



2024 FULL SIZE & YOUTH FULL SIZE

80's METRIC WIRE CLASS RULES

HEAD TECH:

ADAM MCDERMAID – 435-590-8299

CHANCE BEGAY – 435-231-2804

*****FINAL INSPECTIONS CLOSE 1 HR BEFORE SHOW START TIME – NO EXCEPTIONS*****

*****PLEASE BE ON TIME*****

JUDGES/INSPECTORS DECISIONS ARE FINAL

- All drivers must sign driver's paperwork before being inspected or unloaded. **You cannot compete without it.**
- All drivers **must** attend the DRIVERS MEETING before competing. This is typically held approximately 30 minutes before show start time.
- No driver or pit crew member is permitted to use drugs or alcohol before competing. If you are caught drinking or intoxicated while inside the car at any time, you will be disqualified.
- There may be a post inspection of the top 3 cars after the event before any moneys are paid out.
- There will be a \$250 protest fee. Protest can be filed by any driver in the main event. That driver will have 10 minutes from the final red/checkered flag drop to file a protest with cash in hand. You will have one opportunity for the protest and must be specific as to exactly where you believe that car is not legal. If the car is found to be illegal after protest inspection, the driver that initiated the protest will receive his/her money back and the illegal car will be disqualified. If the protested car is found to be legal, the driver of the protested car will receive the \$250.
- If there are any complaints about how a car is built, these complaints must be brought up during the drivers meeting and must be specific as to the exact issue. If nothing is brought to the official's attention by the end of the drivers meeting, we will assume all drivers are good with all cars competing.
- **We reserve the right to re-inspect any car at any time before, during, and or after the event if necessary.**

ALWAYS CALL THE HEAD INSPECTORS BEFORE ASSUMING SOMETHING WILL PASS.

If you are found to be illegal - YOU WILL CUT OR YOU WILL NOT RUN

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SAFETY

- Driver's seat **MUST** be bolted or welded securely to the floorboard.
- You **MUST** have a roof sign. Minimum 15"x15".
- You **MUST** have a functioning seat belt! A single lap belt only is also ok.
- You **MUST** have a full faced helmet (designed for cars is recommended.)
- You **MUST** pad inside bars around driver.
- Gloves and eye protection are recommended.
- Fire extinguishers **ARE MANDATORY** for your pit stall, but they are optional inside the car. If it mounts inside the car, it **MUST** be securely mounted.

*****ON TRACK RULES*****

- You will have **90 SECONDS** to make an **AGGRESSIVE** hit. At the end of that time, you will be disqualified.
- Do not hit the driver's door intentionally! If the door hit is deemed to be intentional, you will be disqualified.
- You will be allowed 1 fire. If there is a second fire, you will be disqualified.
- If you get rolled over and judges deem your car safe to continue, you will be allowed to continue.
- **THERE WILL BE NO "PIN TO WIN"**. You **MUST** back up 10' or ½ a car length for an "aggressive hit". If the final 2 cars get "stuck" and cannot back up, the first and second place moneys will be added together and divided equally between those two drivers. You will flip a coin for the trophy.
- No "team driving". You will receive 1 verbal warning. If you continue to "team drive" both cars can be disqualified.

General Car Preparation:

- Any American made car built from **1980 and newer** can run.
- You may **NOT** run: 4x4's, ambulances, trucks or limousines. No fresh sedagons.
- **ENGINE SWAPS ARE ALLOWD, BUT...YOU MUST USE THE SAME OEM BRAND ENGINE, TRANSMISSION, DRIVELINE AND REAREND FOR YOUR MAKE OF CAR! (FORD TO FORD, CHEVROLET TO CHEVROLET, CHRYSTLER TO CHRYSTLER...ETC.) NO EXCEPTIONS!**
- **YOU MUST RUN THE STOCK, BRAKES AND STEERING COLUMN!**
- **YOU MAY USE A SINGLE "PUSH/PULL ROD STYLE" SHIFTER. 3/4" MAX ROD SIZE. (NO aftermarket cable style shifters allowed!)**
- **No** fresh paint or fresh undercoating on the frames at all.
- **No** buffing or grinding frames or bodies except where welding is specifically allowed in these rules.
- All cars **MUST** be stock, unless modification is stated in the rules.
- All glass, plastic, chrome, and interior **MUST** be removed from car before arriving to the derby.
- All trailer hitches and braces **MUST** be removed.

- You **MUST REMOVE** all airbags and airbag cylinders inside the car.
- Batteries **MUST** be moved to passenger front floorboard. They must be properly secured.
- You **MUST** have a number in bright colors on each front door.
- You **MUST** have a 15"x15" sign on the roof of your car with car number on it. **You cannot use the roof sign to strengthen the car.**
- All cars **MUST** have working brakes when you pull up for inspection. If the car is not able to exhibit the ability to stop it will **NOT** pass tech.
- **NO** welding other than what is mentioned in this set of rules. If your car is found with any weld, other than what is allowed, and you refuse to fix it to the judge's satisfaction, you and your car will not run!!

PRE-RAN CARS

- Pre-ran cars are allowed.
- You will be allowed 4 – 4"x6"x1/4" frame repair plates per frame rail. **YOU MUST GET APPROVAL FROM THE INSPECTORS AT THE DERBY **BEFORE** WELDING ON YOUR PLATES. THERE MUST BE OBVIOUS FRAME DAMAGE.**
- You can "prep" the frame for your plates ahead of time.
- If your pre-ran car already has 2 plates on it from a previous show, you must have written permission from our inspectors prior to inspection. **If you do not, you will cut out all plates and welds to pass tech. PLEASE CONTACT OUR TECH INSPECTORS WITH ANY QUESTIONS REGARDING FAME REPAIRS!!**
- **Both plates must have a 1/4" hole in them to determine thickness.**
- **NO OTHER WELDING REPAIRS CAN BE MADE!**

CAGE

- You **MUST** weld in a rear seat bar (mandatory) from driver's side to passenger side, behind seat.
- Seat bar **MUST** have a mounting plate on each end. 8"x8"x1/4" maximum size.
- Seat bar **MUST** be a minimum of 3" O.D.
- You may have a 4- bar cage. (dash bar, door bars, seat bar)
- You **MUST** have a single roll over bar with 4"x4"x1/8 end plates from floor to roof **OR** a 3 bar "halo".
- Halo bars may be installed inside or outside the roof.
- Rollover bar **MUST** run vertical. It may not be angled forward or backward.
- Rollover bar **MUST** be welded or bolted to your "backseat" bar or floor sheet metal.
- Rollover bar **MUST** also be welded or bolted to the roof sheet metal.
- You **MUST** have added driver's door protection. Added protection may not exceed 6" past front or rear door seam. (If your car carries a passenger, you may add protection to the exterior passenger side front door as well).
- You may use 12"x1/4" max plate or channel for driver's door protection, it must lay flat on the door.

- You will be allowed 2 down bars from the cage to the frame for drivers safety. 2"x2"x1/4" max size material. These bars must be located in the front corners of your cage, or the rear corners of your cage. They must be vertical. They may not be angled.
- You may use 6" minimum channel iron.
- **YOU MAY NOT USE GRADER BLADE!**
- Your door protection **MUST** be securely bolted or welded to outside of driver's door.

WHEELS/TIRES

- You **MUST** run stock OEM wheels.
- **NO** aftermarket wheels.
- Weld-in 8"x1/4" max wheel centers will be allowed.
- Minimal valve stem protection will be allowed.
- **NO** screws or bead-locks will be allowed.
- **NO** other welding on the wheels is allowed.
- Any air-filled tires will be allowed.
- **NO SOLID OR FOAM FILLED TIRES WILL BE ALLOWED.**

FUEL TANKS

- You may use an aftermarket or homemade fuel tank.
- You may reuse the stock gas tank, **IF** you can mount it safely and securely in the rear seat area.
- Aftermarket fuel tanks **MUST** be 10 gallons maximum.
- Fuel tank **MUST** be mounted on the rear floor area **OR** off of the back seat bar.
- The gas tank must be made of steel, stainless steel, or aluminum.
- You may **NOT** use a plastic fuel tank.
- You may run the **factory gas tank in the factory location** if it is mounted in front of the rear axle assembly.
- It is recommended that you have some sort of fuel tank protection if mounted inside the car (Please keep this to a minimum.) Any added protection **MUST** be a minimum of 4" from any body panel including the speaker deck.

DOORS

- You may weld a maximum of 8 - 2"x4" straps on each door.
- If you choose not to weld your doors, you **MUST** use 3/8" max chain or 3 - strands of #9 wire in 8 spots per door total.
- If using wire or chain, you may weld 1" max O.D. washers to body skin to pass wire thru.

HOOD, TRUNK & WINDOWS

- You **MUST** use 3/8" max chain or 3 - strands of #9 wire in 8 spots each in both hood and trunk.
- You may be asked to remove your hood during inspection.
- You **MUST** have a minimum of 1 – 15" or 2 – 10" holes in your hood for fire safety.
- Front windshield opening and rear window **MUST** have chain or #9 wire in **2 PLACES EACH**.
- You may **NOT** tuck the trunk.
- You **MUST** have a 12" hole cut in the trunk lid near the middle.
- You may completely remove the trunk lid.
- If you are using your trunk lid it **MUST** stay 100% in the stock location.
- You may not remove speaker deck.
- You may **NOT** "Dish" or "V" your truck more than 8" measured from top of rear quarters.

BODY

- **NO** body creasing or pre-bending.
- **ALL** body mounts, bolts and washers **MUST** remain factory stock in the factory stock locations.
- **IF** you have a rusted-out body bolt, you may use 3 strands of #9 wire to secure the body to the frame in that exact area.
- You may push back or cut out firewall to make room for distributor.

BUMPERS

- Any OEM passenger car bumper may be used.
- You may weld bumper chrome and backing support together.
- You may replace the stock front bumper with 1 - 5"x5"x 1/4" square or round tube.
- Both ends of tube bumper **MUST** be open.
- You may **NOT** add any other metal to either type of bumper.
- Tube bumper **MUST** not extend more than 8" outside of the exterior of the frame rails on both sides.
- Tube bumper **MUST** remain completely straight.
- Tube bumper may **NOT** have a point.
- Bumpers can be welded to the stock front shock plate or you may remove the stock bumper shock and exterior bracket completely and weld directly to front side of the frame rails.
- Stock bumper shocks and bumper brackets may be welded to the frame **NO MORE THAN 6" BEHIND BUMPER**.
- You may use 1 -6"x4"x1/4" plate welded to one side of each frame rail in place of any bumper brackets or bumper shocks.
- If you use the stock bumper, you may weld the bumper on the car in the same way with a single 3/8" weld bead.

- **NO FILLER OF ANY KIND MAY BE USED TO WELD ON YOUR BUMPER. ONLY A SINGLE 3/8" WELD.**
- **YOU ARE NOT ALLOWED ANY OTHER BUMPER OPTIONS. STOCK BUMPER THAT CAME ON THE YEAR, MAKE, & MODEL OF CAR YOU ARE RUNNING OR THE ABOVE 3" TUBE NO ADDED MATERIAL TO ATTACH BUMPERS!**
- Max front bumper height on new cars must be 22" or less measured from bottom most part of the bumper.
- Minimum rear bumper height must be 14" or more measured from bottom most part of the bumper.

FRAME

- **NO** frame welding of any kind other than what is mentioned above.
- You may notch the rear frame.
- You may **NOT** prebend the frame in any way.
- You may **NOT** attach your frame to cage or body in any way with wire, cable or chain (unless replacing a broken body bolt).
- **NO** tilting the frame
- ****FRAME REPAIR** YOU MAY USE 4 TOTAL FRAME REPAIR PLATES (6"X4"X1/4") AFTER YOUR HEAT. YOU MUST GET INSPECTORS APPROVAL **BEFORE** WELDING ON ANY REPAIR PLATES IN THE PITS.**

DRIVETRAIN

- **ENGINE SWAPS ARE ALLOWD, BUT...YOU MUST USE THE SAME OEM BRAND ENGINE, TRANSMISSION, AND REAREND FOR YOUR MAKE OF CAR! (FORD TO FORD, CHEVROLET TO CHEVROLET, CHRYSTLER TO CHRYSTLER...ETC.) NO EXCEPTIONS!**
- Any ignition system will be allowed.
- Any naturally aspirated fuel systems will be allowed.
- You **MUST** use a stock OEM transmission crossmember. It **MUST BE BOLTED IN. DO NOT** weld the crossmember in.
- **NO AFTERMARKET AXLES.**
- **NO** bracing may be welded to the rear axle housing.
- **NO** pinion brakes.
- **NO** aftermarket or cable style shifters.
- You may use a single rod style shifter. Max size 3/4" rod.
- **NO** aftermarket slider shafts.
- Engine **MUST** be mounted within 3" of original motor mount footprint.
- Radiator **MUST** remain in stock location.
- Aftermarket radiators are allowed.
- You may use a solid fan or an electric fan for radiator cooling.
- You may use weld in style motor mounts.
- **NO** engine cradles of any kind will be allowed.

- **NO** pully protectors will be allowed.
- Exhaust headers will be allowed.
- **NO** distributor protectors will be allowed.
- **NO** aftermarket bellhousings will be allowed.

STEERING & SUSPENSION

- All steering and suspension components **MUST** remain stock.
 - You may replace broken or worn parts with new OEM off the shelf parts.
 - You may use “twist-in” coil spring spacers for height.
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- These rules were written specifically to promote creativity and allow new and unconventional ideas pertaining to your build. Builders are encouraged to try new things, or old ideas that have been written out of the rules. There are “grey areas” left for this purpose. **GOOD LUCK TO ALL!!!**

You **MUST** be in the inspection line **no later than 5pm** for initial inspection. **NO EXCEPTIONS!** You must pass final inspection by 6pm. **NO EXCEPTIONS!** This will give drivers and builders 1 hour to make any repairs or alterations before the start of the show.