



## 2018 STAR / HUDSON SPEEDWAY ROADRUNNER RULES

The objective of this class is to promote "stock car" racing as an affordable sport, encouraging racers to have fun and not just spend more money in their efforts to build a winning race car. Roadrunner cars must be STOCK 4 CYLINDER cars off the street with modifications for safety and NO made for racing parts. The intent of the rules is to keep the cost of purchasing and preparing a competitive Roadrunner car as low as possible. The Roadrunner class is intended to provide a low cost and safe "learning experience" and a lot of fun for the beginning driver. There are a lot of opportunities to spend more money building a race car than is required to build a Roadrunner car. If you want to spend a lot of money, or build a "race" race car, DO NOT build a Roadrunner car. Efforts to "bend" or take advantage of any "loopholes" in these rules will not be tolerated. It is impossible for these rules to provide for every situation that might occur; therefore, management is given discretion, following the intent of this class, to use their judgment concerning any changes in these rules at any time should it be deemed necessary to insure more equal competition. Management reserves the right to impose weight penalties as deemed necessary to any car or cars that seem to dominate the field and hurt Competition (See #11 below).

- 1. NO mirrors and NO radios allowed.** A Receiver for one way communication with race control is mandatory, discount receivers are available from Race Parts NH @ 603-659-2442. . Transponders mandatory starting in 2018 and are available for discount price thru Star. Any AMB2 transponder will work with Star's scoring system, serial # must be provided. Transponders mounted so center of transponder will be 6" back from center of axle on outside frame rail, open to track, max 12" from track surface.
- 2. Any production passenger car with maximum wheelbase of 100.4 inches.** No convertibles permitted. NO Mazda RX-7 allowed. No mid-engine or rear engine models.
- 3. Doors must be neatly welded shut.** Minimum ground clearance is 5 inches.
- 4. Cars must use completely stock OEM engine and drivetrain as came in that model car, only direct swap as OEM is allowed.** No V-4 or air cooled engines permitted. NO turbochargers allowed. Maximum 2 valves per cylinder only; maximum 2.5 liter displacement; stock carburetor or stock fuel injection required; Single stock 350 CFM Holley 2 bbl carb with maximum 1.00 inch thick straight bore adapter plate is allowed. Ford products 2200cc & over - Maximum cam lift at valve is .480.
- 5. The following 16 valve cars will be allowed.** All must meet 100.4 maximum factory wheelbase rule. NO inter changing engines. Base right side weight minimum is 1100 pounds.  
Chrysler Corp. – Shadow, Daytona, Spirit; Honda – CRX, Civic; Ford – Escort; Toyota; Nissan - Sentra, Stanza, 240 SX, VW – Golf, Scirocco **NO** Porsche, Mazda, BMW, Lexus, Hyundai
- 6. Must use stock OEM fuel injection system. NO high performance chips or computer tuning is allowed. Swaps may be done by track officials at anytime. Failure to agree to swap will result in disqualification and a 150 point deduction penalty.**
- 7. All cars must use completely stock suspension for that make, year and model. "CAMBER RULE" has been dropped.**
- 8. Only tires permitted Star / Hudson American Racer 705 compound track tire or D.O.T. approved standard, passenger car radial tires.** Minimum tread wear number must be at least 200. MUST BE MINIMUM 60 SERIES. Maximum width is 195 series. All four tires must be same size and series. NO "retreaded" or "recapped" tires allowed. NO tire softener allowed.  
Wheels must be steel, maximum 7" wide and bolt to stock hubs. Minimum back space is 4 (four) inches. All four wheels must be same size and offset. No spacers or adapter plates allowed. Questionable tires will be subject to confiscation by track official.
- 9. Four posted roll cage is required with four door bars and adequate cross bracing (Min. 1.75 Dia. X .095 wall tubing).** All rub rails must be flush mounted to body panels with no sharp ends or edges. One rail per side same height as axle.
- 10. All glass except the windshield must be removed. Full windshield or Lexan is required. Only side windows allowed are rear quarter windows. No rear windows.**
- 11. Rear spoilers and lower body side skirting are allowed. Rear spoiler must be clear and no more than 5" in height.**
- 11. All cars must weigh a minimum of 1100 right side weight and cars with driver strapped in, immediately after feature, NO allowances.** An additional 50 lbs right side weight will be required after 2(two) feature wins. Each additional win after 2 will require an additional 30 pounds right side weight. All penalty weight will be enforced for total number of wins when racing at / and / or Star or Hudson Speedway. **Additional penalty weight may be added to ensure equal competition.**
- 12. Approved exhaust system and muffler is required. Must meet tech inspector's approval or car will not be allowed to race.** Moroso #94050 or #94051 are recommended.
- 13. No drivers from other higher divisions will be allowed to compete. Star and Hudson Enduro series drivers are permitted and will retain their enduro eligibility. Prior Roadrunner champions will begin season with an additional 100 lbs rightside weight. (see #11)**

**Trophies To Top Three Feature Finishers. Qualifying Heats Are Points Only.**

## **SAFETY**

1. All cars must have four wheel hydraulic brakes in good working order. Brake rotors must be ferrous alloy only.
2. Full 4-post cage is required. Any bar passing through front or rear firewall must not extend past center of rear end housing at rear or back of upper control arm at front and be no higher than 20 inches from bottom of cage. Radiator may be attached to a fabricated frame work. On uni-body cars, plates or other approved method must be used to attach roll cage to uni-body. Roll cage must be minimum 1.75" diameter, .095" wall steel tubing; four posted cage with four bars in driver's door and three bars opposite. All joints must be gusseted. All roll bars within driver's reach must be padded with approved padding
3. Center of steering wheel must be padded. All bars within driver's reach must be padded.
4. A firewall of steel, not less than 22 gauge, must be installed between the driver's compartment and fuel cell area. Full steel floor is required within driver's compartment. No unnecessary holes permitted.
5. A metal chain or strap is required under the forward 1/3 of driveshaft. Driveshaft must be painted white.
6. Battery must be completely enclosed in an approved safety box. Battery must be located outside driver's compartment.
7. Approved racing seat and **five** point harness properly mounted to roll cage is required. All belts must be in good condition and dated no older than 3 years old, date stamp must be visible.
8. An approved window net, properly installed in the left front window opening, with quick release mounting, is recommended.
9. All cars must have an ignition kill switch and fire extinguisher located within reach of the driver when strapped in.
10. **Approved driving suits and racing helmet are required. Helmet must be no less than SNELL 2010. Racing gloves and shoes recommended.**
11. All cars must have a hook or means of quickly lifting the car from either the front or rear.

## **APPEARANCE**

1. All cars must be neatly painted and lettered. Major body damage and paint work must be repaired by next race meet.
2. Numbers will be assigned by track officials; no letters or 3 digit numbers; track may re-assign numbers to avoid duplication.
3. Number must be painted minimum of 4" in upper left corner of windshield and on rear of car. Minimum 16" high on both sides and on roof.

## **POST SEASON AWARDS**

1. In order to qualify for post season awards, driver must compete in 75% of events run and be present at banquet for awards presentation.

## **DRUG POLICY**

Alcoholic beverages & illegal drugs or substances are prohibited from Star Speedway property or in any area, including parking lots, that is to be considered to be publicly used for operation of speedway facilities. By definition illegal drugs are such as covered by state and federal law.

Any participant, driver, car owner, mechanic, crew member, sponsor, track official or spectator at Star Speedway or at any affiliated event sanctioned by Action Racing North East, found to be in possession or under the influence of any illegal, non-prescribed drug will be suspended from competition and evicted from the premises.

All participants in all divisions of competition are considered to be a public figure and by choice have become involved with auto racing and events at Star Speedway fully understanding that he or she must abide by the rules and regulations of its owners and management. Any Participant therefore is responsible for his or her personal conduct involving drugs or alcohol.

Non-prescribed drugs are considered to be those not authorized by a state licensed pharmacist. Any prescribed drug being used by a participant must be reported to the chief steward prior to any competition or pit area related activity by that person

Any person that is formally charged by a court of law for an illegal drug violation, shall be indefinitely suspended from any and all forms of competition at Star Speedway or its affiliated events until such time as the charges are full adjudicated by the judicial process. Any participant convicted of a drug charge in a court of law will no longer be allowed to compete in any event at Star Speedway, or any affiliated event, for a minimum period of one year from the date of conviction.

Any participant suspended for illegal drug reasons, as specified in the rules of this policy, will be granted an appeal within 14 days of the suspension only if the suspended participant files a request in writing with speedway officials or owners. Should this procedure be exercised, a hearing will be scheduled to review all matters concerning such suspension.

A participant suspended for illegal drug reasons as specified in this policy, may apply for re-admission to competition after serving such suspension, and if it is mutually agreed that the participant, at his or her own expense, will produce documentation by a licensed physician with the state of New Hampshire that he or she is drug free during random examinations and urinalysis tests upon the request of speedway management.

## **ACCIDENTS OR INJURIES**

**IMPORTANT** - Any person injured on Star Speedway property must report claim immediately to race director or chief steward to assure that proper paperwork for insurance coverage can be filed.

## **NO CLAIMS WILL BE CONSIDERED UNLESS REPORTED PRIOR TO LEAVING SPEEDWAY ON DAY OF CLAIM**

1. Any driver competing at Star Speedway in the Strictly Stocks must hold a current Star membership.
2. Interpretation of these rules is solely at the discretion of Star Speedway officials. Star Speedway reserves the right to make changes, additions or deletions to these rules and specs without prior notice.
3. Liquor or drugs on Star Speedway property, fighting or harassment of a track official by any car owner, driver or crew member will be basis for suspension of car and or crew as track officials deem necessary.

## **DISCLAIMER**

Any person entering the sport of auto racing must acknowledge that it is a dangerous enterprise and no responsibility is assumed by Action Racing North East Inc., Star Speedway, their officials, or affiliates for any loss or injury sustained as a result of or in spite of following the foregoing rules and specifications. All participants agree to abide by all rules of Action Racing North East Inc., and Star Speedway.