

REFERENCE	BT_2015_FR20_1_UK
DATE	March 3rd, 2015
SUBJECT	Headrest pin strip, 2015 engine mapping, new oil pressure sensor, steering wheel quick release
PART	Headrest, ECU, Oil pressure sensor, steering wheel quick release

**1. New official headrest pin strip MANDATORY**

A new official "PULL" headrest pin strip, made in anodized aluminum, has been released under the reference 77 11 166 923.



This strip, mandatory from 2015, is the only "PULL" strip allowed to release the headrest pin.

This strip must be present on both sides of the headrest.

**2. New ECU software including new oil pressure sensor mapping MANDATORY**

A new ECU software has been released for the coming season in order to improve the ECU reliability and the engine management. It includes a new mapping for a new engine oil pressure sensor, which provides better measurement accuracy and consistency,



*Engine oil pressure evo 2015 ref :77 11 166 922*

All FR2.0 ECUs must be reprogrammed by Renault Sport Technologies for the 2015 season with these new ECU software and mapping, release called **2015.1**, following the program schedule detailed later on. The reprogrammed ECU will then be identified by the related sticker as shown below



*ECU release 2015.1 sticker*

**Important cautions:**

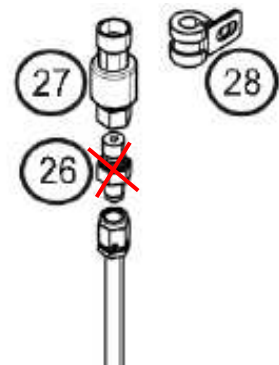
- The new engine mapping release 2015.1 is only compatible with the new engine oil pressure evo 2015 (ref: 77 11 166 922). Consequently, the previous oil pressure sensors (ref: 77 11 160 027 & ref: 77 11 166 756) are unusable and forbidden on the cars from the 2015 season.
- The new oil pressure sensor evo 2015 (ref: 77 11 166 922) is released with a Deutsch AS connector and is consequently only compatible with the engine loom evo 2 (ref: 77 11 166 750) and the engine loom evo 2014 (ref: 77 11 168 074).  
The genuine engine loom 2010 (ref: 77 11 166 010) and all related sensors and actuators (old connectors) are unusable and forbidden on the cars from the 2015 season (**please refer to the 2015 Nomenclature**)

**REMINDERS: FORBIDDEN FROM 2015**

- Oil pressure sensors ref: 77 11 160 027 & ref: 77 11 166 756
- Engine loom 2010 ref: 77 11 166 010
- All related sensors and actuators linked to the engine loom 2010 spec (please refer to the nomenclature)

**Mounting recommendations:**

The new sensor has to be mounted directly on the oil pressure measurement pipe (ref: 77 11 166 092) removing the adaptor n°26 (ref: 77 11 166 048)



**ECU programming schedule and parts supply:**

The ECUs can be updated either on track or in the Renault Sport Technologies headquarter following the different scenarios below:

- On track by RST technical support during:
  - All Eurocup collective tests from Motorland CT the March 18<sup>th</sup> afternoon
  - Hockenheim NEC collective test on the March 23<sup>rd</sup> afternoon
  - Imola ALPS race meeting on the April 9<sup>th</sup> afternoon
- In Renault Sport headquarter from the March 30<sup>th</sup>
  - Before sending the ECUs, please check the leading time of the program by contacting Guillaume ARGY ([guillaume.argy-renexter@renault.com](mailto:guillaume.argy-renexter@renault.com), tel: +33 (0)6 84 93 86 46)

The new oil pressure sensor will be available under the reference 77 11 166 922 from the March 16<sup>th</sup> from the Alpine spare parts department.

For the Motorland Eurocup collective tests, the Alpine spare parts truck is bringing a sufficient amount of new oil pressure sensors for upgrading all the Eurocup cars on track.

Before proceeding to the ECU program, please secure the supply time of the new engine oil pressure sensor and check the engine loom version of your car in order to fit to the new 2015 ECU mapping.

**3. Steering wheel quick release hub REMINDER**

Following the detection of a weak point into several batches of quick release hub in 2010, an upgraded version has been released at the time to solve the issue.

However, following a recent failure occurrence, it is reminded that the steering quick release hubs ref: F1910807 which are identified by the six following batch numbers **MUST** be replaced by new ones:

- Lot 7044
- Lot 8987
- Lot 9662
- Lot 10699
- Lot 13135
- Lot 16445

