

Small Car Cup

NSW Touring Car Championship



The Series

The purpose of this category is to provide inexpensive, enjoyable, close competition. No matter if you are stepping up from karting, an experienced campaigner or a rookie, the Small Car Cup Championship will give you maximum fun on a minimum budget. If you are looking for something fresh and fun in motorsport that is also affordable then this series could be what you are looking for.

Motorsport within this championship should be safe, fun and in fair spirit. The championship rules are used as a guideline to ensure a fair and equitable competition across all classes. The "spirit" of the rules should be adhered to, no matter how serious the Championship seems.

Some modifications are difficult to scrutineer on the day and the officials rely on the entrants to be forthright and honest about any and all modifications to their vehicle. Similarly, modifications not listed here-in will be deemed illegal for the championship. It becomes the responsibility of the entrant to inform the Championship Director or the Chief Scrutineer of these for correct car classification. Please remember, if it is not written in these regulations, it is illegal.

Small Car Cup and NSW Touring Car Championship reserve the right to randomly inspect cars to determine if they are eligible to compete in this Championship.

Note

Please read these car regulations in conjunction with the Championship Competition Rules.

The Cars

Eligible cars will have been built between January **1986** and December **2002** and were sold new in Australia.

Eligible Cars will have a Maximum engine capacity of 1600cc and a maximum manufacturer power output of no more than 88kW.

Class A will be **0 – 63** Maximum Kilowatts

Class B will be **64 – 81** Maximum Kilowatts

Class C will be **82 – 88** Maximum Kilowatts

1. General

- A. Please build your car within the spirit of these rules.
- B. Any Modification to any car that is not stated within these regulations will be deemed illegal for this competition category.
- C. It is the car owner's and driver's responsibility to present a car that meets all the series requirements.
- D. These regulations may be altered and or updated at any time. Any updated regulations will be made available to all competitors.

2. Vehicle Homologation

- A. Please check the Homologated Vehicle List on the Drivetek Motorsport website prior to purchasing a car.
- B. If you wish to enquire about homologation for a vehicle that may not be on the list BUT meets all the Championship criteria, please email info@drivetekmotorsport.com for a Homologation Pack.

3. Vehicle Inspections

- A. All new cars that are to compete in the 2020 Championship must be inspected by Small Car Cup officials prior to any entry being submitted or accepted.
- B. Car owners should contact the championship organiser to arrange an inspection.

4. Items not permitted

- A. 4AG, VVTI or Vtec or similar engines will not be permitted.
- B. Sporting variations of any model will not be permitted unless the same mechanicals were released in other Non - Sporting versions of the model. (Approval will still be required)
- C. Sports cars, open top or soft top cars will not be permitted.
- D. Wheel spacers are not permitted.
- E. Parts interchange from a similar models is not permitted unless stated elsewhere in these regulations.
- F. In car timing devices are not permitted.

5. Body and Coachwork.

The body and coachwork of the car will remain unchanged from manufacturer standard save that,

- A. The inside edge of the guards is allowed to be rolled to allow wheel clearance.
- B. Body mouldings are permitted to be removed.
- C. All original external lights must be in full working order.
- D. Manufacturer fog lights or similar may be removed and the opening can be used to cool brakes.
- E. The cutting of the cars metal body or bumper bars for clearance of parts or fitment is not permitted including brake ducts. (Driving light panels may be removed to fit brake ducts in front bumper bar).
- F. Lightening or cutting of any panels or metal surfaces and/or the body shell etc is not permitted.
- G. Original factory body kits only are permitted.
- H. Body kit interchange between similar models is permitted.

6. Interior.

- A. The dashboard in whole will remain. (Radio/Stereo may be removed)
- B. All under dash components must be retained.
- C. Passenger seats front and back may be removed.
- D. Carpet and sound deadening materials may be removed.
- E. Seatbelts may be removed.
- F. All door trims must be retained. In the rear of 2 door cars the passenger side lining must be retained
- G. The boot area may be stripped out.
- H. The roof lining may be removed.
- I. Additional gauges may be added and must be securely mounted.

7. Engine.

The engine in whole including the complete fuelling system is to remain as per manufacturer's specifications with no modifications.

- A. An oil catch tank with a minimum volume of 2 litres capacity must be fitted and used.
- B. The original cold air box may be removed.
- C. The air pick up point for the air box may be relocated for better airflow (if using cold air box).
- D. Pod Filters or similar may be used.
- E. Carburetted cars may use sports air cleaners.
- F. Original or aftermarket equivalent, fuel and oil filters may be used.
- G. An additional return spring must be added to the throttle body or carburettor.
- H. Spark plugs, leads, rotor button and distributor caps etc are free.
- I. The distributor and internal workings must remain unchanged.
- J. Coils or Coil packs etc are to remain as supplied by the manufacturer.

8. Engine Management System.

- A. The engine management system (Computer) and wiring loom in total must remain unchanged from manufacturer's specifications.
- B. No modifications or aftermarket additions will be accepted.

9. Electrical & Electronics

- A. The cars electrical system is to remain un-modified from the manufacturer's specifications.
- B. No additional electronic devices may be used to monitor the car or any of its parts.

10. Drive train.

- A. The manufacturer's original gearbox, differential and gear change system for the model presented must be retained and used.
- B. The clutch may be replaced with an aftermarket one identical to the factory supplied unit.
- C. Single plate clutch only.
- D. No brass button or competition clutches.
- E. Drive shafts must be the same as originally supplied by the manufacturer or aftermarket similar for the model of car.

11. Brakes.

- A. The brake system must remain as per manufacturers design and specifications for the model of car being run save that.
- B. Slotted and/or drilled discs of the same diameter and design of the original factory unit may be used.
- C. Brake cooling ducts may be added.
- D. Control brake pads (See Item 20 Control Items)
- E. Cars with ABS braking systems must have the ABS module removed.
- F. Drum brakes cannot be replaced by disc brakes.

12. Steering and Suspension.

- A. The steering and suspension of the car will remain as supplied by the manufacturer save that.
- B. Aftermarket parts of equivalent type may be used to replace worn parts.
- C. Modification of strut towers in any way is not permitted.
- D. Non-adjustable front and rear strut braces may be used.
- E. Manufacturer original sway bars can be used.
 - a. Option Sway bar (See Item 20 Control Items)
- F. Manufacturer Standard springs may be cut to lower the car approximately 30mm from standard.
 - a. Option Control Spring (See Item 20 Control Items)
- G. Heavy duty struts of the same type and style to manufacturer's original are acceptable.
- H. Coil over's and adjustable struts or similar are not permitted.
- I. Camber pins (Bolts) may be used.

13. Exhaust.

- A. The standard exhaust manifold must be retained.
- B. The exhaust manifold may not be modified.
- C. EGR piping may be removed.
- D. The Catalytic Converter may be removed or hollowed out.
- E. The exhaust must follow the original exhaust route and exit the car in the original position at the rear.
- F. Maximum exhaust pipe diameter is 2 inch (External Diameter).
- G. The exhaust must have an offset muffler.
- H. Maximum Db rating is 95db @30m

14. Wheels and Tyres.

- A. Manufacturer or After Market Alloy wheels may be used.
 - a. They will be either standard manufacturer specification or
 - b. Up to a maximum up to 1 inch larger in diameter and/or 1 inch wider than the manufacturer's original wheels for the car presented.
- B. Front wheel drive cars must run rims specifically made for front wheel drive cars.
- C. We reserve the right to refuse the use of any wheel.
- D. Tyres (See Item 20 Control Items)

15. Safety.

- A. All cars must be fitted with a 1kg extinguisher,
Each hand-held fire extinguisher shall be secured using a metal bracket attached to the automobile with high tensile bolts or equivalent fasteners and must be solidly mounted.
 - a. Must be capable of removal by the driver (or crew, where applicable) while seated in their normal respective position for competition with safety harness unfastened, unless varied by specific category regulations and without the aid of tools.
 - b. All extinguishers must be of AS1841 (AS1841-2 are not permitted)
- B. A minimum 4 point harness must be used with a minimum belt width of 2"
 - a. Harnesses must be securely mounted at all points.
 - b. Harnesses must be in good serviceable order and free from rips, tears and stains.
 - c. We reserve the right to refuse the use of any harness.
- C. A motorsport type window net must be fitted and used.
 - a. Window nets must have a quick release system in case of a roll over etc.
- D. Airbag steering wheels must be removed and be replaced with an ADR Compliant Steering wheel.
- E. Tow hooks must be visible at all times and painted in an alternate colour to the car. (Straps are acceptable)
- F. A race seat is recommended but not yet compulsory.
- G. A battery isolator switch with relevant markings is recommended but not yet compulsory.
- H. 'FHR' devices are recommended but not compulsory.
 - a. Any car using a 'FHR' device, must be fitted with an appropriate seat and a 5 or 6 point harness.

16. Roll Cages

Roll over protection is compulsory from **1st January 2021**

- A. During the 2020 competition year,
 - a. The championship organisers do recommend that each car should meet the minimum requirements for roll over protection. (See Roll Cages in Competition Rules)
 - b. Any driver competing in 2020 without roll over protection in their car will need to sign an acknowledgement of release of liability form at each event.
- B. Small Car Cup can assist competitors with inexpensive compliant roll cages if required.

17. Vehicle numbers

- A. All vehicles must be registered for the series and car numbers applied for via the registration form on the 'NSW Touring Car Championship' page at - drivetekmotorsport.com
- B. Vehicle numbers for doors and bonnet must comply with
 - a. Font is to be Arial Bold
 - b. 230mm in height approximately
 - c. Must be on a contrasting background e.g. Black numbers White Background (or reverse colours)
- C. Windscreen numbers on left hand side of front and rear windscreen
 - a. Must be yellow or fluoro yellow
 - b. Font is to be Arial Bold
 - c. 150mm in height approximately
- D. Car class stickers (A, B, or C) to be displayed alongside door and screen numbers. (Not supplied by series)
 - a. Font is to be as per door and windscreen numbers
- E. Numbers and decals can be purchased from **Standout Stickers (0439 439 226)**
This is our series decal supplier

18. Driver Licencing

- A. All drivers must hold a CAMS, AASA or Pheasant Wood Circuit 'Race Licence'
- B. Drivers of limited experience must attend an 'Observed Licence Test' day (OLT)
- C. For further information on OLT and licencing please email
smallcarcup@drivetekmotorsport.com

19. Series Decals

One set of series decals will be supplied to each car owner.

A. Decals available to be purchased from championship organisers.

1 x Stand out Stickers logo

2 x Drivetek Motorsport logo

2 x Small Car Cup - NSW Touring Car Championship logo

2 x Gordon Leven Motorsport Tyres logo

2 x Blendline TV logo

B. Drivers surname across the top of the windscreen.

Driver's nickname may be on the side window.

Available from **Standout Stickers (0439 439 226)**

C. Sponsor's names and/or logos are permitted.

D. No stickers or decals may have sexual or rude interpretation.

E. **A diagram of series logo and number placement is available on the website.**

20. Control Items

A. Brake Pads:

a. Control brake pads:

i. Bendix 'Top Performance'

ii. Remsa

iii. TRW

b. These are available through ProParts in Mittagong or can be purchased from any auto parts store.

B. Control Springs:

a. Standard factory springs, cut to lower the car 30mm from standard.

b. Optional Spring is: Pedder's Sports Rider springs, Lowered. (May not be cut)
(No special order springs will be accepted)

c. These can be purchased from any auto parts store.

C. Sway Bars

a. Standard Factory sway bars.

b. Optional sway bars are Whiteline only.

c. These may be added to the front and rear of any car.

Control tyre

a. The control tyre is Nankang NS-2R tyre with markings NSWTC on the side wall.

b. These tyres are available only through Gordon Leven Motorsport Tyres at Emu Plains.

c. Tyres without the NSWTC marking will not be accepted for competition.

Rim/Tyre sizes

i. 13" 185/60/13

ii. 14" 185/60/14

iii. 15" 195/55/15

21. Scrutineering requirements

A. All cars are to be presented in clean and tidy condition.

a. Faded paint and peeling clear coat must be polished and repaired as much as possible.

b. Dirty cars will not be accepted.

c. Damaged cars must be re-scrutineered prior to further competition.

d. Damaged cars where possible, to be repaired prior to the next event.

e. Any repairs must be inspected for safety.

B. Tyres must not be at the wear markers prior to the start of competition.

C. All loose items must be removed prior to scrutineering.

22. Important

A. The entrant, (owner of the car) is wholly accountable for ensuring that:

a. Their car is in safe operating condition.

b. Meets all the rules and regulations set out herein.

Continued over

2020 Small Car Cup regulations – NSW Touring Car Championship

- c. Small Car Cup and its officials reserve the right to refuse any entry or car without reason.
- B. All cars are to be inspected prior to being accepted for 2020 Competition.
- C. These regulations are to be read in conjunction with the Small Car Cup & NSWTC Competition Rules.

For more information

Please email:

smallcarcup@drivetekmotorsport.com

Be advised

- ❖ When building and preparing your car, please note that if it is not stated in these regulations then it is not legal for this Championship regardless of interpretation.
- ❖ Please do not look to find loop holes etc in these regulations.

If you have any questions, please contact us on the email address above.

2020 Small Car Cup Championship

- Round 1** Saturday 1st February – Sprint Races
- Round 2** Saturday 7th March – Sprint Races
- Round 3** Sunday 3rd May – Drivetek Motorsport 125klm Endurance race - **Cancelled**
- Round 4** Saturday 4th July – Format to be advised - **Possible Cancellation**
- Round 5** Sunday 2nd August – Format to be advised
- Round 6** Sunday 13th September – Format to be advised
- Round 7** Sunday 8th November – Format to be advised

Small Car Cup Hyper Sprints

- Round 1** Saturday 12th September – SMP South Circuit
- Round 2** Saturday 28th November – SMP Nth Circuit (Twilight meeting)

Hyper sprints will be run at NSWRRRC Supersprint Events.

