



MASS 2024 Mini Stock Rules

Disclaimer

The following rules are designed to ensure racing events conducted by the Maritime All Star Series are conducted in an orderly fashion. Competitors agree to these rule by participating in our events.

Raceday procedures can be seen under a separate heading and is the same for all 3 of the Maritime All Star Series divisions, Late Model Sportsman, Street Stock and Mini Stock.

If you have any questions regarding Rules or Procedure, please contact

Craig McFetridge, or email info@maritimeallstars.ca

Approved Models

Any Four Cylinder cars.

No Turbocharged cars allowed.

SOHC only (single overhead cams)

Must have a complete stock body and frame.

Cars must be front wheel drive, with a standard or automatic transmission.

Body, Bumpers and Frame

Frame must be no lower than 5.5" at its lowest point.

No body parts lower than 3.5"

Lexan windshields are recommended and must have 2 braces.

Rear side windows may only be replaced with lexan.

Rear window and hatch must remain open.

One driver side mirror and 1 rearview mirror are mandatory.

All doors are to be bolted or welded shut.

All cars must have a complete body at the beginning of a raceday.

No aluminum bumpers allowed

Tow hooks are required on the front and rear of the car.

No exposed hex bolts

Hood

Stock metal hood must remain.

Trunk

Full stock trunk, bracing and hinges must remain.

Rear Hatch must remain, latch can be removed and hatch secured with pins.

Original floor to remain, and can be repaired with original type material.

Interior

Gear shift and pedals must remain.

Aftermarket oil pressure and heat gauges can be used.

Stock floors must remain.

All combustible material to be removed.

Aluminum racing seat is required and must be secured to both the floor and the roll cage behind the driver to prevent forward movement.

Gas Tank

If the original tank is being used, a safety chain must be installed under tank, to catch tank if originals straps fail.

A fuel cell of no more than 10 gals can be mounted inside of the trunk.

Must be installed using metal straps and brackets.

A firewall must be installed between tank and driver and the fill must be located within that fire box/wall.

If using the fuel

Radiator

Radiators must be in stock location and be filled with water only.

Brakes

The car must have working brakes on all 4 wheels.

Stock brake components for make and model must remain.

Absolutely no brake bias or restrictions of any kind.

Battery

The battery can be located in the stock location within the engine compartment, or in the driver compartment located as close to the passenger side firewall securely fastened in a marine case.

Engine, Drivetrain and Components

Engine and transmission (standard or automatic) must remain stock.

Engines are subject to a vacuum rule using factory tolerances for your engine code.

Maximum compression of 210lbs for all cars.

Drivetrain to remain stock to car, no interchanging parts

Fuel injection systems must remain stock to car.

No ALUMINUM flywheels, and no alterations to stock flywheel other than

resurfacing.

No locking differentials, or limited slip differentials allowed.

Steering components, springs, struts, etc, must remain stock.

Springs may be cut to get to the minimum 5.5" ride height.

Spring rubbers are allowed.

No coil over , adjustable sleeves or progressive springs allowed.

No rear sway bars

Front sway bars are allowed but must be mounted to stock specifications.

Wheelbase must remain stock for make and model with a 1/2" tolerance side to side.

Camber side to side can be adjusted to each teams desire.

May use adjustable ball joints in front of car only.

CARS WITH WHAT IS DEEMED TO HAVE ALTERNATE COMPONENTS ON THE CAR CAN BE EXCUDED FROM THE EVENT OR DISQUALIFIED AT POST RACE INSPECTION.

Computer

Stock computer for make and model, no chipping or modifications.

Exhaust

A single exhaust measuring no more than 2" from a stock manifold to the exit out of passenger door is allowed

Exhaust must point away from the gas tank.

No aftermarket manifolds or headers allowed.

Tires and Rims

All wheels must be 14, 15 or 16 inch, and same width for all 4 wheels.

Wheels can be no wider than 6".

No racing wheels.

No Aluminum wheels.

Maximum tire size is 205/60/16

All 4 tires must be same size.

No V rated tires

All tires must be DOT approved.

No softer than a 360 treadwear is allowed, must be visable on all 4 tires, no

duel compound tires.

No chemical softening of tires.

Softened tires is an automatic DISQUALIFICATION for the event.

Weight

No lead to be installed, unless directed by the tech official.

Roll Cage

A 4 point roll cage consisting of 1.75 diameters and .095 wall thickness round tubing is required.

It must consist of 4 uprights and have 1/8 plate on all 4 corners mounting to the floor, and connect to the top on all 4 sides.

Cage must run full width of the frame, rocker panel to rocker panel.

A shoulder height crossbar to support the uprights.

At least 3 horizontal bars located on the drivers door, and a minimum of 2 on the right side.

Drivers side bars must be filled with a minimum of 1/8" plate.

Strut bars from the top of the rear halo down to the rear strut towers must be used.

Door Protection

A door plate of 3/16 or 1/8 inch at least 12 inches wide, must be located on the drivers side with a minimum of 4 carriage bolts.

If using rub rails they must be no bigger than 1 1/4" square and mounted with carriage bolts.

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" wide.

Minimum of a 5 point harness is mandatory.

Lap belts bolted to the floor and shoulder belts must be bolted to the roll cage at shoulder height.

Drivers side window net is required with a quick release from the top is mandatory.

FULL FACE HELMETS ARE MANDATORY, SNELL 2015 APPROVED

HELMETS ARE THE MINIMUM REQUIRED.

No DOT or M style helmets are allowed.

Helmets must be free of visible damage.

An up to date 5lb fire extinguisher must be mounted with a proper bracket within the drivers reach.

Drivers race suits, gloves and boots are mandatory, head restraints are recommended.

Drivers are responsible for all safety related requirements to their cars, but tech officials will be checking.

Tech Officials have the authority to park any cars due to safety defects.

All rules are subject to change

**Contact Craig McFetridge
Maritime All Star Series**