



# SUPER SEDAN

## CLASS REGULATIONS

Effective November 2022

Caters for a wide range of sedans based vehicles running in Sportsman. This bracket is for sedans nominating to run between 8.50 sec and 10.99sec 1/4 mile, using the "Dial Your Own" handicapped system. All Run

All competitors must comply to all Safety and General Regulations

Super Sedan Licence Required - Medical Required (valid for 3 years if under 50, otherwise 2 years)

IHRA Technical Inspection Required (includes logbook) one logbook per vehicle.

30310	Class Reg	SUPER SEDAN	Body	Body	Made by automobile manufacturer.	Allowed
30320	Class Reg	SUPER SEDAN	Body	Body	Replica made of fibreglass.	Allowed
30330	Class Reg	SUPER SEDAN	Body	Body - panels	If not pre 1948 and Hot Rod, then external panels including bonnet and fenders removed.	Forbidden
30340	Class Reg	SUPER SEDAN	Body	Body - panels	If pre 1949 and Hot Rod, then external panels including bonnet and fenders removed.	Allowed
30350	Class Reg	SUPER SEDAN	Body	Body - panels	Removable panels replaced with fibreglass or other materials.	Allowed
30360	Class Reg	SUPER SEDAN	Body	Body - roof	If convertible type vehicle, then roof closed during competition.	Mandatory
30370	Class Reg	SUPER SEDAN	Body	Body - tailgate	If tailgate fitted, then closed during competition.	Mandatory
30380	Class Reg	SUPER SEDAN	Body	Doors	Allow entry and exit from both sides of vehicle.	Mandatory
30390	Class Reg	SUPER SEDAN	Body	Body - Doors	At least two doors, both operable.	Mandatory
30400	Class Reg	SUPER SEDAN	Body	Body - type	Sedan, panel van or utility.	Allowed
30410	Class Reg	SUPER SEDAN	Body	Windows	Not operable	Allowed
30420	Class Reg	SUPER SEDAN	Body	Windows	Closed at all times during event.	Mandatory
30430	Class Reg	SUPER SEDAN	Body	Windows	Condition is good.	Mandatory
30440	Class Reg	SUPER SEDAN	Body	Window	Original glass replaced with polycarbonate, at least 3 mm (1/8 inch) thick.	Allowed
30450	Class Reg	SUPER SEDAN	Body	Windshield	Condition is good.	Mandatory
30460	Class Reg	SUPER SEDAN	Chassis / Frame	Chassis / Frame	If OEM engine and drivetrain, then 4-wheel drive	Allowed
30470	Class Reg	SUPER SEDAN	Chassis / Frame	Chassis	Additional members added for purpose of installation of roll cage and/or strengthening.	Allowed
30480	Class Reg	SUPER SEDAN	Chassis / Frame	Chassis - frame	Replaced or modified and correctly reinforced.	Allowed
30490	Class Reg	SUPER SEDAN	Chassis / Frame	Brakes	Hydraulic and two wheel.	Mandatory
30500	Class Reg	SUPER SEDAN	Chassis / Frame	Shock absorbers - Front	A minimum of one, per wheel.	Mandatory
30510	Class Reg	SUPER SEDAN	Chassis / Frame	Shock absorbers - Rear	If suspension installed, a minimum of one, per wheel	Mandatory

30520	Class Reg	SUPER SEDAN	Chassis / Frame	Suspension - Front	Front suspension installed	Mandatory
30530	Class Reg	SUPER SEDAN	Chassis / Frame	Suspension - Rear	Rear suspension optional	Allowed
30540	Class Reg	SUPER SEDAN	Chassis / Frame	Suspension	Lightening, if OEM components.	Forbidden
30550	Class Reg	SUPER SEDAN	Drivetrain	Rear axle	Track has been narrowed.	Allowed
30560	Class Reg	SUPER SEDAN	Drivetrain	Rear axle	Spool fitted.	Allowed
30570	Class Reg	SUPER SEDAN	Drivetrain	Rear axle	OEM automobile, production assembly.	Allowed
30580	Class Reg	SUPER SEDAN	Drivetrain	Transmission	Any transmission permitted	Mandatory
30590	Class Reg	SUPER SEDAN	Engine	Engine	Any engine location.	Allowed
30600	Class Reg	SUPER SEDAN	Engine	Engine	Any engine modifications.	Allowed
30610	Class Reg	SUPER SEDAN	Engine	Engine	Engine automobile type.	Mandatory
30620	Class Reg	SUPER SEDAN	Engine	Exhaust - diffuser bolts	If turbocharged and no muffler, then 2 bolts of 3/8 inch (10 mm) diameter inserted across the diameter of turbine outlet pipe, at right angles to each other.	Mandatory
30630	Class Reg	SUPER SEDAN	Engine	3.5 Super Sedan Eliminator	Open exhaust	Allowed
30640	Class Reg	SUPER SEDAN	Engine	3.5 Super Sedan Eliminator	Gases must not be directed at track surface.	Mandatory
30650	Class Reg	SUPER SEDAN	Engine	Exhaust	Directs gases outward and to rear of vehicle.	Mandatory
30660	Class Reg	SUPER SEDAN	Engine	Engine - Fuel System -EFI	Aftermarket EFI.	Allowed
30670	Class Reg	SUPER SEDAN	Engine	Fuel Grade	Petrol, ethanol, LPG, diesel or methanol.	Mandatory
30680	Class Reg	SUPER SEDAN	Interior	Upholstery	Any upholstery fitted	Allowed
30690	Class Reg	SUPER SEDAN	Support Group	Electronic Management	If original engine and drivetrain in use and OEM equipment / systems to control steering, brakes, fuel/ignition systems or automatic transmission.	Allowed
30700	Class Reg	SUPER SEDAN	Support Group	Support Group	If competition vehicle fitted with parachutes, then tender vehicle.	Allowed
30710	Class Reg	SUPER SEDAN	Support Group	Support Group	If competition vehicle racing in semi-finals or finals, then tender vehicle.	Allowed
30720	Class Reg	SUPER SEDAN	Vehicle	Wheelbase - variation	The wheelbase variation from left to right is no more than 25 mm (1 inches).	Mandatory
30730	Class Reg	SUPER SEDAN	Vehicle	Wheelbase	Alterations to wheelbase.	Allowed
30740	Class Reg	SUPER SEDAN	Vehicle	Wheelbase	If less than 89 inches (2260 mm), then full roll cage and wheelie bars.	Mandatory
30750	Class Reg	SUPER SEDAN	Vehicle	Wheelbase	If less than 89 inches (2260 mm), then maximum engine size of 250 cubic inches for supercharged 4 and 6 cylinder OR 310 cubic inches, naturally aspirated V8 with single, 4-barrel carburettor.	Mandatory
30760	Class Reg	SUPER SEDAN		Race Procedure - Start	Full tree - dial your own index	Mandatory
30770	Class Reg	SUPER SEDAN		Class Description	Sedan type vehicle with an elapsed time between 8.50 seconds (1/4 mile) / 5.72 (1/8 mile) and 10.99 seconds (1/4 mile) / 6.99 seconds (1/8 mile).	Mandatory
30780	Class Reg	SUPER SEDAN		Class Designation	If naturally aspirated and 8 or more cylinders, then SS/A.	Mandatory
30790	Class Reg	SUPER SEDAN		Class Designation	If naturally aspirated and 6 cylinders or rotary type engine, then SS/B.	Mandatory
30800	Class Reg	SUPER SEDAN		Class Designation	If naturally aspirated and 4 cylinders, then SS/C.	Mandatory
30810	Class Reg	SUPER SEDAN		Class Designation	If supercharged or turbocharged or nitrous oxide injected and 8 or more cylinders, then SS/AA.	Mandatory

30820	Class Reg	SUPER SEDAN		Class Designation	If supercharged or turbocharged or nitrous oxide injected and 6 cylinders or rotary type engine, then SS/BB.	Mandatory
30830	Class Reg	SUPER SEDAN		Class Designation	Bracket Designation SS	Mandatory
30840	Class Reg	SUPER SEDAN		Class Designation	If supercharged or turbocharged or nitrous oxide injected and 4 cylinders, then SS/CC.	Mandatory
30842	Class Reg	SUPER SEDAN		Class Designation	Vehicles 8.50 - 10.99. All racing will be DYO on a sportsman tree, and will run elimination format	Mandatory
30843	Class Reg	SUPER SEDAN		Class Designation	Qualifying runs under 8.50 will be seeded at bottom of field	Mandatory
30844	Class Reg	SUPER SEDAN		Class Designation	During Eliminations minimum dial-in is 8.50.	Mandatory
30845	Class Reg	SUPER SEDAN		Seeding	Refer to IHRA seeding sheets available at <a href="https://www.ihra.com.au/IHRA-seeding-sheets.html">https://www.ihra.com.au/IHRA-seeding-sheets.html</a>	Mandatory