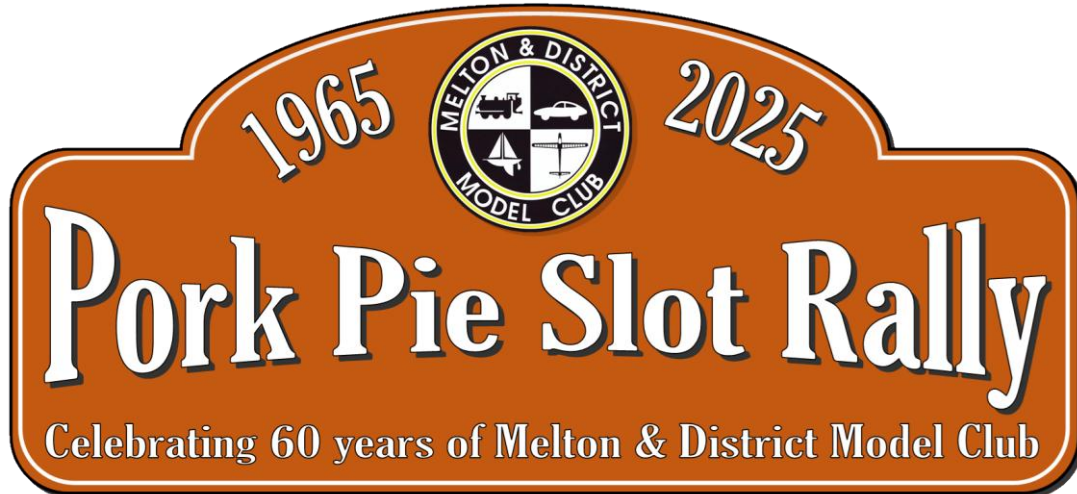


Melton & District Model Club

presents



Melton & District Model Club 60th Anniversary Show

2nd & 3rd of August 2025

Long Field Academy, Ambleside Way, Melton Mowbray LE13 0BN

Technical Regulations

v2

Pre Amble

Our aim is to keep the racing close and competitive with the widest selection of available cars from differing manufacturers as possible.

For this event we have designed the rules be easily accessible for the beginner while still offering a challenge to the most experienced racers.

As such we have come up with three classes that shows the full range of performance and tuning that is available in the Slot Rally world;

- **“Production” Class**
For near “Box Standard” cars with only basic race preparation and tuning allowed.
- **“Slot Rally GB” Class**
For modified cars that has a stricter set of replacement parts, and to be in line with the current “Slot Rally GB” events.
- **“Open” Class**
Free choice of car and components to allow for unlimited options for tuning and setup.

Every car must meet the “General” regulations and then the specific regulations for the Class it is being entered.

1. General

- 1.1.1. For 1/32 Slot Cars which have been raced in the WRC or other similar major events.
- 1.1.2. All cars must be fitted with Driver and Co-driver, unless with a valid exemption.
- 1.1.3. Cars with modifications, changes or parts not explicitly permitted under any of the regulations will be deemed illegal.
- 1.1.4. All parts must be, or have been previously, commercially available.
- 1.1.5. Car ‘Manufacturer’ is defined as the Body, Chassis and Running Gear.
- 1.1.6. Braids, Wires, Eyelets, Screws, Grubs, Weight and Bands/Pulleys are all free choice.
- 1.1.7. Where any disagreement on technical regulations occurs on an entry, a scrutineer will always seek a second opinion. A consensus will be made and all decisions will be final. Proof of eligibility resides on the driver, but scrutineers reserve the right to refer to third party resources such as manufacturer images, catalogues or websites.

1.2. Guides

- 1.2.1. The use of any replacement Guide is permitted, only if this is achieved using proprietary adaptors or bushings and providing this does not require excessive cutting or modification of the chassis
- 1.2.2. Hard wiring of any Scalextric or SCX quick fit guides is permitted.
- 1.2.3. It is recommended that any coloured Guides be swapped to a black equivalent to avoid miscounted timings. If a black equivalent cannot be found due to fitment, guide blades MUST be painted or taped.
- 1.2.4. The use of Deep or Wood Guides is not permitted due to slot depth.

1.3. Tyres

- 1.3.1. Tyres must be made of black rubber.
- 1.3.2. All Tyres must be touch dry when placed on track and not leave a residue.

1.4. Wheels and Hubs

- 1.4.1. The requirement for all Wheel Hubs and Inserts on the car to be an exact match is not required, though replacements must be of an appropriate style for type and era of the car.
- 1.4.2. All Wheel Inserts must be fully installed at the start of each Stage.

1.5. Chassis and Bodies

- 1.5.1. All Cars must run with matching (including replacement) full Body and Chassis.
- 1.5.2. All Chassis parts, including Motor Mounts, must be plastic.
- 1.5.3. Minor part omissions, resulting from crash damage will be tolerated. i.e. Mirrors, Light Lenses, etc. However, Rear Spoilers must be firmly attached at the start of each stage.
- 1.5.4. All Bodies must be complete with painted Interior, Driver and Navigator.
- 1.5.5. The use of 'Vac Form' Bodies is not permitted.
- 1.5.6. Modifications to the Chassis are strictly prohibited, including the cutting or filing to accommodate Motor Adaptors.
- 1.5.7. Wheel Arches may be filed down to allow movement of Wheels, but must be performed sympathetically.
- 1.5.8. Chassis or Body Lugs and Exhausts impeding 'body rock' can be removed.
- 1.5.9. Chassis elements that protrude through the body (e.g Front Grilles) that restrict body rock can be removed, but must be secured back into place on the body. This must be completed sympathetically with as little loss of material from the chassis as possible.
- 1.5.10. Screws holes are not required to be covered, however if any failure occurs, all screws must be fully secured for the next stage. Any subsequent failures will result in the car being excluded.

1.6. Axles

- 1.6.1. Maximum axle width is 65mm.
- 1.6.2. Rear Axles may be changed but the overall width of the car must not be greater than the original.
- 1.6.3. Wheels must not protrude from the arches, unless standard to model. In the event of dispute reference will be made to the manufacturer's images.
- 1.6.4. Front Axles may be changed from solid to independent or vice versa, via manufacturer's proprietary parts
- 1.6.5. Free floating spacers may be used to limit sideways movement on Front Axles.
- 1.6.6. Floating Front Axles may not be fixed or made adjustable by any method or by the use of packers of any material.
- 1.6.7. Suspension may be glued but not removed.

1.7. Motors and Mounts

- 1.7.1. Changing or upgrading of the models Motor is permitted, providing this is achieved using proprietary Adaptors.
- 1.7.2. A "Standard Mabuchi" is defined as an FC-130 motor with 18k RPM or less.
- 1.7.3. Motors must be identifiable, with sticker wraps, printed markings or via recognisable designs.
- 1.7.4. Modifications or alterations to Motors are strictly prohibited.
- 1.7.5. SCX Motors may be hard-wired.

1.8. Weight

- 1.8.1. Weight cannot be removed from either the Body or Chassis, whether by cutting or other means. This includes lights and lighting circuits, which can be disconnected but not removed.
- 1.8.2. Weight may be added to the car, via lead or other materials, but must be fixed securely to the Chassis
- 1.8.3. Weight may only be installed for ballasting purposes.
- 1.8.4. Magnets may be removed or moved to another position on the chassis to aid weight distribution.
- 1.8.5. Scalextric DPR hatches may not be removed. If a 3D printed chassis is 'DPR Ready', a DPR hatch must be installed.

2. "Production" Class

- 2.1.1. A class for "Box Standard" cars in original specification with light race preparation.
- 2.1.2. These cars must be from a manufacturer's base range, and not from any Tuned/Modified/Race Prepared series.
- 2.1.3. All parts, including replacements, must match or be of equivalent specification.
- 2.1.4. Older models where standard parts have been updated, redesigned or replaced over their lifetime of the range, may have the newer specification parts installed, or vice versa.
- 2.1.5. Cars found to be against the spirit of being "Box Standard" will be deemed illegal.

2.2. Eligible Cars

- 2.2.1. All cars must be produced by the following manufacturers;
 - SCX
 - Scalextric,
 - Ninco (Sports, S),
 - Carrera
 - Fly (Standard)
- 2.2.2. For the avoidance of doubt, Cars from these ranges are specifically prohibited; SCX (Pro), Ninco (1, Lightning, Prorace), Fly (Racing)
- 2.2.3. The use of GT models for which a manufacturer created a "Rally Version" by only fitting a Navigator, with no or limited other changes to the design (Body, Chassis, Running Gear etc) will be strictly prohibited. Examples of this include the 'Ninco Porsche 997', if you are unsure about eligibility, please contact us for confirmation.
- 2.2.4. SCX "Rally Cross" cars may be run only with a Driver, a Navigator does not need to be fitted.

2.3. Chassis and Body

- 2.3.1. All Chassis must be solid one-piece construction, excluding Motor Mounts
- 2.3.2. 3D Printed chassis may be used, but must be of identical design to the original, including any Motor Mountings.

2.4. Wheels and Hubs

- 2.4.1. Replacement hubs must be of the same material as originally fitted.
- 2.4.2. Rear Hubs may be swapped to allow fitting of standard 19x10 tyres. All other regulations in '1.4 Wheels and Hubs' and '1.6 Axles' still apply.

2.5. Motors and Mounts

- 2.5.1. Plastic Pinions may be swapped for metal 'press-on' equivalents of the same ratio.
- 2.5.2. 3D printed Motor Adaptors or Mounts of identical design to the manufacturer's parts, if no longer freely available, are permitted.
- 2.5.3. Upgrading or changing of Motors is permitted, providing this is achieved using proprietary Adaptors.
- 2.5.4. Only the following motors may be used;
 - SCX (excluding RX4H & 'Pro')
 - Scalextric "Standard"
 - Ninco (NC1, NC8, NC9)
 - Carrera "Standard"
 - Fly "Standard"
 - "Standard Mabuchi"
- 2.5.5. Converting cars between 2WD or 4WD via a Motor swap is not permitted.
- 2.5.6. On Band driven 4WD cars, a Band must be fitted, however any size or strength band may be used, it must be correctly installed and provide drive the Front Wheels.
- 2.5.7. Bands may not be installed by any method to convert a car to 4WD.

3. "Open" Class

- 3.1.1. An open class for cars with a higher level of freedom in parts and preparation
- 3.1.2. Any parts may be used, if it meets all other technical regulations.

3.2. Eligible Cars

- 3.2.1. Cars from any manufacturer are permitted.

3.3. Chassis and Body

- 3.3.1. 3D Printed Chassis of any design can be used.
- 3.3.2. Lexan interiors may be used, but must be fully decorated with no see-through elements.
- 3.3.3. 3D Printed or Resin bodies can be used, but must be fully decorated.

3.4. Wheels and Hubs

- 3.4.1. Wheel hubs of any material or size may be used. All other regulations in '1.4 Wheels and Hubs' and '1.6 Axles' still apply.

3.5. Motors and Mounts

- 3.5.1.1. 3D printed Motor Adaptors or Mounts of any design.
- 3.5.1.2. Any Motor may be used, however if causes excessive rf interference or feedback which interferes with any timing system, the car may be excluded.

4. "Slot Rally GB" Class

- 4.1.1. A car from *any* of the available classes in the current "Slot Rally GB" 2025 Technical Regulations available here: <https://www.slotforum.com/attachments/staffs-slot-cars-uk-slot-rally-gb-regulations-2025-including-avant-slot-challenge-1-pdf.407006/>
- 4.1.2. Cars that do not meet the scrutineer's interpretation of the "Slot Rally GB" Technical Regulations may be allowed to run in the "Open" Class.
- 4.1.3. Where there is any clash of regulations between the "Slot Rally GB" Technical and '1. General Regulations', the 'General' regulation will take precedent. However, the scrutineers will discuss and make an informed decision on the eligibility on the day.