

Thunders & Enduro Rules

General Construction Rules:

Every part must remain stock unless it has specifically been mentioned in these rules as being allowable to alter.

1. All cars **MUST** have a minimum 4 point roll cage, 6 point recommended.
 - a. **MUST** be halo style as seen in Figure A1.
 - b. Three door bars are mandatory on the driver side of the car, two door bars on the passenger side of the car.T
 - c. There **MUST** be two vertical bars evenly spaced on both sides between the door bars (see Figure D1).
 - d. All cars **MUST** have a dash bar and a cross bar behind the driver's seat.
 - e. All cages **MUST** be made with minimum schedule 40 1 ½" pipe. If 0.095 is used, it **MUST** meet FLATLANDER SPEEDWAY'S STREET STOCK RULES. NO EXHAUST BENDS. NO GALVANIZED PIPE. NO SQUARE TUBING. NO THREADED OR CAST JOINTS. NO EXHAUST TUBING ON CAGES ANYWHERE.
 - f. All welds **MUST** be 360 degrees and all joints **MUST** have gussets.
 - g. All Safety approved roll bar padding **MUST** be used in the driver's area of contact with the cage.
 - h. All cages subject to a thorough technical inspection. Any cage in question will be disallowed.
2. All cars **MUST** have a SAFETY APPROVED window net on the driver's side.
 - a. It **MUST** be web-style with a quick release.
 - b. No home-made or chicken wire nets.
 - c. Window nets **MUST** be mounted to the roll cage with a minimum of 3/8" steel rod.
3. All cars **MUST** have a five-point harness system.
 - a. They **MUST** be 3" and **MUST** be quick release.
 - b. Seat belt **MUST** be bolted using factory locations or to the roll cage.
4. Shorts or tank tops are not allowed in the pits.
 - a. **Required:** Fire retardant coveralls (recommended fire retarded race suit), mandatory fire retardant gloves, full face shield Snell rated SA2000, SA2005, or SA2010 helmet, neck brace, racing shoes or SAE approved.
5. Every car **MUST** have a 2.5 lb. (1 kg.) fire extinguisher with a recharge slip back-dated no more than 12 months.
 - a. The extinguisher **MUST** be mounted securely with a metal quick release mechanism.
 - b. Every car **MUST** have a 5 lb. Fire extinguisher in their pit.

6. All burnable and white metal trim MUST be removed from the car.
7. No alcohol allowed in the pits. All coolers will be checked. Anyone caught with alcohol in the pit will be removed from the race.
8. All numbers will be handed out after the car has been registered – This is a first come first serve basis
 - a. All numbers MUST be 18" x 2" in direct contrast to the color of the car.
 - b. Numbers on the roof MUST be 24" X 3".
9. Limit of six people, including driver, per car entry. Minimum age in the pits is 14. I. D. may be required if in question. There are no exceptions to this rule. This rule also applies to push-cars.
10. Flatlanders Speedway reserves the right to change the rules at any time for the safety of the participants and fans.
11. The competition committee has the right to make the show "bump to pass" or reverse the rotation if it deems necessary.
12. Bumpers MUST be stock types originally installed on that year/model of car.
 - a. MUST be in stock mount and position.
 - b. All bumpers to be fastened so they will not fall off.
 - c. One, 2" mild steel tubing is allowed between the front frame rails and MUST be welded 360 degrees.
 - d. All bumpers MUST have a safety chain welded from the bumper to the frame.
 - e. Two safety chains are recommended, one at each end.
 - f. A pipe 2" OD may be added between the rear frame wells, measuring 18" from the rear axle, MUST be welded 360 degrees.
13. Each car MUST have one steel fuel tank
 - a. MUST be mounted in truck.
 - b. MUST be accessible only through the trunk lid.
 - c. MUST be strapped in with two, 1" x 1/8" thick steel straps.
 - d. In station wagons, 22 gauge steel cover to be installed over 10 gallon fuel tank being used and to be installed into the rear hatch compartment of the wagon.
14. A steel fire wall MUST be placed where the back seat was.
 - a. The trunk MUST be sealed from the driver's compartment.
15. The fuel line MUST be protected when going through the floor.
 - a. Steel fuel filters MUST be used.
 - b. Electric fuel pumps are allowed however they must have murphy switches.

- c. The only fuel allowed is gas that is available at local consumer (NO commercial) outlets. NO ADDITIVES, NO OXYGENATION, NO RACE FUEL.
16. Body MUST remain stock, stock means stock. No reinforcing. No boxing of frame rails.
 17. Radiator MUST remain stock and in stock location.
 18. Front inner fenders may be removed or trimmed. Front radiator cradle MUST remain stock.
 19. Engine MUST remain in stock location. Must be stock to make & model. Stock means stock.
 20. No reinforcing in the trunk or from the firewall forward, with the exception of the 2" bar that is allowed between the rear frame rails.
 21. Seat MUST be a high back bucket or we strongly recommend an approved racing seat.
 22. No Vans, trucks or convertibles allowed.
 23. All suspension MUST remain stock. No weight jacks allowed.
 24. NO WHINING! NO VERBAL ABUSE! JUST HAVE FUN!
 25. All holes in firewall MUST be sealed with tin. No galvanized or aluminium. No sheet metal screws allowed.
 26. Windshield to be stock or 1" heavy mesh mandatory. If mesh is used, the driver MUST have goggles or full-face helmet with shield. NO LEXAN!
 27. No coolers of any kind allowed in the driver's compartment.
 28. Battery MUST remain 'in' Engine Compartment. No recessing into fire wall. It MUST be sealed from the driver's compartment.
 29. All tires MUST pass through a 10.15" hoop, to be supplied by Flatlander Speedway.
 - a. Tire distance to be measured from side wall to side wall at 30 psi.
 - b. No racing tires or ground grips.
 - c. 1" lug nuts are mandatory on passenger side wheels.
 - d. All rims MUST be 3/16" thick center and be steel construction.
 - e. No aluminium wheels allowed.

- f. No three post stock rims.
- 30. Exhaust pipe MUST exit behind the driver's compartment and in front of rear wheel. No headers. Stock manifolds only.
- 31. Rear ends: No lock rear end, no welded or no spool, must be stock to make & model of car.
- 32. In the event of night racing, all cars MUST have two red lights in the upper back window and two yellow lights in the upper front window.
- 33. Mass produced head and neck restraint system highly recommend.
- 34. If you have any problems, read rule 24 again.
- 35. THE TECH COMMITTEE HAS FINAL SAY ON EVERYTHING.
- 36. Stock means stock.

Please see contact page if there are any questions regarding these rules.