

Heats may be ran clock  
wise or counter clock wise

# McLeod County Fair

## Auto Cross Rules

Friday, August 18, 2023

7:00 p.m.

New Class Added:

Two Person Cruiser Class

### McLeod County Fairgrounds, Hutchinson MN

Pit Gate will open at 2:00 p.m. Use the new entrance on the south side of grandstands. All driver must check in at the tower even if you pre-registered. Pre-registration is recommended for all classes, but we will take cars the day of the race.

Classes are based on vehicle size and weight, not motor size or wheelbase.

- **Full Size Truck:** ½ Ton 4x4 or Greater examples: Ford F Series Trucks, Chevrolet Silverado, Bronco, Full Size Blazer, Econoline or any full- size van. **Must have 6 point cage with rolled corner (see rule 23 in rules for vehicles)**
- **Full Size Cars:** 104.26" wheelbase & over Examples: Ford Taurus, Chevrolet Caprice, Pontiac Grand Prix, Any Family Sedan or Wagon.
- **Compact Trucks and SUV 4x4:** Examples: S10 Truck or Blazer, Jeeps, Bronco II, Explorer, Mini Vans **Must have 6 point cage with rolled corners (see rule 28 in rules for vehicles)**
- **Compact Cars: 104.25" & under wheelbase** Examples: Ford Escort (hatchback & wagons), Ford Probe, Pontiac Lemans, and Chevrolet Cavalier.
- **Side by Sides:** Open class
- **2-wheel drive trucks:** Follow rules as full size car.

#### General Rules:

1. All drivers must attend the driver's meeting.
2. Drivers must be 16 years of age. Anyone under 18 must have a parent present and sign a waiver.
3. Drivers are required to sign a waiver on the day of the autocross.
4. The driver must have a full-face helmet, eye protection and a long-sleeved shirt and always pants on during the race.
5. More than one driver per car is allowed if both are pre-registered.
6. No passengers allowed in vehicles, except in the two-person cruiser class.
7. **All vehicles must have number fins that are legible. If the number is not legible it could be grounds for disqualification due to lap count.**

Number fins must be a minimum of 18" X 18" painted black with white lettering (No Letters; ex 11A). Minimum 1" wide numbers on roof. Numbers fins that are hard to

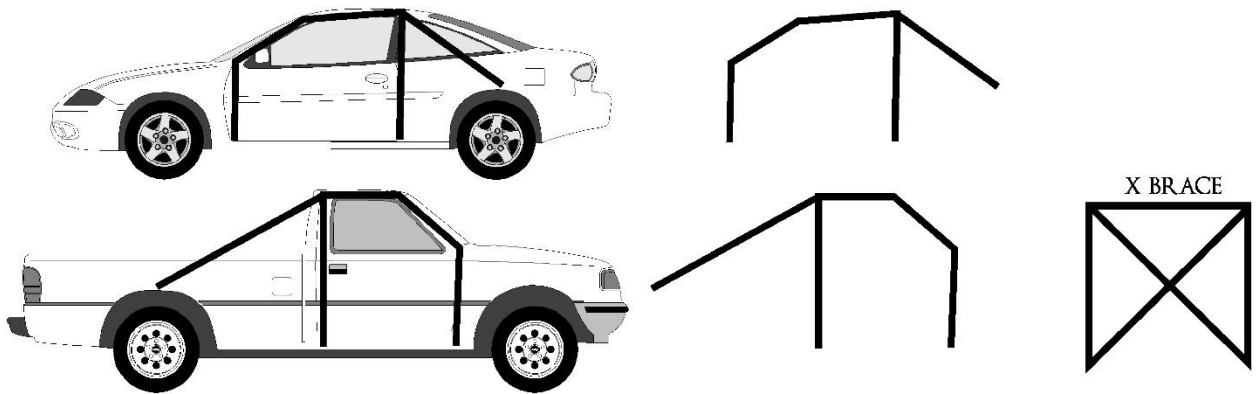
read could result in not all your laps being counted and a shortage of laps. Lap counters are not responsible for errors due to this infraction. There also should be a number on the front by the grill or where head lights are. To help the tech men in positioning you after a red flag

8. All vehicles must pass inspections before they will be allowed to race. Drivers are responsible to make sure they get inspected and approved to race. Officials may do an inspection of any vehicle before, during or after the race, if found illegal car and driver will forfeit all money for the night.
9. Drivers must remain in a dead car unless instructed to do so by an official.
10. Second fire will disqualify.
11. Any flagrant violations disqualify driver and car for the night.
12. The autocross judges will disqualify any car determined to be unsafe to the driver before or during the event.
13. No arguing with an official or staff member is allowed. Arguing with an official or member of the staff is grounds for disqualification and forfeiture of prize money and entry fee. Judges' decisions are final and will not be overturned.
14. If you or a member of your crew is suspected of being under the influence of drug or alcohol, you will be disqualified and be required to leave the grounds.

#### **General Rules for Vehicles:**

1. No vehicles will be grandfathered in just because the vehicle passed inspection the prior year. Some rules have changed and if you have any questions, please call **Pat Kohn** 320.212.7065.
2. Any mass-produced car, pickup, suburban, and or blazer are allowed. (Two- or four-wheel drive vehicles are allowed). Nothing greater than a one-ton vehicle is allowed. No all-fiberglass bodies allowed (dune buggies and fiberglass tubed jeep).
3. Cars and trucks must be stock appearing (must match class that you are registered for.) Must have a seat belt, stock or after market. Must be a lap and shoulder belt, no lap only belts.
4. Must remove all glass. Windshield is optional (driver's window net requirement) Windshields that are removed must have 3 bars spread evenly over 3 feet to prevent hoods and bumpers from flying into the driver.
5. Doors must be chained or welded shut. (Scuff bar is allowed, as long as corners are tapered)
6. Bumpers can be off any passenger car or pickup, no greater than a one ton. Bumper: front and back are to be no wider than the vehicle. If the bumpers are to be cut, the edges should not be sharp to prevent cutting tires. Bumpers are to be chained or welded to a frame.
7. The radiator must be in stock location. Electric fans are allowed. Radiator protection is allowed but is to function as protection for the radiator only. Must be behind bumpers and no greater than 1 ¾ tubing same as roll bar. These are not to be designed as butting rams or you will be asked to remove it before the race. Judge's discretion is final.
8. Battery may be moved but must be secured. (No rubber straps)
9. Gas tanks and fuel lines may remain in stock location for the following.
  - a. Cars: vertically above or ahead or rear end and between frame rails in a safe location. Can't be behind rear end.
  - b. Trucks: between frame rails in a safe location. Skid plates recommend.

10. Tanks that are moved must be secured in box or trunk. Filler spouts should not extend out past vehicle. After market tank must have check ball in the line of breathers to keep fuel from splashing out. If the vehicle has an electric fuel pump and the tank is removed, it must have electric shut off switch or a manual valve easily accessible.
11. Holes in the firewall must be tined or sealed to prevent fire from spreading to the driver. No spray foam allowed anywhere on vehicle.
12. Trunks and tailgates must be chained or welded shut.
13. Pickup truck cabs may be bolted or welded shut.
14. Exhaust through the hood is allowed if they are less than three feet high.
15. Transmission coolers are allowed, must be mounted in such a way that if punctured it will not burn you or other drivers.
16. Welded rear ends are allowed.
17. No split rims.
18. Shift linkage may be moved.
19. One interior mirror only, no outside rear view mirrors.
20. Hood must have hood pins or chains. Factory latches must be removed in case of fire. Hood hinges can remain stock.
21. No nitrous oxide is allowed.
22. Roll cage must be made of minimum 1 3/4" pipe or tubing with 1/8" wall thickness, steel only. Corners may be bent or mitered, if bent must be made with tubing bender, if miter cut you must have an additional gusset plate no less than 5" long on each bar (see diagram with gussets). Must have diagonal bracing to form a triangulated support (x-brace in center hoop). All bars must be fully welded and should be properly fit for strong weld. Uni-body cars must have steel plates on roll cage to attach cage to body, all full frame vehicles must have roll cage attached to frame. Main hoop should be within 12" of driver. Hoop can't extend past cab by more than 6" in height and no wider than widest point of body. Main hoop must also have two kickers from top of hoop to area closest to rear axle as possible, same requirements for tubing as main hoop. No I-beam, fence post, black iron, must be round or square tubing.
23. **ALL TRUCK CLASSES TO HAVE A 6 POINT ROLL CAGE (2 wheel drive trucks will follow the rules of the full size car) MADE OF 1 3/4" ROUND TUBING WITH BENT CORNERS (FROM TUBING BENDER) 6 POINT CAGE MUST CONSIST OF MAIN HOOP BEHIND DRIVER, HOOP OVER DRIVER TO FRONT OF CAR WITH POSTS NEAR DRIVERS FLOOR BOARD, KICK BARS FROM MAIN HOOP GOING BACK TO MOUNT AS CLOSE TO REAR AXLE AS POSSIBLE. SEE ILLUSTRATION. MUST HAVE X BRACE IN MAIN HOOP BEHIND THE DRIVER. MOUNT CAGE TO FRAME IF FULL FRAME VEHICLE, IF UNIBODY MUST USE 6"X6" PLATES TO MOUNT CAGE TO BODY.** Driver side door bars are highly recommended.
24. **Compact and full-size Cars must have a 4-point cage.** Rear hoop behind drive seats with x brace and kicker from top of hoop down to frame or body. **If going to body must have 1/4" plate on body. A 6-point cage is recommended.**
25. **Shock rules will be as follows –For all vehicles if changed from factory installed shock. Must be a full body steel shock with a full steel dust-shield in stock position. No modification of shock or mounting system or location. No painting or removing stock logos on the shock.**



Please see class description has changed for compact and full size cars based on wheelbase of vehicle

Compact cars – 104.25” and under

Full size cars – 104.26” and over

Wheelbase measured from center of rear hub to center of front hub. No modifications to meet wheelbase requirement for either class.

These rules are for your safety and should not be taken lightly, please always build your cage with your safety in mind (no short cuts). If your cage is not to the inspector’s satisfaction, you will not be racing!

#### Two Person Cruiser Car Class:

- The above rules will apply to the class along with passenger protection in place, window net and seatbelt.
- One person with the steering wheel and other front seat will have control of the gas and brakes.
- Must be a full size or compact cars only.

#### RULES FOR SIDE-BY-SIDE ATV CLASSES. Open Class

- Drivers and riders must wear a helmet, eye protection, pants, long sleeves shirts and the seat belt during racing.
- No alcohol allowed before or after the race.
- Four-point harness required.

Autocross is a racetrack with jumps designed for trucks and cars. This is ran by the McLeod County Fair Grandstand Committee.

**Autocross Pay Out:**

Class	1 <sup>st</sup> Place	2 <sup>nd</sup> Place	3 <sup>rd</sup> Place	4 <sup>th</sup> Place	5 <sup>th</sup> Place
Full Size Truck 4x4	\$600.00	\$300.00	\$200.00	\$150.00	\$100.00
Full Size Car	\$600.00	\$300.00	\$200.00	\$150.00	\$100.00
Compact Truck 4x4	\$600.00	\$300.00	\$200.00	\$150.00	\$100.00
Compact Car	\$600.00	\$300.00	\$200.00	\$150.00	\$100.00
Trucks 2 wheel Dr	\$600.00	\$300.00	\$200.00	\$150.00	\$100.00
2 Person Cruiser Car	\$700.00	\$300.00	\$200.00	\$150.00	\$100.00
Side-by Side Open	\$300.00	\$100.00	\$ 50.00		

**REGISTRATION FOR FRIDAY AUTOCROSS RACE IS DUE BY AUGUST 16, 2023**

PRE-REGISTER FEE IS \$25.00 PER CLASS. THIS IS FOR CLASS ONLY EVERY PERSON WILL PAY THE PIT PASS FEE OF \$20.00 THE DAY OF THE RACE. YOU CAN REGISER THE DAY OF BUT THE COST WILL BE \$35.00 FOR THE CLASS. ALL PRE-REGISTRATION MUST BE RECEIVED BY AUGUST 16, 2023.

Circle the classes that you are racing in.

Full Size Truck 4x4     
  Full Size Car     
  Compact Truck 4x4     
  Compact Car  
 2Wheel Drive Truck     
  2 Person Cruise Car     
  Side by Side Open

Veh Year \_\_\_\_\_ Make/Model \_\_\_\_\_

Veh # \_\_\_\_\_ \$ \_\_\_\_\_

Pre \$25 per class

Name: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

Second Driver: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

Cell Phone Number: \_\_\_\_\_ Driver #2 Cell: \_\_\_\_\_

Address: \_\_\_\_\_

Second Driver Address: \_\_\_\_\_

Sponsors: \_\_\_\_\_

Mail in forms to:  
 Tina Huebner  
 16456 Major Ave, Hutchinson MN 55350

Checks payable to: McLeod County Fair