

## **2024 Limited Weld Fullsize Demo Rules**

THERE'S BEEN CHANGES TO SOME AREAS OF THE RULES SO PLEASE READ THEM ESPECIALLY FRAME SECTION AND HYDRO STEER MOUNTING. WE WILL BE STRICTLY ENFORCING THESE AREAS. THE CHANGES ARE CONFORM WITH SOME MORE RULE SETS IN THE AREA AND GIVE ENOUGH OPTIONS FOR PLATE ALLOWANCE SHOULDN'T BE ANY PUSHING OF THE RULES!!

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND OR REGULATIONS. They 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, or official.

The race director shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS. Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final.

These are guidelines to follow. We will use our experience and discretion to keep all cars on a level playing field. Not everybody builds the same but any deliberate breaking of rules or pushing of the rules will just get your car inspected harder!!

Everybody needs to read and RE-READ these rules.

You're allowed only 2 passes through inspection line to correct your car to these rules.

If you are found to be too built for these rules, you will be given 2 options.

A. CUT OR REMOVE ILLEGAL PARTS.

B. LOAD ON TRAILER AND GO HOME.

Either way you will NOT RECEIVE A REFUND.

C. Photos of repairs or what you are asking do help. Don't try and word questions to find a grey area or manipulate the rules. If we don't like it we will make you cut it

All rules questions please call or text

Jeremy Gutzmer 815-291-4332

ALL JUDGES DECISIONS ARE FINAL!!!

Please read carefully. If car does not pass inspection or driver is unwilling to change car to pass inspection, absolutely no refunds!!! All rules will be followed or you will not run! If it does not say it in the rules – don't just assume you can do it. CALL FIRST!!!!

## GENERAL

1. NO REFUNDS WILL BE MADE DUE TO FAILURE TO MEET REGULATIONS!

2. Top five in feature must actively compete at end, no driving yourself on barriers or dirt berms. Failure to comply could result in complete restart with all feature qualifiers actively competing again or disqualification.

3. No reinforcements allowed other than specified in these rules. Any metal added to reinforce the car is illegal. You will only be allowed 2 trips thru the inspection line.

4. NO PAINTING, UNDERCOATING, OILING OR GREASING OF FRAMES. YOU WILL NOT BE INSPECTED. THIS INCLUDES PAINTING OF THE FRAME FLAT BLACK.

5. NO HITTING IN DRIVERS DOOR, but no using driver door as a shield. If the hit is deemed by the official to be careless or intentional, you will be disqualified. If you use your driver's door as a defense, we will not enforce the rules. If you use the door as a defense repeatedly you will be disqualified. This will be at the judges' discretion.

6. NO hot-rodding in the pits! Keep it at an idle.

7. Any open door or second fire will cause disqualification. If in a heat, you may fix it and come back in the consolation. In the feature, you will be disqualified.

8. You must make AGGRESSIVE contact every 60 seconds.

9. Sandbagging is not tolerated and will be strictly enforced. Locking up the brakes prior to a hit for anything other than a driver's door will be cause for disqualification. The fans pay to see a show, put one on for them!

10. IF YOU THINK SOMEONE IS SANDBAGGING, HIT THEIR CAR WITH YOUR CAR ON THE TRACK.

11. Winning cars plus three out of the money must remain on track until released by officials, or will not be paid prize money. Cars are subject to re-inspection before any prize money is handed out. Cars found illegal will be stripped of all prize money for that event.

12. Any questions or controversies will be discussed at the drivers meeting

13. YOU MUST HAVE AT LEAST A 12" X 12" ROOF SIGN WITH YOUR CAR NUMBER ON IT.

14. All drivers must pick up trophies and earnings at the completion of the event, or forfeit. They will not be available after that date.

15. All persons MUST sign entry form, insurance waiver, release form, pay entry fees, and purchase pit pass before entering pit area.

16. They will be serving alcoholic beverages on site so please no carry ins. Please support the fair by purchasing them there. With that being said please be responsible. Prefer drivers not to drink until after the event. Being disorderly and belligerent will not be tolerated and those parties who are we be asked to leave with no refund.

17. No harassing of the judges will be allowed at any time by drivers, passengers, crewmembers or spectators. Failure to abide by this rule, the driver will forfeit all money and all involved will be escorted from premises.

18. Registration forms will be filled out the day of the event. All drivers must be at least 16 years of age; drivers 16 and 17 must have a parent or legal guardian sign a minor release form

19. All drivers must wear approved helmets, eye protection either safety glasses or visor on helmet, long pants, and long sleeve shirt preferably . Also all drivers and riders must wear working seat belts

20. - Drivers must remain in the vehicle with helmet, seatbelt and eye protection on until notified by an official that it is safe to exit the vehicle.

21. A driver that receives a black flag for an intentional door hit will be disqualified from all competition for that night. A driver that receives a black flag for sandbagging or 1 fire in the interior of the car will be disqualified. 2 fires on the exterior will be disqualified, if in heat you may go to consolation. This will be at the judges' discretion.

22. All drivers must attend drivers' meeting prior to derby

23. All cars must be removed from derby site by 12:00 noon the following day unless otherwise stated at drivers meeting. Failure to do this will result in cars being removed by and becoming property of Fair Board.

24. DO NOT READ ANYTHING INTO THESE RULES, JUST READ THE RULES!! If it doesn't say you can, YOU CAN'T

### **Build Rules**

1. DO NOT READ ANYTHING INTO THESE RULES, JUST READ THE RULES!! If it doesn't say you can, YOU CAN'T! Or you will be loaded, your choice!
2. Dark cars must have contrasting letter/numbers. DO NOT paint anywhere on suspension or frame; we will not even inspect your car.
3. Any year car EXCEPT Full Frame Imperials, El camino, ambulances, Hearses or convertibles
4. Body components must be direct bolt up only. Must be factory hardware
5. Remove all glass mirrors and plastic. Remove all decking in wagons
6. Vehicles must be swept clean of all debris
7. No wedge trunks, protruding frame rails, no frame shaping, forming or folding. Only frame shaping allowed is above rear frame arches
8. - Front Windshield Bar is MANDATORY and is limited to two 2" wide x 1/4" thick straps or two 3/8" chains or two strands of 9 wire. May be welded or bolted or both. 6 inches on roof and 6 inches on firewall for attachment.
- 9.- Can hardline or beat exterior body panels.
10. Unlimited 9 wire

### **HOOD**

MUST BE OPEN AT INSPECTION! So don't come to inspection line with hood bolted down....  
Allowed 6 places to hold down hood

1. Can replace front 2 body mounts with 2-1" all thread through the hood, with 4" washers. No sleeving threaded rod
- A. Can have up to a 6" or less spacer between core support and frame. Can be welded to frame or sheet metal not both. Spacer must stop at the bottom side of core support 6" max means no larger than a 6" space between the support and frame. 3"x3" od max. So don't come through

with a 6" spacer and a threaded rod cranked up to create a larger space. Threaded rod must go through factory mount hole. Not welded to side of frame.

2. Other 4 spots being 2"x2" angel iron 4" long 1/4" thick back to back 2 on each side of hood, with two 1/2" bolts in each or not both or up to 3/4 threaded rods attached to sheet metal only or unlimited 9 wire

3. Hood must be 100% in stock location and open for inspection.

4. Anything can be removed or cut away but NOTHING can be added

5. Hood must have two (2) holes, at least SIX (6) inches in diameter on each side of carburetor – Not directly on top of carburetor. 6 -3/8 bolts max can used to bolt each cut out.

6. IF HOOD IS REMOVED, EITHER FAN BLADE MUST BE REMOVED OR FAN BELT MUST BE CUT.

## **TRUNK**

1. Can replace any 2 of the 4 rear body mounts with up to 1" all thread through the trunk lid with 4" washers. Bottom nut and washer must be inside of the frame, or welded to side of frame only 4" weld total. If you weld to frame you can only change body bolts to stock size

2. Plus ( 4) 2"x2" angel iron 4" long 1/4" thick back to back, with two 1/2" bolts in each or unlimited 9 wire or 5" on 5" off plates on seams.

3. Can beat trunk lid and rear quarters but quarter panels must remain vertical. You can cut quarter panels and fold them but still must be atleast 50% vertical can remove speaker deck. Don't slide trunk lid forward in doing so!!

Do not make the trunk a wedge or ramp for other cars to drive on you may tuck or sedagon wagon roofs down but must be able to visibly see there's no added plate or hidden reinforcement. No threaded rod through wagon roof 9 wire only

4. Anything can be removed or cut away but NOTHING can be added

WAGON TAILGATE: 9 wire only

## **DOORS**

1. Drivers door may be welded solid. You may weld outside only. You may use 3 x 1/8" straps. All other doors 5 on and 5 off

You may also plate outside of drivers door with up to a 1/4 plate for drivers protection

Passenger door car have 1/4 plate also for protection but must be welded 5" on 5" off

## **FRAMES**

1. NO welding on frames allowed except whats stated below. Once again this will be strictly enforced.

2. All cars allowed 4 patch plates max. Size 6"x4"x1/4". Must be painted a bright color. So it is easily noticed for the inspectors. No cutting plates down to gain extra area to plate. These will be strictly enforced!! AFTER INSPECTION OR HEATS NO WELDING THESE PLATES ON. IF ADDITIONAL PLATES ARE FOUND AFTER INSPECTION – NO MONEY WILL PAID OUT.

2a. You will be allowed to choose one of the three option below for frame plating in addition to the 4 4x6 plates from above. Metric Gm can have two of the options to even the build out.

### **Options**

14inch long 4 inch wide 1/4 inch max thickness front bumper plate butted to back of front bumper back to frame. Can be on any side of the frame. 1 plate per side (meaning one on drivers side and one on passenger side)

or

14inch long 4 inch wide 1/4 inch max rear hump plate. Must be on outside if frame and can contour or run straight across hump. Must be centered in arch. No welding it to rearend.

or

4-4inch by 6 inch 1/4 inch thick plates same rules are applied to these as the 4 other plates allowed to start with on frame. Cut, Bend or fold them but cant be manipulated to cover more than the 4x6

These rules will be strictly followed. If you have more plate than this you will have to cut the excess off or watch from sideline!!

3.If changing front stub, cut 3 inches behind second cross member bolt hole. When replacing, can overlap 2 1/2", able to weld both sides, but no adding extra metal. Must be of the same make and model.

If restubbing one side of the frame, you are allowed to cut and fit the new frame flush and weld one pass all the way around (butt – fit – weld). Must be of the same make and model. Meaning no hybrid frames... Example old iron caddy stub on wagon, caddy stub on Chevy impala if you're not sure if you can chances are you can't or ask before you do it!!

4. Can beat rear frame arches however far in you want 12" either way from middle of arch. If you rip or tear frame you cannot fix it by welding it.

5. Top seam A arms forward can be welded 1/2" wide bead max

6. Front frame can be cut flush with the core support mounting hole. Front!! Not middle, back 1/4 or 3/4 Don't cut or relocate this mount.

7. You get 12" of weld to reweld seams behind the a arms each side. This is to help fix welds missed by the factory or help on pre rans. Yes you can use the 12" behind a arms to pitch front of your car. We will be strict on the 12" rule and if we feel this rule is being taken advantage of we will remove it for next year.

## **BODYMOUNTS**

1. Body mounts and spacers to remain in place. You may replace stock bolts with 1/2 size bolt. Chrysler may use stock size equivalent. Must be a 3/4" space between body and frame. Can be a metal or rubber spacer. Do not weld spacers to body or frame. If changed/replaced you must cut away the factory sheet metal for inspection and use a 3"x3"1/4" washer top and bottom. Must be inside of frame. Not on bottom

## **SUSPENSION**

1. All front suspension must remain stock car type product. ZERO aftermarket parts no Chevy truck lift spindles. What you can do is mentioned below!!

2. Rear control arms may be changed Arms may be reinforced or be homemade no larger than a 2x3 inch equivalent. If you are unsure about his ask before you do it!! Hate to load somebody because they assumed!!

3. You may use two 2" wide 1/4 thick straps to weld either upper or lower a arms to frame to gain height. Only 2" allowed to be welded to a arm and frame. Do not extend them out farther than the a arm zone. If we feel your trying to gain a advantage by welding them farther onto the frame you will cut them and use working suspension. You may also use up to 3/8 chain or 3/4 treaded rod to hold suspension. We feel it's overboard you will cut it

4. You may have a double strand #9 wire or 3/8" chain or smaller to hold rear end in place. Can use front coils springs in rear of coil cars. leaf sprung cars may use 4 leaf spring clamps 2" wide using up to 1/2 bolts. Two bolt per clamp

A. Leaf springs to have stock stager and thickness. 7 leafs max in stack. No converting coils to leafs and vice versa

5. You may run a 3/8 chain max behind the rear wheels from frame to frame. No extra mounting component can be used to mount this. Just wrap around frame and bolt or run bolt through inside of frame. Do not create a pin when doing this.

6. Factory or aftermarket steering column ok

7. If you're running a 03 or newer. You may make a steel cradle that uses existing bolt holes that sit on top of original aluminum cradle. Made with up to 1/4" material max. Or may take a older cradle out of pre 02 ford and make it so it bolts with factory bolts as well. You can make a upper and lower control arm mount to mount older style control arms. You may make a spring bucket to hold springs in place 1/4 material. nothing farther than 1" past the existing mounting holes. Don't plug weld the cradle or mounting pieces to frame or you will cut!! All piece must be separate and not welded to each other. If there's heat marks from being welded it's a instant load no fixing!!

7a. Can install older style steering box and steering components. Must be bolted in a stock manner no welding them on. You may sleeve the bolts. Stock size bolts only!! Like everything else anything overboard will be cut or you won't run!! Can also have a hydro steer setup

7b. You may have a 3" wide 1/4 plate or 3x3 angle iron between front frame rail on 03s for lower radiator support. It can only be held on with 4 one inch welds total. Or you can install a older core support from a pre 03. Don't show up with a big piece of square tubing welded between rails. You will cut it!!

8. Aftermarket or homemade tie rods allowed. You are allowed any type oem ball joint. Example using older Chrysler screw in ball joint or aftermarket ball joint that bolts in factory way. Example joker type ball joints

9. You can have a aftermarket steering box or hydro steering setup. Don't mount these in anyway to reinforce the frame.

9a. Hydro steer mounting plate can be a flat plate or angle iron no longer then the main cylinder. 1/4 max thickness. It can get mounted by bolting it with 4 1/2 inch max bolts or a total of 8 inches of weld. You may not encase the cylinder. If you choose this option you know the risk you're taking with it. To many people abused the mounting of the cylinders so this is what you are allowed now!!

## **DRIVETRAIN**



1. ANY drivetrain allowed with the following criteria.

2. You may swap engines, i.e... Chevy in a Ford. Factory location only

A. ANY ENGINE OR TRANSMISSION MAY BE USED IN ANY CAR, BUT MUST BE MOUNTED IN A STOCK POSITION. ON A V-BLOCK MOTOR, FRONT SPARK PLUGS MUST BE EVEN OR IN FRONT OF UPPER BALL JOINT; ON IN-LINE MOTORS, NUMBER TWO (2) SPARK PLUG MUST BE EVEN OR IN FRONT OF UPPER BALL JOINT.

3. You may have a basic lower engine cradle with front plate to save on engine block abuse. You may use a aftermarket mount. If you have pulley protector must remove sway bar.

4. Only the engine mounts may be welded to cradle only. You may use two 1/2" thick 4x4 spacers to raise engine from steering components. Have up to a 3/8 chain to help hold engine in place with only one link welded or bolted to engine crossmember.

5. Transmissions may have an aftermarket bell housing, steel or aluminum, may have steel tailshafts but have to use rubber mount stock mounting only. Cannot bolt it directly to crossmember. stock cross members only or you may use a 2"x 2"x 1/4" with 3x3 angle iron 6" long welded only to inside frame rail to mount your stock cross member I.E. CHEVY DRIVE LINE IN A FORD. No other welding. Can use #9 wire or 3/8" chain or smaller to wrap around tailshaft and stock cross member

If you have a stock trans you can have a skeleton type brace to help from breaking bell housing

6. Any passenger type or 8 lug truck rearend is allowed. Bracing of rearend is ok but can not be used as reinforcement or kicker in rear frame area. Can use up to 1" threaded rod in spring cup or shock mount to help aid in ride height. But don't put a nut, plate or weld on rod to hold up frame. If downforce is applied it must be able to move.

A. Can use aftermarket kit to change a watts style to 4 link setup. Lower mount bracket can only be up to a 3"x4" square tube or less to mount. Or use a older style mount with minimal welding to mount. No overly large watts brackets allowed and do not touch frame humps with them. Can load trailing arms or have built set but nothing more than 2x2 tube and the arms must be workable. No welding them solid to frame or rearend!! Anything here we feel is to much will be cut!!

7. Aftermarket Floor shifters, headers, gas and brake pedals and transmission coolers allowed. No engine oil coolers

8. -No radiator protectors. Factory condensers only up front or you can have up to a 1/4 plate or mesh material bolted with 4 3/8 bolts or 4 1" welds. It can only be 1" bigger than stock area.

A. May have two up to 1/2 threaded rods behind radiator to help keep in place.

9.No radibarrels!!

### **CAGE AND HALO BAR:**

1. You must have a 4 point cage. Two cross bars, one in dash area, and one behind driver's seat that must be no more than 18" from back of driver seat. Two side bars cannot go past dash bar or more than 18" behind driver seat. Must be 8" off floor. Get your tape measure out. If your more than 18" you will have to cut. 8" od side bar max 6" od dash and seat bar max.

A. May have 4 down drops to body or frame. Can't be any farther forward than the inside front door seam and no farther back than 10 inches behind door post. Top of frame only!! No wrapping frame with down drop. You break this rule they will be cut out no exceptions!!

2. Halo bar allowed must be straight up and down Attached to side or rear seat bar. Must be in the door area. Not through a extra rear window. Allowed two 6 inch long piece of 3 inch tube to extend off rollover bar.

3. Gas tank protector may be welded to back bar. Only 24" and can be mounted tight to back seat area. This bar must be at 8"off the floor, measured from bottom rear seat area and must stay inside of interior of rear driver's compartment. Don't mount gas tank to floor and protector. It's one or the other.

4.. Nothing may be mounted in a way that strengthens the car. No jungle gym type cages. Gussets are ok just don't go overboard!! If you go overboard you will be cutting. Do not tie gas tank protector into rollover bar. You will cut it if you do!!

### **Gas Tanks and Batteries**

1.Gas tank and batteries must be moved and secured. Tank behind the seat, Battery centered in the passenger front floor. 2 batteries max

2.NO PLASTIC TANKS, unless in a 1/4" metal box.mounted in center of the back side area.

A. Battery and gas tank must be tight when coming through inspection line or you won't be inspected.

### **BUMPERS:**

1. Any factory or homemade bumper allowed. No bumpers with a point more than a factory Chrysler v bumper. Any bumper with sharp points we feel is unsafe will be cut or you won't run no exceptions.

2. You may weld front and rear bumper straight to frame/hard nose no added metal. Bumper must be mounted in front of core support mount. If Core support mount is on top of bumper that means your frame is cut to short!!

3. You may weld stock bumper bracket (in factory location) to frame 4 inches from the back of bumper, , in addition you may put 4 one inch welds on back side of bumper bracket or to weld shock inside frame (example Crown Vics). If you're not using 14" front bumper bracket

4. If your car did not come with a shock (example 71 Chevy) you may use a 74-76 CHEVY CANS welded to factory specs OR BOP bracket bolted/ mounted in stock location with stock bolts. Don't put long bumper brackets on crown Vic's or rear bumper brackets on front of cars. This rule is only for cars that didn't come factory with a shock to reinforce the frame. If not using 14" front bumper bracket

5. You may weld 2 4x4 plates per side to help hold bumpers on. We don't want them on the track.

6.-Bumper height 24" max from bottom of bumper and 14" minimum from bottom of bumper

TIRES: Brakes MUST work.

1. Any tires are allowed black and round. Must be a rubber makeup not full steel up to 16"

2. All wheels can have multi centers installed. Beadlocks and rim guards allowed. Must be safe!! If we feel it's not you will remove them.

3. Valve stem protectors are allowed.

4. Liquid in tires is allowed. Studs and screws in rims to hold tires in place are allowed

### **ALL JUDGES DECISIONS ARE FINAL**

These are guidelines of what you are allowed to do in this class. Don't get carried away. If you have questions or think you might be doing something you're not supposed to do please call first!! Just because it may not say it in the rules doesn't mean you can do it!!