

## Albion Bolton Agricultural Society Demolition Derby Rules

Rules are based off the Ontario Demolition Derby Rules



### Entry Fee and Registration

Entries online this year will receive a discounted entry fee of \$15 per class (as compared with \$25 per class on the day of the event). Registration can be completed through:

<https://forms.gle/8YRi1DNWtfvm8LrW8>

In addition, **all drivers, mechanics and spectators will need to purchase tickets in advance for entry to the grounds.** There will be no entry to the grounds without paying at the gate. This is part of the 'entry fee' in addition to the entry fee per class.

For those wondering about entering into multiple classes (such as figure 8, then smash). If pre-registration is completed you may register in the smash class at the organizer booth for the reduced \$15 fee, only if you pre-register your vehicle in another class before.

There will be no changes to the above policy, and they will be strictly adhered to.

### General Rules

1. The Demolition Derby will be held on the Albion Bolton Agricultural Societies' fairgrounds on Saturday, September 23, 2023, at 6:00 PM.
2. Drivers must be minimum 18 years old, or older, and have a driver's license (G1 and G2 are acceptable). You must present this license when finalizing registration.
3. The cars will be checked in and lined up in the pit area. Drivers must pay attention to the announcers and runners to ensure that they are lined up in the staging area at the appropriate times.
4. Drivers and cars are to be in the pit area and sign in at least 1 hour prior to the start of the event. This will allow for track officials to safety/tech cars and for a track meeting to take place.
5. All Drivers are required to sign a release form prior to the race, or they will not be admitted to the pit area.
6. There is zero tolerance for the use of any alcohol or drugs prior to or during the race.
7. Each driver must attend the drivers meeting, held approximately 20 minutes before the scheduled start time of the competition.
8. Drivers and individuals in the pit and staging area are required to listen to all track officials.
9. Safety of the driver and others in the competition will always be maintained.
10. The Albion Bolton Agricultural Society reserves the right to disqualify or refuse any entry, or otherwise disqualify or eject any participant, crew member or team whose actions impede the progress, enjoyment or efficiency of the event.
11. The following three classes will be used for the event:

## Classes

There will be a few classes this year (some are the same as previous years):

1. Best in Show/People's Choice
2. Figure 8- Mini
3. Smash- Mini
4. Smash- Full Size and Truck

There will be no full-size figure 8. Classes may be combined or separated if there are insufficient number of entries to make a class.

<b>Mini Size</b>	<b>Mid Size</b>	<b>Mini Van</b>
<p>Any 1980 or newer 2WD passenger car with a 4-cylinder or 6-cylinder engine, with a wheelbase of 106" or less</p> <p>No All-wheel drive vehicles, hearses, limousines, jeeps, vans or trucks or disabled 4x4's (removing front drive shaft)</p>	<p>Any 1980 or newer 2WD passenger car with a 4-cylinder or 6-cylinder engine, with a wheelbase greater than 106" and less than 113"</p> <p>No All-wheel drive vehicles, hearses, limousines, jeeps, vans or trucks or disabled 4x4's (removing front drive shaft)</p>	<p>Any 1980 or newer FWD unibody Mini Van</p> <p>No 4x4's, or disabled 4x4's (removing front drive shaft)</p>

## Events

1. Best Decorated- As decided on by the loudness of cheering from fans on site for each vehicle. This will be done before the event starts.
2. Figure 8- Cars will start in a random position with the initial heats consisting of 4 cars. The fastest car to complete the 8 turns will automatically qualify in the final. The second fastest car will compete in the consolation round for a spot in the final. Cars must be ready to go when called upon based on the race order given in the rules.
3. MiniSmash- Open to all cars in the class. Cars will be watched by at least one track official and will be counted down if they do not make a competitive hit in 1 minute from the time of their last hit.
4. Optional: At the discretion of the organizing chair and pending sufficient entries a combined full size and minivan smash class may be organized.
5. Additional classes may be added or removed based on the ruling of the track official.

## Equipment and Driving Rules

1. All drivers must be equipped with helmets, safety glasses, a seatbelt and a fire extinguisher within reach of the driver and track officials
2. All drivers must be wearing acceptable attire to participate (no shorts, short sleeves, or tank tops).
3. Vehicles must have adequate brakes. The driver must always have control of their vehicle.

4. **No deliberate or aggressive driver door hits will be tolerated. Disqualification may result as determined by the track officials.**
5. If using metal fan blades and the hood of the car comes open the driver will be disqualified.
6. If a car catches fire while participating the driver will be immediately removed from the competition.
7. If a front driver door comes open while participating, that car and driver will be disqualified.
8. A driver that is not making competitive contact with other active participants will be disqualified as per the previous 1-minute rule.
9. It is always the driver's responsibility to be aware of and obey the track officials. Failure to do so will result in disqualification and potential ban from the event in subsequent years.
10. A heat winner or runner-up that qualifies for a feature event must drive the same vehicle in the feature race (if applicable).
11. No driver substitutions are allowed.

#### **Tire Regulations**

1. Tires for car events must be P-Rated, or marked as Load Range "B", and cannot have a snow-type lug on the outside of the tire.
2. If a tire is deemed to be too aggressive officials may rule is requires modification or replacement.
3. Tires with removed lugs is acceptable.
4. Wheel weights must be removed from both drive and non-drive wheels.
5. No solid tires, liquid filled tires or studded tires will be permitted and no external liners (additional side walls) are not permitted.

#### **Welding**

Welding is allowed in the following areas only, and is strictly enforced:

1. Bumpers (Choose 1 of the following only)
  - (a) Original Shock = Bumper may be welded to the brackets, and the brackets may be welded to the frame
  - (b) Hard Nosed = Bumper may be seamed to the frame and 2 plates (3"x6" by 3/8") may be added per frame from bumper to frame
  - (c) 2"x2" Tube Shocks (6"max length) = Tube Shocks may be welded to bumper only, 1 bolt per shock may go through frame and shock and 1 plates (3"x6" by 3/8") may be added per frame from bumper to frame. YOU must drill an inspection hole at 6" on frame
2. Bumpers may not be welded closed or loaded with any material
3. Repairs to broken, severely rusted, or bent frames are allowed but must follow the below criteria:
  - (a) Frames can only be repaired using 4"x4" plate, with a maximum thickness of 3/16"
  - (b) Frames can only be repaired on 2 sides (No boxing, No 3-sided repairs)
  - (c) A maximum of 2 (1 per side) repairs can be made to any frame
  - (d) All repairs must be painted orange, and disclosed to officials during tech inspection
  - (e) A repair is only acceptable if a defect is still visible, otherwise it will be removed

## **Air Bags**

AIRBAGS MUST BE REMOVED FROM ALL VEHICLES, there are no exceptions. Vehicles will be disqualified if not.

The Air bag material may be used as covers for batteries and gas tanks.

## **Other Vehicle Preparation Rules**

### Engines & Drive Train

- Engines, engine components, transmissions and drive train are interchangeable between makes and models, however all replacement parts must come from eligible model

### Vehicle Interior & Exterior

- All glass, decorative moldings, 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, except for the front seat(s) and dash
- Sunroofs MUST be covered with a solid cover; strong steel mesh is acceptable

### Motor Mounts

- It is recommended that mounts are welded to the cross member (Chained is acceptable)

### Headers

- Exhaust manifolds may be flipped upward, or alternatively, custom headers may be used

### Batteries

- Only one 12V automobile battery is permitted
- The battery will require a non-flammable cover to be secured after the inspection

### Gas Tanks

- 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 centered in vehicle NO SELF TAPERS PERMITTED
- All tanks require a non-flammable cover to be secured after inspection. (AIR BAG MATERIAL RECONMENDED)
- Metal tanks are strongly recommended, but CSA rated plastic boat tanks are acceptable

### 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, or on the roof directly above the driver

### Shifters

- Stock shifters can be removed, and a replacement may be relocated

### 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.

### Transmission Coolers

- Transmission coolers may be used, but must be mounted either within the engine compartment or within the passenger compartment
- If mounted in the passenger compartment 2500psi hydraulic hose must be used, with pressed fittings, and the cooler must be covered with tin, aluminum, or a suitable barrier between the cooler and the driver. Also, holes must be cut in the floor below the cooler to disperse excess fluid

### Doors, Trunk, Hood & Tailgate Fastening

- Driver's door can be seam welded
- A minimum 6" hole must be cut in the center of the hood

### Window Bars

- A single 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
- If there is no Gas Tank Protector a rear window bar is permitted, (maximum 2" square tubing) must not come within 6" of a halo bar, may only connect to the roof and speaker deck or the seam between the trunk and speaker deck area as long as it meets the Doors Trunk Hood & Tailgate Fastening rule that counts it as a fastened spot and may not fasten to trunk in any other way and cannot fasten to any other part of the car

### Safety Bars

- A single roll bar may be bolted or welded to the body / frame behind the driver's seat, and can run up over the roof, and back down to the body / frame, with a Post-to-Post Bar in between (MAX 4" square tubing)
- A Dash Bar (Min 3" to Max 4" square tubing) may be mounted doorframe to doorframe, but not to firewall
- A Passenger Side Bar (Min 3" to Max 4" square tubing) from Post-to-Post to Dash Bar is permitted a minimum 8" in from Passenger
- Door Pillars Alternately driver's door interior be stuffed with a minimum of 3/4 plywood / steel / combination of both
- A Drivers Side Bar (Max 2" wide horizontal) from Post-to-Post to Dash Bar is permitted. NO LIMIT ON VERTICLE WIDTH
- No kickers or down bars permitted.
- Over built, unsafely built or bars that break lose during event, ALL result in immediate disqualification

#### Door Plate and Protection

- It is recommended that the driver's door is reinforced with a flat bar or plate on the outside of the door. The bar or plate may not extend beyond 60" in length and should be from window to rocker
- Passengers side reinforcement is not permitted
- It is Highly Recommended that the driver's door interior be stuffed with a minimum of ¾ plywood / steel / combination of both as well

#### 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

#### **Inspections**

The Albion Bolton Agricultural Society has the right to re-inspect/cut/or drill any vehicle at any time. Any vehicle failing to pass may result in disqualification and/or forfeit any and all winnings:

- Vehicles deemed too small, too 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 in the rules can be deemed illegal, and may result in immediate disqualification
- All matters covered in these rules are subject to the ruling of the track officials.

Adherence to the rules above will be the responsibility of the participant and will be strictly enforced by the ABAS. Official decisions by the track officials are final.