

# Diamond Mountain Speedway 2021 Rules Mini Stock

## 1. Engine Components

- a. Maximum displacement 2300cc Minimum weight 2300 pounds after the race with the driver.  
Set back or lowering of the engine NOT ALLOWED.
- b. Must be (3 or 4) Four-cylinder, OEM – Block. After Market Cranks, Heads, Rods & Pistons, Cam, lifters, followers, and rockers Are NOT Allowed.
- c. Carburetor 500 cfm. (2 bbl) maximum or factory fuel injection
- d. After market intake and exhaust NOT ALLOWED NO TURBOS.

## 2. Fuel System

- a. You must have a rollover switch tied into any electric pump, which may be an oil mercury switch.
- b. No outside filler caps. Gas tank must be accessible from outside of the car and must be at least 12" forward from rear most part of the bumper.
- c. Fuel cell mandatory. Must be securely mounted using steel straps.

## 3. Battery

- a. 12 volt only.
- b. Must have battery disconnect switch within reach of the driver and be clearly marked. Switch must shut car off when all other switches are on.

## 4. Wheels and Tires

- a. Maximum 8" wheels, steels only.
- b. Maximum 105" wheelbase
- c. D.O.T. street tires, IMCA tire or Hoosier race tire, Maximum 8" width, no mud or snow tires.

## 5. Transmission and Drivetrain

- a. Front or Rear wheel drive O.K.. Must have all forward and reverse gears.

## 6. Body

- a. Compact Cars, Short wheel base mini trucks conventional cabs, Blazer

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type vehicles 2door only .Must be stock appearing, maximum 4" rear spoiler. Wheel opening may be adjusted for tire clearance.

- b. No after market bodies.
- c. Drivers compartment must have floorboards. All holes, in firewall and floorboards must be plugged with a min of 18 gauge material. Hood must have minimum of 2 hood pins in front to secure in place, doors welded, bolted or chained. Trunk must be securely fastened and in place.
- d. Front Window bar 3/8 min mandatory min of three. Mesh type screen covering recommended.
- e. Frame must be tied together with box tubing or by an x member under the chassis.

## **7. Roll Cage**

- a. Full 6- point cage with full root hood required must be constructed using 1 1/2 inch x .095 wall tubing minimum. Must be securely welded to frame or floor or plate.
- b. All joints must be 100% welded and all 90 degree joints must be gusseted.
- c. Driver side door must have 4 bars and passengers side 3 bars with 2 interconnecting vertical bars between each other and to frame.
- d. Main roll bar to be braced from the top down to the rear frame. minimum of one diagonal and horizontal brace behind drivers seat half way up.
- e. Foot protection bar 1 1/3 inch x .095 mandatory.
- f. All bars within reach, or head reach must be padded.
- g. Front loop recommended must be 100% welded at all joints

## **8. Safety**

- a. 5 point racing harness. Headrest recommended and window net mandatory.
- b. Driver must wear a snell- rated SA 2005 or newer safety helmet.
- c. Must wear an approved neck brace.
- d. Must have a minimum 2 1/2 LB fire extinguisher within reach of the driver.
- e. SFI approved driving suit or FR Coveralls and gloves are mandatory. Leather shoes, boots or racing shoes required.

## **9. Suspension Modifications**

- a. Stock steering components only. No After Market Rack And Pinions Allowed.
- b. Stock shocks& springs.
- c. No Modifications to the Suspension must be stock to Make & Model.

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