

TRI TRACK SUPER LATE MODEL TECHNICAL RULES 2015 SEASON

Eligible Cars and Body Guidelines:

A. ABC Bodies: ARP or 5 Star

- 1. Chevrolet – Camaro, Lumina, Monte Carlo, Impala**
- 2. Buick – Regal**
- 3. Oldsmobile – Cutlass**
- 4. Ford – Thunderbird, Taurus, Fusion, Mustang**
- 5. Dodge – Intrepid, Charger**
- 6. Toyota – Camry**

Car Body Requirements:

A. Cars must be neat appearing and have complete bodies

B. Quarter Panel Heights: Left Side 35" – Right Side 36"

-maximum - measured from ground up to corner of rear truck lid and bumper. Quarter panel, where we measure, must be flat

C. Roof Height: 47" – 10" back from front windshield center of roof – minimum. Roof must retain ABC shape

D. Rear Spoiler: 60" X 6 ½" – Must be centered on rear bumper cover within 1"

E. No altering of body parts other than trimming for tire clearance

1

Weight Rules:

A. Big Motors: 2850 lbs

B. Stateline steel-headed dual plane intake manifold motor - 2800 lbs

C. Crate Motors

1. 604 GM – 2700 lbs

2. D347SR Ford – 2700 lbs

D. Left side: 58% maximum for all motors

Car Weight Post Competition:

A. When cars are weighed after competing, the left side maximum weight percent (%) must be maintained before, during, and after each race event. No Refueling Allowed

B. Wheels and tires cannot be changed

Wheelbase, Tire Width & Frame Heights:

- A. Minimum wheelbase is 101” on either side
- B. Maximum tread width (front and rear) – 67”
- C. No frame height rule

Engines:

A. No aluminum blocks except **CT525**

B. Big Motors:

- 1. NW Approved Brodix Spec Head – Any Carb
- 2. NW Approved 9 to 1 – 390 Carb
~ *Booster Bar May Be Removed*
- 3. Sealed Approved McGunegill – 750 Carb
- 4. Sealed Approved Hamner - 750 Carb
- 5. Sealed Approved Progressive -750 Carb
- 6. Sealed Approved Dorton – 750 Carb
- 7. RMCS Motor – 390 Carb, RMCS Legal
- 8. Factory sealed **CT525** 750 Carb

2

C. Crate Motors:

1. GM 604 #88958604 650 Carb

2. Ford D347SR

* #M-6007-D347SR7 650 Carb

* #M-6007-D347SR 650 Carb

* **The above-engines must be raced as produced by the Manufacturer or within the re-builder guidelines**

D. Crate Motors:

1. GM 604 - 1.5 Rockers only

2. Ford - 1.65 Rockers only

E. Seals:

1. Must have factory seals or Cope Brothers only

F. Chip Rule:

1. Not required on any motor

G. Brodix Spec Head Rules

1. Only part numbers - Brodix SP - CH/FO/MO will be allowed

2. All Spec heads will be supplied with CNC bowl blend and intake port matching

3. No grinding or blending of CNC work is allowed

4. No grinding or polishing of any kind is allowed anywhere on the castings

5. No use of any substance that may change or alter the shape or the size of ports or combustion chambers is allowed

6. A maximum valve size of 2.080 intake and 1.600 exhaust will be allowed for all Spec heads
7. Valve seats and guides are to remain as manufactured and in their cast positions
8. Valve angles are to remain as manufactured. The original seat center locations as provided by the head manufacturer may not be altered
9. No tapering or re-shaping of valve guides will be allowed
10. No titanium springs, steel only
11. Titanium valves approve
12. Cylinder heads may not be angle-milled. A minimum combustion chamber volume will be 60 cc
13. Minimum valve stem diameter is 11/32"

3

14. Spec cylinder head serial numbers must remain on the head and may not be defaced or altered
15. No welding modifications are allowed to the original head castings
16. May only be used on motors 360cid or less

H. Carb/Intake Spacer

1. One aluminum adapter (spacer) with a maximum of 1" total thickness allowed. Only 2 gaskets allowed with a maximum thickness of .050"

I. A governor or Willys may be used in place of the carb/intake spacer

Fuel System:

- A. No electric fuel pumps or forced induction of any kind is permitted except a **CT525** which can use an electric fuel pump with an oil pressure cut-off switch
- B. No icing or cooling of fuel system
- C. A fuel cell will be mandatory with 22 gallons maximum
- D. Fuel cell must have a minimum of 8" ground clearance. Fuel cell must be mounted securely behind the rear axle of the car. Fuel cell must be equipped with at least 2 protective straps completely around the cell. Cars must have a minimum of 1/8' steel plate or similar strength aluminum plate between the fuel cell and rear end. A similar plate at the rear of the fuel cell is recommended. All cars must have a safety bar at the rear of the fuel cell

Engine Location:

A. Engines with rear-mounted distributors and a **CT525** will be located so the forward-most spark plug is no more than 2" from centerline of the upper ball joint and engines with front-mounted distributors up to a 4" setback from centerline of the upper ball joints. Crate engines, Stateline steel-headed dual plane intake manifold engines, and all wet sump engines, may use a 4" setback except **CT525**.

4

B. Engines may not be offset more than 1" from centerline of car

C. Front center of crankshaft must have at least 10" of ground clearance. Crate engines, Stateline steel-headed dual plane manifold engines, and all wet sump engines, must be at least 11" except **CT525**.

Wheels & Tires:

A. Steel 10" wheels only

B. Bleeders are allowed

C. Cars must start the feature on the same tires on which they qualified. Cars running the Last Chance Race may change tires

D. Use of tire softening or altering agents will not be permitted

E. The official tire will be the **Hoosier 3035 left and 3045 right**.

You must buy the tires you qualify on and race on from the track you are racing at

F. Your qualifying and race tires must be purchased the week of the race at Friday's practice, Saturday race day, or Sunday race day, and will be impounded until 30 minutes before last practice on qualifying day or race day. If there is a qualifying race on Saturday and a feature on Sunday, those tires that you qualified on must be returned to the impound area after qualifying or the qualifying race. The Race Director will let you know

Transmission, Drive Shaft & Rear End:

A. Standard type transmissions only will be permitted. No automatics

B. A minimum of one reverse and two forward gears will be required

C. Multi-disc clutches will be permitted. No direct drive. No carbon fiber. The minimum clutch diameter is 5.5"

D. Drive shaft must be equipped with a minimum of two safety straps and must be painted white. Drive shaft must be made of aluminum or steel only

E. Camber rear end ok

5

Ignition:

**A. Battery powered ignition. Must have working starter.
Maximum 16 Volt battery. No Magnetos**

Suspension:

A. No cockpit driver adjustments other than brake bias

B. No traction control devices

C. Any kind of shock allowed – one shock per wheel

Brakes:

A. Must be equipped with four wheel hydraulic brakes

B. No carbon fiber or titanium. Steel only rotors

Exhaust Noise:

A. 100 decibels (db's) at 100 Feet

Safety:

A. Approved seatbelts and double shoulder harness will be required. No older than five years. A crotch strap will be required

B. Helmet must be 2000 Snell standard or better and have a visible sticker

C. Clean full driving suit for protection will be mandatory along with approved racing gloves

D. Driver's window must be equipped with safety net and quick release latch

E. Side plates for driver's door will be mandatory

F. All lead weights must be painted white with car number on each individual piece and all lead must be securely fastened

6

G. A main electrical cutoff switch needs to be clearly marked and easily accessible to safety crews

H. Roll cage must be constructed of 1 3/4" OD round steel tubing with a minimum wall thickness of .090". Main frame rails must be a minimum of 2"x3" rectangular steel

I. No part of any cooling system may be located in driver's compartment

J. A working fire suppression system or driver accessible fire extinguisher is required

Radios:

1. Radio communication between driver and spotter is required any time the car is on the racing surface

2. During Main Events, a spotter with driver communication is required in the specified “Spotter” section. Spotters must check in with the Spotters’ Official. If a driver does not have a spotter in the specified Spotters’ area, the car will not be allowed to compete.

3. Spotters are required to scan Tri Track Channel **469.962500 during all Main Events. The Tri Track Channel is subject to change. Check with the Tech Director.**