



2023 TECHNICAL RULES

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Over the past several years, Open Modified racing has experienced a resurgence, allowing drivers from different weekly divisions and touring series to compete together with their own rules package at short tracks like Stafford Motor Speedway and in the Monaco Modified Tri-Track Series.

As part of its offerings, JDV Productions will be offering two standalone races under the JDV Open Modified banner, in keeping with the existing and established rules for this type of racing.

Teams will be required to comply with rules in the 2023 NASCAR Whelen Modified Tour, Race of Champions, Modified Racing Series, or their respective Weekly Series Rulebooks. The following serves to clarify, add, and explain exceptions to those rulebooks.

BASIC CAR RULES

- A. Only safe Modified type race cars with a wheelbase between 104" – 110" are permitted.
- B. The maximum tread width is 84" when measured at wheel bead.
- C. All cars must have their own transponders mounted on the right side 12.0" back from the centerline of the rear axle.
- D. All cars must have mufflers.
- E. Rear Spoiler:
 - The maximum width of the rear spoiler is 48.0".
 - The blade height may not exceed 8.0;
 - The maximum height of the spoiler may not exceed 44.0" with the driver in the car.
- F. Traction control is not permitted.
- G. Only spool-type rears are allowed.
- H. No coil binding, bump stops or travel limiting devices are allowed. No spring rubbers are permitted in the left front spring; only one spring rubber is permitted in the right front spring.
- I. A roof intrusion plate is required on any car with a fiberglass or non-steel roof.
- J. Flat, straight windshields are only permitted on the driver side. The maximum width may not exceed 24.0" and the minimum thickness must be ¼" Lexan.
- K. No carbon-fiber seats are allowed.
- L. All frame components must be made of magnetic steel meeting the ASTM A-500 specification and welded. Alloys other than mild steel will not be permitted.

WEIGHT RULES

All total and left side weights will be measured with the driver strapped in the seat before the heats and features.

- A. SK, Sunoco and Sportsman Modifieds:
 - Minimum weight requirement: 2,575 lbs.
 - Maximum left side weight: 57%.
- B. Tour-Type Modifieds
 - Minimum weight requirement: 355 cu in - 364 cu in: 2,600 lbs.
 - Minimum weight requirement: 365 cu in - 372 cu in: 2,650 lbs.
 - Maximum left side weight: 56%.

- C. SPEC Engine
- Minimum weight requirement: 2,600 lbs.
 - Maximum left side weight: 56%.

SPECIFIC ENGINE RULES

- A. LS Tour-Type Spec-type engines must have current year Tour seal in place.
- B. All aluminum, 18-degree head built engines will use only 390 CFM carburetors with .500 length bridged boosters.
- C. All aluminum 23-degree head built engines can use the same carburetor with bridges removed that meet MRS rules.
- D. The only exception is the Dart aluminum budget/spec head package which can use any size Holley Model 4150 HP series type carburetor.
- E. All carburetors must have the boosters safety wired.
- F. All aluminum head engines are allowed one single maximum 2" carburetor spacer.
- G. 650 CFM carburetors must pass go/no-go gauges.
- H. Maximum cubic inch limit 372 cu in for all built engines.
- I. All ported steel head engines must use Holley 4777 – 650 CFM carburetor with stock Holley OEM components for this model carburetor.
- J. SK, Sunoco Modified: maximum 650 CFM carburetor only. No modifications other than removal of the choke tower.
- K. MEP (Mcgunegill Engine Performance) Equalizer sealed Super Late Model engines will be allowed.
- L. Tri-Y headers allowed.
- M. Engine compression and displacement equipment will be present at each event.
- N. Maximum compression ratio on all engines is 12:1. Any engine exceeding 12:1 will be assessed a weight penalty to be determined by JDV Open Modified Officials.

FUEL

- A. JDV Open Modified approved fuels (Sunoco) must be a leaded fuel with a pump octane of 110- 112 (R+M) and meet the manufacturer's specifications.
- B. Fuel samples will be tested to the manufacturer's specifications.
- C. JDV Open Modified legal fuels must be used for practice, qualifying, and competition.
- D. JDV Open Modified Officials have the right to sample a competitor's fuel at any time during an event. Samples will be impounded for observation and/or testing by JDV Open Modified Officials, the manufacturer, or an independent laboratory.
- E. No fueling or refueling during any qualifying or feature events.
- F.

TIRE RULES

- A. Tire Type: Hoosier M20 Left-side, Hoosier M30 right-sides.
- B. Tire allotments and procedures will be published in the Official Event Information Form for each event.