



2025 Twilight Trophy *featuring* SA Time Attack

Supplementary Regulations

15th February 2025, Mallala Motorsport Park

Motorsport Australia Permit Number **525/1502/01**

1. EVENT TITLE DATE & VENUE

The Event shall be known as **SCCSA 2025 Twilight Trophy *featuring* SA Time Attack** event and will be conducted on the **15th February 2025** at **Mallala Motorsport Park**, South Australia. Sessions will be offered for Race, Super Sprint and Time Attack.

2. ORGANISATION & STATUS

Held under the International Sporting Code of the FIA including Appendices, the National Competition Rules of Motorsport Australia, the Circuit Race Standing Regulations (CRSR), Supersprint Standing Regulations. these Supplementary Regulations and any Further Supplementary Regulations or Bulletins that may be issued.

The Event will be conducted under and in accordance with Motorsport Australia OH&S, Motorsport Australia Safety 1st, Integrity and Legal, and Risk Management Policies, which can be found on the Motorsport Australia website at www.motorsport.org.au.

Certain public, property, professional indemnity and personal accident insurance is provided by Motorsport Australia in relation to the Event. Further details can be found in the Motorsport Australia Insurance Handbook, available at www.motorsport.org.au.

The Event is a **Club Event**.

3. ADMINISTRATION AND EVENT STAFF

Organiser/Promoter: Sporting Car Club of SA Inc.
51 King William Road UNLEY SA 5061
www.sportingcarclub.com.au
motorsport@sportingcarclub.com.au
08 8271 5689 or 0487 697 474

Organising Committee: Melissa Rees, Nathan Green and Chris Frith.

Position	Name
Clerk of the Course	Chris Frith
Secretary	TBC
Chief Scrutineer	Alan Pickstock
Chief Timekeeper	Barry Frost
Chief Steward	TBA in further regulations
Steward	TBA in further regulations
Steward	TBA in further regulations

Judges of Fact:

Start & Finish:	TBA in further regulations
Pit lane Speed:	TBA in further regulations
Noise:	Alan Pickstock

4. CIRCUIT DETAILS

Length:	2.6km
Direction:	Clockwise
Track Density:	In accordance with Mallala Motor Sport Park, track licence.

5. LICENCE REQUIREMENTS

Competitors must hold the minimum of a current Motorsport Australia licence to compete:

- SuperSprint/Time Attack – Speed/Speed Junior Licence
- Race – Circuit Licence with Provisional endorsement

Competitors from New Zealand may be eligible to enter under the Trans-Tasman Agreement. Entries from International competitors will be accepted, subject to being granted a visa from Motorsport Australia or their parent ASN.

6. ELIGIBLE VEHICLES

Each competing Race vehicle must comply with the specifications of 1st, 2nd, 3rd or 6th Category vehicles and the requirements of the CRSR.

All vehicles competing in SuperSprint and SA Time Attack must comply with Technical Appendix – Schedule A and B of the Motorsport Australia Manual.

The event will run the Motorsport Australia National Speed Event Championship Classes as listed in Item 20 of these regulations. For further detail refer to : [2024-speed-event-appendix---national-speed-event-championship-classes.pdf](#).

All vehicles eligible for SA Time Attack awards will comply with Appendix A – Vehicle class and technical regulations SA Time Attack Classes.

Fuel shall be in accordance with Technical Appendix - Schedule G of the Motorsport Australia Manual.

Vehicles must be adequately muffled to comply with the noise restrictions required by Technical Appendix – Schedule B of the Motorsport Australia Manual. Any vehicle found to exceed the noise restriction will be subject to the requirements of the CRSR.

7. ENTRIES

The Entry Fee shall be:

Entry Fee (incl GST)	Entry complete prior to 5 th February
Entry Fee	\$ 360.00
SCCSA Member Discount	\$ 35.00
Junior Competitors (U16)	\$ 250.00
Garage Fee (106 available)	\$ 60.00

To receive the Sporting Car Club Members discount, your SCCSA membership must be current and updated on your Motorsport Australia Portal.

Garaging is subject to availability.

Payment is to be made by credit card at the time of entry. If for any reason this is not possible, please contact the Sporting Car Club motorsport office 08 8271 5689 or motorsport@sportingcarclub.com.au.

Entry is via the Motorsport Australia Event Entry portal (www.motorsport.org.au/login). Please ensure all entry details are completed in full, including your Club Membership Details, Vehicle Details including Car Number, Class and Transponder Number.

A copy of the following is to be sent to motorsport@sportingcarclub.com.au:

- Venue Disclaimer
- Statement of Vehicle Compliance
- Copy of Vehicle Logbook (if applicable)
- Motorsport Australia Affiliated Car Club Membership Card.

Your entry will not be complete until all documentation and payment have been received.

Late entries (entries received after **5th February 2025** will be accepted at the discretion of the event Organiser and may incur an additional late fee.

Refusal of entries shall be in accordance with the NCR. The maximum number of entries will be 200.

ENTRIES WILL OPEN UPON THE PUBLICATION OF THE SUPPLEMENTARY REGULATIONS AND WILL CLOSE ON 5th FEBRUARY 2025.

The entry of multiple cars and multiple drivers can be accepted at the sole discretion of the Organiser.

Entrants will be allowed up to a maximum of four (4) pit crew for this Event. Nominated pit crew must be notified at the time of entry and must complete a Motorsport Australia Disclaimer and Venue Disclaimer prior to being accepted.

8. ENTRY REFUNDS

Entry fees are refundable under the following circumstances:

- a. In the case of competitor's cars withdrawn by written advice to motorsport@sportingcarclub.com.au not later than five (5) days before the event
- b. The Organiser reserves the right to abandon, postpone or stop the Event in accordance with the NCR.
- c. International competitors who have been unsuccessful in the granting of a visa from Motorsport Australia or their home ASN.

9. TRACK TIME

It is envisaged that there will be at least four (4) track sessions for each discipline with the duration to be determined at the close of entries. Further Supplementary Regulations will be issued as soon as practicable following close of entries and will include the Final Schedule. The Organiser reserves the right to combine or delete categories.

10. AUTOMATIC TIMING

The Organisers utilise an automatic timing system, which requires all race vehicles to be fitted with an operating Dorian DATA-1 timing transmitter anytime the race vehicle is on the track, which is the Competitor's responsibility. DATA-1 transmitters are available for purchase from Dorian Industries, 6/29 Graham Court, Hoppers Crossing, VIC 3129. **The correct Dorian number must be recorded on Event Entry.** If you do not have a Dorian and would like to hire one for this Event please email motorsport@sportingcarclub.com.au to book one.

11. GARAGES / PADDOCK AREA

All Paddock Garages are to be reserved and paid for as part of the entry process (www.motorsport.org.au/login). The paddock will be managed to ensure categories are located as close as possible. Please note: Not all individual garaging allocation requests can be met.

12. VEHICLE SIGNS

Event organiser's decals and compulsory event sponsor decals as supplied must be placed on the vehicle as per instructions provided at documentation.

13. TROPHIES AND AWARDS

Trophies will be presented to all class winners. Where there are 3 or more entrants in a class 1st & 2nd place trophies will be awarded. Should there be 5 or more entrants in a class, 1st, 2nd and 3rd place trophies will be awarded.

14. PROTESTS

Competitors are reminded of their protest rights as per the NCR.

15. SCHEDULE

The full Schedule will be provided with the Further Supplementary Regulations following the close of entries.

16. MEDICAL

Medical requirements will be in accordance with Article 3.1.4.3 Alternative Medical Service/Requirements of the Motorsport Australia Medical Service Requirements at Motor Sport Events.

17. INTEGRITY, ALCOHOL, DRUGS AND OTHER SUBSTANCES

Smoking (which includes e-cigarettes and "vaping") and any naked flame is prohibited within 3 metres of any refuelling/defueling operation").

Motorsport Australia's National Integrity Framework and any associated policy (including the Australian Anti-Doping Policy, Motorsport Australia Illicit Drugs in Sport (Safety Testing) Policy, the Motorsport Australia Alcohol Policy, apply to any activity authorised by Motorsport Australia as published at www.motorsport.org.au.

Any participant including the holder of a Motorsport Australia Licence (or a Licence issued by another ASN) may be tested for the presence of alcohol, any drug or other banned substance. In addition to any penalty imposed by Motorsport Australia, a further penalty/s may be applied by Sport Integrity Australia.

Consumption of alcohol in any Reserved Area, is prohibited until all Competition is concluded each day.

18. PARADES/PASSENGER RIDES/DEMONSTRATIONS

This Event may include Passenger Ride Activity which will be conducted in accordance with the Motorsport Australia MSPRA Policy. Any Parade or Demonstration will be conducted in accordance with the NCR.

19. DRIVER BRIEFING

Failure for Drivers to RECORD ATTENDANCE and be present for the entire duration of the Drivers' Briefing shall result in a penalty being applied by the Stewards as per the Circuit Race Standing Regulations, only in extra-ordinary circumstances may this be varied by the Stewards.

The Driver's Briefing venue and times will be advised in the Further Supplementary Regulations

20. ELIGIBLE CLASSES

The following table details the applicable classes which must be applied in their entirety and without modification.

The Organiser may invite additional classes not listed below.

Formula Ford	All	3C Rally Cars	2WD up to 2000cc 2WD 2001cc & over 4WD All
Formula Libre	Up to 750cc 751-1300cc 1301-2000cc 2001cc and over	3D Sports Sedans	Up to 1600cc 1601-2000cc 2001-3000cc 3001-6000cc
Formula Vee	1200cc 1600cc	3J Improved Production	Up to 1600cc 1601-2000cc 2001-3000cc 3001-6000cc <i>Incl Group 3K and Group 3H</i> 6001cc & over
2A Sports Cars Open/ Closed	Up to 1600cc 1601-2000cc 2001-4000cc 4001cc & over 4WD All	Time Attack	Refer to Appendix A
2C Supersports	All	Road Car Refer to Attachment A	Up to 1600cc 1601-2000cc 2001-4000cc 4001cc & over
2B/2F Production Sports	Up to 1600cc 1601-2000cc 2001-3000cc 3001cc & over	Limited Modified Road Car Refer to Attachment A	Up to 1600cc 1601-2000cc 2001-4000cc 4001cc & over
Historic Group N	Up to 2000cc 2001cc & over		
Historic Groups S & T	Up to 2000cc 2001cc & over		
Historic Other	All		

*Electric Vehicle entries must be approved by Motorsport Australia Technical Department. The Organiser must also submit a Safety Plan detailing how risk will be managed for vehicle, officials and venue.



Appendix A – Vehicle class and Technical Regulations SA Time Attack Classes

ELIGIBLE SA TIME ATTACK CLASSES

SA Time Attack will comprise of the following classes which are adaptations of World Time Attack Challenge and other to suit South Australia grassroots motorsport competition. Other Classes or awards may be incorporated at the discretion of the organising committee.

- **Road Car**

The class is for road registered and unmodified Production Cars meeting the original manufacturer's specifications. Exotic, Four Wheel Drive Turbo, Clubman, Kit Car and Replica are prohibited to be entered in the Road Car Class. A Road Car may be eligible for another class.

- Road car aligns to [National Speed Event Championship Classes](#) of the Speed Appendix of the Motorsport Australia Manual
- All **Road Car** vehicles are limited to high performance street tyres with a treadwear of 120 or higher at SA Time Attack

- **Limited Modified Road Car class**

The class is for Road Registered Production Cars with limited modifications to the original manufacturer's specifications. Clubman, Kit Car and Replica are prohibited to be entered in the Limited Modified Road Car Class. A Limited Modified Road Car may be eligible for another class. (Four Wheel Drive Turbo ARE permitted in Limited Modified Road Car class).

- Aligns to [National Speed Event Championship Classes](#) of the Speed Appendix of the Motorsport Australia Manual
- All **Limited Modified Road Car class** vehicles are limited to high performance street tyres with a treadwear of 120 or higher at SA Time Attack

- **Clubsprint Class**

Designed to be the entry level class for the nationally aligned World Time Attack Challenge with modification restrictions and tyre limits to contain costs.

- Supercars as determined by the vehicle list within these regulations are not permitted.
- All vehicles are limited to high performance street tyres with a treadwear of 120 or higher

- **Club R**

Designed to be the entry level class for the nationally aligned World Time Attack Challenge with modification restrictions and tyre limits to contain costs.

- Same vehicle modifications as the Clubsprint class plus expanded range of tyre specifications (ie R-Compound Semi Slick tyres – all tyre brands are permitted). *This is ideal for regular Hillclimb competitors.*
- Supercars may be accommodated in this this class at the discretion of the organising committee.
- Sequential gearboxes are permitted in the category.

Open Class

- Significant technical freedoms aligned World Time Attack Challenge.
- All vehicles must use R-Compound semi-slick tyres (all tyre brands are permitted)

SA Time Attack welcomes all closed vehicles compliant Motorsport Australia Circuit Race Appendix including Sport Sedans and Improved Production. Trophies will be awarded to all categories that present 5 or more vehicles.

- **Sport Sedans**

- Cars compliant with [Group 3D – Sports Sedans](#)
- Tyres are free including slicks as described in [Group 3D – Sports Sedans](#)

- **Improved Production**

- Cars compliant with [Group 3J – Improved Production Cars](#)
- All vehicles must use control tyre recognised by [Group 3J – Improved Production Cars](#)
- All vehicles must comply with Schedule A & B of the General Requirements for Automobiles of the Motorsport Australia Manual. All Vehicles must retain the original firewall. Any freedoms permitted in a lower class are also permitted in the higher classes, ie: If Clubsprint class allows carbon bonnet all other classes can also use a carbon bonnet along with additional freedoms documented in each category.

SAFETY AND APPAREL:

Competitor apparel and vehicles must comply with Schedule D of the General Requirements for cars and drivers as defined in the Motorsport Australia Manual:

<https://www.MotorsportAustralia.com.au/motorsport/regulations/MotorsportAustraliamanual/generalrequirements>.

Owners of non-road registered vehicles in particular are strongly encouraged to consult these documents.

Drivers are required to present the following for inspection along with the vehicle at Scrutineering.

- A helmet complying with the requirements for a National Speed Event in the Motorsport Australia General requirements for automobiles.
- A fire extinguisher of at least 900g capacity meeting standard AS1841. This extinguisher must be securely fitted to the satisfaction of the Chief Scrutineer (i.e. Metal extinguisher frame bolted to a metal frame/bodywork and NOT to plastic). Schedule the Motorsport Australia Manual.
- Any forward facing glass, e.g. headlights) be covered with tape or similar to prevent pieces of broken glass falling onto the circuit.
- Any engine radiator cooling vent to atmosphere (fluid overflow) must be vented to a catch tank of at least one litre in capacity (e.g. Plastic drink bottle) to prevent such fluids affecting the track surface.
- The location of the battery be indicated by a blue triangle with sides of at least 10cm in length. Tow points not easily located should be marked in red and/or with the word "Tow".
- The use of a Frontal Head Restraint is HIGHLY ENCOURAGED for all classes.

For all **OPEN CLASS** competitors, the following apparel is MANDATORY:

- One piece driving suit complying with, as a minimum, FIA 1986 standard;
- Balaclava complying with FIA 8856-2000 must be worn; and
- Frontal Head Restraint, such as a HANS® device of which each element of the device must comply with FIA 8858-2002 or 8858-2010 standard.

ROLLOVER PROTECTION

Road Car and Limited Modified Road Car class

- Rollover protection not typically required in Road Car and Limited Modified Road Car class.
- a convertible type vehicle must be equipped with a hard top or a roll cage that complies with Motorsport Australia regulations, and/or meets the approval of the Chief Scrutineer;

Clubsprint & Club-R Class:

- Rollover protection is strongly recommended for Clubsprint and Club-R. Note the following in Schedule J of General requirements:
- Where the type and/or status of the event does not require a vehicle to be fitted with a safety cage structure, the use of a non-compliant structure is permitted, provided it is not deemed unsafe by the Chief Scrutineer.

Open Class:

- Rollover protection is compulsory and must be of a minimum of a Type 3 Safety Cage construction that complies with MOTORSPORT AUSTRALIA Manual; Technical Appendix – Schedule J and/or meets the approval of the Chief Scrutineer.

TECHNICAL REGULATIONS:

BODY - Street

- Road car aligns to [NATIONAL SPEED EVENT CHAMPIONSHIP CLASSES](#), of the Speed Appendix of the Motorsport Australia Manual
- All convertible type vehicles must be equipped with a hard top, a roll cage or rollover protection that complies with Motorsport Australia General Requirements for Automobiles, and/or meets the approval of the Chief Scrutineer.

BODY - Clubsprint Class & Club R

- Alternative materials are permitted for the Front Bar, Bonnet, Side Skirts, Rear Bar and Boot provided they follow the same shape as the OEM part.
- Bonnet vents are allowed solely for the purpose of engine bay cooling and provided they do not change the shape of the bonnet. Where a bonnet is integrated with the front fenders the area that covers the complete front wheel and tyre must remain unmodified except where permitted for control tyre fitment (refer below).
- Alternative materials are permitted for front and rear flares.
- Wheel arch modifications of OEM fenders to allow fitment of the control tyre are permitted.
- OEM fenders must be of original material however flare extensions are permitted to cover the control tyre.
- Each wheel and tyre must be fitted so that the upper part of the tyre, down to the flange over the wheel hub centre must be within the perimeter of the automobile when viewed vertically from above, see **Error! Reference source not found..**



Figure 1

BODY – OPEN Class

- Each wheel and tyre must be fitted so that the upper part of the tyre, down to the flange over the wheel hub centre must be within the perimeter of the automobile when viewed vertically from above
- Alternative materials are permitted for removable panels including the centre roof section however all bodies must follow the same shape and retain the original look and style of the vehicle.
- It is permitted to modify the front fenders to permitted total vehicle width.
- Modification of the front fender in the area between the wheel arch and the front door is permitted.
- It is permitted to replace the external sheet metal of the rear quarter panel with an alternate material which may include the permitted increase to the total vehicle width. The replacement material shall be fitted no higher than the horizontal centre line point of the rear window glazing of the "C" pillar.
- All internal sheet metal must remain as originally fitted except where it is permitted to be modified or removed in these regulations.
- Front and rear bars may be modified to incorporate aero components. The front bar must not extend further than 150mm forward and the rear bar no further than 100mm rearward than the bodywork of the vehicle.
- Total Vehicle width in front view (measured at its widest point, excluding mirrors) must not exceed 250mm wider than the OEM bodywork.
- Headlights may be removed but must be replaced with suitable decals in the original location.
- Windows may be replaced with Lexan, except for the OEM windscreen which must be retained.

INTERIOR

- **Road Car and Limited Modified Road Car** classes align to [National Speed Event Championship Classes](#) of the Speed Appendix of the Motorsport Australia Manual
- **Clubsprint and Club-R:** Interior is free save for the following exceptions:
 - Fitment of racing seat and harness is permissible.
 - Local modification to the interior for fitment of a roll cage or racing seat is allowed.
 - Complete original dash must be retained; additional switches and gauges may be added.
 - Heater core, air conditioning and related components that are not visible on the dash may be removed.
 - Original door trims must be retained or replaced with aftermarket trims of similar form.
 - Replacement instrument cluster is permitted.
 - Removable steering wheels are permitted with regard to entry and exit access.

- **Open Class:** Interior is free save for the following exceptions:
 - Local modification to the interior for fitment of a roll cage is allowed.
 - Door trims of free material and design must be fitted.
 - Window nets may be fitted and are highly recommended.
 - Driving position may be moved rearwards, but not beyond the rear foot well.
 - Each vehicle must retain a full length dashboard.

CHASSIS

- All vehicles must retain the original firewall.
- Modifications can be made for transmission clearance, wiring or roll cage; however the resulting bulkhead must resemble the original and continue to be both structural and create seal between the forward area and the cockpit. Any replacement material must be of the same thickness as the original firewall and of similar material (e.g., steel for steel, aluminium for aluminium).
- Original shock towers (i.e. Macpherson Strut) must be retained.
- No fully tubular construction or composite monocoques are allowed.

MINIMUM VEHICLE WEIGHTS

- Minimum weight will be deemed to include all liquid tanks at normal levels and with a maximum of 5 litres of fuel. All weights are without driver. All vehicle weights must be based on a "production vehicle status" and not a "factory special" with a minimum of 500 of the vehicle produced worldwide. Minimum weights for vehicles is detailed in Appendix A - Vehicle Weights Table.
- Minimum weight for **Clubsprint & Club R** will be determined by the manufacturer's original specifications for the lightest version of that particular model of vehicle, minus 5%. E.g. Mitsubishi Lancer Evo 9 not merely Mitsubishi Lancer. Vehicles with original weight exceeding 1500kg will not apply the 5% rule but will have a minimum allowed competition weight of 1425kg. Naturally aspirated vehicles are permitted an additional 10% decrease to the minimum weight.
- Minimum weight for **Open Class** will be determined by the manufacturer's original specifications for the lightest version of that particular model of vehicle, minus 15%. E.g. Mitsubishi Lancer Evo 9 not merely Mitsubishi Lancer. Vehicles with original weight exceeding 1500kg will not apply the 15% rule but will have a minimum allowed competition weight of 1275kg.

AERODYNAMIC AIDS

All aerodynamic additions must be within the body parameters outlined for the relevant vehicle class. Strength and method of aero component fastening will be checked thoroughly at scrutineering and if found to be unsuitable the vehicle will not be permitted to start until improvements are made to meet approval of the Chief Scrutineer. Active aero includes hydraulically or electronically actuated or movable components are not permitted in any class.

Road Car and Limited Modified Road Car: No aftermarket aerodynamic aids are permitted in Road Car and Limited Modified Road Car class other than those available as factory options. Aligning to [National Speed Event Championship Classes](#) of the Speed Appendix of the Motorsport Australia Manual

Clubsprint and Club-R: The following aerodynamic modifications are permitted for **Clubsprint** and **Club-R**:

- A Front under tray/splitter which must follow completely the outline of the OEM front bar and may extend 50mm ahead of the vehicle OEM bodywork, no further rearward than the front axle and no wider than the original front guards, see **Error! Reference source not found..**

- Front canards/winglets are permitted but must not extend wider than 50mm beyond the front OEM guards and must not extend forward of the original coachwork as described in **Error! Reference source not found..**
- An OEM rear wing or an aftermarket rear wing with up to two separate elements may be used in an unmodified form. The width of the wing must not exceed the widest part of the body. Only one aftermarket wing per vehicle is permitted.
- The rear wing must be fitted as such to be over the body or boot in plan view. No portion of the wing can be higher than a horizontal line from the highest point of the roof sheet metal except in the case of a hatchback where the wing can be no higher than 150mm from the highest point of the wing to the roofline and must be on the rear portion of the roof.
- No part of the rear wing may not extend any further rearwards than the most rearward point of the rear bumper, see **Error! Reference source not found..**

Figure 3

- Rear diffuser/ under tray must not extend beyond the vehicles bodywork and forward only to the rear axle centre line.
- Aftermarket side mirrors are permitted.
- Side skirts may not extend inboard more than 250mm under the vehicle, see **Error! Reference source not found..**

Figure 4 Side Skirt Clubsprint / ClubR

The following aerodynamic modifications are permitted for **OPEN Class**:

- Each aerodynamic aid must fit within the outline detailed in **Error! Reference source not found..**, and:
- Box A: Any aerodynamic aid forward of the front wheels must be no more than a maximum of 150mm forward and a maximum of 200mm wider each side than the OEM bodywork. It must be no higher than the highest point of the OEM bonnet. A full front under tray is permitted which must not extend further rearward than the centre line of the front axle.
- Box B: Any aerodynamic aid (i.e., side skirt) in between the front (Box A) and rear (Box B) section must not extend further outwards than a maximum of 125mm per side wider than the OEM bodywork. It must not extend inwards past the innermost point of each side OEM chassis rail, see **Error! Reference source not found..** It must be no higher than the lowest point of the OEM front doors.

- **Box C:** Any aerodynamic aid rearward of the rear wheels must be no more than a maximum of 100mm rearward and a maximum of 100mm wider each side than the OEM bodywork. It must be no higher than a maximum of 250mm above the highest point of the OEM roof. An aerodynamic aid fitted above the lowest point of the rear most OEM window must contain no more than two (2) horizontal elements. A rear diffuser/under tray fitted on the underside of the bodywork must not extend further forward than the centreline of the rear axle.
- The underside of the OEM floor between the centre line of the front and rear axles must remain exposed to the airflow. It is not permitted to cover the underside of the OEM floor or otherwise alter the airflow acting in this area (i.e., by fitting a flat floor) save for where permitted in these regulations.

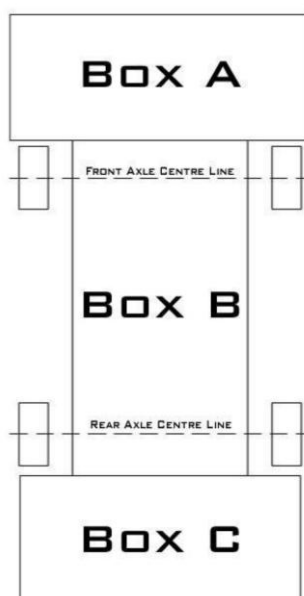


Figure 5 Aerodynamic

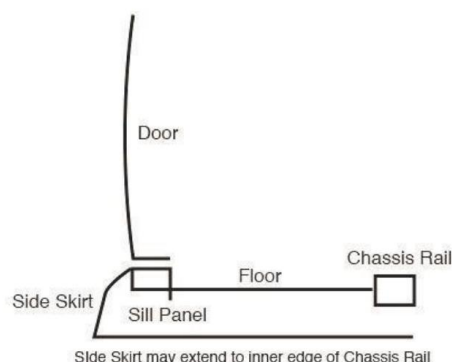


Figure 6 Side Skirt Open

ENGINE – Clubsprint & Club R

Engine modifications are free with the following exceptions:

- Each vehicle must use a Commercial Fuel, E85 or Unleaded Racing Fuel in accordance with MOTORSPORT AUSTRALIA Manual; Technical Appendix - Schedule G.
- Engine changes during the Event are permitted subject to the approval of the Chief Scrutineer.
- The use of a turbocharger or supercharger is allowed.
- **Clubsprint & Club R** Engine modifications are free except that the vehicle must retain an engine from that vehicle OEM and that has the same number of cylinders or in the case of a rotary engine, rotors must remain as per the original.
NOTE: For example, if the vehicle is a Toyota that came with a four-cylinder engine the vehicle can be fitted with any Toyota 4 cylinder engine that can also use forced induction.
- Vehicles that otherwise comply with **Clubsprint** that have a different number of cylinders may be considered for **Club-R** at the discretion of the organising committee.
- For **OPEN** Class Engine modifications are free save for the engine must be based on a production engine from ANY recognised vehicle manufacturer. The crankshaft centre line may be lowered. The engine positioning and mounts being free provided that its relationship to the firewall is not exceeded as in Chassis section of these regulations.

EXHAUST

- The complete exhaust system may be modified or replaced.
- The exhaust must exit within 100mm of the original location and shall not protrude more than 100mm beyond the rear most portion of the bodywork.

TRANSMISSION AND DIFFERENTIAL

- Clutch/s and flywheel/flex plate are free.
- Transmission and differential may be replaced by another of free design.
- Internal components of transmission and differential are free.
- The bell housing is free.
- Automatic transmissions if provided as an option by the OEM for that model are permitted.
- OEM mounting points for the Transmission and Differential must be used.
- Transmission gear change operation is free.

SUSPENSION – Road Car and Limited Modified Road Car

- **Road Car and Limited Modified Road Car** Road classes align to [National Speed Event Championship Classes](#) of the Speed Appendix of the Motorsport Australia Manual

SUSPENSION – Clubsprint & Club-R:

- Springs and Dampers may be replaced by others of the same type and working principle. However the number of dampers per vehicle must remain as original.
- Each suspension bush is free.
- OEM mounting points of the suspension may be reinforced and altered in design but not in location.
- Each sway bar is free
- Each vehicle must use OEM chassis mounting points and uprights but suspension geometry and arms are free.
- OEM hubs must be retained on the vehicle but can be from a different model of the same make of vehicle (i.e. any Honda for a Honda or any Subaru for a Subaru etc.).
- Uprights are free provided that the connection methods to the original OEM components is retained (i.e. connection type to MacPherson strut, or ball joint or steering arm).
- Non-OEM suspension sub frames are not permitted.
- Minimum ride heights apply as listed below. Each fully sprung part of the automobile must be at least the specified height above the ground when measured at any point within the wheelbase. The automobile ride height will be measured without the driver and tyre pressures at a minimum of 20psi.

Clubsprint Class: Minimum ride height of 80mm measured as described in the suspension rule above.

Club-R Class: Minimum ride height of 80mm measured as described in the suspension rule above.

Open Class: Minimum ride height of 65mm measured as described in the suspension rule above.

BRAKES

The complete braking system is free with the exception of computer controlled diagonal or transverse braking systems, which are not permitted in any class unless originally fitted.

Clubsprint and Club-R Class original brake mounting points must be used.

OPEN class braking mounting is free

WHEELS AND TYRES

- Each wheel is free and size is unrestricted but must be suited to the tyre size used.
- A maximum of one metallic spacer may be used behind each wheel. Consideration must be given to wheel stud length when fitting spacers.
- All tyres may be marked by the Organisers at Scrutineering.
- Random tyre checking will be conducted throughout the event, failure to comply will result in a penalty up to exclusion.
- Tyres on all wheel drive vehicles must be no wider than 265 unless specified by the manufacturer for that particular vehicle in which case the tyre must match the manufacturers size specification. Two-wheel drive vehicles must be no wider than 295 unless specified by the manufacturer in which case the tyre must match the manufacturers specification. With the exception of “guard rolling” or “lip rolling” no modifications are to be performed to the body or chassis to allow fitment of tyres.

There is no restriction on brand of tyre used in SA Time Attack

Road Car and Limited Modified Road Car class & Clubsprint

ONLY tyres with UTQG rating 120 or higher are permitted for Road Car and Limited Modified Road Car class and Clubsprint.

This includes the following High Performance Street Tyres:

- | | |
|------------------------|------------------------------|
| • Yokohama Advan AD08 | • Dunlop SP Sport 600 |
| • Yokohama Advan AD52 | • BFGoodrich g-Force Rival |
| • Hankook RS-3 (Z222) | • Bridgestone Potenza RE-11A |
| • Hankook R-S4 (Z232) | • Bridgestone RE-71R |
| • Federal RSR | • Bridgestone Potenza RE71RS |
| • Federal RSR-R | • Goodyear Eagle GS-D3 |
| • Toyo Proxes R1R | • Falken Azenis RT615 |
| • Kumho KU36 (EcstaXS) | • Nitto Invo |
| • Dunlop Direzza ZII | • Nankang NS-2R |

In general tyres "below" these in a particular Brand/Company are also eligible provided UTQG rating is 120 or higher.

Treaded Semi-Slick / R-Compound Tyres are permitted the **Club-R and OPEN Class**. Competitors may wish to run either street / track tyres or Semi-Slick R Compound tyres.

Grooved Slicks and Full Slicks are prohibited in ALL CLASSES except for Sport Sedan and other invited cars.

If Competitors wish to confirm their Time Attack tyre choice complies or wish to add to the above list, please contact the event organisers.

VEHICLE SUPERCAR LIST (ineligible for Street and Clubsprint Class)

- Audi R8
- Ferrari - All
- Lamborghini - All
- Nissan GTR (R35)
- Porsche - All except 924/944
- Chevrolet C6 Z06, ZR1 Corvette
- Dodge Viper
- Aston Martin - All
- Mercedes SLS or any Black series
- McLaren - All
- Lexus LFA
- TVR - All
- Ford GT

Note: Supercars are allowed in the Club-R Class