

Gas (G)

Multi class eliminator run on the dial your own system for pre 1980 American and specified pre 1972 Australian sedans capable of 10.99 or quicker (1/4 Mile), (Hot Rods, USA and Australian Muscle cars only) either carburetored, mechanically injected or supercharged, roots type superchargers only, (14/71 standard helix maximum, no screw type superchargers) methanol or petrol fuel only, no nitrous oxide. Some other vehicle makes or models reminiscent of the era may be deemed eligible to compete in this class upon submission of details and photos to CNDRA.

Class Designation: /G

Eliminator: Gas

Gas is open to all pre 1980 USA and specified pre 1972 Australian Produced sedans and their derivatives (see Aussie Muscle for acceptable vehicles), running quicker than 10.999. Dial-ins during competition must remain within the class limits. An Unlimited Licence is required for all cars, as a minimum. Four Wheel Drive (4WD) not permitted. The use of tender vehicles is permitted in Gas Eliminator.

Class Details:

A/Gas Unsupercharged sedans with engines of 8 or more cylinders.

B/Gas Unsupercharged 6 cylinder powered sedans.

AA/Gas Supercharged, turbocharged or nitrous oxide sedans with engines of 8 or more cylinders.

BB/Gas Supercharged, turbocharged or nitrous oxide 6 cylinder powered sedans.

Class Regulations

Engine

Electronic Management: Refer "Electronics Policy".

Engine: Automobile type engines required in original position, any modification permitted.

Fuel: All classes restricted to alcohol or petrol only

Liquid Overflow: Required

Supercharging: Supercharging, turbocharging or nitrous oxide injection is Permitted (one form only permitted).

Body and Chassis

Batteries: Refer General Regulations.

Body: Any body produced by an appropriate automobile manufacturer is acceptable. Fibreglass replica bodies may be permitted. The replacement of removable panels with fibreglass or other materials is permitted, but no external panels such as bonnet or fenders may be removed. Panel vans, station wagons and utilities, are permitted. All doors must be operative and the front doors must be unlocked at all times during competition

Chassis: May be fully fabricated.

Upholstery: Upholstered front seat and door trims required (door trims may be aluminium).

Wheelbase: Cars from 2006.6mm (79 inches) - 2260.6mm (89 inches) are restricted to a maximum of blown sixes up to 250 cubic inch capacity or single four barrel V8's to 310 cubic inches. Such cars must have full roll cage and wheelie bars.

There are no restrictions on vehicles above 89 inches (2260.6mm).

Wheelbase variation from left to right, maximum of 25mm (1 inch).

Wheels and Tyres: Rear tyres are limited to a maximum width of fourteen (14") inches (350mm). Rear track widths may not protrude more than six inches(6") (150MM) outside body line of vehicle. Refer General Regulations

Windshield and Windows: Must be in good condition and need not be operative. All non-operative windows must be permanently closed. Plexiglass of a minimum of 3mm (1/8 inch) thickness may be used in any window to replace original glass. Other than factory tint, front windscreens must be clear on all vehicles.

Drive Train

Auto Trans/Converters: Refer General Regulations

Clutch: Multi stage/Lock-up clutches prohibited. Clutch must be manually operated by the driver's foot. Electronics, pneumatics, hydraulics or any other device may in no way affect the clutch system, and the throw out bearing must release all fingers, levers or stages simultaneously. Staged or variable release clutches of any description prohibited.

Drive Line: Refer General Regulations.

Flywheel: Refer General Regulations.

Superchargers: Maximum 14/71 Roots Type, overdrive restrictions may apply for parity, no screw type. Please review notes on superchargers, section 6.12.

Rear Axle: Spools permitted. Four wheel drive not permitted. Refer General Regulations.

Transmission: Transmission must remain in conventional location determined by engine used. Production automobile transmissions of any year, make, model or ratio only permitted. Lenco transmissions to a maximum of three (3) forward gears also permitted.

Brakes: Four wheel hydraulic brakes required as minimum. Refer General Regulations.

Suspension: Each car must have suspension front and rear and be equipped with at least one effective shock absorber per wheel. Excessive lightening of suspensions and steering parts by cutting or machining is prohibited. Raising or lowering permitted. Refer General Regulations

Traction Bars: Traction bars if used may not be longer in overall length than one-half of the wheelbase of the car on which they are installed, and no portion of them may extend lower than the level of the lower edge of the rear wheel rim.

Driver and Safety

Arm Restraints/Window Nets: Refer General Regulations

Delay Devices: Not permitted. Refer General Regulations, Electronics

Driver Position: The driver shall be in the standard position, left or right hand drive permitted.

Helmet: Required. Refer General Regulations

Licence Requirements: Dependent on vehicle ET Refer General Regulations.

Neck Collar: Required in all vehicles quicker than 7.50 seconds (1/4 mile)/4.90 seconds (1/8 mile).

Night Lighting: Required. Refer General Regulations.

Parachute: Compulsory on all vehicles exceeding 140 mph (224 kph). Refer General Regulations

Protective Clothing: Required. Refer General Regulations.

Roll Bar/Cage: Refer General Regulations, Roll Cage section.

Safety Belts: Required. Refer General Regulations.

Self Starting: Required. Push starts not permitted.

Technical Inspection. Required. Refer General Regulations.