

2012 Siskiyou Motor Speedway

Mini-Stock Rules

1. MODELS:

- A. Any front engine cars and trucks with a maximum wheelbase of 104 inches.
- B. No independent rear suspension allowed.
- C. No four-wheel drive vehicles allowed.
- D. No convertibles
- E. Pickup trucks must use all stock body mounts

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 OEM stock steel springs may be used and they must remain in stock location. Only one spring per wheel.**
- D. Steering components must remain stock and in stock location. No lengthening of the steering columns. Pedals must be in the oem location.
- E. Shocks that fit in the stock mount location will be allowed. One per wheel. No racing or coil over shocks. No heim joints.
- F. Struts must remain absolutely stock. No adjustable struts. Struts must remain in stock location.
- G. Aftermarket sway bars allowed if kept in the stock location.
- H. Shackles must be in stock location. Rear adjustable shackles are allowed. Maximum 3" over stock length.
- I. No alterations to the front or rear suspension.

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. No rear scoop openings.
- C. Fenders may be trimmed 3" 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. Must be legible..

- 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 to the cage and not the body.
- M. Bumpers must be stock appearing with no sharp edges or ends that will "hook" other racecars. Tech discretion is final.
- N. Front and rear bumpers may be reinforced with tubing not to exceed 1 1/2" O.D and must be attached to the body.

4. ENGINES:

- A. Maximum 2300cc series four cylinder engine with no more than .060 overbore.. Must be of the same manufacturer as the rest of the car. No rotary engines allowed. Toyota 22r is ok.
- 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. Solid lift cams only allowed on factory stock applications(examples: Honda, Toyota, Isuzu, Etc). Ford 2.0 and 2.3 are hydraulic cams only.
- 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 aftermarket or factory headers.
- I. Exhaust must be covered if ran through the passenger side of the cockpit.
- J. All engine parts must be stock oem or stock replacement (ie over bore pistons).
- K. Vacuum rule- the motor must pull at least 14" at 1,000 rpm. If your car does not pull this vacuum: you will have to add 50 lbs to the car. (2012 season only)

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.
- E. Must have a master kill switch that is accessible from both sides of the car and clearly labeled, the on and off positions must be marked

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. Pump gasoline only. No nitrous oxide, alcohol or nitro methane allowed. NO RED/BLUE fuel. 91 octane maximum
- C. No fuel injection or turbo chargers allowed.
- D. If fuel lines run through driver's compartment they must be enclosed in steel or steel braided lines with no fittings.
- E. 12-gallon maximum fuel cell separated from driver's compartment and properly secured with a minimum ground clearance of 12 inches. Fuel cells are mandatory. Steel can is mandatory around fuel cell.
- F. 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 official's decision). 5/16" maximum tread gap. All tires must remain unaltered. No grooving, siping or mud and snow tires allowed.
- D. 14 " max wheel diameter. No 15" or larger wheels allowed.

8. BRAKES:

- A. Must have stock four-wheel brakes in good working order. All four must work at all times.
- B. No adjustable proportioning valves allowed.
- C. No drilling or lightning of drums or rotors.
- D. No aftermarket pedal assemblies or master cylinders allowed.

9. SAFETY:

- A. A high back, padded, left turn aluminum racing seat only..
- B. Seat must be mounted to roll cage in steel frame and secure. The seat must not mount to the floorpan. Headrest must be braced. 6- 3/8" grade 8 bolts must be used to mount the seat.
- C. Drivers' harness will be a five (5)-point design with 3" lap straps and 3" shoulder straps securely and properly mounted to roll cage. NO old, faded, or frayed belts allowed. The belts must be mounted to the frame or roll cage and not to the seat with 1/2" grade 5 bolts. Belts must mount behind the driver.
- 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. Helmet must be rated Snell 95 or newer.
- G. Fire suits mandatory, in good condition with no holes. Gloves are required Fireproof gloves and boots recommended. Neck roll is mandatory.
- F. Must have a minimum 2 1/2 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.
- G. No Mirrors.

10. ROLL CAGE:

- A. Full 4 post with one diagonal and two back braces with a minimum of 1 1/2" 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 1/4" 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) 1/2" bolts and painted white with car number on it. No ballast to be installed in driver's compartment.
- B. Drivelines must be painted white and must be secured by a steel loop 1-inch wide and 1/4 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 is mandatory. No lightened or cut down flywheels allowed.

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. Transponder location - 18" from center of rear end, to the back.

H. WEIGHT LIMITS:

1680 CC OR BELOW	1900 LBS
1680-2000 CC	2000 LBS
2000-2300 CC	2100 LBS

If your car does not meet the vacuum rule add 50 lbs to the above numbers. 56% maximum left side weight with driver .

I. All weights and drivelines must be painted white and marked with the car number

J. A dominating car will be handicapped: After 3 main event wins in a row, on the 4th main event race, the car will start in the rear of the field regardless of pill draw or qualifying.

12. CLAIM RULES:

A. The claim amount is \$750 (cash only) with exchange to be paid in tech area, 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. Both cars must have raced 2 consecutive prior races before claiming a car and both cars must finish the "A" main event on the lead lap

E. Both cars must enter and drive at the next scheduled event at S.M.S. Either of the cars that does not show up for that race will be fined \$50 dollars and must pay before racing again at S.M.S.

RULES WILL BE TECHED TO THE INTENT,

NOT THE LETTER!

TECH-MAN DECISION IS FINAL.