

2021 Lions Club Demolition Derby Rules
July 24 2021 4pm

NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS.

These rules are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator, official or others. Track Officials shall be empowered to permit minor deviations from any of the specifications or impose further restrictions that, in their opinion do not alter the minimum acceptable requirements.

NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATIONS OF SPECIFICATIONS.

Interpretation of or deviation from these rules is left to the discretion of the officials. Their decision is final. It is the responsibility of the driver to ensure their car conforms to all rules and regulations at all times.

Explanation

The Chain and Go Demo Derby Class is designed to be an entry level class to promote greater interest in demo derbies and to give new people a class to compete in on a limited budget. The cars in this class are meant to be stripped, prepped with safety gear and brought to the track to demo. These rules specifically state what can be done to the vehicle. **There are no gray areas. If it doesn't say you can, then you can't.**

A. Competing Models

1. Open to all 1980 and newer vehicles
2. Open to any make of car
3. 8 cylinder maximum
4. No mini vans, SUVs, Pickups or El Caminos

B. General Preparation

1. All Glass except front windshield must be removed. All loose glass must be cleaned out
2. Front windshield may be replaced with expanded metal. Must have 2 vertical braces for support in center.
3. Car exterior must be stripped of all molding, headlights, trim, tail lights etc.
4. All Flammable material must be removed from interior. Head liner, rear seats, door panels, carpet etc.
5. All vehicles must have a roof sign showing their number on both sides. Minimum of 15" x 15". Must not strengthen the car in any way.
6. Front seat must be securely fastened to the floor. These bolts may not go through the frame.
7. Hoods may be chained or wired shut only. 6 places maximum. 3/8 chain or 2 wraps of #9 gauge wire maximum.
8. 2 of the hood chains or wire may be looped around the front bumper.
9. No re-bolting of hood skins
10. Dash bar is recommended. A dash bar is required if any portion of the metal structure of the dash has been removed May only be bolted to body sheet metal. Must use backer plates.
11. Spreader Bar is required. Must be securely bolted to the outside door bars. If a passenger door bar is not used. Backer plates are required.
12. Trunk lids may be chained or wired shut only. 6 places maximum. 3/8 chain or 2 wraps of #9 gauge wire maximum
13. 2 of the trunk lid chains or wire may be looped around the rear bumper
20. No welding other than what is specifically stated in these rules.

C. Frames

1. Engine mounts may be welded to the frame. No added metal. May not strengthen the car in any way.
2. No other welding on the frame is allowed.

D. Brakes

1. All cars must be able to demonstrate the ability to stop at any time. If your brakes do not work, you will not compete.

E. Tires

1. Must be D.O.T Tires
2. Must be mounted on stock style rim
3. No Reinforcing rims
4. Tubes are allowed
5. No valve stem protectors allowed

F. Bumpers and Bumper Brackets

1. No welding of the bumpers or bumper brackets is allowed.
2. Bumper may be replaced by 2inx6in steel tube.
3. Bumper may be bolted or chained to the frame only.
4. Bumper ends may be cut for tire clearance.

G. Rear Ends and Drive shafts

1. No rear end swaps allowed
2. You may weld the rear end spider gears
3. Stock Style drive shafts only. No sliding type drive lines allowed

H. Engines

1. No purpose built engine swaps. Examples of acceptable swaps. 305 Chevrolet replaced by a 350 Chevrolet. 302 Ford replaced by a 351w Ford. Contact Tech with any engine swap questions prior to building
2. No engine cradles allowed
3. No distributor protectors allowed
4. You must run a properly installed air cleaner at all times
5. Stock Engine mounts may be welded. No added metal. May not strengthen the car at all

I. Batteries

1. Battery must be relocated to inside the cab
2. Battery must be fully enclosed in a box made of metal
3. Battery box must be securely fastened to the floor
4. Lid must be securely fastened shut
5. No bungee cords or ratchet straps may be used to secure battery box or lid

J. Fuel System

1. Stock fuel tank must be removed from OEM Location.
2. Stock fuel may be used if mounted as described below.
3. Maximum 8 gallon tank. Stock fuel tank is the only exception (see number 2)
4. Tank must be securely fastened to the floorboards of the vehicle
5. Tank cannot be bolted through the frame at all
6. It must be mounted as close to the center of the car as possible

7. Tank mounting braces/brackets cannot be used as a kicker of any kind. Must maintain a minimum of 6" of clearance between any fuel tank mounting brace and any surrounding metal.
8. Rubber fuel hose ran inside the cab is required to be ran inside a larger diameter hose
9. Hydraulic hose is highly recommended for all in cab fuel lines
10. All fuel lines must be double clamped
11. Electric fuel pumps are allowed. They must be covered and have a clearly marked on/off switch.

K. Cooling system

1. Water only. No antifreeze or ethylene glycol allowed
2. Radiator (if used) must remain in the factory installed location
3. If the radiator is removed, you can loop the hoses together. No added expansion tanks
4. No other cooling system modifications allowed

L. Suspension

1. No Suspension modifications are allowed
2. No chaining humps or limiting suspension travel in any way

M. Safety

1. Driver must wear helmet, seat belt and eye protection at all times during competition.
2. Driver must remain in vehicle with all safety equipment on until directed by a track official to exit the vehicle. (fire is the only exception)
3. Driver's door hits are illegal. Any driver's door hit deemed intentional will be cause for disqualification. Repeated unintentional or careless driver's door hits will be cause for disqualification. Official's determination is final
4. Intentional or repeated unintentional use of your driver's door as a defense may result in disqualification.
5. No hot rodding in the pits
6. You are allowed 2 fires. The third fire will be cause for disqualification

N. Technical Inspection

1. It is your responsibility to show up with a legal car
2. It is your responsibility to report to tech. Failure to report to tech or competing in any event with a car that has not been inspected will result in immediate disqualification and a monetary fine
3. Hood and trunk lid must be opened for inspection.
4. Protests are not allowed. Official's decisions are final

O. Competition Rules

1. No sandbagging. You must make a competitive hit every 60 seconds
2. Intentional or repeatedly exiting the defined area of competition may result in disqualification
3. Obey the Officials commands.
4. **Have Fun and Put on a Great Show for the Crowd!**