

# 2023 New London-Waterford Speedbowl Compact Rules

Last Updated: **5/24/2024**

## 1) Introduction:

Interpretations of the rules contained herein will be the sole responsibility of authorized officials of New London-Waterford Speedbowl. Their interpretations and judgments shall be final.

All equipment is subject to the approval of the New London-Waterford Speedbowl Officials.

## 2) Driver Eligibility:

Drivers 16 years old and up are eligible to compete in the New London-Waterford Speedbowl Compact Enduro division. In order to participate in any on-track activity all cars must complete a technical & safety inspection and all drivers must be signed in with completed Driver Registration Forms. By registering as an owner or driver you agree to be knowledgeable and bound by the contents found in these rules and in the New London-Waterford Speedbowl General Rules.

## 3) Safety:

### Seat & Belts

An aftermarket, aluminum fabricated racing seat is suggested. Factory seat belts with shoulder harness or racing harness must be used.

### Window Net

A commercially manufactured nylon window net must be installed in the driver's side door window opening.

### Fire Suppression

A fire extinguisher or fire bottle suppression system securely mounted in the car is mandatory.

### Safety Gear

A double-layered, full fire suit made of Nomex material is mandatory. SFI rated gloves are mandatory. Full-faced SA2005 rated or newer helmets are mandatory.

## Approved Models:

Open to most 4 or 6 cylinder front wheel drive cars. Vehicles not eligible for competition are: Rear wheel drive vehicles, mid-engine or rear engine cars, rotary engine cars, all-wheel drive, turbo/superchargers, cars with 4 wheel or all-wheel steering, trucks, vans, **minivans**, SUVs, convertibles.

**Body, Appearance:**

The Vehicle Identification Number (VIN) of the car being used must be on the dashboard and clearly visible.

All headlights, taillights, reflectors, and trim must be removed. Sun/moon roofs must be completely covered and welded with minimum 24 gauge (.024") magnetic sheet steel. All doors must be welded or chained shut. Hood latches must be removed and hood pins or chains must be used to hold the hood down.

**All cars must have a "Fin" on the roof of their car. This fin must be 12" x 12" minimum painted white with black numbers. All numbers must be clearly legible. Any cars without the required fin risk not being scored correctly during the race.**

The factory stock OEM bumpers made for the car must be used. Bumpers must be securely and mechanically fastened and safely chained. Bracing/reinforcing of the bumpers is not permitted.

#### Windows

All factory glass must be removed except the windshield. The glass windshield may be replaced with 1/8" thick, clear polycarbonate and must be bolted or riveted along all four sides and supported in the center, top to bottom.

#### Interior

All bolt-on components and flammable material must be removed. The steering wheel center must be padded. All air bags must be disarmed for safety purposes.

#### **Frame & Chassis:**

A 1-3/4" diameter x .095" HREW or DOM steel tubing roll cage is recommended.

#### **Suspension:**

All the front & rear suspension components must be the unmodified, stock OEM components per VIN code. All mounting holes, locations, and hardware must remain stock OEM.

The only modifications of the suspension allowed: Strut towers may be slotted. The maximum camber allowance is +/-3 degrees front and +/-1 degrees rear.

Coil springs must be stock OEM. Springs from side to side must have an equal number of coils and be within 1/2" in free height. Spring rubbers are not permitted.

#### **Steering/Brakes:**

All steering components must be the unmodified, stock OEM components per VIN code. All mounting holes, locations, and hardware must remain stock OEM.

The fully operational stock OEM 4-wheel hydraulic disc/drum brake system must be used. All

brake components must be stock OEM mounted in their stock OEM location.

**Wheels/Tires:**

Stock OEM or OEM aftermarket replacement wheels must be used.

Any DOT street legal, 60 series (sidewall profile) or numerically higher tire may be used. Tread wear must be 350 or numerically higher. Tires and wheels must be stock per the vehicle year, make, and model. Steel belted radials only. All four tires must be the same size (width, profile, and rim diameter).

**Engine/Drivetrain:**

The engine, drivetrain, and all of their components must remain unmodified and completely stock OEM per VIN code. The engine must be the one that either comes with, or is available in, that vehicle's year, make, and model. Aftermarket cold air boxes are not permitted.

Water and "water wetter" brand additives are the only coolants allowed. A one gallon overflow can mounted under the hood must be used.

The alternator, starter, ignition system, computer chip, and engine management controls must remain unmodified and completely stock OEM per VIN code.

**Battery**

The battery may be moved to the heater core area of the firewall or behind the driver's seat. If relocated, the battery must be encased in a metal or plastic marine box and secured appropriately.

**Exhaust:**

The unmodified, stock OEM cast exhaust manifold or OEM factory headers must be used. Exhaust system must extend rearward past the driver. An unmodified, stock OEM muffler must be used.

**Fuel System:**

Pump gas must be used, no racing fuel. The use of additives, catalysts, or fuel-altering devices are not permitted.

A fuel cell, securely mounted in the trunk is recommended.