

REGULATION CHANGES FOR CONSULTATION

Committee:	Race Committee
Date of Meeting:	18 March 2026
Closing date for consultation:	8 th June 2026
Email for comments:	raceconsultation@motorsportuk.org

Proposed Regulation

Chapter 12 – Race

Appendix 13 – Competitors Vehicles Technical Regulations

11.13. It is mandatory for an **operational** FIA Impact Data Recorder (IDR) to be fitted to **all Vehicles** competing in British, National status and Junior Championships. IDRs must be installed ~~as per~~ **and operated in accordance with** the manufacturers' instructions. **Each IDR must be uniquely assigned to, and used only in, the individual Vehicle in which it is installed.**

Date of Implementation: **1st January 2027**

Reason: Race Committee supported mandatory requirement for IDRs to be fitted to British titled, National status and Junior Championships in 2025 and this was included in NCR.

With the successful deployment and the benefits for both Motorsport UK and evidentially the Competitor Race Committee support mandating IDRs in race vehicles noting mandating across all high-risk disciplines. The Committee have requested a detailed competitor communication package which clearly explains the benefits.

For The FIA IDR (Impact Data Recorder) is a low-cost, lightweight device developed by the Fédération Internationale de L'Automobile (FIA) to enhance motorsport safety. It records impacts during Events without requiring wiring or charging, making it suitable for various motorsport disciplines. The device is designed to be easily attached to vehicles and can last for two years, recording up to 80 impacts. It is particularly beneficial for grassroots competitions, providing real-world accident data that can inform safety improvements across the sport. During 2025 470 units had been deployed across British, National status and Junior Championships. 58 triggers were recorded by these units and 138 database reports were generated.

Refer to the attached IDR guide, and watch the video available [here](#).

FIA IMPACT DATA RECORDER (IDR) COMPETITOR GUIDE

May 2026



What is the FIA IDR?

The FIA Impact Data Recorder (IDR) is a small, lightweight device fitted to your competition vehicle that records data when an impact occurs. It is designed by the FIA to improve safety across all levels of motorsport and is suitable for grassroots through to national competition.

Weight: 20g

Dimensions: 60mm x 45mm x 14.5mm

Material: Protective smart polymer

Unit life span: 2 years



Why is it being introduced?

The IDR enables detailed crash data collection at all levels of our sport. This helps to improve safety standards, provides a better understanding of incidents, and supports evidence-based decisions on circuits, cars and safety equipment.

Motorsport UK Requirement

The Motorsport UK Race, Rally and Rallycross Committees are proposing that IDRs will become mandatory for all vehicles competing in Motorsport UK permitted events from 1 January 2027.

This follows a successful rollout in 2025, in British, National and Junior Championships, where 470 units were deployed, recording 58 impact triggers and generating 138 safety reports.

What does the device do?

The IDR automatically records high-G impacts during an incident. It logs impact forces, captures multiple impacts, and stores data internally. Each device can record up to 80 incidents and operate for around 2 years without maintenance. It is always active and requires no input from the competitor.

How does it work?

The IDR is a small unit attached using an adhesive pad. It requires no wiring, charging or connection to the vehicle. This 'fit and forget' approach ensures minimal burden on competitors. Devices must be installed in accordance with manufacturer instructions.

When a vehicle with an IDR installed is involved in an accident, the impact data can be downloaded by an event official by scanning the unique QR code found on the front of the IDR to download the impact data.

Officials can then add supplementary information to the accident report such as photos, notes and medical information before submitting the report to Motorsport UK. Motorsport receives the accident report and analyses the data to identify any trends or safety hazards.



How is the data used?

After an incident, officials can scan the device using the FIA IDR app to download impact data from the vehicle. This information is then analysed to help improve safety across the sport by providing a better understanding of how incidents occur and how safety systems perform in real-world conditions. For example, the data may help identify when components such as seats or harnesses could have sustained damage, highlight areas where safety equipment or vehicle design may need improving, and provide valuable information to support broader risk analysis within motorsport and insurance sectors.

What do I need to do as a competitor?

Simply make sure your IDR is fitted correctly to your vehicle and that the 'IDR Inside' sticker is clearly visible. If you're involved in an incident, please allow officials to access the device so they can collect the data. Other than that, there's nothing you need to do as the IDR will work automatically in the background.

How do I install it?

1

Identify a suitable area to affix your IDR; we suggest on the floor and as close to the centre of the cockpit as possible, such as under the seat in a formula car, or the transmission tunnel in a touring car.

2

Clean and degrease the chosen area to fit your IDR using a solvent degreasing solution or similar. Then remove the backing from the adhesive pad on the rear of the IDR and affix it to the chassis. Ensure that the tip of the IDR's arrow-shaped body is facing directly towards the front of the car.

3

Once your IDR is fitted, download the FIA IDR App on the App Store or Google Play. Once downloaded, select 'Activate IDR' in-app, enter your email address and scan the IDR's unique QR code using your phone's camera to activate it.

4

You will receive a notification when activation has been successful. You are now ready to use the FIA IDR App to monitor impact data, review reports, and enhance safety tracking.

What will it cost?

The FIA IDR is available at a reduced cost of **£32** (normally £80), with Motorsport UK receiving no revenue from the device. Competitors with multiple vehicles must fit an IDR to each vehicle, and a future part-exchange and recycling programme is planned to support long-term use and sustainability.

What are the benefits of having an IDR?

- Improved safety through real-world data
- Objective analysis of incidents
- Long-term improvements to cars, circuits and safety systems
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Motorsport UK, through its various committees, fully supports IDR implementation due to the clear benefits to sport safety.