

BMW Race Driver Series

2 Litre Championship Regulations

2020-2021

1. GENERAL

- a) Factory built race-cars are not eligible, this includes Group A, DTM, 2 Litre SuperTourer, WTCC etc. By factory this refers to cars or kits supplied by BMW Motorsport or recognized works teams. NZ built cars (including NZ Touring cars) are eligible to run within this class.
Entry to the BMW Race Driver Series is by invitation only, at the discretion of the Committee.
- b) All entrants must be current financial members of the BMW Car Club of NZ.
- c) Presentation of cars must be to a high standard and the organizers reserve the right to refuse entry to cars deemed not up to standard. This requirement also applies to vehicles previously accepted for the BMW Race Driver Series where their condition has deteriorated to the point where this is not of an acceptable standard.
- d) The following regulations provide a basic outline of the technical requirements for cars running in the 2 Litre class.
NB: Drivers planning to purchase or modify a car to race in the BMW Race Driver Series are strongly advised to contact the BMW Race Driver Series Committee via e-mail: bmwraceseries@hotmail.com for confirmation of the car's eligibility before committing to the modification/purchase.
- e) The BMW Race Driver Series Committee and its appointed agents will be judge(s) of fact regarding general vehicle eligibility for the Series and regarding any specific technical details of those cars.
- f) Individual Committee Members cannot give you approval or authority. You must get it in writing from the Series."

2. SAFETY REQUIREMENTS

All vehicles are required to adhere to all current MotorSport New Zealand (MSNZ) regulations in Appendix Two – Safety (Schedule A) and Appendix Four - Races (Schedule Z). You can find the current MotorSport NZ manual online (<https://manual.motorsport.org.nz/>), including any amendments or subsequent versions issued by MSNZ.

REQUIRED SAFETY EQUIPMENT

- a) A MSNZ approved competition seat designed for use with a five-point or six-point harness with appropriate mountings must be fitted according to App Two, Sch A, Part 1, Article 4.7.
- b) A suitable MSNZ approved five-point or six-point harness mounted as detailed in App Two, Sch A, Article 4.4.
- c) A MSNZ approved handheld fire extinguisher is mandatory as per App Two, Sch A, Part 1, Article 4.8.
- d) A MSNZ approved multi-point roll cage compliant with App Two, Sch A, Part 2, Article 4.6 with side intrusion bars is mandatory. Alternative roll cages are acceptable provided they meet the following criteria:
 - i. The roll cage design, construction and installation must satisfy all MSNZ regulations.
 - ii. Triangulation between the roll cage front legs and front strut towers is permitted.
 - iii. Safety cage padding must be fitted as required in Article 4.6 (6).
- e) Headlamps shall be covered with protective tape and comply with any current MSNZ requirements.
- f) Forward Head Restraints (FHR) are mandatory.
 - i. All occupants must wear an FHR during all practice, qualifying and races that are part of the BMW Race Driver Series. Failure to do so may result in a penalty or disqualification.
 - ii. FHR devices must be made to an approved standard and fitted and worn as per Appendix Two, Part 1, Article 4.2
- g) Towing eyes must be fitted in accordance with Appendix Two, Schedule A, Part One, Article 5.15.
- h) All vehicles must have a current MSNZ Logbook.

3. TECHNICAL / VEHICLE ELIGIBILITY

- a) This class is generally open to any model BMW car fitted with a BMW engine (regulated by capacity)
- b) Maximum engine capacity for this class is 2000cc.
The Maximum capacity calculation for this class includes an allowance for a factory over-bore of up to +0.5mm only.
- c) Left or right-hand drive vehicles are eligible including cars that have been converted.
- d) **Engines:** Must be a production BMW cylinder block and head casting, all other components are free.
- e) It is permissible to move the engine within the factory engine bay only. It is not permissible to remove, cut or modify the factory firewall/bulkhead in order to move the engine rearwards in the chassis.
- f) **Chassis:** Original unit construction body shells must be used. No space-framed or semi space-framed cars will be allowed. The original floor-pan between the firewall and rear bulkhead (behind the rear seat) must remain as per the manufacturer's original specifications. Save for the fitment of the roll protection, pedal box or exhaust system, further modifications to this area of the floor-pan can only be made with the written permission of the BMW Race Driver Series Committee.
- g) **Bodywork:** Outer body panels may be replaced with items of a different design or material (including composites) to that used on the original. This includes the addition of front or rear spoilers, wings, splitters, wheel arch extensions and/or after-market body kits.
- h) **Drive train:** Gearboxes must be of BMW original equipment manufacturer but are free in terms of the number of gears and ratios, however gearboxes with a sequential shift type mechanism are not eligible within this class. Differentials are free.
- i) **Suspension:** As long as the original configuration is retained (eg McPherson strut, trailing arm) the suspension is free in terms of design and materials used.
- j) **Brakes:** There is no restriction on type and materials.
- k) **Wheels:** Rim widths can be no more than 10 inches, but there are no other restrictions in terms of wheel diameter, materials or construction type.
- l) **Tyres:** All cars must run on BMW Race Driver Series Committee approved DOT rated tyres. In addition to complying with a DOT standard, tyres must also have New Zealand warrantable tread patterns. Tyres are also required to have a measurable tread depth (excluding any tie bar or tread depth indicator strips) around the whole circumference of the tyre, and across at least 75% of the tyres tread width.
FOR CLARIFICATION: Tyres also marked "NOT FOR HIGHWAY USE" or "FOR RACING PURPOSES ONLY" are excluded from use. (If you are planning to run a new design / brand of tyre please e-mail the Race Series Committee at bmwraceseries@hotmail.com for confirmation of acceptance).

- m) **Weight:** Minimum post-race weight including driver for all competing vehicles is 1040kg. Drivers who do not present their cars for weigh-in after qualifying will receive a point penalty or be disqualified. All cars must be weighed after each race unless instructed otherwise by a BMW Race Driver Series Official.
- n) **Fuel:** There are no restrictions on the fuel used so long as the safety and technical requirements of MSNZ and the meeting organisers are met.

4. VEHICLE LIVERY – REFER TO APPENDIX ONE

4.1 Series Sponsor Decals: The following decals will be made available to registered entrants and must be fitted as supplied to all BMW Race Driver Series cars at all BMW Race Driver Series events. (See Appendix 1 for layout).

- a) **Sponsor Bonnet Decal** (580 x 135mm) – Reserved for organiser use. Centreline of bonnet, no more than 75 mm from BMW bonnet badge and oriented so that the writing is the correct way up, as viewed from in front of the car.

4.2 OTHER BMW RACE DRIVER SERIES SIGNAGE

- a) **BMW Race Driver Series Number Box:** to be applied on the front door on both sides 40mm of the front edge of the door and split above and below the body molding.
- b) **Windscreen Banner** – top of front windscreen, using a minimum 100mm of the supplied banner, including the BMW Race Driver Series logos, and up to the full height of the banner (approx 200mm).
- c) **BMW Race Driver Series decal** – both sides on the front fender.
- d) **Allocated Race Number:** Must be a solid black number and applied inside the number box with a minimum height of 280mm and minimum stroke of 50mm. The font must be Helvetica or similar. Must comply to MSNZ requirements (see Appendix Two, Schedule A, Part Two, Article 6.2).
- e) **Driver Name:** The driver surname at a minimum must be applied on both rear side windows, closer to the lower edge with a minimum height of 80mm with a minimum stroke of 10mm, in white or fluorescent green/yellow in a Helvetica font or similar.
- f) **Screen Numbers:** to be applied on both the front and rear screen in the passenger side upper corner, with a minimum height of 150mm and minimum stroke of 20mm in white, fluorescent yellow or green in a Helvetica font or similar. Must comply to MSNZ requirements (see Appendix Two, Schedule A, Part Two, Article 6.2).
- g) **Novice Markings:** The FIA mandated novice sticker must be run in a visible location on the rear of the car. These will be supplied. Regardless of previous experience in other classes, drivers who are new to the BMW Race Driver Series must display this sticker for the whole season.

Regardless of previous race experience in other classes, drivers who are new to the BMW Race Driver Series must display this Sticker for a whole season.

4.3 PERSONAL SIGNAGE

The following restrictions apply to any personal signage or sponsorship carried on cars competing in the BMW Race Driver Series:

- a) **Front Screen** – This is reserved exclusively for the BMW Race Driver Series sponsor and apart from race numbers, no other signage can be carried on the front screen.
- b) **Rear Screen** – Personal advertising may be fitted to the rear screen so long as it complies with MSNZ regulations.
- c) **Number Boxes** – No signage at all shall be fitted to the front doors in the area immediately above or below the official race number box, or within 50mm either side of the box. It is permissible however to carry personal signage anywhere on the sills provide it complies with all other regulations regarding signage.
- d) **Competitive Signage** – No signage for any brands that compete with any of the series sponsors can be carried on the front section of the car - defined as being all panels “forward of a line through the rear edge of the number boxes on each door”. The current BMW Race Driver Series sponsors include:
Dunlop, Racer Products, King Springs and Koni.
BMW Race Driver Series Committee decisions on any conflicting advertising are final, as are any decisions to introduce new and/or additional series sponsors.

APPENDIX ONE – SIGNAGE (REFER TO ARTICLE 12)

4.1 a) Bonnet decal



4.2 a) BMW Race Driver Series Race Number Box*



4.2 b) BMW Race Driver Series windscreen banner

4.2 f) Front screen number*



4.2 f) Rear screen number*

4.2 g) Novice Sticker



4.2 e) Driver Name*

