

Mini Car Rules

Adult

Twisted Metal Motorsports

- Youth is mandatory to have Passenger.

Any front wheel drive automobile with 110-inch wheelbase or smaller.

Any questions must be approved by the head inspector

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There aren't many rules because you can only do these things!!

You must pass inspection within 2 times through inspection or you will not be permitted to run.

After your car has been inspected or flagged there will be no refunds.

We are not responsible for any accidents or injuries!

You are only permitted to have 2 fires in your car. This will result in a disqualification. If your helmet comes off you're out.

Prep for build

You must remove all glass and plastic. The windshield may be left in the car or you can remove the windshield. When building these cars please remember to remove all headlights, taillights, mirrors, etc. Remove these items from your home and do not make a mess of it at the fairgrounds.

Front Bumper

You may run any loaded OEM car front bumpers, Simple Solution TCJ flat , Adept flat, replica of an OEM bumper no pointy or a piece of tubing no bigger than 4x8 ¼ tubing and it must be capped. All bumpers can be loaded. NO points on bumpers. Weld a 6x6 pad at the end of the frame, in between the bumper and frame not on top, and weld the bumper to it. 2"x2" ¼ max Bumper shocks can be no longer than 10 inches and MUST be welded to the outside of the frame with one single weld no bigger than 3/8 bead. You cannot weld the cradle to the frame. Cradle must be bolted into the frame with factory mounting bolts, brackets, and bushings. Radiator guards are permitted. Cannot be any wider than the frame rails. 1/8 flat sheet metal and can only bolt in 6 spots using 3/8 bolts only. Not welded. If welded you will lose it.

Rear bumpers

may be welded to the frame only. Must be factory oem to that make and model of car. NO ADDED METAL.

Gas Tank

Stock fuel tanks ARE NOT permitted to be inside the vehicle. You may leave the stock gas tank in the stock location if the fuel tank is in front of the rear axle, or if you remove the stock fuel tank you must run an aftermarket fuel cell. If this is done you must use a fuel cell. No plastic tanks or stock tanks inside. If you relocate the fuel tank you have 2 options:

- a. You can weld a gas tank protector off the rear bar behind the seat. Protectors must be no wider than 28 inches and may go no higher than 5 inches above the fuel cell. You can have 1 gusset per side no bigger than 8 inches. You may have an upright on each side of it with two bars going directly forward covering the sides of the tank. (Don't get too crazy or you will cut it.) No added metal other than what is stated. The protector can touch the rear package tray but can not change the structure or shape of the sheet metal. No welding or bolting to the package tray or sheet metal. All cage components need to have a 4-inch gap off any floor pan.
- b. If no back bar is present, you are permitted to have a 28" x 28" x 5" above the tank gas tank structure no thicker than 1/4" and it must be bolted to sheet metal only within the 28" x 28" span.

Cage

A 4-point cage with roll over bar is allowed, must go straight up and over. Door bars are to be no bigger than 2x6, cross bars no bigger than 4x4. Door bars must be at least 8 inches from the rear door seam. NO TURNBUCKLES. You can weld a gas tank protector off the rear bar behind the seat. Protectors must be no wider than 28 inches and may go no higher than 5 inches above the fuel cell. You can have 1 gusset per side no bigger than 8 inches. You may have an upright on each side of it with two bars going directly forward covering the sides of the tank. (Don't get too crazy or you will cut it.) No added metal other than what is stated. The protector can touch the rear package tray but can not change the structure or shape of the sheet metal. No welding or bolting to the package tray or sheet metal. All cage components need to have a 4-inch gap off any floor pan. If no back bar is present, you are permitted to have a 28" x 28" x 5" above the tank gas tank structure no thicker than 1/4" and it must be bolted to sheet metal only. You may have a battery box secured in the passenger side of the car. It may not strengthen or reinforce the car in any way.

Front windshield bar 2"x 1/4 flat bar with a 3 inch overlap on the top and bottom or #9 wire in the center of the windshield is mandatory if the windshield is removed .

- **Youth, Passenger has to have something to hold onto.**
- **Youth, Battery must be mounted behind the driver and passenger and covered.**

Drive Train

No cross breeding of the entire drive train. It must be the same make as the car (Ex: Toyota to Toyota, chevy to chevy, etc.) and must appear to be the factory engine to the car. 6 cylinder to 4 cylinder swaps or 4 cylinder to 6 cylinder swap is permitted. Headers with protectors are permitted but can not strengthen the car in any way. The engine must be mounted with stock

mounts in the stock position. Harness may be moved out of harm's way or run simplified harness.

Doors

The doors must be chained or wired in no more than 12 total spots per side. 2 wraps of wire per spot. You CAN choose to weld the driver door vertical seam completely with 3 inch overlap of the door and fender seam. We recommend that You run an inside driver's door plate (Simple Solutions Door Plate) You may weld the door plates completely to the a pillar, rocker and b pillar.

This is for your safety.

- **Youth, inner door plate is mandatory on Passenger side and drivers side front doors.**

Trunk / hood

Wire or weld the trunk lid and hood in 8 total spots. 8 spots for the hood can be 2in x 2in x 3in angle with (1) $\frac{3}{8}$ bolt. per. You may weld the deck lid or tailgate in 8 places using (8) 4in x4in $\frac{1}{8}$ flat plates. Plates can not be manipulated. If the deck lid is welded in more than (8) spots, you will not run or you will cut the deck lid or tailgate completely off with no exceptions. Trunk lids must remain in the factory location. You may remove the trunk lid or hatch. If you remove the trunk lid or hatch you lose the (8) spots. No welding or adding metal is permitted. The trunk lid must be in the stock location. No tucking, wedging, pre bending, smashing, folding, or anything else you can think of is permitted.

Rear quarters can be creased from behind the door gap back. No other panels can be creased.

Tires

Any tires and wheel combo is permitted. Doubled tires are permitted. Solid tires are permitted. No foam filled tires are permitted. Valve stem protectors are permitted.

Suspension Front

Stock type springs and shocks are permitted. No solid suspension. Screw in spring risers or strut risers are permitted. must be factory for that make and model of car. No welded control arms are permitted. You must have a factory sway bar and it must be bolted on (No exceptions).

REAR

No wire, chains, or any welding on the rear ends or rear spring pockets. Cars must bounce No all thread shocks.

Frame

You may dimple the top of the rear frame in the trunk pan. 1 spot per side.

Fresh are permitted (4) 4"x4"x1/4" patch plates total.

4"x4" Plates cannot be cut apart and stretched etc. You can bend these plates to contour with the frame but once welded these Plates must measure 4"x4".

NO welding or filling holes on frame. Must be able to scope frame if needed using oem holes.

No other plates or welding anywhere.

No painting of the frames, inside of the body of the car, or underneath of the car and inside of the trunk. This includes overspray. If found with paint within those areas, the car will not even be inspected.

Patching and rust repair will be permitted only if cleared by an official.

Steering/ Pedals/ Shifter

No aftermarket steering shaft, tie rods or pedals.

Aftermarket Shifters are permitted.

No added coolers of any kind.