



## **MOTORSPORT CHAMPIONSHIP**

### **RULES for 2007-2008 SEASON**

## **1 GENERAL**

Motorsport 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 July 1 to June 30 each year. The Championship consists of approximately 8-10 tarmac events, ideally with a mixture of track sprints, motorkhana 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 Motorsport Champion.

Events are open to drivers holding a CAMS Level 2S (or higher) licence.

### ***1.3 Behaviour***

Any driver who is penalised for dangerous or irresponsible behaviour 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 six classes available to compete in: Standard NA, Standard NB, Standard NC, Clubman, Modified and Open.

Class eligibility is detailed in Section 3.3.

### **2.3 Class Selection**

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. 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, but 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 motorsport 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*

- 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's seat (seat and mounting must meet CAMS specification).
- 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, 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 15" diameter and 6" width wheels.
- 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 10<sup>th</sup> Anniversary Limited Edition).

- Maximum 16" diameter and 7" width wheels.
- Maximum 205 width tyres.

### **3.3.3 Standard NC**

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

- Maximum 17" diameter and 7.5" width wheels.
- Maximum 215 width tyres.

### **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 "10<sup>th</sup> Anniversary" editions.

- Naturally aspirated.
- Road tyres only (per Section 3.5).
- Maximum 7" rim width and 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 mods.)
- Springs.
- Shock absorbers (including Clubman and 10AE) (note: coilovers with matching springs count as two mods).
- 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 "10<sup>th</sup> Anniversary LE" is allowed no further changes.)

### **3.3.5 Modified**

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

Allowed areas of modification include:

- Intake system
- Exhaust system
- Engine internals
- Engine management system (ECU and all associated sensors)
- Suspension
- Brakes
- Drivetrain (gearbox, differential, flywheel)
- Wheel & Tyre size
- “R” compound tyres
- Body & Aerodynamics
- Other modifications as deemed acceptable by the Club Captain.

### **3.3.6 Open**

The Open Class is for:

- Any forced-induction (turbo/supercharged) MX-5, including SP and SE models.
- Any unregistered, non-road-legal, or race-prepared MX-5.
- Any MX-5 with “competition only” tyres (eg, slicks or racing wets).
  - Note: Such cars must comply with Group 2B or 2F of the CAMS Manual of Motor Sport, and have a roll cage and a valid log book.
- 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).

Modifications as per Modified Class are allowed.

## **3.4 Engine Capacity**

For all classes except Open Class, 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 contact the Club Captain 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 motorsport use.

### **3.5.2 “R” Compound Tyres**

These tyres are marketed specifically for motorsport 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.

<b>Dunlop:</b>	D01J, D93J, D98J, RSV W-10, RSV 98, DZ02G, SP Super Sport Race
<b>Bridgestone:</b>	RE540, RE520, RE510, RE55S
<b>Falken:</b>	RX04, RX05V3
<b>Yokohama:</b>	A008RS, A032R, A048
<b>Michelin:</b>	Pilot Sport Cup

### **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.

- For sprints and hillclimbs, the results are based on the fastest single lap.
- Motorkhana event results are based on the total accumulated time for each test (usually three or four tests).

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

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

### 4.3 Club Motorsport Champion

The Club Motorsport Champion is the entrant who accrues the most Championship Points for the season.

- 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.
- **Overall Points**  
Overall points are based on scored 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 lower class. The scale from slower classes up will be as follows:

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

The club motorsport champion will be the driver/drivers with the most overall points at the end of the season. Points from the worst two rounds will be dropped from the total score.

## 5 TROPHIES

The **Geoff Sammons Ringwood Mazda Perpetual Trophy** is awarded to the Club Motorsport Champion. As it is a perpetual award, the winner holds the trophy for one year before returning it to the Club so it can be awarded to the next year's winner. (A permanent award will be presented to the previous year's Motorsport Champion to replace the trophy.)

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

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

Awards are also presented to:

- **Rookie of the Year**
- **Ladies' Champion**

These awards are respectively for: the highest points total by drivers in their first season of competition; and the highest placed female. All drivers eligible for these awards are also eligible for Class and Club Championships.