



**2018**

# **STOCK 8 ENDURO RULES**

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## ELIGIBLE CARS

The Stock 8 Cylinder division is open to any American made normally aspirated sedan built from 1960 through 2016, with a minimum wheelbase of 108". Excluded are trucks, convertibles, four wheel drives, T-top cars, mid-engine, aluminum bodied, and special production sports cars. No superchargers, turbochargers or hybrids allowed. All cars are subject to approval by track officials.

Any car deemed to be outside the intentions of the division will be disallowed at the discretion of the track officials. If you have any question as to the eligibility of your car, please ask officials to approve it before you waste valuable time and materials constructing a car which may be disallowed.

Any car deemed not structurally sound (i.e. excessive rust of the frame or unibody, etc.) will be ineligible to compete. The decision of Track Officials and raceway management will be FINAL.

Stock means for the Year and Make of the car being used.

## PERSONAL EQUIPMENT

1. All drivers must have a full face Snell 2005 rated or better helmet. In good condition.
2. Firesuit SFI rated 3.2A-1 or better highly recommended.
3. Racing Gloves and Shoes SFI rated 3.2A-1 or SFI-1 or better highly recommended.
4. Neck brace or HANS type device Recommended.
5. AMB 260x, MyLaps Flex or MyLaps X2 transponder mounted a minimum of 18" behind the rear axle on passenger side MANDATORY.

## BATTERY

1. Battery may be relocated in the engine compartment.
2. Only one standard automotive battery, maximum 12 volt, will be permitted.

## BODY AND EXTERIOR

1. Absolutely Stock Only. No modifications of any kind.
2. All glass must be removed except windshield. Windshield may be replaced with reinforced Lexan (3/16 thick minimum). A minimum of 2 straps of 1/8" x 1" steel must be installed inside and outside of the windshield for reinforcement of the Lexan.  
**DO NOT LEAVE BROKEN GLASS IN CHANNELS!**
3. All doors must be chained, welded or bolted shut. (welding available at track welder)
4. Hood must be secured with chains, pins or bolts and must be openable for inspection.
5. Trunk deck Must be present and must be secured shut, either bolted or chained.
6. A minimum of a 10" hole must be cut in the hood directly over the Air Intake.

## BODY AND EXTERIOR (CONTINUED)

7. Sunroofs must be covered by one sheet of 18-gauge (minimum) steel and riveted or welded. **NO SCREWS!**
8. No sharp edges anywhere on the exterior of the vehicle.
9. Headlights, Tail lights, Chrome trim and all other trim must be removed from the outside of the vehicle
10. No Rub rails allowed.
11. Stock Bumpers and Bumper covers required, no sharp edges on bumper ends, no reinforcement of bumpers permitted.
12. Bumpers may not exceed 18" in height.

## INTERIOR AND DRIVERS COMPARTMENT

1. No holes in driver's compartment, all holes must be covered by sheet metal.
2. All interior trim must be removed. Dashboard must remain.(unless optional roll cage is used)
3. All air bags must be removed.
4. No sharp edges in the driver's compartment.
5. Stock Steering column required. The center of all steering wheels must be padded.
6. Drivers Door must be padded
7. Seatbelts must be in good condition and in working order. 5-Point harness allowed.
8. Allowed, Crossbar, 4 point Roll bar or 4 Point Roll Cage
  - a. Crossbar - installed just below shoulder height
  - b. 4 point roll bar - Rear vertical hoop behind and above the drivers' head, A cross bar at shoulder height must connect the left and right of the rear vertical hoop with 2 rear downbars that must not extend past the rear axle.)
  - c. 4 point cage - 1 3/4" X .095" round steel tubing.
    1. Unibody car - Roll cage must be attached to unibody with no less than 1/8 inch steel plate. Plates must be a minimum of 6 inches x 6 inches.
    2. Full Frame – Roll cage must be attached to the top of the chassis on both sides. Cage must only be built to protect the driver. Reinforcement of the frame or body is not allowed.
9. Properly mounted drop down window net allowed.
10. Racing Seat allowed.

## **ENGINE**

1. Engine must be stock for make model and year, and on original mounts.
2. Stock Carburetor or factory stock fuel injection.
3. No modifications to carburetor or fuel injection. No aftermarket carburetors. Must be OEM.
4. Engine computers must be OEM stock for year, make and model.
5. No antifreeze.

## **EXHAUST**

1. Stock cast iron exhaust manifold only, must match year make and model.
2. Stock exhaust system or cherry bomb glass pack muffler part number #87502CB only.
3. Single Exhaust only.
4. Must exit behind driver on the passenger side.
5. Y-Pipe Maximum 2", Maximum Pipe diameter 2 1/4"

## **FUEL SYSTEM**

1. Gas tanks will be allowed to be moved into the trunk of the car and mounted as far forward as possible, it must be securely fastened down with a minimum of four steel straps, going across the tank both ways, with large metal washers and bolts on the bottom and top of the trunk floor. Fuel cells allowed.
2. If tank is relocated to trunk, then the trunk must have drain holes in the floor. And a steel firewall must be installed between the tank and driver.
3. No Fuel Line in the driver's compartment.
4. Fuel line may not hang lower than the frame rails.
5. No plastic in line filters allowed.

## **RADIATOR**

1. Must be in stock location.
2. No auxiliary cooling units allowed

## SUSPENSION

1. Suspension parts must be absolutely stock. No modifications allowed.
2. Steering and suspension may not be reinforced in any way.
3. Heavy duty stock mount, non-adjustable shocks or struts permitted. Springs must mount in factory mounts. Right and left springs must match.
4. No cutting, heating, altering or modifying of any other suspension parts allowed.
5. Maximum of + or - 2.5 degrees camber on any wheel.

## TIRE RULE

1. Any 7-inch tread width passenger car tire.
2. Rim size must match tread width.
3. All 4 tires and wheels must be the same size and Offset.
4. Minimum tread wear rating of 350
5. No low profile tires.

## TRANSMISSION

1. Stock Standard Shift transmission or Stock Automatic Transmission ONLY.
2. Stock Clutch and flywheel or Stock torque converter.
3. No removal of gears.
4. No aluminum flywheels.
5. No hollow converters.
6. No manual valve body.

## WELDING INSURANCE

1. Welding insurance is available upon pit entrance only for a fee of \$10.
2. If you decline welding insurance at registration, and need welding you will pay normal welding fees based on the job you need done.