

Basic NHRA Safety Rules

ROLLING THUNDER DRAG STRIP 1/8 Mile

The following list should answer a few of the more common questions concerning what is required to race at Rolling Thunder Drag Strip. It is presented as general information only and you should always refer to the **Current "Official NHRA Rule Book"** or your local track before heading out to race.

Liscense

Virtually anyone can compete. in drag racing. Drivers 18 years of age and over are required to have Valid State Drivers Liscense and must be capable of the safe operation of their vehicle. Drivers 16 and 17 years of age must have a valid waver signed by both parents to participate as a driver or passenger. Vehicles running a 6.40 E.T. (Elapsed Time) and quicker require an NHRA Compition Liscense.

Auto Trans Reverse Lockout

Any non-OME automatic floor-mounted transmission shifter must be equipped with a spring-loaded positive reverse lockout device to prevent the shifter from accidentally being put in reverse gear.

Roll Bars

Unless otherwise required by your class:

Roll Bars required on convertibles running quicker than 7.00 - 8.59. Roll Bars required on all cars (including T-tops) running quicker than 7.00 - 7.49.

Roll Cages

Roll Cages required on convertibles running 6.99 or faster than 135mph. Roll Cages required on all cars running 6.99 or faster than 135mph. - One exception: full-bodied cars running between 6.40 and 6.99, with unaltered firewalls, floor and body (from firewall rearward - wheel tubes permitted) can compete with just a roll bar.

Faster than a 6.39 you need a chassis sticker and have the car reinspected every 3 years.

Helmets

Drivers of all 8.59 or quicker cars, including all motorcycles, must wear a helmet meeting Snell 90 or Newer, or SFI 31.1,31.2 specs. Snell K-98 is acceptable in place of any Snell M-rated helmet.

Nitrous Oxide

The use of any agents other than NOS as part of, or mixed with, this pressurized fuel system is strictly prohibited. All bottles must be securely mounted, stamped with minimum DOT 1800 pound rating, and identified as nitrous oxide. Nitrous oxide bottle(s) located in the driver compartment must be equipped with a relief valve and vented outside the compartment. System must be commercially available, and installed as per manufacture's recommendations. Commercially available thermostatically controlled blanket -type warmer accepted. Any other external heating of bottle(s) prohibited.

Liquid Overflow

All cars must have a recovery system or catch can (minimum of 16 oz.) for the car's radiator.

Drive-shaft loop

If you have slicks, you must have a drive-shaft loop. If your car runs 8.13 or quicker, you will need a drive shaft loop, even if you are running street tires.

Battery Relocation

If the battery is not in the stock location, and relocated to the trunk for example, you must have an external cut-off switch on the back of the car which cuts off the electrical system and must also stop the car from running.

Seat Belts

All cars must be equipped with an accepted quick release type driver seat belt. All cars in competition requiring a roll bar or roll cage, or as outlined by Class Requirements, require a Driver Restraint System as outlined below.

Driver Restraint Systems

A quick-release, 3-inch shoulder harness meeting SFI Spec 16.1, including crotch strap, is mandatory in all cars in competition required by the rules to have a roll bar or a roll cage. Driver restraint system must be clearly labeled as meeting SFI Spec 16.1 and be dated by manufacturer. System must be updated at two-year intervals from date of manufacture. All seat belt and shoulder harness installations must be mutually compatible, originally designed to be used with each other, and produced by the same manufacturer. Cars using OEM or OEM type seat may route crotch strap in front of seat instead of through seat. Only those units that release all five attachment points in one motion are permitted. When arm restraints are worn with a restraint system that utilizes a "latch lever", a protective cover must be installed to prevent arm restraint from accidentally releasing the latch lever. Protective cover not needed if system uses "duckbill" latch hardware. All harness sections must be mounted to the frame, crossmember, or reinforced mounting, and installed to limit driver's body travel both upward and forward. Seat belts may not be wrapped around lower frame rails. Under no circumstances are bolts inserted through belt webbing permitted for mounting. Check manufacturers instructions.

Wheels & Tires

All wheels must have ALL lug nuts in place and securely fastened. All street tires must have minimum 1/16 inch tread depth.