

## **BASIC CHECKLIST FOR “STREET LEGAL” DRAG RACING**

This list in no way supercedes or replaces 2008 NHRA Rule Book. The SIR Tech Department has put together the following “checklist” for participants. These are items that have led to problems over the years. We have learned a lot of lessons the hard way. Let us share that experience with you so you don’t have to learn the hard way. Times listed are for 1/4 mile.

**All vehicles running 11:99 or quicker will be considered a race car and will be assigned their own staging lanes.**

**Vehicle:** Must be street legal car, truck, or motorcycle.

**Tires:** Street legal, D.O.T. approved treaded tires, front and rear. Tires will be inspected for overall condition. (Bare cords not permitted). Racing slicks permitted.

**Wheels:** All wheel studs, with full compliment of lug nuts required. (Broken studs/missing lugs must be replaced before racing.) **Hub caps must be removed for lug inspection.**

**Windshield:** Mandatory, must be in good condition and free from cracks. OEM windshield may not be cut for scoops, carbs, etc. Windshield window tint must meet the applicable state requirements. **Windows must be closed during races.**

**Driveshaft Loop:** Driveshaft loop required on all vehicles running 13.99 or quicker, except vehicles running 11.49 seconds or slower equipped with street tires.

**Lines & Hoses:** All fuel, transmission, brake and power steering lines must be secure and free of leaks. A maximum of 12 inches total (front to rear) of non-metallic or non-steel braided hoses is permitted for connection purposes only. Oil pressure gauge and line permitted in driver compartment, metal or steel braided line mandatory.

**Radiator:** All cars in competition with any type of water overflow capable of spilling water must have a catch can to accumulate the excess liquids and prevent leaking onto the track. Minimum catch can capacity one pint. Catch can must be securely fastened.

**Master Cut-Off:** Mandatory on any car with a battery running 9.99 or quicker, or any car exceeding 135 mph or on any car where the battery is relocated into the trunk area.

**Driver:** Must have valid driver’s license. Drivers under the age of 18, must have a minor release waiver signed by their parent or guardian.

**Protective Clothing:** Shorts, bare legs, tank tops or bare torsos are prohibited when driving in competition. **All drivers are required to wear full-length pants, shoes and socks.** Nylon or nylon-type clothing and open-toe are prohibited. 10.00 to 13.99 – All

E.T. non-OEM supercharged, non-OEM turbocharged, or nitrous-equipped cars with OEM or .024 inch steel firewall **Jacket Meeting SFI Spec. 3.2A/1 Mandatory.**

**Helmet:** Helmets are recommended for all drivers, but mandatory for drivers in all 13.99 seconds E.T. or quicker vehicles. Helmet must meet SNELL 2000 or better standards (A label inside the helmet is proof of SNELL acceptance.)

**Seats:** Must be securely fastened to floor or frame with minimum 4 attaching bolts and nuts. (No sheet metal screws.)

**Seat Belts:** All vehicles must have a **Minimum, an OEM type lap belt system**, securely mounted to frame or floor per OEM.\*

**Batteries/Ballast:** Batteries must be secured per OEM, or with minimum of 2, 3/8 inch diameter bolts. (No bungee straps, cords, etc.) Loose ballast is not permitted on the race track, so be prepared to empty trunks and interiors of all loose items. Spare tires, jacks etc. must be securely mounted or must be removed. Tools, jack stands, coolers, loose speakers, etc. will not be permitted to go down the race track. If you don't need it, or don't want to leave it unattended, leave it at home.

**Neutral Safety Switch:** ALL vehicles with automatic transmissions must be equipped with an operational Neutral Safety Switch. The Neutral Safety Switch prevents the vehicle's starter from turning the engine over unless the transmission is in Park or Neutral. On manual transmission vehicle that is equipped with an OEM clutch switch, starter can only be active when clutch pedal is depressed.

**Nitrous Oxide:** Bottles must be stamped as meeting DOT 1800 pound standards, and must be securely bolted to frame or floor (no bungee straps, hose clamps, etc.) All fittings, hoses, etc. must be compatible, from same manufacturer, properly vented to outside of driver compartment.

**Roll Bars/Cages:** Roll bar mandatory in all cars (including T-tops) running 11.00 to 11.49, in convertibles running 11.00 to 13.49. Roll bar/cage structures must meet minimum NHRA standards as found in 2008 NHRA Rulebook\*.

**Motorcycles:** Must be registered for street use; front and rear brakes, chain guards, snap-back throttle-mandatory. Motorcycles 10.99 seconds or faster must be equipped with a positive ignition cut-off ignition switch attached to the rider with a lanyard. OEM cut-off permitted. Any pressurized container (air shifter bottles, nitrous bottles) must be stamped as meeting DOT 1800 pound standards. **Leather** jackets, gloves and **Leather** (above the ankle) shoes mandatory. Full face helmet labelled as meeting SNELL 2000 or better, mandatory (label is inside helmet). Full all **Leathers** or SFI Spev.40.1/2 suit mandatory on motorcycles running 120 mph or faster. Two-piece suits must be joined together with a zipper at the waist.

When 1/4 elapsed times are quicker than 11.49 seconds, Or 135 mph, specialized racing equipment is required. For example, when a roll bar or cage is required, so is an approved 5 point shoulder harness assembly. If you know or suspect that your vehicle will exceed these ET limits, we suggest contacting the SDRA Tech Department at 955-3724, Division 6 Tech Line: 306-374-3685 or NHRA Tech Department at 626-914-4761 with your questions. We want to work with you.