



## 2011 Compact Rules (4-6 Cylinders)

**THIS DISCLAIMER IS BENEFICIAL FOR THE PARTICIPANTS, GUESTS, AND CREW MEMBERS:** This publication supersedes all previous rules and rule updates. We reserve the right to alter or amend the rules and regulations in the interest of safety, cost control, and/or fair competition. **ADDING WEIGHT, REQUIRING THE LOSS OF LEFT SIDE PERCENTAGE, OR REQUIRING A CARBURETOR RESTRICTION PLATE ON A VEHICLE MAY/WILL BE TOOLS USED BY SPEEDWAY OFFICIALS TO MAINTAIN FAIR COMPETITION.** It is the responsibility of each competitor to read and understand the contents of these rules. If there is a disagreement or dispute regarding the meaning or application of these rules, the decision of the SPEEDWAY Competition Manager shall prevail. No expressed or implied warranty of safety shall result from publications of or compliance with these rules and/or regulations. The rules and/or regulations set forth herein are designed to provide for the orderly conduct of the SPEEDWAY racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. No pretense is made for having designed a foolproof set of rules and regulations. The spirit and intent of the rules is the standard by which SPEEDWAY events will be governed. The SPEEDWAY Competition Manager is authorized to decide if an equipment change or modification is an attempt to circumvent these rules. The SPEEDWAY Competition Manager can and will disqualify a race car in violation of the spirit and intent of these rules. If this rulebook does not specifically state that you can alter, change, or otherwise modify something on your car, you should consider it a violation of these rules. No part is deemed to have been approved by SPEEDWAY by passing through prior technical inspections. The Competition Manager shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions, which in his opinion, do not alter the minimum acceptable requirements. No expressed or implied warranty of safety shall result from such alteration of specifications. Any interpretation or deviation of these rules is left to the discretion of the Competition Manager. His/her decision is final. These rules are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official. All participants, guest and crew members fully understand that racing is inherently dangerous and that they are exposed to risks of death or serious bodily injury. The participants, guests and crew members voluntarily assume these risks.

**Advertising and Promotion Release:** Lake Erie Speedway, Inc., its duly authorized agent and assigns, is hereby granted the right of uses of the applicant's name, likeness and photographs of the applicant or the applicant's car(s), taken during the event, in any medium or material, for promoting, advertising, recording, or reporting any Lake Erie Speedway, Inc. sanctioned event(s), including but not limited to television, and radio broadcasts, film production, video tape productions, and do hereby relinquish all rights thereto for these purposes.

Driver \_\_\_\_\_ Car Owner \_\_\_\_\_

#### **A. Car Eligibility-ELIGIBLE MODELS**

1. The following models are approved for competition.
2. Any 1980 or newer four (4) and (6) cylinder front wheel drive car including coupes, sedans or station wagons.
3. Trucks, vans, Jeeps, convertibles, Volkswagens and rear wheel drive cars will not be permitted.
4. Rear-engine, mid-engine, four wheel drive and all wheel drive vehicles will not be permitted.

#### **B. CAR BODIES**

1. Outside of body must be complete.
2. Chrome and moldings must be removed.
3. Inside door panels only may be cut away to allow for door bars.
4. Inner fenders must remain stock-OEM.
5. All bumpers must be secured to the body.

#### **C. SAFETY – all safety items will be checked before car is approved for competition.**

1. Windshield may be used if uncracked. If cracked, replace with wire mesh
2. Must have a minimum of a four point roll cage made of at least 1.5” .095” steel tubing installed in a safe, professional manner.
3. Must have at least 3 door bars on the driver’s side of the car.
4. All roll bars within reach of the driver should be padded
5. Must have a seat securely fastened to the roll cage/frame. Race seat is recommended but not mandatory
6. Must have a minimum of a 4 point racing harness securely bolted to the roll cage/frame.
7. Must have area to bolt on 25 pound weights on the right side of the car.
8. Mandatory window net with a quick release mechanism installed in the driver’s side window opening
9. If battery is installed in the driver’s compartment it must be securely mounted in a safe secure mounted battery box.
10. Battery kill switch must be clearly labeled and within reach of window for safety team
11. If a fuel cell is used it must be securely mounted in the trunk/rear seat area with a firewall separating it from the driver
12. Two tow points are required, both the front and rear of the car
13. **Raceceivers/Scanners are mandatory. Frequency is 451.325**
14. Snell (SA-2005, SA2010) approved helmets only
15. Fire suits mandatory. Must have long sleeves and long pants, full shoes.
16. Fire extinguisher is mandatory in the driver cockpit.

#### **D. CHASSIS**

1. Factory suspension pickup points may be reinforced. Factory suspension pickup points must maintain a stock OEM appearance other modifications will not be permitted.
2. All other components must be stock and maintain OEM dimensions.

#### **E. WEIGHT**

1. Minimum total weight shall be Two-Thousand U.S. pounds (2000 lbs).
2. Minimum weight is measured with all driver safety equipment installed or in place, radio installed and driver in the car.
3. All weights will be measured by track officials using the scales provided by the track. It is the responsibility of each race team to insure that its car meets the specified minimum weight requirements for this division on these scales. Cars will be weighed after the race without adding gas, oil or water. Wheels and tires must not be changed.
4. Twenty-five (25) U.S. pounds will be added for each feature win to the right side of the car. Weight will be provided by LES.

#### **F. WHEELBASE**

1. Wheelbase must remain “stock” for the year, make and model of the vehicle.
2. The maximum wheelbase permitted will be 108 inches.
3. The wheelbase must remain within ½” of the original stock.

#### **G. GROUND CLEARANCE**

1. Minimum ground clearance shall be five-inches (5”) with a tolerance of one-half-inch (1/2”).
2. Ground clearance measurements are taken with a full fuel cell and all tires inflated to 30 PSI.

3. Teams will be permitted to adjust tire pressures, after technical inspection and prior to Qualifying, Heats or Feature Events.

#### **H. EXTERIOR**

1. The exterior of the body must remain completely "stock" for the year, make and model.
2. All door jambs and kick pillars must remain stock-OEM.
3. All hoods must remain stock-OEM including the hinges which must be in working order.
4. The front and rear bumper systems must remain stock-OEM.
5. Additional bracing or tubing behind the bumpers will be permitted.
6. Plating or bracing of the bumper brackets will not be permitted.
7. Bumper shocks must remain functional.
8. All glass, lights, mirrors, grilles, door handles, and exterior trim must be removed.
9. The front windshield must be braced with two (2) steel straps a minimum of one-eight-inches x one-inch (1/8" x 1"), from the roof down to the cowl, in the center of the windshield, spaced six-inches (6") apart and bolted at the top and bottom.
10. Flat sided doors, quarter panels, fenders or rocker panels will not be permitted.
11. Side skirts will not be permitted.
12. All doors and openings on the exterior of the car must be welded shut.
13. Headlight and tail light openings must be covered.
14. Easily accessible tow hooks on the front and rear of the car are mandatory. Stinger type rear tow hooks will not be permitted.
15. Rear windshields manufactured from Lexan or poly-carbonate will be permitted.
16. No part of the air cleaner may protrude out of the hood.
17. Bodies must be completely one model. Mixing of body components from different makes and models will not be permitted.
18. The rear deck lid must be accessible by either hinging the rear deck lid or installing it with hood pins.
19. A minimum of two (2) steel hood pins are mandatory. (Hood, Trunk)

#### **I. INTERIOR**

1. The interior of the body must remain completely "stock-OEM" for the year, make and model.
2. All door inner shells must remain stock-OEM except the drivers door to allow for the roll door bars.
3. The front firewall must remain stock-OEM. Holes must be filled.
4. The interior of the car must be completely gutted of all combustible material.
5. All carpeting, door and quarter trim panels, headliners, seats must be removed.
6. Absolutely no additional bracing will be permitted. Bar from strut tower to strut tower will be permitted.
7. **One Mirror will be permitted.**

#### **J. SPOILER**

1. Rear spoilers are permitted if they were stock for the make, model and year of the car.
2. Homemade or aftermarket spoilers will not be permitted.

#### **K. CAR APPEARANCE**

1. Presentation of stock-appearing, professionally finished stock cars is mandated by the speedway. A detailed, professional-quality paint job is mandatory. The car must be fully painted with legible numbers affixed, in a finished form with all required decals in place, when the car is presented to technical inspection.
2. Car base color and number color must be of high contrast to maximize legibility of number.
3. Jack-point locations may be marked with a two-inch (2") arrow or other identification mark.

#### **L. DASH BOARDS**

1. The dash may remain in place.

#### **M. CAR NUMBER**

1. All cars must have an officially issued number.
2. A five-inch (5") tall car number, white in color, lettering style optional, shall be located in upper right hand corner of the windshield area, right-front air damn area and the right-rear bumper cover.
3. Silver, gold foil or reflective numbers will not be permitted.
4. Car numbers must be centered on the left and right side door panels, six inches (6") behind the "A" pillar.
5. Numbers must be a minimum twenty-one inches (21") tall x three inches (3") wide. Numbers must be centered top to bottom and left to right.
6. A minimum 35-inch high x 4-inch wide stroke roof number, facing the passenger side or driver side of the car is mandatory.

7. The car number cannot be changed or assigned to another racecar, except by specific directions from track officials.

## ENGINES SPECIFICATIONS AND REQUIREMENTS

### N. GENERAL

1. Turbocharged or supercharged engines will not be permitted.
2. Engine must remain completely "stock-OEM" for the year, make and model of the vehicle.
3. Modifying of the computer boxes and/or wiring harnesses will not be permitted.

### O. CYLINDER HEAD

1. All components must remain stock-OEM

### P. TRANSMISSION

1. Must use Stock-OEM, unaltered transmission that came in year, make and model of the car being used.
2. All forward and reverse gears must be operational.
3. Flywheel, flexplate, clutch assembly and torque converter must be unaltered, Stock-OEM for year, make and model of the car being used.
4. Mini clutches or couplers will not be permitted.
5. Transmission coolers will not be permitted.
6. Torque dividing the final drive will not be permitted.
7. Must have an inspection hole in the bell housing.

### Q. FRONT SUSPENSION

1. The front suspension must remain completely "stock-OEM" for the year, make and model of the vehicle.
2. Absolutely no modification of suspension parts or locating points will be permitted. Cutting, bracing, or repairing any suspension and or steering parts will not be permitted.
3. All suspension parts must be replaced with "stock-OEM" parts for that year and model vehicle.
4. An adjustable ball joint on the right front only will be permitted.
5. No more than 6 degrees of camber will be permitted in the right front tire.
6. No more than 2 degrees of camber will be permitted in the left front tire.
7. All control arms must be "stock-OEM" and use the stock mounting positions.
8. All struts must use the stock mounting position and be "stock-OEM" or equivalent.
9. Suspension travel limiters will not be permitted on any part of the suspension or chassis.
10. Spring rubbers are permitted and must be removed manually. No removal devices may extend outside the body of the car or be accessible in the driver's compartment.
11. All steering must be "stock-OEM" for the year, make and model of the car.
12. Power steering will be permitted.

### R. REAR SUSPENSION

1. The rear suspension must remain completely "stock-OEM" for the year, make and model of the car.
2. Stock axles must remain in the stock location for the year, make and model of the car. Modifications or repairs of locating arm and/or locating arm mounts will not be permitted.
3. Zero (0) degrees of camber will be permitted.

### S. BRAKES

1. The brakes must remain completely "stock-OEM" for the year, make and model of the vehicle.
2. Brakes must be working on all four (4) wheels.
3. Racing type dual master cylinders will not be permitted.
4. Brake balance bar assemblies will not be permitted.
5. Slotting or drilling of brake rotors will not be permitted.
6. Electric brakes, antilock brakes, bird cages, floating brake assemblies, brake pulsating devices, carbon fiber brake components and re-circulators will not be permitted.

### T. SHOCKS

1. The shocks and/or struts must remain completely "stock-OEM" for the year, make and model of the vehicle.

### U. WHEELS

1. Only 13, 14, 15, 16 and 17" wheels will be permitted.
2. The maximum allowable offset will be one-inch (1").

3. All four (4) wheels must be the same size.

#### V. TIRES

1. Following are the only tires approved for competition.
2. Tires must be series 50 thru 75 stock passenger car radials and must have visible DOT ratings on the outside.
3. All tires must have a minimum 300 tread wear indicator visible on the outside.
4. All four (4) tires must be the same size.
5. **Tread Depth will be enforced if need be. Tires can not be bald, need to be kept close to 3/32".**
6. **ANY RACING TIRES WILL NOT BE PERMITTED. The determination "racing-tire" will be on the desecration of Lake Erie Speedway officials**

#### W. STEERING

1. May use race wheel as long as it is mounted in a safe manner.
2. Race wheel is recommended not mandatory
3. All other steering components must be stock-OEM

#### X. EXHAUST

1. Any exhaust may be used, all exhaust pipe must extend beyond the driver
2. Exhaust manifold must remain stock-OEM with the exception of the muffler or catalytic converter. Catalytic converter can be replaced with a "test pipe", and the muffler may be replaced with an after market muffler or glass pack.

#### Y. AIR/FUEL SYSTEMS

1. No turbochargers, superchargers, or any other sort of forced air induction
2. All components must remain stock-OEM
3. **COOL AIR INTAKES WILL NOT BE PERMITTED**
4. Must use "stock-OEM" air filter housing and "stock-OEM ducting.
5. K & N Filters will be permitted if it fits in the stock air filter housing, and is manufactured for that particular make and model car.

#### Z. OILING SYSTEM

1. All components must remain stock-OEM

#### AA. ELECTRICAL

1. Batteries may be located in the engine compartment, trunk area or in car. All batteries must be securely fastened and if located in the trunk area, must be in a covered steel container.
2. Battery may be located in the driver's compartment if securely mounted in a secured battery box.

#### BB. COOLING

1. All components must remain stock-OEM.
2. **No anti-freeze and/or cooling system additives will be permitted. Only water will be permitted for use in the cooling system. The result of using antifreeze will be a \$100 fine.**

#### CC. FUEL

1. Pump gas only, NO blends or additives

This is a low budget trophy entry-level division. **Keep it fun**

The **DRIVER** will be admitted to the pits for free, all others must pay

All drivers and crew members must adhere to the General Track Rules