



5.50 HEADS-UP INDEX

GENERAL OVERVIEW

This class has been developed to accommodate the serious LS or LT (Current Generation) enthusiast that may not have a class specific build. The performances we will see in this class will be exacting to watch and compete. The class will be full of entries at different power levels but everyone will still have the same ET limit to adjust to. All entries must be LS or LT (Current Generation) powered and be able to pass NHRA tech for ET and Speed.

CLASS DESIGNATION = 5.50

QUALIFYING INFORMATION, LADDER TYPE and TREE

All Run, 1/8 mile, .400 Pro Tree, Heads Up Start, 5.50 Index, Break-out rule applies, Auto Start.

Class will qualify on elapsed time closest to 5.50 index recorded in the qualifying sessions. The Number One Qualifier will have the first round potential by. Any run in qualifying that exceeds 5.50 seconds will be placed on the bottom of the ladder.

NHRA Pro ladder. If 32 or less car count, class will be laddered first round, paired according to qualifying positions, and then advance to eliminations.

If car count is 33+, first round will be random pair with the number one qualifier receiving the potential bye, then laddered for second round off of first round winners positive reaction times.

For any pair of entries that exceed 5.50 et during eliminations, the closest to 5.50 will be declared the winner as long as both entries leave the starting line with green lights.

Lane choice will be determined by gentleman's agreement or coin flips for all elimination rounds.

REQUIREMENTS & SPECIFICATIONS

ENGINE

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Must be powered by a GM LS or LT (Current Generation) power plant. Any internal modifications are permitted

FUEL

All fuels permitted. Nitro or Polypropylene prohibited.

OIL RETENTION DEVICE:

Diapers Required on 9.99 ET (6.39 = 1/8 mile) and Faster Entries.

POWER ADDERS

Any power adder or combination of multiple power adders permitted. Meth injection permitted.

FRAME

BALLAST:

Only 100 lbs. of removable ballast permitted including Weight Box. Must be LS Fest/NHRA accepted type and installed meeting LS Fest/ NHRA Requirements. Loose or Disguised Ballast will result in Disqualification from the Event, regardless of whether the infraction occurs during time trials, qualifying or eliminations. **Laptops in car, are prohibited during eliminations.**

CHASSIS

All vehicles must have a chassis that meets the guidelines set by SFI for their respective speed and elapsed time. All vehicles must have a chassis that meets the guidelines set by SFI for their respective speed and elapsed time. A valid NHRA serialized Chassis sticker is mandatory for any car running 9.99 (6.39 = 1/8 mile) or quicker, or 135 mph or faster at a NHRA member track.

BODY

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Any domestic or foreign body permitted. Hood required. Lightweight components are limited to hood, front fenders, doors, deck lid, hatches, sunroofs/t-tops/targa tops, wings, ground effects, and bumpers only. Quarter panels must remain as originally manufactured.

ELECTRICAL

BRACKET RACING AIDES:

Delay boxes, cross-over boxes, or any "reaction-time related" electronic bracket racing aids prohibited in this class. All Electronic Throttle Stops and related throttle-stop type accessories prohibited. Electronically Controlled Pneumatic, electric, hydraulic, etc. shifters permitted. All Trans brake buttons must be on the approved NHRA list.

ELECTRONICS

Two-steps, data loggers, aftermarket ECU's, and engine management systems are permitted. Throttle Stop prohibited. Delay Box prohibited.

SUPPORT GROUP

APPEARANCE

All cars in competition must be painted or wrapped. Advertising graphics are permitted on the body.

- LS Fest Windshield Banner: Decal needs to be located on the top of the windshield or just above the windshield located on the body.
- Class Sponsor: Decal must be located on the passenger's side lower portion of the windshield.
- Class & Competition Numbers: Numbers must be easily visible/legible and located on the

front, back, and both side windows.

DRIVER

CREDENTIALS:

A valid state or government issued driver's license beyond a learner/s permit level mandatory for cars running 10.00 or slower.

A valid NHRA competition license is mandatory for cars running 9.99 or quicker, at an NHRA Member Track.

DRIVER

The driver when in the vehicle, from the ready line until the vehicle is safely stopped on the return road, is required to have all safety restraint systems (including the helmet) on and be securely fastened in the vehicle at all times

PROTECTIVE EQUIPMENT

A head and neck restraint device/system meeting SFI 38.1 is mandatory for any vehicle running 150 mph or faster for 1/4 or 1/8 mile or running 7.49 (*4.49) E.T. or quicker or by Class Requirements. An SFI 38.1 head and neck restraint device can be used with, or without, a neck collar; when a neck collar is not used, an SFI 3.3 head sock or SFI Spec 3.3 skirted helmet is required.

Note: It is ultimately the competitor's responsibility to familiarize themselves with the LS FEST class requirements as well as ***all NHRA safety requirements***. The competitor agrees they bear the ultimate responsibility when it comes to safety and how it complies with the LS FEST and NHRA rule books. The competitor also agrees that no one else other than the competitor is in the best position to know about how their particular race car has been constructed and how to safely operate it.