

# ATR

**Australian Tarmac Rally**

## TECHNICAL & SAFETY REGULATIONS

### TOUR VEHICLES

Season **2024** Edition



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## **WARNING!**

Motorsport is dangerous.

Motorsport activities are inherently dangerous recreational activities, and there is a significant risk of injury, disability, death or property damage. If you do not wish to be exposed to such risks, then you should not attend or participate in Motorsport activities.

Participants, spectators, officials and guests are warned that motor racing, including tarmac rally, is dangerous, and accidents can happen. All care is taken to protect participants, officials, spectators, guests and the public but participants, spectators, and guests entering the Event area are warned that there is a possibility of an accident, causing personal injury or death, property damage or economic loss. By entering or participating in an Event, the participant or guest acknowledges that the Event has a degree of danger and the owners, organisers, promoters, participants or other persons having any connection with the promoting, organising or conduct of the Event shall have no liability, either in tort or contract, for any personal injury or death, whether caused by negligence or otherwise, to the participant, spectator or guest, except in regard to any rights those persons may have under the Australian Consumer Law and at law.

The Event will be conducted under the rules of the Australian Auto Sport Alliance Pty. Ltd. The organisers by accepting the entry of any vehicle and by allowing any vehicle to participate in the Event shall not be deemed to warrant or guarantee the competency of any drivers, nor mechanics participating in the Event nor any officials appointed for the supervision of the Event or activity pursuant to these rules, nor the efficiency or mechanical soundness of any vehicle entered in the Event nor that the course for the Event is in a safe condition for racing or driving, nor that such course nor any part thereof shall be free from spectators or any obstacles nor that the rules governing said Event shall be observed by any other entrant, driver, mechanic nor official therein.

## ALL VEHICLES & CREW REQUIREMENTS

### 1 Numbers and Signage

- 1.1. All vehicles must keep the left and right front doors available for door panels and numbers, which will be supplied by the organisers. A space of 200mm x 200mm must also be left for smaller numbers without background panels to be fitted to the side screens of the vehicle. **Refer to Event Supplementary Regulations.**
- 1.2. All vehicles must keep a space 200mm high across the top of the windscreen available for sponsor banner. **Refer to Event Supplementary Regulations.**
- 1.3. Signs from sponsors or supporters of individual cars may be displayed on the vehicle, provided they do not interfere with the door or windscreen panels mentioned in 1.1 and 1.2 above, and are printed and applied in a professional and tasteful manner and are not in conflict with any sponsors of the Event. The organisers reserve the right to have any advertising they consider distasteful or inappropriate removed from a competing vehicle before it is permitted to start. The Penalty for infraction - NO START
- 1.4. The organisers reserve the right to provide additional Event sponsor decals and require them to be displayed prominently on all vehicles.
- 1.5. Driver and Co-Driver/Navigator names may be displayed on both sides of the vehicle, on the rear side glass, or on the upper part of the front mudguards. **Refer to Event Supplementary Regulations.**
- 1.6. No responsibility for any damage to vehicle paintwork during removal of Event signage will be accepted by The Organisers. The entrant agrees to and accepts this as a condition of acceptance of entry.

### 2 Vehicle Scrutiny

- 2.1. All vehicles must be "scrutineered" or be the subject of a safety check prior to starting in the Event. Vehicles must be presented to scrutineering in a roadworthy condition, fully compliant with all these regulations and all other requirements, during the scrutineering times posted in the Event schedule or posted on the website.
- 2.2. A vehicle may be inspected or re-scrutinised at any time during the Event to ensure that the vehicle is in an acceptable condition to continue, that all safety equipment is present, serviceable and correctly positioned, and that the eligibility of the vehicle remains unchanged.
- 2.3. All vehicles must pass scrutiny to be allowed to complete/continue to compete in the Event. If during the Event the Chief Scrutineer considers a vehicle to be non-compliant, he/she may direct it to be repaired before recommending that the Clerk of Course or an authorised official, approve its continuation in the Event.

### 3 Crew Requirements

- 3.1. All drivers & Co-Drivers must hold a current Civil Licence.
- 3.2. All crew must hold a current AASA Licence.
- 3.3. All cars may have a maximum of two (2) occupants (Driver & Co-Driver or Driver and Navigator).
- 3.4. Helmets

Drivers, Co-Drivers and Navigators must wear helmets and apparel that comply with the current Australian Standard and the AASA Regulations. Helmet and Apparel requirements in summary Helmets

A helmet complying with one or more of the following standards must be worn:

- Australian or NZ standard AS/NZS1698
- European ECE 022 with 04 or 05 amendments
- Snell SA2005, Snell SA2010, Snell SA2010H, Snell SA2015
- British Standard BS6658 A/FR
- SFI 31.1

It is recommended that all Drivers, Co-Drivers and Navigators wear an approved (FIA, SFI or similar) FHR frontal head and neck restraint system (HANS device)

***FHR is recommended but not a mandatory requirement for Experience/Tour participants.***

- 3.5. Apparel

Apparel complying to the requirements below must be worn:

- Non-flammable\* (i.e. natural fibre\*) clothing/apparel that covers the person completely from mid-neck to wrist to ankles. Alternatively, single or two-piece driving suits to SFI 3.2A Grade 1 / SFI 3.4. or recognised international equivalent.
- Socks of non-flammable material.
- Fully enclosed footwear with non-synthetic uppers and low heels. Footwear shall not
- extend above the general ankle area (i.e. no long boots). Boots for drivers should be
- close fitting.

\*Upon request by Event officials, the competitor must provide evidence that the material is of natural fibre or non-flammable. For a full list of all current requirements please refer to:

<https://aasa.com.au/regulations/appendices/> Item 4 – Apparel Requirements

## ALL VEHICLES TECHNICAL AND COMPULSORY

### 4 Technical Requirements for all Vehicles

#### 4.1 The Spirit of the Regulations

The spirit of the Regulations is to ensure that all vehicles compete in a safe environment and are mechanically sound.

These Technical Regulations are to be used in conjunction with AASA Standing Regulations for Tarmac Rallies, the AASA National Competition Rules (NCR's) and any specified Event documentation such as Supplementary Regulations and any further bulletins.

#### 4.2 Vehicle Eligibility

Each vehicle must have at least two seats.

Each vehicle must have been capable of achieving road registration when first released. ***THESE REGULATIONS DO NOT REMOVE THE REQUIREMENT TO COMPLY WITH ANY CIVIL OBLIGATIONS OR REGULATIONS, AND COMPLIANCE WITH ALL SUCH PROVISIONS IS THE RESPONSIBILITY OF THE COMPETITOR.***

#### 4.3 Roadworthiness and Road Registration

All vehicles must be the subject of a valid road registration or have a suitable permit (i.e. Temporary or Rally permit) from a competent civil authority for use on public roads. All vehicles must have a current third-party insurance policy, including where necessary, an extension for competition use relevant to state or territory requirements from the state of issue.

All statutory requirements relating to the use of such permits/registration must be met. ***Unregistered vehicles which are to compete in the Event, may obtain an unregistered vehicle permit by applying to Vic Roads.***

Left hand drive vehicles are permitted.

#### 4.4 Authority to enter vehicle

The vehicle must be entered by the bona-fide owner of the vehicle, or a person having the written authority of the bona-fide owner.

#### 4.5 Oil Leaks / Damaged Engine

If any official requests repairs to a vehicle to prevent or eliminate oil leaks or spillage, such repairs must be carried out to the satisfaction of the Chief Scrutineer. If a vehicle continues to leak or spill oil the vehicle may be refused permission to continue in the Event. Any Stage official is empowered to prevent, under the above circumstances, a vehicle from starting a stage.

On engines with a closed or recirculating crankcase ventilation system, a catch can is not required to be fitted. This system will be fitted as factory standard on any road car. In the absence of the above, an engine fitted with any crankcase breather/s discharging to atmosphere must have fitted to each breather a "catch can" or container (which must be visually empty at the start of each stage) The capacity of the catch can shall be a minimum of two litres. If a competitor damages an engine while driving (including in a transit stage) which results in an oil leak, they must immediately pull off the driving line and stop as soon as safe to do so.

#### 4.6 Headlamps & Lighting

Vehicles must have lighting and signalling equipment that complies with civil regulations applicable to the State or Territory where the Event takes place.

#### 4.7 Wheels & Tyres

Wheels and tyres shall be roadworthy. Tyres must be marked legal for road use.

Each tyre valve shall be fitted with a valve cap.

A maximum of one metallic spacer may be used behind each wheel.

#### 4.8 Fuel

Any commercially available fuel legal for use "on road" including ethanol blended is permitted to be used during the Event.

#### 4.9 Extensible Straps

Extensible straps (e.g. 'Octopus' straps) shall not be used to hold down objects of more than 100g mass inside the vehicle.

#### 4.10 Cameras

Cameras and video recorders may be fitted to vehicles.

The mounting of any on-board camera shall be to AASA Regulations and approved by the Chief Scrutineer.

No camera may be fitted in such a way that it relies solely on a suction cup mounting.

#### 4.11 SRS Air Bags

Vehicles fitted with SRS (Supplementary Restraint Systems – airbags) must NOT have any equipment (including Rallysafe) mounted in front of the airbag.

#### 4.12 ECS & Anti-lock Brakes

Vehicles fitted with ESC or ABS (anti-lock brake systems) should not have these systems disconnected or deactivated.

Any road vehicle in sound and roadworthy condition should meet the above requirements.

## 5 All Vehicles – Compulsory Equipment

### 5.1 Fire Extinguishers – Non-Mandatory

Each vehicle is recommended to carry a hand-held extinguisher, if fitted the fire extinguisher shall meet the following criteria:

- Be suitable for use in motor vehicles.
- Be mounted so as to remain restrained when subject to a force of 25 times the gross weight of the container in any direction and be removable without the use of tools.

*Due to the widely varying structure of competition automobiles, advice is not provided as to the location of each fire extinguisher but is recommended to be within the cockpit, and consideration should be given to allowing access to the extinguisher.*

### 5.2 First Aid Kits – Non-Mandatory

Each vehicle is recommended to carry on board a first aid kit which can be easily accessed.

### 5.3 OK/SOS Signs

Each vehicle is required to carry an OK/SOS sign min. A4 size at all times

***OK/SOS signs are included in the road book, and are available at no charge from the organisers at the time of documentation/sign in.***

### 5.4 Seatbelts/Harnesses

All vehicles must be fitted with approved lap sash seat belts for each crew member as a minimum requirement.

Safety harnesses that comply with the requirements listed below are not mandatory but recommended.

Safety harnesses shall be marked as having compliance to one or more of the following standards:

- ECE 16 (European Standard)
- SFI 16.1 (SFI Standard)
- AS 2586 (Australian Standard)  
8853/98 or 8853-2016

Safety harnesses shall be mounted as per AASA requirements. Please refer to:

<https://aasa.com.au/regulations/appendices/> Appendix 5-Occupant

Restraint Systems

Any seat belt or harness showing visible signs of wear, damage or degradation will be rejected.

Seat belts or harnesses must always be worn when the vehicle is moving.



## 5.5 Seats

Vehicles must be equipped with minimum 2 seats (one for each occupant).

The material from which seats are manufactured is free, including carbon fibre and Kevlar, providing each seat is compliant with one or more of the following:

- The original seat as supplied by the OEM for the vehicle, or

- A seat licensed by the SFI Foundation to the SFI 39.2 standard, or
- A seat in compliance with the requirements of an internationally recognised motorsport sanctioning body, or
- A seat that has no provision for backrest adjustment, incorporates a head restraint and is supplied by a manufacturer recognised by the AASA.

Seats shall be mounted in accordance with the factory/OEM or seat manufacturer's instructions.

***For further information on seat requirements and the mounting of aftermarket seat, please refer to the AASA Standing Regulations for Tarmac Rally.***

## 5.6 Windscreen & Glass

Vehicles must be fitted with a laminated glass windscreen or a factory/OEM only non-glass windscreen. The use of silvered or tinted films is authorised on the side and rear windows only. Any film must comply with the vehicle regulations in the relevant state.

## 5.7 Safety Cage – Non-Mandatory

Safety Cages in compliance with AASA Safety Cage regulations are permitted.

## 5.8 Bonnet Restraints

Each vehicle must have at least two independent fastening systems, of adequate strength and limited extensibility, which simultaneously hold the bonnet closed. ***Factory/OEM bonnet catches with safety catch meet this requirement.***

## 5.9 Tow Point

To facilitate the ease of recovery of a vehicle, it is recommended that all cars be fitted with an easily identifiable tow point. Removable factory towing eyes shall be installed prior to the start of the Event.

## 5.10 Rallysafe

A Rallysafe device is compulsory for all vehicles, and will be provided, complete with temporary fitting kits, at no additional charge by the organisers at documentation.

Rallysafe temporary fitting kits connect to the OBD2 socket that is fitted as standard on most cars post 1996.

The temporary fitting kit includes a windscreen suction cup mount, therefore no holes will need to be drilled into the vehicle for fitment.

Vehicles without an OBD2 socket will require a Rallysafe wiring kit available from:

<https://shop.statusas.com/shop/category/rallysafe/>

The Rallysafe device must be fitted prior to scrutineering, and assistance for fitting will be available from an onsite official.

For further information on Rallysafe see: <https://rallysafe.com.au/competitors-tm/>

### 5.11 Compulsory Requirements Interpretation

Officials and Scrutineers shall be considered Judges of Fact in relation to all compulsory requirements. Whilst every attempt has been made to ensure these regulations reflect the provisions that will be in place at the time of the Event, the timing of the Event and publication of the Supplementary Regulations can make that difficult. Any changes made by AASA to the relevant provisions of the AASA Regulations shall supersede these requirements and in addition, the organisers reserve the right to amend the safety equipment to reflect such requirements.

### 5.12 General

The organisers reserve the right not to accept any crew, vehicle, or crew/vehicle combination. Acceptance of a vehicle or crew in one year does not necessarily mean that vehicle will be accepted in a following year/s.

For any and all Technical Regulation enquiries,  
please contact Australian Tarmac Rally on  
[info@tarmacrally.com](mailto:info@tarmacrally.com)

## 6 Change Log

### 6.1 Version 2024.1 Modifications

#### General Changes

Updated version numbering to meet new convention consistent across all documents.