

2020 Paoli Chamber of Commerce Demolition Derby

Mini Car Madness Rules

INSPECTIONS WILL BE SHUT DOWN 1 HOUR BEFORE DEMO STARTS.

General Information: Cars / Trucks / Vans / No SUV

- If your car does not pass inspections, or driver is unwilling to cut to pass inspection, then there is absolutely no refunds.
- Drivers must be 16 years of age with a valid drivers license or 15 with parent permission.
- Drivers must wear seat belt and helmet, with long sleeve and eye protection.
- **No alcohol in pits-** Any driver caught with alcohol in pits will be D/Q from the event with no refunds.
- **NO** sandbagging and **NO** double teaming, this will be grounds for disqualification.
- **No intentional driver's door hits**
 - First offense will receive a warning.
 - Second intentional driver's door hit will be disqualification

Car Preparation:

1. All glass, plastic, chrome, and interior must be removed from car before arriving to the derby.
2. Any wheel/tire combo-double tires and valve stem protectors are ok.
3. Radiator must remain in stock location in front of the motor.
4. Stock fuel tanks must be placed inside a metal gas tank protector, securely fastened and covered.
5. **Trucks:** Fuel tanks must be relocated in the center of the bed directly behind the cab.
6. **Vans:** Fuel must be relocated inside the van between the 2nd row doors. Securely fastened and covered.
7. **Trucks:** Box and cab mounts may be replaced with ¾ bolts, body mounts may be removed. The body bolts may go all the way through the frame and floor of the truck/minivan.
8. Beds must be welded to cab of trucks with a 3" strap directly behind the doors.
9. Trans coolers and oil coolers are allowed but must be safe and properly secured.
10. If you are running an Electric fuel pump, **it is mandatory to have a shut off switch.**

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11. 2 batteries are allowed per car, but must be moved to the passenger compartment, properly secure, preferable in a protector or battery box and covered.
12. **NO** methanol fuel allowed.
13. FWD cars are to be no more than 110 in wheel base, RWD cars no longer than 105.
14. No AMC's allowed.
15. You may run a rear end brace to the rear end **only**, must not brace frame rails or body. **NO**, this doesn't mean you can run a solid rear axle on **FWD'S**.
16. You may run aftermarket steering column, floor mounted gas/brake. Slider shafts, pinion brakes.
17. You may run #9 wire to wire up the humps.
18. You may also run 4 strands of #9 wire from core support to bumper.
19. You may run homemade struts. Solid suspension is allowed.
20. 20. Front suspension can be solid but with only (2) 2" straps on each side of the arm to the frame, no longer than 4# long.
21. May reinforce tie rods. Not aftermarket tie rods.

Cage:

1. You may run a floating 4 bar cage. **No down legs.** It needs to be **5** inches away from the floor pan, trans tunnel, and firewall. Door bars can be **NO** taller than **6 inches**. Back seat bar and door bars can be no further back than **12 inches** from the driver's door post. You may have a gas tank protector no wider than **24 inches**. You may run a roll bar but must go straight up and across.
2. Rear window bar must be **NO** bigger than 2x2 tubing or 3/8 x 3 flat stock. Must be mounted no further back than the speaker deck and 4 inches from the rear window seam on the roof. No bigger than a 4x4 mounting plate. Front windshield bar can't go through the hood or strengthen the car in anyway. Rear window bar may not touch cage or gas tank protector.
3. If you choose not to run a 4 bar cage, **you must at least run 1 bar behind the driver's seat Mandatory.** No further back than 12 inches from the driver's door post and at least 5 inches from the floor panel, trans tunnel.
4. No kickers of any kind.

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Body:

1. Trunk and doors may be welded 6 on 6 off. You may run a driver door plate no bigger than 3/16th. Trunks may be pushed down, but the quarters must remain upright. 2 8x8 holes must be cut in deck lid.
2. Hoods must be open/off for inspection.
3. Must use factory mini car hood. You may run core support all thread mounts down through your frame and bumper shock, 2x2 tubing for a spacer with a 1-inch gap max, or you can run the factory rubber. There must be a 1-inch gap either way. If you choose to run the thread through your core support, you may have 4 additional locations to wire your hood down. If you choose to use only wire, you may wire your hood in 8 locations.
4. You may crease the body; the quarters and bedsides must remain straight.
5. Leaf spring cars may have factory leafs or factory replacement leafs with 3 clamps per side.

Bumper and Front Frame.

1. You may either run the factory OEM bumper stock to that year, make, and model of that car, or you may run 10 inches round or square 2x2 tubing. If you choose to run the stock, you can weld the first 10 inches from the bumper mounting plate at the end of the rail back. 6x6 plate for bumper mounting but no bigger. You may trim the rails back to the core support only, but **NO** further back.
2. Bumpers must sit between 17 and 22 inches. Must set level.
3. No shortening of the frames whatsoever.
4. You may have a 4 3x5 ¼ inch patch plates anywhere you want them, but 4 total per car. They can not be welded to body or act as a kicker. Plates must have 1-inch gap between the patch plate and the bumper shock or another patch plate. **Fresh or Pre ran.**
5. You may run a loaded bumper or a homemade bumper. Can have a pointy bumper, must not stick out further than 6 inches. The bumper must be square tubing only!!!! If it is Angle Iron, I beam, C Channel, Round pipe, it will **NOT** pass.
6. **No** seam welding of any kind, **No** creasing or shaping the frame.
7. **Absolutely** no frame modification.
8. You may run a piece of 2x2 tubing 3 inches long on the bottom of the frame for a sway bar mount, sway bar must remain in factory location.

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Engine:

1. Any 4 or 6 cyl engines, motor swap and rear end swaps allowed.
2. **NO** methanol fuel allowed.
3. If running an electric fuel pump, **must** run an ignition switch to shut fuel off.
4. RWD cars, trucks, mini vans may run lower cradle and pulley protector, NO wider than the engine block, **No** back plates, mid plates, trans brace, or steel bell allowed.
5. You can not have a head, carb, or oil cap protector.
6. Motor must be mounted to K member and not to frame rails. ****FWD Cars can have after market engine mounts**, but no bigger than a 2x2 and can not add strength to the body or frame. **Push it and you'll lose it.**
7. **You can convert any engine to carb style.**

***Any gray areas of the rules are the officials final decision. If you have a question or you don't understand something, call first. We reserve the right to refuse any vehicle at any time.

***Any unsportsmanlike conduct by the driver or the crew will cause your car to be **D/Q'd**.

***The driver is the only person allowed around the car while their car is being inspected.

*****If you have any questions please contact Tyler Walton 812-653-3888 or Eric Wright 812-267-4602**