannot stick out more than 4" from the outside of the frame. If the ends are cut and bent on a 45 degree angle it can be as wide as the centre of the front tires. Tube bumpers must remain flat, you cannot build a point.

You can do whatever you need to do to mount the bumper within 6" from the back of the bumper to the front of rad support without removing or relocating rad support. DO NOT ABUSE THIS RULE YOU WILL CUT.

Rear bumpers must remain stock.

PICK UP TRUCKS ONLY, may have a max 3x3 tube welded between the rear frame rails so the rails do not become spears.

Mandatory that front and rear bumpers have at least 2 spots of 9 wire, chain or seat belt holding the bumper on.

**Mandatory that bumper covers be removed.**

## Window Bars

– Bar or flat plate must be placed in front of the driver from roof to cowl

– A and H frames are also acceptable (No O or U frames) must be placed in front of the driver from roof to cowl

## Post-to-Post Bars (PTP) - MAX 4in

BRACING Inside car: Post to post bar behind front seats

Can be welded or bolted in place.

DASH BAR must be mounted doorframe to doorframe, but not to firewall. Not Mandatory.

A bar may run each side connecting seat bar and dash bar creating safety cage around driver. Max length of side bars 60".

You can have a max of 2 down bars bolted or welded to the rocker or frame. These bars must be off the seat bar.

**(Overuse of material is at the official's discretion and will be strictly enforced)**

**-Top of Halo Bar can not flare out. Upright and roof bar must be 90 degrees.**

## Door Plate and Protection

### **DRIVERS DOOR PROTECTION MANDATORY**

Flat bar only bolted 8 times with a maximum 3/4" bolts Max 72" long x 12" wide x 1/4" thick.

No limit on driver's door protection between door seams.

## Suspension

– Suspension components may be changed among vehicles, but must remain in original working order

– NO blocking, welding or stuffing suspension or struts and no adding, welding clamping of leaf springs

- Coil springs should be wired or clamped in

## STRUT GUARDS

MAXIMUM 2x2 square tubing may be welded horizontally to the frame between shock and frame

## Protesting

If a driver believes that another participant is cheating, he/she must approach an official within 15 minutes after the final feature of the night. He/she must also present a \$100.00 protesting fee. If the car in question is determined to be cheating, 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**