



LAKE COUNTY SPEEDWAY TROPHY STOCK RULES

GENERAL RULE STATEMENT:

"The rules and/or specifications set forth herein are designed to provide for the orderly conduct of racing events and to establish a minimum acceptable requirement for such events. These rules shall govern the condition of all Lake County Speedway events, and by participating in these events all Lake County Speedway participants are deemed to have complied with these rules. No express or implied warranty of safety shall result from publication of, or compliance with, these rules and/or specifications. They are intended as a guide for the conduct of the sport and are in no way a guaranty against injury or death to participants, spectators or others."

Events are open to any cars or S-10-type trucks from 1973 to the present year. No jeeps, convertibles, blazer types or sports cars are permitted. This division is for stock autos only; they must be former road cars. The minimum wheelbase is 100". All drivers must be at least 16 years old. Those under 18 years old must have a notarized minor's release form filled out before they can compete. Minor's release forms are available at the track.

1. CHASSIS

- a. Frames must be stock O.E.M. dimensions front to rear.
- b. Frame may be replaced behind rear wheel using maximum 2 x 3 box tubing.
- c. All suspension mounting points must remain stock and meet O.E.M. dimensions.
- d. Frame cannot be altered for fuel pump clearance.
- e. Frames may be Xed using maximum 1.5" round or square tubing with .095 wall.
- f. Frame can be no lower than 6" from ground with driver at any point.
- g. Car must weigh a minimum of 3,400 lbs. with driver at all times. If weight is lost during a race, it cannot be returned to the car after the race **for post-race inspection**.
- h. Max left side weight is **54%**, and max rear weight is 48% with driver at all times.
- i. All weight must be painted white and marked with car # and class, and must be bolted down with a minimum of two ½" bolts. Hanging weight can be no lower than fuel cell in rear or below frame on side rails.
- j. Engine must be left in stock position. No mid mounts.
- k. Any evaluation during inspection may assess a weight penalty for items not covered or deemed illegal.

2. SUSPENSION

- a. All suspension must remain O.E.M for your car make and model. Cross-breeding or interchanging of parts is prohibited (example: '74 Chevelle spindles on '78 Malibu).
- b. Load bolts not permitted.
- c. One racing spring per wheel in stock location permitted. Twist blocks and spacers permitted.
- d. Aftermarket stock replacement tubular upper A-frames are permitted. No offset on tubular A-frames; they must be

stock measurements, and both sides must measure same size and offset. Lowers must remain stock.

- e. Cambering of front wheels permitted.
- f. No aftermarket or adjustable ball joints.
- g. No locked or welded rear ends permitted; **must be open**.
- h. No aftermarket rear disc brakes allowed. Brakes must be stock for car make and model.
Brakes must work on all four wheels.
- i. No adjustable inline brake bias permitted. Only a stock proportioning valve may be used. No anti-lock or trick brake systems allowed.
- j. No traction control devices of any kind permitted.
- k. Shocks must be replacement shock for year, make and model of car. No rebuildable **or inverted** shocks allowed.
- l. Steering shaft must be collapsible. If not stock, minimum two universals.
- m. Eight-inch Hoosier Comanche with tread must be used.
- n. Must have 7" or 8" steel wagon wheel or wheel of same specification on right side of car. Eight-inch maximum width on all four wheels. One-inch lug nut is mandatory.
- o. No softening of tires. Must maintain a track-designated durometer reading (minus nothing). To be determined.

3. BODY AND INTERIOR

- a. Hoods and trunks **may** be gutted. Must have hoods and trunks pinned.
- b. All car doors must be welded shut.
- c. **Spoilers no wider than deck lid and a maximum of six inches high will be permitted.**
- d. Bumpers may be gutted and one maximum 2" tubing may be added behind skin.
- e. Trunk floor may be removed.
- f. External tow hooks or chains are required front and rear.
- g. All upholstery, lights, and exterior chrome must be removed. Hood and window molding may remain.
- h. No rear view mirrors.
- i. Firewall and firewall sides may not be altered. All holes must be covered with sheet metal. No spray foam.
- j. Floors may be raised no higher than the driveshaft hump on passenger side and back seat, driver's side must remain stock. All sheet metal interior or exterior must be welded or riveted. No screws permitted.
- k. Stock floors must remain.
- l. Aftermarket brake pedals and master cylinders permitted. Brake pedals will be rigidly inspected.
- m. Windshields may be stock glass, screen, or Lexan. If Lexan or screen is used, minimum three 1" safety bars connected to roll cage inside of car behind windshield must be installed. All other glass must be removed.

4. ROLL CAGE

- a. Must be four-point cage and will have driver's door side bars at a height to protect driver's legs and torso from side impact. **Front and rear hoop may be connected.** Tubing must be 1 3/4" seamless with minimum .090" wall thickness or 1 1/2" seamless with minimum .095" wall thickness. All bars must be solidly welded and will be rigidly inspected.
- b. No mounting of any suspension parts to cage.
- c. If fuel cell is dropped, a protection bar is required. Must be lower than cell and made with a minimum of 1 1/2" tubing.

5. BATTERIES

- a. Battery may be moved into driver's compartment, but must be mounted in a plastic marine-type box.
- b. Battery must be mounted with strap and will be rigidly inspected.

6. FUEL CELL/GAS TANK

- a. Must be mounted on a secure platform bolted or strapped and centered in trunk.
- b. Not to exceed 22 gallons.
- c. Bottom of fuel cell must be no lower than 14" from ground. If tank other than fuel cell (ex: boat tank) is used, it can be no lower than the bottom of the frame rails.
- d. Must have 16-gauge can built around cell if it is plastic and is dropped through trunk floor or trunk floor is removed.
- e. Pump gas only, not to exceed 94 octane, no additives. Fuel will be spot-checked for color.

7. ENGINES

- a. No cross-breeding. GM to GM, Ford to Ford, and Chrysler to Chrysler.
- b. Chevy 350 or 400, Ford 351, and Chrysler 360 with a maximum .060" over stock bore. No stroked or de-stroked engines. No Bowtie or aftermarket blocks.
- c. Only original O.E.M. 23-degree limited to maximum 1.94 intake and 1.50 exhaust valve size. No Bowtie, angle plug or Vortec heads permitted. Compression not to exceed 10.2 to 1.
- d. Valve springs, retainers and push rods must be magnetic steel only.
- e. No roller or roller-tip rockers. Only stock 1.5 ratio rockers permitted.
- f. Hydraulic lifters and camshaft with a maximum .450 gross lift at valve. No duration specification. No Rhoads type or roller lifters.
- g. Belt or gear-driven cams will not be permitted; must be chain driven.
- h. Minimum 6 ¼" harmonic balancer. Fluid dampener permitted.
- i. Stock cast iron two-barrel intake must be used. No marine, Bowtie or aftermarket intake permitted.
- j. No sanding, porting, polishing, port matching, acid dipping, internal painting/epoxy or removal or addition of material of heads or intake permitted.
- k. Must use stock distributor. No external coils or M.S.D. boxes; all parts must be under the cap. No high-performance chips of any kind.
- l. Stock exhaust manifolds only. No center dumps.
- m. Exhaust pipes not to exceed 2" O.D. and must extend behind drivers seat. No exhausting holes may be drilled or cut into pipes; they must be solid past driver. No tips to exceed 2" O.D., and no homemade boxes.
- n. O.E.M. unmodified **Rochester or Holley 4412** two-barrel carburetor or stock-type fuel injection for make and model of car. You may change jets, float level, weld throttle plate. No sanding, grinding, machining, painting/epoxy, or removal or addition of material permitted. Altered gaskets or base plates, or drilling of holes will not be permitted. Must have thin paper-type gaskets on carburetor. Choke plate must be removed. Air cleaner with filter required. Must have two return springs pulling in different directions.
- o. No electric fuel pumps or plastic/glass fuel filters.
- p. Radiators must be in good condition and have a one-gallon overflow can. Also must have 180-degree upper fan shroud. Only clear water permitted. No anti-freeze or cooling additives permitted. There will be a \$50.00 fine for track clean-up.

8. TRANSMISSIONS/FLYWHEEL

- a. Automatic transmission must be fully functional O.E.M components. Stock-type torque converter no less than 10" and completely functional. All transmission lines must be metal. No aftermarket coolers.
- b. Standard transmission must be O.E.M. with no internal or external modifications.
- c. Must be stock O.E.M. clutches, pressure plate and flywheels. Single disc minimum 10 ½" clutch and pressure plate. No aluminum flywheels or clutch discs, double or triple discs, or 10,000 RPM components permitted. Must have a window in bottom of bell housing for inspection.
- d. No lightening or machining of clutch and flywheel assembly permitted.
- e. Stock steel driveshaft, and must be painted white.

9. SAFETY ITEMS

- a. Driver must wear flame-resistant driving suits and gloves without holes.
- b. Must have three-inch, five-point belt system (shoulder, seat and crotch belt) and must be no older than **five years**. If belt is damaged or date tag is missing or not legible, it must be replaced. Must be bolted to roll cage. Mounting of harness will be rigidly inspected.
- c. Padding must be added to any bar or edge that can be reached by driver while strapped in.
- d. Only Snell rated helmets can be used. Must be in good condition and have all padding intact.
- e. A 2 ½ lb. minimum dry chemical **or Halon** fire extinguisher must be fully charged and mounted in driver's reach with a quick-release mount.
- f. Must have window net on driver's window with quick release at top of window.
- g. Aluminum racing seat required with headrest. Must be mounted to the roll cage with a minimum of four 3/8" bolts with washers. In no way should it be bolted to the floorboards.
- h. Must have 360-degree drive shaft hoop located near front of drive shaft.

10. NUMBERS

- a. Last year's car number will be reserved until April 1. If you do not apply for your license before that date, you may lose your favorite number. Once a car number is picked, you must race that number within the first four racing events, or your number may be given away. You must have a car to retain a racing number. No metallic or chrome type numbers will be permitted.
- b. Numbers will be 24" high and no less than 3" wide on front doors and also on roof facing the passenger side. Numbers must also be on the windshield with class letter "C" three inches high under the numbers. Numbers must be on the right front headlight area and right rear taillight area, not more than two digits. No letters or fractions. No spray can numbers or paint roller numbers.
- c. If car has two drivers, each driver must have his/her own number on the car on the night he/she drives the car.
- d. All cars must be washed weekly and, if damaged, they must be repaired, straightened and painted neatly. No sharp edges of any kind.

11. INSPECTION

- a. Safety and pre-inspection are required for every car before going onto the track. Any performance-enhancing or other products determined to be illegal must be removed before returning the next week. Otherwise two weeks are permitted to change items that were found during inspection. Driver/owner is responsible for car returning to tech and passing inspection within two weeks, or fines may result. In case where a driver brings a new car after first car has already had safety and pre-inspection, he/she must present new car for safety and pre-inspection. New car does not get the week for performance enhancing or illegal products; it must be legal for racing that night, and one week will be allowed for minor safety items found. Any major items must be repaired before racing that night. Minor or major items to be determined by tech inspector.
- b. Top three cars and drivers must report directly to tech after finish of feature for miscellaneous technical inspection. Anything covered in the rules may be checked at any time. If found illegal, all points and money will be forfeited for that night of racing. If car and driver do not report immediately, failure to do so is considered to be admission of guilt. Do not stop in your pit area!
- c. Tear-down is at track's discretion. Any car may be asked to remove intake manifold, one exhaust manifold and one head at owner's expense. At any time, the track has this right. Refusal is admission of guilt. If found illegal, you forfeit points and money for that night, as well as points from the last night you competed.
- d. To protest a car, you must run in the same class. Protest must be made before feature by driver or owner. The tech inspector will check the car according to the rules in your division. The protest will be in the amount of **\$500.00**. The inspector will receive **\$100.00**. If protested car is found to be legal, the car keeps the remaining **\$400.00**. If the car is found to be illegal, the **\$400.00** is returned to the protestor and the illegal car forfeits his/her last two weeks' points and that night's money. If protested car refuses inspection, it is considered admission of guilt and a forfeit of last two weeks' points and that night's money. The protestor will be returned the **\$500.00**.
- e. Only the driver plus one other person, such as owner or mechanic, may be present during safety and pre-inspection, post-race inspection, track tear-down or a protest. All others will be told to leave.
- f. If a car is found to be illegal due to post-race inspection, track tear-down, protest or admission of guilt, that car must pass inspection prior to competing again.

12. GENERAL

- a. Do not get out of the car on the track or infield area unless told to do so by an official or in case of fire.
- b. When line-up is called, you must be on time in your position or you will be sent to the rear of the line-up.
- c. Must run a heat to run a feature unless car broke in hot laps or dash race.
- d. Anyone running more than three laps under a black flag could forfeit all money and points for that race and/or possibly be suspended.
- e. If the rule book doesn't say you can, you must assume you can't. Anything not covered should be checked with tech inspector before proceeding. Rules may be changed at any time for the good of the sport. Any interpretation or deviation from the rules will be left to the decision of the tech inspector.