

NSW Tourer's Trophy



Drivetek Motorsport



The purpose of this category is to provide inexpensive, enjoyable and close competition for competitors that want to build and drive a larger car. It is for drivers from limited racing experience up to experienced racers.

It is to be a true test of driver and car in a level playing field.

This is Grass Roots motorsport at its best. It will remain affordable and within reach of competitors with limited or small motorsport budgets.

Important

Please read these car regulations in conjunction with NSWTC Series Competition Rules.

The Cars

Eligible cars will have been built from January **1990** to December **2002** and were sold new in Australia.

- A. All cars must be powered by:
 - a. 4 Cylinder 1601cc – 2000cc up to 100kW engine as original from the manufacturer.
 - b. 6 cylinder engine as original from the manufacturer.
- B. Engines and drivetrain are to be the original type for the model of car presented.
- C. 2 Wheel Drive only.
- D. No models with V-Tec, VVTi, or similar. (Check with DTM if unsure).
- E. Engines 3.0Lt and above must not have Variable Cam Timing.
- F. All cars must be 4 door sedans. (No Hatch Back's, Coupe's or other body types will be accepted)
- G. All Cars are to have to comply with the manufacturer stated kilowatts or less listed below.
- H. Each car owner is to seek approval from Drivetek Motorsport and NSW Touring Car Championship for the model of car they wish to run via the contact form on the Sedan Car Cup page on the website.
- I. Cars will be grouped into classes on a kilowatt basis.
 - a. 4 Cylinder cars 16001cc – 2000cc
 - Class D 90 up to 100 kW
 - b. 6 Cylinder cars
 - Class E 101kW – 130kW
 - Class F 131kW – 145kW
 - Class G 146kW – 160kW

Important

- ✚ Any modification to any car that is not stated within these regulations will be deemed illegal for this competition category.
- ✚ Please read these regulations in conjunction with NSWTC competition rules.
- ✚ Unless it is a control or option part, all parts are to be factory standard and/or OEM equivalent.

1. 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. Original factory body kits only are permitted.

- F. The cutting of the cars metal body, panels or bumper bars for clearance of parts or fitment is not permitted including bonnet vents and brake ducts.
(Driving light panels may be removed to fit brake ducts in front bumper bar).

2. Interior.

- A. The dashboard in whole will remain.
- B. All Gauges, heater and controls etc must remain and be operational
- C. All under dash components must be retained and working.
- D. Passenger seats front and back may be removed.
- E. Carpet and sound deadening materials may be removed.
- F. Seatbelts may be removed.
- G. All door trims must be retained.
- H. The boot area may be stripped out.
- I. The roof lining may be removed.
- J. Additional gauges may be added and must be securely mounted.
- K. No gauges may be mounted outside of the passenger cabin.

3. Engine.

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

- A. An oil catch tank must be fitted and plumbed in with a minimum volume of:
 - a. 2 litres capacity for 4 cyl cars
 - b. 3 litres capacity for 6 cyl cars
- B. The factory original cold air box may be removed and replaced with a remote mounted Pod Filter.
- C. Original or aftermarket equivalent, fuel and oil filters must be used.
- D. An additional return spring must be added to the throttle body or carburettor.
- E. Spark plugs, leads, rotor button and distributor caps etc are free.
- F. The distributor or coil pack and internal workings etc must remain unchanged.

4. Engine Management System.

- A. The engine management system (Computer) and wiring loom in total must remain unchanged from manufacturer's specifications.
- B. All cars are to run the base model car computer for its year/model. No exceptions.
- C. No modifications or aftermarket additions will be accepted.
- D. Computers may be supplied at any time by Series organiser - Drivetek Motorsport.

5. Drive train.

Automatic gearbox

- A. The manufacturer's original gearbox must be retained and used
- B. No modifications may be made to the standard gearbox.
- C. A gearbox oil cooler may be added and must be a commercially available unit.

Manual gearbox

- A. The manufacturer's original gearbox must be retained and used.
- B. No short or long shifters etc will be allowed.
- C. Gear ratios must be as stated by the manufacturer for the model presented.
- D. The clutch and pressure plate are a control item and must be purchased through Drivetek Motorsport or one of its accredited suppliers (TBA).
- E. A gearbox oil cooler may be added and must be a commercially available unit.

All Cars

- F. Factory original differential, ratios and gear change system must be retained and used.

- G. Tail shaft and universal joints must be the same as originally used by manufacturer or aftermarket similar for the model of car.
- H. Rear Wheel Drive - A strap is required to stop the tail shaft contacting the ground in the event of a universal joint failure.

6. Brakes.

- A. The brake system must remain as per manufacturers design and specifications for the model of car being run.
- B. ABS Brakes are permitted.
- C. Brake pads are a control item and must be purchased through Drivetek Motorsport or one of its accredited suppliers (TBA).
- D. Slotted or drilled discs of the same diameter and design of the original factory unit may be used.
- E. Brake cooling ducts may be added but must not be lower than the bottom edge of the front bar.

7. Steering and Suspension.

- A. The steering and suspension of the car will remain as supplied by the manufacturer.
- B. Aftermarket parts of equivalent type may be used to replace worn parts.
- C. Manufacturer original sway bars only.
- D. Minimum ground clearance for all parts of the car is 100mm.
- E. Manufacturer original standard springs.
- F. Standard springs may be cut to lower the car a maximum of approximately 30mm from factory standard but must not lower the car to less than 100mm ground clearance.
(Some cars may require lowered struts)
- G. Heavy duty struts of equivalent type and style to manufacturer's original are acceptable.
- H. No coil over struts or shock absorbers and must be of non-adjustable type.
- I. Camber adjustment kits are acceptable but must be of a type that only adjusts camber.
- J. No cutting or modification to strut towers for fitment etc of camber kits or struts is permitted.

8. Exhaust.

- A. The standard exhaust manifold must be retained and used.
- B. The manifold may not be modified or machined.
- C. The Catalytic Converter may be removed.
- D. The exhaust is free after the first joint but must follow the original exhaust route and exit the car in the original position at the rear.
- E. Maximum exhaust pipe diameter:
 - a. 4 cyl cars - 2 inch diameter
 - b. 6 cyl cars - 2 ½ inch diameter.
- F. The exhaust must have an offset muffler at the rear of the car.
- G. Maximum Db rating is 90db@30m

9. Wheels and Tyres.

- A. After Market Alloy wheels of a size
 - a. 4 cyl cars – 14" or 15" inch in diameter
 - b. 6 cyl cars – 17" inch in diameter
 - c. 3.0Lt cars may choose to run 14", 15" or 17" wheels
- B. Wheels may be up to 1 inch wider than the manufacturer's original wheels.
- C. We reserve the right to refuse the use of any wheel that we deem unsafe.
- D. The series will run on a control tyre available only through Gordon Leven Motorsport Tyres or Drivetek Motorsport.
 - a. Control tyre – Nankang NS-2R (See item 15 for suppliers)

Continued over

- b. Control Tyres for all cars will be
 - I. 4 cyl cars 185/60/14 or 195/55/15
 - II. 6 cyl cars 225/45/17
 - III. 3.0Lt cars may choose from the above
- c. Tyres will have a NSWTC series marking.

10. Safety.

- A. All cars must be fitted with a 1kg extinguisher,
 - a. 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.
 - b. 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.
 - c. All extinguishers must be of AS1841 (**AS1841-2 are not acceptable**)
- B. A minimum 5 point harness will be used with a minimum belt thickness of 3"
 - 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. A motorsport type window net must be fitted and used.
- D. Airbag steering wheels must be removed and replaced with an ADR-10 compliant aftermarket steering wheel and boss kit.
- E. Tow hooks or straps must be visible at all times and must be an alternate colour to the car.
- F. A 6 point roll cage is compulsory.
 - a. All cages are to be constructed from CDW or CDS steel. (*See Series Competition Rules for details*)
- G. A race seat is compulsory.
- H. A battery isolator switch is compulsory.
- I. 'HANS' devices are recommended but not compulsory.

11. Driver Apparel.

- A. Safety Helmet
 - a. A safety helmet to AS1698 standard minimum shall be used. It must be in good condition, free of dents, chips and scratches.
 - b. Helmets must not be modified from original specification including paint, stickers, air vents and braces.
- B. Gloves
 - a. Motorsport Gloves are to be worn.
- C. Footwear
 - a. Leather or suede footwear must completely cover the foot and be firmly fitted.
 - b. Sandals, thongs, joggers or open shoes are NOT permitted. **No exception**
- D. Driver clothing

All competitors must wear a race suit or overalls that cover the body from ankle to neck including to the wrists.

- a. A single or 2 layer race suit is preferred.
- b. A pair of new, clean King Gee overalls is acceptable.
- c. All Race attire must be free from Oil and Grease stains.
- d. The use of Rashies etc is not accepted as they are not deemed to be fireproof.

12. Vehicle numbers

- A. All vehicles must be registered for the series and car numbers applied for via the registration form on the 'Sedan Car Cup' 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
- C. Vehicle numbers for front and rear screens must comply with
 - a. Font is to be Arial Bold
 - b. 150mm in height
 - c. Must be yellow or fluoro yellow in colour
- D. Numbers will be supplied by Standout Stickers (find them on Facebook) at competitor's expense.

13. Driver Licencing

- A. All drivers must hold a AASA, Motorsport Australia or PWC 'Race Licence'
- B. All drivers applying for licences must attend an 'Observed Licence Test' day (OLT) organised by Drivetek Motorsport.
- C. For further information on OLT and licencing please email info@drivetekmotorsport.co

14. Series Decals

- A. Each car must display the logos below in the appropriate position as per advised by Drivetek Motorsport.
 - 2 x Stand out Stickers logo**
 - 2 x Drivetek Motorsport logo**
 - 2 x NSW Touring Car Championship logo**
 - 2 x Gordon Leven Motorsport tyres logo**
 - 2 x Blendline TV logo**
 - 2 x Sedan Car Cup logo**
 - 2 x Specialised Brake & Clutch logo**
- B. 1 set of series decals will be supplied free per car.
- C. Drivers surname to be across the top of the front windscreen.
Available from Drivetek Motorsport at car owners cost.
- D. All Numbers to be on Number squares on drivers and front passenger doors.
- E. Yellow number 150mm high in yellow on left hand side front & rear screen.
- F. No stickers or decals that may have sexual or rude interpretation.
- G. Your personal Sponsor's name and or logo's must be clear to read

15. Control Items

- A. Brake Pads:
 - a. Control brake pads are:
 - i. Remsa
 - ii. TRW
 - iii. Winmax
- B. Control Clutch:
 - a. Control Clutch & Pressure Plate etc MUST be purchased from the suppliers listed below
- C. Approved control Brake and Clutch suppliers
 - Macquarie Road Auto Repairs (02) 4751 6620 – Western Sydney
 - Camden Automotive Repairs (02) 4655 7805 – Central areas
 - Drivetek Motorsport 0467 632 755 – Southern Regions
- D. Control Tyre
 - a. The control tyre is Nankang NS-2R tyre with NSWTCCL logo on the side wall.
 - b. These tyres are only available through
 - Gordon Leven Motorsport Tyres at Emu Plains NSW
 - Drivetek Motorsport at Goulburn NSW
 - c. Tyres without the NSWTCCL Logo will not be accepted for competition.

16. Car requirements

- A. All cars are to be presented in clean and tidy condition.
 - a. Faded Paint and/or peeling clear coat must be tidied up and polished.
 - b. Odd colour replacement panels will not be accepted.
- B. Tyres must be in serviceable condition and free from damage prior to competition.
- C. All loose items must be removed prior to scrutineering.

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 and in the competition rules.
- B. Any breach of these Car Regulations will incur a penalty scaled from a caution up to a loss of all competition points or disqualification.

To register for the series

Go to www.drivetekmotorsport.com

Sedan Car Cup - On the Home Page

Follow the link for further information to register your car.

For more information please email:

info@drivetekmotorsport.com

When building and preparing your car, please note:

🚦 If it is not stated in these regulations then it is not legal for this series.

If you have any questions, please contact:

Jonathan Mansell

Drivetek Motorsport

Goulburn NSW 2580

ABN: 66 872 109 863

Email: info@drivetekmotorsport.com

Website: www.drivetekmotorsport.com

NSWTT
NSW Tourer's Trophy

