



# **BIG STONE COUNTY FAIR**



## **ENDURO RACING**

### **COMPETITION AND SAFETY RULES**<sup>09</sup>

**IN 2009 WE RETURN TO RACING AT THE BIG STONE COUNTY FAIR WITH REAR & FRONT WHEEL DRIVE RACE CARS IN AN ENDURO FORMAT.**

1. Enduro participants must be 16 years of age or older with a valid drivers license. No one under 14 years of age will be allowed in the pits. Legal consent of parent/guardian and notarized release waivers are required for all persons under the age of 18 who will be competing in the race.
2. Pre-registration of car, driver, and payment is required before 8am the day of the event. **Late registrations will be charged an extra.** Registration fees should be paid by cash, money order, or check, or for races at BSC Fair grounds on-line with a credit card or Pay Pal account at [www.bscfair.org](http://www.bscfair.org). Any NSF checks will be charged \$20 plus cost to recover. All drivers and pit people must pay entry and register at pit gate. Drivers will draw for starting position during registration. Lap counters (scores) are optional.
3. **EVERYONE** entering the event area is required to sign **their own name** on the entrance waiver before entering event or pit areas.
4. Yelling at, use of profanity toward, or interrupting an official while they are trying to monitor the event will result in RED FLAGGING of the event and offender(s) will be escorted from the event area before the event will resume. This will also mean disqualification and forfeiture of fees/winnings. Drivers – tell your pit crew to keep their tongues in check, as this goes for them as well!
5. Pit crew, drivers not in current event and spectators must stay out of the safety zone that will be explained at the pit meeting as this area is for officials and fire & safety crews **ONLY!**
6. All drivers and Pit crew are required to attend the pit meeting shortly before the event.
7. The officials reserve the right to disqualify any demo unit or driver determined to be unsafe to drive or not in the spirit of the rules before, during, or after any event. Yes, winning units may be re-inspected -so don't cheat!
8. You must remove your demo unit from the grounds as soon as possible but no later than Sunday one week following the event or the fair board will remove it and the owner(s) will be charged any expense of removal and disposal.
9. **Compact class cars** will follow the same rules as the full size with the exceptions given for STOCK items that are common in FWD's but are not allowed in RWD's. For this start up year we will default to FWD rules as run in Swift County and Grant County races but only in the areas of BUILD RULES, these safety and competition rules as layed out here will be followed. If you have questions – ASK before hand – don't just argue when you get to the track.
10. There will be no duplication of car numbers. The first car entered with that number may get the number, and any other car will have to change their number, however preference will be given to veteran cars. A large metal sign must be bolted to the roof of the car displaying the number. Each digit of the number must be a minimum of 12"h x 9"w, facing each way (left and right) from the driver's seat. EXAMPLE: the number 333 should cover an area 12"h x 27"w.
11. The Enduro Race itself will consist of two nonstop 45 minute races, there will be 45 minutes for each the rear wheel drive cars and the front wheel drive cars. The red flag will be brought out only in the event of serious safety situations or to water the track. Restarts after a red flag will be standing restarts. There will be no realigning of the field to current positions.
12. **RED FLAGS**—You will stop on a red flag! No pitting on a red flag. No pit crew on the track during a red flag. If your car is off the track and in the INFIELD DANGER ZONE, you may NOT work on your car. **PIT STOPS ON GREEN FLAG ONLY. NO PASSING CARS ON A RED FLAG. ANY VIOLATIONS AND YOU WILL BE DISQUALIFIED.**

13. Cars will be towed off of the track during red flags as directed by flagmen if they are stalled, stuck, or in a dangerous position for that driver or for others. FLAGMAN'S CALL IS FINAL! Cars towed off will not be allowed back on the track.
14. Cars will be removed by officials only, unless otherwise directed by a flagman. Any attempt to remove your own car and you will be disqualified.
15. Only one tow/parts vehicle per Enduro entrant allowed into the pits during the race.
16. Any fire on your car and your done for the day.
17. You will be disqualified for aggressive driving or excessive speed in the pits.
18. No alcoholic beverages allowed in the pit area.
19. Race time will be extended only if an extended safety condition requires it. Drivers will be notified.

### **MOTOR RESTRICTIONS**

1. Stock motors in stock position only. Cast iron exhaust and intake manifold only. No headers, no high-rise intakes, no aluminum intakes, heads, or blocks. Two(2) barrel carbureted engines only, no performance carbs. No electric fuel pumps.
2. No roller cams or rockers. Stock valve covers and oil pans only. No machining of intake or exhaust manifolds for performance purposes.
3. Top five winners WILL be required to remove valve covers. Discrepancies will be disqualified.
4. Track officials may also spot-check any car for stock motor restrictions.

### **COMPITION RULES**

1. Any street stock passenger automobile may be used. No pickups, 4x4's, compacts, or imports allowed. A minimum wheelbase of 102". Exceptions to stock are listed below:
  - A. All doors and trunk lids must be bolted, welded, or strapped shut. Leave a 6"x6" minimum inspection hole in the trunk so we can look inside of it. You will not be allowed to race without the hood or trunk lid.
  - B. Only one (1) battery allowed. Battery must be located under the hood and mounted securely, **no tarp straps**. No firewall cut outs permitted for battery placement.
  - C. Any DOT street tire on any OEM or standard aftermarket rim may be used. No bead-lock rims.
2. OEM gas tanks must be in stock position and held and held securely with 2 additional straps made from a minimum 1/8"x1 1/2" wide strap iron (minimum), and they must be welded or bolted with 3/8" bolts and adequate washers. Only one gas tank allowed. You may replace gas tank with an approved racing fuel cell with steel outside container, and place it under the trunk lid between the frame rails, original tank or fuel cell must be covered. Any gas leaks and you're disqualified.
3. Mud flaps required on rear only. Flaps must be made of heavy rubber material (such as truck flaps or belting), one flap must be mounted securely to the rear bumper for each rear wheel. Each must hang 2" from the ground and must be at least 18" wide.
4. No reinforcement of car frame, structure, or bumpers allowed with exception for those listed below:
  - A. Front and rear bumpers must be welded or strapped to the frame so they won't fall off if impacted. 1/8" sheeting is allowed from the bumper to the fender. If your bumper falls off you will be disqualified and out of the race. Must be original type bumper. No chopped off or shortened bumpers permitted.
  - B. Optional braces from frame to corners of front and rear bumpers are allowed. Braces not to be made from pipe larger than 1 5/8" O.D. One brace per corner. No nerf bars.
  - C. Rear frame of car may be reinforce to protect gas tank or fuel cell, however it must stop 3" from the top of the arch in the frame above rear axle and ahead of the rear bumper. Reinforcements must also stay between frame rails.
  - D. Optional hoop over radiator with 2 support braces, none of which is to exceed 1" O.D. pipe. Hoop must not exceed 2" in front of the radiator mount. Braces not to extend past front of "A" frames. One brace of 1" O.D. pipe maximum maybe added between front frames.
  - E. Metal used to cover radiator of front of car must not exceed 1/8" with no bracing. Skid plate allowed, made of maximum 1/8" sheeting, from radiator saddle to front cross member.
  - F. You will be allowed to repair damaged area of car, but repairs must not extend beyond damaged area and must not be considered excessive. Excessive sheeting of body will not be allowed. Call for official suggestions and approval.
5. NO metal is to be removed from car (except for chrome trim and glass frames). Wheel wells, fender liners, etc. can be altered 2" to 3".

6. No suspension alterations permitted. **All** suspension parts must be **stock** and in stock position. No coil over shocks.
7. Absolutely no glass allowed to be left in car or inside doors. Broken glass must be completely cleaned out of the car **before** it comes to the track. Absolutely no mirrors.
8. All trim, light bezels, door handles, chrome, debris, and loose materials etc. must be removed completely from the passenger compartment and trunk of car.
9. Back seats must be replaced with tin flash shield between driver and rear of car. No profanity on cars.
10. No exhaust coming out of the hood. No holes allowed in the hood. All exhaust must remain under car.
11. No water bars or tanks. No lead weights, sandbags, or other weight can be added to the car.
12. Cars must have OEM working brakes on all 4 wheels and at least 1 3" working brake light in rear window. **BRAKES WILL BE CHECKED.**
13. Electronic counting system will be used. A transmitter will be mounted in each car. To accommodate this, a 6"x12" plastic board will be mounted in the lower rear corner of the right hand window opening, parallel to the door in line with where the door glass used to be. (See dotted lines in Illustration #6) On 4 door cars, mount the board in the lower rear corner of the right rear window. Do not paint the boards.

## **SAFETY RULES**

-These safety rules are to help keep you safe. You may add to the required rules to keep you safer.

1. Heavy window screen with 2"x2" maximum hole size is required on the front windshield opening. Minimum of four 3/8" metal bars to support the screen are required. Driver's window must have racing net with quick release.
2. FULL FACE DOT APPROVED HELMET MANDATORY with full-face shield. Removal of eye protection face shield at any time will result in a black flag.
3. 4-point minimum racing harness required. It must be held in place with 7/16" grade 5 bolts and adequate washers. Inspection committee must consider belts safe or you won't race.
4. Seat and floor panels must be solid and secure. Racing seats may be used. Fiberglass seats must have adequate reinforcing structure behind them. No passengers allowed in the racecar.
5. Full 6-point roll cage made of 1 5/8" heavy gauge pipe, no square tubing, exhaust pipe, or pipe fittings. Cage must remain completely within the passenger compartment. Both driver side and passenger side doors must have 3 bars in the horizontal position to reinforce each door and a "vent bar" in the window. Rear hoop must have "X" brace. Front hoop must have horizontal pipe above and below windshield opening. Top, or roof area, of cage must have one brace across opening. Rear braces must extend from the top of the cage to 3" ahead of the top of the arch in the frame above the rear axle. All joints and mountings must be welded securely. No enclosing of car interior with tin or any other type of material. The roll cage must be welded to the FRAME of the car, not just the floor. If the car has no frame under the roll cage area you must build the floor to hold the cage.
6. Transmission cooler, if used, must be in front of radiator. Only one radiator in stock position, no electric fans.
7. A fire extinguisher is required in each pit area, optional in car.
8. Absolutely no alcoholic beverages in the pit area and clean your pit area at the end of the race or your winnings may be held back.
9. No wireless communication allowed during the race.
10. **These rules will be strictly enforced as interpreted by the officials, not the drivers. If it's not right, you won't race. If you have questions call your local track official.**

These rules were written to help protect you and the sport of Enduro racing. Please abide by them. If you have any questions please call. All rules will be enforced in the best way possible. Please read them carefully and work with us to make this a fun and successful season of racing. Thank you in advance for your help, participation, and adherence to the rules.