

Reminder of some key points of the technical regulations and recent changes

The latest versions of all technical regulations and the Sporting Regulations are available from <https://www.fia.com/regulation/category/100>.

1. [Appendix L – chapter III - 1 – Helmets](#)



The helmets homologated to the FIA standards **8858-2002** and **8858-2010** (Technical List N°41) are not accepted anymore.

For your information, find here below the link to the FIA Standard Guidelines for Helmets: [guidelines_helmets](#)

2. [Appendix L – chapter III - 2 – Clothes](#)

All drivers (and co-driver(s)) entered in an event of the World Rally-Raid Championship or of the World Baja Cup, must wear clothes (overall as well as a balaclava, top and bottom underwear, socks, shoes and gloves (optional for co-drivers)), **homologated to the FIA 8856-2018 standard** (Technical List No 74).

The use of clothes **homologated to the FIA 8856-2000 standard** (Technical List No 27) is allowed for **all drivers and co-drivers in the events of the European Baja Cups**, until 2028 (included).

For your information, find here below the link to the FIA Standard Guidelines for Protective Clothing: [guidelines_safety_clothing.pdf](#)

3. [Appendix L – chapter III - 3 – Frontal Head Restraint \(FHR\)](#)



Always keep in mind to choose your FHR device according to your body shape and to adjust the lengths of the straps by following the recommendations of the FHR manufacturers.

Please have a look at the below documents, all available from the FIA website:

- [FIA Standard Guidelines for FHR](#)
- [HANS guide and installation specifications](#)
- [HYBRID guide and installation specifications](#)

4. [Art. 283-2 – Accident Data Recorder \(ADR\)](#)

All the **ULTIMATE** vehicles built after the 01/01/2016 and all **T1+** vehicles must be fitted with an Accident Data Recorder (ADR) compliant with the FIA STANDARD 8872-2018 (Technical List No 88). The ADR must be installed in accordance with the FIA ADR Installation Specification and manufacturer user's manual.

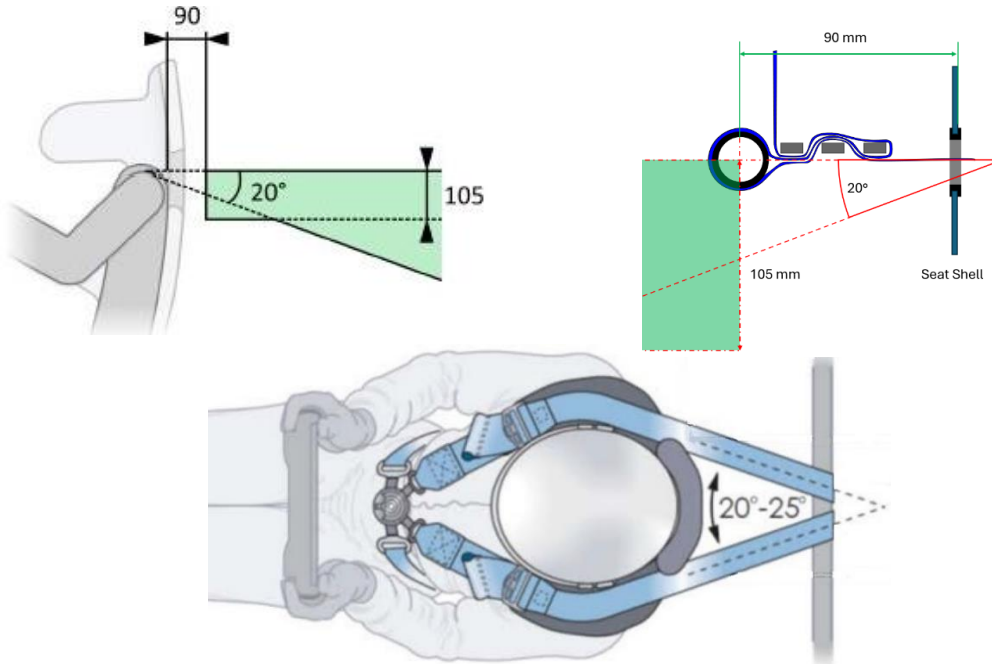
https://www.fia.com/sites/default/files/l88_approved_adr_-_8872-2018_1.pdf

5. Art. 283-6.2.3 – Safety belts installation – Shoulder straps



Since 1/01/2023, they must be installed in compliance with the drawing shown on the left-hand side here below.

When viewed from above, the angle between the straps must not be out of the 10°-25° range.



6. Art. 283-7 – 8865-2015 Extinguishing systems

The mounted system must be installed in compliance with the requirements of the installation guide dedicated to the precise system.

<https://www.fia.com/presentation-forms-and-installation-guides-plumbed-extinguishers-according-fia-standard-8865-2015>

Furthermore, the electric activation system (electrical box) shall now be installed in a location where the status lights are visible to any official without dismantling any vehicle components when the occupants are seated normally.

7. Art. 283-7 – 2nd manual extinguisher



From the 1/01/2025, all vehicles must be fitted with 2 manual extinguishers.

It is recommended that the 2nd manual extinguishers is mounted in a location where it is easily accessible from outside.

One of the 2 manual extinguishers must be High-Voltage compatible.

From 2027, both manual extinguishers will have to be HV compatible.

Extinguishing agents HV-compatible:

- Powder (ABC type extinguishers)
- Novec 1230
- FXG-TEC FE36
- FK-5-1-12

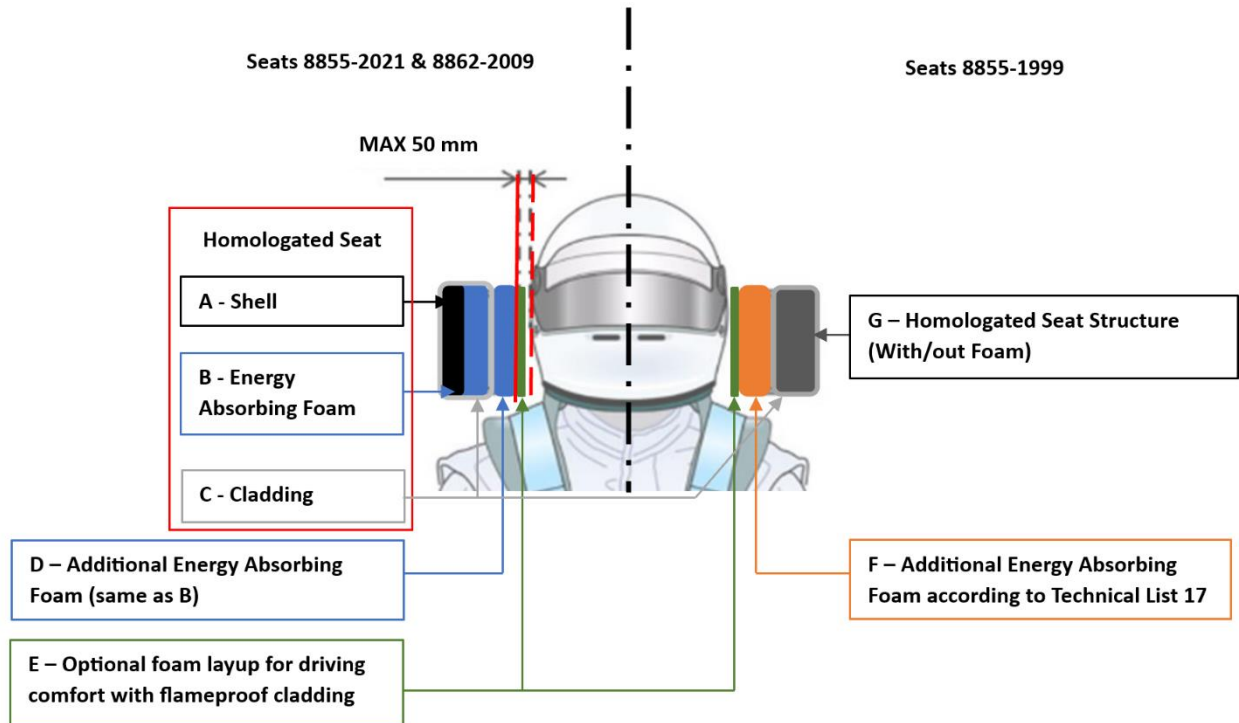
8. Art. 283-20 – 8855-1999 seats

The use of 8855-1999 seats (Technical List No 12) with headrests (i.e. in compliance with the S2000 technical regulations) is recommended but not mandatory. In order to improve comfort and to attenuate impact forces, the FIA recommend the use of add-on paddings on the side head supports and/ or on the back head support.

FIA guidelines for head support add-on paddings:

- A layup consisting of:
 - **E – Optional foam layup for driving comfort:** a soft initial layer, typically around 6 to 12mm, and for example made from polyurethane (PUR 5kPa @40%) non-memory foam facing the helmet.
 - **F – Additional Energy absorbing Foam according to technical list 17** in order to achieve the desired helmet to seat gap
- Wrap the foam with fire-resistant seat cladding and fixed onto the seat with Velcro

The helmet to seat gap is recommended to be around 20mm, but, as free, it may be adjusted on driver's preference.



https://www.fia.com/sites/default/files/l12_approved_seats_115.pdf

https://www.fia.com/sites/default/files/l17_approved_headrest_materials_0.pdf

Have also in mind that the use of seats homologated as per the FIA Standard 8855-2021 (Technical List No 91) or 8862-2009 (Technical List No 40) will be mandatory in all vehicles, of all groups, from the 1/01/2027.

9. [Art. 283-8.3 – Minimum distance between driver/codriver helmet and safety cage paddings](#)

For all vehicles fitted with a safety cage homologated after January the 1st, 2024.

The distance between the occupants' helmets and the mandatory safety cage paddings must be no less than 40mm. Furthermore, no point of the helmets must not be over a plan defined by 2 nearby tubes of the safety cage or roof reinforcements, fitted with the protective paddings.

10. [Art. 283-14.2.1 – Fuel cell ventilation](#)

All fuel cells must be fitted with at least one breathing system satisfying the requirements of the article in subject.

11. [Art. 283-14.2 – Refuel quick coupling installation](#)

As per the art. 56.2.1 of the CCR Sporting regulations, the use of quick-coupling refuel connections (SPT 12 Staubli type) is mandatory for Challenger and SSV group vehicles.

They must be installed in compliance with the requirements of the article 283-14.2.