

2021 MX5 Challenge



Introduction

The MX5 Hillclimb Challenge will run within the ANICC Speed Championships as a separate class and points will be awarded as per ANICC championship scoring.

A maximum of 10 entries will be permitted in the MX5 class at any event unless the organising club permits further entries.

Eligible MX5s

Any MK1, MK2 or MK2.5 MX5 (1989 – 2005).

Safety

Cars must comply with J and Section (S) of the 2021 Motorsport UK Yearbook.

A quality roll hoop must be fitted with diagonal supports to the rear bulkhead. A full roll cage may be fitted and is recommended. A fire extinguisher is also recommended.

Standard seats and seatbelts may be retained however it is recommended that the drivers' seat is replaced with a Motorsport UK approved race/bucket type seat and that a Motorsport UK approved suitable race harness also be fitted. If the car is not fitted with a Motorsport UK approved race harness, then either a hardtop must be fitted, or the soft top must be erected during the practice and timed runs.

Technical

The aim of these regulations is that cars should be as standard as possible to retain a level playing field and to control costs. It is also aimed at keeping specifications aligned with Targa regulations to allow competitors to use their car for both types of events.

- Car must be MOTd and capable of being driven to the event.
- Both seats, doorcards and the dashboard must be retained. As noted above, seats may be replaced with Motorsport UK approved race/bucket seats.
- The engine can be any original 1.6 or 1.8 MX5 unit, must remain naturally aspirated, and must have standard Mazda parts including, but not limited to, the ECU, single throttle body, inlet manifold, exhaust manifold, valves, camshafts and pistons. The alternator must also be retained.
- Exhaust system from manifold back is free but must meet Motorsport UK sound regulations.
- The gearbox, propshaft and differential must all remain standard Mazda unmodified units from the Mazda MX-5 range over 1989-2005 . Either the 5spd or 6spd gearboxes are permitted.
- Brakes must be standard unmodified calipers. Hydraulic handbrakes with or without secondary calipers are allowed.
- Suspension must be Mazda OEM dampers and springs. No aftermarket coil overs or other suspension types are allowed.

- All subframes and suspension mounting points must be unmodified, rose joints are not permitted.
- Full bodywork and lights must be retained, and all panels must be standard Mazda items panels. Spoilers should only be of a type available as original equipment from Mazda.
- Glass in the doors and windscreen must be retained and window winder mechanisms must be retained.
- Fitting of a hardtop is recommended.
- Any other proposed weight reduction of the car should be discussed and agreed in advance with the MX5 challenge committee and must be capable of passing both MOT and MOTORSPORT UK scrutiny.

Wheels and Tyres

Any type and size of wheels may be used.

Tyres must be road legal and may be any of those listed in Motorsport UK Part L Common Regulations for Permitted Tyres lists 1A. For clarity, any tyres in List 1B or 1C are not permitted.

<https://www.motorsportuk.org/assets/196-206permittedtyresl-1.pdf>