



2022 LATE MODEL STOCK | KINGSPORT SPEEDWAY

Rule Deletions are ~~struck through~~, Rule additions are **highlighted**

12-1 General

- A. The rules in this Section are that of the Speedway. Refer to the NASCAR Weekly Racing Series Rule Book for all other LMSC rules.
- B. Tires -- Hoosier F-45. Four (4) new tires for season-opening Event. After each Event, all tires will be impounded. The left side tires will go on the right side the following Event: the previous Event's left side tires will be used as spares for that Event (the spare tires are the only tires that can be used as change tires in instance of a flat, etc.). Two (2) new tires can be purchased for the left side only. If new tires are not purchased, scuff tires can be purchased from Speedway tire trailer. Flipping of tires on the rim after the Race is not permitted. If a Competitor has not competed at the Speedway, the Speedway will provide scuff tires for the right side.
- C. Late Model Trucks are eligible for competition if approved by Track Officials.
- D. Aftermarket muscle car bodies are eligible for competition if approved by Track Officials.
- E. Refer to the NASCAR Weekly Racing Series Rule Book for all updated ground clearance requirements.

12-2 Engines / Weights

- A. 604 Chevrolet (GM) Crate Engine: 650 CFM; 3,000 lbs. – 1,300 lbs. right side. With Pro Shocks 1285 right side.
- B. Chevrolet (GM) crate engines may use any magnetic spring cup retainer or lock. Stock springs (GM) or Competition part numbers 26915 or 26975-16. Chevrolet (GM) crate engines are also permitted to use Ferrea valves part numbers F6161 6000 series and F6165.
- C. Ford 347SR Crate Engine: 650 CFM; 3,100 lbs. – 1,400 lbs. right side with built shocks. 3,070 lbs – 1,385 lbs right side with Pro Shocks.
 - i. Ford Crate Engine will be allowed to use a one-piece, solid, open aluminum carburetor spacer, one inch maximum in thickness, between the intake manifold and the carburetor. The carburetor spacer opening must be perpendicular to the base plate of the carburetor with no taper or bevel.
- D. Chevrolet (GM) Upgrade Engine: 500 or 390 CFM; 3,050 lbs. – 1,350 lbs right side with built shocks. 3,035 lbs – 1,335 with Pro Shocks. Can use one-inch spacer – must be the four-hole spacer and match the throttle base of the 390.
- E. Harrington Enforcer: 650 CFM; 3,100 lbs. – 1,400 lbs. right side with built shocks. 3,070 lbs – 1385 lbs with Pro Shocks.
- F. All blending of shocks will result in the maximum weight.

12-3 Rocker Arms

- A. 1.5 or 1.6 rockers optional on all crate engines. Ford crate rocker arms should be 1.65.

12-4 Shocks

- A. Any racing shock is permitted – **Per NASCAR Rulebook**
- B. Any car that runs all Pro shocks **(77,75,76)** is eligible for a 30 lbs. weight break. (Must be all shocks – any less than four Pros is not eligible for weight break.)

12-4 Transmission

A. G force top load transmission optional. All four (4) gears must work.

12-5 Brakes

A. Slotted brake rotors are permitted.

12-6 Two-way Radios

A. LMSC teams are required to use a spotter. One crew member must be able to scan the race control channel – 461.2000.

12-7 Electrical

A. MSD Ignition boxes can be claimed 15 minutes after the Event. Red MSD boxes are \$400 to claim, and black MSD boxes are \$600 to claim. The claim must be submitted in writing to a Track Official with the required amount of money.

12-8 Steel Shock/4" Ride Height

A. Any competitor may chose to compete at Kingsport Speedway in the Late Model Division with the steel shocks defined below and maintain a ride height of 4" at all times and will be allowed to decrease their weight by 100 lbs on total with the reduction spread evenly on both sides of the vehicle. If this configuration is chosen, the competitor will not be allowed to utilize any bump stops or coil bind at any time during qualifying or race. The vehicle shall meet all of the other requirements of the NASCAR 2022 Rulebook.

Pro Shocks:

Front – WB77

Rear – WB94, WB95, WB96 & WB97

Afco Shocks:

Front – 1477

Rear – 1494, 1495, 1496 & 1497

12-9 Body/Hood

A. All cars with hoods that have openings allowing fresh air enter the engine bay, or hot air escape the engine bay when closed must either:

- a. Fix body/hood mounting to remove openings or
- b. Tape perimeter of the hood to close openings
- c. If neither of the above can be done must at 25lbs to total weight.