



**AMSAG INC.**

**ADDENDUM 1**

**SAFETY & ELIGIBILITY REGULATIONS\***

**SOUTHERN CROSS RALLY SERIES**

**MARCH 1998 – Updated January 2008**

**ELIGIBILITY**

**1 Vehicle Eligibility, classics**

Vehicle must be road registered and the engine and chassis numbers must agree with that shown on the certificate of registration.

First Vehicle of model type must have been first manufactured prior to 31 December **1990** irrespective of the date of the actual vehicle being entered, -e.g. **VN Commodores with plates dated 1988 to 1991 are eligible but a VP Commodore with a 1991 plate is not. (unless in post modern class)**

Engine configuration must remain original to Vehicle, i.e. 4 cylinder car cannot be fitted with rotary or V8 Engine

Engine must come from same manufacturer i.e. a Datsun-1600 must have a Datsun (Nissan) engine;

Forced Induction is not allowed; unless in MT4 class post 1990 class

Vehicles to be 2WD unless in class MT4 late model class

Fuel Injection is allowed

**Engine management systems are free.**

Subject to Vehicle presented for the event being road registered and the engine and chassis numbers agree with those shown on certificate of registration and vehicle otherwise complies with the AMSAG Rally Regulations & any Supplementary Regulations for the event other modifications to the Vehicle are free. All vehicles are recommended have an engineers report approving all modifications, **and the report number should appear on the vehicles registration papers.**

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## 2. Class (late model) post 1990

This class is specifically for vehicles which do not comply with the Classic vehicle eligibility criteria but are road registered & all appropriate safety equipment. E.g. Turbo Charged 4wd rally cars can compete & fwd late models etc only score class points and outright in modern series only.

**Category MT4 :All forced induction and/or 4 wheel drive vehicles. 4wd turbo cars must have a restrictor fitted of no more than 34mm. This will be checked at pre-event scrutineering before an event.**

## 3. Class Eligibility

A 1 mm overbore is allowed consistent with normal reconditioning of engines, e.g. Galant 1498cc std. + 1MM Overbore = 1540cc is still allowed to compete in Class A ( 0 -1500)

**The classes for AMSAG Classics Series are as follows:**

**Class A: 0-1500cc**  
**Class B: 1501-1800cc**  
**Class C: 1801-2100cc**  
**Class D: 2101-3000cc**  
**Class E: 3001 and over**  
**Class U: Unclassified**

**The classes for AMSAG Modern Series are as follows:**

**Class MA: 0-1500cc**  
**Class MB: 1501-1800cc**  
**Class MC: 1801-3000cc**  
**Class MD: 2101-3000cc**  
**Class ME: 3001 and over**  
**Class MT4: Modern Turbo 4wd (All forced induction and /or 4wheel drive vehicles)**

## 4. Review

**A review of these Vehicle Eligibility regulations shall be conducted prior to the commencement of the 2008 Southern Cross Rally Series.**

## **SAFETY**

### 5. General

All Vehicles must be presented in a neat and well finished standard.

All Vehicles must be fitted with some form of protection between engine and drivers compartment suitable and sufficient in the case of fire for preventing passage of fire

All Vehicles must be fitted so that all fuel tanks have filling orifice external to body work and are vented external to body work. If the filling orifice is internal to the body work it must be outside the passenger compartment and

- i) The fuel tank must be vented external to the body work;
- ii) The fuel filler must be constructed so that any fuel spilled may drain safely outside the vehicle;  
and
- iii) If the filling orifice is located within the body work it must be fitted with a catch tray to satisfaction of the Chief Scrutineer.

A flame and liquid proof bulkhead (which may be of transparent material) must be fitted to effectively separate the crew member's compartment (cockpit) from any component of the fuel tank or refueling system.

Liquid pipes may pass through the cockpit but they may not have any connection in the cockpit save for brake pipes and all pipes must be properly protected and secured.

Only Commercially available fuel may be used, being a motor fuel produced by an oil company and currently distributed in accordance with Government Regulations, **the use of AVGAS is strictly prohibited.**

Additional fuel containers which are not part of the piped fuel system must not be carried at all during any competitive stage and if carried during a transport stage must not be carried in the passenger compartment and must be securely fastened in an upright position.

All lamps fitted must comply with relevant Government regulations. Existing lamps may be removed and replaced by other units provided their position remains unchanged. All forward facing headlamps except outer pair on low beam must extinguish when headlamps dipped. Extra or replacement reversing lamps can be fitted provided that if actuated manually a warning lamp energised together with the lamps is fitted within sight of driver and the fitment of the lamps otherwise complies with relevant Government regulations

Only the following vehicle accessories are to be installed in the cockpit (to be properly secured to satisfaction of the Scrutineers).

- i) Spare wheel (s)
- ii) Spare parts (not including differential, gearbox or any part which is bulky and unable to be properly secured)
- iii) Communication and navigation equipment
- iv) Ballast & windscreen container
- v) Battery installed in a non corrosive box (gell type)
- vi) Fire extinguisher(s)
- vii) First Aid Kit and Triangles,

Seats and mountings are free provided that they comply with all Government regulations and are properly secured

A fly off handbrake may be installed although a functional mechanical handbrake is recommended to be operational as well

An effective exhaust muffler must be fitted at all times. The maximum noise emission is 96dB(A). The exhaust system must exit the rear of the vehicle within 10 degrees of the horizontal

Mud Flaps of stout material must be fitted behind the driving wheels and in the case of front wheel drive behind all four wheels

A triangle ( blue) of at least 120mm sides to be fixed on outside of body identifying location of battery.

Front opening bonnets to be fitted with secondary locking device; i.e. Bonnet pins or like device.

A maximum of 2 air vents are permitted to be installed in the roof of a vehicle provided they are installed in the front 1/3 rd of the roof and the vertical opening does not exceed 100mms.

## 6. Harnesses

All vehicles to be fitted with a minimum 4 point harness complying with at least the requirements of AS 2596 / AS E 35 standard. It is recommended that a 6 point 3inch harness be used. The harness must be worn during all competitive stages. It must be securely mounted on at least 4 points. The shoulder straps mounted behind the driver must be above the line drawn downward from the shoulder at an angle of 35 degrees to the horizontal. The mounting of the points must be:

- i) Floor mounting points must be reinforced with a plate of at least 75mm x 50 mm x 3mm on the underside of the body. The corners of these plates shall have a minimum radius of 5mm and all edges adjacent to the sheet metal shall be chamfered (rounded);
- ii) Rear mounting points must be to a substantial part of the body as reinforced appropriately:
- iii) It is allowable to use original mounting points.

It is recommended that all vehicles retain original standard seat belts and these be used for all occasions other than during competitive stages to comply with appropriate government regulations

## 7. Roll Cages

All vehicles must have installed a full roll cage to an approved standard being that consistent with the standard of roll cages produced and installed commercially for motor sport ,eg,minimum 2.5mm wall CDS steel tube 38mm bars and 41 mm-44mm hoop 6point cage

## 8. Safety Equipment

The following equipment is to be carried in the vehicle at all times during the event:

- i) At least two reflective or fluorescent triangles of sides at least 350mm in length and must be displayed in cases where a stationary car could be a hazard to road uses by placing at least one triangle at lest 70m from the stationary vehicle in the direction towards the oncoming traffic;

ii) A (red) fire extinguisher complying with AS 1846 or AS 1848 of at least 2kg capacity (or two 1kg Fire extinguishers) properly secured in the cockpit of the vehicle in reach of at least one crew member .in a seated position

iii) A first aid kit (to be installed in a visible and accessible position in the cockpit of the vehicle) consisting of at least: elastic bandage 80mm x 50mm, light surgical dressings, tissues ( small box), adhesive tape 25mm roll, and first aid booklet .

**All vehicles will be required to have first aid kits to contain the following:**

2x extra large universal accident dressings

2x large open weave bandages

2x medium open weave bandages

1x pair dressing scissors

1x roll adhesive tape

6x safety pins

1x large burn dressing with a non adhesive surface

1x thermo accident blanket

1x aluminium foil dressing

2x medium combination pads

6x adhesive plaster strips

1x triangular bandage

2x sterile eye pads

1x first aid manual

iv) A UHF radio ,may be hand held unit of more than 5 watts

v) Towing and de ditching gear to be fitted to vehicle at convenient locations front and rear (preferably two towing points front & rear)

vi) Fitment of laminated windscreen .

**9. Apparel**

It is compulsory an all competitive stages for each crew member to wear helmet of a standard approved by the Chief Scrutineer being to a minimum standard as follows:

i) Bearing marks of approved standards of any of the following:

AS 1698

Snell 1980, 1985, 1990

SIS 88.24.11 (2)

DS 2124.1

FS 3653

ONS/OMK

BSI BS 2495-1977

BS 6658-85 Type A

NF S 72 305

E 22

ii) The Helmets must be in a good state of repair and not been painted other than as provided in original condition

All crews are required to wear apparel covering them from neck to ankle including socks, shoes and shirt with at least long sleeves. For crews competing in vehicles in which fuel pipes pass through the cockpit or in which the fuel tank is installed in the passenger compartment it is recommended that the crews wear flame resistant apparel covering them from neck to ankle and long sleeves. It is recommended that crews not wear any apparel of flammable material i.e. nylon or similar synthetics during an event.

All vehicles are required to present at pre event scrutineering in ready to rally condition.

By Order Executive

AMSAG Inc. – **January 2008**