

## Bulletin N° 01/2018

Brühl, 10 April 2018

RENAULT Clio Cup Central Europe  
DMSB Genehmigungs-Nummer: 809/18, genehmigt am 14.02.2018

Ab sofort gelten die folgenden Änderungen und Ergänzungen

**Die aktuellen Serien-Bestimmungen werden um folgende Technischen Bulletins (N°2 und N°3) ergänzt:**

N°2 (BT\_2018\_X98CUP\_02\_UK / 2018 Technical Upgrades)

N°3 (BT\_2018\_X98CUP\_03\_UK / Brakes)

**The current series-regulations will be added by following technical bulletins (N°2 and N°3):**

N°2 (BT\_2018\_X98CUP\_02\_UK / 2018 Technical Upgrades)

N°3 (BT\_2018\_X98CUP\_03\_UK / Brakes)

All official changes, being sporting, technical or technical rules or in attachments, will be posted on [www.renault-sport.de](http://www.renault-sport.de) throughout the 2018 season.

Best regards

Vera Herrmann  
Renault Deutschland AG

Freigabe durch den DMSB  
*Approved by the ASN*

Datum, 10.04.2018  
Date, 2018-04-10

  
Kai Zimmermann  
Technik Automobilsport

## Technical Bulletin N°02

RÉFÉRENCE BT\_2018\_X98CUP\_02\_UK

DATE 2018-03-27

SUJET 2018 Technical updates

PIÈCES -

### **CONCERNED : ALL VEHICLES**

The aim of this document is to list all the technical updates that are made on the Clio Cup 2018 (all championships).

#### **A) SOFTWARE + ENGINE CALIBRATION**

#### **MANDATORY FOR ALL CHAMPIONSHIPS**

##### **A. CLIO CUP**

A new engine software will be released at the beginning of the 2018 season. This update does not integrate major evolutions of the engine management, but it allows to fix the case of poor cold start of the engine.



2 options for the implementation of the update:

- During the first events of each country. Dates of presence to be confirmed:
  - **UK** : Media Day at Silverstone (17/03) → Anthony LEBLANC (RSR), and during each event by Simon HOLLOWAY (Technical Support RML)
  - **CHINA** : ECU to be sent to RSR
  - **CENTRAL EUROPE** : First event by the local technical support
  - **FRANCE** : First event of the Coupe de France Clio Cup → Anthony LEBLANC (RSR)
  - **ITALIE** : TBD
  - **ESPAGNE** : TBD
  
- By sending the ECUs to Renault Sport Racing before the beginning of the championships:
  - **Address**: RENAULT SPORT RACING / 1 Avenue du Président Kennedy / 91177 VIRY-CHÂTILLON / France
  - To the attention of: Anthony LEBLANC (+33 6 07 47 34 26 / [anthony.leblanc@fr.renaultsportracing.com](mailto:anthony.leblanc@fr.renaultsportracing.com))
  - Please send the ECU along with the Return Form duly filled

## B. CLIO CUP JUNIOR

The engine calibration will be identified by the following sticker:



Same update as the Cup version.

### B) MICHELIN SLICK TYRES S9M

#### MANDATORY FOR ALL CHAMPIONSHIPS

A new compound is to be introduced by Michelin in 2018 (S9M replace the S9D).  
You will find below the tyre use recommendations.

We wish to remind you that the use of tyre valve caps are mandatory during all official sessions.

#### Informations caractéristiques

Appelation commerciale : **20/61 - 17 TL PILOT SPORT GT S9M RFID COMPETITION MI**

Dimension : **20/61-17**

Type : **S9M RFID**

#### Préconisation Slick : 20/61-17

Usage : **Track without banking**

Charge maximum / Maximun load (en daN) : **400 DaN**

Vitesse maximum / Maximun speed (en Km/h) : **250 Km/h**

Jantes autorisées / Allowed rims : **7.5 (+/- 0,5) J 17 "**

Pression minimum à froid / Minimun cold inflation pressure (en Bar): **1.4 Bar**

Distance d'un relais / Stint lenght (en Km): **200 Km**

Nombre de relais	Pression minimum à chaud					
	1.7 Bar	1.8 Bar	1.9 Bar	2.0 Bar	2.1 Bar	2.2 Bar
- 3.5 °	0	0	0	0	1	1
- 3.25 °	0	0	0	1	1	1
- 3.0 °	0	0	1	1	1	1
From -2.0 to - 2.75 °	0	1	1	1	1	1

No update on rain tyres (P2G).

### C) THROTTLE PEDAL STOP

#### OPTIONAL (FOR ALL CHAMPIONSHIPS)

A throttle pedal stop has been designed to prevent from any breakage of the pedal occasionally seen in the past seasons. The complete assy is composed of:

PART NAME	Reference	Quantity per Car
Throttle Pedal Stop	7711157182	1
Screw H M10*150 Lg 70	7703002507	1
Washer 25*26*3	7703053341	2
nut M10*150	7703033033	2

This new device is fitted on the cars produced in 2018 but remains an option for the other cars.



The location of the hole to be drilled in the chassis can easily be identified on the photos here above. (from the inside / from the engine compartment)

#### **Important note:**

- Ensure the good setting of the pedal stop in order to always achieve the 100% of the pedal,
- Check the throttle pedal learning on a regular basis.

### D) JUMP BATTERY CONNEXION

#### OPTIONAL (FOR ALL CHAMPIONSHIPS)

In order to ease the connexion of a battery charger or a jump battery while starting the engine it is now allowed to install a permanent **jump battery loom** available under the reference **7711166014**.

This new loom is already reported in the 2018 Nomenclature.

This new loom is mounted on the cars produced in 2018 but remains an option for the other cars.



### **E) NEW FUEL PUMP COVER**

#### **OPTIONAL (FOR ALL CHAMPIONSHIPS)**

Following the introduction of a new FT3 fuel bladder in the Clio Cup produced from 2018, a new wider fuel pump cover has been designed to ease the access to the pump in case of its replacement or any work carried on the Venturi assy.



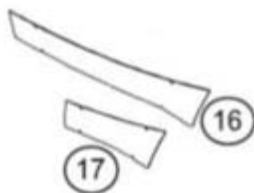
All new spare rolling chassis available at our spare parts department are now prepared with this wider cut of the chassis, hence we wish to get your attention in the necessary ordering of the new fuel pump cover along with any order of a new spare chassis. The old cover is no longer compatible with the new chassis.

## **F) WATER RADIATOR BLANKING**

### **OPTIONAL (FOR ALL CHAMPIONSHIPS)**

Following difficulties in engine water temperature management encountered in the past in very low air temperature conditions or in case of heavy rain, and in the aim to avoid entering the "low ECT protections" (as a reminder : the engine revs is limited when ECT is below 60°C), Renault Sport Racing has designed 2 new parts as a blanking to be mounted on the front bumper:

- Small blanking (N°17): **réf.8201582874**
- big blanking (N°16): **réf.8201582875**



These two new parts are already reported in the 2018 Nomenclature.

Renault Sport Racing  
Vehicle Design Department / Customer Racing

## Bulletin Technique N°03

RÉFÉRENCE BT\_2018\_X98CUP\_03\_UK

DATE 2018-03-27

SUJET Brakes

PIÈCES Rear Brake Pads

### **CONCERNED : ALL VEHICLES**

#### **A) SPECIFICATION CHANGE FOR REAR BRAKE PADS**

#### **MANDATORY FOR ALL CHAMPIONSHIPS (Exc UK)**

##### **A. CLIO CUP**

An evolution in the European regulations relative to the environment has forced our supplier PFC to change the constitutive components of the rear brake pads, thus ending the production of brake pads bearing the reference 82 01 490 463 (PFC097).

The current stock of PFC 097 being nearly exhausted and Renault Sport Racing paying a close attention to the technical equity in his championships, it has been decided to introduce and make mandatory from now on the use of the replacement reference proposed by our supplier:

**OCIB 898967 ( PFC 332 )**

The 2018 Nomenclature is now as follow:

« Only PFC rear brake pads sold by Renault Sport (engraved) under the following references: OCIB 898967 ( PFC 332 ) and 82 01 490 462( PFC 011 ) are allowed.»

Information:

- The Clio Cup currently produced in our factory are now equipped with these new brake pads,
- The brake pads PFC 332 are of the same quality as the PFC 097
- Any Customer having been delivered of a Clio Cup after 2018/01/01 being equipped with PFC 097 will be supplied of PFC 332 brake pads FOC. (on demand and after a check of the production sheet of the car),
- Any Customer having passed an order of PFC 097 brake pads to our Spare Parts Dpt after 2018/01/01 will be supplied of PFC 332 brake pads FOC (on demand and after a check of the Delivery Note)

Renault Sport Racing  
Vehicle Design Department / Customer Racing