

# 2025 Mini Car Rules

## **Twisted Metal Motorsports**

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

Any rear-wheel-drive automobile with 107-inch wheelbase or smaller

Any questions must be approved by the head inspector (Robby 859-393-5703) either call or text

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

Do anything outside the rules you won't run.

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

All judges' decisions are final!

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 1/4 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" 1/4 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. If the car has factory bumper shocks the bumper shocks may be moved back and welded solid. Factory bumper shock to that make and model or 2"x2" 1/4 10 inch long tubing. Pick one only one. You cannot weld the cradle to the frame. Cradle must bolt into the frame with factory mounting bolts, brackets, and bushings.

\*\*\* Radiator guards are ok. Cannot be any wider than the frame rails. 1/8 flat 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 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 or driveshaft tunnel.
- 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.

### **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 or driveshaft tunnel.. 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 .

RWD may have one per side 2"x2" 1/4 thick welded off the back bar to a 4x4 1/4 plate on the rear seat floor board area. 4x4 plate has to be bolted using 3/8 bolts in 4 places not welded. This must be vertical. (THIS IS TO PREVENT SPRINGS FROM COMING THROUGH THE FLOOR AND HURTING DRIVER)

### **Drive train**

No cross breeding of the entire drive train. It must be the same make as the car (Ex: Chevy to Chevy, Ford to Ford, 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 with exception of the RWD may swap make and model but must stay 4 cylinder only. 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. No homemade cross members are permitted. Cross members must be stock and bolted in, not welded.

Harness may be moved out of harm's way or run simplified harness.

You must use the factory rear end for the car you are running. You may weld the spider gears in the rear end to make it posi.

### **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.

### **Trunk / hood**

Wire or chain the trunk lid and hood in 8 total spots. 8 spots for the hood and 8 spots for the trunk. Trunk lids must remain in the factory location. The trunk OR hatch must be chained or wired in no more than 8 places. Two of these may go around the bumper and/or the frame. 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. Leaf sprung cars may run 5 leafs per side staggered with (4) 2" wide  $\frac{1}{4}$  spring clamps per side. spring clamp may only have (2)  $\frac{3}{8}$  bolts per clamp. 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.

Pre run are permitted (🤪 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 or water supply of any kind.