



MOTOR SPORT CHAMPIONSHIP

RULES for 2009-2010

1 GENERAL

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

Some modifications are difficult to scrutineer on the day (eg, ECUs) and the Club relies on the entrant to be forthright and honest about modifications to their vehicle. Similarly the rules are not definitive. Many modifications will fall outside those mentioned here *and it becomes the onus of the entrant to inform the Club Captain of these for correct classification.*

1.1 Championship Format

The Championship season runs from 1 July to 30 June each year. The Championship consists of approximately 8-10 tarmac events, ideally with a mixture of track sprints and hillclimb events, to test a variety of driving skills.

Points shall be awarded based on the participation in (and results of) these rounds and the Championship results will be based upon these points.

The Club Captain is responsible for the selection of events, which should be chosen so as to give reasonable preparation time for all entrants.

1.2 Eligibility

Only full financial members of the Mazda MX-5 Club of Victoria are eligible to win the Class Championships or become Club Motor Sport Champion.

1.3 Behaviour

Any driver who is penalised for dangerous or irresponsible behavior at an event may (at the discretion of the Club Captain and/or the Club Committee) have their points for that event excluded from the Championship.

1.4 Disputes & Appeals

Any disputes arising over results, classing, etc must be submitted in writing to the Club Captain within 24 hours of the incident occurring. Resolutions will be decided by the Club Captain. An appeal to the resolution may be taken to the Club Committee at the next committee meeting.

2 CLASSING

2.1 General

Entrants shall compete in classes based on their car's specifications and modifications.

An entrant is eligible to win the Championship in one class only per season.

2.2 Classes

There are seven classes available to compete in:

- Standard NA
- Standard NB
- Standard NC
- Clubman
- Modified
- Restricted Open
- Open

Class eligibility is detailed in Section 3.3.

2.3 Class Selection

Each entrant is required to complete a classification form prior to competing in each season. They must also complete one if they make changes to the vehicle that may affect their class. Each entrant is responsible for ensuring they are entered into the correct class. Each vehicle may be carefully scrutineered at each round to ensure it qualifies for the class specified by the entrant. Each car must meet the eligibility of the class it competes in. For example, a standard car cannot compete in Open Class, regardless of the fact that the driver may normally compete in this class in another car.

Competitors found to be in blatant contravention of the class rules at an event will be automatically disqualified from the event, and may be disqualified from the championship. The Club Captain will redress or disqualify at their discretion. Appeals may be lodged in accordance with Section 1.4.

2.4 Multiple Entries

Entrants may only compete in one class per round. He/she may enter as designated driver for more than one car, providing multiple driver entry fees are paid. Times for a driver not in his/her designated car (to be nominated prior to the event starting) will not be counted to the championship results.

2.5 Changing Class

An entrant may change class at any stage during the Championship. The Club Captain or his delegate must be notified two weeks prior to competing in a different class. Failure to comply will result in a warning and may result in a deduction of championship points, which will be decided by the committee. Class points earned will not carry across classes.

2.6 Exceptions

An entrant may apply for an exception to the rules at any time. This must be submitted to the Club Captain in writing at least 14 days prior to an event, and include all relevant details including: vehicle model; modifications; driver history; and reasons for wanting to compete in another class.

The Club Captain shall attempt to respond within a week of the request being received.

3 TECHNICAL REGULATIONS

3.1 General

- All vehicles must be based on the Mazda MX-5 chassis (all series).
 - Members are welcome to participate in motor sport events in cars other than MX-5s, but their results will not count toward the Club Championship.
- All vehicles must comply with CAMS Schedules A and B.
- All tyres used must remain legal for the whole of the event, i.e. wear indicators have not been in contact with the road surface.
- Modifications not listed in the allowances below should be assumed to be banned.
- Note that host clubs may have particular rules to comply with. Please read the event sup-regs carefully to be aware of these.

3.2 Free modifications allowed for all classes

Definition: ‘Free’ means the part may be replaced, interchanged, or adjusted within the limitations described, or otherwise without limitation. It DOES NOT mean that these parts can be removed or disabled, unless the car was available from the factory without those parts.

- Roll cage (must meet CAMS specifications – eg, a diagonally-braced main hoop with fore/aft bracing). Removal of minimal trim to allow the installation of rollover protection is permissible (eg, NB wind blockers). Cages are strongly encouraged for regular competitors.
- Seat harness (must meet CAMS specification, including mounting points and angles).
- Driver and passenger seats (seat and mounting must meet CAMS specification).
- Wheels (must meet roadworthy specifications for vehicle).
- Brake pad compound.
- Brake fluid, oils and lubricants.
- Brake rotors may be slotted and/or cross-drilled, but must (where applicable) be the same size as OEM for that model.
- Chassis braces for earlier model cars, similar to those present on later

models.

- Air filter element.
- Wheel alignment, within the limits of the OEM adjusters.
- Ignition timing, within the limits of the OEM adjustment (NA models only).
- Non-genuine replacement parts which are functionally identical to OEM.
- OEM options which were available for that model only.

3.3 Eligibility for Classes

The three “Standard” classes are for essentially unmodified NA/NBs, and lightly modified NC, road registered MX-5s.

- Road tyres only (per Section 3.5).
- Naturally-aspirated.

3.3.1 Standard NA

MX-5s from the NA series (1989-1997, NA6A and NA8A models, excluding Clubman).

- Maximum 195 width tyres.

3.3.1.1 Standard Class NA6 Allowed Modifications

Exhaust (cat-back).

3.3.2 Standard NB

MX-5s from the NB series (1998-2005, NB8A and NB8B models, excluding 10th Anniversary Limited Edition [“10AE”]).

- Maximum 205 width tyres.

3.3.3 Standard NC

MX-5s from the NC series (2005-on).

Standard NC cars, with the exception of the Limited edition which has factory performance enhancements, are allowed no more than two (2) items from the list below:

- intake (prior to throttle body)
- cat-back exhaust
- extractors & cat-converter
(Note: a full exhaust system counts as two modifications)
- springs
- shock absorbers
- anti-sway bars
- aerodynamics/bodywork
- engine management system

NCs that exceed two (2) modifications will move directly into Restricted Open.

3.3.4 Clubman

The Clubman Class is for road registered NA and NB series MX-5s with limited modifications. This includes the “Clubman” and “10AE” editions.

- naturally-aspirated
- road tyres only (per Section 3.5)
- maximum 205 tyre width
- brakes may be interchanged between any NA or NB OEM spec.

3.3.4.1 Clubman Class Allowed Modifications

NA6 cars are allowed no more than four (4) items from the list below.

NA8 cars are allowed no more than three (3) items from the list below.

NB cars are allowed no more than two (2) items from the list below:

- intake (prior to throttle body)
- cat-back exhaust
- extractors & cat-converter
(Note: a full exhaust system counts as two modifications)
- springs
- shock absorbers (including Clubman and 10AE)
(Note: coilovers with matching springs count as two modifications)
- anti-sway bars
- limited slip differential (including Clubman and 10AE)
- aerodynamics/bodywork
- engine management system (NA models only)

(**Note:** An NA8 “Clubman” model may have one modification in addition to the OEM Bilstein shocks and LSD. An unmodified “10th Anniversary LE” is allowed no further changes.)

3.3.5 Modified

The Modified Class is for road-registered, naturally-aspirated MX-5s (NA and NB series only) with more extensive performance-oriented modifications.

- **Maximum rear wheel power rating of 90 kW.**
Where there is doubt on the power rating of a vehicle, a dyno reading will be requested at a venue nominated by the Club Captain to ensure parity in results. A driver can choose not to obtain a dyno reading but will automatically be allocated to Restricted Open class.

Allowed areas of modification include:

- intake system
- exhaust system
- engine internals
- engine management system (ECU and all associated sensors)
- suspension
- brakes
- drive train (gearbox, differential, flywheel)
- wheel & tyre size
- “R” compound tyres
- body & aerodynamics
- other modifications as deemed acceptable by the Club Captain.

3.3.6 Restricted Open

This class is for cars which otherwise meet the rules for Open Class (below), but with the following limitations:

- **A power output of no more than 120 rkwW.**
 - Where there is doubt on the power rating of a vehicle, a dyno reading will be requested at a venue nominated by the Club Captain to ensure parity in results. A driver can choose not to obtain a dyno reading but will automatically be allocated to Open class.
- **No slicks or tyres marked for ‘competition use only’.**
 - (ie: Road or “R” compound tyres only)

Examples of this are SE models, and highly modified normally aspirated vehicles.

3.3.7 Open

The Open Class is for:

- cars with greater than 120 rkwW
- any forced-induction (turbo/supercharged) MX-5.
- any unregistered, non-road-legal, or race-prepared MX-5.
- any MX-5 with “competition only” tyres (eg, slicks or racing wets).
- MX-5s with engine transplants from other makes or models (eg, rotary, V8).
- very highly-modified naturally-aspirated MX-5s (at the Club Captain’s discretion).

Other modifications as per Modified Class are allowed.

3.4 Engine Capacity

For Standard and Clubman Classes, engine size must be kept within OEM spec. Variation up to 0.040” oversize is permissible to allow for engine rebuilds.

3.5 Tyre Definitions

Please read the clarification of tyres below. If you are still unsure, contact the Club Captain or class clarification delegate for a ruling on which category a tyre may fall into.

3.5.1 Road Tyres

These are tyres marketed for use on public highways in the normal course of motoring. This excludes tyres that are primarily marketed as partially or wholly suitable for motor sport use.

3.5.2 “R” Compound Tyres

These tyres are marketed specifically for motor sport use, but are road legal due to the presence of tread-wear indicator bars (or dimples).

The list below is not definitive; please contact the Club Captain for a ruling on any tyre that may fall into this category.

Dunlop:	D01J, D93J, D98J, RSV W-10, RSV 98, DZ02G, SP Super Sport Race
Bridgestone:	RE540, RE520, RE510, RE55S
Falken:	RX04, RX05V3
Yokohama:	A008RS, A032R, A048
Michelin:	Pilot Sport Cup
Toyo	Proxes R888, Proxes RA1, Trampio R1R

3.5.3 Slick Tyres

These tyres have no visible tread and the wear indicators consist of slots or dimples in the rubber surface. These tyres are marked "Not for Highway Use / For Racing Use Only".

4 POINTS SYSTEM

Placings at each event are based on the lap/course time, with the lowest elapsed time obviously being the best result. The results are based on the fastest single lap.

Points for each class at an event will be allocated as follows:

<u>Place</u>	<u>Points</u>	<u>Place</u>	<u>Points</u>
1	10	5	4
2	7	6	3
3	6	7	2
4	5	8+	1

In the event of a tie for a place, entrants will received the same points for the given place, with next placed entrant receiving points further down the table.

4.1 Championship Points

The Championship Points score for an entrant is the sum of the points score from each round, minus the entrant's two worst results. For example, if there are 10 rounds in the season, an entrant's best eight results will count.

4.2 Overall Points

Overall points are based on the Championship points within a class. In most cases they are the same, however, competitors in faster classes will receive fewer Overall points than any faster driver in a slower class. The scale from slower classes up is:

- Standard NA and Standard NB
- Clubman

- Standard NC and Modified
- Restricted Open
- Open

4.3 Class Champion

The Class Champion is the entrant who accrues the most Championship Points in their Class for the season.

If an entrant scores maximum points in more than one class, they shall only be eligible to win the class in which they last competed.

4.4 Club Motor Sport Champion

The Club Motor Sport Champion is the entrant who accrues the most Overall Points for the season.

- Points from the worst two rounds will be dropped from the total score.
- In the event of a tied result, a count-back of the number of first place finishes shall decide a winner. If the number of first places is equal, then the number of second places shall be used, and so on.
- If the above method does not separate the entrants, joint winners shall be declared.

5 TROPHIES

The **Mazda MX-5 Club of Victoria Motor Sport Champion award** is awarded to the Club Motor Sport Champion.

An award will be presented to the winner of each Championship Class:

- **Open Champion**
- **Restricted Open**
- **Modified Champion**
- **Clubman Champion**
- **Standard NC Champion**
- **Standard NB Champion**
- **Standard NA Champion**

Awards are also presented to:

- **Rookie of the Year**
- **Captains Award**

The “Rookie of the Year” award is presented to the driver with the highest points total in their first season of competition. All drivers eligible for this award are also eligible for Class and Club Championships.

The “Captain’s Award” is presented by the Club Captain – Motor Sport, at his/her sole discretion, to the motor sport participant who has made the most valuable contribution to the Club’s motor sport activities in the preceding year.