

## **INTRODUCTION**

Only modifications specifically mentioned in these rules are allowed – **if it isn't mentioned, you can't do it!** In exceptional circumstances, an application for a one-off ruling on an additional modification may be made to [competition@mx5.com.au](mailto:competition@mx5.com.au), stating the justification for the exception. The committee reserves the right to verify vehicle weight and power output or to reclassify vehicles if anomalies are identified in competition results.

## **CATEGORIES**

All classes with the exception of Class 5 MX-5 Open consist of 10 categories to cover MX-5 models and editions. Those 10 categories are:

<b>Category</b>	A	B	C	D	E	F	G	H	J	K
<b>Models/ Editions</b>	NA6	NA8 & NB8A/B/C/D	ND 1.5A/B	NB SE	NC RC	NC & NDRFA	ND20A	NDRFB	NB SP	ND20B

## **MODIFICATIONS ALLOWED IN ALL CLASSES**

Roll-over protection (Motorsport Australia Schedule J). Any driver/passenger seat (Motorsport Australia Schedule C), race harness (Motorsport Australia Schedule I). **Standard, Clubman, Super Clubman and Modified Classes** - acceptable aerodynamic accessories are factory or equivalent boot spoilers, front lips, side/rear skirts only. Any brake pad material allowed. Slotted and cross-drilled rotors are allowed.

### **CLASS 1 MX-5 STANDARD (ANY STANDARD ROAD REGISTERED MX-5).**

The definition of a Standard car is as it would have left the factory i.e. no performance-enhancing modifications. Note that special editions such as NA8 Clubman, 10AE etc are eligible for Standard Class provided they are as delivered in the Australian market. Equivalent non-OEM parts (e.g. shock absorbers, sway bars, bushes, bump-stops) are acceptable if specified to be OEM equivalent. Wheel diameter and width must be as delivered in the Australian market, except that all NAs and NB8B/C/Ds are permitted 15" wheels with the original width. Tyre width must be within  $\pm 10$ mm of placard specification. UTQG tread wear rating is 200 or higher. Tyres must be commercially available in Australia. No engine modification beyond factory specification reconditioning.

### **CLASS 2 MX-5 CLUBMAN (ROAD REGISTERED MX-5)**

The Clubman class is for vehicles that are road registered with limited common modifications. No engine modification beyond factory specification reconditioning. Brake rules as for Standard Class. Wheel diameter may be  $\pm 1$ ". Wheel and tyre width may be  $+1$ ". Tyre UTQG tread wear rating is 200 or higher. Tyres must be commercially available in Australia. Any standard engine swap from another variant within the vehicle model (ie NA, NB, NC, ND) must be declared for class review. Vehicle weight reduction not permitted below standard equipment level. Factory LSD or Bilstein shocks count as mods. A maximum of 5 points from the Clubman performance mods listed below are permitted.

#### ***2-points - Coilovers***

**1-point** - *Non-standard shock absorber (Bilstein B8, Koni Sport, KYB AGX etc)*

**1-point** - *Non-standard suspension spring*

**1-point** - *Any non-standard sway bars*

**1-point** - *Any factory or non-standard LSD - (diff ratio change is permitted with this mod)*

**1-point** - *Non-Standard Exhaust Header/Downpipe*

**1-point** - *Non-standard exhaust mid-pipe and/or muffler*

**1-point** - *Cold Air Intake - Any modification prior to the throttle body*

**1-point** - *Camber adjusters and bushings - Extended lower ball joints, eccentric bushes and bushes of alternate material to standard are permitted, no adjustable control arms.*

**1-point** - *Additional non-model specific Chassis Bracing (eg Strut bar, chassis rails, etc)*

**1-point** - *Standard gearbox from another variant within the vehicle model (ie NA, NB, NC, ND)*

**1-point** - *Standard brakes from another variant within the vehicle model (ie NA, NB, NC, ND)*

**1-point** - *Non-standard bodywork - Limited to larger front spoiler, larger rear spoiler (no front splitter or rear wing)*

**1-point** - *Any ECU/ECU software upgrade - naturally aspirated cars only*

**1-point** - *Non-standard Intercooler and piping (turbo cars - other induction modifications are not permitted)*

**1-point** - *Modified flywheel, eg lightened*

### **CLASS 3 MX-5 SUPER CLUBMAN (ROAD REGISTERED MX-5)**

The Super Clubman class is an extension of the Clubman Class. A maximum of 10 points from the Clubman list of performance mods are permitted.

### **CLASS 4 MX-5 MODIFIED (ROAD REGISTERED AND UNREGISTERED MX-5)**

The Modified class is for vehicles that can be road registered, with limited engine performance modifications. Permitted modifications are all those allowed for Clubman, Super Clubman, Motorsport Australia NSW Supersprint Championship Type RM rules plus the additional Modified list of exceptions below. Roll-over protection is encouraged in all cars. R-Spec tyres are permitted.

- Road registration not required
- Wheel/tyre width  $+2$ "

- Individual Throttle Body (ITB) intakes
- Non-standard bodywork - Rear bumper cut-out allowed
- Non-standard ECU and software - naturally aspirated and turbo cars
- Conrods may be replaced with aftermarket items
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Note : turbo vehicles are limited to factory OEM turbo models. Power output is limited to 155rwkw for NB SE and 180rwkw for NB SP. Turbos and Turbo manifolds may not be replaced.

### **CLASS 5 MX-5 OPEN (ROAD REGISTERED AND UNREGISTERED MX-5)**

Roll-over protection is required. Any wheel/tyre, including slicks. Any 4-cylinder Mazda inline engine. Any aerodynamics, induction, exhaust, drivetrain, suspension, lightening, bracing, brake mods.

***CLASS 5 - OPEN. 2 Categories - Naturally aspirated, Forced induction***

### **2024 Technical Rules Document Changes from 2023**

General

- A “Modified Flywheel” performance modification is added to the Clubman performance mods list.