

2023 New London-Waterford Speedbowl Trailer Race Rules

Last Updated: **10/2/23**

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 Trailer Races. 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, 6, or 8 cylinder cars, small trucks, minivans, and SUVs.

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.

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.

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.

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.

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

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.

Trailer Hitch

All hitches must be attached to the vehicle with mechanical fasteners only. Hitches may not be welded. The trailer hitch and ball must be a stock style latch. Modifications to re enforce the hitch-to-ball connection are not permitted.

Trailer Hitch Chains

Two safety chains, maximum $\frac{3}{8}$ diameter, are permitted.

Trailers

Any type of trailer is permitted. Open trailers must be loaded for entertainment purposes. Creativity and themes are encouraged.

Race Procedures

Drivers must make contact at all times a pass is made. Passes made without contact may be subject to disqualification. Drivers must always adhere to the track safety lights and flagman. Drivers who are no longer in competition may only exit their cars when instructed by a track official.