



2014 LSX DRAG RADIAL

1st Place - \$2000, Contingency, Jacket & Plaque
2nd Place - \$1000 & Plaque
3rd Place - \$500 Semis
Misc. - \$125 Quarters

GENERAL OVERVIEW

This is a single Power Adder Shootout class developed for LS powered, GM Bodied cars or trucks.

(Open Wheel or Roadster type Vehicles prohibited)

All races are **run to the 1/8 mile**, on a .400 Pro Tree and in a heads up format. AutoStart, Courtesy Staging.

This will be an ALL RUN qualifying format.

Vehicles are required to be stock appearing and stock bodied.

All vehicles MUST pass NHRA/IHRA safety inspection for ET and speed.

A **NHRA PRO LADDER** will determine running order.

BASE WEIGHTS

POWER ADDER	CID	WEIGHT
Nitrous	500	Unlimited
Supercharged	500	3000
Twin Turbo (76)	500	3050
Twin Turbo (88)	500	3300
Single Turbo (88)	500	3000
Single Turbo (106)	500	3100
Single Turbo (118)	500	3200

Maximum cubic inches = 510 for all combinations except Nitrous=525

If actual cubic inch is more than base cubic inch listing there will be a weight penalty of 5.0 lbs. per cubic inch assessed to weights, up to the maximum cubic inch permitted in the class

WEIGHT ADDER/DEDUCTS

Ladder bar or 4 link suspension add 100 pounds

76mmT6 or V-band Turbo housing add 100lbs.

GM/PP LSX Iron Block – deduct 50lbs from base weight.

ENGINE

Only LS based small block engines are allowed.

Cast or Billet aluminum or iron block permitted

Engine blocks may not exceed 9.750 deck height.

Billet cylinder heads prohibited

Any LS OEM or LS aftermarket head permitted

Any modifications allowed to heads

Displacement will be verified by using the P&G method

Dry sump oiling systems permitted

Exhaust must be directed away from vehicle, through the fender exhaust permitted

Mufflers are not required

Zoomie headers are prohibited

Gasoline is the only fuel permitted

OIL RETENTION DEVICE: mandatory

CARBURETOR/INDUCTION

Any style carburetor permitted including split dominators-maximum 2-carbs

Any EFI system permitted

Any Intake manifold allowed, including sheet metal/fabricated manifolds

POWER ADDERS

Only one style of power adder permitted.

NITROUS OXIDE:

Any nitrous system permitted including push systems. No maximum number of stages. The use of agents other than nitrous oxide as part of, or mixed in, the system are prohibited. Nitrous oxide may not be used in conjunction with any other power adder. Nitrous oxide systems must use gasoline only for the fuel enrichment circuit. Progressive controllers permitted. MAXIMUM OF TWO 15 LB NITROUS BOTTLES Push systems permitted.

NITROUS PUSH SYSTEMS: Push systems are permitted. Push systems may only use air as a propellant. Air cylinders must be D.O.T. approved and rated for vehicle transport. Air cylinders must be securely fastened in the vehicle in accordance with NHRA & IHRA safety regulations. All other components of the system must comply with applicable NHRA regulations. PUSH BOTTLES MAY NOT EXCEED MAX DIAMETER 5.25 INCHES X 20 INCHES LONG. ALL BOTTLES MUST HAVE CURRENT DOT CERTIFICATION, 3000 PSI MINIMUM. ALL PUSH SYSTEMS MUST CONTAIN A 5000 PSI BURST DISK FOR 3000 PSI SYSTEMS AND OR A 7500 PSI BURST DISK FOR 5000 PSI SYSTEMS. HPA (HIGH PRESSURE AIR) OR NITROGEN IS THE ONLY AGENT ALLOWED FOR PUSH SYSTEMS. FOR SYSTEMS THAT HAVE THE ON-OFF VALVE LOCATED AFTER THE PUSH BOTTLE AND BEFORE REGULATOR, THE HIGH PRESSURE BURST DISK MUST BE LOCATED BETWEEN THE PUSH BOTTLE AND THE ON-OFF VALVE. FOR SYSTEMS THAT HAVE THE ON-OFF VALVE LOCATED AFTER REGULATOR, THE BURST DISK MUST BE LOCATED BETWEEN THE PUSH BOTTLE AND THE REGULATOR, WITH THE SYSTEM ALSO CONTAINING A 3000 PSI BURST DISK BETWEEN THE REGULATOR AND THE ON-OFF VALVE.

NITROUS WATER INJECTION: Permitted on Nitrous combinations only. Water is the only substance that may be used in this system.

NITROUS BOTTLE EXTERNAL HEATING: EXTERNAL HEATING OF BOTTLES BY MEANS DEEMED TO BE DANGEROUS BY NMCA/NHRA ARE STRICTLY PROHIBITED.

SINGLE CENTRIFUGAL SUPERCHARGER:

Inlet diameter-internal OD 5.250-inch maximum, impeller inducer diameter 5.150-inch maximum, impeller exducer diameter 8.000-inch, discharge diameter-external 4.00-inch, housing diameter (greatest external diameter of housing not to include discharge) 12.0 maximum. Injection of any liquid, gas, or any other substance into the inlet or exhaust housing is strictly prohibited. Supercharger compressor wheel must be constructed of cast or billet aluminum. Exotic material wheels prohibited.

SINGLE TURBOCHARGER 118 MM:

Accepted single turbochargers are permitted with the following requirements: 1) Turbocharger must be of conventional impeller and housing design and type. 2) Turbocharger is limited to a maximum size of 4.645" (118.0mm) - inducer wheel diameter at the point where the leading edge of the compressor wheel meets the inlet housing. 3) Inlet housing is permitted a maximum inlet diameter of 4.726" where the leading edge of the compressor wheel meets the housing. 4) All air entering the turbocharger must pass through the turbocharger inlet. Injection of any liquid, gas, or any other substance into the inlet or exhaust housing is strictly prohibited. Turbocharger compressor wheel must be constructed of cast or billet aluminum. Exotic material wheels prohibited. The tips of the impeller wheel may not be stepped, cut down, or notched to meet impeller tip-to-tip dimension. Reducers prohibited.

SINGLE TURBOCHARGER 106 MM:

Accepted single turbochargers are permitted with the following requirements: 1) Turbocharger must be of conventional impeller and housing design and type. 2) Turbocharger is limited to a maximum size of 4.173" (106.0mm) - inducer wheel diameter at the point where the leading edge of the compressor wheel meets the inlet housing. 3) Inlet housing is permitted a maximum inlet diameter of 4.253" where the leading edge of the compressor wheel meets the housing. 4) All air

entering the turbocharger must pass through the turbocharger inlet. Injection of any liquid, gas, or any other substance into the inlet or exhaust housing is strictly prohibited. Turbocharger compressor wheel must be constructed of cast or billet aluminum. Exotic material wheels prohibited. The tips of the impeller wheel may not be stepped, cut down, or notched to meet impeller tip-to-tip dimension. Reducers prohibited

SINGLE TURBOCHARGER 88MM:

Accepted single turbochargers are permitted with the following requirements: 1) Turbocharger must be of conventional impeller and housing design and type. 2) Turbocharger are limited to a maximum size of 88 mm/3.465" - inducer wheel diameter at the point where the leading edge of the compressor wheel meets the inlet housing. 3) Inlet housing is permitted a maximum inlet diameter of 3.545" where the leading edge of the compressor wheel meets the housing. 4) All air entering the turbocharger must pass through the turbocharger inlet. Injection of any liquid, gas, or any other substance into the inlet or exhaust housing is strictly prohibited. Turbocharger compressor wheel must be constructed of cast or billet aluminum. Exotic material wheels prohibited. The tips of the impeller wheel may not be stepped, cut down, or notched to meet impeller tip-to-tip dimension. Reducers prohibited.

TWIN TURBOCHARGERS 76 MM:

Accepted twin turbochargers are permitted with the following requirements: 1) Turbocharger must be of conventional impeller and housing design and type. 2) Both turbochargers are limited to a maximum size 76.0mm/2.992-Inducer wheel diameter at the point where the leading edge of the compressor wheel meets the inlet housing. All air entering the turbocharger must pass through the turbocharger inlet. Inlet housing is permitted a maximum inlet diameter of 3.072" where the leading edge of the compressor wheel meets the housing. Injection of any liquid, gas, or any other substance into the inlet or exhaust housing is prohibited. Turbocharger compressor wheel must be constructed of cast or billet aluminum. The tips of the impeller wheel may not be stepped, cut down, or notched to meet impeller tip-to-tip dimension (.500-inch will define the tip of the impeller wheel). Compressor wheel and housing may not be stepped, notched, or clipped; e, g, the contours must be continuous features from the inducer to the wheel exducer. Exotic material wheels prohibited. Reducers prohibited.

TWIN TURBOCHARGERS 88MM:

Accepted twin turbochargers are permitted with the following requirements: 1) Both turbochargers must be of conventional impeller and housing design and type. 2) Turbochargers are limited to a maximum size of 88 mm/3.465" - inducer wheel diameter at the point where the leading edge of the compressor wheel meets the inlet housing. 3) Inlet housing is permitted a maximum inlet diameter of 3.545" where the leading edge of the compressor wheel meets the housing. 4) All air entering the turbocharger must pass through the turbocharger inlet. Injection of any liquid, gas, or any other substance into the inlet or exhaust housing is strictly prohibited. Turbocharger compressor wheel must be constructed of cast or billet aluminum. Exotic material wheels prohibited. The tips of the impeller wheel may not be stepped, cut down, or notched to meet impeller tip-to-tip dimension. Reducers prohibited.

TRANSMISSION

Limited to only OEM style automatic transmissions (aftermarket SFI cases permitted)
Any torque converter allowed. Lock-up type permitted.

SUSPENSION

Stock frame rails required in front sub frame. Stock rear sub frames are required, but outer frame rail portion only may be notched for tire clearance only. When notching, stock inboard section of rear frame rails must remain stock, unaltered, and in stock location. Rear frame rails must remain in OEM stock condition in all areas.

Aftermarket K-members permitted

Fully tubbed or mini tubbed wheel wells permitted

ladder bars and non-OEM 4-links permitted

Coilovers permitted
Front-wheel drive conversions prohibited
Wheelie bars are permitted

INTERIOR

Must be stock appearing.
Floors must be upholstered, headliners required
Passenger seat and rear seat may be removed
OEM appearing dash required

BODY

Forward facing hood scoops prohibited except for OEM type for non-nitrous applications
Forward facing hood scoops permitted for nitrous applications
Cowl induction hoods permitted,
Light-weight or fiberglass body pieces limited to hood, doors, trunk\hatch, and bumpers
Overhangs must be OEM, Wheelbase must be OEM +/- 1"
Replacement fiberglass\carbon panels must maintain OEM appearance and function
Rear spoilers permitted, max length 26", may not be molded into the body

WINDSHIELD/WINDOWS

OEM safety glass or Lexan Permitted. Window tint is prohibited forward of the "B" pillar.

STREET EQUIPMENT

Headlights, taillights and brake lights required. Headlights, brake lights, etc. must be on car and not removed for any reason.

ELECTRICAL

Electronic driving aids prohibited
Throttle stops, delay boxes and auto shifters prohibited
Two-step, trans-brakes and line-locks are permitted
Any aftermarket ignition permitted

TIRES-WHEELS

TIRES - FRONT: Front tires must have a minimum tread width of 4.5 inches.
TIRES – REAR: DOT Drag Radial Tires ONLY
The maximum allowed tire size is 315 as marked on the sidewall
ANY size wheel permitted
Bead-locks permitted
30 x 10.5W Slicks permitted on Nitrous combinations only.

BALLAST

Must be NHRA/IHRA approved mounting - Maximum 100# per individual weight bar
No loose or unsecured ballast allowed and will be grounds for disqualification. Vehicles are required to cross scales after each qualifying run and eliminations rounds.

CLASS SPONSOR DEACAL- Chevrolet Performance decal must be installed on lower right side of front windshield.

CONTINGENCY DECALS:

Decals are required to appear only on the rear quarter windows or rear window in a clear and orderly fashion. Contingency decals may not be overlapped or modified