

Sunset Speedway 2011 4 Bee Rules

1. **COMPETING MODELS:** Two wheel drive 4 cylinder car and trucks. Maximum wheelbase for cars may not exceed 102". Maximum wheel base for trucks may not exceed 108". No sports cars, no high performance, no rear engine cars. All vehicles subject to approval by Sunset Speedway officials, if in doubt, call first. All cars must weigh a minimum 2000 lbs with driver at all times.
2. **BODIES:** Vehicle must retain stock body. Wheel wells may be trimmed for tire clearance. All body panels, interior and exterior may not be altered, with the exception of the left and right side doors to allow for door bars and hood for air cleaner clearance. All holes in firewall must be covered. Must use stock bumpers, front and rear. All flammable material must be removed. Full front windshield or screen mandatory. Windshield must have two vertical straps 1" x 1/8" minimum. Screen must be heavy duty 3/8" or 1/2" steel mesh with a minimum of three 1/2" tubes in front of driver, no further right than centerline of car. Doors must be welded or bolted shut. All other glass, including headlights, taillights, etc must be removed. Must use stock pedals in stock location. All vehicles must retain stock steering column. Quick release steering wheel hub allowed. No Mirrors allowed.
3. **ROLL CAGE:** Roll Cage mandatory, subject to tech approval. Shall be constructed of minimum 1 3/4" OD, .090 wall thickness steel tubing. Must be fully welded, no pipe or threaded fittings. Door Bars: minimum three (3) door bars on each side. Bars must be tied together vertically in center. Left side door bars must curve to within 1" of door skin. Doorplate optional. Front hoop OK, not to exceed past front sheet metal. Maximum of (2) two bars allowed through rear firewall, from top of main hoop to rear frame. Subject to tech approval. All bars in reach of driver must be padded. Rub rails allowed, maximum 1 3/4" tubing. Must be mounted within 1" of vehicle, no higher than top of tires. Ends must be curved in towards car, no sharp ends.
4. **TIRES & WHEELS:** Steel wheels mandatory, maximum width 8". DOT Passenger car radial tires, minimum 60 series. No recaps or racing type tires allowed, all tires subject to tech approval. No wheel weights allowed. Maximum "T" speed rating. No wheel spacers or adapters allowed.
5. **FUEL & FUEL TANK:** Gasoline only, no alcohol, no nitrous oxide. Stock fuel tank may be used if it is factory mounted over the rear axle. Vehicles with rear or side mounted tank must use a fuel cell, 8 gallon max. All fuel tanks are subject to tech approval.
6. **FRAMES:** Stock frame for year make and model. No cross bracing, filling, or reinforcing of frame allowed.
7. **SUSPENSION:** Suspension must remain stock, may cut or heat springs. Non adjustable spring spacers allowed. Must maintain a 4" minimum ride height. All suspension parts must use stock factory mounting points.
8. **DRIVE LINE & REAR END:** Driveline must be painted white and strapped at both ends. Straps must be of sufficient strength to contain driveline. Rear end must be stock for year, make and model of vehicle, mounted in stock location. Mini Spool or welded gears allowed. Stock transmission for year, make and model. No modifications.

9. **ENGINE: Track officials reserve the right to inspect engines at their discretion.** Engine must remain stock for make and model. Fuel injection must remain stock for year, make and model, with stock air cleaner and/or air box. NO turbocharger, supercharger or multiple carburetion allowed. NO VTEC engines. Stock carburetor for make and Model, or unaltered Webber 32/36 or 5200 Holley/Motorcraft (may remove choke horn). Maximum I" adaptor/spacer allowed. Intake manifold must be stock for make and model. Air cleaner required. Engine must mount in stock location. Stock cast iron exhaust manifold for make and model. Headers allowed. Muffler mandatory, noise level will not exceed 90 dba @ 100 feet, measured while car is on the track. Violators will not be allowed to compete. Water only as coolant, no antifreeze or additives allowed.
10. **BRAKES:** Stock brake system for year, make and model mandatory. Must be able to slide all four tires. No adjustable brake bias proportioning valves allowed.
11. **BATTERY:** Battery may be removed from stock location to behind driver's seat. Must be securely mounted in covered battery box. Master on/off switch mandatory, located within reach of driver and safety crew.
12. **GENERAL SAFETY:** For all safety devices it is the responsibility of the driver, not Sunset Speedway, its officers, or its agents to ensure his/her safety device systems are correctly installed, maintained, and properly used at all times. As with safety items, Sunset Speedway strongly recommends that the driver fully study all manufacture's installation and usage guidelines and adhere to these recommendations to the highest extent possible.
13. **FIRE CONTROL:** Any car not equipped with a built-in fire suppression system must have a fully charged fire extinguisher, a Halon, or equivalent at least 10-BC UL rating, with an operating pressure gauge, mounted to the right side of the driver's seat, and readily accessible for use. All entrants should have a fully charged 10-lb Halon 1211, Haltron-1 or equivalent fully charges fire extinguisher in their pit area.
14. **FIRE SUITS:** It is recommended that at all times, the driver wear a driving suit and gloves of fire resistant material that effectively covers the body, as well as fire resistant shoes, socks, head sock and underwear. Driver's suits with rips, tears and holes will not be permitted. It is recommended that that the driver's suit be the best quality fire protection available.
15. **HELMETS, HEAD & NECK RESTRAINTS:** Recommend that drivers should wear a helmet carrying a least a valid SA 2000 standard Snell and/or SFI 31.1 or 31.2 sticker. M rated helmets will not be permitted. full face helmets with Lexan face shield recommended. Nomex helmet skirt and Nomex covered chinstrap recommended. It is recommended that all drivers wear a neck and head restraint system.
16. **SEAT BELTS:** It is highly recommended that the driver carefully study the seat belts manufacture's installation. All seat belts must be a complete matching set from the manufacturer. A Quick Release seatbelt no less than 3-inches in width is compulsory. Both ends of the lap belt must be fastened to the roll cage with high quality bolts, not less than 3/8-inch in diameter. Shoulder harness must be no less than 3-inches in width and must come from behind and below the top of the driver's seat. Where the harness crosses the roll cage, it must bypass through a

steel guide welded to the cage in a manner that will prevent the harness from sliding side to side. No inertia reels are permitted. A center crotch belt must be used. It must be a minimum of 2-inches wide and mount to the roll cage seat mount. Where the belts pass through the seat edges the edge must have a grommet or be rolled so as to prevent the belt from being cut. All belts must connect in a single latch, at the lap belt. Latch must be approved quick release type. Belts must be replaced every (5) years and all belts must be dated by the manufacturer.

17. **SEATS:** A professional racing seat is required. Approved seat must be made of aluminum and manufactured specifically for auto racing. Seat must be mounted with a minimum of 3/8-inch grade 5 bolts. Two bolts must be located at the front of the seat and two on bottom rear. It is recommended that the seat also offer rib protection and have leg extensions. Headrests recommended on both sides. No fiberglass, plastic, or homemade seats permitted.
18. **WINDOW NET:** A window net is mandatory, rib style or mesh is allowed. The net must be permanently mounted at the bottom and have an approved quick release at the top. Window net must be within five years of manufactures date. Window net must have manufactures date and tag or it will not be permitted.
19. **APPEARANCE & NUMBERS:** All cars must be bright in a appearance with contrasting numbers. Numbers must be least 24 inches high and 3 inches wide and be legible from sides of car and roof. Roof numbers to be read form the passenger side of the car. Numbers will only be issued by Sunset Speedway. Call the office to confirm your number. There will be no duplicate numbers, any driver competing in the previous season will have until the third race to reserve their number before it will go back into the system.
20. **RADIOS:** No radio communication equipment permitted.

EIRI:

Except in rare instances) Decisions of Sunset Speedway Officials are final and binding without exception.

Any part or equipment found during an inspection or any other time, that does not meet applicable Sunset Speedway standards must be surrendered to SUNSET SPEEDWAY Tech Officials at that time, and will not be returned. Failing to not give up the part or parts will result in a fine, and/or loss of points and/or suspension.

Sunset Speedway Officials reserve the right to make final decisions in the interpretation of any rules or race procedures at any time. No equipment will be considered as having been approved by reason of passing through inspection, SUNSET SPEEDWAY Officials recommend that you carefully study the Sunset Speedway rulebook in order to be familiar with all aspects of racing. If you are considering apart, modification or procedure not covered in these rules, contact Sunset Speedway Tech Official before proceeding with any purchases or modifications. If you have any questions regarding the rules set forth, contact the Sunset Speedway Tech Official.

In keeping with Sunset Speedway's commitment to maintaining proper balance in the competition arena, it may be necessary for Sunset Speedway to make rule changes and/or rule modifications

from time to time. Such changes are designed to enhance close competition. Sunset Speedway's goal of a full starting field of various makes in each race, that are equally matched as possible is certainly in the best overall interest of the sport.