

# **SOUTHERN OREGON SPEEDWAY**

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## **PURE MINI STOCK CLAIMERS 2009**

### **1. MODELS:**

- A. Any front engine, front or rear wheel drive car with a maximum wheelbase of 104 inches.
- B. No independent rear suspension on rear wheel drive cars allowed. Volkswagen Beetles will be allowed. No four-wheel drive vehicles allowed.

### **2. CHASSIS:**

- A. Wheelbase must be stock, no tube or racing chassis allowed.
- B. Car frame and body must remain stock and be of the same make and model.
- C. Any steel springs that are stock appearing may be used, however, they must remain in stock location. Only one spring per wheel assembly.
- D. Steering components must remain stock.
- E. No racing or coil over shocks.
- F. Struts must remain absolutely stock. No adjustable struts.
- G. **NO** aftermarket sway bars allowed.
- H. Shackles must be in stock location. Rear adjustable shackles are allowed.

### **3. BODIES:**

- A. All body parts must remain factory O.E.M. parts and must retain factory measurements. All body parts must remain in original mounts.

- B. All body parts must be stock appearing.
- C. Fenders may be trimmed to clear tires and must be rolled inside.
- D. All cars will start race with all body parts in place, unless approved by pit boss or tech-man. Appearance will be neat and clean at all times.
- E. No holes in hood or deck except for air cleaner.
- F. No spoilers in rear or on top of car.
- G. Stock floorboards and firewalls to remain intact. Holes must be covered with 20gauge steel. Full firewall required between driver and fuel cell compartment with all holes covered with 20gauge steel.
- H. Doors to be welded or bolted shut.
- I. All pot-metal, chrome, glass and burnable material must be removed.
- J. Trunk and hood to be secured with hood pins.
- K. All cars to be neatly painted and numbered. Numbers are to be a minimum of 18 inches high and placed on both sides and the roof. Place roof numbers so as to be read from the passenger side. NO REFLECTIVE NUMBERS.
- L. Three evenly spaced strong vertical bars to be installed in windshield opening in front of driver with a maximum 5/8" x 5/8" mud screen securely attached.
- M. Bumpers must be stock appearing with no sharp edges or ends that will "hook" other racecars.
- N. Front and rear bumpers may be reinforced with tubing not to exceed 1 1/2" O.D.
- O. Side rub rails of maximum 1 1/2" O.D. steel tubing allowed. Must be located within 2" of body skin and ends will be angled 90 degrees toward body so as not to "hook" other racecars.

#### **4. ENGINES:**

- A. Maximum 2300cc series four cylinder engine. Must be of the same manufacturer as the rest of the car. **No rotary engines allowed.**
- B. Engine must remain in stock location.
- C. No oil coolers, accu-sumps, dry sumps, or external oiling systems allowed.
- D. Only one cam per engine. No roller cams or after market cam pulley.
- E. No titanium parts allowed.
- F. Intake manifold must remain stock and unaltered. NO adapters over 1" inch high and NO porting. NO EFI intake manifolds.
- G. Stock cast iron exhaust manifolds **ONLY.**
- H. No after market or factory headers.
- I. **NEW FOR 2006.** Must use stock lifters for motor size and type.

## 5. ELECTRICAL:

- A. No magnetos of any kind. Electronic ignition will be allowed as long as it is stock for that make and model.
- B. No dual point distributors.
- C. Stock equipment only. No aftermarket, high performance or made for racing equipment.
- D. Engines must be self-starting.

## 6. CARBURETORS AND FUEL:

- A. One two-barrel downdraft carburetor with a minimum two throttle return springs, which must work independently of each other.
- B. **NEW FOR 2005..RESTRICTOR PLATE !** Plate between carb base and manifold, in addition to adapter, will be added with an opening of 1 ¼ inch per barrel ( no larger or smaller ) and maximum thickness of ¼ inch. (engine must idle at 800 RPMs or less)
- C. Pump gasoline only. **No nitrous oxide, alcohol or nitro methane allowed. NO RED/BLUE fuel.**
- D. No fuel injection or turbo chargers allowed.
- E. If fuel lines run through drivers compartment they must be enclosed in steel or steel braided lines with no fittings.
- F. 16-gallon maximum fuel cell separated from drivers compartment and properly secured with a minimum ground clearance of 12 inches. Fuel cells are mandatory.
- G. Stock fuel pump only. If electric pump is used it must turn off with ignition or properly labeled ignition or kill switch.

## 7. WHEELS AND TIRES:

- A. Any steel wheel with a maximum of 7-inch width. No bead-locks.
- B. Any street D.O.T. tire with a maximum width of 8 inches. **No aftermarket or racing tires of any type or brand** (subject to track officials decision).
- C. 3/8" maximum tread width on all tires. All tires must remain unaltered.
- D. Front wheel drive cars must run a maximum of 6" width tire.

## 8. BRAKES:

- A. Must have stock four-wheel brakes in good working order.
- B. No adjustable proportioning valves allowed.

## 9. SAFETY:

- A. A high back, left turn racing seat only. Aluminum recommended.
- B. Seat must be mounted to roll cage in steel frame and secure.
- C. Drivers' harness will be a five (5)-point design with 3" lap straps and 2" shoulder straps securely and properly mounted to roll cage. **NO** old, faded, or frayed belts allowed.
- D. Drivers approved window net mandatory. Nets to be properly attached to roll cage and are to be released from the top. Nets must be tech approved.
- E. Wrist restraints are **mandatory** if vehicle is a convertible.
- F. Helmet must be rated Snell 95 or newer.
- G. Fire suits mandatory, in good condition with no holes. Fireproof gloves and boots recommended.
- H. Must have a minimum 2 ½ lb fire extinguisher mounted in a quick release bracket within easy reach of the driver. Extinguisher must have a current certification tag at all times.

## 10. ROLL CAGE:

- A. Full 4 post with one diagonal and two back braces with a minimum of 1 ½" O.D. x .095 wall steel tubing with gussets on all roll bar and door bar corners or minimum of 1 5/8" O.D. x .095 wall steel tubing properly welded without gussets. **No galvanized or black pipe.**
- B. Three horizontal bars with two connecting braces on drivers' side and two horizontal bars with two connecting braces on passenger side. Connecting bars to be welded to frame.
- C. In all uni-body cars roll cage must have a minimum ¼" x 4" steel plate under roll bar posts and under floor pan secured by 4 7/16" minimum bolts each, or attached to frame rail.
- D. Extra reinforcement allowed. **MAKE ROLL CAGES SAFE!**

## 11. MISCELLANEOUS:

- A. **Steel or lead** ballast may be added but must be secured by a minimum of two (2) ½" bolts and painted white with car number on it. No ballast to be installed in drivers compartment.
- B. Drivelines must be painted white and must be secured by a steel loop 1-inch wide and ¼ inch thick, 12 inches back from front U-joint. No aluminum drive shafts.

- C. Flywheels must have approved scatter-shields. Quarter inch steel plate or belt: minimum 180 degrees.
- D. A rear cross-member of 2-inch round or square tubing is required between fuel tank and rear bumper.
- E. All cars must have a hook, chain or eye welded to the front and rear of the car for quick and easy removal from the track. Failure to do so will result in a fine of \$25.00 for each night without one.
- F. **NO** racing clutches. OEM only, must have tech inspection hole.
- G. **No rear view mirrors.**

## **12. CLAIM RULES:**

- A. The claim amount is \$1,100 (cash only) to be paid **DURING** the first ten minutes after the drop of the checkered flag of the “A” Main event.
- B. A person can only claim a specific car once per season, but can claim as many different numbered cars as they like.
- C. If the claim is accepted, the driver/owner of the claimed car can remove the seat, harness, fuel cell, and fire extinguisher on the spot. At that time a deal between the car owner and claimer can be made for the equipment.
- D. The claimer must enter and drive at the next scheduled event to the S.O.S. track.
- E. If you refuse the claim, you will not race at Southern Oregon Speedway for two (2) weeks and forfeit any winnings and/or points for the night. A fine of \$100 will also be included.

**RULES WILL BE TECHED TO THE INTENT,  
NOT THE LETTER!  
TECH-MAN DECISION IS FINAL.**

**IF IT DOES NOT SAY YOU CAN.....THEN YOU CAN'T!!!**