



2011 Mini Stock Rules

"IF THE RULES DON'T SAY YOU CAN, THEN YOU CAN'T"

REAR WHEEL DRIVE ONLY— NO FRONT WHEEL DRIVE

Weight:

1. All weight requirements will be with driver, fuel, water and oil prior to racing.
2. One pound per C.C. must be posted in upper right corner of the windshield.
3. Absolute minimum weight regardless of C.C. will be no less than 2100 lbs.
4. All weight must be painted white with the car number in black or red.
5. Any lost weight will result in a fine of no less than \$10.00 a pound.

Engine:

1. Only four cylinder engines permitted.
2. Stock or stock replacement crankshaft permitted, must retain stock weight.
3. Stock or stock appearing rod permitted.
4. Any length rod permitted.
5. Any flat top piston permitted, piston must not exceed top of the block.

Heads and Camshaft:

1. No Aluminum heads permitted.
2. No roller camshaft permitted.
3. No titanium valves permitted.
4. Adjustable timing gear permitted.
5. No porting or polishing permitted.

Intake Manifold:

1. Stock type intake manifold only.

Carburetor:

1. Stock or stock replacement only.
2. No Holley 350 cfm or 500 cfm permitted.
3. No spacer permitted.
4. Carburetor must bolt directly to the intake.
5. Only one gasket permitted between carburetor and intake. MAX .065 thick

Air intake:

1. Air cleaner housing or element must not be removed at any time during practice or the race.
2. Only dry paper element must be used at all times. The element must not be sprayed or soaked with any type of chemicals or liquids.
3. No air ducts, tubes, funnels or anything which may control air flow inside or outside the air cleaner or the housing.
4. Cowl induction will not be permitted or fresh air opening of any type will be permitted in the hood or cowl area.
5. Air cleaner housing must not exceed 14 inches (max)

Exhaust:

1. Header permitted.
2. Stock exhaust manifold permitted.
3. Exhaust must exit behind the driver.
4. No part of the exhaust system must drag the track at any time.

Flywheels and Clutch:

1. No aluminum flywheels permitted.
2. Any other flywheel and clutch assembly will be permitted.

Ignition and electric system:

1. The entire system must be stock for make and model.
2. Only one 12 volt battery permitted.
3. Battery must be securely mounted.
4. If mounted in the driver's compartment it must be covered with a marine type battery box cover.
5. Stock starter only
6. Car must start under its own power.

Cooling System:

1. Entire system must be stock for make and model.
2. Aluminum radiator permitted.
3. Water only may be used in the cooling system.
4. Any additive to water must be approved by officials.
5. Any driver found using unapproved coolants must pay \$250.00 fine before he or she will be allowed to compete again.

Transmission:

1. Stock three, four or five speed permitted
2. Stock automatic transmission and torque converter permitted

Rear Ends:

1. Must have been available from the factory.
2. Locked or positive traction rear ends permitted.
3. No cambered rear ends permitted.
4. Rear end must track the front end with one inch tolerance.

Wheels:

1. Aftermarket racing permitted. (Highly recommended)
2. Maximum eight inch wheels only.

Tires:

1. Hoosier tire must be purchased through track supplier Garrison Racing Equipment.
2. Any illegal tires and wheels in the judgment of track officials will be confiscated.
3. The feature event must be started on the same 4 tires that were used in the heat race or during time trials.
4. Damaged tires may be changed upon LNS official's approval only.

Body:

1. The body must remain stock and acceptable to officials at all times.
2. Bodies must remain steel and stock appearing at all times.
3. A aftermarket nose and tail piece will be permitted, must be securely and neatly installed.
5. All body and frame parts will have a minimum ground clearance of 4" before and after the race.
6. Convertibles, trucks or t-top cars will not be permitted.
7. No cutting or hulling except to accommodate fuel cell and roll bars permitted.
8. Bodies must be closed in rear.
9. Full windshield and back window along with quarter windows mandatory.
10. Vent windows optional, maximum 9" high.
11. All windows must be made of clear Lexan minimum of 1/8 thick.
12. Fenders and quarter panels must not be cut for tire clearance.
13. All doors, hood and trunk must securely fasten.
14. No under panning permitted.

Interior:

1. The car's interior must shield driver from the engine, ground and fuel cell area.
2. Fire wall and floor pan must remain stock and in stock location.
3. Cars may have an installed dash with optional gauges.
4. No digital gauges permitted.
5. The on-off switch must be located on the dash with access for driver and safety personal and be clearly marked ON OFF.
6. Quick release steering wheels is mandatory and have a center pad.7
7. Center top section of the steering shaft must be padded.
8. All roll bars surrounding the driver must be padded and be approved by track officials.
9. A window net must be installed in the driver's window opening.
10. The window net must be of ribbed type and made of nylon material with a minimum of 1" square opening between the ribs and fill the window opening.
11. All window nets must have a quick release mounting device and fit tight when closed.
12. Rear view mirrors permitted inside the car only.

Spoilers:

1. A Maximum 4" high spoiler will be permitted on the back of the rear deck.
2. The maximum width of the spoiler will be no wider than the rear deck.
3. Spoilers must be made of 1/8 aluminum or 1/4 Lexan.

Fuel System and fuel cell:

1. No icing or cooling of the fuel line or fuel system will be permitted.
2. Fuel line will be permitted to run through the car's interior but must be enclosed in a steel tube and clearly marked as fuel line.
3. Fuel cell mandatory
4. Maximum capacity of 16 gallons.
5. Must be vented with a maximum 1" hose out the left rear tail light.
6. Minimum ground to fuel cell clearance 9".

Fuel:

1. **All cars must use LNS track fuel only.**

Brakes:

1. Entire brake system must remain stock.
2. Clutch and brake assembly must remain in stock location.

Springs:

1. Racing springs permitted.
2. No coil over type springs permitted.
3. Weight jack bolts permitted.
4. Lowering blocks permitted.
5. Stock lower a frame for make and model only.
6. Top A frame may be altered or after market A frame used.

Shocks:

1. Racing shocks permitted.
2. Only steel cased no adjustable shocks permitted.

Sway bar:

1. Adjustable swat bar permitted.

Roll Cage:

1. Officials must approve roll cage design.
2. Round steel tubing must be used to construct the roll cage.
3. Minimum size of 1 ½ with a minimum wall thickness of .090.
4. Roll cage should be of a box type with cross support in the back and front.
5. With a minimum 9' support on the left front a post bar.
6. Left door must have a minimum of three door bars (4 Recommended)
7. Bars must have a steel plate on the outside of the door bars.

Drive Shaft:

1. Steel drive shaft only
2. Must be painted white with the car number in red or black.
3. Minimum one 360 degree loop of 1/8" steel.

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