

## BAKERSFIELD SPEEDWAY MINI STOCK RULES

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### **RaceCeivers MANDATORY AT ALL TIMES and is a POST TECH ITEM**

**DISCLAIMER:** The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These Mini Stock Bakersfield Speedway rules shall govern the condition of all Mini Stock events and by participating in these events, all participants are deemed to have complied with these rules. **RULES ARE SUBJECT TO CHANGE.** These rules will be reviewed and evaluated for any changes on or before the race season. They are intended as a guide for the conduct of the sport and are in no way a guarantee. Mini Stock is strictly a novice class emphasizing the basic rules for beginning drivers.

#### **1. COMPETING MODELS ELIGIBILITY**

- A. Any American/Foreign made automobile 1994 year model or older, self aspirated only, no turbo or super charged automobiles.
- B. No convertibles, station wagons, jeeps, etc.
- C. Front or rear wheel drives allowed, no all wheel drive or four wheel drive automobiles allowed.
- D. Maximum wheel base 103".
- E. No rear view mirrors. No radios.
- F. Mini trucks allowed.
- G. No rear engine cars.

#### **2. ENGINES**

- A. Three (3) or Four (4) cylinder engines only, must be stock for make, model and year. No turbo charged engines allowed. JDM replacement motors for car make, model, and year OK.
- B. Engines must remain stock, no performance parts of any kind allowed. No engine modifications to enhance performance are allowed.
- C. Rotary engines not permitted.
- D. Cranking compression, hot off the track at 180 lbs max.
- E. No after market or performance ignitions allowed. Must remain stock.

- F. No mass air modifications.
- G. No intake modifications.
- H. No changing of chips allowed.
- I. **NO V TECH MOTORS ALLOWED.**

### **3. CARBURETOR**

- A. Carburetors must be an OEM type. Subject to tech approval.
- B. Fuel injection permitted, if car came originally equipped as fuel injected. If equipped with electric fuel pump make sure pump is wired thru oil pressure switch. If vehicle is not equipped with a switch, it must be added.
- C. Two (2) throttle return springs are mandatory, and must be mounted to engine block.
- D. After market air cleaners OK.

### **4. FUEL SYSTEM**

- A. Fuel Cells MANDATORY. Fuel cell must be centered between frame rails in trunk area. Fuel cell must be TOTALLY ENCLOSED in an 18 gauge steel container and mounted with two (2) 1/8" by 1" straps lengthwise and crosswise. Must have a rear fire wall between driver and fuel cell. No exceptions. Must meet tech approval. Fuel cell foam required. Chain required from fill cap to strap. No zip ties.
- B. Pump gas only. No Racing fuels or additives of any kind allowed.
- C. Cells and tanks must mount centered in car.
- D. Fill spout to be located inside trunk. Full firewall required between driver's compartment and trunk area.
- E. Minimum fuel capacity is 8 gallons. Maximum fuel capacity is 12 gallons.
- F. Any line passing through driver's compartment will be neoprene hose inside steel tubing and will be subject to tech approval.
- G. Fuel cell and/or vent hose must have a tip over valve.
- H. No cutting of trunk floor in any way to lower fuel cell.

### **5. COOLING SYSTEM**

- A. Electric fans OK.
- B. Radiator catch can required, no less than 1 quart, securely fastened in the engine compartment.
- C. Freon or engine coolants not permitted.

### **6. ELECTRICAL SYSTEM**

- A. Battery must be mounted behind driver in a steel box. No marine or plastic type boxes allowed. Subject to tech approval.

- B. All cars must have an electrical master kill switch mounted inside driver's compartment on the centerline of car and within reach of driver. Master kill switch must also be reachable from both sides of car.

## **7. EXHAUST**

- A. Stock exhaust manifold only. Exhaust must exit behind driver.
- B. No part of the exhaust allowed in the driver compartment.
- C. Stock exhaust system only. No modifications allowed.
- D. Headers are not permitted.
- E. Stock or stock replacement mufflers required.
- F. An approved muffler is mandatory, must not exceed 95 db @ 100 feet. Violators will be disqualified

## **8. BODIES**

- A. Complete stock from original design of make, model and year.
- B. No spoiler allowed. If OEM for year and make, it must be removed.
- C. Wheel well may be cut for tire clearance only. Subject to tech approval.
- D. All body holes must be filled.
- E. All insulation from under hood must be removed.
- F. Rear seat must be removed.
- G. Floor board covering such as carpeting, door panels, headliner, and insulation must be removed. Holes must be filled, floor and firewall.
- H. May use stock body panels or stock replacement body panels made of 22-gauge steel only and must be welded back in place plus bolted with minimum 4 bolts, one located in each corner. All body panels are subject to tech approval.
- I. All interior sheet metal must remain intact including, doors, deck lids, etc. Inside door panels may be trimmed to allow for roll bar clearance.
- J. Stock hood latch must be removed including safety latch. Hood will be secured by two (2) Hood pins across front. Must maintain rear hinges.

## **9. APPEARANCE/NUMBERING**

- A. All cars must be neatly and brightly painted.
- B. All cars will display a one (1) or two (2) digit number series (0 - 99). No duplicate numbers allowed.
- C. Number will be a minimum of 18" on roof and 18" on each door.
- D. Car number will be placed neatly in right front headlight area and taillight area as large as possible that fits neatly in the assigned area.
- E. No duplication of numbers, additional letters such as X, Y, or N allowed subject to tech or track approval.
- F. Black 6" minimum, windshield visor required for Division Sponsor Sticker Only required. Sticker will be supplied by Bakersfield Speedway. Advertising or names of any kind is not allowed on the windshield visor. Division sponsor sticker is a post tech item and you will be disqualified if you don't have one in place.

- G. Advertising that is deemed unsuitable/offensive will not be allowed.
- H. Series sponsor decals must be placed on designated location of car to be eligible for awards. This to be completed PRIOR to competing in an event.

#### **10. BUMPERS**

- A. Stock bumpers only, no reinforcing.
- B. All bumpers must be fastened to fenders and quarter panels in such a manner that will prevent "hooking".

#### **11. GLASS**

- A. Windshields of wire mesh is required, must be ½" to 1" mesh. Center support mandatory.
- B. Rear and side windows must be removed.
- C. All external lights must be removed.
- D. No side mirrors.

#### **12. FRAMES**

- A. Stock frames only. No modifications allowed.

#### **13. SUSPENSION**

- A. Stock OEM parts only. No modifications allowed.
- B. No racing shocks or racing springs.
- C. Cast and camber adjustments allowed to rear wheel drive vehicles only. Not to exceed 4 degrees.
- D. Strut supports front or rear not allowed.

#### **14. STEERING**

- A. Stock steering for the make and model. No modifications allowed.
- B. No steering quickners allowed.
- C. Steering wheel quick release allowed. Must retain stock column. Center must be padded.

#### **15. REAREND, TRANSMISSIONS, CLUTCHES, FLYWHEELS**

- A. Any stock transmission for make, model and year. No modifications allowed.
- B. Locking of rear ends or differentials allowed.
- C. Stock unaltered rear end for that make, model and year.
- D. Clutch pedal must remain stock for make, model and year.

## **16. WHEELS/TIRES/BRAKES**

- A. Stock steel wheels only.
- B. Right front oversize lug nuts required. Recommended for all four wheels.
- C. Wheel spacers are not permitted.
- D. Any DOT street legal tire permitted. Optional track tire may become available. No performance tire of any type allowed! No mud, snow or off-road tires allowed. No grooving, shaving, checking, crosshatching or any other tread modifications is permitted.
- E. Wheels and tires must be of like size. Wheels must be same offset.
- F. Dual air valves or bleeders not permitted.
- G. Stock brake system for make, model and year. All brakes must function at all times, no adjustable brake bias
- H. Brake pedal must remain stock for make, model and year.
- I. No aluminum wheels, no mag wheels, no wire spoke wheels, Steel wheels only.
- J. Racing wheels OK.
- K. Stock wheels must be reinforced for support.

## **17. ROLL BARS**

- A. Modified 4 point cage will be required. 1 ½ diameter, .090 wall with gussets as needed, welded to 4" X 4" plates and bolted to floor. Bars may pass thru firewall forward or rear. 3 door bars inside driver's door. Roof bars may not reinforce the body or frame to alter the geometry of the car, or to increase performance capabilities but only to serve as a safety feature. Driver's side must have minimum 1/16" steel welded to outside of driver's door bars
- B. Galvanized, aluminum, or exhaust type tubing is not permitted.
- C. Approved padding must be used at any point where driver contact might occur.
- D. Roll bars must be welded or bolted to car.
- E. All installations subject to tech approval.

## **18. MINIMUM WEIGHTS**

- A. Minimum weight required 2450 lbs, however, intentionally lightening of car which jeopardizes the integrity of car is not allowed.
- B. Added weight OK. Weight must be painted white with car number in black. Weight must be securely mounted with no less than two ½" grade 8 bolts.

## **19. SEATS AND SAFETY EQUIPMENT**

For all safety equipment: It will be the sole responsibility of the driver, not Bakersfield Speedway, their agents/officials or corporate officers to ensure that his/her safety equipment is correctly installed,

maintained and properly used. Please refer to manufacturer installation and usage guide lines and adhere to them.

- A. Aluminum professionally built high back racing seat with required.
- B. Seat must be securely bolted to a mount assembly that is an integral part of the roll cage.
- C. Seat will not be attached to the floorboard.
- D. A five- (5) point safety harness, with quick release is mandatory with a 3" wide lap belt, 3" shoulder belts, and a 2" submarine belt. All belts shall be attached to roll cage using minimum 3/8 grade 8 hardware and safety cables.
- E. Cotton harness components prohibited.
- F. Safety harnesses/seat belts may be no more than three (3) years old. If necessary, proof of purchase may be required.
- G. Safety helmet must meet Snell 95 testing standards, bear proper identification, and have no signs of previous damage. No open face helmets allowed.
- H. Driver-side window net required, minimum 16 inch by 20 inch ribbon or mesh style, and must be mounted to roll cage so latch is at top front of window.
- I. Safety helmet must meet Snell 95 testing standards, bear proper identification, and have no signs of previous damage. No open face helmets allowed. SFI-approved full fire suit required. Fire retardant gloves, shoes and neck brace (or head and neck restraint) required. *Recommended: Fire retardant head sock and underwear.*
- J. Eye protection is mandatory and must be in proper place at all times.
- K. Bakersfield Speedway recommends a minimum 2 lbs. dry-chemical fire extinguisher be mounted in driver's compartment, be accessible to the driver, have quick release mount and not be taped or plastic tied in.
- L. Two (2) drive line straps, 1" x 1/8" required, mounting to be within 6" of the U-joints.
- M. Oil catch can recommend for breathers.
- N. All cars will be required to have in their pits a minimum of one 5 pound, Halon or dry chemical fire extinguisher. This is to be visible to tech officials and all crewmembers. All crewmembers must be made aware of its location, and knowledgeable in the use of the fire extinguisher
- O. Car and driver will be required to make safety rule violations comply PRIOR to racing any event.

## **20. INSPECTION**

- A. All cars are subject to inspection by Bakersfield Speedway officials at any time and in any manner determined by track officials. All decisions regarding the timing and manner of the inspections, as well as which cars will be inspected, are final.
- B. Competitor must take whatever steps requested by a track official, including tear down of the car, to facilitate inspection of the car.
- C. Only two people admitted to the inspection area.
- D. Track officials mandate inspections after the event: If a car that has competed in the event is taken from the tech inspection area and/or racing premises without permission of lead tech official, that car and driver will be disqualified. Unless the competitor can prove beyond a reasonable doubt that the violation was caused by circumstances the competitor could not control the disqualification will stand.

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**PARTICIPANTS MUST BE A MEMBER OF THE BAKERSFIELD SPEEDWAY  
TO RECEIVE ANY POINTS FUND MONEY AWARDED.**