

Lee County Fair 4 Cylinder Enduro Rules 2024 Enduro Rules

The Race Director and Track Officials shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that, in their opinion, do not alter the minimum acceptable requirements.

Eligible Vehicles

1. Any stock, 4- or 6-cylinder FWD passenger car or minivan allowed.
2. No convertibles or trucks.
3. This is a true "Stock Car" class. Stock engine for that make and model from the throttle body to the exhaust manifold, stock transmission, stock frame, stock steering, stock front & rear firewalls, stock dashboard, stock steering column, stock pedals, stock unaltered differential, no welded or locked differentials.
4. **No race cars. If your car has raced as a Hornet or sport compact by anyone at any time at any track it is not allowed.**
5. **If running a V6 – 2 play wires must be taken off**

Preparation of Vehicle

1. Remove all insulation and upholstery from the interior and under the hood
2. **Remove all the Airbags. Car horn, radio, and speakers may be removed. Full dash must remain in the vehicle. Dash removal will be a 5 lap penalty.**
3. All holes in the floor or firewall must be covered with securely mounted steel.
4. Sunroof opening must be sealed off with securely mounted steel.
5. NO mirrors allowed. This includes sun visor mirrors, rear view mirror, side mirrors, ect.
6. All body parts required, except bumper covers. Parts don't have to match the car specifically but need to be securely attached.
7. Removal of a rear hatch is allowed, not required
8. Remove all glass including headlights and taillights except windshield.
 - a. If windshield is removed cars must have a minimum of three (3) 3/8" support braces.
 - b. Lexan or wire mesh 1" or smaller with .035 or larger wire complete windshield opening side to side must be covered.
 - c. If the windshield remains it may only have minor cracking and spider webs that do not impair driver vision. No holes or cracks that compromise the laminate.
 - d. All window openings, besides the windshield, will be wide open. No "quarter fillers". It is important to be able to see through the cars ahead.
 - e. **Window Nets ARE Mandatory and must be able to open by the driver.**
9. **Seat and Seat Belts**
 - a. 5 point racing harness highly recommended..

- b. Shoulder belts need to be supported at shoulder level and securely mounted to the rear bar, NOT the seat. Lap belt mounts should swivel.
- c. Racing seats allowed, **securely mounted** to the roll cage or factory seat mount. Secure both the bottom and the back with oversize washers.
- d. All seats must have a headrest.

10. Battery

- a. Must be securely fastened.
- b. Battery must be covered with rubber or in a box. NO CARDBOARD!

11. Gas Tank

- a. Stock tank may remain in place if it is ahead of the rear axle.
- b. If behind the rear axle it must be replaced with a fuel cell or boat tank (8 gallons or less) and mounted in the trunk.
- c. Fuel cell or boat tank must be secured by a minimum of four (4) 1/8" x 1" steel straps with minimum 3/8" hardware with large head washers. NO plumber's tape.
- d. If a fuel cell is used, the trunk firewall must be sealed off.
- e. If a fuel line runs through the car, it must be in a sealed conduit.
- f. Only One fuel cell OR tank per car
- g. **Cars with fuel leaks will NOT be allowed to run.**

12. Brakes

- a. All cars must have functioning four- wheel brakes.
- b. Cars not appearing to have adequate brakes may be black flagged.

13. Hood and Trunk

- a. Hood and trunk may NOT be gutted. Must have a hood.
- b. Hood can be on the stock, working hinges
- c. Factory hood latch can be replaced with hood pins. Can not bolt hood shut
- d. Engine compartment must be sealed off from the Driver at the back of the hood/base of the windshield cowl.

14. Bumpers

- a. Factory or aftermarket stock car bumper covers allowed.
- b. Do not have to start the race with bumper covers, however a full, stock bumper support must be in place if cover is missing.
- c. NO angle iron, NO channel iron, NO additional bracing, NO trailer hitches.

15. Doors

- a. Doors must be welded or locked, chained, or bolted shut. No wire, rope, ratchet straps, ect will be accepted. No seat belts securing doors.
- b. Three (3) Driver's side door bars are recommended. See Roll Cage and Bars later in the rules or a 2 inch plate on driver door.
- c. Driver door may be gutted if the door bars are installed out to the door skin.

d. Passenger door may only be gutted if there are passenger side door bars and then only for bar clearance.

16. Tires, Wheels and Lug nuts

- a. Stock OEM wheels. Aluminum wheels allowed. Must be chevy to chevy, ford to ford, etc..
- b. No wheel spacers allowed.
- c. Stock steel wheels HIGHLY RECOMMEND 1" lugnuts on front**
- d. Wheels and tires must be the same size across the axle. (ie. both fronts the same, both rears the same)

Novice Class

- a. Passenger car tires only, No racing, autocross, competition DOT, SCCA, Snow Tires, recaps, or made for racing "cheater tires". **No indy Firehawk tires**
- b. Tread Wear. All tires must have a UTQG rating of 400 or higher. If there's no treadwear clearly marked you can't run it.
- e. No soaking tires
- f. Highlight UTQG rating and tire size with white paint marker.
- g.

17. Exhaust

- a. Exhaust MUST exit behind the driver.
- b. Exhaust cannot point at the gas tank.
- c. Excessively loud cars will be asked to reduce noise in future events
- d. Exhaust must be securely mounted.

18. Radiator and Protection

- a. Any radiator in the stock location is allowed.
- b. No Antifreeze Allowed. Must drain before you get to the track as water may not be available
- c. A radiator protection bar/repairs radiator support constructed of 1" tubing no thicker than 1/8" is allowed. May not tie into strut towers.. No angle iron allowed

19. Suspension – Stock spring, struts, shocks.

- a. Stock Suspension Components only.
- b. No racing springs, cutting springs, heating and softening springs or spring spacers in, on top of, or under springs.
- c. Maximum .5" camber measured by a Carpenter square on front tires to start the race. .5" is measured by the difference between the bottom of the wheel to the top of the wheel, not the tire. Rear tires .25" allowed to start.

- d. No rear steer.
- e. No chains, tethers, ect that would limit suspension travel in either direction.

Safety Requirements

1. Snell 2010 (or newer) or DOT Approved full face helmet.
2. Full racing fire suit recommended (either one piece or shirt and pants). Long sleeves and long pants are mandatory.
3. Gloves required – racing gloves strongly recommended.
4. Racing shoes or boots are strongly recommended.
5. Neck collar or other style head and neck restraint HIGHLY recommended.

Roll Cage and Bars

1. At minimum one horizontal bar from B-Post to B-Post behind the driver's seat is mandatory at or slightly below shoulder level securely bolted or welded with plates..
2. Recommended: Roll Hoop with horizontal mid bar and two down bars back to rear strut towers.
3. **Highly Recommended: Full 4 post roll cage. Dash must remain in the car in stock location. You may notch the dash. Two rear down bars back to the strut towers is encouraged.**
4. No tubing may extend through the firewall or past rear strut towers.
5. All tubing must be Minimum tubing size is 1½" x .095 thickness.
6. Door Plates highly recommended.
7. 2 inch flat plate on driver door.
8. If you have a passenger 2 inch flat plate on passenger door

Not Allowed

1. NO radio communication allowed other than raceceiver communications from HD staff.
2. NO cell phones. **No electronic devices including code readers or tuners in car**
3. NO bracing anywhere besides the driver's compartment.
4. NO Great Stuff (or other expandable foam) allowed in fenders, quarters, etc. no tire flat
5. NO ballast or lead.
6. If you have a passenger, door bars or 2 inch plate

Additional Criteria

1. Cars must be painted in easy to see colors. Car numbers (side and recommended one on the roof) must be at least 20" in an easy to see contrasting color. Be prepared to change your number at the track if needed.
2. Driver's name must be clearly lettered on the right side of the vehicle on the rear-most part of the quarter panel – higher than the bumper in letters at least 6" high.
3. No obscene, profane, distasteful slogans, political propaganda. This is a family event.

4. Raceceivers are Mandatory – Rentals available – bring earbuds! Scanners allowed.
5. Drivers must be 16+ to participate. Drivers 14+ are allowed with track approval. **Must be approved before race day.** Contact HD to get approval and start in rear

PROCEDURES

Entry Fee: Must be received one week prior to event to qualify for the pre-registration deadline

Line up: All pre-registered cars will be included in a random drawing to determine the starting lineup. Non-pre-registered cars will be lined up behind the pre-registered grid in the order they pass tech. Cars that have not successfully passed tech 1 hour before the scheduled start time lose their starting position.

Scoring: Transponder scoring is used at HD events. You can supply a working Westhold transponder, or one can be rented (for \$15) at the event. Non pre-registered cars receive rental units on a first come, first served basis.

Car Claim: Winning car is subject to a \$1500 claim. Claim will be cash to the Race Director with in 10 minutes of the winning car arriving in post race tech. If more than one Driver wants to claim, the winning name will be drawn from a hat. To be eligible a driver must complete 75% of the laps.

Post-race: Top 3 Cars in each class will report to podium for post race interviews, then report to Tech Barn for post race tech. Cars that do not pass post race tech will be disqualified.

An Effort will be made to allow everyone to race. Rules violations may be subject to lap penalties at the start of the race.

Lee County Fair 4 Cylinder Enduro Registration

Pit Pass \$35.00
Pre-Entry Car Cost \$35.00
Day of Entry Cost \$40

Name: _____

Address: _____

Age _____ **Phone Number** _____

Email _____

Type Of Car _____

Emergency Contact _____

Emergency Contact Phone # _____

Pit Gate Opens @ 3:00
All Cars Must be Inspected by Lee County Fair Board
Must be Through tech by 6 P.M.

Mail registration to
Lee County Fair
P.O. Box 179
Donnellson, IA 52625