



## STREET ELIMINATOR

### Modified production vehicles.

10,00 sec tot 13,99 sec ¼ mile  
6,40 sec tot 8,8 sec 1/8 mile

### Class conditions:

This class is reserved for vehicles, which can run the ¼ mile in less than 14 seconds, and not faster than 9,99 seconds.

Original vehicle license papers needed to pass tech inspection.

Delay devices, throttle stops, air shifters, etc. or any device that transmits real-time, on-track data to the driver or any remote location are prohibited.

### Technical regulations.

#### Engine. 1

##### Engine

All engine types are allowed, rotary engines, 2-rotor only.. All types of carburetors and injection systems allowed. Electronic controlled injection systems must comply to general regulations 9.1 .

##### Exhaust

Exhaust systems may be modified, must end behind the driver's seat, the maximum sound pressure of 98 +/- 2 dB, OSL measurements, may not be exceeded. Measurements are made under a 45 degree angle 15mtr behind the right side of the car, under full load acceleration.

##### Fuel

Racing gasoline, gasoline, alcohol, gasohol, diesel, ethanol, natural gas, and propane permitted. Nitromethane prohibited.

Fuel lines must be routed outside the drivers compartment. Fuel lines routed near to bell housings must be protected by a steel tube of 400 mm length and minimum 3,2 mm wall strength. Routing of fuel lines in the driveshaft tunnel prohibited. See general regulations 1.5

##### Fuel system

See general regulations 1.5

##### Liquid overflow

See general regulations 1.6

##### Nitrous oxide

Commercially available nitrous oxide permitted, including for supercharged and turbocharged engines. Nitrous bottle(s) in driver compartment must be equipped with a relief valve and vented

outside of driver's compartment. Bottle(s) must be stamped with a DOT-1800-pound rating and permanently mounted (no hose clamps or tie wraps). Hoses from bottle(s) to solenoid must be high-pressure steel-braided. Commercially available, thermostatically controlled, blanket-type warmer accepted. Any other external heating of bottle(s) prohibited. See General Regulations 1:9.

### **Supercharger, Turbocharger**

Permitted on cars running racing gasoline or alcohol. Supercharger restraint system meeting SFI Spec 14.1 mandatory on Roots-type supercharger (6-71 or larger) when alcohol is used as a fuel. Highhelix and screw-type supercharger prohibited when alcohol is used as fuel. Liquid intercoolers limited to water and/or ice ONLY. See General Regulations 1:13, 1:14, 4:2.

### **Engine oiling system**

Dry-sump lubrication systems are allowed, all oil-lines must be routed outside the drivers compartment. Oil lines routed near the bell-housing must be protected by a steel tube of 400 mm length and a minimum of 3,2 mm wall thickness. Routing of oil-lines in the drive shaft tunnel prohibited.

## **Drivetrain 2**

### **Drive line**

4 wheel drive is only allowed if the 4wheel drive system was o.e.m. equipment on the specific vehicle. Rear wheel drive vehicles with a drive shaft, using slicks , must be equipped with a drive shaft loop. The loop must be securely mounted on the vehicles chassis rails within a distance of 150 mm of the front u-joint, for support of the driveshaft in case of u-joint failure. The loop must be made of steel plate 6mm thick, 51 mm wide or solidly welded steel pipe of 22mm diameter x 1,5 mm wall thickness.

### **Flywheel shield**

All manual-transmission-equipped RWD cars running 11.49 or quicker must have a flywheel shield labeled as meeting minimum SFI Spec 6.1 or 9.1 or a fabricated shield made of 1/4-inch-thick steel, surrounding the bellhousing 360 degrees, extending 1 inch forward and 1 inch rearward of the rotating clutch assembly. Shield must be securely attached to frame or frame structure, may be multi-piece. All rotary engine vehicles equipped with nitrous-oxide injection and/or turbo/supercharger running 9.99 or quicker, or any vehicle exceeding 135 mph must use a flywheel shield labeled as meeting SFI Spec 6.1 or 9.1 minimum.

All FWD or transverse-mounted applications using a clutch and running quicker than 11.49 must be equipped with a flywheel shield made of 1/4-inch-minimum-thickness steel plate. Shield must surround the bellhousing completely except for area of flywheel shield adjacent to differential and axle shaft. Shield may be multi-piece, with pieces bolted together using minimum 3/8-inchdiameter Grade 5 or M10 class 8.8 bolts; may be attached to engine and/or bellhousing. See General Regulations 2:5, 2:6, 2:9, 2:10.

### **Automatic transmissions**

Automatic transmission must be equipped with a reverse lock-out mechanism and may only start in park or neutral position. All cars using an automatic transmission and running quicker than 10.99 or faster than 135 mph must be equipped with a transmission shield meeting SFI Spec 4.1. All cars using an automatic transmission and running 9.99 seconds or quicker must also be equipped with a flexplate shield labeled as meeting SFI Spec 30.1 and a flexplate labeled as meeting SFI Spec 29.1.

### **Differential**

The use of limited slip differentials or o.e.m. switchable locker permitted. Welding of the spider gears/planetary wheels is prohibited.

### **Axle-retention device**

All cars must be equipped with a satisfactory means of drive-axle retention; minimum .120-inch aluminum or .090-inch steel bearing retainer mandatory on RWD cars.

**Rear end**

See general regulations 2.11

**Suspension and braking system 3****Brakes**

Four wheel, fully functional, hydraulic brakes mandatory on all participating vehicles. See general regulations 3.1

**Steering**

See General Regulations 3:2, 3:3, 4:1.

**Suspension**

Full, automotive-type suspension, front and rear. Minimum 1 working shock absorber per wheel; rigid-mount suspensions prohibited. Lightening of stock components prohibited. See General Regulations 3:2, 3:4, 3:5.

**Wheelie-bars**

The use of wheelie-bars is prohibited.

**Chassis 4****Ballast**

Permitted. See General Regulations 4:2.

**Chassis**

Tube chassis permitted, vehicles original firewall and floor must stay in place as OEM from factory.

**Ground clearance**

Minimum 3 inches from front of car to 12 inches behind centerline of front axle, 2 inches for remainder of car (except for exhaust more than 12 inches behind centerline of front axle).

**Parachute**

Mandatory on any car running 150 mph or faster. See General Regulations 4:8.

**Roll bar**

Every vehicle faster than 11,49 sec, but slower than 10,99 sec over ¼ mile a roll bar is mandatory. See also general regulations 4.10 and 10.6.

**Roll cage**

Every vehicle faster than 10,99 sec over the ¼ mile must be equipped with a roll cage. With exception of full bodied vehicles, with unaltered fire wall, floor and body, not faster than 10,00 sec on the ¼ mile. For these vehicles is a roll bar permitted in place of the roll cage. See also general regulations 4.11 roll bar.

**Protection**

All roll bars and roll cages must be padded wherever it may come in contact with the drivers helmet.

**Wheelbase**

Minimum 85 inches unless car has original engine. Maximum wheelbase variation from left to right is 1 inch.

## **Wheels and tyres 5**

### **Tyres**

Must be DOT or racing tire. Mini-spares prohibited at all times.

During the event is the use of slick tyres on all driven wheels permitted. Size of slick tyres is free.

### **Wheels**

The wheels used on the vehicle may protrude outside the contour of the fenders with a maximum of 50mm. Hubcaps must be removed during racing. Minimum wheel size 13 inches unless originally equipped with smaller wheels and vehicle is equipped with original engine. The thread engagement on all wheel studs to the lug nut must be equivalent to or greater than the diameter of the stud. Length of the stud does not determine permissibility; length of the engagement between the stud and lug determines permissibility. See General Regulations 5:2.

## **Interior 6**

### **Upholstery**

No bare panelling allowed. Upholstery must stay in a street legal appearance.

All holes and sharp edges must be covered, doors must be covered.

### **Seats**

Passenger seat and rear seats may be removed for racing. See general regulation 6.2, 6.3 and electrical 8.1

## **Bodywork 7**

### **Body**

Bodywork may be modified, but stay in a street legal appearance . The modified body must have a similar appearance as the car specified on the vehicle's registration papers. All modified panelling ( fenders, hood and trunk lids) may be made of fibreglass(gfk). Fibreglass doors only allowed if roll cage is installed.

Customizing, chopping, channeling, etc. permitted, but must retain full-bodied appearance with minimum 2 functional doors. Doors must open and close from inside and outside.

### **Windshield**

The windshield must be in good condition. Any kind of damage, tear or cracks prohibited. Glass may be replaced with Lexan or other shatterproof material, minimum thickness 1/8-inch. Side windows need not be operative, but must be in fully closed position for run. See general regulations 7.7 and 7.8.

### **Competition numbers**

See General Regulations 7:2.

### **Firewall**

Mandatory. See General Regulations 6:1, 7:4.

## **Electrical 8**

### **Battery**

The battery must be solidly mounted outside of the drivers compartment.

Exception for vehicles which have the battery factory wise installed within the drivers compartment ( VW beetle, BMW vehicles). If rear seat is removed during racing, battery must be installed in closed container with ventilation outside the body.

### **Ignition**

Two steps, rev limiters, etc. permitted. Two steps, rev limiters, or any other rpm-limiting device, legal unto themselves but altered and/or installed so as to function as a downtrack rpm controller, prohibited. See General Regulations 8:1, 8:3, 8:4, 8:5.

### **Master cutoff**

Mandatory on any car running 9.99 or quicker, or 135 mph or faster, or on any car where battery is relocated to trunk area of vehicle. See General Regulations 8:4.

### **Lighting**

All factory lighting equipment, windshield wipers and windshield defrosting system must be fully functional during racing. I.e. no removing of lights allowed!

## **Support systems 9**

### **Computers**

Only factory installed computer systems permitted . See general regulations 9.1, 9.2 and 9.9.

### **Fire extinguishers**

Only properly installed, solidly mounted fire extinguishers permitted . See general regulations 9.3.

### **Tow vehicles**

Prohibited.

### **Warm-ups**

See General Regulations 9:4, 9:12.

## **Driver 10**

### **Credentials**

All drivers running 10.00 seconds or slower must have valid state- or government-issued driver's license. All drivers running 9.99 seconds or quicker must have valid competition license. See General Regulations 10:4.

### **Protective clothing**

Protective jackets, trousers, gloves, overalls, socks and shoes meeting FIA test approval 2000 mandatory. See general regulations 10.10

### **Helmet**

All drivers must wear a helmet. Helmets must have a motor sport approval, and/or one of the following approvals:

ONS/OMK (Germany only)

ECE series 22/03 or 22/04 9europe)

SIS 88.24.11 (20Sweden)

NF S 72.3059 (France)

DS 2124.1 (Denmark)

SFS 3653 (Suomi, Finland)

B.S.I.BS 6658-85 type A/FR (GB)

Snell foundation SA 95, SA 90, SA 2000

SFI 31.1 (open face type)

SFI 31.2( closed face/ integral type)  
See also general regulations 10.7

**Street Eliminator regulations are translated from the DMSB Modified Street rulebook, and must be seen as guideline.**

In case of technical conflicts we refer to the original regulations of DMSB(not for legal conflicts)