

American/USA Muscle

“Dial your own” eliminator for all pre 1980 USA origin sedans, utes and vans, convertibles of sedan type vehicles may compete in this class but must run with the roof up. Some later model vehicles may be deemed eligible to compete in this class upon application to CNDRA.

Class Designation: US/M

Eliminator: American Muscle

American Muscle is open to all pre 1980 USA Produced sedans and their derivatives, running no quicker than 11.00 seconds 1/4 Mile. Dial-ins during competition must remain within the class limits. A Super Street Licence is required for cars running quicker than 11.99 (1/4 mile) 7.70 (1/8 mile), as a minimum. Four Wheel Drive (4WD) not permitted. The use of tender vehicles, is not permitted in American Muscle Eliminator.

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), but must be contained under fully closed bonnet (Rootes type may protrude).

Body and Chassis

Batteries: Refer General Regulations.

Body: Any body produced by an appropriate automobile manufacturer is acceptable. Fibreglass replica bodies permitted on street registered vehicles. The replacement of removable panels with fibreglass or other materials is permitted, but no external panels such as bonnet or fenders may be removed. Sedans, panel vans, utilities, etc. are permitted.

Convertibles of sedan models are acceptable but must compete with the top up. All doors must be operative and the front doors must be unlocked at all times during competition

Chassis: Must be OEM or exact replica.

Upholstery: Full upholstery required.

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).

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.

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.

Wheels and Tyres: All track widths must remain inside body line of vehicle. Refer General Regulations

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 & 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.

Self Starting: Required. Push starts not permitted.

Safety Belts: Required. Refer General Regulations.

Technical Inspection. Refer General Regulations.