

Appendix A of SubiNats20 Supplementary Regulations



2020 SUBINATS RULES

These Rules have been formulated with the best interests of all competing car club members in mind, and with an emphasis on safety, competition and fun. The Rules are designed to assist in ensuring fair and equitable competition across all Classes. The "spirit" of the rules should be adhered to no matter how serious the competition seems.

AASA is the Australian Auto-Sport Alliance Pty Ltd and its NCRs shall apply to this event

Only current financial members of MA affiliated Car Clubs are eligible to compete.

Event Committee: Jonathon Graham, Brian Rusten, Dave Gillies, Angie Millin, Troy Patterson, Michael Walker, Paul Gooda, Jess Neil. Quorum is two.

RTA or RMS read motor vehicle registration authority of a State Government wherein a competing vehicle may be registered.

SubiNats 2020 shall include a Supersprint Event to be held at the Sydney Motorsport Park, Ferrers Road, Eastern Creek, NSW on Saturday July 18 and Sunday July 19, 2020.

The format shall see entrants competing on the Druitt (North) and Amaroo (South) Circuits on the Saturday and on the Gardiner (GP) Circuit on the Sunday. On the Saturday the field will be divided into two groups which will run simultaneously on the Druitt and Amaroo Circuits, changing over at the mid-day break

There will be 5 classes at the event. They are:

- Street
- Clubman
- Sprint
- Track
- Open

Champions in each class and overall will be determined by the addition of their best time from each circuit over the two days of competition.

The following apply to ALL SubiNats Classes.

- Non-genuine replacement parts such as air and oil filters, spark plugs, drive belts etc may be used without penalty provided they do not exceed the standard factory specification. The spirit of this ruling is to accommodate non-genuine parts, which do not enhance performance over standard but may be cheaper in cost;
- **OEM** is defined as an **O**riginal **E**quipment component or a functionally and mechanically identical part. The part may not provide any advantage either singly or in combination with any other component;
- **OEM** is also defined as 'Standard from factory' and may refer to dimensions. Swapping an original component with another non-equivalent but Subaru component is a modification;
- Braking system components are free of restriction; however brake callipers and rotor size may be pointed in SubiNats Class Calculator;
- Fuel surge tanks are free providing they meet relevant AASA/ MA specifications;
- Baffled and/or large capacity oil pans are free;
- If roll cages are fitted they must meet relevant AASA/ MA Specifications;

- Maximum tyre size is subject to Class;
- Cars in all classes must comply with MA / ASAA safety requirements;
- Subaru Cars will require lodgment of the SubiNats Class Calculator to qualify in Street, Clubman, Sprint, Track and Open Classes.
- The SubiNats Class Calculator shall form part of these Rules
- Cars in Street, Clubman, Sprint, Track and Open Classes must use Subaru engines.
- Cars marketed as Toyota 86 models will be deemed by these rules to be a Subaru BRZ

Driver Class Eligibility

- The use of professional or hired drivers is discouraged, and entries may be categorised on this basis. It is intended that the driver/entrant of each car shall be the owner. Drivers who regularly drive or double enter in a vehicle in club competition shall be deemed to be the owner. Cars entered and not to be driven by the owner shall compete in Open Class.

Street Class

- This Class is open to Subarus which comply with the modification restrictions as defined in these rules and score **250 points or less** on the SubiNats Class Calculator;
- Subaru Brumby or other commercial vehicles are not eligible;
- "STi" or "WRX by STi" variants are not eligible;
- Only OEM or alternate Subaru Turbos may be fitted
- Cars must retain both front seats. The passenger seat must be a proper seat complying with RMS requirement;
- A Race seat is allowed as a replacement of the driver's seat;
- Fuel 100RON or lesser pump fuel only. Ethanol based fuel not permitted
- Carbon fibre / composite (or similar) panels and/or major components are not permitted
- Weight removal for safety or scrutineering is not penalised. Jack, spare wheel, tools and similar will be required to be removed;
- The rear seat squab and cushion may be removed without penalty; to allow the unimpeded installation of Harness/Harness Bar connections
- Limited items from Weight Saving section of the SubiNats Class Calculator are permitted;
- Cosmetic aero devices only are permitted. Such devices are to be cleared with the Event Sub-Committee;
- Cars in this class must use commercially available Street Tyres not wider in section width than **245mm or 20mm** over OEM, whichever is the greater, as described in Appendix Z; **R Spec** and **Slick** tyres are not permitted
- Cars are not required to be road registered but if not, must in the opinion of the Event Committee, meet the requirements of registration.;

Clubman Class

- This Class is for all Subarus complying with the modification restrictions as defined in these rules and which score between **251 and 375 points** on the SubiNats Class Calculator;
- Subaru Brumby or other commercial vehicles are not eligible;
- Pump Fuel 100RON permitted and OEM or alternate Subaru Turbos may be fitted. EITHER Aftermarket Turbo OR Ethanol (E85) Fuel may be used as an option. If both E85 and Aftermarket Turbo are used the vehicle will move to Sprint Class if pointed in Clubman.

- Cars must retain both front seats. The passenger seat must be a proper seat complying with RMS requirements;
- A Race seat is allowed as a replacement of the driver's seat;
- Carbon fibre / composite (or similar) panels and/or major components are permitted if there is no material weight difference compared to OEM;
- Weight removal for safety or scrutineering is not penalised. Jack, spare wheel, tools and similar will be required to be removed;
- The rear seat squab and cushion may also be removed without penalty; to allow the unimpeded installation of Harness/harness bar connections
- Limited items from the Weight Saving section of the SubiNats Class Calculator are permitted;
- Cosmetic aero devices are permitted and in addition a single plane rear deck spoiler/wing of similar or lesser dimensions to OEM and mounted not higher than 100mm above OEM at the highest point is permitted.
- Cars in this Class must use commercially available **Street Tyres** not wider in section width than **255mm or 30mm** over OEM, whichever is the greater, as described in Appendix Z; **R Spec** and **Slick** tyres are not permitted
- Cars are not required to be road registered but if not, must in the opinion of the Event Committee, meet the requirements of registration.

Sprint Class

- This Class is for all Subarus which score between **376 and 500 points** on the SubiNats Class Calculator;
- Cars in this Class must use commercially available, **Street** tyres not wider in section width than **255mm or 30mm** over OEM, whichever is the greater, as described in Appendix Z. **R Spec** and **Slick** tyres are not permitted.

Track Class

- This Class is for all Subarus which score between **501 and 625 points** on the SubiNats Class Calculator;
- Cars in this Class must use commercially available, treaded, **Street** or **R spec** tyres as defined in Appendix Z. Slick tyres are not permitted.

Open Class

- This Class is for all Subarus which score over **626 points** on the SubiNats Class Calculator;
- For cars in this Class tyre specification is free. Cars running slick tyres will be required to be fitted with a roll cage.

AWARDS

At the conclusion of competition trophies will be awarded as follows:

Amaroo (South) Circuit

- There will be an award for fastest time in each class

Druitt (North) Circuit

- There will be an award for fastest time in each class

Gardner (Grand Prix) Circuit

- There will be an award for fastest time in each class.

Class Overall Results

- 1st, 2nd & 3rd place Trophies shall be awarded to each class based on combined best times from each of three Circuit

SubiNats Champions

- 1st, 2nd & 3rd places shall be awarded on combined best times from each Circuit

RULES APPENDIX Z

TYRES

Event Committee will endeavour to seek information from manufacturers and importers about their tyres and make a declaration as to in which Class it may be used. queries to - motorsport@wrx.org.au

The tread wear indicators as provided by the manufacturer will be the definitive method of determining minimum tread depth. This does not apply to the shoulder of the tyre where excessive wear may occur due to cornering. Vehicles running tyres that lie outside these regulations will not be permitted onto the circuit.

STREET TYRES

These are tyres marketed for use on public roads in the normal course of motoring. These tyres should have a UTQG tread wear rating of 120 or greater, where such a rating is available. Tyres marked for mud and snow use, or "motorsport use only", or categorised as Rally tyres shall not qualify as Street tyres.

This category excludes tyres that are primarily marketed as partially or wholly suitable for motor sport use. For the purposes of these rules, Street Tyres shall include, but is not limited to the following:

MANUFACTURER	TYRE
ACHILLES	123S
BRIDGESTONE	S-02,RE11, RE070, RE71R ,S001, RE002, RE003, RE050A
CONTINENTAL	Conti Sport Contact
DUNLOP	W-10, SP SUPER SPORT series, FM-901, Sport MAXX Race, Direzza ZII Star Spec
FALKEN	AZENIS RT615K
FEDERAL	595 RS-R, 595 RS-RR
HANKOOK	Ventus R-S3, Ventus RS4, Ventus S1
KUMHO	KU31, KU36, KU39 Ecsta V720
MICHELIN	Pilot Sport 3, Pilot Super Sport
NANKANG	NS2-R
NITTO	NT05, Invo, NT555
NEXEN	SUR4G
PIRELLI	P-ZERO series, P-6000
TOYO	R1R
YOKOHAMA	Advan Sport V105, R1 ARO1, Advan Neova AD08R, A13C
ZESTINO	07RS

R SPEC TYRES

These tyres should have radial and longitudinal grooves and a UTQG tread wear rating of 119 or less, where such a rating is available.

MANUFACTURER	TYRE
BRIDGESTONE	,RE540s, RE55, RE11S
CONTINENTAL	ContiForceContact
DUNLOP	DIREZZA 03G, D01J, DZ02G
FALKEN	,Avensis RT615
FEDERAL	FZ-201
HANKOOK	Z221 Ventus TD, Z211 Ventus, Z213
HOOSIER	Street TD, R3S02, R3S03, A3S03, R3S04, A3S04
KUMHO	ECSTA V70A
MICHELIN	Pilot Sport Cup, Pilot Sport Cup 2
NANKANG	AR-1,
NITTO	NT555R, NT05R, NT01
PIRELLI	P Zero Corsa, P Zero Trofeo R
SILVERSTONE	FTZ Sport Type RR
TOYO	RA1, , R888, R888R, Trampio R881
YOKOHAMA	ADVAN A021R, A032R, A038R, A039R, A048R, A050 Advan

SLICK, SEMI SLICK TYRES

ACHILLES	GS328
DUNLOP	Radial Ply
HANKOOK	Z214 Ventus TD,F200
HOOSIER	A6, A7, R6, R7
KUMHO	V710, S700, W700
TOYO	Proxes RS1
YOKOHAMA	A005

OEM TYRE SIZE

BRZ	215
Liberty 1989-1999 (Mk1 and Mk2)	205
Liberty 1998-2004 (Mk3)	215
Liberty Mk4 +	225
Forester 1998-2002 (SF)	215
Forester 2003-2008 (SG)	215
Forester 2009-2012 (SH)	215
Forester 2012+ (SJ)	215
Wrx 1993 - 2000	205
Wrx 2001 - 2005	225
Wrx 2006 - 2007	225
Wrx 2008	225
Wrx 2009 -2013	235
Wrx 2014 +	235
STI 1996 - 2000	205
STI 2001 - 2003	225
STI 2004 - 2005	225
STI 2006 - 2007	225
STI 2008 -2014	245
STI 2015 -2017	245
STI 2018 +	245
Levorg 2017	225

SAFETY

In order to promote safety amongst competitors there are no restrictions on the modification of braking systems. Such modifications should be carried out by qualified, competent persons. Modifications are however pointed for determining classes in the speed events.

The removal of rear seat squab and cushions is permitted to facilitate the unrestricted installation of Full Harness Seat Belts.

The installation of Safety Roll Cages in competition vehicles is highly recommended and supported by the Event Committee.