



OFFICIAL 2018 SPECIFICATIONS FOR SKID PLATE CARS/ENDURO

NOTICE: ALL EQUIPMENT IS SUBJECT TO THE APPROVAL OF KERN COUNTY RACEWAY OFFICIALS. ALL CARS MUST PASS A PRE-COMPETITION INSPECTION AND ALL CARS ARE SUBJECT TO A POST INSPECTION. NO EQUIPMENT WILL BE CONSIDERED AS HAVING BEEN APPROVED BY REASON OF HAVING PASSED THROUGH INSPECTION.

With the exception of the following rule modifications, all cars must be 100% stock. THESE RULES WILL BE STRICTLY ENFORCED, MODIFICATIONS NOT PERMITTED UNLESS STATED IN THE RULES.

1. Exteriors and Car Body

1. (a) Any 1980 or newer 4 cylinder or V-6 front wheel drive car, station wagon, or minivan, with a wheel base of 90 inch or longer is eligible to compete.
 - (1) No trucks, convertibles, sub-compacts, El Caminos, SUV's, pick-ups, Imperials, or T-tops.
2. (b) All cars must have complete bodies. All exterior lights, lamps, and lens must be removed.
3. (c) Reinforcing of frames, cross members, bumpers, or bodies not permitted.
4. (d) Tires and skid plates.

Skid plates required on rear (rear tires must be removed). Skid plates must not be modified and used as manufactured for Kern County Raceway. Bent or damaged rear skid plates not permitted. Rear axle plate alignment subject to tech inspection before race, e.g., excessive camber or uneven plate load distribution to track.

- (1) Passenger car tires only.
- (2) No Light Truck "LT" or Mud and Snow (M+S) tires permitted.
- (3) Wheels and tires must be OEM original size and type.
- (4) Only air in tires.
- (5) Tires must be DOT street legal passenger tires.
- (6) No run flat tires.

5. (e) The height of the front and rear bumpers must be stock. Car must not be raised or lowered, and must sit at approximate stock height.
6. (f) No weight may be added.
7. (g) Horn must be disconnected.
8. (h) Body to frame mounts must be stock. Altering body to frame mounts not permitted.

2. Interior

(a) All glass is to be removed from the car, except the windshield.

(1) Do not roll down windows and break them in the doors.

(b) Interiors must be vacuumed or cleaned and free from debris. (c) All interior upholstery must be removed, except the driver's seat.

3. Engine, Cooling, Exhaust, Suspension

(a) Engine must be in stock condition and location.

1. V-6 engines must only run on 4 cylinders, with 2 cylinders disabled. Do not allow unplugged spark plug wires to produce an electrical arc to a ground (no sparking).
2. Engine and transmission mounts must be stock. No welding engine mounts or adding engine mount supports.
3. Engines must be steam cleaned free of oil and grease.
4. Engines must be stock OEM for make and model. (b) Radiator must be in stock location. No antifreeze, water only.

(c) All suspension components must be stock.

1. Rear suspension stock only.
2. No reinforcing of suspension will be allowed.
3. Making the suspension rigid or jacking up suspension will not be allowed.
4. No truck suspension components.
5. Automobile gasoline only. Street legal pump gasoline permitted. No additives. Gasoline shall not be blended with alcohols, ethers, or other oxygenates and it shall not be blended with aniline or its derivatives, nitro compounds, or other nitrogen containing compounds. Nitrous oxide prohibited.

4. Identification

(a) A 16-inch x 16-inch number board must be securely mounted centered on the car's roof with the car number painted visible in contrasting colors.

5. Safety

(a) Each competitor is solely responsible for the effectiveness of personal safety equipment used during an event. **KERN COUNTY RACWAY IS NOT RESPONSIBLE FOR THE EFFECTIVENESS OF ANY PERSONAL SAFETY EQUIPMENT.**

(b) Four-point roll cages are required (illustration included on final page). A minimum of 1 ½" x .095 tubing must be used. Driver's side door plates highly recommended. The use of additional non-OEM bars or reinforcement supports is not permitted. Roll cage must be welded to 4"x 4" steel plates and bolted with 4 - ½" grade 8 bolts to the floorboard of the vehicle. There must also be a 4"x 4" steel plate on the bottom of the floor board pinching the OEM floorboard between the steel plates. T-Bone bar with plates may be approved.

(1) No other interior non-OEM bars or reinforcement supports permitted.

(c) Drivers racing seat recommended.

(d) Hoods must have two pin type locks utilized in the opposite corners of the OEM hinges, or four pin type locks in each corner. Any under-hood type latching mechanism must be disconnected or removed. Cable wire in housing operated hood releases not permitted. Hoods must be capable of being completely opened from the outside of car.

(e) Trunk lids must have two pin type locks utilized in the opposite corners of the OEM hinges, or four pin type locks in each corner. Any internal latching mechanism must be disconnected or removed. Trunk lids must be capable of being completely opened from the outside of car.

(f) All drivers must have and use a minimum 3-point seat belt system, however, 5-point recommended; personal safety equipment available from DJ Safety Equipment, at (323) 221-0000.

(1) OEM driver's seat belts must be in good condition and securely mounted.

(2) Aftermarket driver's seat belt systems should be installed in accordance with the directions provided by the supplier and/or manufacturer.

(g) Every car must be equipped with one fully charged fire extinguisher having at least a 10B:C rating.

1. The fire extinguisher or the fire suppression activation control must be mounted within the seated drivers reach and readily accessible for use.

2. Each fire extinguisher must be designed to permit visual determination of whether it is fully charged.
3. Each fire extinguisher shall have been rated and labeled by one of the following test labs: Underwriters Laboratories, Northbrook, Illinois.

(B) Factory Mutual Research Corporation, Norwood, Massachusetts.

- (h) Every driver must wear a helmet, at least a valid Snell SA 2010 or newer.
- (i) Every driver must wear eye protection.
- (j) Approved fire suit mandatory. Gloves required.
- (k) It is recommended the center of steering wheel be padded with 2-inch of resilient material. (l) It is recommended padding be used on the inside of the driver's door and on the corner post.
- (m) Cars may be equipped with a battery on/off switch.

(n) Radios:

- (1) All participants must monitor race control.

Any part of equipment found during an inspection or any other time at any Kern County Raceway sanctioned event that does not meet applicable Kern County Raceway standards, must be surrendered to the Kern County Raceway Tech Official at that time, and will not be returned.

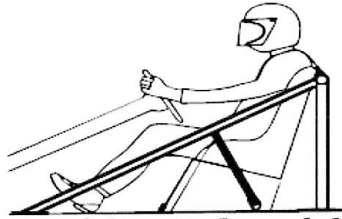
Kern County Raceway Tech Officials reserve the right to make final decisions in the interpretation of any rules or race procedures at any time. No equipment will be considered as having been approved by reason of having passed through inspection. Kern County Raceway Tech Officials recommend that you carefully study the Kern County Raceway Rule Book in order to be familiar with all aspects of Kern County Raceway racing. If you are considering a part, modification or procedure not covered in these rules contact the Kern County Raceway Competition Director before proceeding with any purchase or modification. If you have any questions regarding the rules set forth, contact the Kern County Raceway Competition Director.

In keeping with Kern County Raceway's commitment to maintaining proper balance in the competition arena, it may be necessary for Kern County Raceway to make rule changes and/or rule modifications from time to time. Such changes are designed to enhance close competition. Kern County Raceway's goal of a full starting field of various car makes in each race that are equally matched as possible is certainly in the overall best interest of the sport.

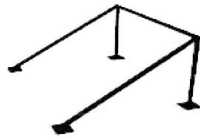
NOTE: If a Skid Plate Car wins three Skid Plate races in one year at Kern County Raceway, the car may be claimed by anyone for \$500.

Skid Plate Roll Cage

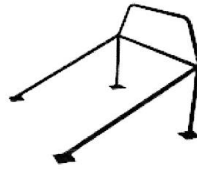
FRONT



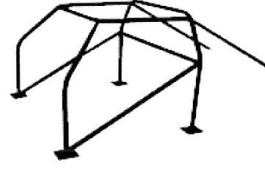
This is what we want to see for minimum cage requirements



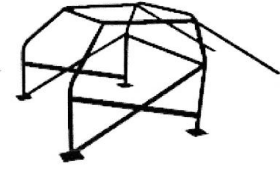
Minimum Required



Would like to see used



Legal to Use



***Not Required
But Legal to use***