



Derby Vehicle Specifications

If you have any questions please contact the Club @ 256 7803
(We have pictures available to indicate some of the rules)

STARTING FROM FRONT BUMPER:

- Bumper stays the same
- Two 12" x 6" openings in middle of hood - (for Fire Dept. access)
- Must have fan
- Must have working brakes on at least two tires -
this means **foot brake, not emergency brake*
- Driver's door may be secured with duct tape, rope, seatbelt or cargo strap.
- All glass, except the front windshield, is to be removed from the vehicle prior to the Derby. Drivers wishing to remove the front windshield must replace it with some form of protective mesh.
- **NOT PERMITTED:**
 - power tools
 - hitches
 - side mirrors
 - spoilers
 - hubcaps
 - studed tires
 - removal of radiator

INTERIOR:

- **Airbags must be removed;** *not* cut out or disconnected
- All carpet must be removed; floor, trunk, headliner, visors, & cut around front seats (rear seat is removed).
- Rear seat must be removed - back & bench
- Rearview mirror must be removed
- Working seatbelts are mandatory
- Front passenger seat may be left intact to secure batteries in place.
- Remove all debris... **NO JUNK IN YOUR TRUNK!**

BATTERY:

- Maximum of 2 batteries.
- Both batteries are to be placed in the front passenger area, tied down & covered with a rubber mat. ****DO NOT SECURE MAT UNTIL AFTER INSPECTION****
- All joins & cables must be wrapped with electrical tape only - *nothing else*.
- Positive terminal & cable must be red; negative must be black.
- Battery cables, as is, thru firewall not thru windshield.
- All electrical connections must be made at a common point.



FUEL CELL:

- Must use one of the two following options:
 1. Custom manufactured fuel cell designed specifically for demolition derbies. For more info, contact the Gander Boys and Girls Club.
 2. Outboard motor tank
 - **RECOMMENDED:** 6 gallon tank with fuel pump installed inside through existing fuel gauge opening.
 - Drill $\frac{3}{8}$ " hole in tank for fuel line (fuel injection) (use compression or barbed fitting for connection)
 - **MINIMUM STANDARD:** 3½ gallon tank WITH inline fuel pump (mounted & wrapped)
 - **NO OTHER MODIFICATIONS**
- Tank must be located in rear middle (on the hump), tightly secured (tethered, bolted, etc.)
- Maximum of 4 gallons of gas in tank
- Fuel pump wires must be connected to battery cable at the common point; 1" from battery
- Fuel pump wires must have inline switch

FUEL LINES:

- Must have 6" of rubber hose on either end for joins
- Must use steel or copper line in engine compartment and must be 18" through firewall before changing to rubber hose, if desired, or you may continue with steel line all the way back to fuel cell join.
- Must be double-clamped at all joins
- Do not run fuel line through windshield or under car; must be run through firewall, glove box, center of car (inside) to the fuel cell in back seat.
- Fuel lines must be tight to engine (away from exhaust)
- If using fuel filter, it must be metal – NOT PLASTIC.

CHASSIS:

- Must have sturdy floor (holes, etc. should be repaired using welding, pop rivets or screws)
- Must be solid from front to rear (check chassis)....BUYER BEWARE!
- *Unibody type:* main frame must be intact
- Reinforcement is allowed from front tire to rear tire; but nothing from tire to bumper, **chassis only**. Nothing in cab other than partial driver roll cage.
- Axles must be stock and in good condition; not chained
- Vehicle may *not* be raised or jacked up in the rear *or* in the front.
 - › Exception: Drivers who must compensate for damaged or worn



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shocks and springs. ***Do not raise them above original height.***

👉 If the inspector finds the vehicle to be unsatisfactory or you fail to comply with any of the above rules, you will be disqualified immediately. 👉