

FIESTA RALLYCROSS CHAMPIONSHIP



2024 TECHNICAL REGULATIONS



4 TECHNICAL REGULATIONS

4.1 INTRODUCTION

4.1.1 The following Technical Regulations are set out in accordance with the Motorsport Ireland specified format and it should be clearly understood that if the following texts do not clearly specify that you can do it you should work on the principle that you cannot.

4.1.2 It is the competitor's responsibility to ensure that their car complies with these Technical Regulations, as published by the Organisers, throughout official practice, qualifying, and races at all times.

4.2 GENERAL DESCRIPTION

4.2.1 The Fiesta Rallycross Championship is for Competitors participating in cars complying with the published Technical Regulations for the current Ford Fiesta Zetec Race Championship **and the permitted exceptions listed below.**

4.2.2 Examination of Vehicles

4.2.2.1 The Organisers (in addition to any other powers they may have under these Regulations) reserve the right before or after any race in the Championship to designate any one or more of the competing cars for special eligibility scrutineering. Upon such election being made, the competitor shall immediately place the car under the control of the Organisers and be deemed to have permitted all such scrutineering, examination and testing as the organisers may responsibly require to undertake. The organisers have the right to:

- a) Examine the car at the circuit for such period as they may reasonably require and take fuel and/or other samples and/or
- b) Retain the car for detailed examination at premises chosen by the organisers. If the organisers elect to retain the car, they shall make it available for collection by the competitor at least seven days prior to the qualification session for the next race in the Championship unless the car is found to be in breach of these regulations and/or
- c) Seal the car and its components in such a manner as they may choose and require the competitor at their own expense to present the car at any other premises chosen by the Organisers for detailed examination within a specified period and/or remove the car by transporter at no expense to the competitor to an appointed location. The competitor will be advised in writing of the time, date and location of the subsequent testing or eligibility examination.

4.2.2.2 The stripping of the engine or any required component will be undertaken by the competitor and/or mechanic/technician nominated by the competitor at the premises designated and overseen by a Motorsport Ireland licenced Scrutineer.

4.2.2.3 Competitors will be personally and solely responsible for ensuring that their cars comply with their registration details and with these regulations for each event at which they are entered. Failure to comply in either respect will be a breach of these regulations. Queries concerning eligibility should be referred in writing to the Organisers or the Eligibility Scrutineer at least seven days prior to an event entered, to permit a written ruling in advance of any meeting at which it is intended to compete.

4.2.3 All cars must be presented in a good condition, clean and tidy with any damage from a previous round removed or repaired. Any car which, in the opinion of the Chief Scrutineer, does not meet with these requirements will be excluded from the event.

4.3 SAFETY REQUIREMENTS

4.3.1 All cars must comply with these Technical Regulations, in addition to the safety requirements as listed in MI GCR Appendix 2 of the current MI Yearbook.

- 4.3.2 A Multi Point roll cage in compliance with FIA Appendix J 253 and in accordance with MI GCR Appendix 2 Section 16 is mandatory. Roll cage padding must be FIA approved.
- 4.3.3 It is mandatory to use a hand held or plumbed in fire extinguisher in accordance with MI Regulation Appendix 2 Section 6.4.2.
- 4.3.4 A minimum five-point safety harness in accordance with MI Regulations Appendix 2 Section 7.2 must be fitted
- 4.3.5 An FIA Homologated Driver's seat in good condition must be used and fitted in accordance with MI Regulation Appendix 2 Section 20.2.
- 4.3.6 Safety helmet must be to the standard specified in MI GRC Appendix 2 Section 17 and must incorporate an FIA approved FHR device fitted in accordance with FIA Regulations.
- 4.3.7 Drivers must wear current FIA homologated flame retardant overalls, underwear, socks, boots, balaclava and gloves. Flame retardant overalls must cover the arms to the wrists, the legs to the ankles and the torso to the neck during the competitive sections of the event. Clothing will remain valid for 5 years after the expiry date shown on the relevant FIA Technical List subject to being in adequate condition. See MI GRC Appendix 2 Section 23.
- 4.3.8 Vehicles must be equipped with an externally and internally operated circuit breaker as per MI GRC Appendix 2 Section 22 of the current MI yearbook. The circuit breaker must be operable when the driver is normally seated irrespective of whether a safety harness is worn or not.
- 4.3.10 The car must be fitted with towing points front and rear. It is only permissible to use a strap to connect to the existing towing eye mounting point on the cars to avoid damage in a contact situation. Where a solid bracket is used, the towing eye must not protrude beyond the bodywork of the vehicle. See MI GRC Appendix 2 Section 21.

4.4 GENERAL TECHNICAL REQUIREMENTS & EXCEPTIONS

In accordance with the published Technical Regulations for the current Ford Fiesta Zetec Race Championship.

4.5 CHASSIS

In accordance with the published Technical Regulations for the current Ford Fiesta Zetec Race Championship.

4.6 BODYWORK

In accordance with the published Technical Regulations for the current Ford Fiesta Zetec Race Championship.

4.7 ENGINE

In accordance with the published Technical Regulations for the current Ford Fiesta Zetec Race Championship.

4.8 SUSPENSION

In accordance with the published Technical Regulations for the current Ford Fiesta Zetec Race Championship.

4.9 TRANSMISSIONS

In accordance with the published Technical Regulations for the current Ford Fiesta Zetec Race Championship.

4.10 ELECTRICS

In accordance with the published Technical Regulations for the current Ford Fiesta Zetec Race Championship.

4.11 BRAKES

In accordance with the published Technical Regulations for the current Ford Fiesta Zetec Race Championship.

4.12 WHEELS/STEERING

In accordance with the published Technical Regulations for the current Ford Fiesta Zetec Race Championship.

4.13 TYRES

4.13.1 The only tyres permitted are

- (a) Yokohama Advan A050 185/60/R14 Art. Code F1902 or N3212, or
- (b) Toyo Proxes R888 185/60 R14, or
- (c) Nankang AR1 185/60/R14

4.13.2 Tyre cutting is prohibited.

4.14 WEIGHTS

In accordance with the published Technical Regulations for the current Ford Fiesta Zetec Race Championship.

4.15 FUEL TANK/FUEL

In accordance with the published Technical Regulations for the current Ford Fiesta Zetec Race Championship.

4.16 SILENCING

4.16.1 For all cars a noise limit of 105dB is imposed, measured with a noise pressure meter regulated at Position A and SLOW, placed at an angle of 45 degrees to and 50 cm distance from the exhaust outlet, with the car engine turning at 4,500rpm.