



2014 Mini Stock Rules

ATTENTION ALL MINI STOCK RACERS

PETTY RACEWAY TECH PERSONEL WILL BE MONITORING THE WEIGHT OF MINI STOCKS BY RANDOMLY SELECTING COMPETITORS THROUGHOUT THE SEASON TO PREPARE FOR A WEIGHT RULE IN THE 2015 SEASON.

ALSO THIS SEASON, IT WILL BE MANDATORY TO HAVE A TOW CHAIN AROUND THE BUMPER IN THE FRONT AND REAR OF THE RACECAR.

APPROVED MODELS

Any four-cylinder cars. **No turbo charged or v-tech car allowed.** Must have complete stock body, frame and suspension. Cars may be front wheel drive, with a standard or an automatic transmission.

BODY/BUMPERS

All glass, headlights and taillights must be removed except windshield.

Driver's door must be welded or bolted shut.

Passenger door must be welded or bolted shut.

Only the stock glass windshield is permitted.

One stock inside mirror, to the right of the driver,

No exterior mirrors are allowed.

All cars must begin each race with a complete body (hood, doors, fenders, trunk, etc.) unless damaged in practice.

Stock front and rear bumpers must remain or be replaced by a maximum 2" (in any direction) pipe or tubing.

MUST HAVE FRONT AND REAR BUMPERS ON AND COVERING THE TUBING AT ALL TIMES.

Tow hooks are required front and rear. They must be attached to any solid structure. Three or four links of chain welded to the bumper mounts is sufficient.

INTERIOR

Stock dash, gearshift, pedals must remain.

Stock steering shaft and steering wheel must remain. Aftermarket oil pressure and heat gauges are allowed.

Roof insulation, floor covering and other interior must be removed. Seat must be ***bolted to*** cross bar to prevent back of seat from going forward or backward. Aluminum racing seats are allowed.

EXHAUST

A single stock sized exhaust pipe (Max 2' or have stock bolt bracket for resonator following stock pattern) must be attached to the stock manifold and remain the same size until it exits. Exhaust must point away from fuel tank.

FLOOR

Stock floorboards must remain. All holes must be covered with stock thickness metal and follow original contour.

GAS TANK

If original gas tank is ahead of the back of the rear wheels, it must remain and be used. *It is mandatory that a safety chain be installed under the tank running front to back to catch the tank in case the original straps break.* If original tank is located behind rear wheels must be removed and a maximum 10 gallon fuel cell be securely installed with metal straps/brackets in trunk, with filler inside trunk. Firewall or metal box is mandatory if fuel cell is in trunk.

ENGINE, DRIVETRAIN AND COMPONENTS

Engine, transmission (automatic or standard), and rear end must remain stock. No interchanging parts. Motor is to be stock for make and model of car.

Stock carburetor/fuel injection system for make and model only. Stock air intake systems. No K&N (or similar) filters.

Stock filter must remain but paper can be hulled.

All steering components, shocks, struts, etc. must remain stock for vehicle. Wheelbase must remain the same on both sides. Camber on all wheels will be no more than 2.5° (+/-) post race. Rear wheels will be no more than 1.5° (+/-). Stock four- wheel brakes. No rear sway bar. Springs may be lowered. Car may not be any lower than 6".

Cars considered by officials to have altered components could be subject to rejection or disqualification based on the decision of officials.

HOOD

Full stock hood, bracing, and hinges must remain. Only the latch may be removed and a tie-down or pins to be used. All insulation under hood must be removed. No scoops or air dams.

BATTERY

THE BATTERY CAN BE LOCATED IN THE ENGINE COMPARTMENT IN THE STOCK LOCATION. ANY BATTERY LOCATED IN THE DRIVER COMPARTMENT MUST BE LOCATED AS CLOSE AS POSSIBLE TO THE FIREWALL AND RIGHT FRONT TIRE AND INSIDE A MARINE CASE. THE BATTERY MUST BE SECURELY FASTENED.

TRUNK

Full stock trunk, bracing, and hinges must remain. **Rear hatch must remain.** And a tie-down or pins to be used. Floor must remain. Repair of floor O.K. with stock thickness metal. Must follow original contour.

RADIATORS

Radiators must fit in stock radiator cradle. No antifreeze or other cooling additives allowed. Water only.

NUMBERS

Numbers must be 18" high on both doors and roof, and readable from the grandstands.

Also require a 6" white number on the top passenger side corner of the windshield Recommend white numbers. Any numbers deemed difficult to score by the officials, the driver will be informed and expected to make necessary changes. Failure to do so could result in a refusal by Officials to honour any scoring concerns about the effected car. **Anyone requesting a number must email registration@pettyraceway.com**

TIRES AND WHEELS

All wheels must be either 185/65 12" to 205/65 15" diameter and 65 series only. NO ALUMINUM WHEELS. No intermixing of wheel size is permitted. All tires must be the same size. No V rated tires. All tires must be DOT approved.

Stock passenger wheels (unmodified) only. Wheels must be stock size (width, height, and offset) for car. All 4 wheels must be same. Maximum wheel width is 6" on front and rear.

No chemical treating of tires (i.e. Compound Altering / Tire softening). Tires will be subject to durometer testing. Failure to comply will lead to penalties/suspension.

BRAKES

Car must have properly working 4 wheel brakes.

No air ducts allowed.

SAFETY

Seat belts must be worn whenever car is on the racetrack. Belts must be in good condition and not less than 1-1/2 inches wide.

A minimum four-point harness is mandatory. Lap belts must be bolted to original seat belt mounts. Shoulder belts must be fastened to the roll bar at shoulder height. All belts must have seat belt mounts and fasteners. No tying, riveting, or any other method other than proper attachment is acceptable. Drivers are responsible to insure all safety equipment is in good condition and securely installed.

Drivers' side window net, with quick release from top, is mandatory.

Helmets must be worn whenever car is on racetrack. **Full-faced helmets are mandatory.** Helmet must be DOT approved: Recommend Snell approval. Helmets must be free of cracks and must accompany car at time of inspection.

A securely mounted in a steel bracket attached to the floorboard, easily removed (quick release) fire extinguisher is required, within easy reach of the driver. **CANNOT BE SECURED WITH TIES OR BUNGIE CORDS.** It must have a recharge slip dated no earlier than January first of the current year, or an unbroken seal.

Long sleeve, cotton or denim pants and shirts are mandatory whenever car is on racetrack. Driver's suits or one-piece cotton coveralls with long sleeves are recommended.

DOOR PROTECTION

A driver's side doorplate is required. It will be a minimum 3/16" steel plate (at least 12" wide) if contoured (rolled, not cut and re-welded) with body, installed on the outside of the driver's door. Non-contoured plate must be minimum 3/16" thick. The center of the plate must follow an imaginary line drawn from the top edge of the front and rear bumpers. It must extend ahead and behind the door and be bolted through the doorframes ("A" and "B" pillars) with a minimum of four carriage bolts. Bottom of plate should be as close to the rocker panel as possible. Plate should follow the contour of the body and must be painted the same color as the car. If no plate must have a min of 3 bars on drivers side.

ROLL CAGE

A minimum of an **H** roll bar. Fastened to roof and the floor (with plate top and bottom) with 4 bolts per plate is required. A 4-point roll cage is allowed.



MISCELLANEOUS

Petty Raceway reserves the right to confiscate and retain any parts or components that are deemed to be non-conforming to the rules set forth in these pages. The decision of track management will be final.

Any questions regarding these rules please contact Wayne Smith at wayne@pettyraceway.com