

# Technical Regulations

## Peugeot Rally Cup Iberica 2020



PEUGEOT  
RALLY CUP  
— IBERICA —

**2020**  
**Rally4**

VISA FPAK nº 504T/PRCI /2019

Emitido em: 04/02/2020



## CONTENT

### INTRODUCTION

#### ARTICLE 1

Definition and identification of the eligible vehicle

#### ARTICLE 2

Inspections and technical verifications

#### ARTICLE 3

Roll Cage

#### ARTICLE 4

Engine, Fuel and Engine map

#### ARTICLE 5

Lubrifications

#### ARTICLE 6

Transmission

#### ARTICLE 7

Suspension and brakes

#### ARTICLE 8

Tires

#### ARTICLE 9

Weight

#### ARTICLE 10

Equipment

### CONTACTS

## INTRODUCTION

These Technical Regulations were registered with FPAK (Portuguese Federation of Motoring and Karting) FPAK VISA Nº 504 / PRC / 2020 approved on: 02/04/2020

These technical regulations were written in order to describe what is authorized and not what is prohibited. The reader should always keep in mind that modifications are not permitted unless they are expressly authorized by the following:

- Technical Regulation of the Peugeot Rally Cup Ibérica;
- Attachments and additions to this Technical Regulation;
- Assembly 208 Rally4 and Technical Bulletins.

The Technical Regulation and Annexes will be published at [www.fpak.pt](http://www.fpak.pt) and in the official website of the Peugeot Rally Cup Iberica [www.peugeotrallycupiberica.com](http://www.peugeotrallycupiberica.com) . Technical assembly and technical bulletins will be published in the Technical Documentation section of [www.peugeotsport-store.com](http://www.peugeotsport-store.com) and like the ones published by the FTP server of the car Peugeot 208 Rally4.

Used or damaged components can only be replaced by original Peugeot parts (in the case of original or standard parts), by Peugeot Sport or by Peugeot Sport parts (specific parts) from the Peugeot Sport catalog for the Peugeot 208 Rally4.

Participants are fully responsible for the technical compliance of their vehicle during the 2020 period of the Peugeot Rally Cup Ibérica, from the preliminary technical check to the publication of the official results.

All work on the vehicle must be carried out according to the procedures described by Peugeot (in the case of original or standard parts), or by Peugeot Sport (specific parts) and in strict accordance with the Technical Regulation.

The organizer reserves the right to modify the technical specifications of the Peugeot 208 Rally4 or the Technical Regulation covering the Peugeot Rally Cup Ibérica 2020.

Competitors will be informed of these changes through amendments to these regulations published on the FPAK website ([www.fpak.pt](http://www.fpak.pt)) and in the official website of the Peugeot Rally Cup Iberica [www.peugeotrallycupiberica.com](http://www.peugeotrallycupiberica.com) .

## ARTICLE 1

Definition and identification of admitted vehicles.

### 1.1 Type of vehicle

Only the Peugeot 208 Rally4 can enter in na event of the Peugeot Rally Cup Ibérica.

The Peugeot 208 Rally4 will all be assembled with specific parts from the Peugeot 208 Rally4 and Options Peugeot 208 Rally4 kits sold by Peugeot Sport and original parts designed for this car, in accordance with the application instructions and in accordance with the standards referred to in this Technical Regulation.

The use of any parts not included in the Peugeot Sport 208 Rally4 kit or in the Peugeot 208 Rally4 options is prohibited (for example quick-release fittings, steel plates, thermal protections, etc ...).

The following parts can be applied freely according to the regulations published by the FPAK:

- Pilot and Co-Pilot Foot Stands;
- Glass Cleaner Reservoir and Pump;
- Fixing the bumpers to the supports;
- TerraTrip and supports;
- Browser light and supports;
- Hydraulic jack and supports;
- Rubber Visors;

The vehicle must comply with the technical regulations published by the FPAK and the FIA Approval Form No. A-5780, including the latest extensions of the Approval Form and the latest amendments for each race.

## ARTICLE 2

Verifications and technical inspections

### 2.1 Technical verifications

In the first technical checks, the technical commissioners will check the safety equipment, identification of elements and sealing of parts.

In the technical checks before each event, any comments must be noted on the vehicle's technical passport. These comments must be corrected by the competitor for the initial technical checks of the next event.

## 2.2 Technical Inspections

Any Technical Inspection can be done at any time during the Peugeot Rally Cup Ibérica 2020 to check if the vehicles are in compliance with the Technical Regulation. As such, technical commissioners can make checks, comparisons, take samples, or perform any type of performance measurement against any component of the car to ensure it complies with the rules.

### ARTICLE 3

Safety Arch integrated and in accordance with the FH of the vehicle A-5780.

The body and the safety arch are safety equipment approved and approved by the FIA. Any modification to the safety arc is prohibited.

Prohibited changes include machining, welding or treating the safety arc that results in permanent modification of the material used or its construction.

Repairs to the safety arc are not permitted.

Any damaged safety arc must be replaced.

It must be possible to clearly identify the vehicle and the chassis number (body) will correspond to a specific number in the safety cage (Rollbar) that is engraved on the tubes that make up the safety arc in accordance with FH A-5780.

### ARTICLE 4

Engine, Fuel and Engine Map

#### 4.1 Engine sealing and aprovation

Any engine used to participate in the Peugeot Rally Cup Ibérica 2020 (208 Rally4) must have been assembled or overhauled and sealed by Peugeot Sport, via its partners (Oreca – The Motorsport company), through the “Engine Performance Seal” or by Peugeot Rally Cup Ibérica.

Any participant in which his 208 Rally4 does not present with the engine seals in perfect condition and legible (Valve cover seal, and crankcase, including the engine number) will not be allowed to participate in the Peugeot Rally Cup Ibérica 2020.

All stamps are the responsibility of the Participant (Competitor).

However, regardless of the appearance of the engine seals, their presence does not constitute proof of engine compliance. Consequently, in the context of technical checks, the performance characteristics of the engine can be checked and the engine can be dismantled.

If a competitor needs to replace a label during an event (to perform mechanical work, for example), they must inform the technical commissioner delegated by the Peugeot Rally Cup Ibérica 2020.

Any removal of a seal during an event without the attendant present, without the approval of the commissioner or, if not possible, a member of the Peugeot Sport team, will result in the exclusion of the participant from that round of the Peugeot Rally Cup Iberica 2020.

#### **4.2 Maintenance**

Peugeot Sport will not seal any Peugeot 208 Rally4 engines that are not built or serviced by them.

#### **4.3 Fuel**

Only unleaded 98 octane gasoline from commercial gas stations. Participants must take all necessary measures to ensure that a fuel sample of at least four liters can be removed from the vehicle's fuel tank at any time during an event for analysis purposes.

The samples will be taken and analyzed in accordance with the procedure described in the FPAK General Prescriptions even in the RFEDA ones.

#### **4.4 Engine Map**

Only the specific Peugeot Sport engine map for 98 unleaded petrol is authorized.

#### **4.5 Engine Control and Data Acquisition Unit**

The Magneti-Marelli SRG 141 motor control unit cannot be moved from its original position. Technical stewards must be given access to connect with this unit at any time during the event.

When they connect to this unit, they will have access to the data stored in it, in order to check if the vehicle is in compliance.

It is the participant's (competitor's) responsibility to ensure that the Ethernet connection and cabling is in perfect working condition.

It is forbidden to delete the data recorded on the control unit during a round of the Peugeot Rally Cup Ibérica 2020 event (from the initial checks to the end of the final checks).

## ARTICLE 5

### Lubricants

The use of the following lubricants is mandatory:

- Engine Oil: Total Quartz Ineo First 0w30 (ref: PS97727A10)
- Gearbox Oil: Total H50168B (ref: 1C2340626A)
- Power Steering Fluid: Total Fluide LDS (ref: 1615099680)

## ARTICLE 6

### Transmission.

The use of any technical transmission specification contained in the specification sheet A-5780 is authorized.

The final interface to be used is free.

There is no limit to the number of friction rings of the differential, as long as it is within the number specified by the approval of the approval (FH).

## ARTICLE 7

### Brakes and Suspension

#### 7.1 Suspension

The adjustment of the suspension settings of the car and the geometry are authorized on the condition that only the adjustable parts sold by Peugeot Sport for the Peugeot 208 Rally4 are used, according to the specification sheet for the event in question.

Only shock absorbers sold by Peugeot Sport for the Peugeot 208 Rally4 are authorized. No modifications can be made outside or inside, according to the specifications sheet for the event in question.

The front and rear anti-roll bar bars specified by the specification sheet for a particular type of surface can be disconnected or removed.

#### 7.2 Brakes

The use of brake discs indicated on the specification sheet for the different types of flooring is mandatory.

All the brake pads has to be marked by the Peugeot Rally Cup Iberica with his own logo.

Regarding the front brake pads, are allowed three different options for tarmac:

- Endless N105SP                      Reference: 904481468A;
- TM Performance Mix 2              Reference: 904644418B;

Regarding the front brake pads for gravel, the allowed ones are:

- TM Performance Mix 1              Reference: 904642078B;

Regarding the rear brake pads, for tarmac:

- TM Performance Mix 2 Reference: 904644498A;

Regarding the rear brake pads, for gravel:

- TM Performance Mix 1 Reference: 904642108A;

## ARTICLE 8 - TIRES

### 8.1. Tarmac Tires

Competitors can use up to 8 pre-registered tires from the manufacturer Pirelli in the first race. In the remaining races, with a distance less than or equal to 200 kilometers, competitors can use up to 8 tires (new and/or marked in previous races).

For races longer than 200 kilometers, competitors can use up to 10 tires (new and/or marked from previous races).

The compounds to be used in each event are those available from the supplier for each event.

Authorized measures: 205/45 R17.

Types: RK5, RK7, RKW7.

### 8.2. Gravel Tires:

Competitors can use up to 8 pre-registered tires from the manufacturer Pirelli in the first race. In the remaining races, with a distance less than or equal to 200 kilometers, competitors can use up to 8 tires (new and/or marked in previous races).

For races longer than 200 kilometers, competitors can use up to 10 tires (new and/or marked from previous races).

The compounds to be used in each event are those available from the supplier for each event.

Authorized measures: 185/70 R15.

Types: K4, K6.

During the rounds of the Peugeot Rally Cup Iberica 2020, chemical treatments on the tire surface or the use of tire heating devices (thermal blankets, for example) are prohibited.

Rallies in Portugal are governed by the regulation of Specific Rally Prescriptions 2020 / FPAK.  
[http://www.ralis.fpak.pt/sites/default/files/ficheiros/regulamentos/2019/campeonato-portugal-ralis/perscricoes\\_especificas\\_de\\_ralis\\_2019\\_v4\\_-\\_aprovado\\_v2019\\_08.02.2019.pdf](http://www.ralis.fpak.pt/sites/default/files/ficheiros/regulamentos/2019/campeonato-portugal-ralis/perscricoes_especificas_de_ralis_2019_v4_-_aprovado_v2019_08.02.2019.pdf)

The rallies in Spain are governed by the regulations of the Prescriptions Comunes de los Campeonatos, Copas, Trofeos y Challenges de España, Spain Championship of Asphalt Rally / RFEDA 2019.

<https://www.rfeda.es/prescripciones-comunes-de-los-campeonatos-copas-trofeos-y-challenges-de-espana->

The authorized tire' suppliers are:

**Portugal: Q&F**

**-Q&F,Lda**

-Rua 1º de Maio 524

- 4445-245 Alfena -+351

229 699 490 E-mail:

[qfgeral@qf-lda.pt](mailto:qfgeral@qf-lda.pt)

**España: RVR**

**MERAC RVR SERVICES, s.l.**

C/ Grecia, Nau B-30 – Pol. Ind. Constanti,

43120 Constanti,

TARRAGONA

Tel. +34 630116319

Tel. +34 608935509

E-mail: [comercial@racingservices.es](mailto:comercial@racingservices.es)

**ARTICLE 9**

**Weight**

**9.1 Minimum Weight**

The minimum weight of the Peugeot 208 Rally4 is 1080Kg.

The minimum weight of the Peugeot 208 Rally4 is the weight at any time during the event (excluding the driver, co-driver, helmets and HANS devices, including a single spare wheel, tools and spare parts carried inside the car, with the fuel tank and windshield washer empty).

Tools and spare parts transported inside the car must be securely fastened behind the driver's and co-driver's seats.

The minimum weight of the Peugeot 208 Rally4 with the crew and equipment on board is 1240 kg.

Competitors must fulfill these two points during the event.

**9.2 Ballast**

The weight of the vehicle can be adjusted using one or more ballast weights, provided that the ballast is in the form of solid blocks in one piece fixed in place using tools and positioned under the cockpit floor. The Ballast must be visible and be prepared to be sealed by the technical commissioners.

The competitor must inform the technical commissioners in the initial checks that the vehicle is ballasted in order for the seals to be applied or verified.

## **ARTICLE 10**

### **Equipment**

#### **10.1 Interior Equipment**

According to FIA standard.

The use of a Sparco steering wheel with a diameter of 330 mm, or any other Sparco steering wheel, is mandatory.

#### **10.2 Security equipment**

According to FIA standard.

- Sparco Circuit QRT baquet, or Sparco Circuit II QRT, sold in the Peugeot 208 Rally4 kit, or any other baquet from the Sparco range that complies with FIA regulations;
- 6-point Sparco belts, sold in the Peugeot 208 Rally4 kit;
- Automatic fire extinguisher, sold in the Peugeot 208 Rally4 kit;
- 2 Kg manual fire extinguisher, sold in the Peugeot 208 Rally4 kit;

#### **10.3. Mounting the automatic extinguisher**

In order to comply with the provisions of article 253-7.2.2 of Annex J, the use of anti-torpedo guides (ref: 3T3C43572B) and the mounting brackets for the automatic fire extinguisher is mandatory.

It's mandatory that the extinguisher hoses supports, used in the engine bay are in accordance with the Peugeot Sport references 904467318B and 904467308B.

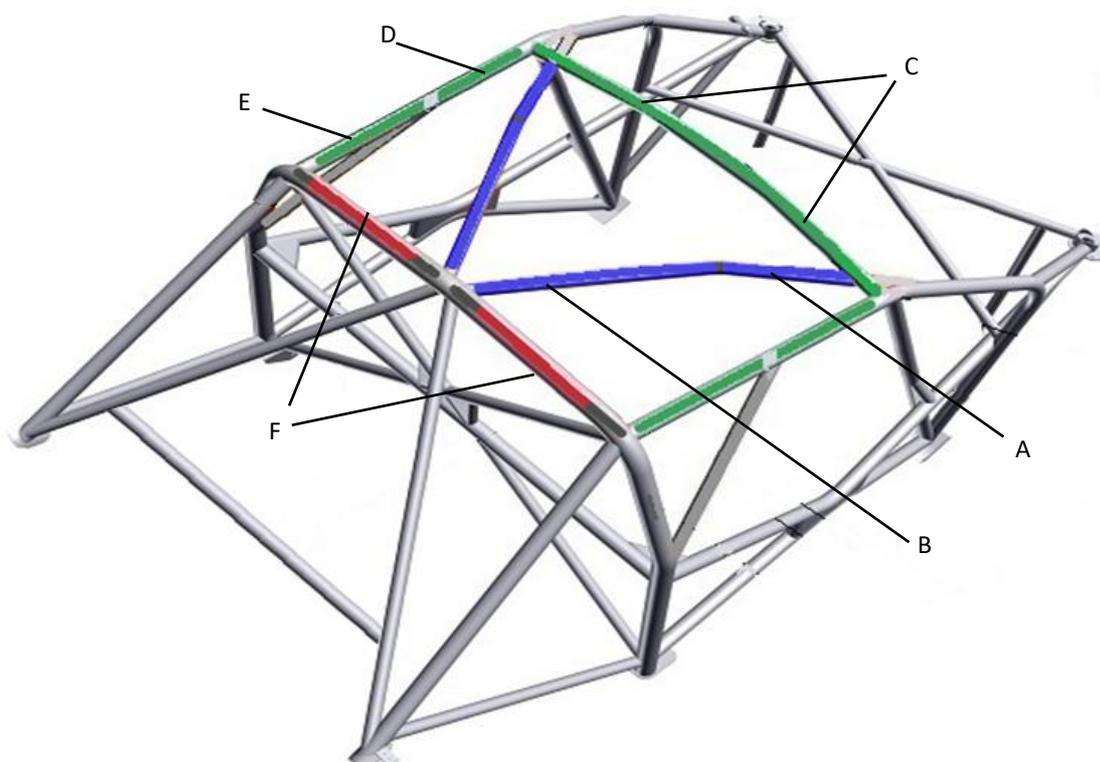
The layout of the fire extinguishing system must obey the instructions specified in the supplier's manual.

The use of plastic cable ties to fix the sprinklers on the extinguisher is not allowed.

It's mandatory to fix all extinguishing nozzles to a solid support (plastic or metal, or equivalent) using metal clamps, or screws and taps.

#### 10.4 Protection of the safety arch under the roof:

The protective foam for the safety arch of the FIA Technical List No. 23 will be applied in accordance with Art. 253-8.4 of Annex J and its drawing 253-68, and in addition to the illustration below.



Referência	Diâmetro	Comprimento [mm]	Quantidade
A	Ø 35	440	2
B	Ø 35	360	2
C	Ø 40	445	2
D	Ø 40	460	2
E	Ø 40	250	2
F	Ø 50	300	2

All applied sleeves must be fixed so that they do not move in relation to the Tube.

For this, the following items can be purchased at the Peugeot Sport Boutique:

- FIA foam for safety arc tube 35mm in diameter (ref .: 904613428A / 4 x 600mm);
- FIA foam for 40mm diameter safety arc tube (ref .: 219001-40 / 2 x 500mm);
- FIA foam for 40mm diameter safety arc tube (ref .: 219001-50 / 2 x 500mm);

#### **10.5 Auxiliary headlamps:**

The auxiliary headlamps allowed are the ones supplied by Peugeot Sport.

## **CONTACTS**

### **SPORTS AND YOU**

Travessa da Felgueira Nº65, Armazém 3 Campo, 4440-179  
Valongo - Portugal [www.sportsandyou.pt](http://www.sportsandyou.pt)

### **Peugeot Rally Cup Iberica 2020**

Regulations

[www.fpak.pt](http://www.fpak.pt)

### **Peugeot Rally Cup Iberica 2020 Manager**

José Pedro Fontes

E-mail: [jfontes@sportsandyou.pt](mailto:jfontes@sportsandyou.pt)

Sara Bessa

Tel: +351 918 616 477

E-mail: [sbessa@sportsandyou.pt](mailto:sbessa@sportsandyou.pt)

### **Technical Direction**

João Bernardo Silva

Tel: +351 967 745 078

E-mail: [tecnica@sportsandyou.pt](mailto:tecnica@sportsandyou.pt)

### **Sports and You Racing Shop (spare parts sales)**

Tel: +351 224 160 161

E-mail: [racingshop@sportsandyou.pt](mailto:racingshop@sportsandyou.pt)

[www.sportsandyou.pt](http://www.sportsandyou.pt)

### **FPAK (Federação Portuguesa de Automobilismo e Karting)**

Tel: +351 217 112 800

[www.fpak.pt](http://www.fpak.pt)

### **FIA (Federação Internacional de Automobilismo)**

Tel: +41 22 544 44 00

[www.fia.com](http://www.fia.com)