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See you on the track!



*Any questions or comments,
please contact:*

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Demolition Derby Rules

www.listiegrove.net

Updated December 2020

(Note - All changes for 2021 & 2022 are in green)

Bud Weyand 814-444-2293
Adam Shaffer 814-701-8066

2021-2022

Demolition Derby

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 & register 1 hour prior to start time.
2. All rules will be enforced, follow them, or you will not participate
3. Any driver or pit crew member disobeying the rules, or acting in an unsportsmanlike manner will be disqualified & ask to leave event. May also result in being banned from future derbies as well. Nobody is allowed to ride in or on derby cars at any time.
4. All drivers are to obey track officials at all times.
5. **Any competitor under 18 must have special release form signed & returned 1 week prior to event.**
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. You have 2 chances to pass tech, if you don't pass the 2nd time, you will not run.**
8. **All drivers must attend the drivers meeting or you do not participate.**
9. Official's reserve the right to re-inspect any car at any time before, during, or after the event. Any cars due to receive prize money are subject to inspection before prize is paid out.
10. DOT helmets, seat belts, **neck brace**, eye protection, long sleeve shirt, pants, & boots must be worn at all times during competition.
11. Seat belt, driver door padding.
12. Must strip all cars of all glass (including windshield), bumper covers, nose piece, outside plastic, & all interior except dash removed.
13. 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 beforehand.
14. **All cars must have a roof sign with your number on in RED paint.**
15. No hitting on the driver's door. **Driver door must be painted white or fluorescent green.**
16. Vehicles must have dependable brakes at all times. A vehicle will be disqualified if driver's door comes open during heat.
17. A one-minute time limit is enforced by the track officials for restarts & making **aggressive** contact with another live car. This does NOT mean simply bumping. If you're hung up & making strong effort to get free, you may be given more time. If you're sandbagging, you may get less time. This is an officials decision.
18. There will be a 1 minute contact rule. If you don't make a competitive hit on another car in 1 minute, you will be disqualified. Only allowed 2 fires. Track or promoter reserves the right to approve or reject any and all entries.
19. **The car & driver that qualifies in heat must be same car & driver that runs in feature.**
20. **Any protest of a car must be done before show starts, not after the heat or feature.**
21. **If there's any plating, round, or square tubing found in or out of frame, it is an automatic load. You will not be given option to remove, you will not be issued a refund or registration fee.**
22. All rules subject to change, officials have FINAL say. If you feel it's a grey area, call & we can clarify. The officials decision is FINAL.

SCHEDULE

May 15, 2021

5:00 p.m.

Pit opens at 11:00 a.m.

Car inspection Noon—4:30 p.m.

Pit gate closes at 4:00 p.m.

Registration closes at 5:00 p.m.

October 09, 2021

5:00 p.m.

Pit opens at 11:00 a.m.

Car inspection 11:00 a.m. - 4:30 p.m.

Pit gate closes at 4:00 p.m.

Registration closes at 5:00 p.m.

Garden Tractors

Bone Stock Class

1. Any lawn or garden tractor.
2. Tractor will remain stock form factory unless addressed in the rules.
3. Absolutely No Welding anywhere on the tractor ! Except leg guards must run leg protectors. Leg guards cannot extend more than 3 inches in front of the front foot rest. 1/8" inch maximum material.
4. No back bars allowed. No hitting in rear.
5. No Bumpers.
6. Vertical shaft engine only. No old iron.
7. No pulley swaps.
8. Stock steering.
9. No modified spindles. Must remain stock to that motor.
10. Stock ignition. A push button and toggle switch may be used—if stock is damaged or unusable.
11. Exhaust must be straight up. Minimum 10 inch from the top of the hood. Maximum 15 inch.
12. No aftermarket engine.
13. Must run a metal hood and grill NO PLASTIC tin only. Can seam weld-er riveted or screwed together. No added reinforcement. Can run two 3/4 inch piece of all tread through the front frame up through the hood.
14. No engine brace or cradles. May run spark plug protector, but must only be connected to the engine.
15. Gas tank must be put in a safe spot and covered.
16. Battery must be put in a safe area and cover.
17. Tires and rims are to remain stock with no modifications.
 - A. 6 inch minimum on the front, 8 inch minimum on the bank. Tire may have tubes— air only. Valve stem protectors are allowed. No connected V bar tires allowed. Tires must hold air only.
 - B. NO CEMENT, WATER, FOAM OR ANY OTHER MATERIAL MAY BE USED . NO TIRE CHAINS.
18. Pre run or damaged tractors must meet the rules

23. Registration Closes at show time. There will not be EXCEPTIONS!
24. Pit gate closes one hour before show time. No EXCEPTIONS!
25. Car Inspection closes one half hour before show time. Must be in line to get tech before close time.
26. Drivers meeting will be 20 minute before show time. All drivers must attend or show will not start.
27. All car, trucks and Mini van ext. must have working front brakes.
28. Youth car can be run in 4 cylinder after being run in the youth class but must be tech again.
- 29 Small truck, (Ranger, S10, Dakota) SUV will be run with the Mini vans. Any 4x4 will remove one drive shaft.
30. FIGHTING ON THE TRACK, IN THE PITS AND IN STANDS WILL NOT BE TOLERATED. BOTH PARTIES WILL BE SUSPENDED ALL EVENTS OPERATED LISTIE VFC FOR A PERIOD OF ONE FULL YEARS.

Running

1. A working seat belt, helmet and eye protection, neck brace 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!

COMPACT CAR/MINI-VAN

4 CYLINDER/ V-6 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.
4. **Any Volvos will be run in the 6 cyl class, no exceptions.**
5. Vans are mini vans only, 4 cyl or 6 cyl FWD, any full-size vans will run in truck class.

Car Preparation

1. Battery must be moved to passenger side floor board & be in steel box or 3x3 angle framework, bolted through the floor w/zero movement & covered with rubber mat, **no self-tapping screws**. Battery cable must run over the dash, run in conduit and hood must be notched for them.
2. Doors & trunk lid can be chained, 9 wired or welded 4 spots per door, if welded, 4x4 plates 1/4" thick, 4 per door & trunk. If driver door is welded solid, use 1/4" door plate or protective panel. Can't exceed 2" past fender, rear door, or rear fender. Flat steel only.
3. Gas tank must be removed from under car. A 3-5 gallon metal, aluminum, or stainless fuel cell is mandatory with a max of 3 gallons of gas only. **NO factory fuel tanks are allowed to be used**. Fuel cell must be mounted on floor under seat bar or on a shelf off the seat bar. Fuel door must be welded shut or be taken off. Fuel pump must be on switch. **NO plastic tanks**. Fuel line must run inside of car and must run over dash, run in conduit and hood must be notch for them. No air line type hose allowed.
4. You must run a bar or pipe 4x4 max w/plate on end 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 2x2 max, no other window bars permitted.
5. Bumpers must be stock OEM. You may weld all mounting components & bumper to bracket & bracket to frame. If not using brackets, bumper may be hardnosed, use a 5x5, 1/4" plate welded to end of frame. Frame rails may be shortened, must be no farther back than front of core support. **No extra material in frame, it will be checked or drilled! Body mounts between body & sub/k frame must remain stock, no altering or changing bolts & factory mounts**. 4x4x1/4 Square tubing is permitted for bumper with no end cap Can use 5x5x1/4 plates for mounting. Bumper may be chain or 9 wire, 2 links on top and 2 links on bottom of frame. Must have slack in it.
6. Hood must be open for inspection, & secured after in max of 4 spots w/chain or bolts w/nut & washer, **no all-tread from frame**. Must have a 12x12 hole cut in hood in case of fires. Hood over hang maybe folded down or cut off. Trunk lids may be tucked in 1/2, folded downward
7. All cooling systems must be original equipment or less & located under the hood only. Radiators are water only, no antifreeze. Air condition equipment must be drained & removed.
8. May run any tire **except** AG V treads & tractor tires, 16" tire max. only air in tires, no studs. Factory OEM wheels only, you may run weld in centers & a simple weld on bead protector, not overlapping edge of rim onto tire in any way. **Rims with no tires must be OEM car rim**.
9. Any added metal, extra welding, or modifications will lead to disqualification. **No wedge cars and no pre-bending in rear trunk area. Absolutely no body ceasing, 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

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.

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.

27. If it's not in the rules, and you think it's a gray area, just call, we will clarify it for you.

***** 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 2021-2022 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. Gas or diesel, no alcohol.
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.**

LARGE CAR

V-8 RULES

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. **Driver door must be painted white or fluorescent green.**
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 or 3x3 angled frame, bolted through floor, no self-tapping screws, & covered with a rubber mat. **Battery cable must run over dash, run in conduit with hood notched for them.**
3. **Fuel.** Metal boat tank or metal, aluminum, or stainless fuel cell may be used. Fuel tank must have a shut off valve & be relocated to back seat area and properly secured, or may be mounted on a shelf off the back set bar. Max of 10 gallons of fuel, may use a gas tank protector welded off seat bar only, no down legs, nothing excess. **NO FACTORY OR PLASTIC FUEL TANKS**, the tanks must have a fuel line type fitting and use a good quality fuel line and double clamped & secured in car, not free floating. **Must be ran in passenger compartment and over the dash, run in conduit with hood notched out No air line hose is permitted & must have a fuel pump switch if using electric pump.**
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 seat bar, MANDATORY**, if dash is removed, you must have a dash bar or (4-point cage), **must be welded** into place no bigger than 4 inches in diameter seat bar can be offset back to accommodate room for seat and driver. No down legs. **You may use steering column, gas / brake pedal, seat, shifter and ignition of your choice.**
7. **Windows.** 1 or 2 windshield bar) 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 speaker deck area by 2" in. x 1/4 round, square, or flat welded in place. No other window bars or chains permitted. **If window bar on trunk lid bar will be cut and remove.**

8. **FRAME.** Must match make of car. 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, repair can be butt fit, no overlap welded on. **Frame may be shortened no farther back than front of core support.** 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. Mounts may be welded in. **Any type drive shaft (sliders shafts) can be used.**

10. **Bumpers.** Any automotive (car) bumper of choice, bumpers may be seamed welded with no added metal. Must have inspection hole on each side. No homemade bumpers, Bumper may be welded to bracket, then bracket welded to frame with no additional material. Bumper height must be 22" or less to bottom of front bumper. **If not using any of the factory hardware you may weld bumper directly to end frame rails (hard-nosed) using a 6x6 plate 1/4" thick & may used added metal of choosing 3x3 max square, round or flat only 8" back the frame from the 6x6 plate, can be welded on outside of frame only not top or bottom (nothing allowed in frame).** 4x4x1/4 square tubing is allowed with 6x6x1/4 plates for mounting to frame. Ends of tubing must remain open. SMW bumper will be allowed. Bumper may be chained or 9wire with 2 links on top and 2 links on bottom welded to the frame. Must have slack in it. No bumper mounts can not be welded in side of frame rails. **Call if don't understand.**

11. **BODY.** Doors may be chained, 9 wired or welded. If welded you may weld 4" on 3" off max size of plates 4x4 1/4" thick on doors, trunk lid & tailgate. **No solid welding.** If drivers door is solid welded, you may use 1/4" door plate or protective panel, cannot exceed 3" past on to fender, rear door or rear fender. 1/4" max, flat steel 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, trunk lids can be tucked in half, no wedge cars, **quarter panels must stay vertical, no body creasing,** you may radius fenders for tire clearance. All body bolts & rubber mounts, (may use hockey pucks) may be replaced with new of the same size if bad. No oversizing of bolts you may use a bigger washer **keep in reason. Must maintain the factory spacing or 1" spacer in place of factory rubber mounts if replaced.** Floor board pan may be patched with same thickness of metal if rusted out. You may bolt hood 16 bolts max 3/8 around headers coming through hood.

7. **Hitches.** All trailer hitches and tire hangers must be removed.

8. **Tires.** Any tire can be used except for AG V-treads and tractor tires. 16" max. OEM wheels only, valve stem protectors, weld in centers and weld on bead protector not overlapping onto tire are allowed.

9. **Hood.** Must remain on car. Hood must be secured after inspection Hood must have a 12"x12" hole in center. Max of 4 places sheet metal to sheet metal with small loop of chain or bolts with washers thru fenders all thread from frame through hood allowed. Core support only counts as 2 hood hold downs. Front fenders and hood may be tucked down to make up difference of front bumper placement.

10. **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 or 3x3 angled frame, bolted through floor, no self-tapping screws, & covered with a rubber mat. **Battery cable must run over dash in conduit with hood notch for them.**

11. **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. Driver door must be painted white or fluorescent green.

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 securely mounted.. Nothing homemade. Line must be steel braided or hydraulic & double clamped

13. **Interior.** You must have a seat bar, MANDATORY, if dash is removed, you must have a dash bar or (4-point cage), must be welded into place no bigger than 4 inches in diameter seat bar can be offset back to accommodate room for seat and driver. No down legs. You may use steering column, gas / brake pedal, seat, shifter and ignition of your choice.

14. **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. Mounts may be welded in.

15. **Driveline.** If vehicle is 4x4 drive one driveshaft must be removed. Any type of driveshaft can be used. (slider shafts)

16. ALL GENERAL RULES APPLY.

Trucks

Types of Truck

1. Any 1/2 and 3/4 trucks, vans, suburban's, full size Broncos, and full size Blazers

Trucks Preparation

1. **Bed.** May be welded to cab in 2 spots each side. The top of bed can be welded to cab 5"x5" plate 2 spots must be 5' apart in between plates. Tail-gate may be welded solid down both sides. No welding or added metal to floor area or bed side. May use one 3/4 bolt above axle area to connect bed side to floor, one per bed side with 5"x%" plate as washer on each of bed. This bolt can only connect bed side to floor cannot go through frame. Bed bolts may be changed to 3/4" with a 5"x5"x1/4" plate on the top. Plate cannot be welded to the floor.
2. **Fiberglass top.** All fiberglass top must be removed before entry grounds. If still on when entering ground it will be removed. Owner must take it with them at the end of the show.
3. **Suspension.** No lift kits allowed. Must have 2" of travel up and down. No solid suspension. Kits allowed. Suspension must be OEM for said make.
5. **Gas Tank.** OEM gas tank must be removed. Metal boat tank or aluminum, or stainless fuel cell may be used. Fuel tank must have shut off valve and be relocated. Tank may be secured in front center of bed or behind seat bar in cab. May have a tank protector if mounted in front center of bed. Tank must be bolted through the floor of the bed or cab. Tank may be on a shelf off the seat bar. NO FACTORY OR PLASTIC FUEL TANKS. Max of 10 gallons of gas in the tank. All fuel line must run over dash in conduit with hood notch out for them. Fuel line type fitting and use a good quality fuel line and double clamped and secured. No air line type hose allowed. Must have a fuel pump switch.
6. **Bumper.** Any Truck or OEM car bumper. No loading or adding metal. Chrome may be welded down solid. If not using any of the factory hardware you may weld bumper directly to end frame rails (hard-nosed) using a 6x6 plate 1/4" thick & may use added metal of choosing 3x3 max square, round or flat only 8" back the frame from the 6x6 plate, can be welded on outside of frame only not top or bottom (nothing allowed in frame). 4x4x1/4 square tubing is allowed with 6x6x1/4 plates for mounting to frame. Ends of tubing must remain open. SMW bumper will be allowed. Bumper may be chained or 9wire with 2 links on top and 2 links on bottom welded to the frame. Must have slack in it. No bumper mounts can not be welded in side of frame rails.

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 securely mounted. Nothing homemade. Line must be steel braided or hydraulic & double clamped.

13. **Suspension.** Any factory 5 lug rear can be used. Leaf packs must be factory, max of 7 leaves 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. Suspensions must have 2" of travel, up and down. No solid suspensions. Any type drive shaft (slider shafts) can be used.

14. **Tires.** Any tire can be used except for AG V-treads and tractor tires. 16" max. OEM wheels only, valve stem protectors, weld in centers and weld on bead protector not overlapping onto tire are allowed.

15. **Front. Hood must remain on car. Hood must be secured after inspection.** Hood must have a 12"x12" hole in center. Max of 4 places sheet metal to sheet metal with small loop of chain or bolts with washers through fenders all thread from frame through hood allowed. Core support only counts as 2 hood hold downs. Front fenders and hood may be tucked down to make up difference of front bumper placement.

16. IF RUNNING ALCOHOL, MUST HAVE FULL FIRE SUIT AND SHOES. HOOD MUST BE PAINTED BRIGHT YELLOW.

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.

Youth Compact

Ages 12 — 16

Type of Cars

1. May use any 4 acyl car with 105" wheelbase or less, FWD or RWD
2. **No Volvos are Allowed.**
3. Wheel base will be measured , no engine swaps, AWD cars must remove one drives shaft
4. **Parent or Adult must ride with the driver. This is for instructional purposes.**
5. **Minor Release Form and pre-registered must be return to LVFC one week prior to derby date.**
6. **Both driver and passenger must wear Helmet, Eye Protection, Long Sleeve, Pants, Neck Brace, Gloves, And Leather Shoes.**
7. **Seatbelts are mandatory.**
8. **All Cars must have roof sign with number.**

Car Preparation

1. **Battery** Must be moved to passenger side floor board & be in steel box or 3x3 angle framework, bolted through the floor w/zero movement & covered with rubber mat, **no self-tapping screws** Battery cable must run over the dash, run in conduit with hood must have a notch for them.
2. **Doors.** Can be chained, 9 wired or welded 4 spots per door, if welded, 4x4 plates 1/4" thick, 4 per door & trunk. If driver door is welded solid, use 1/4" door plate or protective panel. Can't exceed 2" past fender, rear door, or rear fender. Flat steel only. Passenger door can be welded solid. **BOTH DRIVER AND PASSANGER DOORS WILL BE PAINTED FLUORESCENT ORANGE!**
3. **Gas tank** Must be removed from under car. A 3-5 gallon metal, aluminum, or stainless fuel cell mandatory with a max of 3 gallons of gas only. **NO factory fuel tanks are allowed to be used.** Fuel cell must be mounted on floor under seat bar or on a shelf off the seat bar. Or in rear set area, properly secured with zero movement. Fuel door must be welded shut or be taken off. Fuel pump must be on switch. **NO plastic tanks.** Fuel line must run inside of car and must run over dash in conduit and hood must be notch for them.. No air line hose allowed
4. **Set Bar.** You must run a bar or pipe 4x4 max w/plate on end welded into place behind seat from door post to post. May be set back 6'for room for passage. You may run a windshield bar or chain in center only welded or bolted in for safety purposes, only 2x2 max, no other window bars permitted. Rear window bar is not allowed.

5. Hood & Trunk Lid. Must be open for inspection, & secured after in max of 4 spots w/chain or bolts w/nut & washer, **no all-tread from frame.** Must have a 12x12 hole cut in hood in case of fires. Hood over hang maybe folded down or cut off. Trunk lids may be tucked in 1/2, folded downward

6. Bumpers. Must be stock bumper that came with the car. **Changing of bumper is not permitted.** You may weld all mounting components and bumper to bracket. Bumpers may be hardnosed with no added metal. No pipe in frame,. Must have inspection hole in each side. No shortening of frame allowed

7. Cooling systems. Must be original equipment or less & located under the hood only. Radiators are water only, no antifreeze. Air condition equipment must be drained & removed

8. Tires. May run any tire **except** AG V treads & tractor tires, 16" tire max. only air in tires, no studs. Factory OEM wheels only, you may run weld in centers & anon split rims, no bead protectors not overlapping edge of rim onto tire in any way . **Rims with no tires must be OEM car rim.**

9. Body. Any added metal, extra welding, or modifications will lead to disqualification. **No wedge cars and no pre-bending in rear trunk area. Absolutely no body ceasing, no exceptions, you will not run.**

10. Cage. 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

11. Engine. 4 Cylinder only. Engine must be for said make and model. No engine cradles allowed. Motor mounts must be factory. Carb conversion kits are allowed. Headers are permitted. No header protectors allowed Headers must point straight up in the air..

12. Brakes. Cars must have working brakes if not will not run.

13. All general rules apply