



2024 Australian Drivers' Championship



Rules and Technical Regulations

A dynamic version of the 2024 Australian Drivers' Championship competition rules will be maintained as current on the www.AustralianDriversChampionship.com website. It will have full regulatory value and effect.

It is the competitor's responsibility to review this document before each event as there may have been changes and there is no obligation on Hyper Racer to notify of any change. However, they will endeavour to do so where possible entirely at their discretion.



SERIES SPONSOR



AUSTRALIAN AUTO-SPORT ALLIANCE



Overview

RACING CARS INTERNATIONAL PL is the manufacturer of a car called the Hyper Racer X1. RACING CARS INTERNATIONAL PL and HYPER RACER will be referred to as “**HYPER RACER**” for the remainder of this document “Hyper Racer Australian Drivers’ Championship”, “Hyper Racer ADC” or “Australian Drivers’ Championship” will be referred to as “**ADC**” for the remainder of this document.

The following is to be used in conjunction with the relevant safety documents, supplementary and further regulations from the category manager, event promoter, stewards and event bulletins and guidelines as deemed appropriate by the track officials and/or governing body.

**TECHNICAL SPECIFICATION OF THE HYPER RACER X1 IS
“AS PER MANUFACTURER'S SPECIFICATION”.**

All Hyper Racer X1 vehicles competing in this competition, are to remain unmodified, in their original form, as per the manufacturer's specifications, and as supplied by HYPER RACER.

If this rule book does not explicitly state that a component of the car can be modified, then it is to be assumed that the modification will be deemed a rule breach.

If you are unsure as to whether or not a modification or specific repair may be deemed a rule breach, you should confirm this with the Category Manager (CM) to avoid the inconvenience and costs associated with reversing the modification/repair, as well as any penalties that may be imposed.

These rules are to benefit the ADC class as a whole. Consideration will be given to individual circumstances, but the intent is to keep the cars mechanically equal to each other, with no advantage to any one competitor, while keeping cost to a minimum for this level of motorsport.

ANY CHANGES MADE WILL BE COLOURED IN RED

General Specifications

1.1 Minimum Weight

Minimum combined car and driver race weight (after race) of 520kg.

1.2 Fuel

Commercially available 98 Octane ONLY. No additives are blended or mixed with the standard pump fuel.

1.3 Repairs

It is permissible for people to repair their cars provided they conform to the original specifications and use original parts manufactured by **HYPER RACER**. The production of moulds, patterns or jigs produced from original Hyper Racer parts is forbidden and the use of copies of Hyper Racer parts is prohibited.

1.4 Chassis Ballast

- (a) Ballast weight added to the chassis must be fully secured.
- (b) A maximum Ballast weight of 15kg is permitted for each mounting location.

Body Work and Aerodynamics

2.1 All replacement body panels must be supplied by **HYPER RACER**.

2.2 Repairs to body panels must not change the shape of the panels to aid in aerodynamic performance or alter the visual look of the Hyper Racer X1.

2.3 Adjustable Aerodynamics

Front flap and Rear wing adjustments are permitted within the range of the original hardware.

2.4 Hyper Racer X1 spec tow hooks must be fitted.

ENGINE, DRIVE TRAIN

3.1 Engine Specifications

- (a) Suzuki Hayabusa Gen 2 and Gen 3 Engines, auxiliaries, and drivetrains as supplied and sealed by **HYPER RACER** only or an authorized engine rebuilder found in Rule 3.5(a).
- (b) Engine rebuilds are to be carried out under the control of **HYPER RACER** (see rule 3.5a).
- (c) Replacement components not identical in their supplier and part number are not to be used unless specific permission is granted, via writing from the **HYPER RACER** or **ADC** Category Manager.
- (d) The use of upgraded valve springs is permitted.
- (e) The use of upgraded main studs is permitted.
- (f) The factory Hyper Racer X1 bolt-on muffler is to be used where required.
- (g) Spark Plugs are unregulated.
- (h) Oil Filters are unregulated.
- (i) Air filters must be OEM.
- (j) These engine rules are in place to protect the integrity and cost-effectiveness of the Category. Any breach of the engine rules will be dealt with harshly and treated as deliberate cheating.

3.2 Transmission

- (a) Transmission rebuilds are to be carried out under the control of **HYPER RACER** (via contracted engine builders if required).
- (b) Auto throttle blip and cut, is permitted with Gen 3 Engines only.
- (c) No paddle shifts are allowed except for exceptional circumstances such as a driver with a disability.
- (d) The Hyper Racer X1 Reverse Kit may be fitted.
- (e) The use of upgraded shift forks and rods is permitted and must comply with rule 3.2(a).
- (f) The undercutting of Dog gears is permitted and must comply with the rule.

3.3 Clutch

- (a) A Rekluse centrifugal clutch may be fitted either in conjunction with a hand clutch or as a stand-alone system.
- (b) A hand clutch system may be fitted either in conjunction with a Rekluse system or as a stand-alone system.

3.4 Transmission

Primary and Final drive gear ratios are fixed. 15t drive sprocket and 41t driven sprocket

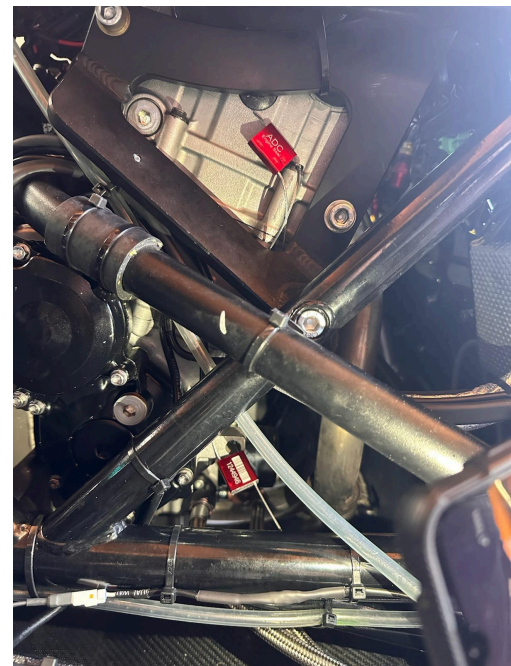
3.5 Engine Rebuilds

(a) Engines must be rebuilt per current regulations using an authorized engine rebuilder from the following list:

- Hyper Racer
- Carbon Racing
- Summons Racing
- Phil Tainton Racing
- Andrew Scott

(b) Authorised Engine builders are to install the 'ADC Engine Seal' in the following locations illustrated below.

ADC Engine Seal Installation Instructions



(c) Competitors must submit their engine information via the [ADC Engine Compliance Form](#) prior to the Round 1 Qualifying session.

(d) Any authorised engine builder must complete the [ADC Engine Building Authorization Form](#) upon completion of any engine work that requires the replacement of the engine seals.

For the 2025 ADC only. Hyper Racer will seal all engines supplied or built by Hyper Racer, prior to round 1 qualifying. Authorised engine builders will need to seal their customers' engines prior to round 1 qualifying.

(e) The following table will be used to delegate penalties regarding engine cheating.

Description of Rule Breach	Rule Number	Penalty to be applied
Non-OEM Component (Non-performance enhancing)	Rule 3.1 (a),(c)	Disqualification from the heat.
Non-OEM Component (Performance enhancing)	Rule 3.1 (a),(c),(i)	Disqualification from the meeting.
Exhaust Infringement	Rule 3.1 (a)	Disqualification from the meeting.
Tampering with engine casings/castings (i.e engine ports)	Rule 3.1 (a)	3-year ban from the ADC.
Modifications involving the machining of parts.	Rule 3.1 (a)	3-year ban from the ADC.
Fuel - Non-conforming	Rule 3.1 (a)	Disqualification from the meeting.
Engine Seals missing	Rule 3.1 (a)	Disqualification from the meeting.

BRAKES

4.1 Brake Pads and Fluids

- (a) Circo S88.HYPER Brake Pads Must be used.
- (b) Brake Fluid is unregulated.

SUSPENSION and STEERING

5.1 Suspension Front and Rear

- (a) Suspension geometry may only be adjusted within the limits of standard spec supplied equipment of the Hyper Racer X1. No alternate ball joints, spherical bearings, rod ends or bushing sleeves are permitted other than the variants supplied with the vehicle.
- (b) The position of the sway bar bushing pins can be adjusted to suit driver preference.

(c) Either Hyper Racer X1 Spec Ohlins or JRI Shock absorbers can be used and must remain unmodified including standard spring rates and valving. Preload may be adjusted.

(d) All shocks must be supplied by **HYPER RACER**

5.2 Steering

(a) Geometry may only be adjusted within the limits of standard spec supplied equipment of the Hyper Racer X1.

(b) Power steering of any kind is prohibited.

ELECTRICAL and DATA

6.1 Electrical

(a) The wiring loom must remain as supplied. Modifications to allow the use of a 'hard-wired' camera is permitted, no other modifications are permitted.

(b) ECU reflashing or tuning is not permitted. The ECU is to remain as standard, supplied by **HYPER RACER**.

6.2 Data Collection

(a) Data collection is allowed through the Aim Solo 2 DL Dash supplied with the car. Data capture is to be limited to using the specified Aim dash and sensors that connect directly to it. No other additional electronics or data transmission devices are permitted, excluding cameras.

COMMUNICATION

7.1 Radios

No radio communication is allowed between drivers and pit crew during qualifying or races, with the exception (at the Category Manager's discretion) of the first 3 race meetings for beginners.

7.2 Pitwall Communication

No pit wall communication is allowed using signs or signals except to signal a driver to slow, pit or abort immediately.

IMPAIRED CONTROLS

8.1 Impaired Controls

Non-performance enhancing alterations related to driver accessibility and comfort are at the Category Manager's discretion, regarding the ability to alter control mechanisms, chassis, bodywork and seating to cater for an individual's physical impairments.



2025 Sporting Regulations

SERIES CALENDAR 2025

Round 1	Feb 28 - Mar 2	VIC	Winton Raceway	Hi-Tec SS
Round 2	April 5 - 6	NSW	One Raceway	MSA
Round 3	May 3 - 4	SA	The Bend	VMRC
Round 4	May 30 - June 1	NSW	Sydney Motorsport Park	Hi-Tec SS
Round 5	June 13 - 15	VIC	Calder Park	VMRC
Round 6	October 31 - Nov 2	VIC	Winton Raceway	Hi-Tec SS

TITLE, AUTHORITY and JURISDICTION

SR1.1 Title

- (a) This Series shall only be known as and referred to as the “Hyper Racer Australian Drivers’ Championship” or “Hyper Racer Australian Drivers’ Championship - Masters’

SR1.2 Authority/Jurisdiction

- (a) Each event in the Series shall be conducted under the Sporting and Technical Regulations issued for this Series, Supplementary and Further Regulations issued by the Organiser (AASA) at each round; Bulletins Issued by the Stewards of the Meeting; Driver Briefing Notes issued by the Race Director or the Clerk of the Course at a meeting and any event specific documentation as published by the CM.

SR1.3 Categories

- (a) Competitors aged 40 and above as of February 28, 2025, will automatically be placed into the 2025 Masters ADC.
- (b) Masters Competitors will **not** be excluded from the 2025 ADC, and will effectively run in both categories.
- (c) Eligible Masters competitors who placed 3rd or higher in the previous year's ADC will automatically be excluded from the 2025 Masters ADC and will compete only in the 2025 ADC.
- (d) Points awarded to competitors in the 2025 ADC, will also be used to formulate separate standings for the 2025 Masters ADC. No Separate points system will be used for Masters.
- (e) Trophies will be awarded at each round for both the 2025 ADC and 2025 Masters ADC.
- (f) Masters competitors who place on the podium in both categories will receive both trophies.

ADMINISTRATION

SR2.1 Personnel

The following people have been appointed by the drivers in the category, and have the authority to administer the various aspects of these regulations.

National Category Manager	Jon Crooke	0418547150	sales@hyperracer.com
Category Administrator	Zac Catlin	0477960593	zac@hyperracer.com
Technical Manager	Dean Crooke	0432037190	dean@hyperracer.com

EVENT

SR3.1 Qualifying Format

A continuous session of generally 15 or 20 minutes whereby the fastest lap time achieved by each driver is used to determine the final qualifying positions.

SR3.2 Grid Determination

The grid for each race shall be determined as follows:

Race 1: The grid for Race 1 shall be determined by the fastest order from qualifying.

Race 2: The grid for Race 2 and beyond will be a progressive grid based on the finishing positions of the previous race.

SR3.3 Start Procedure

The start procedure for each race shall be a rolling start as detailed in the supplementary regulations of each race meeting.

In the event of inclement weather such as wet or partly wet track conditions, the CM reserves the right to start the race in single file, with racing on the green flag. This will be advised before the race starts.

SR3.4 Awards and Point Score

- (a) The Hyper Racer **ADC** will use the AASA points scoring system except when the **Australian Drivers' Championship** category manager (and/or tribunal) decides otherwise due to penalties.
- (b) Each driver will deduct the round in which they scored the least amount of points for their overall championship points tally.

SR3.5 Cameras

Each Automobile must be fitted with a camera unit as detailed in these regulations.

- (a) The camera unit must be switched on and remain fully operational and record video footage for the duration of all on-track sessions.
- (b) The camera unit must be installed and adjusted in such a way as to at all times provide clear unobstructed video images of the Driver's view of the racetrack ahead as well as their steering wheel.
- (c) HYPER RACER may request camera footage from any driver for social media purposes.
- (d) The data stored on the camera's SD card is not permitted to be deleted/cleared until 1 hour after the completion of the final race heat of the weekend. In the case where an incident has occurred and an investigation is being carried out by the CM, the drivers involved and/or drivers whose cameras may have recorded the incident will not be able to delete footage until after the determination of any investigation.
- (e) Access to the in-car camera SD card must be provided to the Chief Steward or CM at any time upon request.
- (f) If the camera of the accused driver fails to record footage of the incident, or the driver fails to load an SD card, then the driver will be deemed at fault in the absence of any other relevant footage.

SR3.6 Competitor Conduct

It is the competitor's responsibility to ensure the driver and all associated team members always respectably conduct themselves. Failure to do so will result in the competitor being referred to the Stewards (and where required the CM and or Tribunal) of the meeting for bringing the category into disrepute.

SR3.7 Tribunal Procedures

- (a) Any on-track incidents will be dealt with by the AASA Stewards of the meeting initially. It is the drivers' responsibility to put forward their case concerning a particular incident.
- (b) Only under exceptional circumstances, if any of the involved parties of the incident are dissatisfied with the outcome ruled by the AASA Stewards, they will then be able to present their case to the CM, to be adjudicated by a panel of 3 randomly selected tribunal members, selected from the top 10 of the championship standings. If it's the first round of the season then the selection of the tribunal will be from the top 10 returning drivers from the previous season.
- (c) Any driver selected to be a part of the tribunal can be redrawn at the request of the CM if they are determined to be a conflict of interest.
- (d) The CM will collate all of the evidence required to present the information to the 3 randomly selected tribunes.
- (e) A dispute of an incident must be lodged within 1 hour of the completion of the final race heat of the weekend.

SR3.8 Tyres

- (a) All Tyres are to be Hankook C92H (Soft) unless special permission is granted by the CM to run the C72H (Hard). ~~Also, drivers not in the top 5 on the ADC leader board may use secondhand Giti's from Rd 1 and 2.~~
- (b) All wet tyres are to be Hankook W52H. ~~Used Michelin wets are permitted for drivers not in the top 10 on the standings for the remainder of the 2024 season due to the Hankook factory fire.~~
- (c) Tyres are to be supplied by **HYPER RACER** or directly through Hankook.
- (d) **3 sets of Hankook slicks are permitted for the 6 rounds of the ADC.**
- (e) The number of wet tyres used is unrestricted for the year. One set per round.
- (f) The tyre sets are to be used as follows:

Round 1	A new or used set of tyres can be introduced at this round.
Round 2	No new tyres can be introduced. Only tyres previously scanned during the 2025 ADC can be used.
Round 3	A new or used set of Tyres can be introduced.
Round 4	No new tyres can be introduced. Only tyres previously scanned during the 2025 ADC can be used.
Round 5	A new or used set of tyres can be introduced.
Rounds 6	No new tyres can be introduced. Only tyres previously scanned during the 2025 ADC can be used.

Special permission may be granted by the CM to use a set of previously scanned and raced tyres from the 2024 ADC, during a round in which additional tyres are prohibited from being introduced.

- (g) Your selected tyre set must be used for qualifying and all race heats. Tyres for Friday practice and morning warm-up are free. Your chosen tyre set will be scanned at the beginning of every round to ensure the rules are being followed. Tyres may also be scanned at random following the completion of qualifying or any race for the duration of the round.
- (h) Scrubbing in new tyres before the race meeting is permitted.
- (i) Tyre treatments of any kind are **not** permitted
- (j) Tyre warmers are **not** permitted during qualifying and racing heats.
- (k) A replacement 'used' tyre of similar wear and approved by the CM can be used in the event of a puncture or similar.

SR3.9 ADC entry qualification standards.

The ADC intends to run a competitive and safe series and to that end, the qualifying criteria for entry to the **ADC** will be as follows;

- (a) A driver must be able to complete a minimum of 50 laps, spread over 3-4 sessions, at a Winton (long track) track day, lapping consistently under 1:25 seconds with no spins or off-track incidents.
- (b) Display sound situational awareness abilities.
- (c) Display successful driver management abilities when being lapped or when passing other drivers.
- (d) P plate drivers will complete a minimum of 3 rounds starting from the rear of the grid that can be waived earlier at the CM's discretion.

SR3.10 ADC car signage.

- (a) At all rounds of the ADC, each car shall display the AASA and ADC logos on the rollbar fairings.
- (b) The decals are available at Hyper HQ - No charge.
- (c) If you currently have other decals on your rollbar fairings, please remove them to accept the decals onto a blank background. Alternatively we have decals on a panel to cover any existing signage.



If the rules don't say you can then assume you can't!

