



Castrol
55000

2023 TEAM INFORMATION GUIDE

**V8 POWERED
OPEN WHEELERS.**

**HIGH PROFILE
AUSTRALIAN
MOTORSPORT
EVENTS.**



AUSTRALIA'S ULTIMATE RACING MACHINES.

There is nothing in Australasian motorsport like S5000.

S5000 is high-level open wheel racing with 560hp V8-powered, carbon fibre 'wings and slicks' machines.

Loud, powerful and challenging to drive, they command the focus and respect of the most skilled drivers and capture the imagination of racing fans.

S5000 is serious motorsport for serious racing drivers, which is why the revered Motorsport Australia Gold Star is awarded to the category's champion driver.



✓ **VALUE**

Cost-controlled category structure with competitive car lease and entry fees

An open wheel racecar assembled in Australia using locally made, specification components that are highly durable

Accessible technical support from GRM and local suppliers

✓ **COMMERCIALITY**

Marquee motorsport events including the Gold Coast 500 and Adelaide 500

Fast, loud & spectacular - marketable open wheel category with public & commercial appeal

Every race televised live and ad-free on either Fox Sports/Kayo or Stan Sport

✓ **QUALITY**

A world-class racecar built to current FIA safety standards

Australia's fastest racing category with high powered open wheelers that sharpen reflexes, confidence & technical understanding

Racing for the prestigious Australian Drivers' Championship and Motorsport Australia Gold Star



THE COMPLETE PACKAGE

2023 S5000 AUSTRALIAN DRIVERS' CHAMPIONSHIP EVENT SCHEDULE

ROUND	CIRCUIT/EVENT	STATE	DATE	BROADCASTER
1	Symmons Plains Raceway AWC Race Tasmania	TAS	February 24-26	9Gem/9GO! & Stan Sport
2	Phillip Island Grand Prix Circuit SpeedSeries	VIC	May 12-14	9Gem/9GO! & Stan Sport
3	Winton Raceway SpeedSeries	VIC	June 23-25	9Gem/9GO! & Stan Sport
4	Sydney Motorsport Park Supercars Sydney SuperNight	NSW	July 28-30	Fox Sports & Kayo
5	The Bend Motorsport Park Supercars The Bend Supersprint	SA	August 18-20	Fox Sports & Kayo
6	TBC	TBC	TBC	TBC
7	Adelaide Parklands Circuit VALO Adelaide 500	SA	November 23-26	Seven, Fox Sports & Kayo

S5000

ENGINE

- Fuel-injected Ford 5.2-litre V8 with MoTeC electronics
- Max horsepower: 560hp
- Max torque: 460 ft-lbs
- Max rpm: 8000

CHASSIS

Carbon composite monocoque - FIA compliant, produced by Onroak-Ligier (France)

Length: 4900mm
Width: 1950mm
Wheelbase: 3000mm

FIA APPROVALS

- FIA cockpit halo
- FIA front crash structure
- FIA rear crash structure
- FIA side-impact structures
- FIA side/front intrusion panels
- FIA-spec 6-point harness
- FIA-spec 6Kj wheel tethers
- FIA headrest

ROGERS AF01/V8 CAR SPECIFICATIONS



TRANSMISSION

- Holinger 6-speed sequential transaxle with pneumatic paddle change, includes bespoke (front) drop gear set for lower engine height and thus lower car centre of gravity
- Holinger-designed bell-housing with integral oil tank
- Gearbox/bellhousing include suspension pick-up points and shock absorbers

SUSPENSION

- Double wishbone, front/rear
- Pushrod adjustable ride, front/rear
- Front/rear adjustable anti-roll bars
- JRi three-way adjustable shock absorbers

STEERING

- Rack and pinion
- Collapsible steering column

TYRES

Hoosier slick

- Rear: 27.0x14.0R15 (365/680R15)
- Front: 23.0x9.5R15 (255/580R15)

WHEELS

- Rear: 15 x 15 inch
- Front: 15 x 10 inch



AUSTRALIAN DRIVERS' CHAMPIONSHIP

First awarded in 1957, the Australian Drivers' Championship for the Motorsport Australia Gold Star medal is Australia's oldest and most prestigious drivers' award. It is reserved for the premier open wheel formula in the nation.

The 2023 Australian Drivers' Championship will comprise seven rounds - up to four of which will be held at high-profile Supercars Championship events.

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COMPETITOR INFORMATION





TELEVISION COVERAGE

\$5000 races at SpeedSeries events will be televised live and ad-free on Stan Sport, supported by free-to-air live coverage (Race 1 on Saturdays) on 9Gem, plus post-event highlights on an HD channel of the Nine Network.

Races supporting rounds of the Supercars Championship will be televised on Fox Sports and Kayo with the possibility of races from selected events being simulcast free-to-air on the Seven Network, specifically - the Gold Coast 500 and Adelaide 500.

RUNNING AN S5000

CAR COST (IF PURCHASING NEW)

\$350,000 ex GST

CAR COST (7-ROUND LEASE FEE)

\$81,666 ex GST for 7 rounds

- \$40,000 to be paid up front
- \$4,166 can be paid monthly thereafter (February to November)
- Includes \$30k insurance excess covered by GRM
- Includes engine/gearbox maintenance costs

ENGINES

Each engine is individually dyno-tested and set up by engine suppliers InnoV8 prior to delivery. Performance is monitored throughout racing by InnoV8 via its exclusive access to the engine ECU.

TYRES

Hoosier Tyres Australia is the control tyre supplier for S5000.

Key Contact: Mitch Dumesny

- Mobile: +61 409 775 642
- E-mail: mitchd@hoosiertire.com.au

CAR MAINTENANCE

- All key S5000 parts are single-brand and thus cost-controlled. Full GRM parts service is available at all events, thus extensive parts stock is not required
- If you choose to own your car, scheduled engine/gearbox maintenance is carried out by S5000's contracted suppliers.

SERIES ENTRY

Entries can be registered as an incentivised Series Entry or on a Round by Round basis as follows:

INCENTIVISED SERIES ENTRY \$20,650 ex GST
MUST ENTER ROUND 1

ROUND BY ROUND ENTRY FEE

ROUND	ENTRY FEE
Tasmania	\$2,650 + GST
Phillip Island	\$3,150 + GST
Winton	\$3,150 + GST
Sydney	\$3,990 + GST
The Bend	\$3,990 + GST
TBC	\$3,990 + GST
Adelaide 500	\$3,990 + GST

The incentivised series entry fee will be invoiced and paid at the beginning of the 2023 Championship. This fee can be paid over seven instalments as follows:

- \$6,650 ex GST deposit before Round 1
- 7 x payments of \$2,000 ex GST thereafter prior to each round

Round by round entry fees will be invoiced and paid prior to each round.

Entries must be lodged with S5000 Category Management (CM) via the Series Registration and Series Entry Form. Forms are available on request from CM.

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COMPETITION FORMAT

PRACTICE Between 40-60 minutes across two (2) sessions

QUALIFYING One (1) session of up to 25 minutes

RACING Three (3) races of up to 25 minutes each

GRID DETERMINATION

RACE 1 Results of Qualifying

RACE 2 Top 75% of Race 1 Grid (Qualifying Results) reversed
Bottom 25% of Race 1 Grid start in same positions as Race 1

RACE 3 Cumulative of points scored in Races 1 & 2 and Qualifying

SERIES REGULATIONS

S5000 Technical & Sporting Regulations have been drafted in conjunction with Motorsport Australia.

Technical & Sporting Regulations are available on request and can also be downloaded from the Motorsport Australia website - <https://motorsport.org.au/>

SERIES OFFICIALS

RACE DIRECTOR Matt Balcombe

DRIVING STANDARDS TBC

TECHNICAL DELEGATE (TD) Frank Adamson

POINTS ALLOCATION

QUALIFYING

POS.	PTS.
1 st	10
2 nd	9
3 rd	8
4 th	7
5 th	6
6 th	5
7 th	4
8 th	3
9 th	2
10 th	1
Qualifying Points paid to 10 th	

RACE 1

POS.	PTS.
1 st	30
2 nd	27
3 rd	24
4 th	22
5 th	20
6 th	18
7 th	16
8 th	14
9 th	12
10 th	10
11 th	8
12 th	6
13 th	4
14 th	2
15 th	1

RACE 2 (PARTIAL REVERSE GRID)

POS.	PTS.
1 st	20
2 nd	18
3 rd	16
4 th	14
5 th	12
6 th	10
7 th	9
8 th	8
9 th	7
10 th	6
11 th	5
12 th	4
13 th	3
14 th	2
15 th	1

RACE 3 - MAIN EVENT

POS.	PTS.
1 st	60
2 nd	50
3 rd	40
4 th	32
5 th	26
6 th	24
7 th	22
8 th	20
9 th	18
10 th	16
11 th	14
12 th	12
13 th	10
14 th	8
15 th	6

Drivers are required to hold a current International Grade C Driver Licence or higher. Each driver must be a minimum of 17 years of age.

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SERIES CONTACTS

CATEGORY MANAGEMENT

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MEDIA & CONTENT

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