

# 2011 Waterford Speedbowl Demo Derby Rules

*Publish Date: 6/14/2011*

*all modifications to this version in red*

By registering as a driver you agree to be knowledgeable and bound by the contents found in these Divisional Rules and in the General Rules.

Drivers must register for each event by filling out a registration form at pit sign in.

## **12.0 GENERAL DIVISION RULES:**

The Demolition Derby Division is designed to provide low-cost great entertainment to the fans.

**A)** In the following rules you will see the term “stock OEM” used. This means “original equipment manufacturer”. These parts must come standard on your production car.

**B)** No carbon fiber or titanium parts allowed.

**C)** None of the following will be allowed in or on any engine or driveline component or part: abrasive cleaning, acid dipping, chemical milling, coating, epoxying, finishing, grinding, painting, plating, polishing, porting, etc.

**D)** The rules herein are for the Waterford Speedbowl only, with no expressed or implied agreement with any other Division or Speedway as to their interpretation and/or method of inspection.

**E)** All equipment must be approved by track officials. No equipment is considered to be approved by reason of having passed through a technical or safety inspection unobserved. No car will be considered as having passed inspection for the event until the finish is made official.

**F)** All engine models, equipment changes, or modifications not specifically addressed in this rule book must be submitted to the Waterford Speedbowl for consideration of approval prior to competition.

**G)** All equipment is subject to the approval of the Waterford Speedbowl Officials.

**H)** Once a car has been presented to the Waterford Speedbowl Officials for pre-race or post-race inspection the entire car and all of its components become subject to inspection. This includes but is not limited to items verbally designated for inspection before or following a particular event

**I)** All rule changes and updates made during the course of the season for the current rulebook will be posted to the Waterford Speedbowl website ([www.speedbowl.com](http://www.speedbowl.com)). This will serve as the only form of official notification until the printing of the 2011 Waterford Speedbowl rule book.

**J) SAFETY EQUIPMENT (All Divisions):**

Helmets: SA2000 or SA2005 rated full-face helmets are mandatory for all motor vehicle events. The helmet and a face shield or other acceptable eye protection must be worn at all times during any event.

Seatbelts: Each car must be equipped with the factory seat belt system. The belt latching mechanism must provide a common connection and release for the lap belts and shoulder belts. The belts must be in their stock location / mounting point.

Seats: Each car must use the original factory supplied seat, and it must be securely and professionally mounted in the stock location. The installation of the seat must be acceptable to track officials. Seats may be reinforced as needed for competition. The drivers door must be padded to prevent injury.

**Helmet, eye protection, fire suit and gloves are mandatory.  
Passengers are not permitted.**

## **12.1 APPROVED MODELS:**

Open to most American or Metric, 4, 6 or 8 cylinder cars.

Vehicles NOT eligible for competition are:

Taxi cabs (including any heavy duty chassis vehicle)

Limo's (including any extended wheelbase vehicle)

Trucks & Vans

Only cars determined to meet the applicable specifications are eligible to compete in the Demolition Derby Division.

### **12.2 CAR BODY REQUIREMENTS:**

**The car must be stripped / gutted before it gets to the race track. Anyone found stripping a car or removing glass on the premises will be issued a \$250 clean up fee / fine.**

**A)** The car must have the stock OEM body, including all interior panels.

"Gutting" of any body panels is not allowed.

**B)** EXTERIOR: All bolt-on components, lights, glass, mirrors, and trim must be removed.

The front windshield may be used, or it may be replaced with Lexan.

Steel mesh (fence type material) covered over the entire windshield is highly recommended.

An 18" diameter hole must be cut into hood to allow an engine fire to be put out.

Doors must be welded or chained shut.

Bumpers and their mounts may not be reinforced.

The hood and trunk must use the same chain to hold it closed, but must be accessible for inspection.

**C)** INTERIOR: All bolt-on components and flammable material may be removed except for the front seat.

The left interior door panel must be padded to prevent injury.

The air bags must be removed.

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

### **12.3 MISCELLANEOUS**

The Battery may be left in the stock location, or may be moved to the passengers floorboard area. If it is relocated, it must be completely enclosed in a battery box, sealed off from the driver.

Reinforcing of any suspension component is illegal.

Rear ends (differentials) must be the stock OEM unit that comes in your car, with no modifications done to it.

All wheel weights MUST be removed.

No substance or matter other than compressed air will be allowed in the tires.

Fuel tank must be in the stock location or a metal marine type fuel tank (5 gallon maximum) maybe mounted securely inside the car. If a marine tank is used the stock tank must be removed from the vehicle. Fuel lines must be run under the car. If the vehicle is equipped with an electric fuel pump, a shut off switch must be installed within reach of the driver.

Radiators must be drained of all antifreeze and replaced with water.

The track reserves the right to keep the vehicle after the event.

All vehicles must remain stock for the year make and model of your car. There are no modifications or alterations of any kind allowed other than what is listed in this rulebook.

### **12.4 ROLL CAGE**

Roll cage is not mandatory, but if used it must consist of the following:

1-3/4" OD x .095" thickness (minimum), seamless or electric welded seam approved roll over bars. The main hoop must be installed over the driver's head against the roof, out to the doors and down to the frame. One (1) support bar must be installed on either side of the car from the main hoop forward and down to the frame (in the door panel area). Roll bar padding must be used on all bars within the driver's reach. Additional bars may be added for safety, but may not be used for "chassis stiffening" purposes. The additional bars must be made of the same 1-3/4" OD roll cage tubing, and must be used only in the drivers compartment.

## 12.5 PROCEDURES

- Drivers must pay attention to the flagman, the red/green lights and the air horns at all times.
- Drivers must run aggressive while the green light is on. Cars cannot sit idle for an extended period of time or will be disqualified. Drivers must stay in their cars with seat belts fastened until the demo derby is completed or until a red flag is displayed. Please break the marker stick off of the drivers side of your car if you are out of the event.
- No hitting on driver's door. Repeated violations will cause car to be disqualified.
- When the red flag is displayed, all action must come to a halt. Any driver that does not quit hitting in a reasonable period of time will be disqualified. Drivers who are no longer in competition may exit their cars at the instruction of an official at this time.