



## **2017 BETHEL MOTOR SPEEDWAY 4 & 6 Cylinder FWD Enduro Rule Sheet:**

The ENDURO division is a strictly-stock class designed for beginners as a low-cost and fun way for new participants to enter the sport of auto racing. Rules have been formulated to allow easy construction of the cars and no performance enhancements are allowed, as the speeds of eduro events are intended to be slower than other racing events. Generally, enduro events are of extended laps without stopping the action for spins and minor accidents. The object of enduro events is to learn the basics of racing and survive long distances without damage to the vehicle. The drivers in enduro events need to focus less on speed and more on negotiating traffic and avoiding accidents. It is hoped that the experience obtained in enduro racing will encourage those drivers to move onward into the regular racing divisions at Bethel Motor Speedway.

### **Specifications, ENDURO:**

1. 4 or 6 cylinder, front wheel drive (FWD) passenger street cars only. Model years 1978 through 2007 eligible (no cars newer than 10 years old). No trucks, Jeeps, or SUVs. No four wheel drive, or all wheel drive. Must be standard passenger sedan or wagon. No sports-cars or convertibles. VIN (vehicle identification number) must be retained, unaltered, in stock location and visible for inspection.
2. 6 cylinder cars MUST be automatic transmission equipped. 4 cylinder may be auto or manual transmission.
3. All exterior glass and plastic must be removed before entering speedway grounds. All trim, chrome, plastic etc. must be removed. Stock windshield may remain, if removed, heavy duty steel mesh must be securely mounted and supported in the windshield area, full width. Severely cracked windshields must be replaced.
4. Stock bumpers for make and model of car only. No reinforced bumpers. Plastic bumper facias may be removed, or may remain on the car. No rubrails, except driver's door may have exterior protection.
5. All interior plastic and upholstery must be removed, except driver's seat and dashboard. Air-bags must be removed or disabled. Rusted floorboards must be securely repaired to seal the driver's compartment.
6. Racing style 5-point seat belts are required. Seat belt mounts must be solid, no rusted seat belt mountings allowed.
7. Stock or racing seat allowed. Must be securely mounted. No rusted seat mountings allowed. A steel bar must be installed in the roll bar across the back of the seat to support the seat back at a level just below driver's shoulder height.
8. Four point roll bar required, up to a six point full roll cage allowed. Roll bars and main supports must be made of steel, minimum 1-1/2" tubing. Must be properly fitted and welded or bolted to structural sections of the car's frame. Steel plates and gussets shall be installed at roll bar mounts to spread the loads into the car's frame. Full roll cage and three door bars highly recommended.

9. Driver's door must be welded shut. Three welds at least 3" apart, front and rear. All other doors, trunk lid and hood must be securely bolted, chained or pinned shut. Driver's door may only be "gutted" if a roll cage with minimum 3 side bars has been installed. Driver's side must have tubular or channel steel reinforcement either inside or exterior to resist side impacts. Driver's side window must have a quick-release net securely fastened.

10. All hood and trunk latches must be disabled. Holes in hood and trunk can be cut to run chains through. No other holes allowed.

11. Batteries and radiators must remain in stock location. No transmission or oil coolers in driver's compartment. Coolant shall be water only. No antifreeze allowed.

12. Stock gas tank or racing fuel cell allowed. If using stock tank, it must remain under car and securely strapped. Fuel cell may be mounted securely in trunk area with steel straps. A firewall between tank and driver is mandatory.

13. Fuel lines should run under the car. If lines are located in driver's compartment they must be braided hoses or steel lines (no rubber hoses in driver's compartment). All fuel lines must be secure and leak-free. Pump gas ONLY.

14. No altering of suspension, all springs, shocks and brakes must be stock. STRICTLY STOCK ONLY. Cars may be asked to run either direction on the track. Operable and effective 4 wheel brakes are mandatory.

15. No altering or modifying of engines, transmissions or drivelines allowed. STRICTLY STOCK ONLY. Stock computerized control units must remain, unaltered. Stock air cleaners and mufflers shall remain.

16. Only stock steel wheels, maximum 7" width. Street tires only. Tires must be radial street DOT, maximum 7" tread width. Snow tires not allowed.

17. Each driver must have a full face safety helmet and driving suit. Suitable shoes and gloves are required.

18. No two-way radios allowed. No mirrors allowed.

19. All cars must have high contrast, legible numbers on both sides and the top. Scorer may assign numbers in cases where duplicate numbers have been registered. No obscene or offensive decorations allowed on cars.

**ANYTHING NOT COVERED BY THESE RULES SHALL BE UP TO THE DISCRETION OF TRACK OFFICIALS AND THEIR DECISION IS FINAL**

(Note: it is the intention that existing 4 cylinder racers can participate in the enduro events. This format is allowing for import and twin-cam 4 cylinders to be introduced to the racing at Bethel. It is also allowing 6 cylinder FWD cars with the eventual goal to create a regular "Bomber Class" of American 6 cylinder automatic stockers.)

**(Last Edited 1-2-17)**

