

# McPherson County Fair

## Super Stock Rules

Super Stock class is open to all men and women 16 and over. If you are under 18, you must have a notarized permit signed by parent/guardian. Driver must have a driver's license.

### PARTICIPANT REGULATIONS

2003 and newer Vics must have stock cradle (No reinforcement of stock cradle). No jeeps, trucks (Rancheros and El Caminos are considered trucks), convertibles, carryalls, hearst, limos. No imperials or Imperial sub frames allowed. No 61-70 Suicides. Driver may maneuver forward or backward. No deliberate driver's door hits. If a driver does not hit another active car within one minute, that car/driver shall be disqualified. No sandbagging. Cars must move when hit or show visible damage. Driver must remain in his/her car with helmet on until car is removed from track or officials tell you different. Make sure helmet strap is fastened. Helmet and seatbelt must remain worn during competition.

You must have number on both doors big enough to read and bright enough color to see. Also must have number on roof with name on roof above front doors. Use your choice of number. No profanity allowed on cars. Roof signs are accepted.

### ENGINE

Any engine or transmission is allowed. Engines must be mounted within 6" of factory location; can only connect to cross member. Lower engine cradle will be allowed (this is to only protect engine block). Front plates are allowed, but cannot connect to any other component in any way, and cannot extend any higher than heads. They cannot be deemed to strengthen the car in any way or they will be removed. You may tie engines down using 2 chains (1 per side), no more than 2 links of 3/8" chain welded to frame.

### RADIATORS

Must remain in stock location. You may run A/C condenser in front of radiator. 1/8" expanded metal (connected only to core support) or a "V" of 9 wire is allowed in front of radiator. No solid sheet metal.

### TRANSMISSION

Tranny coolers are allowed. No additional transmission protectors allowed. Mid plates may be used, but cannot extend farther than 3" from factory mounting holes. **This is strictly to be used as a transmission adapter only.**

### BATTERY

Must be in a secure position and be covered with something nonflammable like rubber tube, rubber floor mat, etc. Batteries must be secured so they don't move. 2-12 volt batteries max.

### REAR ENDS

Any 5 lug OEM car rear end may be ran. Car must have stock axles (no aftermarket axles allowed). One simple rear end brace, from backing plate to backing plate, no wider than 3" x 3" allowed. No Full Floating Rear Ends!

### DRIVE SHAFTS

May be shortened or lengthened. Sliding shafts are allowed.

### SUSPENSION/ TRAILING ARMS & A-ARMS

All must remain stock UNLESS STATED BELOW:

May be shortened or lengthened with no more than one inch overlap. No other reinforcement. A-arms may be bolted with one 5/8" bolt or nine wired (with 4 wraps), or one 3/8" chain (1 wrap), or can be welded with two 2" wide by 3" long straps. None of the above may be used as reinforcement. Spring spacers are allowed. Leaf springs must be stock thickness and width with 3" stagger in rear and 2" in front. You may add a maximum of 4 leaf spring clamps with a maximum material thickness of 1/4" and no wider than 1 1/2".

### **STEERING COLUMN/BRAKES/SHIFTER/GAS PEDAL**

The steering column may be modified from box to steering wheel. Aftermarket floor shifter and gas pedal are allowed. All cars should have working brakes.

### **HOOD/CORE SUPPORT**

Hood must remain in factory position. 6 hood bolts allowed. Only the 2 core support bolts may go through the frame, outside of radiator, in factory location. Bolts must not be any bigger than 1" with washers no bigger than 6" outside diameter. You must have 2 holes cut in the hood big enough for fire extinguisher, not directly over carburetor. You may use 20 bolts around header holes no bigger than SAE 3/8" with washers no bigger than 1" outside diameter.

### **TRUNK/ TAILGATE**

You can use four 3/4" bolts in trunk, 2 may go through frame with washers no bigger than 6 inches outside diameter. Trunk lids must remain on factory hinges. Tucking or V'ing of trunk lid is allowed, but absolutely no wedging. You may chain or nine wire. NO MORE THAN 50% OF TRUCK MAY BE TUCKED. You may also weld trunk lid/ gate 6" leave 6" with 3" x 1/4" strap. Or bolt with 12-3/8" bolts. Creasing is allowed but cannot be double creased.

### **BODY**

No seam welding. Pre-denting and creasing are allowed (no DOUBLE CREASING). You may patch/ repair rust with metal the same thickness as body metal. No excessive overlapping of patches.

### **FENDERS & QUARTER PANELS**

Fenders may be trimmed and 10 bolts may be used per fender. Bolts are to be no bigger than 3/8" with washers no bigger than 1" outside diameter. Fenders may be trimmed, bolted or welded (with weld 1" skip 1"). Quarter panels must remain vertical within 3" of OEM position.

### **BODY MOUNT BOLTS**

May be replaced with up to 3/4" bolts. All bolts must be inside frame with maximum washer size of 3".

### **FRAME**

THE ONLY FRAME WELDING ACCEPTED IS AS FOLLOWS:

Top side of A-arms forward, seam only, 1/2" wide weld. No added metal allowed. 12" maximum behind A-arms. Tilting will be allowed using weld rules as mentioned above. Any added metal found in frame will result in disqualification. Pre-ran and fresh cars are allowed 20" per framerail, 4" wide Max, 1/4" Thick.

### **DOORS**

Driver's door may be welded solid with a strap no bigger than 3", on the outside only. All other doors you may weld 6" on 6" off with strap no bigger than 3". Or you may chain or wire doors shut. You may chain, nine wire or bolt in four places.

### **CAGE**

You may have a cage with two side bars and three cross bars. The cage cannot extend past the dash area in the front, and must be no further back than 2 inches in front of inner fender wells in the back. This can be welded in. ABSOLUTELY NO KICKERS. You may connect to the frame in 4 spots. Down bars must be vertical, cannot be any farther forward than front door seam. You may have a halo bar. Must be vertical and within 12 inches of driver's seat. Halo cannot connect to the windshield bars or the roof sign. Cage must be a minimum of 8" off floor and no higher than bottom of door windows.

## **TANK PROTECTOR**

Simple gas tank protector is allowed. Cannot be welded or pressed into sheet metal. Can be as wide as inner fenders, 6" tall. This is strictly for safety, this may in no way strengthen the car.

## **BUMPERS**

OUTSIDE OF BUMPERS MUST BE STOCK. Bumpers must be mounted in front of core support bolts. All bumpers and brackets must be passenger car origin, No rear brackets on front. All brackets and shocks must be mounted outside of frame unless factory shocks were mounted inside of frame (example 80's Ford). Cadillac and Y frame Chryslers must be mounted outside of frame. Bumpers and brackets may be welded solid to frame. NO brackets may extend further back than 10" from core support bolt. (DO NOT MOVE, RESHAPE OR REALIGN CORE SUPPORT BOLT HOLES). You may run 2 additional 4"x12"x1/4" straps per bumper and may be welded to frame to hold bumper. These may only extend 10" past core support body mount in front. Bumper height from ground limited to 16" minimum with 22" maximum from bottom of bumper. For front of cars you must use front bumper brackets. No rear brackets on front (OEM). Homemade bumpers are allowed, but must follow dimensions of factory bumpers, i.e. Chrysler Pointy. ANYTHING EXCESSIVE WILL NOT BE ALLOWED. IF YOU HAVE A QUESTION, CALL PRIOR TO EVENT.

## **GAS TANKS**

Fuel cells/metal boat tanks must be placed in back seat area and properly secured. Stock fuel tanks must be removed. Fuel cells must be secured so there is no movement (do not use bungee cords for this). If tank is not secure you will not be running. Fuel cells must have secure caps and be leak proof. All fuel lines and connections must have no leaks. NO PLASTIC TANKS (heavy plastic racing fuel cells may be used). You must have a shield of metal or tin between driver and gas tank (this may be mounted with screws).

## **TIRES/RIMS**

Tire inside of tire is allowed. Fork lift tires okay. No fluid inside of tires. Valve stem protectors are allowed. No reinforcing of rims except around bolt holes (2" maximum on outside diameter of lug holes). Small wheel adapters are allowed.

## **9 WIRE**

Unlimited amount may be used (PLEASE CALL WITH QUESTIONS).

## **SAFETY RULES AND REGULATIONS**

1. Cars must have at least one bar attached from roof down to dash area to prevent hood from coming in.
2. Radiator overflow hose must be pointed at the ground and fastened so they cannot shoot water towards officials or other drivers.
3. Header pipes must be pointing straight up, cannot be aimed towards front of car.
4. If you have a hole in the firewall it should be covered.
5. Safety belts required.
6. D.O.T. approved helmets mandatory. Any driver using an open faced helmet will not be covered by insurance if facial injury occurs.
7. Safety glasses or face shield recommended.
8. Mandatory: You must wear long pants and a shirt. Fire suit recommended.

9. 2 fires and you are out unless it's a fuel fire then it's just 1 fire and you are out. JUDGES DECISION IS FINAL!

10. No alcoholic beverages or drugs allowed in pit area or on the track.

11. NO PIT PERSONS ALLOWED ON THE TRACK.

12. Management does have the right to disqualify a car/driver at any time. Any person on track or causing trouble and not complying with the rules will be asked to leave (we can have you escorted off or have you arrested and you can be banned from running or being in pit area at future events).

13. Protests must be made no later than 5 minutes after the heat in question. No protests will be taken after the feature event. Only DRIVERS are allowed to protest a car. Officials will re-inspect the top cars.