

## 2026 Limited Late Model Stock Rules

\$1000 fine for tire soaking \$500 fine for antifreeze

The Limited Late Model Limited Division will run under the 2026 NASCAR Advance Auto Parts Weekly Series Late Model Stock Car Rules with the following allowances.

With the Limited Late Model Division for 2026, after a first win, the winning competitor will start the next event as qualified, however that position can be no better than 5<sup>th</sup>, if the same competitor wins a second feature in a row (two appearances) the winning competitor will start the next event as qualified, however that position can be no better than 10<sup>th</sup>, if the same competitor wins a third feature in a row (three appearances) the winning competitor will start the next event as qualified, however that position can be no better than 15<sup>th</sup>, if the same competitor wins a fourth feature in a row (four appearances) the winning competitor will start the next event as qualified, however that position can be no better than the tail end of the longest line.

(In the event of a twin event, the winners position will be 8<sup>th</sup>)

### COMPETING MODELS:

1. 1996-2026 American-made Passenger car production sedans. 2. Ford: Thunderbird, Taurus, Fusion 3. Pontiac: Grand Prix 4. Chevrolet: Lumina, Monte Carlo, Impala 5. Dodge: Intrepid, Charger 6. Toyota: Camry 7. Chevrolet Camaro and Ford Mustang bodies allowed, must be installed at the manufactures specifications and approved by HMS Tech Director. Rear spoiler must meet 2026 NASCAR LMSC specifications.

### OVERALL CAR WEIGHT (total/right side)

1. Chevy Z24/603 and Ford 347JR engine: 3075/1350 lbs with driver.
2. Chevy 8604 Crate engine: 3100/1400 lbs with driver and 4 barrel, 3075/1375 with 2 barrel
3. Ford D347SR engine: 3100/1400 lbs with driver
4. ~~Hickory little engine: 3100/1400 lbs with driver.~~
5. Late Model Stock engine: 3100/1400 lbs with driver.
6. ~~8602 Crate engine—3050/1350 lbs with driver.~~
7. HMS Enforcer (Harrington Spec) 3100/1400 lbs with driver

When cars are weighed after a race, only water in the radiator, 2 quarts of oil in the engine, and fuel as determined by race officials may be added. No wheels or tires may be changed. Cars must meet minimum weight after qualifying

### DETAILED CAR BODY REQUIREMENTS

1. Refer to LMSC 2026 with the following allowances:
2. 46 inch maximum measurement from the leading edge of front air dam to center line of right front spindle 3. Steel Body cars refer to the LMSC (2009)

### GENERAL ENGINE REQUIREMENTS

#### Z24 Crate Motor (PN# 88958603)

1. Engine must be stock out of the crate except for the following.
2. Valve covers may be changed.
3. Oil pan may be changed. Late Model Stock rules apply.
4. Valves springs must be stock for Z24 engine (No Aftermarket Springs).
5. Optional: GM 604 "Beehive" type valve springs may be used but must remain as specified in the GM Performance Parts Circle Track Engine Technical Manual (No Aftermarket Springs). Shimming will be permitted to maintain 1.78" installed height as per GM Performance parts Circle Track Engine Technical manual.
6. Rockers Arm must be stock for Z24 engine. 603 Crate may use aluminum rocker arms, ratio must remain as OEM stock steel rockers for 603 Crate motor.
7. Polylock rocker arm nuts will be permitted.
8. Carburetor Holley HP80507-I 390 cfm stock out of the box. Only changes allowed are the power valve, squirters, screw-in air bleeds and jets. Recommended that boosters be epoxied to carburetor body. Only Holley replacement parts allowed.
9. A one piece open hole solid aluminum carburetor spacer, a maximum 1" in thickness, may be used between the intake manifold and the carburetor. The spacer must be centered on the intake manifold with a single open hole which must be cut perpendicular with the base of the carburetor. Taper, bevels, or any other modifications will not be permitted.
10. A one piece, one hole paper gasket. Maximum .065" thickness that matches the exterior dimensions of the carburetor throttle base plate must be installed between the carburetor and spacer. A one piece paper gasket maximum .065" thickness must be installed between the spacer and the intake manifold. The gasket must not be larger than the top of the intake.
11. The bottom of the air filter housing must be lower or equal to the top of the carburetor vent tubes.
12. Offset air cleaner may be used for distributor clearance.
13. No spacer between air cleaner base and carburetor.
14. Same as LMSC, except offset allowed for distributor clearance.
15. Stock vibration dampener only!
16. Any non-approved modifications may result in confiscation of entire engine assembly including but not limited to intake, starter, valve covers, rocker arms, springs, etc.

17. Crate motor technical specifications will be based on the GM Performance Parts Circle Track Crate Engine Technical Manual part# 88958668 revised 2015

18. All crate engines must be located with the # 1 spark plug lining up to right side upper ball joint.

GM Fast burn 350/400 Circle Track Engine (PN# 88958604)

Optional Carburetors for Carburetor for GM Fast burn 350/400 Circle Track Engine (PN# 88958604)

Option 1:

1. Fast burn crate engine will use only an approved Holley 2 barrel 450 cfm Carburetor or either stock 500 cfm Holley/500 cfm Holley Ultra XP. Only changes that will be allowed are the power valve, squirters, screw-in air bleeds and jets. Recommended that the boosters be epoxied to carburetor body. Only Holley replacement parts allowed.

2. .750" thick maximum NASCAR LMSC approved aluminum spacer allowed between carburetor and intake manifold for Holley 2 barrel 450 cfm Carburetor or either stock 500 cfm Holley/500 cfm Holley Ultra XP.

Option 2:

1. Fast burn crate engine will use only an approved Holley HP80507-I 390 cfm or Holley 650 Carburetor part #0-80541-1 stock out of the box with all of the below. You may change jets, squirters, screw-in air bleeds and power valve only. Recommended that boosters be epoxied to carburetor body. Only Holley replacement parts allowed.

2. Holley 390 Carburetor part #0-80507-1 must use a 1 inch Governor part # ALL-26060 with 1.4 puck size part # ALL-26069. Spacer and Pucks may not be altered in any way from manufacture specs, including, but not limited to the taper, bevels, or any other modifications will not be permitted.

3. Or Holley 650 Carburetor part #0-80541-2 must use a 1 inch Governor part # ALL-26060 with 1.3 puck size part # ALL-26067. Spacer and Pucks may not be altered in any way from manufacture specs, including, but not limited to the taper, bevels, or any other modifications will not be permitted.

4. A one piece, one hole paper gasket. Maximum .065" thickness that matches the exterior dimensions of the carburetor throttle base plate must be installed between the carburetor and spacer. A one piece paper gasket maximum .065" thickness must be installed between the spacer and the intake manifold. The gasket must not be larger than the top of the intake.

Option 2: GM Fast burn 350/400 Circle Track Engine (PN# 88958604)

1. 604 Fast burn crate engine may use an approved Holley 650 Carburetor part #0-80541-1-3 stock out of the box with all of the below. (bolted directly onto the intake) You may change jets, squirters, screw-in air bleeds and power valve only. Recommended that boosters be epoxied to carburetor body. Only Holley replacement parts allowed.

2. A one piece, one/open hole paper gasket. Maximum .065" thickness that matches the exterior dimensions of the carburetor throttle base plate must be installed between the carburetor and the intake manifold. The gasket must not be larger than the top of the intake.

3. 604 Fast burn crate engine must use 1.5 rockers with the package listed above.

\*These combinations have been tested and approved to be competitive with all other engines approved for Paramount Auto Group Limited Late Model. Combinations are subject to change and can be adjusted as necessary. Please call Hickory Motor Speedway if you have any questions.

Remainder of rules for GM Fast burn 350/400 Circle Track Engine (PN# 88958604)

1. Engine must remain completely stock except for valve covers and oil pan. See Late Model Stock NASCAR rulebook for oil pan rules.

2. All crate engines must be located with the # 1 spark plug lining up to right side upper ball joint.

3. GM 604 Crate Motors may run any 1.5 or 1.6 aluminum self-aligning rocker arms with 3/8" stud. A combination of 1.5 and 1.6 rocker arms is approved, however, 1.6 rockers must be on the intake valves with 1.5 rockers on the exhaust valves.

4. GM 604 Crate Motors without the new style 'Beehive springs' may use aftermarket retainers, keepers, locators/spacers, but all parts must be magnetic steel. Shimming will be permitted to maintain 1.78" installed height as per GM Performance parts Circle Track Engine Technical manual.

5. GM 604 valve springs must remain as specified in the GM Performance Parts Circle Track Engine Technical Manual. (No Aftermarket Springs)

6. Crate motor technical specifications will be based on the GM Performance Parts Circle Track Crate Engine Technical Manual part# 88958668 revised 2015.

M-6007-S347JR Crate Engine

1. Crate motor technical specifications will be based on the 347 Series Ford Racing Tech Spec Manual.

2. Valve covers and oil pan may be changed. See Late Model Stock NASCAR rulebook for oil pan rules

3. Carburetor Holley HP80507-I 390 cfm stock out of the box. You may change jets, squirters, screw-in air bleeds and power valve only. Recommended that boosters be epoxied to carburetor body. Only Holley replacement parts allowed.

4. A one piece open hole solid aluminum carburetor spacer, a maximum 1" in thickness, may be used between the intake manifold and the carburetor. The spacer must be centered on the intake manifold with a single open hole which must be cut perpendicular with the base of the carburetor. Taper, bevels, or any other modifications will not be permitted.

5. A one piece, one hole paper gasket. Maximum .065" thickness that matches the exterior dimensions of the carburetor throttle base plate must be installed between the carburetor and spacer. A one piece paper gasket maximum .065" thickness must be installed between the spacer and the intake manifold. The gasket must not be larger than the top of the intake.

6. The bottom of the air filter housing must be lower or equal to the top of the carburetor vent tubes.

7. Any non-approved modifications may result in confiscation of entire engine assembly including but not limited to intake, starter, valve covers, rocker arms, springs, etc.
8. All crate engines must be located with the # 1 spark plug lining up to right side upper ball joint.
9. Rules may be adjusted as needed

Ford part # M-6007 D347SR engine

Option 1:

1. D347 SR engine will use only an approved Holley 2 barrel 450 cfm Carburetor , or the Holley 500 HP Series part #080583-1 or the Holley 500CFM Ultra HP and XP 2BBL aluminum body carburetor part numbers 4412HB, 4412HBX, 4412BK and 4412BKX. These carburetors must remain as manufactured. The only changes allowed will be to change jets, power valve, screw in air bleeds in the main body, and screw in emulsion bleeds in the metering blocks per 2026 NASCAR rulebook Carburetor rework guidelines allowed. Refer to 2026 NASCAR Rulebook for Holley 500 cfm Carburetor rules and rework guidelines.
2. .750" thick maximum NASCAR LMSC approved aluminum spacer allowed between carburetor and intake manifold.
3. Engine must remain completely stock except for valve covers and oil pan. See Late Model Stock NASCAR rulebook for oil pan rules.
4. All crate engines must be located with the # 1 spark plug lining up to right side upper ball joint.
5. Crate motor technical specifications will be based on the 347 Series Ford Racing Tech Spec Manual.

Option 2:

1. Holley 390 Carburetor part #0-80507-1 stock out of the box bolted directly to the intake with only one, one piece, one hole paper gasket. The gasket must not be larger than the top of the intake. You may change jets, squirters, screw-in air bleeds and power valve only. Recommended that boosters be epoxied to carburetor body. Only Holley replacement parts allowed.

~~Hickory little motor~~

- ~~1. Must be standard factory production engine.~~
- ~~2. Maximum cubic inch displacement: General Motors — 350 cubic inch plus maximum 0.060 inch overbore. Ford — 351 cubic inch plus maximum 0.050 overbore. Dodge — 360 cubic inch plus maximum 0.025 overbore.~~
- ~~3. OEM crankshaft only.~~
- ~~4. Stock stroke only.~~
- ~~5. No deburring or polishing of crankshaft.~~
- ~~6. Balancing only.~~
- ~~7. Stock, standard balancer only.~~
- ~~8. 600 gram piston/pin combo minimum.~~
- ~~9. 500 gram piston~~
- ~~10. 5.7 length rod Chevrolet, 6.0 length in Ford Chrysler.~~
- ~~11. Heads must be stock standard production. Chevrolet must be straight plug. Maximum valve size intake 2.02, exhaust 1.60. Ford/Chrysler same as LMSC.~~
- ~~12. No Titanium valves or parts~~
- ~~13. Heads must be a minimum 62cc.~~
- ~~14. Intake Chevrolet Edelbrock #2101, #2116, or GM casting number 12464340.~~
- ~~15. Ford Windsor Edelbrock # M9424 C358~~
- ~~16. Hickory little motor will use an approved Carburetor Holley HP80507 1390 cfm stock out of the box with a mandatory a 1 inch Governor part # ALL-26060 with puck size 1.3 puck size part # ALL-26067. Spacer and Pucks may not be altered in any way from manufacture specs, including, but not limited to the taper, bevels, or any other modifications will not be permitted. Only changes allowed are the power valve, squirters, screw in air bleeds and jets. Recommended that boosters be epoxied to carburetor body. Only Holley replacement parts allowed or the 450 2bbl w/ NASCAR legal spacer. Rework guidelines by 2026 LMSC Rulebook~~
- ~~17. Cams may be solid or hydraulic but must have a maximum valve lift of no more than .475 measured at the valve retainer as engine was raced. No roller cams.~~
- ~~18. Roller rockers may be used. Must be 1.5 ratio.~~
- ~~19. Headers may be used. LMSC 2026 type only.~~
- ~~20. Exhaust pipes must be as LMSC 2026.~~
- ~~21. HEI or MSD ignition allowed. No magnetos.~~
- ~~22. 7 ¼" or 5 ½" clutch allowed. Steel flywheel only.~~

350/350 Crate Motor (PN# 88958602)

- ~~1. Engine must be stock out of the crate except for the following.~~
- ~~2. Valve covers may be changed.~~
- ~~3. Oil pan may be changed. Late Model Stock rules apply.~~
- ~~4. Carburetor Holley HP80507 1390 cfm stock out of the box. Only changes allowed are the power valve, squirters, screw in air bleeds and jets. Recommended that boosters be epoxied to carburetor body. Only Holley replacement parts allowed.~~
- ~~5. Spacer between the air cleaner base and the carburetor must be attached to the air cleaner and the highest part of the bottom of the air filter housing must be equal or lower to the top of the carburetor vent tubes.~~
- ~~6. 1 paper gasket only maximum thickness .065 each.~~

- 7. ~~Offset air cleaner may be used for distributor clearance.~~
- 8. ~~Stock vibration dampener only!~~
- 9. ~~Any non-approved modifications will result in confiscation of entire motor including but not limited to intake, starter, valve covers, rocker arms, springs, etc.~~
- 10. ~~Stock timing cover required.~~
- 11. ~~Crate motor technical specifications will be based on the GM Performance Parts Circle Track Crate Engine Technical Manual part# 88958668 revised 2015.~~

#### HMS Enforcer (Harrington Spec)

**HMS Enforcer engine will use only the Holley 2 barrel 500 cfm Carburetor with the approved Orange County Plate to be ran as manufactured and purchased from Hickory Motor Speedway or Orange County. Each plate will be numbered and logged.**

Refer to 2026 NASCAR Rulebook for Holley 500 cfm Carburetor rules and rework guidelines. ☐

Engine must be located with the # 1 spark plug lining up to right side upper ball joint.

HMS Enforcer engine technical specifications will be based on the HMS Enforcer Technical Manual.

Any engine items not covered in HMS Enforcer Technical manual or Hickory Motor Speedway Track rules, refer to NASCAR Late Model Stock rulebook.

#### Late Model Stock Engine

1. Refer to LMSC (2019)
2. Late Model Stock engine will use an approved Holley 2 barrel 450 cfm. Refer to 2026 NASCAR Rulebook for Holley 500 cfm Carburetor rules and rework guidelines.
3. .750" thick maximum NASCAR LMSC approved aluminum spacer allowed between carburetor and intake manifold.

**Other engine combinations except listed above may be approved. Please contact Kevin Piercy 828-217-0002 or Danny Ranger 252-377-0525 for approval. LS motors are not approved for 2026**

#### NASCAR 2026 Rulebook Track Changes

##### 20F - 2.2 Overall Car Weight

All weights are with driver before and after qualifying and the race. When cars are weighed after the race, the only additional fluids that may be added to make weight will be enough water to top off the radiator, maximum of 2 quarts of motor oil in the engine and enough racing fuel to top off fuel cell at base of filler neck at bottom of vent hose. - as specified in HMS Race Procedures

##### 20F - 10.6 REAR AXLE – Refer to LMSC 2026 with the following exception.

1. 9" Ford may be used.

##### 20F - 12.1 COIL SPRINGS / SPRING MOUNTS / JACKING BOLTS (SUSPENSION TRAVEL)

Bump Stops will be permitted. (Subject to HMS Track officials approval)

##### 20F - 12.3 Shock Absorbers SHOCKS

1. Shocks will be controlled by a **\$1,250.00** per shock claimer rule. Any competitor finishing within three (3) positions of the claimer may claim the shocks from that event. The claim must be made in writing within 20 minutes after the event accompanied by the cash. Anyone not allowing their shocks to be claimed will forfeit the purse and points for that event and may be fined.
2. Adjustable shocks allowed

#### TIRES

**1. Competitors will be required to race Hoosier F-45 Star Tires. Competitors will have the option to purchase qty -2 F-45 star sticker tires to be qualified and raced on the left side and returned for impound to be used on the right side for the next event.**

**2. No tire treatment of any kind permitted.**

**3. See general rules.**

**4. Any Limited Late Model that is not on the rotation for the 2 tire program has two options.**

**Option 1- Purchase qty-2 used F-45 star scuffs at \$50.00 each to go with the qty-2 F-45 star stickers purchased on event. All sticker tires will go on the left side for all cars.**

**Option 2- Purchase up to 4 F-45 / F-45 star stickers and run at speed a minimum Required for 50 laps, Hickory Motor Speedway management will determine acceptable times for the 50 lap run. This option will only be made available Monday-Friday. IT WILL NOT be an option on an event date. The qty-2 left side stickers will be logged in for the next event to be put on the right side.**

#### SAFETY REQUIREMENTS

1. At all times during an event (practice, qualifying, and competition), drivers should connect their helmet to a Track approved head-and-neck restraint device/system. The head-and-neck restraint device/system when connected, should be configured, maintained, and used in accordance with the manufacturer's instructions.

2. IT IS THE RESPONSIBILITY FOR THE DRIVER, NOT TRACK OFFICIALS OR THE PROMOTER, TO INSURE THAT HIS/HER DEVICE/SYSTEM IS TRACK APPROVED, CORRECTLY INSTALLED, MAINTAINED, AND PROPERLY USED.

3. The following are the currently TRACK approved Head and Neck Restraint Devices/Systems.

- HANS Device Professional Series Fixed or Sliding Tethers
- HANS Device Extra/Economy Series Fixed or Sliding Tethers
- HANS Device Sport Series Fixed or Sliding Tethers
- Hutchens Device Hybrid
- Safety Solutions Hybrid Pro Rage
- Safety Solutions Hybrid Rage
- Safety Solutions R3 Rage

4. ANY ITEMS NOT COVERED IN THE ABOVE RULES WILL BE AT OFFICIALS' DISCRETION.

\* Any driver that has won in a NASCAR Advance Auto Parts Weekly Series Late Model event will be allowed to compete in the Paramount Auto Group Limited Late Model events with the exception of our season ending Fall Brawl.\*