

2023 Built Mini Car Rules

Promoted by Twisted Metal Derbies

GENERAL

1. Cars can be powered by a 4 or 6 cylinder engine.
2. 108" FWD and 106" RWD Maximum wheelbase
3. No shortening of cars to achieve wheelbase limits.
4. No full frame cars.
5. Batteries must be located in passenger compartment. TWO Batteries are allowed.

BODY

1. NO AMC's, pacers, or gremlins
2. No body seams may be welded
3. No doubling of body panels allowed
4. Doors may be chained, wired or welded. 3" x 1/4" x 6" plates. 6 inches on 6 inches off.
5. You must have an 8"x 8" inspection hole in trunk lid.
6. Rust repair is limited to floor boards and roof only. Patch metal must be same thickness as floor board. 1" overlap to good metal outside of rust area stitch welded only. **DO NOT** abuse this rule or you will cut. **MUST HAVE PICTURES OF RUST REPAIR**
7. Front Windshield Bar is **MANDATORY!** It is limited to a 3" wide x 1/4" thick strap, a chain or a 9-wire loop.
8. Body creasing is ok
9. Window lips **CANNOT** be welded solid. 6" on 6" off only.

RADIATOR AND CORE SUPPORT

1. Radiator must stay in factory position
2. Any automotive type radiator **CAN BE** used. Aluminum Radiators are **LEGAL**.
3. **NO** Homemade Radiators Allowed.
4. **NO** Reserve Tanks and **NO** Added Cooling Capacity.

5. Two Electric Fan, mounted onto Radiator may be used.
6. Factory Core Support **MUST** be used. **NO** fabricated core supports! (If it is pre-ran and your core support got messed up, you can fix it with THIN and SMALL pieces of metal. It **MUST NOT** strengthen the front of the car at all, better safe than sorry, message one of us before you do it!)
7. **DO NOT** move the Core Support.
8. Factory condenser or 32" wide by 1/4" thick mesh may be used for a radiator protector.

HOOD

1. Hoods must have 2 holes, at least 4 inches in diameter on each side of the carburetor. If you have a hole for your headers that would work as well.
2. If you wish to run no hood, either the fan or the fan belt must be removed.
3. Hoods **MUST** open when you come through inspection.
4. Hoods may be secured by 2 pieces of all thread thru core support. 1" diameter max. All thread **CANNOT** be sleeved.

TRUNK

1. We must be able to see inside the trunk!
2. You may use 4 pieces of all thread to secure the trunk lid. All thread can go thru rear frame or be welded to side of frame. If going thru the frame the washers may be no larger than 3" in diameter. No sleeving all thread and no nuts directly under trunk lid.
3. Trunk Lid **MUST** remain on hinges.
4. The trunk lid may be v'd in the center, **BUT QUARTER PANELS MUST REMAIN STANDING. (THIS IS TO GAIN VISION NOT BUILDING A TRUNK)**
5. You can have 4 pieces of #9 wire from trunk to rear bumper.
6. Trunk can be welded down with 3" by 1/8" thick strapping 6" on 6" off.

CAGE

1. All cars **MUST** have a cage and roll over bar. 4" pipe or 4" x 4" square tubing **MAX. THIS IS FOR DRIVER SAFETY NOT TO STRENGTHEN THE CAR.**
2. A 4-point cage is **REQUIRED** and limited to 4 points only. The cage must have a dash bar that is at least 4" from the firewall, must have a bar behind the driver's seat no more

than 12" away from it. You must have 2 side bars and they must not be farther than the rear wheel humps and must not extend past your dash bar. The door bars must not be welded to the rear humps. No down bars!

3. Roll over bar cannot be more than 12" behind driver's seat. It may be welded to rear sheet metal; you may use a 6" x 6" plate $\frac{1}{4}$ " thick to aid in attaching bar. It can be welded or bolted to the roof, roll over bar cannot run thru to the frame! This is for your safety NOT to strengthen the car.
4. The cage can be welded to sheet metal only. You can have up to 4 down posts, 2 per side. You must have a dash bar, a bar behind your seat and a door bar on each side. Nothing can be ran between the rear wheel humps or welded to the humps.
5. Gas Tank Protector is allowed, 24" wide and 3" off of the speaker deck. **MAX 6" gusset from rear seat bar only. DO NOT connect side bars to gas tank protector.**

FRAME

1. No welding, plating or reinforcing of the frame anywhere on it.
2. **ALL** factory frame holes must be left open, no bolts in them.
3. You can shorten front frame only to aid in mounting front bumper. (No shortening beyond core support)
4. You **CANNOT** "stub" or shorten front or rear of car body or frame.
5. K-Members can be bolted in with 1" allthread. **NO WELDING...YOU WILL CUT!**
6. If plates are used on frame, they must be external and only on pre rans! **PRE RANS ARE ALLOWED TO HAVE 4- 4"X 4"X $\frac{1}{4}$ " MAX, FOUR TOTAL AND THAT IS IT!**
7. You are allowed ONE of the following options, we WILL drill it if we deem it to be necessary! Your options are:
 - a. A 10" bumper shock max 2" diameter
 - b. A $\frac{3}{8}$ " PLATE 10" long 3" tall to side of the frame

BUMPERS

1. Any year bumper permitted. All bumper seams may be welded, bumpers may be loaded.
2. You may weld a piece of strap (6"x $\frac{1}{4}$ ") from frame to bumper 1" overlap on each end. This is to aid in keeping bumpers attached to cars and off the track.
3. Absolutely **NO** kickers to bumper

4. Maximum bumper height 22" to bottom. Minimum bumper height 14" to bottom.
5. If your homemade bumper has a point, it cannot exceed 6" from back of the bumper to the point! If we deem your bumper is too excessive or could hurt someone you will cut it or load.

ENGINE/TRANSMISSION

1. Any 4 or 6-cylinder engine allowed. Must be mounted within 6" of factory motor position. Engines **CANNOT** protrude into the passenger compartment before the race.
2. FWD cars can weld motor mounts and replace the top mounts with 2x2 square tubing factory length. Must be in factory configurations (not to be used to strengthen the car in any way.)
3. Transmission oil coolers and engine oil coolers are permitted. They must be secured
4. Slider shafts are allowed.
5. OEM crossmember OR 2" x 2" square tubing. Factory Style Rubber Transmission Mount must be used.
6. **HOMEMADE** Gas Pedals and Shifters **ARE ALLOWED**.
7. RWD can have ONLY a lower cradle and that is it! **CANNOT** have any metal coming off the lower cradle connecting it to the frame!!

GAS TANK AND FUEL PUMP

1. Stock gas tank **MUST** be removed from underneath the car OR have a huge hole in it if left underneath!!! Must be mounted in the rear seat area and secured properly. No rubber or chain straps. All tanks must have a secure cap on them!. All lines and fitting must be leak proof and meet approval of the track officials. Electric fuel pumps are allowed BUT they must have a shut off switch in case of emergency!! If we deem your fuel tank unsafe you will not run! This is for your safety!
2. All lines must be run inside car, not outside along the frame rails underneath.
3. All lines should be double clamped for your safety.

STEERING & SUSPENSION

1. Suspension must be original factory suspension for that car.
2. Aftermarket Tie rods are allowed.

3. You **CANNOT** convert front suspension. EX: Factory strut car must remain factory strut. Factory A arm car must remain factory A arm.
4. You **CANNOT** convert rear suspension from coil to leaf.
5. Front struts can be welded solid with a single bead of weld, sleeved, or aftermarket ones allowed.
6. Solid struts are allowed.
7. A-arm cars get 4" total of strapping, 2" wide ¼" thick, to secure A-arms down (2 per A-arm).
8. Coil spring cars may not substitute pipe or tube for spring.
9. Any automotive rear end.
10. Leaf Spring Cars, no more than 5 springs allowed per side and must be mounted in factory location with factory style hardware. You may have 5 spring clamps per spring. Maximum 1" wide ¼ thick. The leafs must have a 2" stagger front and rear.
11. You can shorten trailing arms, use minimum overlap and weld. **NO** doubling or reinforced trailing arms.
12. FWD cars, rear struts can be welded solid or sleeved, but all trailing arms and rear axle assemblies must remain factory.
13. **NO** solid rear ends!

TIRES

1. Black rubber and round.
2. 19" max beadlock or rim guard.
3. Weld in centers/Multi center are ok.
4. Valve stem protectors are ok.
5. Wheel weights **MUST** be removed!

Read the rules? Read them a 2nd and 3rd time! If it doesn't say you can do it, do not assume that you can do it, do NOT assume that you're in the grey area and they you have

a chance of passing! If you are not built to the rules, you have 2 chances to come through inspection before you are told to load it!.

IF YOUR FRAME OR K-MEMBER IS LOADED OR REWELDED THEN YOU WILL LOAD WITH NO CHANCE TO FIX

ASK first or don't do it!

If you have to question if something will pass our show, better safe than sorry, message us!!

CALL:

Charles VanMeter (270)200-0800

****If he doesn't answer, leave a message and he will call you back.**