

ONTARIO DEMOLITION DERBY



2009 RULES & REGULATIONS PACKAGE



Hercules Tire Canada

Eligible Drivers

1. Full Size / 6 Cylinder / PU truck Demolition Derby

- Driver must be over 19 years of age and hold a valid driver's license

2. 4 Cylinder Demolition Derby & Figure 8

- Driver must be over 16 years of age and hold a valid driver's license (G1 & G2 are acceptable)
- If between the ages of 16 and 17, drivers must provide a signed parental consent form

*** Consent forms are available only at the registration desk on the day of the event, and parents / guardians must be present to sign the document, and must remain on-site for the duration of the event.**

Eligible Vehicles

1. Full Size Demolition Derby

- GM 2WD full size passenger cars and station wagons (1977 and newer only)
- Chrysler 2WD full size passenger cars and station wagons (1979 and newer only)
- Ford 2WD full size passenger cars and station wagons (1979 and newer only)
- Any 2WD midsize passenger car of any year
- No checkered cabs, Chrysler Imperials, hearses, limousines, jeeps, vans or trucks

*** Vehicles any smaller than midsize, or vehicles deemed unsafe for this class will not be allowed to participate**

2. 4 Cylinder Demolition Derby

- Any 2WD domestic or imported passenger car with a 4 cylinder engine (No All WHEEL DRIVE Vehicles)

*** There will be no exceptions based on the size of car (4 cylinders cars only)**

*** Vehicle must have been available in production with a 4 Cylinder engine**

3. 6 Cylinder Demolition Derby

- Any domestic or imported Front Wheel Drive passenger car with a stock 6 Cylinder engine
- Vehicle must have a maximum wheel base of 107" (Vehicles with a larger wheelbase must run with the full size class)

4. PU Truck Demolition Derby

- Any 1/2 Ton Pick Up Truck (no Suburban or SUVs)
 - No 4x4's or disabled 4x4's
 - Trucks must be running original bumpers and suspension
- * No truck smaller than a full size will be allowed to participate**

**** Any vehicle in any class deemed unsafe by officials will not be allowed to participate**

Tire Regulations

- 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 it requires modification or replacement.
- Each tire should have the rating marked with **colored paint** to make it easy to identify by the officiating staff
- Tires for truck events must be automotive passenger vehicle tires (no industrial tires), 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 it requires modification or replacement.
- Wheel weights must be removed from both drive and non-drive wheels
- No double or multiple tires, **except on paved tracks (Maxville, Rockland, Navan).**
- Double P-Rated tires or single LT tires are permitted on all paved tracks **(Maxville, Rockland, Navan).**
- No solid tires, liquid filled tires or studded tires will be permitted

Driver & Pit Crew Rules

- All Drivers, Mechanics, and Vehicles must report to the registration desk two hours before the start of the event
- Paid entry allows only one driver, one mechanic, and one tow vehicle into the pit area
- Each driver must attend the drivers meeting, held approximately 30 minutes before the scheduled start time of the competition
- A car may only be entered once per driver, per event (except for consolation heats and/or powder puff heats). A car can be entered twice by 2 different drivers
- No persons under 16 years of age are allowed in the pit or track area prior to, during, or after the race.
- Drivers and/or 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.
- The derby starts upon entering the fairgrounds, so please act responsibly from this point forward.
- Aggressive driving is limited to the track during the race. It will not be tolerated in the pit area
- 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
- All drivers must possess a valid Canadian drivers license at the time of entry
- Any driver that has not paid their entrance fee prior to the race will not participate
- The driver must have control of his vehicle at all times, both on the track, and in the pit area
- Any driver, mechanic, or crew member who does not obey the direction of the track officials will be disqualified
- There is **ZERO TOLERANCE** for the use of any alcohol or drugs prior to or during the race.
- Any failure to comply with the above rules of participation will result in immediate disqualification.
- Ontario Demolition Derby reserves the right to disqualify or refuse any entry or participant

Welding

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

- Bumpers may be welded to the brackets, and the brackets may be welded to the frame (no welding beyond the brackets)
- Repairs to broken or severely rusted frames are allowed but must be disclosed to officials at inspection. If a repair is deemed excessive it must be cut or the driver and car will be disqualified
- Motor mounts and rear end gears may be welded
- No other welding on the frame is allowed (folding and welding crash box tabs is accepted)
- Doors and trunks may be welded in 6 spots each using 1/4 "plates, no larger than 3"x3" (9 square inches max.)

**** Any welding other than that described above may result in immediate disqualification. If there are any questions or concerns regarding welding please call a listed official.**

For any questions regarding rules and/or events please call or-email:

Jim Grant (705) 738-5200
james443@sympatico.ca

Doug Grant (905) 464-1769
dgrant@ontariodemoderby.com

ONTARIO DEMOLITION DERBY



2009 RULES & REGULATIONS PACKAGE



Hercules Tire Canada

Vehicle Preparation Rules

1. The front driver and passenger doors must be painted white for numbering and identification
2. All suspension must be stock. No modifications to coil springs or leaf springs are allowed. No spring-jacks or blocked shocks are allowed. Suspension must be free of any blocks
3. Welded or chained motor mounts are recommended
4. All glass and decorative moldings must be removed from the vehicle, including headlights, taillights, mirrors, front windshield and chrome moldings, and vehicle must be swept clean of any debris
5. All seats and flammable material must be removed from the vehicle (with the exception of the front seat and dash)
6. The stock gas tank must be removed from the vehicle, and replaced with a CSA approved tank or fuel cell (or an equivalent alternative). Car tanks must be securely mounted in the rear passenger's compartment. Truck tanks must be secured behind the cab, bolted to the frame. All tanks require a non-flammable cover to be secured after inspection. Metal tanks are recommended.
**** Tanks in poor condition, or those that have exposed necks may be deemed unsafe, resulting in disqualification**
7. Electric fuel pumps are permitted, but must have a functioning shut-off switch within easy reach of the driver and officials
8. Batteries (only one 12V automobile battery is permitted) 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.
9. Radiators must remain in the stock position, and may only contain water (no coolant or anti-freeze)
10. If the body of the car is in poor condition the body mounts bolts may only be replaced with stock bolts or reasonable equivalents (official's discretion will determine what is reasonable)
11. If the majority of body mounts have been replaced with new bolts, then no additional mounts will be allowed (See rule #14)
12. The stock rubber body spacers must remain in place, and the metal centers cannot be removed
13. The rubber spacers and metal sleeves can be removed from the rad cradle, as well as the rear bumper area (closest set to the rear bumper) and be replaced with a maximum 1" threaded rod.
14. 4 additional body mounts may be added using stock bolts or reasonable equivalents, unless the majority of the original mounts have been replaced, in which case no additional mounts are allowed.
15. All doors and trunks must be wired, chained, bolted or welded shut (driver's door may be welded solid if desired). If wired, doors and trunks may only be wired shut in 6 spots each. If welded, doors and trunks may be welded in 6 spots only, using ¼" plates no larger than 3" x 3" (9 square inches total).
16. Hoods must be wired, chained or strapped shut in 6 spots only. Any rad cradle mounts extending up through the hood and/or truck are considered as 1 spot. If a large portion of the centre of the hood has been cut away, then it may be wired more securely (official's discretion will determine overuse of materials).
17. Frames may not be painted or undercoated and all accessories (trailer hitches, etc.) must be removed
18. Removal or cutting of fenders or related body parts is allowed for wheel clearance.
19. There must be a hole in the center of the hood (6" minimum diameter) to provide access in the event of a fire.
20. Stock bumpers may be replaced with a reasonable alternate, and may be bent in; however they may not be cut. Bumpers must be from an eligible vehicle.
21. Rear-ends can be replaced with reasonable equivalents (5 bolt rear-ends only).
22. Both front and rear bumpers should be welded or chained to the brackets or body of the vehicle to prevent them from falling off and becoming a hazard on the track (see the limitations regarding welding)

Driver Protection

1. Traditional Post-to-Post bars are allowed however the bar cannot be connected to the frame. 3" tubing or similar type material is recommended. Overuse of materials may result in modification or disqualification. Overuse will be determined by the track officials.
2. Alternatively, a bar may run from the driver's side post along the back of the driver's seat to the passenger side post (ODD seat bar), however it must be 18" or lower from the top of the passenger side door body (18" lower from the bottom of the original passenger window). If the bar requires mounting on the frame, then bolts may be used, however any bolts used to secure the roll bar will be considered as part of the 4 additional mounts listed in rule #15.
3. A bar or plate must be placed in front of the driver (from roof to cowl). If using an "A" or "H" frame the base of the frame cannot exceed 24" on the cowl (dash area), and should be secured at 18".
4. 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 be wider than 18", and may not extend beyond the rear passenger door. Alternatively, a 2' x 30" plate may be inserted inside the driver's door. No reinforcements are allowed across the passenger side door (official's discretion will determine overuse of materials).

Equipment & Driving Rules

1. All drivers must be equipped with helmets, goggles (and/or a visor), working seatbelts and a fire extinguisher within reach of both 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, and the driver must have control of his vehicle at all times
4. Drivers must pay attention to, and obey the track officials at all times
5. No deliberate or aggressive driver door hits will be tolerated
8. If a hood, trunk, or any other part of a vehicle begins to impair the vision of the driver, and causes that driver to hit the driver's door of another participant, the offending driver will be disqualified for not having adequate control of his/her vehicle
9. If using metal fan blades and the hood of the car comes open the driver will be disqualified
10. If a car catches fire while participating the driver will be immediately disqualified (2-3 second carburetor fires will be tolerated if it extinguishes without the assistance of a driver and/or official)
11. If a front driver door comes open while participating, that car and driver will be disqualified
12. If a driver's eye protection (visor, goggles or glasses) or seatbelt are removed, either by contact or manually, they can be disqualified. If the driver's eye protection is knocked off by contact the driver must stop their vehicle and replace their eye protection immediately. Failure to do so may result in disqualification.
13. A driver that is not making competitive contact with other active participants will be disqualified. **NO SANDBAGGING.**
14. 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
15. A heat winner or runner-up that qualifies for a feature event must drive the same vehicle in the feature race
16. 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.

For any questions regarding rules and/or events please call or email:

Jim Grant (705) 738-5200
james443@sympatico.ca

Doug Grant (905) 464-1769
dgrant@ontariodemoderby.com