



2021 SYDNEY SPEEDWAY

MINI STOCK RULES

Last Updated (September 15th, 2021)

DISCLAIMER

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum requirements for such events. These rules shall govern the conditions of all events, and by participating in these events, participants are deemed to have complied with all of these rules.

NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF OR COMPLIANCE WITH, THESE RULES AND/OR REGULATIONS.

They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator, or official. The Race Director shall be empowered to permit minor deviations from any of the specifications herein or to impose any further restrictions that in his opinion do not alter the minimum acceptable requirements.

***NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY
SHALL RESULT FROM SUCH ALTERATIONS OF SPECIFICATIONS.***

Any interpretation or deviation of these rules is left to the discretion of the officials.

Their decision is final.

APPROVED MODELS

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

BODY/BUMPERS

- **No body parts can be any lower than 4".**
- Glass windshields are allowed. Lexan windshields are recommended, must have two braces.
- Rear pillar windows may be replaced with Lexan.
- All glass, headlights and taillights must be removed except windshield • One drivers side mirror and a rearview mirror is mandatory. • Driver's door and Passenger door must be welded or bolted shut. • 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" 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.
- Carriage bolts must be used to secure body panels or bumpers.

COMPUTERS

- Stock ECU 7200 max, No chipping. All computers must be approved by Sydney Speedway.

INTERIOR

- Gearshift and pedals must remain.
- Aftermarket oil pressure and heat gauges are allowed.
- Roof insulation, floor covering and other interior must be removed. • Stock floorboards must remain. All holes must be covered with stock thickness metal, and follow original contour.
- Seat must be bolted to cross bar to prevent back of seat from going forward or backward.
- **Aluminum racing seats are mandatory.**

EXHAUST

- A single exhaust pipe (Max 2") 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.
- Exhaust manifolds must be stock, no aftermarket headers.

GAS TANK

- If original gas tank is being used, It is mandatory that a safety chain is 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.

HOOD

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

ENGINE, DRIVETRAIN AND COMPONENTS

- Engine, transmission (automatic or standard) must remain stock. • If running automatic transmission, must run automatic throttle body. If running standard transmission, must run standard throttle body. • fuel injection system, and air intake systems must remain stock. No alterations allowed.
- Stock filter must remain but paper can be hulled. No K&N (or similar) filters.
- No aluminum or light weight fly wheels allowed. **No alterations are to be made to stock fly wheel.**
- Maximum compression of 210lbs for ALL CARS.
- All steering components, springs, struts, etc. must remain stock.
- Suspension rubbers can be replaced with Teflon bushings.
- **No coil over adjuster sleeves or progressive springs.**
 - **No rear sway bars. Front sway bars are allowed but must have stock links and must be stock length side to side.**
- Wheelbase must remain stock, a 1/2" tolerance side to side will be in effect.
- Camber on all four wheels can be adjusted to the driver/team's desire. May use adjustable ball joints in front only on all models; anything deemed unsafe by officials will be addressed prior to the vehicle being permitted to enter the racing surface.
- Springs may be cut to achieve ride height. Car may not be any lower than 4 1/2". Spring rubbers are allowed.
- Cars considered by officials to have altered components could be subject to rejection or disqualification based on the decision of officials.

BATTERY

- The battery can be located in the engine compartment in the stock location, or inside the car behind the driver seat, or on passenger floor. Any battery located in the driver compartment must be securely fastened down and inside a sealed battery box.

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 (white numbers are recommended).
- 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 honor any scoring concerns about the effected car.

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 location. No antifreeze allowed, Water only.

BRAKES

- Car must have properly working 4 wheel brakes. Stock brake system for make and model of car must remain.

TIRES AND WHEELS

- All wheels must be 14", 15", or 16" diameter and same width for all 4 rims.
 - Maximum wheel width is 6".
 - Stock passenger wheels only (No Modifying).
 - **No race wheels.**
 - No ALUMINUM WHEELS.
 - Tires can be a max of 205/60/16.
 - All tires must be the same size.
 - **No legend tires allowed.**
 - No V rated tires.
 - All tires must be DOT approved, no softer than a 360 tread wear and no dual compound tires.
 - 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.

DOOR PROTECTION

- A driver's side doorplate is required. It will be a minimum 1/8" steel plate (at least 12" wide). If doorplate is contoured (rolled, not cut and re-welded) with body, it is to be installed on the outside of the driver's door. Non contoured plate must be minimum 1/8" 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 using rub-bars, you must use carriage bolts to fasten them.

SAFETY

- Seat belts must be worn whenever car is on racetrack. Belts must be in good condition and not less than 1- 1/2 inches wide.
- A minimum **five-point harness is mandatory.**
- Lap Belts must be bolted to the floor. 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' side window net, with quick release from top, is mandatory. • Full-faced helmets are mandatory. Snell approved helmets no older than 2010 mandatory. No DOT or M style allowed.
- Helmets must be free of cracks and must accompany car at time of inspection.
 - A securely mounted fire extinguisher in a steel bracket attached to the floorboard, that is easily removable (quick release) is required, within easy reach of the driver. CANNOT BE SECURED WITH TIES OR BUNGIE CORDS.
- Fire extinguisher must have a recharge slip dated no earlier than January first of the current year, or an unbroken seal.
- Driver Race Suit is mandatory. Race boots, head restraints are recommended.
- Drivers are responsible to insure all safety equipment is in good condition and securely installed. **Track officials will be checking.**
- Officials will park *any* race cars they feel are not up to safety standards.

ROLL CAGE

- A four-point roll cage consisting of 1.75" diameter and .095 wall thickness roll bars is mandatory.
- The roll cage shall consist of four vertical upright bars (Must have 1/8" plate on bottom of all four points connecting to floor) connected at the top on all sides.
- Roll cage must run the full width of the frame, rocker panel to rocker panel.
- A shoulder height crossbar must support the rear vertical uprights. Three horizontal bars are required on the left side door area and two on the right

side (These are minimum numbers).

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- The driver's side door bar openings must be filled in with a 1/8" steel plate. Bars may be mounted to the rear edge of the top halo and extend to the rear strut towers and may be extended to the rear of the car. 1/8" steel plates or other approved methods must be used to mount the cage to the body.

GO FAST, TURN LEFT!

