

BMW Club NSW Supersprint Regulations 2017

General Information

The Club Motorsport Committee has formulated the following classes and regulations for the BMW Driver's Club NSW 2017 Supersprint Championship. The general principle is that the classes are based on standard BMW models. Modifications to the car may be conducted to improve the performance and competitiveness of the car, however this may result in a change of class.

This will mean participants can choose how much development they do knowing what Class will result. We have instituted increased safety requirements for some high-speed classes to fall in line more with CAMS requirements.

Entry is open to all members of the BMW Driver's Club of NSW Inc and CAMS affiliated car club members. Only members of the BMW Driver's Club of NSW Inc are entitled to accrue points in the championship which may be contested over five rounds at a combination of Wakefield Park, Sydney Motorsport Park North, South and Grand prix circuits and Winton Raceway depending on track availability.

A CAMS Level 2S licence or above is required in order to compete at Sydney Motorsport Park and Winton Raceway. A CAMS licence or AASA licence is required at Wakefield Park. CAMS and AASA licences must be purchased online prior to the event and are valid for 12 months.

Definitions

- i. "Shall" is mandatory, "may not" is prohibitive, and "may" is permissive. If there is a conflict between the Rules and the CAMS NCR, the NCR supersedes the Rules.
- ii. "Original" and "stock" mean "as originally fitted for the chassis, model and year of the car."
- iii. "Substituted" means that original OEM equivalent items may be used.
- iv. "Replaced" means that the item may be replaced with items meeting or exceeding OEM specifications.
- v. "Modified" means that the item may be replaced, reworked or removed.

1.1 - Class Restructure

2017 introduces a class restructure, with the primary consideration of judging a vehicle by its potential via power to weight calculations, with some models adjusted to compensate for size, weight or technological advancement. For any given modification there is no consideration for incorrect setup or configuration that detracts from the vehicles performance.

1.2 - Engine Swap

Vehicles that have had engine swaps carried out, that were NOT available by the manufacturer in Australia, are calculated using the maximum weight of a given chassis and the factory published power output for a given engine to arrive at a baseline class allocation. All required modifications to the engine and chassis that were utilised to facilitate the engine swap (above factory fit) will be added to the modification points for the vehicle (for example, Aftermarket ECU)

2.0 - Class descriptions

- Class A - Modern Non-M models, generally late model forced induction vehicles
- Class B - Modern Non-M middle range models and older premium 'sports' models
- Class C - Older Non-M models
- Class D - Classic Non-M models
- Class MA - Modern M cars, generally late model forced induction vehicles
- Class MB - Classic M cars
- Class O - Non BMW vehicles
- Class R - Race Cars, see paragraph 6.8
- Prepared A - For Prepared Classes see paragraph 4.0
- Prepared B - For Prepared Classes see paragraph 4.0

NOTE - Refer to Annex A for individual model class listing (excluding O & R)

3.0 - Class weightings

Each class will initially be given a class baseline weighting, and additional weighting (points) will be allocated for a particular modification.

Class A	-	200 points
Class B	-	150 points
Class C	-	100 points
Class D	-	50 points
Class MA	-	250 points
Class MB	-	150 points

NOTE - Refer to Annex A for individual class listing and base points
- Refer to Annex B for modification weighted points

3.1 - EXAMPLES

3.1.1 - Example 1

E30 325iS	Group C	100 point baseline
Modifications*	Coilovers, 1way non remote	+10 points
	Final drive substitution	+10 points
	2x Race seats	+10 points
	Big brake kit	+20 points
		150 points total

CONCLUSION - Vehicle is moved to class B

3.1.2 - Example 2

E46 M3	Group MB	150 point baseline
Modifications	Half Cage	+10 points
	Coilovers, 2way non remote	+10 points
	Big Brake Kit	+20 points
		190 points total

CONCLUSION - Vehicle is moved to Prepared B

3.1.3 - Example 3

E36 M3	Group MB	150 point baseline
	Coilovers 2way non remote	+10 points
	Final drive substitution	+10 points
	Big brake kit	+20 points
	Forced Induction	+40 points
	ECU substitution	+10 points
	Wheel/Guard Flares	+10 points
		250 points total

CONCLUSION - Vehicle is moved to Class MA

4.0 - Prepared Classes

4.1 – Implementation

4.1.1 - The Prepared Classes have been implemented to provide a means for more modified cars to participate in a more level field than previously. The Prepared Class makes no distinction between BMW 'M' and 'non-M' vehicles, and are judged solely on the base class weighting for that model with the addition of modification weighting points.

4.1.2 - All cars utilising the minimum use of a 'half' rollcage, utilise Semi/R-comp tyres and are not deemed a 'racecar' (at committee discretion) will be allocated to the applicable Prepared Class, with the assumption a rollcaged car (excluding soft top vehicles) is significantly modified beyond what was available when new. Not all modifications are easily visible or detectable hence the omission of some modifications such as OE ECU tuning, turbo high-flowing, dump pipes, capacity increase, cylinder head porting and other such work.

4.1.3 - Competitor's vehicles who are not fitted with a rollcage may opt to compete in the applicable Prepared Class if one is planned to be fitted to the car in the future upon committee discretion. This voluntary option must be requested prior to the second round of a season, and prior points may be calculated and transferred to the requested Prepared Class.

4.1.4 - Any engine swaps must be reported to the Motorsport committee to allocate base scores on power to weight ratio (ie S62 in E36, S54 in E30 etc)

4.2 - Prepared A

Class A	+50	modification points
Class B	+140	modification points
Class MA	+20	modification points
Class MB	+120	modification points

4.3 - Prepared B

Class A	+20	modification points
Class B	+80	modification points
Class MA		N/A
Class MB	+60	modification points

5.0 - Point Scoring for Class Winners

5.1 - The point score system described here will determine class winners for the award of trophies to be presented at the Annual Presentation Dinner in February of the next year.

5.2 - The best six of seven rounds count towards trophies.

5.3 - Point Allocation

Points awarded in each class for each place up to 8th place:

1st = 10, 2nd = 8, 3rd = 6, 4th = 5, 5th = 4, 6th = 3, 7th = 2, 8th = 1 point.

5.4 - All competitors shall assist with/or arrange assistance from a third party, to assist with the conduct of at least one event, to be eligible for the club championship.

5.5 - To facilitate official duties, a championship participant may elect to officiate a round and subsequently be awarded part-points in recognition of their service, with the following caveats;

- i. Nominee is to apply by email or by telephone for officiating duties a minimum of two weeks prior to the round and be provided confirmation by the Motorsport Committee regarding their application.
- ii. Nominee is either a CAMS recognized official, or has carried out the prerequisite CAMS online training module(s) to be considered a trainee official.
- iii. Nominee must present themselves to the clerk of the course at the start of the day for the officials sign-on and briefing to be eligible.
- iv. Points awarded are as follows; 5 points awarded for first round officiated, 3 points awarded for the second round officiated, and 1 point awarded for any round officiated thereafter.
- v. Any points awarded are non-transferable between individuals, and is only valid for your previously nominated class and vehicle.

5.6 - A driver in each class achieving the fastest lap time at an event will be the winner for that class on that day.

5.7 - The competition year will be based on the calendar year.

5.8 - The driver with the most accumulated points (from their best six events) during the competition year from Motorsport days will be the winner of that class for the year.

5.9 - In the event of a tie for a place, a count back of the highest points awarded for all events (until a winner is determined) will be used as a tie-breaker at the end of the season.

5.10 - Competitors must complete a minimum of 1 event to be eligible for the Club Championship.

5.11 - Points are only allocated to financial members of the BMW Drivers Club NSW.

5.12 - A driver is permitted to compete in more than one class at any event if they enter and pay for more than one car.

5.13 - A driver may change cars during an event at the discretion of the Clerk of Course.

5.14 - Any driver wishing to change classes from event to event can gain points toward their total championship in the class that they compete in only. Points will not be transferred between classes.

5.15 - Swapping vehicles during or between rounds will only accrue to that competitor for each vehicle they are driving. For example if a competitor runs an E36 M3 for the first two rounds and an E46 M3 for the remainder, points will accrue to the competitor per car and not amalgamated.

6.0 – Miscellaneous

6.1 - The Motorsport Committee may, at their discretion, reclassify any car to another class where it is determined to be in the spirit of that Class.

6.2 - All cars will be fitted with a functioning fire extinguisher as described in the 2017 CAMS Manual of Motorsport (Schedule H)

6.3 - Drivers' conduct is answerable to the Clerk of Course at the track and adverse conduct shall be reported to the Motorsport Committee.

6.4 - If a competitor is moved from any class and he/she believes that he/she belongs in that class then he/she must make himself/herself available to the Motorsport Committee to adjudicate the matter. If a competitor knowingly competes in a class when in fact his/her car does not conform to the requirements of that class then all points accrued to date for that year will be forfeited.

6.5 - Competitors will be notified by the Motorsport Committee in writing of any class changes affecting that competitor, no later than 10 working days after the completion of the event.

6.6 - Championship points will not be carried over to a new class when a competitors' class is changed.

6.7 - The Motorsport Committee shall have final ruling on all disputes and matters.

6.8 – R “Race Class” Class

6.8.1 - BMW vehicles that are developed primarily for competition and not suitable for road use

6.8.2 - All cars in this class shall comply with a CAMS identified category and must be log booked by CAMS.

6.8.3 - All cars will have a CAMS approved Safety Cage fitted. The Safety Cage and installation must comply with CAMS Regulations (CAMS 2016 Manual of Motorsport, Schedule J).

6.8.4 - The car logbook shall be produced at all events. If the logbook is not produced at an event, entry to that event may be cancelled.

6.8.5 - All drivers shall wear apparel that complies with the 2016 CAMS Manual of Motorsport.

6.9 – Any vehicle fitted with slick tyres **MUST** be fitted with a fully approved rollcage as per CAMS Schedule J, and will **NOT** be permitted to participate at an event until the issue is rectified and forfeiting the events entry fee.

Annex A

A.1 - Class A

F22	M235i		
E82	135i	2008	2008
E90/92	335i	2007	2008
E87	130i		
E85	Z4 3.0si	2007	2008
E86	Z4 Coupe	2006	2008
E30	E30 w/M54 3.0		
E36/7	Z3 3.0i	2001	2002
R53	Mini Cooper S JCW	2005	2006
R56	MINI Cooper S JCW	2007	2010

A.2 - Class B

E31	850CSi	1994	1994
E39	540i Sport/6	2003	2003
E36/8	Z3 Cpe 3.0i	2001	2002
E34	540i	1995	1995
E39	540i	1997	1998
E39	540i Sport/6	1999	2002
E85	Z4 3.0i	2003	2003
E90/92	330i	2006	2006
E90/92	330i Sport	2006	2006
E36	E36 w/M54 3.0		
E85	Z4 3.0	2007	2008
E82	128i	2008	2008
F22	125i	2016	
E24	635CSi Euro	1978	1984
E90/92	328i	2007	2008
E90/92	328i	2010	2010
E30	E30 w/M52 2.8		
E46	330i	2001	2001
E46	330i	2002	2003
E46	330Ci	2001	2001
E46	330Ci	2002	2003
E82	125i	2013	2015

Annex A (cont'd)

A.3 - Class C

E36/7	Z3 2.8	1999	2000
E36/7	Z3 2.8	1997	1998
E36/8	Z3 Cpe 2.8	1999	2000
E90/92	325i	2006	2006
E90/92	325i Sport	2006	2006
R56	MINI Cooper S	2006	2008
E39	530i	2001	2003
R56	MINI Cooper S	2010	2010
E36/7	Z3 2.5i	2001	2002
E85	Z4 2.5i	2003	2003
R53	Mini Cooper S	2005	2006
E36	325i 4-dr	1992	1992
E36	325i 4-dr	1993	1995
E36	325is	1992	1992
E36	325is	1993	1995
E30	E30 w/3.8V6		
E36	328i 4-dr	1996	1998
E36	328is	1996	1998
R53	Mini Cooper S	2002	2004
E46	328i	1999	2000
F20	120i		
E30	325i	1987	1988
E30	325i	1989	1989
E30	325i	1990	1991
E30	325is	1987	1988
E30	325is	1989	1991
E36/7	Z3 2.3	1999	2000
E24	635CSi	1988	1989
E46	325i	2001	2001
E46	325i	2002	2003
E46	325Ci	2001	2001
E46	325Ci	2002	2003
E9	3.0CSi	1971	1975
E28	535is	1987	1988
E36	323is	1998	1998
E30	318is	1990	1991

Annex A (cont'd)

A.4 - Class D

E34	530i	1993	1995
E34	535i	1989	1993
E28	533i	1982	1984
E3	Bavaria	1971	1972
E3	2800	1968	1971
E9	3.0cs	1971	1975
E3	2500	1968	1976
E6	2002tii	1971	1973
E9	2800cs	1968	1971
E28	535i	1985	1988
E3	Bavaria	1973	1974
E39	528i	1999	2000
E24	633CSi	1983	1984
E39	528i	1997	1998
E34	525i	1991	1992
E34	525i	1993	1995
E6	2002tii	1974	1974
E82/8	120i		
E24	633CSi	1978	1986
E46	323i	1999	2000
E39	525i	2001	2003
E30	318i 4-dr	1990	1991
E3	3.0si	1975	1976
E3	3.0s	1973	1976
E36/7	Z3 1.9	1997	1998
E36/5	318ti	1995	1999
E3	Bav.Euro 2.8	1976	1976
E34	525i	1989	1990
E36	318i 4-dr	1992	1997
E36	318is	1992	1999
E6	2002	1974	1976
R56	MINI Cooper	2006	2010
R50	Mini Cooper	2002	2006
E30	325	1987	1988
E30	325/325e	1984	1987
E30	318i	1984	1985
E21	320i	1977	1983
E30	316 Euro	1984	1990
E28	528e	1982	1988

Annex A (cont'd)

A.5 - Class MA

F83	M4		
F80	M3		
E52	Z8	2001	2003
E90/92	M3	2008	2008
F87	M2		
E85	Z4 M Roadster	2006	2008
E86	Z4 M Coupe	2006	2008
E36/7S	M Roadster S54	2002	2002
E82	1M		
E36/8S	M Coupe S54	2001	2002

A.6 - Class MB

F10	M5		
E60	M5	2009	
E36/7S	M Roadster S50	2001	2001
E36	M3 w/ Euro S50B32	1995	1999
E39	M5	2000	2003
E46	M3	2001	2003
E28	M5 Euro	1987	1988
E36	M3 w/ Euro S50B30	1995	1999
E24	M6 Euro	1983	1989
E34	M5	1991	1993
E9	3.0CSL	1973	1975
E28	M535i Euro	1986	1986
E30	M3	1988	1991

Annex B

Function	Group	Mod Weight	Notes
Suspension	Coilover adj type, 1&2WNR	10	Includes GrpN style adj w/custom rate springs or equiv.
	Coilover adj type 2&3WR	15	
	Swaybars	FREE	Includes GrpN style adj w/custom rate springs or equiv.
	Alignment	FREE	
	Adj Camber/Caster kits	FREE	
Driveline	LTW Flywheel	5	Gear ratio substitute LSD unit and/or LSD not offered in AU
	Final drive substitution	10	
	LSD substitution	10	
	Sequential Gearbox	30	
	Clutch linings	FREE	
Aerodynamics	Wing	5	factory optional aero option ie GTS/GT/GTII/CSL exempt factory optional aero option ie GTS/GT/GTII/CSL exempt factory optional aero option ie GTS/GT/GTII/CSL exempt Incl equiv. ie guard replacement etc
	Splitter	5	
	Diffuser	5	
	Wheel/guard flares	10	
Braking	Adj bias	5	OE optional BMW Performance (brembo) kit are exempt OE substitute OE substitute
	Big Brake kit	20	
	Brake Linings	FREE	
	Brake rotors	FREE	

Annex B (cont'd)

Function	Group	Mod Weight	Notes
Chassis	Half cage	10	Conform to Schedule J
Lightening	Race seats	5-10	5 per seat, 5 per missing seat
	Lexan/composite windows	15	front windscreen must be ADR approved laminated glass
	Interior trim removal	5-20	5 carpet, 5 rear seats, 5 door trim, 5 HVAC system
	Carbon/LTW panels	5-20	5 per replacement metal panel - OE LTW panels exempt
Powerplant	Intercooler	5	OE substitution (typically larger/more efficient)
	E85	10	
	Camshaft	10	evidence by camshaft idle lope (ie 285+)
	ECU substitution/flash	15	OE modified or substituted MOTEC/Adaptronic etc
	Forced Induction	40	above factory fit
Misc	Oil/PS/trans/diff cooling	FREE	
	Tyres	FREE	conform to Schedule E or equivalent
	Wheels	FREE	no fouling or extending past guard line

Annex C - Vehicle Data and Modification Sheet

Competitor Name _____

Vehicle Make _____ Vehicle Model _____

Vehicle Year _____	Base Class (circle) Class Points	A 250	B 150	C 100	D 50	MA 250	MB 150
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Modifications (please tick and add notes such as QTY as necessary)

Coilover adj type, 1&2WNR	10	[]	_____
Coilover adj type 2&3WR	15	[]	_____
LTW Flywheel	5	[]	_____
Final drive substitution	10	[]	_____
LSD substitution	10	[]	_____
Sequential Gearbox	30	[]	_____
Wing	5	[]	_____
Splitter	5	[]	_____
Diffuser	5	[]	_____
Wheel/guard flares	10	[]	_____
Adj bias	5	[]	_____
Big Brake kit	20	[]	_____
Half cage	10	[]	_____
Race seats	5-10	[]	_____
Lexan/composite windows	15	[]	_____
Interior trim removal	5-20	[]	_____
Carbon/LTW panels	5-20	[]	_____
Intercooler	5	[]	_____
E85	10	[]	_____
Camshaft	10	[]	_____
ECU substitution	15	[]	_____
Forced Induction	40	[]	_____

Total Points _____

NOTES