Clarence Creek Lions Club Demolition Derby

2019 PRO STOCK Vehicle and Participant Rules

Disclaimer

**** If there are any questions about the spirit or interpretation of the rules please call an official (listed below). Any additional modifications not listed below can be deemed illegal, and may result in immediate disqualification**

Eligible Drivers

1. Drivers must be 18 years old, or older, and have a drivers license (G2 are acceptable)
2. Drivers 16 to 18 years old and have a driver's license (G2 are acceptable) may participate in 4cyl.

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

Eligible Vehicles

1. Any 1980 or newer 2WD hardtop automobile
2. No checkered cabs, Chrysler Imperials, hearses, limousines, jeeps, vans or trucks

*** Vehicles deemed 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**

Tire Regulations

1. Tires for car events must be “P” Rated, or marked as Load Range “B”, no larger than 235/15, and cannot have a snow-type lug on the outside of the tire. If a tire is deemed to be too aggressive officials may rule is requires modification or replacement.
2. Tires with removed lugs are acceptable
3. Wheel weights must be removed from both drive and non-drive wheels
4. Double tires are permitted
5. No solid tires, liquid filled tires or studded tires will be permitted
6. External liners (additional side walls) are not permitted
7. Wheel centers may be modified, but only 14”, 15” or 16” wheels are permitted
8. No welded on valve stem protectors screwed on tires or studs. anything deemed a projectile will be asked to be removed

Welding

1. A post-to-post bar may be welded into the driver’s compartment for driver safety (see Post to Post Bars)
2. Motor mounts may be welded to the cross member (cradle) - excessive material use / welding may result in disqualification
3. Differential may be welded
4. Front and rear bumpers may be welded to the brackets and frame, but under very strict limitations (see Bumpers)
5. If welded, doors can be welded in 6 spots per side (Drivers side / Passengers side) and the trunk may be welded in 6 spots only, using 3/16 plates no larger than 3” x 3” (Driver`s door can be seam welded)

**** Absolutely any other welding found on a competition vehicle before, during or after the event may result in immediate disqualification, and forfeiting of any due prize money.**

For any questions regarding rules and/or events please call or-email:
Mario Pilon (613) 229-2071 or Eric Brazeau (613-229-7649)
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Vehicle Preparation Rules

Engines & Drive Train

1. Any combination of engine, transmission and rear ends is acceptable (rear ends must be 5 bolt)
2. No protectors are allowed on drive train (no engine, transmission or differential protectors) – distributor protectors are not permitted
3. A lower engine bracket may be used to help mount the motor (no harmonic balancer protector is allowed)
4. STOCK ENGINE, DRIVE SHAFT AND REAR END WITH NO DRIVE LINE PROTECTION

Body Mounts

1. Body mounts (bolts, washers or rubber spacers) may not be altered in any way, and no additional body mounts may be added in any part of the competition vehicle
2. Front rad cradle mount and rear mount bolts may be replaced with threaded rod (max ¾") that extends through the hood, and the stock spacers and rubber bushings may be replaced with a single hockey puck (1 per side) and count as hood and trunk hold down

Doors Hood & Trunk Fastening

1. Must stay in the stock position, and can be fastened down in 6 spots each, using straps, wire, 3/8" bolts or ¼" chain (overuse of material is at the official's discretion)
2. Front and rear threaded rod count as fasteners

Frames

1. Frames may not be altered in any way including peening or, and may not be painted / undercoated
2. Crash box tabs may not be altered, bent in, or in any way modified
3. Frames humps may not be altered or modified (including bolting or pounding in the centre of the hump)
4. Notching or cutting frame rails is permitted

Window Bar

1. A single or flat plate must be placed in front of the driver (from roof to cowl), Must be straight up and down.
2. A protection screen can be add in front of driver

Bumpers

1. Bumpers ends may be bent in, but may not be cut
2. Front bumpers must be welded, chained (1/4" chain), wired or bolted to the body to prevent them from falling off
3. If welded, front and rear bumpers may be welded to the bumper shock plate
4. Also, on each frame rail of each bumper, a single 2" plate (3/8 thick) may be welded from the shock plate to the frame. Only 1 plate per bumper shock is permitted. If welded the plate may not extend back any further than the rad cradle on the front or the rear body of the trunk in the rear. It is also acceptable to have the plates bolted through the Rad Cradle threaded rod and the rear most threaded rod mount replacements instead of welded to the frame.
5. Only 1980 or newer bumpers are allowed
6. Bumper make or model may be different than the car, but the bumper has to be from an eligible vehicle
7. If manufactured with a rebar only a better rebar may be used as a replacement

Door Plate

1. The driver's door must be reinforced with either a plate or plywood (or both) inside the door between skin.
2. Passenger side door cannot be plated or reinforced

Suspension & Steering

1. All suspension must be stock. No fabrications are allowed. It must appear, and function as original
2. Upper / lower control arms brackets and spindles may be swapped out from different years of the same make. MUST be bolted on in a stock manner.
3. Rear control arms must be stock for the year / model (Watts link cannot be converted to a 4 point late model system)
4. Steering must remain stock with the exception of the steering shaft which may be modified to prevent breaking or jamming

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Post-to-Post Bars

1. A single post-to-post bar (max 4") may be welded or bolted from the drivers post to the passenger post
2. No other interior bracing is permitted (no kickers, no dash bars)

Numbering

- The front driver door must be painted white for numbering and identification.

Vehicle Interior & Exterior

1. All glass, decorative moldings and accessories (trailer hitches) must be removed, and the vehicle must be swept clean of any debris
2. All seats, airbags and flammable material must be removed, with the exception of the front seat(s) and dash
3. Sunroofs MUST be covered

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, and must be secured to the floor of the front passenger area, or within the passenger seat. The battery will require a non-flammable cover to be secured after the inspection

Gas Tanks – NO ORIGINAL MANUFACTURERS TANKS ARE PERMITTED

1. 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
2. All tanks require a non-flammable cover to be secured after inspection. **(AIR BAG MATERIAL RECOMMENDED)**
3. 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 re-attached directly to the transmission

Radiators

- Radiators must remain in the stock position, and may only contain water **(no coolant)**

Transmission Coolers

1. Transmission coolers may be used, but must be mounted either within the engine compartment or within the passenger compartment
2. If mounted in the passenger compartment 2500 psi 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

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Driver & Pit Crew Rules

1. All Drivers, Mechanics, and Vehicles must report to the registration desk one hour before the start of the event
2. The $30 Registration Fee allow one driver, one mechanic and one tow vehicles into the pit area.
3. Everybody have to pay the $10 Admission Fee
4. Each driver must attend the drivers meeting, held approximately 30 minutes before the scheduled start time of the competition
5. A car may only be entered once per event
6. No persons under 16 years of age are allowed in the pit or track area prior to, during, or after the race.
7. Crew between 16 and 17 years of age must have a parent and/or guardian present when registering to sign a parental consent form, and the parent and/or guardian must be present throughout the duration of the event.
8. Aggressive driving is limited to the track during the race. It will not be tolerated in the pit area
9. All Drivers and crew are required to sign a release form prior to the race or they will not be admitted to the pit area
10. There is **ZERO TOLERANCE** for the use of any alcohol or drugs prior to or during the race.
11. Clarence Creek Lions Club Demolition Derby organisation 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

Equipment & 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 (working boot, no shorts, short sleeves, or tank tops)
3. Vehicles must have adequate brakes, and the driver must have control of his vehicle at all times
4. No deliberate or aggressive driver door hits will be tolerated
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 disqualified, unless in the final position in which case the other car must make a competitive hit (carburetor fires will be tolerated if it extinguishes without assistance)
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. NO SANDBAGGING.
9. It is the driver's responsibility to be aware of and obey the track officials at all times. Failure to do so will result in disqualification
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

Protesting

If a driver believes that another participant is cheating, he/she must approach an official within 15 minutes after the heat or feature. He/she must also present a $50.00 protesting fee. If the car in question is determined to be cheating by the protest fee will be returned

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