

Welded Mighty Minis Class Rules

General Rules

1. All glass, plastic and pot metal must be removed.
2. Nothing may remain in the bottoms of the trunk or doors.
3. All outer hardware must be removed – door handles, mirrors, chrome, moldings, screws, fiberglass, etc.
4. No added weight to any car.
5. Rear seats in all cars and all decking in station wagons must be removed.
6. Front seat must be securely bolted to the floor; however, these bolts may NOT go through the frame.
7. You must have a functioning seat belt.
8. All flammable materials must be removed from the inside of the vehicle other than safety padding and the driver's seat.
9. Brakes must be functional.
10. Vehicles may have a roof sign, minimum 15"x15," maximum 24"x24" contrasting colors, but may not be positioned in such a way to strengthen the car.

Cages and Door bars

1. No cage components may attach to or conceal a body mount.
2. You may use channel iron or tubing up to 6" diameter for your cage components (Door bars, seat bars, and dash bar).
3. Door bars may not go through the fire wall
4. Seat bar may be no further than 6" behind the driver's seat.
5. No kickers, angled or otherwise.
6. You may have 1 down bar to sheet metal only located in the middle of each front door front door.
7. All cage components must be in the interior of the car, not inside the door structure with the exception of the driver's door. This door bar may be inside the door to allow more room for driver's safety.
8. Dash bars may be connected to the firewall with 4 straps 2 inches wide by ¼" thick steel
9. Floor sheet metal maybe patched where components will be mounted or for driver's protection, sheet metal only. No other patching is allowed unless it's a safety issue, call first. You must leave the rusty floors in place, do not cut them out.

Halo or Rollover bars

1. You may add a halo bar to cage components listed above. 6" diameter maximum.
2. Halo bars must be in a direct vertical line and no farther than 6" behind the rear of the seat.
3. Halo bar must be in the interior of the car. The top of the halo bar may go over the top of the roof bolted to the roof sheet metal in 2 spots ½" bolts max thru cross halo bar or 2"x2"¼" angle iron tab.
4. Your halo must attach to your back seat bar or to your door bars, may extend to floor of the car attached to sheet metal only not the frame.

Doors and Windows

1. Doors may be chained, wired or welded shut: two (2) chains or wire loops per seam or welded 5" on 5" off with 2" wide by ¼" straps. Straps may not go to frame. Chains and wire may go around frame
2. Driver's door may be welded solid.

3. Driver's door plate recommended maximum 24" wide welded across driver's door with in 3" of door seams
4. Tailgates on wagons or trucks and hatchbacks maybe welded 5" on-5"-off with 2" wide by 1/4" thick steel, or chained per door rules. These plates may not be welded to the bumper or frame.
5. You must have a minimum of 1 bar or max of 2 bars, 3" max, chain or wire running from roof to cowl in windshield area for driver's protection. May not attach to the cage in any way.
6. You may have netting on Driver's door only.

Hoods

Six (6) hold-downs are allowed on the hood.

2- 1" pins can be either welded down vertically to the side of the frame OR through the frame, A-arms forward. Max 6"x6" washers free floating.

In addition, no more than 4 other tie-downs are allowed from the following list:

1. 1" max. threaded rode welded to sheet meal only.
2. Angle iron to angle iron welded to fender and hood with 1 3/8" bolt 2X2X1/4 4 inches long
3. Sheet metal-to-sheet metal only #9 Wire –two loops.
4. Chains maximum 3/8"
3. Must have at least 1 8" hole in hood for fire access

Bumpers

1. Bumpers must be no higher than 28"to the top of the bumper front and rear. Min 22inches to top
2. Bumpers are interchangeable.
3. Any automotive car bumper maybe used on the front or rear of the vehicle.
4. You may use a 4"x4" square tube
May add a point to bumper must be 34 inches wide and no more than a 4 inch point measured from front of tube
5. You may weld the outer chrome skin to the backing and weld all the bumper seams.
6. May stuff bumper as long as factory contour.
7. You may weld the bumper to the frame with 2"X2"X1/4" angle iron.
8. You may also use a 5" tall 8" long bumper bracket on 1 side of the frame.
9. You may not weld the body to the bumper at any time.
10. Bumpers maybe cut to keep them out of the tires but no sharp points.
11. Bumpers may be installed upside down.

Tires and Brakes

1. No studded or 100% steel wheels.
2. Valve stem protectors are allowed but may not stick out of the rim.
3. Wheel weights must be removed.
4. Any air filled style tire allowed. Double stuffing is allowed. No solid rubber tires.
5. Weld in center allowed 3/8" max

Engines and Transmissions

1. Engine swaps allowed.
2. May be solid mounted with minimal tube welded to the frame.
3. Lower cradle only with pulley protector allowed. No DP's allowed. Tranny braces are ok but can not be locked in tight must have room to move
4. Slider drive shafts allowed.

5. May alter transmission linkage, modified ignition switches, and headers are allowed.
6. Stock Fuel tanks must be removed from under vehicle and places in side of car buy must be securely mounted and covered
7. Fuel cell or boat tank located in the back seat of car and completely covered with a nonflammable material.
8. If running electric fuel pump, power source must be well labeled (fuel pump) in large bold lettering.
9. 2 battery allowed and must be moved to passenger front seat in battery box, securely fastened, no bungee straps, and covered with a nonflammable item.

Frames and Suspension

1. Body bolts may be changed. 1" is the maximum diameter allowed with 3"x3"x 1/4" plates in original positions. Plates must be free floating.
2. Front and rear springs can weld one 1 1/2 x 1/4" strap vertically only onto spring or from a arm to frame.
3. Rear leaf spring clamps are allowed four per spring pack 2" x 1/4" clamps
4. 7 max leaf springs with 1 inch stagger. Must use a factory main leaf spring.
5. You may make a homemade shackle mount limited to 5 inches wide by 3/8" thick. May use a gusset to tie arms of shackle together under frame. When leafing the rear of a non leafed vehicle.
6. No leafing front of non leafed vehicle
7. Rear end can be chained to humps.
8. No doubling of body panels allowed, no added metal allowed
9. Body creasing, enhancing of body lines or additional body lines will be allowed.
10. No body seam welding allowed except for the exterior of doors
11. Floor sheet metal maybe patched where components will be mounted or for Driver's protection, sheet metal only. Leave rusty one in place.
12. Holes may be cut in floor and firewall to accommodate the shifter, fuel lines, and transmission lines.
13. Rear end of choice. No bracing allowed may re-weld brackets to rear end for fitment. Nothing excessive in size.
14. If frame is badly bent you may plate one side with one 3"x 5"x 1/4" plate. Limit 3 plates per rail. With 2" gap between plates.

Call Ryan Fischer at 641-512-9082 with questions
If the rules don't say you can do it don't assume you can call first.