# Sporting and Technical Regulations





Scholarship Series



# 2023 Toyota Gazoo Racing Australia Scholarship Series



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# 2023 Toyota Gazoo Racing Australia Scholarship Series

# Sporting & Technical Regulations

A capitalised and italicised word in this document is defined in the FIA International Sporting Code (*Code*), the National Competition Rules (*NCR*), including their Appendices or "Definitions and Abbreviations" in this document.

Any HEADING in this document is for reference only and has no regulatory effect.

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## **DEFINITIONS AND ABBREVIATIONS**

Automobile An eligible vehicle that is log booked for Competition by Motorsport Australia and is

registered for Competition with the CM.

CA The Category Administrator of the Series as appointed by the CM.

CM The Category Manager of the Series as appointed by Motorsport Australia.

Competitor A person or body who holds a Competitor Licence acceptable to Motorsport Australia; is

registered for Competition with the CM; and has entered a Competition (formerly referred

to as the Entrant).

**Control Component** A component that is specified for use in the *Series* and supplied by the nominated

Control Component Supplier as detailed in the Motorsport Australia Recognition Documents. Unless otherwise stated in the Motorsport Australia Recognition

Documents, the fitment and/or use of each Control Component is mandatory.

Control Component Supplier The manufacturer and/or supplier of a Control Component as nominated by the CM.

CRSR Circuit Race Standing Regulations as promulgated by Motorsport Australia.

**Driver** A person who holds a valid *Motorsport Australia Licence*; is registered as a *Driver* with

the *CM*; and is entered to drive an *Automobile* in an *Event*.

**DSA** The Series Driving Standards Advisor as appointed by the CM.

**Event** An Event of the Series.

**New Tyre** A tyre that has been manufactured by Dunlop and supplied by the approved nominated

tyre supplier; that is not a *Previously Used Tyre* or modified in any way.

**Precinct** The area within the perimeter of the *Event* venue.

**Previously Marked Tyre** A tyre that has been officially marked/approved by the *TM* or their nominee at an *Event*,

for use on an Automobile with the corresponding competition number.

Previously Used Tyre A tyre that has a tread depth of less than 6mm, measured in the middle of the tread face.

Recognition Documents A series of documents consisting of the Motorsport Australia Toyota Gazoo Racing

Australia 86 Series Recognition (Document No. 3-16-002), Motorsport Australia Variant Option document and any Technical Service Bulletins as promulgated by *Motorsport* 

Australia, which detail the technical specifications of each eligible Automobile.

Series The 2023 Toyota Gazoo Racing Australia Scholarship Series.

Standard An original unmodified component as fitted to an eligible Automobile in accordance with

Regulation T2.2 and as supplied by TMCA.

**TM** The Series Technical Manager as appointed by the CM.

**TMCA** Toyota Motor Corporation Australia.



# 2023 Toyota Gazoo Racing Australia Scholarship Series Sporting Regulations

#### **S1** TITLE AND JURISDICTION

The Series will only be known as and referred to as the "Toyota Gazoo Racing Australia Scholarship Series".

#### **S1.2** Authority/Jurisdiction

- Each Event in the 2023 Toyota Gazoo Racing Australia Scholarship Series (Series) is to be conducted under 1.2.1 the FIA International Sporting Code including Appendices; the National Competition Rules (NCR) and Circuit Race Standing Regulations (CRSR) of Motorsport Australia; the Sporting and Technical Regulations issued for this Series by Motorsport Australia; Supplementary Regulations issued by the Organiser at each Event, Bulletins issued by the Stewards and any Driver Briefing Notes and instructions issued by the Clerk of the Course at an Event.
- 1.2.2 This Series has been sanctioned by Motorsport Australia as an Authorised Series.
- 1.2.3 Toyota Motor Corporation Australia Ltd (TMCA) has been appointed as the CM by Motorsport Australia for

Toyota Motor Corporation Australia Ltd (ABN 64 009 686 097)

155 Bertie Street

Port Melbourne, VIC 3207

1.2.4 AirTime Autosport (ATA) has been appointed as the CA by the CM for this Series.

Craig Nayda (General Manager)

Mobile: 0408 849 744

Email: craig@airtimeautosport.com

Phil Harrison (Commercial Manager)

Mobile: 0408 619 344

Email: phil@airtimeautosport.com

#### Office Address **Postal Address** Austlink Corporate Centre PO Box 282

Belrose NSW 2085 Tel: (02) 9986 3559

#### Frenchs Forest NSW 1640 Suite 14, First Floor, 14 Narabang Way

#### S2 **ADMINISTRATION PERSONNEL**

The following personnel have been appointed to the Series by Motorsport Australia and/or the CM and have the authority to administer the various aspects of these regulations as detailed in the CRSR:

| 2.1 | Category Administrator (CA)     | AirTime Autosport     |
|-----|---------------------------------|-----------------------|
| 2.2 | Technical Manager (TM)          | Neal Bates Motorsport |
| 2.3 | Driving Standards Advisor (DSA) | Steven Johnson        |
| 2.4 | Engine Inspection Officer (EIO) | Craig Hasted          |

#### **COMPETITOR ELIGIBILITY S3**

- 3 1 To be eligible to compete in the Series, each Competitor must:
  - Register with the CA; and 311
  - 3.1.2 Hold a valid Competitor Licence acceptable to Motorsport Australia.
- 3.2 The CM reserves the right to prohibit a Competitor from entering an Event, in accordance with Regulation S20.2.

#### **S4 DRIVER ELIGIBILITY**

#### S4.1 General

- 4.1.1 To be eligible to compete in the Series, each Driver must:
  - 4.1.1.1 Register with the CA;
  - 4.1.1.2 Be at least of fifteen (15) years of age, and;
  - Hold a minimum of a valid Motorsport Australia Circuit Licence with Provisional endorsement or 4.1.1.3 equivalent.

NOTE: To be eligible to compete at Mount Panorama, Drivers must be a minimum of sixteen (16) years of age, in accordance with the Mount Panorama Motor Racing Act 1989 No. 108.



4.1.2 The CM reserves the right to prohibit a *Driver* from entering an *Event*, in accordance with Regulation S20.2.

#### S4.2 Substitute Driver

Prior to the commencement of the first qualifying session at each *Event*, a *Competitor* may nominate a substitute *Driver* who may be permitted to compete in the remainder of the *Event*, subject to Regulation S4 and the approval of the *CA* and the Stewards.

#### **S5** AUTOMOBILE ELIGIBILITY

To be eligible to compete in the *Series*, each *Automobile* must be registered with the *CA*; and comply with these regulations and the *Motorsport Australia Recognition Documents*.

#### S5.1 Replacement Automobile

Unless otherwise approved by the *CA* and the Stewards in exceptional circumstances, following the commencement of the first practice session of each *Event*, any *Automobile* that has been entered to compete at that *Event*, may not be replaced with another *Automobile*.

#### **S6** COMPETITOR REGISTRATION

- 6.1 The Series will operate under the Motorsport Australia Registration and Entry process.
- 6.2 Prior to the commencement of the Series, each Competitor is required to register with the CA.
- 6.3 A *Competitor* will only be considered as being registered to compete in the *Series* following receipt of written notification from the *CA*.

#### **S7 DRIVER REGISTRATION**

- 7.1 Prior to the commencement of the Series, each Driver is required to register with the CA.
- 7.2 A *Driver* will only be considered as being registered to compete in the *Series* following receipt of written notification from the *CA*.

#### S8 EVENT ENTRY

- 8.1 A Competitor will only be considered as being entered for an Event following:
  - 8.1.1 Lodgement of a completed *Entry* form prior to the specified *Entry* closing date;
  - 8.1.2 Payment of the nominated Entry fee prior to the specified Entry closing date; and
  - 8.1.3 Receipt of written acceptance notification from the CA.
- In the event of over-subscription, *Entry* acceptance preference will be given to Competitors not registered for the Toyota Gazoo Racing Australia 86 Series.
- 8.3 The *CM* reserves the right to reject any *Entry* over and above the prescribed maximum *Entries* for an *Event*. In this case, the applicable *Event Entry* fee will be refunded.
- 8.4 If a Competitor withdraws (in writing) from an Event after the specified Entry closing date, in accordance with the Supplementary Regulations for the Event, the applicable Entry fee will not be refunded.

## S9 SERIES CALENDAR

The Series will be conducted over the following Events.

| Race        | Date           | Event                              | Circuit                                |
|-------------|----------------|------------------------------------|----------------------------------------|
| 1, 2 & 3    | April 14-16    | NSW State Championship             | Sydney Motorsport Park, NSW            |
| 4, 5 & 6    | May 26-28      | VIC State Championship             | Phillip Island Grand Prix Circuit, VIC |
| 7, 8 & 9    | June 16-18     | Motorsport Australia Trophy Series | Sydney Motorsport Park, NSW            |
| 10, 11 & 12 | August 4-6     | Motorsport Australia Trophy Series | Queensland Raceway, QLD                |
| 13, 14 & 15 | September 8-10 | 2023 Master Blast                  | Sydney Motorsport Park, NSW            |

#### S10 EVENT FORMAT

#### S10.1 General

- 10.1.1 The number, length and format of *Track* sessions will be negotiated between the *CA* and the *Organiser* prior to an *Event* and will be advised in the relevant *Supplementary Regulations* for the *Event*.
- 10.1.2 Generally, the format for each *Event* will be as follows:
  - 10.1.2.1 Practice 2 x twenty (20) minute sessions.
  - 10.1.2.2 Qualifying 1 x twenty (20) minute session.
  - 10.1.2.3 Race 1 A twenty (20) minute race (expressed as a number of laps).
  - 10.1.2.4 Race 2 A twenty (20)-minute race (expressed as a number of laps).
  - 10.1.2.5 Race 3 A twenty (20) minute race (expressed as a number of laps).

#### \$10.2 Variation to the Event Schedule

In exceptional circumstances, with the prior approval of the Stewards, the *Organiser* reserves the right to amend the *Event* schedule, including extending a session to ensure the full amount of scheduled *Track* time is achieved.

#### S11 GRID DETERMINATION

The grid for each race will be determined in accordance with the CRSR.

#### S12 START PROCEDURE

The Start procedure for each race will be in accordance with the CRSR - Non-Championship Standing Start.

#### S13 POINT SCORE

13.1 Points will be awarded to *Drivers* for each race in the *Series* in accordance with the following table:

| Position         | Points | Position         | Points | Position         | Points | Position         | Points |
|------------------|--------|------------------|--------|------------------|--------|------------------|--------|
| 1 <sup>st</sup>  | 100    | 11 <sup>th</sup> | 60     | 21 <sup>st</sup> | 40     | 31 <sup>st</sup> | 20     |
| 2 <sup>nd</sup>  | 90     | 12 <sup>th</sup> | 58     | 22 <sup>nd</sup> | 38     | 32 <sup>nd</sup> | 18     |
| 3 <sup>rd</sup>  | 82     | 13 <sup>th</sup> | 56     | 23 <sup>rd</sup> | 36     | 33 <sup>rd</sup> | 16     |
| 4 <sup>th</sup>  | 76     | 14 <sup>th</sup> | 54     | 24 <sup>th</sup> | 34     | 34 <sup>th</sup> | 14     |
| 5 <sup>th</sup>  | 72     | 15 <sup>th</sup> | 52     | 25 <sup>th</sup> | 32     | 35 <sup>th</sup> | 12     |
| 6 <sup>th</sup>  | 70     | 16 <sup>th</sup> | 50     | 26 <sup>th</sup> | 30     | 36 <sup>th</sup> | 10     |
| 7 <sup>th</sup>  | 68     | 17 <sup>th</sup> | 48     | 27 <sup>th</sup> | 28     | 37 <sup>th</sup> | 8      |
| 8 <sup>th</sup>  | 66     | 18 <sup>th</sup> | 46     | 28 <sup>th</sup> | 26     | 38 <sup>th</sup> | 6      |
| 9 <sup>th</sup>  | 64     | 19 <sup>th</sup> | 44     | 29 <sup>th</sup> | 24     | 39 <sup>th</sup> | 4      |
| 10 <sup>th</sup> | 62     | 20 <sup>th</sup> | 42     | 30 <sup>th</sup> | 22     | 40 <sup>th</sup> | 2      |

- 13.2 Points will only be awarded to the *Drivers* classified as finishers in the final results of each race.
- 13.3 Points for any race which is stopped (red flagged) and not restarted will be awarded in accordance with the requirements of the *CRSR*.

**NOTE:** For the avoidance of doubt, any race that is scheduled with a time certain finish and finishes (is chequered flagged) in accordance with the scheduled finish time will result in a full allotment of Series points being awarded irrespective of the number of laps completed by the leader.

13.4 In the event of multiple *Drivers* being tied, the higher position will be awarded to the *Driver* with the highest number of first place finishes. If at this stage a tie still exists, it will be resolved by comparing the number of second, third or fourth places (and so on) achieved by each tied *Driver* until all positions have been determined.

#### **S14 EVENT OPERATIONS**

## S14.1 Driver Briefing

- 14.1.1 Each *Driver* and Team Manager must attend the *Driver* Briefing for each *Event*, as conducted by *Motorsport Australia*.
- 14.1.2 The time, format and location of the briefing/s will be specified in the Supplementary Regulations for the Event.
- 14.1.3 Additional compulsory briefings may be convened and will be advised to each Competitor accordingly.



#### S14.2 Parc Fermé

- 14.2.1 The location of Parc Fermé at each Event will be specified in the Pre-Event Guide as published by the CA.
- 14.2.2 Unless otherwise approved by the *TM*, each *Driver* may consume a maximum of one litre of fluid after each session whilst in *Parc Fermé*.
- 14.2.3 Unless otherwise approved by the *TM*, with exception of the team member specified in Regulation S14.2.4, any unauthorised person is prohibited to enter *Parc Fermé* or touch an *Automobile* that is impounded in *Parc Fermé*, until the *Automobile* is released from *Parc Fermé*, in accordance with Regulation S14.2.5.
- 14.2.4 One team member per *Automobile* may enter *Parc Fermé* for the sole purpose of checking tyre pressures. Once this team member has finished checking tyre pressures, they must leave *Parc Fermé* immediately.
- 14.2.5 An *Automobile* (or any component thereof) and/or *Driver* may not leave *Parc Fermé* without the approval of the *TM* or their nominee or the Chief Scrutineer.

#### S14.3 Driver/Competitor Departure from the Precinct

For judicial purposes, each *Driver* and *Competitor* must remain at the *Precinct* following the conclusion of the final *Track* session each day, until officially released by the *CA*.

#### S14.4 Practice

Automobiles will be assembled in the marshalling area prior to each practice session as directed by the CA via the RMC.

#### S14.5 Qualifying

- 14.5.1 Automobiles will be assembled in the marshalling area prior to each qualifying session as directed by the CA via the RMC.
- 14.5.2 During a qualifying session, unless re-joining the *Track*, an *Automobile* may not exit Pit Lane without the prior approval of the *TM*.
- 14.5.3 Any *Automobile* that breaches Regulation S14.5.2, will be prohibited to re-join that session and a penalty of *Disqualification* from the results of that session will be imposed.
- 14.5.4 Any *Driver* that causes a qualifying session to be stopped (Red Flagged) will have their fastest lap time for that session deleted from the results.
- 14.5.5 Unless otherwise approved by the *TM* or their nominee, with exception of checking tyre pressures and/or adjusting shock absorbers, no work may be carried out on an *Automobile* during a qualifying session.
- 14.5.6 Unless otherwise advised by the *CA* via the RMC, at the conclusion of qualifying, each *Automobile* and *Driver*, including any *Automobile/Driver* that completed the session in Pit Lane or any *Automobile/Driver* that enters Pit Lane whilst the Chequered Flag is being displayed, must proceed directly to *Parc Fermé* via the most direct route (or as directed by an Official) without stopping and without interference from an authorised third party.

#### S14.6 Races

Unless otherwise advised by the *CA* via the RMC, at the conclusion of each race, each *Automobile* and *Driver*, including any *Automobile/Driver* that completed the session in Pit Lane or any *Automobile/Driver* that enters Pit Lane whilst the Chequered Flag is being displayed, must proceed directly to *Parc Fermé* via the most direct route (or as directed by an Official) without stopping and without interference from an unauthorised third party.

#### S14.7 Pit Lane

- 14.7.1 Each *Automobile* may only stop/pit in their designated pit bay, in accordance with the Pit Lane Allocation published by the *CA*.
- 14.7.2 During each practice and qualifying session, each *Automobile* must park nose-in on a 45 degree angle whilst in their designated pit bay.
- 14.7.3 During each race, each Automobile must park parallel to Pit Lane whilst in their designated pit bay.
- 14.7.4 In the event of a session being stopped (Red Flagged), unless advised otherwise by the *CA* via the RMC, each *Automobile* must proceed directly to Pit Lane and park nose-in on a 45 degree angle in their designated pit bay until advised otherwise via the RMC.

#### S14.8 Removal of Automobile from the Precinct

Following the commencement of the first practice session at each *Event*, an *Automobile* may not be removed from the *Precinct* during the *Event*, without the prior approval of the *TM*.

## \$14.9 Radio Communication to/from Automobile

- 14.9.1 At least one (1) team member must be in direct radio communication with the *Driver* whilst the *Driver* is in the *Automobile*. During each *Track* session, this team member must be in the vicinity of the *Drivers* designated pit bay in Pit Lane.
- 14.9.2 Direct communication between competing *Automobiles/Drivers* is prohibited.



#### \$14.10 Race Management Channel (RMC)

- 14.10.1 A minimum of one (1) senior team member for each *Automobile* must monitor RMC at all times from 30 minutes prior to the scheduled start of each *Track* session, until 10 minutes after the completion of each *Track* session.
- 14.10.2 The person monitoring the RMC must be located in the vicinity of the *Automobile's* designated Pit Bay in Pit Lane during each *Track* session.
- 14.10.3 Details of the RMC frequency for each Event will be published by the CA in the Pre-Event Guide.

### S14.11 Lap Triggers

The use of individual lap trigger beacons is prohibited.

#### S15 TYRES

#### S15.1 General

- 15.1.1 Each New Tyre must be purchased from and fitted by the nominated tyre supplier (as specified by the CA) at the Event at which the tyres are to be used.
- 15.1.2 Each New Tyre will only be allocated to a single Automobile, identified by the Automobile's Log Book number.
- 15.1.3 Unless otherwise approved by the TM, a tyre may not be transferred/fitted to another Automobile.
- 15.1.4 With exception of a single 100 mm wide section across the tread face of each tyre to facilitate measuring tread depth, the removal of tyre "build-up" from a tyre by any means other than driving the *Automobile*, is prohibited.
- 15.1.5 The use of any tyre heating, heat retention device or chemical treatment is prohibited.
- 15.1.6 Except on the shoulder of a tyre where there is no measurable tread depth, the tread depth of a tyre must not be less than 2 mm at any point on the tyre.
- 15.1.7 The *TM* reserves the right to impound any tyre between sessions.
- 15.1.8 Unless otherwise approved by the *TM*, once qualifying has commenced, a tyre may not be removed from or rotated on the wheel rim which it has been fitted to, until after the completion of the *Event*.
- 15.1.9 The *TM* is the sole arbiter with regard to the interpretation and application of all tyre regulations and any decision made by the *TM* in this regard will not be the subject of any protest or appeal.

#### S15.2 Allocation and Marking

- 15.2.1 At each *Event*, each *Competitor* must have four (4) tyres <u>New Tyres</u> per *Automobile* marked by the *TM* or their nominee, for use in qualifying and races at that *Event*.
- 15.2.2 For the first *Event* in which a *Competitor* competes, a maximum of two (2) tyres detailed in Regulation S15.2.1 may be *New Tyres*, with the remainder being *Previously Used Tyres*, irrespective of whether the tyres are previously marked.
- 15.2.3 For each subsequent Event in which a Competitor competes, a maximum of two (2) tyres detailed in Regulation 15.2.1 may be New Tyres, with the remainder being Previously Used Tyres and Previously Marked Tyres from the preceding Event.
- 15.2.2 If one (1) or more of the tyres detailed in Regulation S15.2.1 become damaged, rendering it unusable in the sole opinion of the *TM*, the *TM* may approve for the damaged tyre/s to be replaced by a *New Tyre*/s.
- 15.2.3 If a tyre is replaced in accordance with Regulation S15.2.24:
  - 15.2.3.1 The replacement tyre/s must be purchased from and fitted by the nominated tyre supplier for the
  - 15.2.3.2 The replacement tyre/s must be marked by the TM;
  - 15.2.3.3 The replacement tyre/s must be fitted to the Automobile in the position nominated by the TM.
  - 15.2.3.4 The *TM* reserves the right to impound the damaged tyre/s for further inspection.

## S15.3 Practice Tyres

- 15.3.2 For the first Event in which a Competitor competes, the Automobile must be fitted with Previously Used Tyres, irrespective of whether the tyres are previously marked.
- 15.3.3 <u>For each subsequent Event in which a Competitor competes, the Automobile must be fitted with Previously Used Tyres and Previously Marked Tyres from the preceding Event.</u>
- 15.3.4 <u>If a Competitor/Automobile does not have a sufficient number of eligible tyres to use for practice, the TM reserves the right to approve the use of a substitute tyre/s.</u>

For each practice session, the Automobile must be fitted with Previously Used Tyres, irrespective of whether the tyres are previously marked.



#### **S16 FUEL**

#### S16.2 **Fuel**

16.2.2 Each Competitor must only use the specified Control Fuel as supplied by the Control Fuel supplier.

RaceFuels Pty Ltd

Sean Scott

37 - 41 Mark Anthony Drive,

Dandenong South, VIC 3175

Telephone: (03) 9706 5233

Mobile: 0417 368 543

Email: info@racefuels.com.au

- Fuel may only be stored and dispensed from the approved container/s as supplied by the Control Fuel supplier 16.2.3 (as detailed in Attachment A).
- 16.2.4 The transportation of fuel to and from each Event (other than fuel in the fuel tank of the Automobile) is prohibited.
- 16.2.5 Each Automobile is required to arrive at each Event with minimal fuel in the fuel tank system for garage manoeuvring purposes only.
- For the purpose of fuel testing, each Automobile must have a minimum of 500 ml of fuel in the fuel system at 16.2.6 the completion of each Track session.

#### S16.3 Refuelling

- 16.3.2 When refuelling an Automobile each Competitor is required to comply with the following refuelling procedure:
  - All personnel within one (1) metre of the Automobile must be correctly attired in accordance with Technical Appendix, Scheduled D (Apparel) of the Motorsport Australia Manual.
  - 16.3.2.2 At least one (1) crew member must be designated as a fire marshal and in possession of either a 9 kg or 2 x 4.5 kg dry powder fire extinguisher/s.
  - 16.3.2.3 The designated fire marshal must not perform any other role or duty during the refuelling procedure.
  - A drip/catch mat/tray capable of containing any spillage must be positioned below the refuelling 16.3.2.4 point of the Automobile.

#### S17 **ENGINE OIL**

- 17.1 Each Competitor must only use the specified Control Engine Oil in accordance with Regulation T7.2.1.
- At all times, each Automobile must have a minimum of 5000 ml of Control Engine Oil in the sump pan. 17.2

NOTE: For the avoidance of doubt, the minimum oil requirement does not include oil in the oil cooler or any other part of the engine.

#### **S18 AUTOMOBILE MARKINGS**

#### S18.2 General

- 18.2.2 In addition to the Series signage requirements as specified by the CA, each Automobile must comply with Technical Appendix, Schedule K (Marking on Automobiles) of the Manual.
- Unless otherwise approved by the CM, displaying signage of an Automobile manufacturer other than TOYOTA 18.2.3 on an Automobile is prohibited.
- Only sponsorship material approved by the CM, including, but not limited to, signage, Automobile decals and 18.2.4 uniforms, may be displayed by a Competitor.
- With exception of the Series Signage as specified by the CA, signage is prohibited to be displayed on the front 18.2.5 windscreen, rear windscreen or side windows of the Automobile.
- The CM is the sole arbiter with regard to the interpretation and application of all Automobile Markings 18.2.6 regulations and any decision made by the CM in this regard, will not be the subject of any protest or appeal.

#### S18.3 **Competition Numbers**

- 18.3.2 The allocation of a Competition Number for each Automobile is solely the responsibility of the CA.
- Unless otherwise approved by the CA, once a Competition Number has been allocated to an Automobile, that 18.3.3 Competition Number must remain with that Automobile for the entire Series.

### In-Car Signage

Individual Competitor signage is prohibited to be displayed inside the Automobile.

### Series Signage

Each Automobile must display the Series Signage as specified by the CA:



#### **S19 TESTING RESTRICTIONS**

Unless otherwise approved in writing by the CA, testing of any eligible Automobile and/or Driver deemed to be associated with the Series, is prohibited at a Circuit during the seven (7) days preceding an Event at that Circuit.

#### S20 JUDICIAL

#### S20.2 In-car Camera

- 20.2.2 Each Automobile must be fitted with a judicial in-car camera unit, in accordance with Regulation T5.6.
- 20.2.3 The judicial in-car camera unit must be switched on and remain fully operational and record video images from the commencement of each *Track* session, until the *Automobile* is released from *Parc Fermé*.
- 20.2.4 The judicial in-car camera unit must be installed in accordance with Regulation T5.6 and be adjusted in such a way to at all times provide clear unobstructed images of the *Driver's* view of the *Track* ahead, as depicted in Attachment B or as directed by the *CA*.
- 20.2.5 Each Competitor must have 6 x 16GB or greater micro-SD cards at each Event, clearly labelled with their Automobiles competition number.
- 20.2.6 Unless otherwise approved by the *CA*, only the *DSA* or their nominee may remove the judicial in-car camera unit from the *Automobile* or the SD card from the judicial in-car camera unit.
- 20.2.7 Unless otherwise approved in writing by the *CA*, the data stored on each SD card may not be deleted/cleared until after the completion of each *Event*.
- 20.2.8 Access to the judicial in-car camera unit must be provided to the CA, DSA, or TM at any time upon request.
- 20.2.9 Unless otherwise approved by the *CA* in writing, the video images recorded by the judicial in-car camera unit may not be used for any purpose, other than that determined by the *CA*.
- 20.2.10 Once the SD card/s are returned by the *DSA* or *CA*, *Competitors* may access the video images for private internal team use only.

**NOTE:** For the avoidance of doubt, video images capture by the judicial in-car camera unit cannot be sold, licensed, broadcast, published, commercially exploited, or otherwise publicly displayed or distributed, including in any case via the internet.

- 20.2.11 All video images recorded by the judicial in-car camera unit are the property of the CM.
- 20.2.12 Unless otherwise approved by the *CA* in writing, the fitment and/or use of any other camera unit or recording device in or on an *Automobile* is prohibited.

#### S20.3 Demerit Point System

- 20.3.2 Each Competitor and Driver will commence the Series with three (3) demerit points.
- 20.3.3 If a *Driver* is found guilty of either a Code of Driving Conduct breach or a behavioural breach, in addition to the penalty imposed by the Stewards, a demerit point penalty will be imposed, in accordance with the following:

| Infringement                   | Infringement<br>Level | Demerit Point<br>Deduction |
|--------------------------------|-----------------------|----------------------------|
|                                | Low                   | 1 Point                    |
| Code of Driving Conduct Breach | Medium                | 2 Points                   |
|                                | High                  | 3 Points                   |
|                                | Low                   | 1 Point                    |
| Behavioural Breach             | Medium                | 2 Points                   |
|                                | High                  | 3 Points                   |

- 20.3.4 It is the Competitor's responsibility to ensure the Driver and all associated team members (as determined by the CA), conduct themselves in a respectable manner at all times. Should the behaviour of a Competitor, Driver or an associated team member be deemed to be unacceptable, the Competitor will be referred to the Stewards.
- 20.3.5 If a *Competitor* is found guilty of a behavioural breach, in addition to the penalty imposed by the Stewards, a demerit point penalty will be imposed, in accordance with the table above.
- 20.3.6 If a *Competitor/Driver* loses a total of three (3) or more demerit points during the *Series*, the *Competitor/Driver* will be prohibited from *Entering* any future *Events* in the *Series*.
- 20.3.7 A *Competitor/Driver* who is prohibited to *Enter* any future *Event* of the *Series* may be eligible to re-enter the *Series* once they have met the requirements for re-entry, as determined by the *CA*.
- 20.3.8 The CM reserves the right to prohibit any Competitor/Driver from re-entering the Series.





## **S21** COMPETITOR CONDUCT

- 21.1 Each Competitor, Driver and associated team member are required to comply with the following:
  - 21.2.3 Motorsport Australia Member Protection Health & Integrity Policy, and;
  - 21.2.4 Motorsport Australia Social Media Policy.







## **ATTACHMENT A - FUEL CONTAINER**







## ATTACHMENT B - JUDICIAL IN-CAR CAMERA FRAMING







# 2023 Toyota Gazoo Racing Australia Scholarship Series

# **Technical Regulations**

#### T1 GENERAL

- 1.1 In addition to these regulations and the *Motorsport Australia Recognition Documents*, each *Automobile* must comply with the Technical Appendix of the *Motorsport Australia Manual*. If at any time the documents conflict, these regulations will take precedence.
- 1.2 Subject to the prior approval of *Motorsport Australia*, the *CM* reserves the right to make changes to these regulations at any time.
- 1.3 In the event of a dispute, parts or specifications of the *Automobile* in question will be compared against parts and/or specifications supplied by *TMCA*. *TMCA* and the *CA* reserve the right to update part numbers from time to time as required.

#### T2 ELIGIBILITY

## **T2.1** Homologation Requirements

- 2.1.1 With exception of those components that are permitted to be replaced, removed or modified in accordance with these regulations and/or the *Motorsport Australia Recognition Documents*, each *Automobile* and its components must remain *Standard* and respect the form, orientation and function of the production model on which the eligible *Automobile* is based.
- 2.1.2 Unless otherwise permitted in these regulations and/or the *Motorsport Australia Recognition Documents*, each homologated component must be fitted and function in accordance with the component manufacturer's specifications and recommendations.
- 2.1.3 Any aspect relating to the construction, modification and/or preparation of an *Automobile* that is not specifically authorised in these regulations and/or the *Motorsport Australia Recognition Documents*, is prohibited.
- 2.1.4 At the request of the *TM* in conjunction with the Chief Scrutineer, the Stewards may approve an *Automobile* for a minor ineligibility, in accordance with the *NCR*.
- 2.1.5 If a minor ineligibility is approved in accordance with Regulation T2.1.4, as a result of post qualifying/race scrutiny, the *CA* reserves the right to recommend to the Stewards that a penalty is imposed.
- 2.1.6 Any measurement tool and the method of measurement used by the *TM* or their nominee will be considered to be the official measurement tool/method and will not be the subject of any protest or appeal.

#### T2.2 Eligible Automobiles

- 2.2.1 Only the following *Automobiles*, imported into Australia by *TMCA* with Australian compliance and built, in accordance with the *Motorsport Australia Recognition Documents* to the satisfaction of the *TM*, are eligible to compete in the *Series*:
  - 2.2.1.1 Toyota 86 GT (86 ZN6 SER model designation AK, BK, CK or DK)
  - 2.2.1.2 Toyota 86 GTS (86 ZN6 SER model designation AK, BK, CK or DK)

**NOTE:** For the avoidance of doubt, later model variants and/or components from later model variants may not be used.

- 2.2.2 The presentation of an *Automobile* for participation in any *Event* will be deemed to be an implicit statement by the *Competitor* of conformity with respect to the eligibility of the *Automobile*.
- 2.2.3 The *TM* reserves the right to seal any *Automobile* or component thereof for future examination at a later date and time, in accordance with the *NCR*. All costs associated with the examination must be borne by the *Competitor*.

## T2.3 Scrutineering

- 2.3.1 Scrutineering at each Event will be conducted in accordance with the Motorsport Australia Targeted Scrutiny System.
- 2.3.2 It is the *Competitor's* responsibility to present their *Automobile* for scrutineering at the appropriate times, in a complete and finished state, in 'ready to race' condition, including all markings and seals, in accordance with these regulations and the *Motorsport Australia Recognition Documents*.

## T2.4 Component Sealing

- 2.4.1 It is the *Competitor's* responsibility to ensure that each component that is required to be sealed, is done so by the correct authority prior to or during the first *Event* in which the *Automobile* competes, in accordance with the relevant *Motorsport Australia Recognition Documents*.
- 2.4.2 To facilitate the fitment of component seals, prior to presenting the components for sealing, it is the *Competitor's* responsibility to ensure that the appropriate holes have been drilled into relevant components, in accordance with the *Motorsport Australia Recognition Documents*.





- 2.4.3 Unless otherwise approved in writing by the *TM*, each sealed component must remain sealed for the duration of the *Series*.
- 2.4.4 Unless otherwise approved in writing by the *TM*, a component seal must only be removed by the *TM* or their nominee, or the EIO.
- 2.4.5 If written approval is given for a seal to be removed by someone other than those nominated in Regulation T2.4.4, the component must only be re-sealed by the *TM* or their nominee.
- 2.4.6 If an *Automobile* is found not to have a seal fitted in accordance with the *Motorsport Australia Recognition Documents*, or the seal is deemed to be incorrect and/or has been tampered with, the *Competitor* of the *Automobile* will be referred to the Stewards.

#### T3 CONTROL COMPONENTS

- 3.1 Unless stated otherwise in these regulations, a *Control Component* must only be purchased from and supplied by the *Control Component Supplier*, as detailed in the *Motorsport Australia Recognition Documents*.
- 3.2 With exception of brake calipers, each *Control Component* must only be adjusted, serviced and/or rebuilt by the *Control Component Supplier*.

#### T4 WEIGHT

#### T4.1 Racing Weight

At all times, each Automobile and Driver combination must achieve a minimum Racing Weight of 1280 kg.

#### T4.2 Driver Weight

At all times, each *Driver* must achieve a minimum *Driver* weight of 85 kg (including all normal racing apparel).

#### T4.3 Automobile Weight

At all times, each Automobile must achieve a minimum Automobile weight of 1195 kg.

#### T4.4 Ballast

- 4.4.1 Only *Ballast* supplied by the *TM* may be fitted to the *Automobile* and must be securely affixed to the *Ballast* mounting plate fixing points located in the front passenger *Seat* position, in accordance with the *Motorsport Australia Recognition Documents*.
- 4.4.2 Ballast may be affixed to the Automobile to achieve the minimum Driver weight.
- 4.4.3 A maximum of 15 kg of *Ballast* may be affixed to the *Automobile* to achieve the minimum *Automobile* weight.
- 4.4.4 Fuel may not be used as a form of Ballast.
- 4.4.5 It is the Competitor's responsibility to make provision for any Ballast to be sealed by the TM.

#### T5 COCKPIT

#### T5.1 General

- 5.1.1 Only the following items may be removed from the *Cockpit* of an *Automobile*, all other items/components in the *Cockpit* must remain *Standard* and respect the original function:
  - 5.1.1.1 Roof lining;
  - 5.1.1.2 Front & rear interior trim;
  - 5.1.1.3 Floor carpet and associated underfelt;
  - 5.1.1.4 Front passenger Seat;
  - 5.1.1.5 Rear Seats, and;
  - 5.1.1.6 Radio
- 5.1.2 Only the minimum amount of material may be removed from the dashboard and door trim to facilitate the fitment of the safety cage.
- 5.1.3 If the radio is removed, it must be replaced by a flat panel blanking plate, in accordance with the *Motorsport Australia Recognition Documents*.
- 5.1.4 Provided the location of the steering angle sensors and their operation are retained, a replacement steering wheel and steering wheel boss may be fitted to an *Automobile*.
- 5.1.5 Only the following components may be added to the *Cockpit* of an *Automobile*, provided the component does not hinder the *Driver's* visibility or ability to exit the *Cockpit*, and the method of mounting is able to withstand a deceleration of 25g in any direction:
  - 5.1.5.1 Safety equipment and structures;
  - 5.1.5.2 Authorised *Driver* comfort aids;
  - 5.1.5.3 MoTeC C125 Race Logging Kit;
  - 5.1.5.4 Judicial in-car camera/s and associated equipment;





#### T5.2 Safety Cage

- 5.2.1 No alterations or additions may be made to the safety cage design, as supplied by the *Control Component Supplier* and detailed in the *Motorsport Australia Recognition Documents*.
- 5.2.2 Prior to the commencement of any repairs, the *Competitor* must notify the *TM* if a safety cage is damaged, or if an *Automobile* requires re-shelling.
- 5.2.3 A safety cage may only be installed into an *Automobile* by an authorised installer, as determined by the *TM*. A list of authorised installers is available from the *TM*.

#### T5.3 Driver's Seat

- 5.3.1 The *Driver's Seat* must be replaced with a FIA homologated head restraint *Seat* that complies with the FIA 8855/1999 standard as a minimum.
- 5.3.2 When installing a replacement *Seat* that complies with the FIA 8862/2009 standard, only the homologated *Seat* mounting brackets for that particular *Seat* may be used.
- 5.3.3 Only the original mounting holes may be used for the fitment of the replacement *Seat* and no additional modifications may be made to the floor of an *Automobile* to facilitate the fitment.

### T5.4 Safety Harness

The *Driver's* seat belt must be replaced with either a '5 point' or '6 point' safety harness that complies with the FIA 8853/98 or FIA 8853-2016 standard, in compliance with Technical Appendix, Schedule I of the *Manual* that is suitable for use with a Frontal Head Restraint.

#### T5.5 Driver Comfort Aids

- 5.5.1 A drink bottle may be fitted to an *Automobile* for the sole purpose of *Driver* hydration provided that:
  - 5.5.1.1 The drink bottle and associated plumbing is located wholly within the *Cockpit* of the *Automobile*;
  - 5.5.1.2 The total volume of the drink bottle and associated plumbing does not exceed 2 litres;
  - 5.5.1.3 The drink bottle is of proprietary manufacture; and
  - 5.5.1.4 The drink bottle is securely mounted behind the *Driver's Seat* to the satisfaction of the *TM*.
- 5.5.2 Subject to the approval of the *TM*, an additional pad may be fitted to the face of the *Standard* brake pedal.
- 5.5.3 Subject to the approval of the *TM*, a false floor may be fitted to the *Driver's* side footwell.
- 5.5.4 If the ambient temperature of the day at 8am (as published by the Bureau of Meteorology, including its international affiliates) is forecast to be above 32.9°C for the nearest city/town to the *Circuit*, a cooling system may be fitted to an *Automobile* for the sole purpose of *Driver* comfort, subject to the approval of the *TM*.

## T5.6 Judicial In-Car Camera

- 5.6.1 Each *Automobile* must be fitted with a GoPro Hero judicial in-car camera unit and securely mounted in the *Cockpit* of the *Automobile* using the GoPro roll bar mount, in accordance with the *Motorsport Australia Recognition Documents* and to the satisfaction of the *TM* and Chief Scrutineer.
- 5.6.2 The judicial in-car camera system must be installed in accordance with all instructions provided by the *TM*; and remain as supplied by the manufacturer.

## **T5.7** Timing Transmitter

Each *Automobile* must be fitted with a Dorian Micro 16000 DATA-1 series timing transmitter in the location specified in the *Motorsport Australia Recognition Documents*.

#### T6 COACHWORK

- 6.1 The windscreen must be of laminated glass construction.
- 6.2 Additional fixings may be added to non-metallic *Bodywork*, for the sole purpose of securing a component to the *Automobile*, subject to the satisfaction of the *TM*.
- 6.3 Any removable component, which sole purpose is to support and/or facilitate the removal of the spare wheel, may be removed.
- Any fog lamp in the front bumper cover may be removed and replaced with a blanking cover, as detailed in the *Motorsport Australia Recognition Documents*.
- 6.5 Each front inner plastic wheel arch guard may be removed.
- 6.6 The rear boot spoiler must be fitted in accordance with the Motorsport Australia Recognition Documents.
- 6.7 Any ventilation duct must not be covered or obstructed in any way.
- 6.8 Window glass must not be tinted.
- 6.9 The *Standard* plastic underbody brake line shield must be removed and replaced with an aluminium plate, in accordance with the *Motorsport Australia Recognition Documents*.



#### T7 ENGINE

#### T7.1 General

- 7.1.1 Sound deadening material located under the bonnet may be removed.
- 7.1.2 The air conditioning condenser and its associated hoses may be removed.

**NOTE:** All other air conditioning components, including the air conditioning pump and the driving belt, must be retained.

7.1.3 The throttle pedal stop must be replaced, in accordance with the *Motorsport Australia Recognition Documents*.

#### T7.2 Oil

- 7.2.1 At each *Event*, each *Automobile* must only use the following engine oil, in accordance with Regulation S17:
  - 7.2.1.1 Manufacturer: Mobil 1
  - 7.2.1.2 Specification: 5W-30 Keeps Engine Running Like New (Product Code: 145620)
- 7.2.2 With exception of ambient atmospheric air, no other substance may be added to the engine oil.
- 7.2.3 The oil sump pan must be fitted with a baffle insert, in accordance with the *Motorsport Australia Recognition Documents*.

#### T7.3 Cooling System

A protective screen mounted in front of the radiator may be fitted, subject to the satisfaction of the TM.

#### T8 SUSPENSION

#### T8.1 General

- 8.1.1 Any suspension component must only be adjusted within the permissible tolerances provided.
- 8.1.2 The *TM* reserves the right to impound any suspension component from an *Automobile* at any time and replace it with a component that is supplied by the *CM*.

#### T8.2 Ride Height

- 8.2.1 Each *Automobile* must comply with the following minimum ride height as measured in accordance with the *Motorsport Australia Recognition Documents*:
  - 8.2.1.1 Front 140mm
  - 8.2.1.2 Rear 280mm
- 8.2.2 Ride height will be measured by the *TM* or their nominee with the fully attired *Driver* seated in the *Driver's Seat* and each tyre set to a pressure of 26 psi as measured by the nominated official tyre pressure gauge.

#### T8.3 Camber

- 8.3.1 Each Automobile must comply with the following maximum wheel camber:
  - 8.3.1.1 Front negative 4.0°
  - 8.3.1.2 Rear negative 2.5°
- 8.3.2 Camber will be measured by the *TM* or their nominee using the nominated official camber gauge, with the fully attired *Driver* seated in the *Driver's Seat* and each tyre set to a pressure of 26 psi as measured by the nominated official tyre pressure gauge.

#### T9 ELECTRICAL

#### T9.1 Telemetry

Unless otherwise approved in writing by the *CA*, the use of any form of telemetry or the transmission of any data to or from the *Automobile* is prohibited.

### T9.2 Electronic Engine Control Unit (ECU)

- 9.2.1 The *Standard* ECU must be replaced by a MoTeC M150 ECU containing the control software and firmware as owned and installed by the *CM*.
- 9.2.2 Unless otherwise approved in writing by the *TM*, with exception of any software and firmware owned by the *CM*, the ECU, the wiring loom adaptor and any other associated wiring must remain *Standard*.
- 9.2.3 All sensor inputs and outputs to the ECU must be connected and operational at all times.
- 9.2.4 Ownership of all software and firmware (i.e. engine maps and other programs) contained in the ECU remains that of the *CM*, and subsequently must only be accessed or modified by the *TM* or their nominee.



- 9.2.5 It is the *Competitor's* responsibility to ensure the *Standard* ECU belonging to the *Automobile* is present at each *Event* to facilitate the calibration of the steering angle re-alignment if required. The *TM* will be responsible for any calibration which may be required.
- 9.2.6 The *TM* reserves the right to inspect, re-program and/or impound any ECU at any time. If an ECU is impounded, it will be replaced with an ECU that is supplied by the *CM*.

#### T9.3 Data

- 9.3.1 Each *Automobile* must be fitted with a MoTeC C125 Race Logging Kit utilising the *Standard* OBDII connection and loaded with the latest version of firmware.
- 9.3.2 Unless otherwise approved in writing by the TM, only the following data storage devices may be used:
  - 9.3.2.1 The ECU in accordance with Regulation T9.2;
  - 9.3.2.2 The judicial in-car camera in accordance with Regulation T5.6; and
  - 9.3.2.3 A MoTeC C125 Race Logging Kit.
- 9.3.3 Each data storage device must be installed in accordance with the instructions provided by the *TM*; and must remain as supplied by the manufacturer.
- 9.3.4 The MoTeC C125 Race Logging Kit must log all mandatory data for the duration of all *Track* sessions at or above the minimum specified frequency in accordance with Regulation T9.3.9.
- 9.3.5 Any error, action, omission or failure which causes a loss of any mandatory data, inaccurate mandatory data or any mandatory data which appears to have been tampered with, will be investigated and may be deemed as a breach of these regulations.
- 9.3.6 The GPS *Track* coordinates (as published by MoTeC) must be loaded into the MoTeC C125 Race Logging Kit prior to the first practice session at each *Event*.
- 9.3.7 Access to all data from the MoTeC C125 Race Logging Kit and the ECU must be provided to the CA, DSA or TM at any time upon request.
- 9.3.8 Unless otherwise approved in writing by the *CA*, all data stored in the MoTeC C125 Race Logging Kit by the ECU may not be deleted/cleared until after the completion of each *Event*.
- 9.3.9 With exception of the channels contained in the 'Data Set' transmitted to the MoTeC C125 Race Logging Kit by the ECU, only those inputs listed below are permitted to be connected to the MoTeC C125 Race Logging Kit and must be connected to the listed input location and logged at the specified sample rate:

| Permitted Inputs                            | Input Pin/s | Mandatory<br>Logging | Sample Rate<br>(Hz) |
|---------------------------------------------|-------------|----------------------|---------------------|
| ABS Status                                  | CAN         | Yes                  | 10                  |
| Brake Pressure                              | CAN         | Yes                  | 20                  |
| Brake Switch                                | CAN         | Yes                  | 10                  |
| Corrected Speed                             | CAN         | Yes                  | 50                  |
| ECU Battery Voltage                         | CAN         | Yes                  | 10                  |
| Engine Efficiency                           | CAN         | Yes                  | 20                  |
| Engine Load                                 | CAN         | Yes                  | 20                  |
| Engine Oil Temperature                      | CAN         | Yes                  | 5                   |
| Engine Speed - RPM                          | CAN         | Yes                  | 50                  |
| Engine Torque                               | CAN         | Yes                  | 50                  |
| Engine Water Temperature                    | CAN         | Yes                  | 5                   |
| Exhaust Camshaft Aim                        | CAN         | Yes                  | 10                  |
| Exhaust Camshaft Bank 1 Actuator Duty Cycle | CAN         | Yes                  | 10                  |
| Exhaust Camshaft Bank 1 Position            | CAN         | Yes                  | 10                  |
| Exhaust Camshaft Bank 2 Actuator Duty Cycle | CAN         | Yes                  | 10                  |
| Exhaust Camshaft Bank 2 Position            | CAN         | Yes                  | 10                  |
| Fuel Cylinder 1 Primary Pules Width         | CAN         | Yes                  | 10                  |
| Fuel Mixture Aim                            | CAN         | Yes                  | 20                  |
| Fuel Pressure - Direct                      | CAN         | Yes                  | 10                  |
| Fuel Pressure - Direct Aim                  | CAN         | Yes                  | 10                  |
| Fuel Pressure - Direct Injection            | CAN         | Yes                  | 20                  |
| Fuel Pressure - Port Injection              | CAN         | Yes                  | 20                  |



| Fuel Pressure - Primary Duty Cycle        | CAN | Yes | 20  |
|-------------------------------------------|-----|-----|-----|
| G Force - Lateral                         | CAN | Yes | 25  |
| G Force - Longitudinal                    | CAN | Yes | 25  |
| Gear                                      | CAN | Yes | 10  |
| GPS Date                                  | CAN | Yes | 1   |
| GPS Speed                                 | CAN | Yes | 10  |
| GPS Time                                  | CAN | Yes | 1   |
| Ignition Cycle 1 Knock Level              | CAN | Yes | 100 |
| Ignition Cycle 2 Knock Level              | CAN | Yes | 100 |
| Ignition Cycle 3 Knock Level              | CAN | Yes | 100 |
| Ignition Cycle 4 Knock Level              | CAN | Yes | 100 |
| Ignition Timing                           | CAN | Yes | 10  |
| Inlet Air Temperature                     | CAN | Yes | 5   |
| Inlet Camshaft Aim                        | CAN | Yes | 10  |
| Inlet Camshaft Bank 1 Actuator Duty Cycle | CAN | Yes | 10  |
| Inlet Camshaft Bank 1 Position            | CAN | Yes | 10  |
| Inlet Camshaft Bank 2 Actuator Duty Cycle | CAN | Yes | 10  |
| Inlet Camshaft Bank 2 Position            | CAN | Yes | 10  |
| Inlet Manifold Air Mass Flow              | CAN | Yes | 20  |
| Inlet Manifold Pressure                   | CAN | Yes | 10  |
| Knock Threshold                           | CAN | Yes | 100 |
| Lambda                                    | CAN | Yes | 20  |
| Steering Angle                            | CAN | Yes | 20  |
| Throttle Position - Driver                | CAN | Yes | 10  |
| Throttle Position - Engine                | CAN | Yes | 50  |
| Wheel Speed Front Left                    | CAN | Yes | 50  |
| Wheel Speed Front Right                   | CAN | Yes | 50  |
| Wheel Speed Rear Left                     | CAN | Yes | 50  |
| Wheel Speed Rear Right                    | CAN | Yes | 50  |
|                                           |     |     |     |

- 9.3.10 Only the minimum wiring required to install the sensors utilised for the inputs listed above are permitted.
- 9.3.11 Additional sensors may be fitted to an *Automobile* for the sole purposes of logging those inputs detailed in Regulation T9.3.9.
- 9.3.12 The MoTeC C125 Race Logging Kit software must not show any pin allocations set up to read inputs or outputs other than those permitted.

### T10 BRAKES

- 10.1 The front backing plate may be removed.
- The outer portion of the rear backing plate may be removed to facilitate the fitment of the rear brake rotor, in accordance with the *Motorsport Australia Recognition Documents*.
- 10.3 Unless otherwise approved by the *TM*, a maximum of four (4) new brake rotors may be fitted to an *Automobile* from the commencement of qualifying at each *Event*.

## T11 WHEELS

Each wheel nut must be made from a ferrous material and be open-ended.

#### T12 TYRES

12.1 Each Automobile must only use the following tyres in accordance with Regulation S15:

Manufacturer: Dunlop
Model: Direzza
Size: 225/40R18
Specification: ZIII 86 spec





12.2 With exception of wear resulting from normal usage, each tyre must remain as supplied by the nominated tyre supplier and respect the manufacturer's recommendations.

#### T13 FUEL SYSTEM

- 13.1 Only premium unleaded fuel as supplied and dispensed by the Official Fuel Supplier may be used.
- 13.2 With exception of ambient atmospheric air and the specified control fuel, no other substance may be added to the intake charge of the engine.

#### T14 EXHAUST

- 14.1 To prevent the exhaust system being dislodged from its mounts in the event of an accident, it is permitted to provide additional support to the exhaust system mounts by:
  - 14.1.1 Adding a hose clamp, cable tie or similar around the rubber section of the mount, and/or;
  - 14.1.2 Adding a tether using suitable tie wire or similar.

#### **T15 TOW POINTS**

Each Automobile must be fitted with both primary and secondary tow points in accordance with the Motorsport Australia Recognition Documents.

#### **T16 NON-GENUINE PARTS**

- 16.1 Freedom of source of supply is permitted for the following replacement parts:
  - 16.1.2 Battery & battery mounting bracket;
  - 16.1.3 Wheel nuts/studs;
  - 16.1.4 Hose clamps;
  - 16.1.5 Oil lines:
  - 16.1.6 Fuses;
  - 16.1.7 Earth straps;
  - 16.1.8 Light globes;
  - 16.1.9 Wiper blades;
  - 16.1.10 Window glass;
  - 16.1.11 Nuts, bolts & fasteners.
- All approved non-genuine parts must be a standard replacement part, must respect the configuration and functional dimensions of the part they replace and be of similar material. The *TM* will be the final arbiter in relation to the use of these items.
- 16.3 The use of any non-genuine part must not result in the unauthorised modification to any other component.