

Midsized limited weld rules

General Rules

****If car does not pass inspection or driver is unwilling to change car to pass inspection - absolutely no refunds!!*

1. All rules will be followed, or you will not run!! Car and Driver qualify for each race. No changing of car or driver!! FWD: 111" under / RWD: 108" under (FRESH CARS ONLY OR YOU WILL NOT RUN)
2. Drivers must be 18 years of age and have a valid driver's license. Ages 14 –17 must have a notarized permission slip and some form of driver's license. The person that signs in as the driver/passenger- must be the driver/passenger for that event!
3. Driver must wear seat belt and helmet, along with eye protection.
4. ALL drivers and crewmembers must attend the drivers meeting.
5. DO NOT hit the driver's door! Sometimes this happens, but if it looks intentional or carelessness, you will be disqualified. Don't use your door as a shield; it may cause you to get disqualified. No hot rodding in the pits, keep it at an idle. You are allowed to plate your drivers door 2" past each seam only.
6. Any open driver's door or fire will cause disqualification. If in heat, you may fix it and come back in the consolation.
7. NO sandbagging or holding!!! You will be disqualified! You are given 20 seconds for aggressive hits, 1 minute for restarts and 1 minute if you are hung up.
8. No alcohol in the pits, if anyone is caught with alcohol, they will be disqualified, this includes their pit crew.
9. Cars are subject to re-inspection before any prize money is handed out.
10. Any questions give us a call! If it doesn't say you can do it, don't do it. Call 1st!! Judges decisions are FINAL!!!
5. Driver must have a fire coat or non-flammable jacket to wear while driving in event.
6. Driver must have safety approved glasses or face shield. Driver needs to have FULL faced helmets.

Car Preparation

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.

Tires no bigger than 15 inch, No split rims, No studded tires. Foam filled or Doubled tires OK!!! Valve stem protectors OK. Tires may be screwed to rims. Bead locks and Rim Guards ok.

You must use a radiator and it must be in stock location. All cars must have working brakes.

A-arms, ball joints remain stock type oem.

All trailer hitches and braces must be removed.

Original gas tanks must be removed. You must use a boat tank or well made steel fuel cell and it must be properly secured and covered.

Transmission coolers will be allowed, but must be safe and properly secured.

Batteries must be moved to passenger floorboard close to transmission. It must be properly secured and covered.

You must have a number In Bright colors on each front door and must have 15"x 15" roof sign with car number on it for judging and recognition of car.

Patch class is a fix it plate class!! If you need 2, 4 or 6 plates this is your class. Nothing more than firewall forward will be allowed to run. NO fullweld or Promod cars. Plates no more than 1/4 thick.

Car building:

NO welding will be allowed on any part of the body or frame. The only welding allowed is in the below rules. If your car is found with any weld, other then what's allowed, you will not run!!

Doors Must be welded shut and must be sheet metal to sheet metal. Welding of Outside of doors only will be allowed. Must weld 3 locations per seam, Use no bigger

than 5x3 inch wide x 1/4 material for welding doors shut. Drivers door may be weld shut outside solidly with no bigger then 3” strap material.

For driver’s protection, you may weld a bar behind the seat from doorpost to doorpost, you may also have a bar across your dash, you may connect the dash bar to bars behind seat across the inside of front door only with side bars. Side bars can be a max length of 60 inches long not longer, you may also weld your steering column in, you can also weld a plate across the driver’s door not to exceed 2 inches past each seam. You may have a roll loop behind the seat, Can be welded or bolted to top of floor and welded or bolted to the roof. Side bars may be 6 inch by 12 inch

Material can be no larger than 6 inch OD, Must be minimum of 4 inches off floor, No cage material may be withing 6 inches of dash, must be 4 inches away from trans tunnel.

You will be allowed 2 down bars 2x3 on the inside on driver’s and passenger’s door going down from the inside cross bar. Down bars must be behind inside of front door interior seam or will be cut out. Welded or bolted to top of sheet metal only.

*****YOU MUST HAVE A FULL CAGE TO RUN THIS SHOW!!*****

Gas tank protectors must be NO wider then 30 inches across the back- 6inch tall on back. Tank Protector can be attached to back seat bar and Halo bar with nothing attaching up or down to body/frame.

Must be 4 inches off floor and stay below where speaker deck attaches to floor! You are allowed a loop up off your gas tanks protector, Can be angled to contour speaker deck. Nothing higher up then top of speaker deck. Loop can’t attach to anything but the tank protector.

Bumpers:

Option #1: Any seam welded OEM bumper may be ran as long as it has an unmodified skin front and back. It may be loaded, but all added material must remain inside the bumper.

Option #2: Replica bumper

- You may trim bumper ends or fold them around.
- No welding bumper to the body or cross member in any fashion.

- Bumper height not to exceed 22” to the bottom of the bumper to the ground and be a minimum 14” from the ground to the bottom of the bumper or frame.
- Bumpers must be mounted in stock location.
- No more than one set of OEM car bumper shocks/brackets may be used per bumper. Rear bumper brackets must be OEM for the vehicle you are running.
- You can weld bumper brackets/towers to the bumper and to the frame.
- No brackets are allowed any further back than the first 12” of the frame.
- Instead of using bumper brackets, you are allowed to use 1-4” wide x 3/8” thick strap extending from your bumper down one side of the frame and cannot extended further back than the first 12” of the frame. You are also allowed to wrap this strap around the front of the frame 3” to create an “L” shape, this is to give you enough material to weld your bumper to the strap. Plate may be formed to fit the frame but it may not be doubled up at any point. 4” width includes forming.

HOOD/TRUNKS:

Hood must have at least a 12-inch square hole cut out in cast of fire. You will be allowed 8 spots to hold the hood down (bolts, chain or wire); you **MUST** have at least 4 spots holding hood down- hood hinges don't count! You may have up to 1” all thread (12 inches long) –2 may be used from the hood down to the frame, but must go through the front body mounts. Hood hold down spots must be sheet metal to sheet metal and extend through hood with plate and nut. Hood must be open for inspection.

Hood washers cannot exceed 5x5. You are allowed 12- 3/8” bolts to bolt hood skins together.

You can fold hoods or trunk decks over but 60% of the hood or trunk lid must be in factory location. Do not remove speaker deck. Rear window bar is allowed, no bigger than 2x2, cannot connect to halo no further back than front trunk seam.

Trunk lids may be welded but only in factory location. No welding of tucked area or no welding of sheet metal folded over trunk lid. You can weld 2 spots per seam using no bigger than 5x3 inch wide 1/4 materials.

Steering/Suspension:

Do not re-engineer the way the steering components mount to the frame.

- Aftermarket stock replacement ball joints and tie rod ends are allowed. Tie rod tubes may be reinforced.

- A-arms-

- ♠ Must be factory for the vehicle you are running

- ♠ May be seam welded.

- ♠ Must be bolted on in a factory manner.

- ♠ May be welded or bolted down but may not be reinforced.

- ♠ If bolted, you may use 1 3/4" bolt per a-arm if choosing to bolt.

- ♠ If welded, you may use 2-2x4x1/4" straps per a-arm. This strap must be welded to the a-arm and cannot be farther forward or backward than 1" past the widest part of the a-arm.

- Struts must be factory for the vehicle you are running. Must mount with factory mounting brackets and be stock appearing. You may reinforce the inside of the strut and are allowed (1)- 2x4x1/8" strap to weld on each strut used for height, weld to strut only.

- Steering box, pitman arm, and idler arm are interchangeable with vehicles that are legal for this class. Must bolt on in factory manner.

- Spindles and hubs must be stock for a vehicle that is legal in this class. You may weld 1- 6"x 3/4" rod to the back side of the spindle.

- Sway bar must be mounted in stock location and stock manner. No welding of sway bar or mounts • No leaf spring conversions- PERIOD.

- Leaf springs must be made of stock spring material with a 1" stagger, front and back. No springs can be as long as the main leaf. You can have a total of 7 leaf springs per side, no thicker than 5/16" thick and 2 3/4" wide. The main leaf must be the top spring in the spring pack and lead spring must go down from longest to shortest. You can re-clamp springs, 4 clamps per side. Homemade clamps cannot exceed 2x4x1/4", while using up to 1/2" bolts. Must have a 2" arch in your springs. Must mount leafs to the factory mounting brackets. Brackets may be welded on, do not relocate them.

- Coil springs can be changed to a stiffer spring or put spacer in sagging coil springs. You can wire, or chain springs to rear end to prevent springs from falling out. • Rear shocks may be replaced with 1" max all-thread.
- You can loop chain or wire (1 loop of 3/8" chain or 4 loops #9 wire) from rear end to frame in one spot on each side. Must go around frame, do not bolt chain to the frame. We are going to allow you to weld 1 link of chain per side of frame, if you choose to weld the chain instead of wrapping it around the frame.
- You may use rear end of choice but must be no more than 8 lugs. Welded or posi-trac highly recommended. Braces are welcome, may not extend more than 3" past the housing. Brace must not reinforce your frame. Rear end control arms can be reinforced but must start from a stock set. The factory bracket must attach in stock location for the vehicle you are running.
- Slider drive shafts and CV shafts are permitted.

ENGINE MOUNTING:

Engine mounts may be welded to engine cradle. Engine must be mounted in stock location. FWD engine mounts may be no bigger than 3x3x1/4 and 4 inches long. NO cradle of any kind will be allowed!!! No midplates. Dogbones may be changed to 2x2x1/4 square tubing. If your car came with a aluminum cradle you may swap it with a steel cradle. ABSOLUTLY NO!!!! welding on subframes.

Use motor and tranny of choice 4cyl or 6cyl, motor must be in stock location. You may chain or weld motor and tranny to keep in place (don't strengthen the frame). You may use factory crossmember to car to mount transmission or a 2x2x1/4 max tubing. If relocating crossmember your only allowed 2x3x5 angle to weld to frame. NO Tranny Braces. NO steel bells or steel tail housings.

Radiator

You may not reinforce the core support in any way.

No radiator guards are allowed, Radiator must be mounted in core support in factory location only.

You may have

1/8 expanded metal that cannot extend past front body mount bolts,

May be attached with 4 3/8 bolts or 6 welds

Fenders:

You may cut wheel wells for tire clearance. Fenders may also be bolted together with 8-3/8" bolts or less. The rear quarter panel is considered part of the rear fender.

For safety, You must have 2 bars, wires or chains in windshield from roof to dash for safety reasons. 5" allowed to attach to roof and 5" to cowl/firewall for window bars.

Misc.:

You can run shifter through floor and you can have a switch panel. You may also have a hand throttle. If you are running an electric fuel pump – must be hooked up to your ignition switch – so when your car shuts off – it shuts off.

NO Distributor cap protectors or Full cradles!!

Aftermarket gas pedal and brake pedals are allowed as long as not used to re-enforce car!!!! Must be mounted to cage or body. Not to frame or used as a gusset to re-enforce the car in any way.

No frame shaping. Nothing else. Body shaping is allowed but no double rolling of body lines. No bolting, welding, wiring, etc of body lines.

You must have 2 bars or wires from roof to dash in windshield for safety. Window bars can only be 3 inches wide with 5 inches on roof and 5 inches on dash.

No relocating any part of frame, suspension, body mounts, etc.

Aftermarket part: steering columns, shifters, peddles, trans coolers, fuel cells, rear tires are all ok to run. Anything else I would highly recommend calling first!

This is how you can build your car!! Do not read into rules! If you have to call and ask the answer will most likely be no!

Rust Repair, call first.fi

Sub frame/K member, May be welded to Body with welding wire only! NO ADDED MATERIAL!

4 total 3x5x1/4 fix it plates only. All year. No more. That's it!!!!!!