

2024 Wheel Days

V-8 MOTOR SWAP RULES

1. GENERAL RULES - Any question on car choice, please ask.

- NO Imps
- NO Hearses
- NO Ambulances
- NO Trucks or Truck Frames

2. CAR SIZE

This class is open to any FWD or RWD V8, V6 or 4-cylinder car (other than what's listed). V8 will be classified as 109-inch wheelbase and above. Compact class will be 109 inch and below wheelbase.

3. DOORS, TRUNK, HOOD

- OPTION 1- Two wires or chains per door. Two wires hold downs for hood. Two wires hold downs for trunk. No additional material may be added.
- OPTION 2- You may weld doors and trunk seams with a total of 9 inches of welding per seam. Example 1: 1 9-inch plate per seam. Example 2: 3 3-inch plates per seam.
- The Driver's door maybe fully seam welded for safety.
- Hood must be wired or chained shut for safety. You may also use 2x2x 2 inch long, ¼ inch thick, angle iron to bolt the hood closed. You may only have 4 spots to secure your hood.

4. BATTERY BOX/ GAS TANK

- Move battery to passenger side floorboard or front seat area. No milk crates, no zip ties, no zip screws can be used. Metal Battery box, BOLTED to the floor. This can be bolted to only the floor pan and cannot strengthen the car in any way.
- Move the gas tank. (Make sure it's secure, no zip Screws). If the gas tank is left in stock location, it must be strapped up with more than just the stock straps.

5. SHIFTERS

FACTORY shifter, or simply threaded rod, or cable shifter will be allowed.

6. TIRES

Any tire that holds air will be allowed. Sidewall flaps will be allowed. Small welding in centers will be allowed. CFP replacement wheels will be allowed. No other wheel protection will be allowed.

7. INSIDE COCKPIT

- No aftermarket parts except for a transmission cooler (fan or ice) will be allowed and must be secured. This can only be mounted to the cage or sheet metal. This cannot strengthen the car in any way.
- Any hydraulic brake pedal/booster may be used. May not strengthen the vehicle in any way, shape or form.
- ALL STEERING PARTS MUST REMAIN STOCK OEM. MUST HAVE STOCK STEERING COLUMN.

8. PEDALS

- A stock OEM gas pedal can be used inside of the vehicle. You may also run an aftermarket gas pedal. The mounting plates to the brake and gas pedal may only be mounted to the floor pan of the car and not strengthen the car in any way.

- Any hydraulic brake pedal/booster may be used. May not strengthen the vehicle in any way, shape or form.

9. BUMPERS

- There are two options for mounting the front bumper. No frame welding is permitted. NO WELDING SHOCKS OR BRACKET TO THE FRAME IN ANY WAY.
- You may weld the bumper to the factory bumper shocks or bracket for that vehicle. You may shorten or collapse the shock. You may weld the shock to the bracket. No shocks or brackets may be welded to the frame in any way shape or form.
- Hard nosing of the bumper is permitted but if you choose to do this you must lose the bumper shock and bracket. No exceptions!
- Any factory car bumper is permitted. You may seam weld and plate an OEM bumper with no more than ¼ inch plate. Do not cut the frame past the first factory core support hole. Cadillac's must have a total of 20 inches from the very front part of the spring pocket. If you decide to take shocks and brackets off from the Cadillac, you must only use the L bracket for core support mount only. No exceptions.
- HOMEMADE BUMPER- Bumper is limited to ¼ inch thick material. Maximum dimensions of 6x6 straight across. Bumpers may have up to a 4-point added to the front and must be a minimum of 32" wide point. Bumper and point must be hollow. A ½ inch hole must be cut in both sides so that you can see light through each end.
- The rear bumper may be OEM or homemade. If using a homemade bumper, there can be no point on the back bumper. The back bumper must be welded to the factory bracket. If you weld the bumper to the frame, you must take your bracket and or shocks off.
- FRONT AND REAR bumper must have 9 wire or chain in two locations through sheet metal (core support or hood) to hold them on. It may go to the frame but must go through an existing hole or a factory bolt. Chain cannot be larger than 5/16" and no more than 3 strands of 9 wire.

10. BODY, FRAME, SUSPENSION

- No suspension modifications- all suspension parts must be OEM stock. You may interchange OEM parts if they bolt on with no fabrication. There should be no welding of any kind on the suspension parts other than specified below.
- 2003 and up fords must use aluminum cradle. 2003 and up fords will be allowed a maximum of 3-inch strut spacer.
- You may use 1 2x4 inch ⅛ inch plate per side of the upper a-arm to weld the a-arms down. Nothing else. This is for height purposes only. That means 2 per a-arm, 4 plates total for a-arm straps.
- You may use 1 ⅜ chain per upper a arm to hold it down. This is for height purposes only. The chain may have two links welded to the frame on each side of the upper a-arm. This chain can be no longer than 18 inches long.
- No body creasing. Trunk may be tucked with one 90-degree bend or cut off and that is it. Trunk must have a 12x12 hole for inspection. You may not remove the speaker deck. The trunk must be located on the factory hinges
- Rear quarter panels must remain upright and not be altered in any way shape or form. The only thing you can do is fold the lower part of the quarter under for tire clearance. This must be below the floor pan.
- You may use 5 bolts per fender to bolt your inner and outer fender together. Bolts may be no larger than a 9/16th bolt. This is a max of 20 bolts on 4 fenders.
- All body mounts must be a stock and have the stock rubber puck in it. NO EXCEPTIONS The only body mount that you may change with a ⅝ bolt is the core support. This mount may only have 3 hockey pucks if you take the factory mount out. This mount may only go through the core support and not through the hood. These mounts can have 2 nuts and 2 washers.
- 2- 4"x4"x1/4" plates allowed on each frame rail. May not touch, 4 plates maximum.
- No added bolts to any factory holes in the frame.

- No Frame shaping or seam welding of any kind. If your frame is shaped or seam welded, you will not be allowed to run
- Frame Rust repair must be cleared by Paul Owen before the derby.

11. ENGINE, TRANSMISSION, REAREND

- Motor swaps allowed – weld the factory mounts in and that is it
- One chain per motor mount. Must be bolted to the factory frame hole. Max of 18” long.
- No excessive mounts (max 8 inches of weld per mount)
- You may use a maximum of 2x4 ¼ inch steel to get your motor mounted. This must connect to the engine crossmember only. It may not connect to the frame rails. If you are using C-channel it can be no bigger than 6 inches (¼ inch). The steel that you use can be longer than 6 inches in length.
- 2003 up fords must have the engine mounted to the aluminum crossmember with factory mounts. NO SMW PLATES OR CATSKILL mounts will be allowed.
- No cradles, transmission braces or any other braces of any kind. Headers will be allowed
- No midplate adaptors will be allowed.
- No aftermarket oil or transmission pans.
- Factory trans mount and crossmember. The crossmember must be the factory crossmember to the car that you are running. It must be mounted in the stock location.
- Any 5-lug rear end allowed. Must be a factory appearing with no bracing of any kind.
- NO SLIDER DRIVESHAFTS WILL BE ALLOWED. Drive shaft must be stock.

12. CAGE

- A 4-point cage will be allowed – for driver protection only! Anything in excess will be forced to cut or loaded at the judge’s discretion. Cage material can be no larger than 6x6 inches. The cage must be on the inside of the car and not in the doors. Side bars cannot be longer than 60 inches. Side bars also can not be past the rear kick plate of the vehicle.
 - ❖ The cage must be 5 inches from the floor and firewall at any point. Dash bar must be straight. It cannot contour the body.
 - ❖ Simple tank protector allowed, off the back bar only must be 5 inches from any sheet metal, keep it tight to the tank, do NOT ABUSE THIS rule or we will take it away. Tank protector cannot be wider than 32 inches.
- Roll over bar is allowed and must go straight across top of the roof. It must be bolted in two spots. No kickers or brackets can come off from the roll over bar.
- Two window bars will be allowed. They cannot be connected to the rollover bar. The bar can be welded to a max of 6 inches on the roof and 3 inches on the fire wall or cage. No larger than 2x2 steel.

No wedge cars will be allowed. Rear quarter panels must remain upright throughout the heat and feature.

ALL CARS WILL BE ALLOWED UNLIMITED NINE WIRE ONCE THEY HAVE QUALIFIED FOR THE FEATURE.

Our interpretation of the rule is how the rule will be enforced. Thank you.