



2020 ENDURO RULES

PLEASE NOTE. It is the driver's responsibility to look over and/or upgrade all personal safety equipment: a full containment seat, a head and neck restraint, a fuel cell with all of the proper check valves in place, a new fire suit including proper undergarments, gloves, socks and shoes that all meet the highest of safety ratings. It is highly recommended that all safety equipment meets the Snell 2015 rating and be SFI/I approved.

1. ENDURO RULES

- ❖ Four or six cylinder, front wheel drive, factory fuel injection, complete stock body and complete stock frame from front to rear. All exterior body panels will remain stock front to rear.
- ❖ No alterations will be made unless the rules expressly state alterations are permissible.
- ❖ No convertibles, 2 seat coupes, trucks or super or turbo charged cars are allowed.
- ❖ Drivers may secure bumpers to frame mounts with a maximum of 1/8" thick angle iron or flat stock. No heavy tubing or channel. Nothing over 1/8" thick and 4" tall. This is permissible to save teams time and the cost of purchasing OEM bumpers. Adding too much bumper support will result in the team cutting them off. Allowable is adding one piece of 1.75" x .090 (maximum size) tubing between frame horns (both front and rear) to provide a solid place to attach the chain/cable hook-up. Standard hardware cloth may be attached in front of the radiator, but no expanded steel or equivalent is allowed.
- ❖ Both front and rear bumpers must be strapped or chained to the frame to prevent dragging. When removing the vinyl covering on the dashboard, the "ugly stuff" may be covered up with a piece of aluminum or sheet metal. Rub rails are allowable when securely mounted with carriage bolts and smooth ends.
- ❖ Any patch work on the exterior of the car will have steel or aluminum patches. All sheet metal will be riveted or welded; no sheet metal or self-tapping screws.

2. ENGINES, FUEL TANKS AND EXHAUST.

- ❖ Unaltered stock ECM computers. No aftermarket computer chips.
- ❖ Cars will use OEM transmissions and engines that match the make of the car (i.e., Chevy to Chevy; Ford to Ford; Honda to Honda, etc.)
- ❖ All cars must start with the stock ignition key or a simple push button/toggle switch. All of the stock wiring to the car will remain intact. Engines and transmissions are to remain stock.
- ❖ Stock style exhaust with a working muffler

3 WHEELS & TIRES

- ❖ 7" wide Maximum Stock or safety wheels. No more than a 3.5" backset on any wheel.
- ❖ Stock DOT Radial Tires. No trick or exotic tires. No Z Rated Tires
- ❖ Any 55, 60, 65, 70, 75 or 80 series radial tire 165-215. Minimum tread wear rating of 300. Tread wear rating must be visible on outside of tire. All 4 wheels must have the same size tire, no mixing of sizes. The track has the right to reject any tire.
- ❖ No wheel spacers of any kind

3. GAS TANKS AND BATTERIES. A racing fuel cell or a stock gas tank in good condition and in its stock location is required. Double check the gas lines and the tank straps, replace them if they are worn. All cars must have a shut off switch next to driver window which can easily be reached from the outside of the car. batteries can remain in stock location or can be moved to the cockpit behind the driver. any cockpit mounted battery must be 100% covered & secured.

4. COCKPIT.

- ✦ There will be no gutting or stripping of any metal inner body panels unless the roll cage bars go all the way out to the door skin. Minor gutting of the non-cockpit body parts is allowable. For four door cars, the driver's side window/door post between the front and back door may be removed for roll bar clearance and added room to exit and enter the car.
- ✦ The original windshield may remain as is; however, a full Lexan windshield is highly recommended. All other glass must be removed. All cars will run a minimum of a 30" wide windshield positioned over the driver.

5. STEERING AND SUSPENSION.

- ✦ All steering and suspension will remain stock with no modifications, front to rear and side-to-side. No more than 1.5" of camber on the front tires and no more than 1/2" on the rear tires (measured with a 24" carpenters square).
- ✦ The wheelbase will remain within a half inch from side to side (rear steer).
- ✦ Drivers may have a quick release steering wheel for safety. The complete stock steering assembly must remain.
- ✦ Brake and gas pedals will remain stock. A toe clip on the gas pedal is highly recommended.
- ✦ Struts may be taken off for inspection at any time during the event. No cutting, shortening, heating or stretching of the springs. Springs and struts must be stock for the car's make, model and year. **All cars must bounce freely up and down.**
- ✦ All cars will be checked for locked front axles. With one side of the car jacked up, either tire must spin freely when the opposite tire is on the ground.

6. SAFETY.

- ✦ All Enduro cars are strongly recommended to have a minimum of a 4 post roll cage. The minimum round or square tubing size is 1.5" x .095" thick; no exhaust tubing or old rusty well pipe allowed.
- ✦ Full face helmet & Fire Suit top will be the minimal requirements
- ✦ Full jeans, socks & shoes (no sandals or open toes shoes) required
- ✦ Shoulder and lap belts are required; racing harness is highly recommended.
- ✦ A latching window net is strongly recommended in all cars.
- ✦ Highly suggested that all cars at a minimum in any of the events have a steel door plate over the driver's door along with a horizontal bar, channel or tube welded securely between the two uprights of the cars main shell just behind the driver's seat. You will then have a safe secure place to attach the back of your seat to as well as a good spot to attach a set of aftermarket shoulder harnesses to.
- ✦ Air bags must be removed.
- ✦ When using a stock seat, make sure the seat tracks are solidly bolted or welded.
- ✦ Rear bars will be a maximum of 1.50" round or square tubing. The rear support bars may extend rearward from the top of the cage behind the driver, angling down to the rear of the trunk area.
- ✦ Two bars may extend back from the middle section of the back hoop rearward. No bars may extend through the rear of the trunk area. Drivers may have an X between the two rear diagonal bars. The rear strut towers may be supported with the back bars to help keep strut towers in place. Bars are allowed to extend through the front firewall for added leg protection for the driver. These bars may attach to the strut towers, but may not go any further forward. Front hoops are allowed for safety. 1.5" round tubing maximum. No heavy square tubing or channel.
- ✦ Radiator support may be built using light weight steel rather than using the stock core support.

- 🚩 Stock bumpers and all front OEM sheet metal are required.
- 🚩 The original hood and trunk latches must be removed and replaced with a quick release hood pin system. Any hatchback may be removed entirely or must be solidly welded or bolted shut.
- 🚩 All holes in the floorboard and front firewall must be covered securely with sheet metal. All sheet metal will be riveted or welded; no sheet metal or self-tapping screws.
- 🚩 Carefully vacuum all loose glass or material from the interior of the body panels. All loose rust flakes or trim must be removed from cars. Use a sledgehammer on bumpers to knock off the loose material from the undercarriage.
- 🚩 The cockpit and trunk areas must be clean and vacuumed before a car is allowed on the track.

Please send your tech question or concern to gary@kalamazoospeedway.com and it will be forwarded to the applicable personnel for response.