



# Wheels & Tyres

## Appendix 7

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## 1. GENERAL

The following is a summation of the wheels and tyres policy relating to various Event types.

## 2. PRODUCTION CAR REQUIREMENTS

Manufacturer	Tyre
Achilles	123S
Bridgestone	RE540S, RE55
Continental	Conti Competition C1, Conti Contract ZR19
Dmack	DMT-RC
Dunlop	Formula 0, Formula W10, Formula R-D83J, D84J, D93J, D01J, DZ02G, DZ03G
Federal	595RSR, 595RSR-R, FZ201, FZ202 R Spec
Hancock	Ventus TDZ221, RS- 3
Hoosier	Street TD
Kumho	Ecsta V700, V70A
Michelin	Pilot Sport Cup, TB15
MRF	ZTD2, ZTW2, ZST, ZTR, ZTTc
Nankang	AR1
Ohtsu	Falken Azenis, Azenis RT215
Pirelli	P Zero C, P Zero Corsa
Silverstone	FTZ Sport Tyre RR, S575, S585
Toyo	Proxes RA-1, Proxes R888, Trampion R881
Yokohama	A021R, A032R, A038R, A039R, A048R, A050

Note: The AASA will monitor the use of tyre manufacturers and what is available within the market place, should you desire to use a tyre not listed above please contact the AASA Technical department for eligibility requirements.

## 3. OTHER EVENTS

In addition to the abovementioned, for other Events other than circuit racing any tyre certified and appropriately marked with an D.O.T., AS Standard or an E-Mark, shall be acceptable provided that the tyre complies with all other areas of this document.

Should tyres not comply with the abovementioned then please refer to the AASA Technical Department.

## 4. TRACTOR PULL REQUIREMENTS

- The tractor pull competition is open to pulling tractors with rubber tyres.
- No dual tyres, tyre studs, or chains permitted
- A limit of 30.5" is put on the width of tyres, rim diameter is limited to 32" on tyre widths over 24.5"



## 5. KARTING REQUIREMENTS

The tyres deemed suitable for Karting need to be referred to the category Regulations in which the kart is competing. In relation to Test n Tune then a tyre that is seen to be acceptable and has no physical signs of distress or excessive wear.

## 6. SPEEDWAY REQUIREMENTS

There are many tyres approved for speedway usage please refer to the category Regulations in which the vehicle is running.

## 7. DRIFTING REQUIREMENTS

Any radial tyre meeting the below treadwear requirements is acceptable for use at a drifting Event. Rear tyres are limited to a treadwear rating of 240 and above, whilst front tyres are limited to a treadwear rate of 140 and above. Tyres must be so stamped with a treadwear rate to be eligible.

Common manual variant weight	Maximum tyre width	Vehicle Models as an example
1100kg	195mm	Nissan S12 Gazelle; Toyota KE70/AE71/AE86; Toyota RT/ST142
1100kg - 1350kg	235mm	Mazda RX7 FC/FD; Nissan A31/C33/R31/R32 models; Nissan S13-S15 Slivia; Toyota MA61 Supra
1350kg - 1600kg	245mm	Ford EA-AU Falcon; Holden VS-VY Commodore; Nissan R33/R34/C34/C35 models; Toyota MA70/JZA80 Supra; Toyota JZX81/JZX90/JZX100/JZX110
1600kg & above	265mm	Ford BA-FG Falcon; Holden VZ-VE Commodore

## 8. OFF ROAD RACING REQUIREMENTS

All Off Road Racing vehicles shall:

- Prohibit the use of wire spoke wheels in all Off-Road Racing Events.
- Each rim width greater than 13" must be fitted with a device(s) to mechanically lock the tyre to the rim.
- Tyre valves must not project beyond the profile of the inflated tyre and must be fitted with sealed metal valve caps.

Generally, the wheels and tyres are free and therefore not specified under the AORRA/AASA rules. However, please refer to the Supplementary Regulations which may state otherwise.

## 9. OFF ROAD EXTREME EVENTS REQUIREMENTS

All Off Road Extreme Event vehicles shall:

- Wire spoke wheels are prohibited in all Extreme Event Off-Road competition.



- b) Each rim width greater than 13" must be fitted with a device(s) to mechanically lock the tyre to the rim.
- c) Tyre valves must not project beyond the profile of the inflated tyre and must be fitted with sealed metal valve caps.

The wheels and tyres are free, but certain competitions may require otherwise, please refer to the supplementary Regulations for the Event.

Event Type	Regulations	Specifications
Circuit Racing	Category Regulations	As per listing
Circuit Other	Category Regulations	Free
Speedway	Category Regulations	Free
Drifting	Category Regulations	Treadwear rear >240, front >140, Vehicle weight to width requirements
Karting	Category Regulations	Free
Extreme Event	Supplementary Regulations	Free
Off Road Racing	AORRA Rules	Free
Off Road Extreme Event	Supplementary Regulations	Free
Tractor Pull Event	DUMPTA Rules	Rim 32", Tyre width over 24.5"

## 10. FITMENT

The tyres shall be fitted in accordance with the manufacturer's specifications. Tread wear indicators shall be the indicative indicator of tread depth.

## 11. FITNESS FOR PURPOSE

Dependant upon the competition type the tyre must be fit for the purpose for which it is being used. For example, should a vehicle be used for practice or racing then each tyre must have tread in excess of the wear indicator at the commencement of competition.

## 12. RIMS

The maximum rim width will be specified in the category Regulations.

### 1) Racing Cars

- a) Up to and including 2000cc capacity 8.5" wide rims
- b) Over 2000cc capacity 10" wide rims

### 2) Other categories

- a) When a steel wheel centre supplied by an automobile manufacturer as original automobile equipment is used, any rim attached to such centre shall not be more than 2" wider than the originally fitted rim.



- b) When a steel wheel centre other than that supplied by an automobile manufacturer as original automobile equipment is used, no widening is permitted.
- c) For Extreme Events each driven wheel shall have an outer rim section of rolled metal, either steel or aluminium alloy. Fully cast alloy wheels are forbidden from this type of competition.

### 13. CONTROL TYRES

If a particular competition so specifies then a Control Tyre is one used by all competitors of that category or competition which is specified in one of the following: Category, Supplementary, Further or Special Regulations.

### 14. WET CONDITIONS

Under wet conditions the Clerk of Course may declare “slick/untreaded” tyres are not to be used at the commencement of competition.

### 15. TYRE PRESSURE CONTROL VALVES

The use of Tyre Control Valves which automatically inflate tyre pressure are forbidden in all types of competition.

### 16. VALVE CAPS

Each tyre shall be fitted with a tyre valve cap which prevents the loss of air pressure. With exception to Extreme Events whereby they can be used but must have a secondary device (such as race tape) to hold them on the driven wheels. Steel caps are forbidden in Extreme Events.

### 17. WHEEL WEIGHTS

In relation to Extreme Events, particularly burnout competitions wheel weights are forbidden on all driven wheels and must be removed prior to scrutineering.

### 18. WHEEL SPACERS

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

### 19. OTHER

For specific details regarding a category, please refer to the category Regulations for the Event or series. For all your AASA technical enquires please direct your questions to [tech@aasa.com.au](mailto:tech@aasa.com.au).