

SEAT LEON CUP RACER 2016

TECHNICAL NOTE 12/2016

ENGINE ECU UPDATE FOR FIA FT3 FUEL TANK AND DSG GEARBOX

SEAT Sport reminds that as informed on the previous **NT_04_16_ELECTRONIC_UPDATES** Technical Note, for those customers updating their DSG cars with the 2016 FIA FT3 Fuel tank (Kit 2), have to reprogram their Engine ECU. Be aware, because this update only works if the customer has replaced the old plastic PWM by the new metallic one (**4F1906093C**).

This update can be done by customers using the diagnostics tool DiagRA-LE. Following we explain the procedure about how to do it.

Procedure

- 1- Connect the OBD diagnostics interface to the connector on the co-driver side.
- 2- Connect the Main Switch and the Ignition Switch.
- 3- Start the tool DiagRA-LE on the laptop. You have to be sure that your software is updated to the latest Version 3.7.282.0 / 2.04 (at least).
- 4- On the starting window, select Self-Diagnosis / Analysis mode.

Disore DiagRA-LE 3.7 Limited Edition	nliara
	Self-Diagnosis Automatic mode
	Self-Diagnosis Analysis mode
SPORT	Documentation Settings
SEAT Leon Cup Racer	About program
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Version 3.7 (Build 282.160508) / 2.04	EN 💎 30/06/2015 13+17+51



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5- Select on the first label 01 Engine Control Module and on the second label

001 – ECU identification, and click **Start** button.

Once you are connected the current values will be shown as in the following picture (the values in red may be different).

0

Stop

ID / Name		Value
	F187 / VW Spare Part Number	5F6906259
	F189 / VW Application Software Version Number	0003
	F190 / Vehicle Identification Number	SAUMEE5FZ14011601
	F191 / VW ECU Hardware Number	06K907425B
	F197 / VW System Name Or Engine Type	2.0l R4 TFSI

6- Select on the second label the function **Flash programming.** At the new window, on the **Configuration** label select the option **5F6 906 259B_0001** (only 2016 fuel tank).

01 Engine Control Module		
Flash programming		
Encrypted flash files (*.efl)	•	
5F6 906 259 0003	•	
F6 906 259 0003		
5F6 906 259B_ 0001 (only 2016 fuel tank)	0%	
	D1 Engine Control Module Flash programm Encrypted flash files (*.efl) 3F6 906 2590003 F6 906 2590003 F6 906 259B0001 (only 2016 fuel tank)	

7- On the browser, open the file with the same name: FL_5F6906259B_0001 (only 2016 fuel tank).odx.efl. The Start button on the bottom will change to



8- The following message can appear. Please click on **Yes** to start the flashing program.





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9- Wait till the installation will finish (approximately 3 minutes). Once it is finished, this message will appear. Please, click **OK** to finish the process.

>> Flash programming		
File type: Encrysted flash files (* eff)		Elapsed Time: 00:02:12
		Remaining Time: 00:00:00
Configuration: 15+6 906 2538_ 0001 (only 2016 fuel tank)		
File: FL_5F6906259B_0001 (only 2016 fuel tank).odx.efl		an 100 h, av 100 h
10%	10%	100% 100%
Energ finaled Demolard requested Length of Transfer data block 4/95 DominalDemolard Induel Calculareg on existenDevideur Malted Calculareg on existenDevideur Malted Calculareg on existenDevideur Andered DemolardDemolard Induel DemolardDemolard Induel Calculareg of Anafer data block 4/95 DominalDemolard Induel Calculareg on existenDevideur Malted Calculareg of existences of the Source of the Programme gitzte: 00 (3) Programme gitzte: 30.06.16 Programme gitzte: 00 (4) Programme gitzte: 30.06.16 Programme gitzte: 00 (4) Programme gitzte: 30.06.16 Programme gitzte: 00 (4) Programme gitzte: 30.06.16 Programme gitzte: 00 (5) Programme gitzte: 30.06.16 Programm	Information	
an Start an Stop		

- 10-On the second label, select 007 Variant coding. The coding value should be shown automatically but it isn't, please click on the Start button at the upper part of the window.
- 11-Probably, the current coding will be 00 00 00 00 00 00 00 00 00 00 00, make double click on the value and change it to **0B 1D 00 12 24 14 00 08 00 00**. Click **ok**, and the **Write** button on the bottom will turn to green. Click on it.





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12-The new coding value will turn to red colour.

ID / Name		Value
	0600 / VW Coding Value	
	Raw-Data	→ 0B 1D 00 12 24 14 00 08 00 00

13-Close the program and make a complete reset (ignition and main switches) of the car.

For technical issues you must contact:

Aitor Lago Silvestre Technical Department E-mail: <u>extern.Aitor.Lago@seat.es</u> SEAT Sport, S.A.