

2009 Action Racing Photos Hot Rod Series Rules

General

This class is reserved for full bodied entries running on a 10.900 quarter mile standard and a 7.000 eighth mile standard.

Pro Start five tenths tree. Qualifying order will be based on the best package. The package will be calculated based on total performance of being closest to a perfect light without going red and closest to set index without going quicker during qualifying. Qualifying position determines lane choice throughout the race. All Run field. Sportsman ladder will be in effect. Bye runs will be based on the ladder.



Canceled races will not be made up at anytime.

Track officials have the right to cancel the race due to weather or curfew. Payouts will be determined by the purse for that day being divided by the number of cars left in the race after the previous round. As soon as the winnings are paid out the race is over.

Refunds: All vehicles are considered race ready upon entering New England Dragway. If a vehicle breaks once it has crossed the top of staging, no refunds will be issued. This provision includes all race days and is not limited to structured eliminators or points days. No refunds are authorized for any individual who is removed from New England Dragway, Inc., property for a rules infraction.

(From NED Racer Handbook)

Substitute Entries: If a vehicle breaks during qualifying, including after its second time trial or qualifying run, but before the first round of eliminations, a substitute vehicle may be entered into the race. The vehicle must meet all class and safety regulations, as well as pass a tech inspection. A separate entry fee must be paid for the vehicle. If the vehicle breaks after the second round of time trials or qualifying another time trial or qualifying pass will not be granted. Substitutions may be made only during qualifying. No substitutions are allowed after the first or subsequent rounds of competition. The substitute vehicle will have "SUB" written on the front window. Drivers entering a substitute entry will race for purse only and will not gain points except as follows. If the vehicle breaks after the tech card is turned in, but before a time trial or qualifying run is made, a substitute entry may be utilized without purchasing another tech card or paying an additional entry fee and the driver may accumulate points.

No driver may operate two vehicles in the same eliminator. Two drivers may not operate one vehicle in the same eliminator. Two drivers may operate one vehicle in separate eliminators.

No driver may utilize a substitute vehicle until he or she has proven to track officials that they

are thoroughly familiar with the vehicle.
(From NED Racer Handbook)

Neck Collar Required for all racers

Tow vehicles prohibited.

Deep staging is prohibited, and both cars must pre-stage before final staging.

Timed ignition interruption devices (stutter boxes) prohibited. Throttle stops are permitted.

Any vehicle running faster than 135 mph must meet the minimum safety and protective clothing requirements for Super Rod entries.

DESIGNATION: HR followed by car number.

Perfect Package (.000-10.900) Bonus is \$50.00 per race. This will go into a pool and stay there until the perfect package has been met. If no one hits the package the money (\$600 - assuming there are no rainouts) will be split between points positions 1-5.

Tech Cards & Entry MUST be turned in prior to the first time trial or your runs will not count towards qualifying.

How points are earned

~~• Points members receive 10 points for staging first round and 10 points for each round win thereafter.~~

~~• On a bye, you must stage under power and register a reaction time.~~

~~• Bonus Points:~~

~~Winner 3~~

~~Runner Up 2~~

~~Semis 1~~

Revised Wording 06/03/09

- Points members earn 10 points for staging in the first round of eliminations. (Must register a reaction time or DEEP)
- The winners of the first round will receive 10 points.
- Winners of subsequent rounds will receive 10 additional points.
- On a bye you must stage under power and register a reaction time or DEEP
- Semi-final losers will receive one (1) extra point.
- Runners-up will receive two (2) extra points.
- Winner will receive three (3) extra points.

In the event an eliminator is rained out, points will be awarded according to the results of the last completed round.

- Qualifying Bonus Points

#1 - 8

#2 - 7

#3 - 6

#4 - 5

#5 - 4

#6 - 3

#7 - 2

#8 - 1

Requirements & Specifications

BODY: Must be full-bodied. Dragsters and Funny Cars are prohibited. Hood, deck, fenders and doors may be substituted with fiberglass units. Convertibles may run without windshield. Left hand steer roadsters permitted.

BUMPERS: Optional.

FENDERS: Exact duplicates of stock fenders in fiberglass permitted. Rear fenders may be trimmed for tire clearance. Altered fenders must have the edge re-rolled or beaded. Front inner fender panels not required.

FIREWALL: Required. See General Regulations.

FLOOR: Required. See General Regulations.

GRILLE: Required. May be painted replica.

HOOD: Mandatory. Hood scoop height maximum is 13”.

WINDOWS: Cars must maintain all OEM window locations. All windshields and windows must be clear or factory tinted.

Chassis

MINIMUM WEIGHT: None

BALLAST: See General Regulations.

BATTERY: See General Regulations.

BRAKES: Four wheel hydraulic brakes required. Aftermarket systems permitted provided a dual master cylinder is used.

DRIVER: Must remain in Stock location (left side) Valid IHRA Competition license required.

FRAME: IHRA certification mandatory on any vehicle that exceeds 150 mph 1/4 mile.

FUEL SYSTEM: No part of the fuel system may be mounted on firewall. Aftermarket tank or fuel cell permitted. If mounted in trunk, it must be vented to the outside of the body and equipped with a flash shield between trunk and driver compartment.

GROUND CLEARANCE: Minimum 3" required from the front of the car to 12" behind front axle centerline.

SEATS: Only one is required. Aftermarket type accepted. See General Regulations.

STEERING: Minimum diameter of steering wheel is 11". See General Regulations.

SUSPENSION: Must have automotive type front suspension with one shock absorber for each sprung wheel.

TRACTION BARS: May not extend through floor. Length of bars may not extend more than 1/2 of car's wheel base.

WHEELBASE: May be altered. Minimum 90". Maximum 125". 2" left to right variation permitted.

WHEEL & TIRES: Must be automotive type wheel suitable for street use. No wire wheels. Any tire-wheel combination that will fit under original body contour may be used.

Engines

CARBURETION/INDUCTION: Any type or number of carburetors permitted. Electronic fuel injection permitted. Superchargers permitted with 14.1 restraint.

COOLING SYSTEM: All cars must have a complete (fan, water pump, radiator) cooling system. Electric fans and pumps permitted.

ENGINE: Any internal combustion engine allowed.

EXHAUST SYSTEM: Competition type exhaust systems permitted. **Mufflers Required.** Exhaust gases must be directed out of the car body, rearward, away from driver and fuel system.

FUEL PUMP: Electric fuel pump permitted. Ignition switch must act as fuel pump shutoff.

FUEL: Gasoline, alcohol/methanol or propane permitted.

HARMONIC BALANCER: SFI 18.1 mandatory.

LIQUID OVERFLOW: 1 Pint minimum capacity mandatory.

NITROUS OXIDE: Permitted.

STARTER: All cars must be self starting with on board starter and battery.

Driveline

CLUTCH: SFI 1-1 minimum required.

DRIVESHAFT LOOP: Required, must be within 6" of front universal joint, and must circle entire driveshaft. See General Regulations.

FLEXPLATE: SFI 29.1 Mandatory.

FLYWHEEL/FLEXPLATE SHIELD: SFI 30.1 mandatory if OEM floor or firewall has been removed. All entries with manual transmissions must use a bellhousing meeting SFI 6.1 minimum.

REAR AXLE: Any rear axle or factory third-member permitted. No locked rear ends allowed. Narrowed rears must leave tire within 3" of wheel well outer lip. Spools permitted. Aftermarket axles required.

TRANSMISSION SHIELD: Automatic transmissions meeting SFI spec 4.1 required. Positive reverse lockout required. All automatics must be equipped with a neutral safety switch.

Safety Equipment

DRIVER RESTRAINT SYSTEM: Must meet SFI 16.1 within 2 year expiration from date of manufacture.

HELMET: SN-95 or newer or SFI 31.1A, 31.2A, 41.1A or 41.2A mandatory. See General Regulations.

MASTER CUTOFF: If battery is relocated, a master electric cut off switch must be installed on rear of vehicle and marked “on-off”, or push-off.

ROLL CAGE: Mandatory if entry has an altered floor or firewall or if vehicle runs 135 mph or faster. If stock floor and firewall are present, a 6-point roll bar is acceptable. See General Regulations.

PROTECTIVE CLOTHING: If the entry does not have the OEM floor and firewall, A minimum of a 3.2A/5 jacket and pants are mandatory. A jacket meeting a minimum of SFI 3.2A/1 mandatory on all other entries. Neck collar meeting SFI Spec. 3.3 mandatory. All competitors are required to wear long pants. Nylon pants prohibited.

WINDOW NET: Mandatory meeting SFI spec 27.1, if rules mandate roll cage. See General Regulations.

MISCELLANEOUS

ELECTRICAL: Starting line two step accepted. Down track throttle stops permitted. Electronic ignition interrupters or stutter boxes, prohibited. See General Regulations: Data Recorders/Electronic Devices for additional information.

DELAY BOX: Accepted. See General Regulations for specific information.

IGNITION: Aftermarket electronic ignition boxes may not be modified from factory specifications.

TAILLIGHT: One 2” working tail light mounted above the rear tires mandatory.

THROTTLE: See General Regulations.