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*Any questions or comments,  
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**Demolition Derby Rules**

[www.listiegrove.net](http://www.listiegrove.net)

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**2019**

### ***POSITIVELY NO ALCOHOLIC BEVERAGES!***

***Any vehicle or person may be subject to search or on-scene breathalyzer!***

### **General Rules**

1. All Drivers must sign in and register 1 hour prior to start time.
2. All rules will be enforced, follow them, or you do not participate.
3. Any driver or pit crew member disobeying the rules, or acting in an unsportsmanlike manner will be disqualified & ask to leave the event. May also result in being banned from future derby's as well.
4. All drivers are to obey track officials at all times.
5. No driver door hits.
6. No alcohol or drugs permitted, any driver or pit crew member consuming or under the influence will be removed from the grounds & authorities will be notified.
7. If your car doesn't pass inspection & changes are not made to pass, vehicle will not participate.
8. All driver's must attend the driver's meeting or you do not participate.
9. Officials decision is final.
10. D.O.T helmets, seat belt s, eye protection, long sleeve shirt, pants & boots must be worn at all times during competition.
11. Seat belt, driver door padding & working brake system is mandatory.
12. Drivers must stay in their cars with helmet & seat belts on until the event is over. Car & driver will be disqualified for the event if removed before hand.
13. Exhaust that goes through hood, must have at least 1 3/8" grade 5 bolt or dow rod in 1 1/2" pipe. Pipe larger than 1 1/2" must have 2 bolts crossed within 1" of each other.
14. All cars must have a roof sign with your number on.

## NOTES

### Running

1. A working seat belt, helmet and eye protection are required to be left on until the end of the heat.
2. No deliberate (full-speed) head-on collisions and no deliberate hitting on the driver's door.
3. Vehicles must have dependable brakes at all times. A vehicle will be disqualified if driver's door comes open during the heat.
4. A one-minute time limit is enforced by the track officials for restarts and making aggressive contact with another live truck. This does NOT mean simply bumping other trucks. The word is AGGRESSIVE. If you are hung up and making a strong effort to get free, you may be given more time. If you are sand-bagging, you may get less. There again, this is an official's decision.

All rules are subject to change and the officials have the FINAL say. It is impossible to list everything that you can and cannot do and we realize that rules will be bent, pushed to the max and sometimes tested with new ideas. Whether any stipulations or variations to these rules are allowed or not, it is the officials' decision...and it is FINAL!

# Preparation of Vehicle

1. Remove all glass, head and tail lights and clean inside of cab and bed before arrival to event. This applies to metal parts, trash, screws, nails, bolts and glass. Broken glass inside doors is not permitted. Chrome molding strips, outside door handles, side-view mirrors and running boards must be removed.
2. Only original OEM bumper for that vehicle is allowed on the rear. If no rear bumper is used then frame rails must be covered by sliding tailgate down. No exposed ends of frame rails on front or back. Front bumper can be original OEM or replaced with a front car bumper. Minimal plating (1.4" thickness) will be allowed to attach bumper to frame rails. Do not get carried away as we will make you cut anything we feel is excessive. Stock style flat bumpers may be used on the front and rear. No special home made bumpers (like tubing), trailer hitches or fifth wheel plates. Bumpers height limits on full-size trucks is 30" on front and 33" on rear. Compact trucks is 28" on front and 29" on rear. Measurements are form ground to top of bumper. Corners of bumpers are allowed to be cut or smashed in. Bumpers may be wired to core support in up to 4 places to prevent them from falling off. Double strand #9 gauge max.
3. Suspension must remain stock. No stiff suspension, lift kits, spring blocks, reversed shackles or working air shocks allowed. No more than eight leafs per side with 4 clamps (2 front & 2 back). Leaf springs must be stair-stepped at least 2" down from the main. No main over main or short shocking.
4. Fiberglass caps on Explorers, Blazers, Broncos, etc. must be removed.
5. Tailgates on Suburbans, Explorers, Blazers, Broncos, etc. can be welded same as trucks, see prep# 15.
6. Welded solid or chained down engine and transmission mounts are recommended. Transmission coolers are allowed inside the engine compartment and inside the cab. If placed in cab they must be covered or sealed in a container or have a barrier between it and the driver. It must protect the driver from being sprayed in case of a leak.
7. Radiator must remain in original place or be taken out.
8. Batter (only 1 allowed) must be moved to the floor inside the passenger's area, secured and covered with a non-absorbent material.
9. Stock gas tanks must be removed and discarded. A small portable tank or fuel cell is required. It CAN NOT be placed inside the cab on trucks. It must be mounted in the center of the bed directly behind the cab on a fuel tank plate. The plate must be mounted to the bed floor from frame rail to frame rail. It can not extend passed the frame rails, be more that 18" wide or 1.2" thick. It must be bolted through the frame at the 4 corners. The tank must be securely mounted to the plate and covered with a non-absorbent material. Sides may be added to the plate to form a box if desired. Maximum of 4 gallons of gas are allowed. If equipped with an electric fuel pump, you must install a kill switch near the base of the driver's door post and dash area within easy reach for safety personnel.
10. When replacing body mount bolts, they may not exceed 5/8" in size and cannot extend more that 1-2" past the nut. No extra body bolts may be added. Washers and plates are limited to 3" in diameter unless patching rust holes. You may use the same thickness of metal and repair up to 1" larger than rusted out area. This goes for body and frame alike.

13. Front and rear bumpers are to be max 3" pipe, square tube, angle, or C channel. If using angle or C channel, flat side must be facing out. Bumpers cannot extend past the inside of the tires- front and back. Bumpers cannot extend out more than 12 inches from the frame (to the face of the bumper). Bumper arms may be welded or bolted to the side of the frame, however they may not come past the center line of the axle.

14. You may change pulleys to increase speed.

15. No mower decks!! You must remove all plastic items and headlights except hood.

16. Front plate of frame, grill area, may be strengthened using 2" x 1/8" max material **framed in only, NOT SOLID- for hitting purposes only**. Frames may also be seam welded. **(Craftsman tractors- the exhaust hole- may be welded shut)**

17. Exhaust stacks must be straight, no angle cuts allowed. Exhaust may not exceed 12" from top of hood.

18. If driver rolls over or any part of their body touches the track, they are disqualified.

19. In the event of a rollover, the heat will be stopped until officials get the mower back upright.

20. Put your number on hood sign, no sharp edges! **Must have a hood sign.**

21. Minimum 8 inch, maximum 12 inch rear wheel and minimum 6 inch and maximum 10 inch front wheels to be used. Stock wheels only. **Tractor/Ag tires only- NO ATV,**

**AUTO, OR SOLID TIRES ARE PERMITTED!** No wheel weights or bead locks permitted. Tire chains may be used on rear tires only. If using tire chains, they must be wired or bolted together so they cannot come off for safety purposes. **AIR ONLY IN TIRES! No dual tire setups!**

22. Fender shifters must have a protective guard/cage around them. May be plated solid but the rest of the back and side cage cannot be plated.

23. No teaming or hold and hit. **ALL INVOLVED WILL BE DISQUALIFIED.**

24. Tie rods may be changed/strengthened. Spindles may be gusseted.

25. Do not go past officials on track. Stay in your allowed arena space. **YOU WILL GET DISQUALIFIED.**

26. **May use 2 fix plates max per tractor all season- 3" x 3" x 1/4" plate max.** Must prove damaged area.

\*\*\* No exceptions! If your tractor does not comply, you will not run. **NO**

**REFUNDS.**

**\*\*ALL RULES ARE AT OFFICIALS DISCRETION- AS FAR AS PRE-RUN QUESTIONING AND GREY AREAS\*\***

# LAWNMOWER RULES

## General setup and safety rules apply for this class

\*\*This class is designed for (but not limited to) the beginner driver and new enthusiast to join the sport, so there will be no strengthening of tractors unless noted for safety purposes.

**\*\*Just because it is not stated in the rules, does not mean you can do it. Officials have final call on any discussed topic of issues not meeting to the rules**

**\*May run tractors from last year but they have to abide by 2019 rules- SO THEY MUST BE CHANGED- NO EXCEPTIONS!!!**

## **GENERAL RULES:**

1. Long pants, long sleeve shirt, work boots, gloves, eye protection and DOT helmet **MANDATORY**.
2. The garden lawnmower must have a factory frame. Homemade frames, adding metal to frame, is **NOT PERMITTED**.
3. Mowers must be factory available mowers or garden tractors.
4. Must be front engine mower. Rear engine mowers **NOT PERMITTED**.
5. **All mowers must be belt driven someplace.**
6. No after market engines. Must be an engine that would have come from factory on either a lawn or garden tractor. 2 cylinder max.
7. Transaxle must be factory. Reinforcing or spider gears are allowed.
8. May use 1/8" plate frame rail to frame rail to mount the engine. May not exceed more than 2" past bolt holes. May also use four- 2" x 1/8" max, tube or angle uprights around engine with two bars running from top of grill to top of dash- 2" x 1/8" max, tube or angle to protect engine. May use 1 bar across the top to connect the sides. **All work must be done under the hood.**
9. **MUST HAVE HOOD.** Hood must be in factory location. Top of engine must be covered. Sides of stock hood may be cut off. If stock hood is plastic or fiberglass, may use 1/8" max plate to make one. Hood must be secure, welded, bolted, or screwed on.
10. Brakes must work when pulling in for heat race. You must also have forward and reverse.
11. Gas tank must be fastened with cap on. If it comes loose or gas leaks you will be disqualified. Must be located in a safe place and protected- **No gas tanks under seat.**
12. **LEG GUARDS ARE MANDATORY, MUST BE SOLID AND SECURED OR YOU WILL NOT RUN.** They must go from rear fender to front foot rest or frame. It may go to front of hood, it must not touch hood. **NO EXCEPTIONS.** You must have ankle protection. It is to be maximum 1/8" plate from outside of leg guard to foot rest. Must be no higher than 20" from ground and no lower than axle to spindle from ground to side bars and bumpers cannot connect. Guard/cage frame must be made out of 2" x 1/8" minimum material. **Must** run a back bar from top of fenders, up behind the seat. May run 2 kickers down to cage/side bars. Kickers can not come past the front of rear fenders. **Cannot touch bumper.**

11. Truck cab and bed can be bolted together in 4 places. The bolts can be no larger than 1" and the washers 5". Truck bed may be welded to the cab, bed sides only (3/16" thick by 6" wide straps/plates max).
12. Driver's door may be reinforced inside with steel bar, pipe, concrete, etc. Only flat plating may be used on the outside of the driver's door. It is **MANDATORY** that the inside door panel on driver's door be left on or replaced with padding for driver's protection.
13. Driver's compartment **MUST** be reinforced with a 4 bar enclosure - 2 long bars, one directly behind the driver's seat from one side of the truck to the other, one across the dash area, 2 shorter ones across the 2 doors connecting the 2 longer bars. You can also build a roll bar off of the bar behind the seat and attach it to the roof. Kickers from 4 bar enclosure to frame are allowed. Rear kickers must be straight down (vertical only). Front kickers may angle forward but not to exceed 6" through firewall. You may use bars, pipes or angle iron to build this rectangular safety zone and kickers. Materials used can be no more than 4" in diameter.
14. Hoods must be **WIRED** shut, 2 strands per hole up to 8 places. Sheet metal to sheet metal only. Maximum #9 gauge wire. Core supports only, may be seam welded. No welds on fenders. Hoods may be screwed, bolted or welded around access holes only.
15. Doors and tailgate must be secured by wire, chain or vertical welded seams. Bottom of tailgate may also be secured by bolting or welding a piece of angle iron on the inside where the tailgate meets the bed. Angle iron can be no longer than 24" and be no larger than 3"x3"x1/4" thick. If bolts are used they cannot pass through the frame. Sheet metal to sheet metal only. Outside vertical seams of tailgate can be welded. If plated, it can not be wider than 2" and 3/16" thick. Inside vertical seam can also be welded but no plating can be used.
16. All tucks must have a minimum 12" hole in the hood above the carburetor. Hoods must remain on trucks. Fan blades must be covered and carburetors must have air cleaners.
17. Tires can be no wider than 12" and no taller than 34". No valve stem protectors. No studs or screws in rim to hold tires on. No split rims. Wheel weights must be removed. Skid loader and Bar (V-tread) tires are allowed. Double tires (tire inside a tire) are allowed.
18. A strong wire or nylon mesh screen is permitted on drivers door and the windshield area.
19. Doors should be painted white for driver's safety and for numbering. Special numbers are permitted on a first come basis.
20. Cutting fenders for wheel clearance is allowed. No re-welding or bolting of fenders. Folding or rolling the sheet metal is permitted.
21. No profanity will be allowed on any portion of the vehicle! This is a family event!

# COMPACT CAR/MINI-VAN

## 4 CYLINDER/ V-6 RULES

NOTES

### General Rules

#### Type of cars.

1. 4 cyl class you may use any 4 cyl car with 105" wheelbase or less, FWD or RWD
2. V6 class you may use any 4 cyl or V6 with 112" wheelbase or less, FWD or RWD
3. Wheel base will be measured, no engine swaps, AWD cars must remove one driveshaft

### Car Preparation

#### KEEP IT SIMPLE/KEEP IT SAFE

1. 1. Battery must be moved too passenger side floor board and properly secured and covered.
2. 2. Doors and trunk can be chained or welded if welded 4x4 plates 1/4 inch thick 4 per door and trunk. Driver door may be welded solid, use 1/4" door plate or protective panel. Can't exceed 2" past fender, rear door, or rear fender. Flat iron only.
3. 3. Gas tank must be removed & placed in rear seat area, properly secured with zero movement. A 3-5 gallon fuel cell is highly recommended max of 3 gallon of gas only. **Fuel door must be welded shut & have a switch on fuel pump.** Plastic fuel tank must be wrapped in 1/8" steel box & secured with zero movement.
4. 4. You must run a bar or pipe 3x3 welded into place behind seat from door post to post **(highly recommended)**. You may run a windshield bar or chain in center only welded or bolted in for safety purposes only, no other windows bars permitted.
5. 5. Bumpers must be a stock bumper, you may weld all mounting components & bumper to bracket. May be hardnosed with no added metal. No pipe in frame.
6. 6. Hood must be open for inspection and secured after in max of 4 spots with chain and bolt. Must have a 12 x 12 hole cut in hood in case of fires.
7. 7. All cooling systems must be original equipment or less and located under **the hood only. Radiators are water only, no antifreeze.**
8. 8. May run any tire except V treads, 16" max, only air in tires, no studs, factory OEM wheels only. No split rims, no bead protectors, or weld in centers.
9. Any added metal, extra welding, or mods will lead to disqualifications. No wedge cars & no pre-bending in rear trunk area. **Absolutely no body creasing, no exceptions, you will not run.**
10. If using a cage, must be 4-point, 3" diameter pipe or square tubing cage around driver, must be bolted or welded in with 1/4" plate, 3' wide, 10" long on each top corner where side meets front & rear bars to tie cage together.

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## Pick-Up Truck Demolition Derby Rules

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Our Pick-Up Truck Demolition Derby is promoted as an unusual spectator attraction. In the interest of safety, drivers and pit crew are subject to and must obey the following rules and regulations which are set up by the promoters and track officials.

### Rules and Regulations

1. Any 1/2, 3/4 or 1 ton (single wheel) truck with 2 or 4 wheel drive. Any 4 wheel drive used must have front coil spring suspension and run with front drive shaft removed. No super-duty, king cabs or one tone dually's. Compacts: No V8's, wooden beds, steel flat beds, dump beds or camper tops allowed. Extended cabs are allowed. Dodge Dakota's with 4 or 6 cylinders will run with compact size.
2. The track officials reserve the right to reject any entries and to re-inspect any winning trucks after the feature, if deemed necessary. When found in violation, they will be disqualified. Disqualified vehicles will not receive refunds!! Also, there will be no refunds for no shows or mechanical failure.
3. All trucks are to be removed from the grounds that night. If this is not possible, let any official know. The track officials will not be held responsible for any vehicles, parts or personal property before, during, after the show or overnight.
4. Drivers must be 18 years of age. Be prepared to show ID or you may not be allowed to drive. Each driver must be signed in and have their truck inspected at least one hour before show time. (\$20 late fee after one hour pre-show deadline).
5. Drivers must attend the driver's meeting before the show.
6. All drivers are responsible for the actions of their crew members. Any driver or pit person found under the influence of alcohol or drugs will be disqualified and removed from the grounds and barred from future derbies.
7. Trucks must have a hood, OEM bed and doors. Frame must be stock form with no plating or reinforcement.

## LARGE CAR

### V-8 RULES

1. All Drivers must sign in and register one hour prior to start time.
2. All rules will be enforced, follow them, or you will not run.
3. Any driver or pit crew member disobeying the rules, or acting in an unsportsmanlike manner will be disqualified / banned from future derbys.
4. All drivers are to obey track officials at all times. **NO driver door hits !!!!!**
5. No alcohol or drugs permitted, any driver or pit crew member consuming or under the influence of drugs and alcohol will be ejected off the grounds/ arrested.
6. If your car does not pass inspection, and driver is unwilling to make changes you will not run.
7. All drivers must attend a mandatory drivers 'meeting.
8. Officials decision is final; there will be no protesting or fighting after demo!!
9. D.O.T Helmets, seat belt and eye protection must be worn at all times during competition.
10. **Long sleeve shirts, pants and boots (no sneakers), must be worn during competition.**
11. Seat belt, driver door padding and working brake system is mandatory.
12. Drivers must stay in their cars with helmet and belts on until the event is over. Car and Driver will be disqualified for the event if the driver unhooks seat belts or removes the helmet during the event while under green.
13. Pipe through the hood must have at least one 3/8" grade 5 bolt or dow rod in 1 1/2" pipe. Larger than 1 1/2" pipe must have 2 bolts crossed within 1" of each other.
14. **All cars must have sign on roof with cars number on.**

### Types of cars

1. All American made automobiles will be permitted except the following:
2. No 1968 and older Imperials, No jeeps, suburban's, limos, wedged sedans, smash top wagons, "Checkered Cabs" or other specialty vehicles. No outlaw or modified cars, we will not make a special class for you.

### Car Preparation

1. **All glass**, headlights, tail lights, all carpet, head liners, door panels, soft chrome, mirrors, door handles, plastic, fiber glass, metal header panels, backseats and trailer hitches must be removed. Cars must be swept clean before entering the grounds. No breaking glass in doors.
2. **Battery.** Any size battery may be used **other than a D8**, 2 maximum. Battery must be relocated to passenger floor board and properly secured in a battery box bolted through floor, no self-tapping screws, & covered with a rubber mat.

3. **Fuel.** Metal boat tank or metal fuel cell may be used. Fuel tank must be relocated to back seat area and properly secured, max of 5 gallons of fuel, **NO PLASTIC FUEL TANKS**, the tanks must have a fuel line type fitting and use a good quality fuel line and double clamped. Must be ran in passenger compartment & **must have a fuel pump switch.**

4. All cars must have an air filter and 12x12 hole cut in hood above it in case of fires.

5. All air conditioning systems must be drained and rubber hoses removed prior to arrival at track.

6. **Interior.** You must have a dashboard & seat bar, (4-point cage), **must be welded** into place no bigger than 3 inches in diameter seat bar can be offset back to accommodate room for seat and driver. You may use steering column, gas / brake pedal, seat, shifter and ignition of your choice.

7. **Windows.** 1 or 2 windshield bar(s) may be welded or bolted to roof, 3" in. max, and fire wall 3" in. max. One rear window bar welded 3" in. maximum in center of window, roof to trunk lid by 2" in. x 1/4 round, square, or flat welded in place. No other window bars or chains permitted.

8. **FRAME.** No added metal, No frame seam welding, pinning or plating, No hump plates of any shape or form. **No tilting of front frames and no added spacers.** If frame is rotted, 1" stitch weld may be applied. Any additional welding will result in disqualification.

9. **Engine.** Any engine in the car must be in stock location, can use a simple cradle and pulley protector only; no full engine/trans or distributor protectors. Fire wall can be cut for distributor cap. No excessive mounting that strengthens the car keep in reason. If using factory mounts you may chain motor in 1 piece per side bolted from motor to frame.

10. **Bumpers.** Any automotive (car) bumper of choice, No homemade bumpers, Bumper may be welded to bracket, then bracket welded to frame with no additional material. Bumper height between 18 & 22" top of bumper. If not using any of the factory hardware you may weld bumper directly to frame rails and metal of choosing only 6" on outside of frame.

11. **BODY.** Doors may be chained or welded. If welded you may weld 3" on 3" off max size of plates 3x3 1/4" thick on doors, trunk lid & tailgate. **No solid welding.** Drivers door may be solid welded, you may use 1/4" door plate or protective panel, cannot exceed 2" past on to fender, rear door or rear fender. 1/2" max, flat iron only. Tailgates must stay on wagons, trunk lid & speaker tray on sedans may be **dipped in center** must be **8" off trunk floor** & must have hole cut in center of lid for measurement & inspection, no wedge cars, **quarter panels must stay vertical**, you may radius fenders for tire clearance. Old body bolts may be replaced with new of the same size if bad. No oversizing of bolts you may use a bigger washer **keep in reason.** Quarter panels may be patched with same thickness of stick weld. Floor board pan may be patched with same thickness & stitch weld. You may rivet around pipes coming through hood.

12. **Cooling.** All cooling systems must be original equipment or less & must be located in the engine compartment under the hood. No antifreeze allowed. Radiators can be replaced with metal or aluminum of same size. No cooling systems fluids (motor oil, transmission or water) are permitted in the driver's compartment. Electric fans are permitted but steel fan blades are not permitted. Transmission cooler allowed inside but must be covered with rubber. Nothing homemade. Line must be steel braided & double clamped.

13. **Suspension.** Any factory 5 lug rear can be used leaf packs must be factory, max of 7 leafs per side, except 1971-1976 GM Wagon with 9 leaf springs per side, must be OEM. No leaf conversions, you can add 4 clamps per side, coil springs cars can weld 1 inch welds 4 max on each spring to hold spring in place. Suspension can be stiff but not solid.. Any type drive shaft can be used.

14. **Tires.** Any tire/tread. Studs are not permitted and no split rims. Wheel weights must be removed. Only air in tires. **No solid tires, or v treads allowed..** Valve stem protectors, weld in center allowed.

15. **Front. Hood must remain on car. Hood must be secured after inspection** max of 4 places sheet metal to sheet metal with small loop of chain or bolts with washers threw, Fenders allowed. Front fenders and hood may be tucked down to make up difference of front bumper placement.

16. There will be a 1 minute contact rule, if you do not make a competitive hit on another car in 1 minute, you will be disqualified. Only allowed 2 fires. The track or promoter reserves the right to approve or reject any and all entries.

17. If using a cage, must be 4-point, 3" diameter pipe or square tubing cage around driver, must be bolted in or welded with 1/4" plate, 3' wide, 10" long on each top corner where side meets front & rear bars to tie cage together.