Motorsport Australia
Pro Speed Racing NSW Supersprint Championships
2026 TECHNICAL REGULATIONS

INTRODUCTION

The NSW Supersprint Panel has developed the following Technical Regulations for all Supersprints in NSW, ranging from single club events through to State Championship events.

In these Regulations a reference to the Motorsport Australia Manual is a reference to the Motorsport Australia Manual of Motorsport then current as at the date of completion of these regulations.

Updates to the 2025 Technical Regulations are shown in red type.

TYPES

In general, the Type rules are a combination of Circuit Racing Classes from the Motorsport Australia Manual (Types 1S, 2R, 2S, 3R and 3S) plus four Types for modified Road Registered cars and one for Time Attack cars. These categories are also designed to provide low-cost competition, a prime objective of Supersprints.

The nine Types are:

Type 1S

Competition vehicles generally based on 1st Category: Racing cars as specified in the Motorsport Australia Manual. Clubman's, Kit Cars, Racing Cars, Sports Racing Cars and Sports Racers and vehicles as classified by the NSW Supersprint Panel are eligible to compete in this Type.

Type 2R

Competition vehicles that:

(a) are based on the Group 2F Prodsports regulations as defined in the Motorsport Australia Manual or

(b) are both a Production Sports Car and an Exotic that, apart from being an Exotic, complies with the Type RM Regulations.

Road Tyres must be used on vehicles in this Type and there is a separate Class in this Type for Road Registered Exotics.

Type 2S

Competition vehicles based on the Group 2B Prodsports regulations as defined in the Motorsport Australia Manual. Group 2F Prodsports and Sports Cars that are both Road Registered and a Production Car are also eligible to compete in this Type. Racing slicks are permitted in this Type.

Type 3R

Competition vehicles based on the Group 3J Improved Production Cars regulations as defined in the Motorsport Australia Manual. In addition: -

(a) Group 3E Production Cars,

(b) Group 3H HQ Holdens,

(c) Group 3K Saloon Cars and

(d) Touring Cars that are Exotics which, apart from being an Exotic, comply with the Type RM Regulations are also eligible to compete in this Type. Road Tyres must be used on vehicles in this Type.

Type 3S

Competition vehicles based on the Group 3D Sports Sedan regulations as defined in the Motorsport Australia Manual. Group 3E Production Cars, Group 3J Improved Production Cars and Touring Cars that are both Road Registered and a Production Car are also eligible to compete in this Type. Racing slicks are permitted in this Type.

Type RR

Road Registered cars with minor modifications (excluding Clubman's, Kit Cars and Replicas). Road Tyres must be used on vehicles in this Type.

Type RM

Road Registered cars with modifications in excess of those permitted in Type RR (excluding Clubman's, Kit Cars and Replicas). Road Tyres must be used on vehicles in this Type.

Type RH

Road Registered cars with modifications as generally permitted in the WTAC Tuner Class Technical Regulations (excluding, Clubman's, Kit Cars and Replicas). Road Tyres must be used on vehicles in this Type.

Type TA

Highly modified mass produced vehicles conforming to the World Time Attack Challenge (WTAC) Technical Regulations for Tuner, Clubsprint and Open categories that are modified specifically for the performance of fast lap times and not for racing.

MULTIPLICATION FACTORS FOR CAPACITY

For all Vehicles, except vehicles that comply with the Group 3D: Sports Sedans regulations which are competing in Type 3S, capacity must be calculated on the following basis:

Rotary Engines Multiply displacement by 1.8

Forced Induction Multiply displacement by 1.7

Forced Induction Rotary Multiply displacement by 3.06

For vehicles that comply with the Group 3D: Sports Sedans regulations and which are competing in Type 3S, capacity must be calculated on the following basis:

Rotary Engines Multiply displacement by 1.75

Forced Induction Multiply displacement by 1.7

Forced Induction Rotary Multiply displacement by 2.975

CLASSES

TYPE 1S

1S1 Road Registered Clubman's and vehicles defined as a Formula Vee in the Motorsport Australia Manual.

1S2 Clubman's, Kit Cars and Replicas using slicks, Clubman's that are not Road Registered and vehicles defined as a Formula Ford or Formula Ford 1600 in the Motorsport Australia Manual.

1S3 Cars determined to be eligible to compete in Type 1S by the NSW Supersprint Panel, Racing Cars, Sports Racing Cars, and Sports Racers with an engine capacity up to and including 2000cc.

1S4 Cars determined to be eligible to compete in Type 1S by the NSW Supersprint Panel, Racing Cars, Sports Racing Cars, and Sports Racers with an engine capacity greater than 2000cc.

TYPE 2R

2R1 Road Registered Exotics Level 4 ($250K and over with Type RM eligibility)

2R2 Effective engine capacity 0 - 2000cc

2R3 Effective engine capacity 2001 - 4000 cc

2R4 Effective engine capacity 4001cc & above

TYPE 2S

2S2 Effective engine capacity 0 - 2000cc

2S3 Effective engine capacity 2001 - 4000cc

2S4 Effective engine capacity 4001cc & above

TYPE 3R

3R1 Effective engine capacity 0 - 1600cc

3R2 Effective engine capacity 1601 - 2000cc

3R3 Effective engine capacity 2001 - 4000cc

3R4 Effective engine capacity 4001cc – 6000cc

3R5 Effective engine capacity 6001cc & above

TYPE 3S

3S2 Effective engine capacity 0- 2000cc

3S3 Effective engine capacity 2001 - 4000cc

3S4 Effective engine capacity 4001cc – 6000cc

3S5 Effective engine capacity 6001cc & above

TYPE RR

RR1 Effective engine capacity 0 - 1600cc

RR2 Effective engine capacity 1601 - 2000cc

RR3 Effective engine capacity 2001 - 4000cc

RR4 Effective engine capacity 4001cc & above.

RR5 Exotics Level 1 ($85K to under $150K with Type RR eligibility)

TYPE RM

RM1 Effective engine capacity 0 - 1600cc

RM2 Effective engine capacity 1601 - 2000cc

RM3 Effective engine capacity 2001 - 4000cc

RM4 Effective engine capacity 4001cc & above.

RM5 Exotics Level 2 ($150K to under $250K with Type RR eligibility or Exotics $85K to under $150K with Type RM eligibility)

TYPE RH

RH1 Effective engine capacity 0 - 1600cc

RH2 Effective engine capacity 1601 - 2000cc

RH3 Effective engine capacity 2001 - 4000cc

RH4 Effective engine capacity 4001cc & above.

RH5 Exotics Level 3 ($250K and over with Type RR eligibility or Exotics $150K to under $250K with Type RM eligibility)

TYPE TA

TA1 Two Wheel Drive Vehicles that comply with the WTAC Tuner or Clubsprint Regulations contained in the Type TA Technical Regulations.

TA2 Four Wheel Drive Vehicles that comply with the WTAC Tuner or Clubsprint Regulations contained in the Type TA Technical Regulations.

TA3 Two Wheel Drive Vehicles that comply with the WTAC Open Regulations contained in the Type TA Technical Regulations.

TA4 Four Wheel Drive Vehicles that comply with the WTAC Open Regulations contained in the Type TA Technical Regulations.

DEFINITIONS

Where used in these Technical Regulations, the words and phrases set out in this Definitions section shall have the following meanings. Unless otherwise expressed or implied in these Technical Regulations, words and phrases shall have the same meanings as are contained in the Motorsport Australia Manual.

Aftermarket means non-factory parts, accessories, and upgrades to a motor vehicle to assist in performance and, for the purposes of these Technical Regulations, excludes ***Factory Extras***.

Alternative Materials means materials of suitable and acceptable strength and construction for use in motor vehicle parts and panels.

Motorsport Australia Approved Boost Monitor means a boost monitor, as specified by Motorsport Australia and referred to in the Group 3J - Improved Production Cars rules contained in the Motorsport Australia Manual.

Motorsport Australia Approved Restrictor means a restricting orifice as referred to and described in the Group 3J - Improved Production Cars rules contained in the Motorsport Australia Manual.

Cold Air Box means an aftermarket device used to bring relatively cool air into a car's internal-combustion engine.

Clubman means a lightweight two-seater open-top sports car generally based on the Lotus Seven, which may be either constructed with a chassis or be of monocoque construction with no limitation placed on the material used in the body shell. A Clubman shall include, but not be limited to, vehicles generally based on the Lotus Seven either manufactured by (either whole, in part or in kit form) or marketed as Lotus, PRB, Birkin, Amaroo, Westfield, Caterham, Elfin, Fraser and Leitch but shall exclude any Clubman Sports 1300 or any other vehicle described in Group 2C – Supersports Cars in the Motorsport Australia Manual.

Eligible Vehicle means a vehicle available for purchase from a major manufacturer, either currently or previously, as a new mass-produced vehicle.

EMS means the electronic device that controls various aspects of the operation of the vehicle's engine including but not limited to, the control of:

(a) the vehicle's ignition,

(b) the vehicle's fuel supply and fuel injection, and

(c) if the vehicle is turbocharged, the inlet pressure of the vehicle's turbocharger.

Such a device is variously known as the Engine Management System, the Engine Control Unit and/or the Engine Control Module.

EMS Modification means the modification of the EMS that is standard to the vehicle concerned in any manner whatsoever and includes but is not limited to: -

(a) modification (including reprogramming) of the software program incorporated in and forming part of the EMS, and/or

(b) the "flashing", "chip tuning" and/or "remapping" of the EMS

but it does not include:

(c) the replacement of the EMS with another EMS that is not standard to the vehicle concerned and/or

(d) any modification that increases the inlet pressure of the vehicle concerned.

Exotic means:

(a) any ***Road Registered*** vehicle that has or had a Manufacturer's Recommended Retail Price that exceeds A$85,000 and/or

(b) any ***Road Registered*** vehicle that the NSW Supersprint Panel determines, in its absolute discretion, should compete in an ***Exotic*** Class because of its performance capabilities

The Manufacturer's Recommended Retail Price shall not include any On Road Costs, however Performance Option Costs are included.

For the purposes of this definition:

(c) On Road Costs means those costs that are commonly added to the price of new vehicles by the seller prior to delivery, including, without limitation, Stamp Duty, Registration Fees, premiums paid or payable for any Compulsory Third-Party Insurances and any Dealer Delivery Fees, and

(d) Performance Option Costs means the total cost of any ***Factory Extra*** that has been added to any vehicle that, either wholly or in part, enhances the performance of the vehicle, including, without limitation, the speed, braking, engine power, aerodynamics and/or handling ability of the vehicle.

Factory Extra means any optional extra available for purchase at the time of the sale of the original vehicle but only if such optional extra was manufactured by or on behalf of the manufacturer of the vehicle and offered for sale by the seller of the new vehicle.

Forced Induction Engine means an engine that uses a gas compressor (either a supercharger or turbocharger) to increase the pressure, temperature and density of the air that is delivered to it. An engine without forced induction is considered a naturally aspirated engine.

Forced Induction Car means any vehicle with a Forced Induction Engine.

Four Wheel Drive Vehicle means a four-wheel vehicle where all four wheels are or can be driven.

Improved Production Import means a race vehicle derived from a registered production automobile, with limited modifications to improve performance and reliability in speed events on circuits or closed courses. To be eligible:

(a) the model of the vehicle that the race vehicle was derived from must be or have been a mass-produced touring car, the model of which is or has been commercially available to the public outside of Australia as a new car, capable of registration for normal road use in the country of manufacture, through a manufacturer's dealer network, and

(b) at least 200 examples of such model must have been registered for road use in the country of manufacture, and

(c) at least 200 examples of such model must have been produced in a 12 consecutive month period.

Kit Car means a car produced by the assembly of a kit or set of components supplied by a supplier, which supplier may or may not be the manufacturer of some or all of the components supplied, where the assembly of the components is carried out by a party other than the supplier of the components.

Production Sports Car means any vehicle that complies with either the Group 2B or the Group 2F Prodsport regulations contained in the Motorsport Australia Manual and includes any vehicle specified in the Group 2B/2F – Prodsports Eligible Vehicles list but it excludes any vehicle contained in that list that is a Clubman.

Production Car means a mass-produced automobile, either manufactured in Australia and/or overseas, the model of which is or has been commercially available to the public in Australia and/or overseas as a new car through a manufacturer's dealer network, and

(a) at least 200 examples of such model must have been registered for normal road use in Australia and/or in the country of manufacture, and

(b) at least 200 examples of such model must have been produced in a 12 consecutive month period.

Racing Car means an automobile offering accommodation for one person designed exclusively for races and speed events that complies with:

(a) the General Requirements of Automobiles specified in Schedules A, B and C, and

(b) the General Requirements specified in 1st Category: Racing Cars of the Motorsport Australia Manual.

Registration Papers, in respect of a vehicle, means the documentation, digital or otherwise, identifying the vehicle issued by the appropriate body administering the registration system of vehicles used for normal road use in Australia that identifies the registered operator of the vehicle and the fact that it is ***Road Registered***.

Replica means a car that is not mass produced but is generally available to the public and which is intended to resemble a car manufactured by others either in performance or appearance.

Road Registered means registered for general road use in New South Wales by Transport for NSW (formerly the NSW Roads and Maritime Service) or in any other state or territory within the Commonwealth of Australia by its interstate equivalent including but limited to any vehicle registered in New South Wales under the Historic Vehicle Scheme (HVS) or the Classic Vehicle Scheme (CVS).

Road Tyre means a tyre that is included in the Production Car Tyre List in Schedule E of the Technical Appendix of the Motorsport Australia Manual.

Sports Car means an automobile with no more than two (2) doors designed primarily for road use with at least two (2) seats equally disposed about the centreline of the automobile capable of seating two adults.

Sports Racing Car means a two-seater sports car or other two-seater highly modified car that complies with any of the Groups specified in 2nd Category: Sports Cars of the Motorsport Australia Manual.

Sports Racer means a restricted design open, centre seated, sports- racing car with a mid-mounted engine driving the rear wheels only and intended for use in speed events and races as described and specified in 6th Category: Other Vehicles of the Motorsport Australia Manual as a Sports Racer.

Touring Car means an automobile designed primarily for road use with at least four (4) seats capable of seating four (4) adults with seats and leg room complying with the dimensions defined for touring cars by the FIA.

Two Wheel Drive Vehicle means a four-wheel vehicle where only two wheels of the vehicle are or can be driven and includes both rear wheel drive and front wheel drive vehicles.

WTAC means World Time Attack Challenge.

To assist in the interpretation of these regulations, the words and phrases defined in this Definition section are shown throughout these regulations in bold font in italics.

TYPE 1S

OPEN WHEELERS AND CLUBMANS ON SLICKS
TECHNICAL REGULATIONS

1. General

a. This type is intended for:
   i. All ***Clubmans***, ***Kit Cars*** and ***Replicas*** (whether ***Road Registered*** or not),
   ii. ***Racing Cars***,
   iii. ***Sports Racing Cars***,
   iv. ***Sports Racers***, and
   v. such other unregistered vehicles, without limitation, built specifically for racing and/or speed events that the NSW Supersprint Panel may determine, in its absolute discretion, are eligible to compete as Type 1S vehicles.

b. Go Karts, other vehicles of a similar size and structure and any vehicle that the NSW Supersprint Panel determines to be unsafe for visibility reasons to compete in a multi car event are specifically excluded from this Type.

c. All vehicles in this Type must comply with the General Requirements of Automobiles Schedules A & B contained in the Motorsport Australia Manual AND, except for any vehicle determined by the NSW Supersprint Panel to be eligible to compete as a Type 1S vehicle pursuant to Type 1S Vehicle Regulation 1(a)(v) above:
   i. ***Racing Cars*** must conform to the 1st Category: Racing Cars specifications contained in the Motorsport Australia Manual and to one of the Formulas that are specified in the 1st Category: Racing Cars as referred to in the Motorsport Australia Manual and as may be applicable to the vehicle,
   ii. ***Sports Racing Cars*** must conform to the specifications contained in one of the Groups from time to time that are specified in the 2nd Category: Sports Cars as referred to in the Motorsport Australia Manual and as may be applicable to the vehicle,
   iii. ***Sports Racers*** must conform to the specifications contained in Group 6SR: Sports Racers specified in the 6th Category: Other Vehicles as referred to in the Motorsport Australia Manual.

d. Notwithstanding Regulation 1(b) of these Type 1S Regulations, all vehicles in this Type with an engine displacement of 3,529cc or less are permitted to install a supercharger or a turbocharger but if installed in a Formula Vee, Formula Ford 1600 or a Formula Ford, the vehicle will no longer be eligible to compete in Class 1S1 or 1S2 (as may be applicable) and it must compete in Class 1S3 or Class 1S4 as may be determined by the engine capacity.
e. To enable class amalgamations to be made pursuant to the Supersprint Championship Sporting regulations, any vehicle that is classified as either a Class 1S1 or Class 1S2 vehicle pursuant to these regulations shall be eligible to be entered in any Supersprint as a Class

1S3 or Class 1S4 vehicle if the engine capacity of the vehicle does not exceed the maximum capacity allowable in the Class entered.

2. Logbook

a. All vehicles that are not ***Road Registered*** must be issued with a Motorsport Australia logbook, which must be available for inspection when the vehicle is presented for scrutineering. If a vehicle is ***Road Registered***, then the ***Registration Papers*** for that vehicle must be available for inspection to verify that the vehicle is ***Road Registered*** to permit eligibility for freedoms granted to Road Registered vehicles in the Type.

3. Tyres

a. Subject to the exclusions and matters contained in Clauses 3(b) and 3(c) of these Type 1S regulations, all vehicles are permitted to use slicks in this Type 1S.

b. Formula Vees, Formula Ford 1600s and Formula Fords must use either the control tyres specified in the description of a Formula Vee, Formula Ford 1600 or a Formula Ford (as applicable) in the Motorsport Australia Manual or ***Road Tyres*** to remain eligible to compete as a Formula Vee, a Formula Ford 1600 or a Formula Ford and be eligible for Classes 1S1 and 1S2. However, any vehicle that otherwise conforms as a Formula Vee, a Formula Ford 1600 or a Formula Ford shall be permitted to employ or use slicks but if it does so it shall no longer be classified as a Formula Vee, a Formula Ford 1600 or a Formula Ford but shall be classified as a Class 1S3 vehicle.

c. Vehicles competing in Class 1S1 of these Type 1S regulations must use ***Road Tyres***.

TYPE 2R

PRODUCTION SPORTS CARS ON ROAD TYRES
TECHNICAL REGULATIONS

(Based on Group 2F - Prodsports Regulations)

1. General

a. Apart from anything to the contrary specifically contained in these Type 2R Regulations and in the available classes for Type 2R as set out earlier in these Technical Regulations, to be eligible to compete in this Type a vehicle must either:
   i. comply with the Group 2F: Prodsports regulations as specified in the Motorsport Australia Manual, or
   ii. be both a ***Production Sports Car*** and an ***Exotic*** that, apart from being an ***Exotic***, complies with the Type RM Regulations.

b. ***Clubman's, Kit Cars*** and ***Replicas*** are excluded from this Type.

c. All vehicles in the Type must comply with the General Requirements of Automobiles Schedules A & B contained in the Motorsport Australia Manual.

d. To enable class amalgamations to be made pursuant to the Supersprint Championship Sporting regulations, any vehicle that is classified as a Type 2R vehicle pursuant to these regulations shall be permitted enter in any Class in this Type 2R if engine capacity of the vehicle does not exceed the maximum capacity allowable in the Class entered.

2. Safety

a. Vehicles that are not ***Road Registered***:
   i. must be fitted with an approved safety cage, and
   ii. if the vehicle is a closed vehicle, a window net that complies with the requirements set out in Schedule I of the Motorsport Australia Manual must be fitted to the driver's door window opening.

b. Drivers whose vehicle's logbook Category requires the use of a Frontal Head Restraint (FHR) system must wear an FHR that complies with the requirements set out in Schedule D of the Motorsport Australia Manual

3. Logbook

a. All vehicles that are not ***Road Registered*** must be issued with a Motorsport Australia logbook, which must be available for inspection when the vehicle is presented for scrutineering. If a vehicle is ***Road Registered***, then the ***Registration Papers*** for that vehicle must be available for inspection to verify that the vehicle is ***Road Registered*** to

permit eligibility for freedoms granted to ***Road Registered*** vehicles in the Type.

4. Tyres

a. ***Road Tyres*** must be used on all vehicles competing in this Type.

TYPE 2S

PRODUCTION SPORTS CARS ON SLICKS
TECHNICAL REGULATIONS

(Based on Group 2B Prodsports Regulations)

1. **General**
    a. Apart from anything to the contrary specifically contained in these Type 2S Regulations and in the available classes for Type 2S as set out earlier in these Technical Regulations, to be eligible to compete in this Type a vehicle must comply with the Group 2B Prodsports regulations as specified in the Motorsport Australia Manual. However, if a vehicle:
        i. complies with the Group 2F Prodsports regulations as specified in the Motorsport Australia Manual or
        ii. if it is a ***Sports Car*** that is both ***Road Registered*** and a ***Production Car*** then it shall be entitled to the freedoms and be subject to the restrictions listed hereafter and be eligible to compete in this Type 2S.

    b. All vehicles in the Type must comply with the General Requirements of Automobiles Schedules A & B contained in the Motorsport Australia Manual.

    c. To enable class amalgamations to be made pursuant to the Supersprint Championship Sporting regulations, any vehicle that is classified as a Type 2S vehicle pursuant to these regulations shall be permitted enter in any Class in this Type 2S provided that engine capacity of the vehicle does not exceed the maximum capacity allowable in the Class entered.
    d. ***Clubman's, Kit Cars*** and ***Replicas*** are specifically excluded from this Type.

2. **Safety**
    a. Vehicles that are not ***Road Registered*** must be fitted with:
        i. an approved roll cage, and
        ii. if the vehicle is a closed vehicle, a safety window net that complies with the requirements set out in Schedule I contained in the Motorsport Australia Manual must be fitted to the driver's door window opening.
        iii. Drivers whose vehicle's logbook Category requires the use of a Frontal Head Restraint (FHR) system must wear an FHR that complies with the requirements set out in Schedule D of the Motorsport Australia Manual.
3. **Log book**
    a. All vehicles that are not ***Road Registered*** must be issued with a Motorsport Australia logbook, which must be available for inspection when the vehicle is presented for scrutineering. If a vehicle is ***Road Registered***, then the ***Registration Papers*** for that vehicle must be available for inspection to verify that the vehicle is ***Road Registered*** to permit eligibility for freedoms granted to ***Road Registered*** vehicles in the Type.

TYPE 3R

TOURING CARS ON ROAD TYRES
TECHNICAL REGULATIONS

(Based on Group 3J Improved Production Cars Regulations)

1. **General**
   a. Apart from anything to the contrary specifically contained in these Type 3R Regulations and in the available classes for Type 3R as set out earlier in these Technical Regulations, to be eligible to compete in this Type a vehicle must comply with the Group 3J: Improved Production Cars regulations as specified in the Circuit Race Appendix of the Motorsport Australia Manual. However, if a vehicle complies with:
      i. the Group 3E: Production Cars, or
      ii. the Group 3H: HQ Holdens or
      iii. the Group 3K: Saloon Cars regulations as contained in the Motorsport Australia Manual or
      iv. is both a ***Touring Car*** and an ***Exotic*** that, apart from being an ***Exotic***, complies with the Type RM Regulations
      then it shall also be entitled to the freedoms and be subject to the restrictions listed hereafter and be eligible to compete in this Type 3R.

   b. If it is a vehicle that otherwise complies with the requirements for Group 3E: Production Cars, Group 3H: HQ Holdens, Group 3J: Improved Production Cars or Group 3K: Saloon Cars as defined in the Motorsport Australia Manual, a vehicle that is a hatchback, station wagon, utility or a van shall be eligible to compete in this Type 3R.

   c. An ***Improved Production Import*** is permitted to compete in this Type 3R.

   d. To enable class amalgamations to be made pursuant to the Supersprint Championship Sporting regulations, any vehicle that is classified as a Type 3R vehicle pursuant to these regulations shall be permitted to enter in any Class in this Type 3R if engine capacity of the vehicle does not exceed the maximum capacity allowable in the Class entered.

   e. ***Clubman's, Kit Cars*** and ***Replicas*** are excluded from this Type.

   f. All vehicles in this Type, including Group 3E: Production Cars, Group 3H: HQ Holdens and Group 3K: Saloon Cars, must comply with all of the Group 3J: Improved Production Cars regulations contained in the Motorsport Australia Manual that relate to ***Forced Induction*** Cars or ***Forced Induction Engines***, including the use of a ***Motorsport Australia Approved Restrictor***, a ***Motorsport Australia Approved Boost Monitor*** and ***EMS Modifications***.

g. All vehicles in the Type must comply with the General Requirements of Automobiles Schedules A & B contained in the Motorsport Australia Manual.

h. A maximum capacity of 6000cc shall apply to all vehicles in this Type, including Group 3E Production Cars, Group 3H: HQ Holdens and Group 3K: Saloon Cars, BUT it shall not apply to any vehicle that complies with Articles 16.2 and 16.3 of the Group 3J: Improved Production Cars regulations contained in the Motorsport Australia Manual.

i. Wheels can be altered in accordance with Group 3J: Improved Production Cars regulations, or may be altered to any width, provided that the upper part of the wheel (rim flange and tyre flank) when viewed vertically over the wheel hub centre must be housed within the original bodywork when measured vertically. Reforming of the wheel-arch beading against the inside of the mudguard is permitted.

j. ***Road Tyres*** must be used on all vehicles competing in this Type.

k. Tyre sizes with respect to width and aspect ratio are free.

l. At no time prior to the commencement of competition may any tread wear indicator as provided by the manufacturer be exposed. In all areas where there is no indicator the original tread pattern must be clearly visible except on the shoulder of the tyre where excessive wear may occur due to steering and cornering

2. Safety

a. Vehicles that are not ***Road Registered***:
   i. must be fitted with an approved roll cage, and
   ii. if the vehicle is a closed vehicle, a safety window net that complies with the requirements set out in Schedule I contained in the Motorsport Australia Manual must be fitted to the driver's door window opening.
   iii. Drivers whose vehicle's logbook Category requires the use of a Frontal Head Restraint (FHR) system must wear an FHR that complies with the requirements in Schedule D of the Motorsport Australia Manual.

3. Logbooks

a. All vehicles that are not ***Road Registered*** must be issued with a Motorsport Australia logbook, which must be available for inspection when the vehicle is presented for scrutineering. If a vehicle is ***Road Registered***, then the ***Registration Papers*** for that vehicle must be available for inspection to verify that the vehicle is ***Road Registered*** to permit eligibility for freedoms granted to ***Road Registered*** vehicles in the Type.

TYPE 3S

TOURING CARS ON SLICKS
TECHNICAL REGULATIONS

(Based on Group 3D Sports Sedan Regulations)

1. **General**
    a. Apart from anything to the contrary specifically contained in these Type 3S Regulations and in the available classes for Type 3S as set out earlier in these Technical Regulations, to be eligible to compete in this Type a vehicle must comply with the Group 3D: Sports Sedans regulations as contained in the Motorsport Australia Manual. However, if a vehicle complies with:
        i. the Group 3E: Production Cars or
        ii. the Group 3H: HQ Holdens or
        iii. the Group 3J: Improved Production Cars or the Group 3K: Saloon cars regulations as contained in the Motorsport Australia Manual or
        iv. if it is a ***Touring Car*** that is both Road Registered and a ***Production Car*** then it shall be entitled to the freedoms and be subject to the restrictions listed hereafter and be eligible to compete in this Type 3S.

    b. All vehicles in the Type must comply with the General Requirements of Automobiles Schedules A & B contained in the Motorsport Australia Manual.

    c. Type 3R Improved Production Cars competing in this Type 3S will not be required to comply with any restrictions concerning any forced induction used in the vehicle that may be either specified or applicable under the Group 3J Improved Production Car regulations contained in the Motorsport Australia Manual.

    d. To enable class amalgamations to be made pursuant to the Supersprint Championship Sporting regulations, any vehicle that is classified as a Type 3S vehicle pursuant to these regulations shall be permitted enter in any Class in this Type 3S if the engine capacity of the vehicle does not exceed the maximum capacity allowable in the Class entered.

    e. Any ***Touring Car*** that is ***Road Registered*** that has a standard engine capacity above 6,000cc may retain its original capacity plus 2% and shall compete in Class 3S4.

    f. Provided that it is ***Road Registered*** or it otherwise complies with the requirements for either a Group 3D Sports Sedan or Group 3J improved Production Car as defined in the Motorsport Australia Manual, a vehicle that is a hatchback, station wagon, utility or a van shall be eligible to compete in this Type 3S.

    g. ***Clubman's, Kit Cars*** and ***Replicas*** are specifically excluded from this Type.

2. Safety

a. Vehicles that are not ***Road Registered*** must be fitted with:

i. an approved roll cage, and

ii. if the vehicle is a closed vehicle, a safety window net that complies with the requirements set out in Schedule I contained in the Motorsport Australia Manual must be fitted to the driver's door window opening.

iii. Drivers whose vehicle's logbook Category requires the use of a Frontal Head Restraint (FHR) system must wear an FHR that complies with the requirements in Schedule D of the Motorsport Australia Manual.

3. Logbooks

a. All vehicles that are not ***Road Registered*** must be issued with a Motorsport Australia logbook, which must be available for inspection when the vehicle is presented for scrutineering. If a vehicle is ***Road Registered***, then the ***Registration Papers*** for that vehicle must be available for inspection to verify that the vehicle is ***Road Registered*** to permit eligibility for freedoms granted to ***Road Registered*** vehicles in the Type.

TYPE RR

ROAD REGISTERED CARS ON ROAD TYRES WITH MINOR MODIFICATIONS
TECHNICAL REGULATIONS

1. General

a. This Type is generally intended for ***Road Registered*** vehicles with minor modifications. Vehicles specified in the Type RR Excluded Vehicles Schedule, ***Clubmans, Kit Cars*** and ***Replicas*** are specifically excluded from this Type.

b. The NSW Supersprint Panel may delete vehicles from or add vehicles to the ***Type RR Excluded Vehicles Schedule***, at any time and at its absolute discretion, if it considers that any vehicle so deleted or added is or is not (as may be applicable) eligible to compete in Type RR because of its performance capabilities. The "***Type RR Excluded Vehicles Schedule***" is located at the end of these Technical Regulations.

c. Allowable vehicle body types include open sports (with mudguards), sports coupes, sedans, station wagons, utilities and vans.

d. The entire vehicle must be as originally specified by the manufacturer except for the specific freedoms allowed herein.

e. The vehicle must be a ***Production Car***.

f. The vehicle must be ***Road Registered***.

g. All vehicles in the Type must comply with the General Requirements of Automobiles Schedules A & B contained in the Motorsport Australia Manual. Any modifications necessary to comply with the said requirements are permitted.

h. Where freedom is permitted to fit nominated or recognised parts, such freedom is strictly limited to such components themselves and it shall not be permissible to modify other parts, save by the drilling of holes for supporting purposes.

i. The NSW Supersprint Panel reserves the right to recognise or reject makes and models at its' discretion.

j. Any vehicle that is classified as a Type RR vehicle pursuant to these regulations shall be permitted to enter in any Class in this Type RR if the engine capacity of the vehicle does not exceed the maximum capacity allowable in the Class entered.

k. Number plates may be removed or concealed but current Registration Papers must be available for inspection by the Event Secretary and when the vehicle is presented for scrutineering to verify that the vehicle is Road Registered.

l. ***Factory Extras*** are permitted.

2. Coachwork

a. Safety equipment and cosmetic or comfort accessories may be added, if they do not improve the performance of the vehicle.

b. Additional instruments and switches are permitted and may be fitted to a separate panel.

c. Additional headlights (e.g. fog lights and driving lights) are permitted.

d. The spare wheel and associated tools may be removed.

e. The driver's seat may be replaced with a non-standard seat that is commercially available and permitted in a ***Road Registered*** vehicle. The front passenger's seat may also be replaced provided that the replacement seat is equivalent to or better than the seat replacing the driver's seat. Seat supports may be modified to enable fitment of an allowable replacement seat. Any rear seat or seats may be removed.

3. Engine

a. The engine may be reconditioned as stated in the manufacturer's repair manual.

b. Baffle plates may be fitted to the removable section of the oil pan.

c. Freedom of supply is permitted in respect to condensers, coils, filter elements, spark plugs, leads, fan belts, radiators, radiator hoses and gaskets.

d. The exhaust system is free on naturally aspirated vehicles and ***Forced Induction Vehicles***. On turbocharged vehicles the exhaust is free from the exit of the turbocharger only. No muffler(s) shall be visible outside the perimeter of the vehicle when viewed from above or the side. Noise restriction requirements of the vehicle registration authority must be adhered to.

e. No ***EMS Modifications*** are permitted.

f. Carburettors may be replaced, provided the replacement(s) are of the same configuration (i.e. downdraught or side draught) and have the same number of inlet

venturis as the originals.

g. A sandwich-type adaptor plate to enable installation of a replacement carburettor is permitted.

h. ***Cold Air Boxes*** are permitted.

4. Transmission

a. Clutch linings are free, as is their method of attachment.

b. Limited slip differentials are permitted only when available as an option for the model concerned from the original manufacturer, or its authorised supplier.

5. Brakes

a. Non OEM, but ADR compliant brake hoses are permitted.

b. Brake linings and rotors are free provided that:
   i. the diameters of the rotors are not increased, and
   ii. the width of wheels is not increased beyond that permitted in these Type RR Regulations.

6. Suspension

a. The type of shock absorber is free but not their number or mounting points.

b. The rate and length of springs is free and adjustable spring platforms are permitted.

c. Sway bars may be added, replaced or deleted.

d. It is permitted to adjust the wheel alignment in accordance with the manufacturer's recommendations and/or normal wheel alignment principles, except that the original dimensions must be respected as to wheelbase and a maximum increase in track of 26 millimetres is permitted for camber adjustment only.

e. Camber may be adjusted to a maximum of 3 degrees negative by the use of either aftermarket kits or equipment or by the physical modification of any component or components that form part of the suspension to the vehicle provided that the tyres do not come in contact with and remain clear of the vehicle.

f. Plain bushings may be replaced by those of a different material provided that original dimensions are retained.

7. Fuel

a. Commercial Fuel may only be used and must be in accordance with Schedule G of the Motorsport Australia Manual. Octane improvers are not permitted. ULP brands of Pump Fuels may be mixed but ethanol-blended Pump Fuels and ULP Pump Fuels may not be mixed.

8. Wheels and Tyres

a. Standard or original wheels are only those sizes shown on the vehicles tyre placard.

b. Nonstandard wheels can be used if they are the same diameter and not more than 26 millimetres wider than the original wheels and provided also that the tyres do not extend beyond the outer edge of the coachwork (including wheel arch flares) when viewed vertically from above.

c. ***Road Tyres*** must be used on all vehicles competing in this Type.

d. Tyre sizes must adhere to manufacturers' original specifications in respect to aspect ratio, but the tyre width can be increased by up to 26 millimetres in width over the manufacturer's original specifications.

e. At no time prior to the commencement of competition may any tread wear indicator as provided by the manufacturer be exposed. In all areas where there is no indicator the original tread pattern must be clearly visible except on the shoulder of the tyre where excessive wear may occur due to steering and cornering.

TYPE RM

ROAD REGISTERED CARS ON ROAD TYRES WITH MODERATE MODIFICATIONS

TECHNICAL REGULATIONS

1. General

a. This type is generally intended for ***Road Registered*** vehicles with modifications more than those permitted in Type RR.

b. ***Clubman's, Kit Cars*** and ***Replicas*** are specifically excluded from this Type.

c. Allowable vehicle body types include open sports (with mudguards), sports coupes, sedans, hatchbacks, station wagons, utilities and vans.

d. The entire vehicle must be as originally specified by the manufacturer except for the specific freedoms allowed herein.

e. The vehicle must be a ***Production Car***.

f. The vehicle must be ***Road Registered***.

g. All vehicles in the Type must comply with the General Requirements of Automobiles Schedules A & B contained in the Motorsport Australia Manual. Any modifications necessary to comply with the said requirements are permitted.

h. Where freedom is permitted to fit nominated or recognised parts, such freedom is strictly limited to such components themselves and it shall not be permissible to modify other parts, save by the drilling of holes for supporting purposes.

i. The NSW Supersprint Panel reserves the right to recognise or reject makes and models at its discretion.

j. To enable class amalgamations to be made pursuant to the Supersprint Championship Sporting regulations, any vehicle that is classified as a Type RM vehicle pursuant to these regulations shall be permitted to enter in any Class in this Type RM if the engine capacity of the vehicle does not exceed the maximum capacity allowable in the Class entered.

k. Number plates may be removed or concealed but current ***Registration Papers*** must be available for inspection by the Event Secretary and when the vehicle is presented for scrutineering to verify that the vehicle is ***Road Registered***.

l. ***Factory Extras*** are permitted.

m. ***EMS Modifications*** are permitted to all vehicles in this Type RM.

2. Coachwork

a. Safety equipment and cosmetic or comfort accessories may be added, provided they do not improve the performance of the vehicle.

b. Reforming of the wheel-arch beading against the inside of the mudguard is permitted, and any body joint protrusion may be rendered safe.

c. Additional instruments and switches are permitted and may be fitted to a separate panel.

d. Additional headlights (e.g. fog lights and driving lights) are permitted.

e. The spare wheel and associated tools may be removed.

f. The steering wheel may be replaced.

g. The addition of a sunroof does not necessarily render the vehicle ineligible. Each case should be considered on its merits, taking the extent of structural modification and safety into account.

h. All controls and their functions must remain as provided by the manufacturer, but it is permissible to arrange them in such a way as to make them more accessible and easier to use (e.g. fitting additional padding to pedals, extensions to switches, etc).

i. The driver's seat may be replaced with a non-standard seat that is commercially available. The front passenger's seat may also be replaced provided that the replacement seat is of a standard that is equivalent to or better than the seat replacing the driver's seat. Seat supports may be modified to enable fitment of an allowable replacement seat. Any rear seat or seats may be removed.

j. Carpets and sound deadening material may be removed.

k. Bracing may be fitted between the front MacPherson strut towers.

3. Engine

a. Carburettors may be replaced, provided the replacement(s) are of the same configuration (i.e. downdraught or side draught) and have the same number of inlet

venturis as the originals.

b. ***Cold Air Boxes*** are permitted.

c. A sandwich-type adaptor plate to enable installation of a replacement carburettor is permitted.

d. Fuel injectors are free but not their number or position. Fuel injection cannot replace carburettor(s) and vice versa.

e. Pistons and piston rings are free.

f. Material may be removed from, but not added to, piston crowns and cylinder heads for the purpose of volumetric balancing of the combustion chambers only.

g. Material may be removed from conrods, crankshafts and flywheels for the purpose of balancing and surface polishing.

h. Material may be removed from cylinder bores (for reconditioning purposes) to the limit of manufacturer's specifications.

i. The camshaft is free but not the number of bearings.

j. Inlet and exhaust manifolds and ports may be internally polished and reshaped.

k. On rotary engines the original dimensions of the intake and exhaust ports on the inner side of the engine can be changed, however, bridge and peripheral porting is not permitted.

l. Apart from:
    i. any ***EMS Modifications*** that are permitted pursuant to Regulation 1 (m) of these Type RM regulations or
    ii. the fitting of a ***Cold Air Box*** that is permitted pursuant to Regulation 3 (b) of these Type RM regulations,

    no modifications are permitted to be made on turbocharged vehicles to the induction system or any components associated with its functioning.

m. Baffle plates may be fitted to, and modifications may be made to increase the oil capacity of the removable section of the oil pan.

n. The air cleaner and filter element is free.

o. Freedom of supply is permitted in respect to condensers, coils, filter elements, spark plugs, leads, fan belts, radiators, radiator hoses and gaskets.

p. The exhaust system is free on naturally aspirated vehicles and supercharged vehicles. On turbocharged vehicles the exhaust is free from the exit of the turbocharger only. No muffler(s) shall be visible outside the perimeter of the vehicle when viewed from above or the side. Note: noise restriction requirements of the vehicle registration authority must be adhered to.

q. Air conditioning systems are free.

4. Transmission

a. Clutch linings are free, as is their method of attachment.

b. Limited slip differentials are permitted only when available as an option for the model concerned from the original manufacturer, or its authorised supplier. Modifications to the differential cover or the fitting of a high-capacity differential cover to increase the oil capacity of the vehicle differential are permitted.

c. Non-standard gear and differential ratios are permitted only when available as an option for the model concerned from the original manufacturer, or its authorised supplier.

5. Brakes

a. Non OEM, but ADR compliant brake hoses are permitted.

b. Brakes (including rotors, callipers, number of callipers, number of brake calliper pistons and brake pads) are free provided that they don't come in contact with and remain clear of any wheels fitted to the vehicle in accordance with Regulation 8(a) of these Type RM Regulations.

6. Suspension

a. The type of shock absorber is free but not their number or mounting points.

b. The rate and length of springs is free and adjustable spring platforms are permitted.

c. Sway bars may be added, replaced or deleted.

d. Camber may be adjusted to a maximum of 3 degrees negative by the use of either aftermarket kits or equipment or by the physical modification of any component or components that form part of the suspension to the vehicle provided that the tyres do

not come in contact with and remain clear of the vehicle.

e. Plain bushings may be replaced by those of a different material provided that original dimensions are retained.

7. Fuel

a. Commercial Fuel may only be used and must be in accordance with Schedule G of the Motorsport Australia Manual. Octane improvers are not permitted. ULP brands of Pump Fuels may be mixed but ethanol-blended Pump Fuels and ULP Pump Fuels may not be mixed.

8. Wheels and Tyres

a. Standard or original wheels are only those sizes shown on the vehicles tyre placard.

b. Nonstandard wheels can be used if they are not more than 26 millimetres wider and not more than 51 millimetres in diameter than the original wheels and provided also that the tyres do not extend beyond the outer edge of the coachwork (including wheel arch flares) when viewed vertically from above.

c. ***Road Tyres*** must be used on all vehicles competing in this Type.

d. Tyre sizes with respect to width and aspect ratio are free.

e. At no time prior to the commencement of competition may any tread wear indicator as provided by the manufacturer be exposed. In all areas where there is no indicator the original tread pattern must be clearly visible except on the shoulder of the tyre where excessive wear may occur due to steering and cornering.

9. Steering

a. Aftermarket power steering cooling units are permitted.

TYPE RH

ROAD REGISTERED CARS ON ROAD TYRES WITH HIGH LEVEL OF MODIFICATIONS

TECHNICAL REGULATIONS

1. General

a. This type is generally intended for ***Road Registered*** vehicles with modifications as permitted in Type RM and the ***WTAC*** Tuner Class Technical Regulations. If there is a conflict in these regulations, the Type RM and RH regulations will prevail.

b. Vehicle Signage is excluded from the ***WTAC*** Tuner Class Technical Regulations for this Class.

c. Except for Clause 1. (p) the ***WTAC*** Tuner Class safety cage requirement is excluded from this Class only for closed vehicles.

d. Tyres are free except that tyres must be ***Road Tyres*** and tyre widths must not exceed those permitted in the ***WTAC*** Tuner Class Technical Regulations.

e. Wheel arch modifications, other than lip rolling are not permitted to provide clearance for wheels and tyres.

f. Bonnets made from ***Alternative Materials*** are permitted.

g. ***Clubman's, Kit Cars*** and ***Replicas*** are specifically excluded from this Type.

h. Allowable vehicle body types include open sports (with mudguards), sports coupes, sedans, hatchbacks, station wagons, utilities and vans.

i. The vehicle must be a ***Production Car***.

j. The vehicle must be ***Road Registered***.

k. The NSW Supersprint Panel reserves the right to recognise or reject makes and models at its discretion.

~~l. The entire vehicle must be as originally specified by the manufacturer except for the specific freedoms permitted.~~

m. All vehicles in the Type must comply with the General Requirements of Automobiles Schedules A & B contained in the Motorsport Australia Manual. Any modifications

necessary to comply with the said requirements are permitted.

n. All vehicles in this Type must be street driven, but if the driver's seat has been temporarily replaced to allow the use of an FHR system it may be transported to an event by trailer.

o. Number plates may be removed or concealed but current ***Registration Papers*** must be available for inspection upon request to verify that the vehicle is ***Road Registered***.

p. Any vehicle that is faster or has the potential to be faster than 1 minute and 40 seconds on the SMSP Gardner Circuit must be fitted with a Type 2 Safety Cage (half cage) in compliance with Schedule J and the driver must use a frontal head restraint system in compliance with Schedule D of the Motorsport Australia Manual Technical Appendix.

q. To enable class amalgamations to be made pursuant to the Supersprint Championship Sporting regulations, any vehicle that is classified as a Type RH vehicle pursuant to these regulations shall be permitted to enter in any Class in this Type RH if engine capacity of the vehicle does not exceed the maximum capacity allowable in the Class entered.

2. Fuel

a. Commercial Fuel may only be used and must be in accordance with Schedule G of the Motorsport Australia Manual. Octane improvers are not permitted. ULP brands of Pump Fuels may be mixed but ethanol-blended Pump Fuels and ULP Pump Fuels may not be mixed.

TYPE TA

TIME ATTACK CARS

TECHNICAL REGULATIONS

1 General

a. This type is intended for highly modified mass-produced vehicles and is divided into two (2) Categories complying with the ***WTAC*** regulations:
   i. Tuner or Clubsprint
   ii. Open

   These two Categories are divided into two classes with one class being for ***Two Wheel Drive*** Vehicles and the other for ***Four Wheel Drive*** Vehicles.

b. All vehicles in this type:
   i. must be an ***Eligible Vehicle*** with the steering action on the front wheels only, unless rear wheel steering was fitted to the vehicle as standard, in which case the original system may remain, and
   ii. must be either a ***Two Wheel Drive*** Vehicle or a ***Four Wheel Drive*** Vehicle, and must comply with either the Tuner or Clubsprint or the Open WTAC Technical Regulations.

c. Specifically excluded from this type are:
   i. Open wheel vehicles, ***Clubmans, Kit Cars*** and ***Replicas*** and/or
   ii. any vehicle with more than one engine.

d. All vehicles that are not ***Road Registered*** must be issued with a Motorsport Australia logbook, which must be available for inspection when the vehicle is presented for scrutineering.

e. In addition to the Tyres specified for use in the World Time Attack Challenge Technical Regulations, any brand of ***Road Tyre*** is permitted in this Type.

f. All vehicles in the type must comply with the General Requirements of Automobiles Schedules A & B contained in the Motorsport Australia Manual.

2. Tuner or Clubsprint Category Regulations

a. All vehicles:
   i. must be an Eligible Vehicle and
   ii. can only be modified as permitted in the ***WTAC*** Tuner or Clubsprint Category Technical Regulations.
   iii. may not include vehicles contained in the ***WTAC*** Vehicle Supercar List.

3. **Open Category Regulations**
    a. All vehicles:
        i. must be an Eligible Vehicle and
        ii. can only be modified as permitted in the ***WTAC*** Open Category Technical Regulations.

SCHEDULES

Type RR Excluded Vehicles Schedule

Make & Model	Year	Other Detail	Exemption
Toyota Supra	2020 and after	Forced Induction	Class RR5 only if RR Eligible
Alfa Romeo 4C	All years		Class RR5 only if RR Eligible
Renault Alpine	2017 and after		Class RR5 only if RR Eligible