



# 2015 Roadrunner Rules

## OVERALL

- A. **Wheelbase** – Any American-made, standard full frame sedan is eligible with wheelbase of 112" or more. This is measured from center of front wheel to center of rear wheel as factory manufactured.
- B. **Model** – No unibody cars. No Camaros, Chevelles, Vans, Trucks, Firebirds, or Convertibles. No Monte Carlo frames older than 1978 Cars must be strictly factory. No lowering, chopping, channeling, shortening. No T-Tops Sunroofs.

## CAR AND BODY

- A. **Outer Body** – Steel bodies are required. Roof must be stock. Other body parts may be fabricated but must be close to original, but is subject to technical approval.
- B. **Inner Areas** – The stock steel unaltered floor pan must be retained. No lightening of these components. No sharp protruding objects. A complete firewall must seal the trunk area from the driver's compartment. Rear seat back may serve as the firewall.
- C. **Doors** – Must be welded, bolted or chained.
- D. **Bumpers** – Can have stock complete bumpers. Bumpers can also be made from 2"x2" tubing, but not be wider than the frame horns with no sharp edges. Frame horns may not be moved. Bumpers must be chained front and back on each side. No big COW CATCHER type bumpers.
- E. **Hood/Trunk Lid** – All hoods and trunk lids are to be pinned, no chains allowed. No additional holes are permitted except for where pins are protruding. No lightening of these components.
- F. **Frame** – Complete front-to-back stock frame must be kept intact. Any major repairs must return as close as possible to exact factory measurements. Body and frame components must be matching.

## DRIVER COMPARTMENT

- A. **Window Net** – All Roadrunners are required to have and utilize a full size window safety net. The net must cover the entire vertical opening and be at least 20 inches long. These nets are to be properly installed with quick release mechanisms. These need to be easily accessible by the driver and track officials with the driver remaining seated.
- B. **Seat Area** – Cars must have a padded racing type seat with frame mounted to the roll cage as detailed in the 2015 World Figure 8 Car rules. Use of an approved, racing-type, seat belt, shoulder harness and crotch strap combination is required. All belts must be new or no more than three years old. The belts must be a minimum of three inches wide, (except for the crotch strap which is a minimum of 2" wide), adjustable, unfrayed, undamaged, and connect in a single quick release buckle. The belts must be mounted to make their length as short as possible. The seat belts should not pass over the sides of the seat but should pass through the seat at the bottom of each side. The seat belt must be mounted so it passes around the pelvic area at a point below the anterior superior iliac spines. Under no condition may the seat belts be worn over the area of the intestines and abdomen.
- C. **Roll Cage** – A 4-point roll cage or full roll cage is required. The 4-point roll cage will have no tubing to extend through firewalls (front or rear) all bars must be mounted on the flat part of the frame not on the arches. With the 4-point three bars on driver's side are optional with the door gutted. With the full roll cage you must have three bars minimum in driver's side and two bars minimum on passenger side. Doors may be gutted for clearance. You may add a bar from center door to parallel part of frame for foot protection. Through bars are optional.

## WINDSHIELD AND GLASS

- A. **Cleanout** – All debris, glass, headlights, taillights, mirrors, etc. must be completely removed except for the windshield.
- B. **Front Window** – A full factory glass windshield or Lexan is required. The Lexan windshield must have a minimum of three .5" diameter upright bars spaced no more than 17" a part. Cracked windshield can be taped temporarily and must be replaced when vision is impaired.

## DRIVETRAIN

- A. **Engine** – Must be factory for that make and model. No swapping allowed. It must remain in the original stock rubber mounts and stock location. No aftermarket racing parts. No machining, grinding, or any performance upgrading of any kind is permitted. Spark plug #2 on the left side must be in line with the shock stem.
- B. **Block** – The engine block must be exactly as produced by original manufacturer.
- C. **Oil Pan** – A stock factory oil pan is required with no additions or alterations.
- D. **Cylinder Heads** – Must be stock heads only. No aftermarket, "Bowtie" or aluminum heads.
- E. **Intake Manifold** – Must be stock for that make and model. Cast iron manifolds only.
- F. **Exhaust** – Cast iron stock with no modifications as provided on engine. No center dump styles allowed. Exhaust must terminate behind driver and within 18" of rear end housing. Maximum of 2" pipe. All cars must have unaltered factory type mufflers that meet track specs for noise abatement issues. No gutting of the interior of the exhaust is permitted.
- G. **Carburetor** – Carburetors can be a stock O.E.M. street applicable 2-barrel or 4-barrel
- H. **Air Intakes** – A stock air cleaner with a maximum 4" dry paper element is required. It must be in place when the car is on the racing surface. Failure to have air cleaner can cause a disqualification.
- I. **Fuel System** – Stock components only as produced by O.E.M. are required.
- J. **Fuel Tank** – A stock gas tank or securely mounted approved fuel cell is permitted. Fuel cells to be mounted in the trunk area. Mounting of a fuel cell should be done in a manner that the fuel cell is as far forward as possible. Tank must be filled from inside the trunk area where as no outside holes are present. No electric fuel pumps allowed. No fuel lines allowed in the driver compartment. All installations must be approved.
- K. **Electrical/Battery** – No dual point distributors. Stock coil in the stock location. Stock distributor only. Batteries must be strapped and covered. The battery must be securely mounted under the hood or may be mounted in a safe location inside the car in a covered spark proof box.
- L. **Cooling System** – Stock radiator only in the stock location. No aluminum or plastic

replacement radiators. No electric fans. A 1-gallon overflow catch-can must be installed. No extra transmission or engine coolers are permitted. NO ANTIFREEZE ALLOWED.

- M. **Transmission** – The stock automatic transmission is required with at least 3 operating forward gears. Shifter must be in the stock location. No use of rubber lines are allowed in the transmission cooling system.
- N. **Differential** – Must use an unaltered stock rear end. No posi-traction, limited slip, or welded rear ends. Car must remain rear wheel drive.

## WHEEL AREA

- A. **Brakes** – No deviation from stock is allowed. Brake pedal must remain in stock location and mountings with no extensions. Cars must have functional brakes on all 4 wheels. Rear drum brakes only. No brake bias or braking assisting devices are permitted.
- B. **Suspension** – No modifying of the factory suspension is allowed. Suspension parts must remain absolutely stock and unaltered for that make and model car. No spacers, lumber, chains, etc. can be used to alter stock suspension of car. All four corners of frame must measure within once inch of level. No new or replacement equipment allowed unless approved. No rear sway bars, spring jacks, blocked shocks or reverse shackles permitted. No coil over, overload, cargo ratchet, or air-assisted shocks allowed. Springs must be of passenger car origin.
- C. **Tires** – Any 15" or 16" D.O.T. 60, 70, 75 series radial tire may be used on a maximum of an 8" wide steel wheel. Made for racing steel wheels can be used. Tires must have standard road tread design and must have visible regular tread grooves. Tires must be of similar size on all 4 corners. NO low profile-type tires. NO racing tires. No snow tires. NO tire shaving/buffing. NO recapped/retreaded tires. NO tire softening chemicals and/or paraphernalia are allowed on the Speedrome grounds at any time. Violators are subject to penalty. Tires subject to inspection and may be disallowed.

