SUBJECT: GEN2 Engine ECU Update

FSA TYPE: Customer Notification

INTRODUCTION

Dear Authorized Ford Trucks Service,

A decision has been made to implement an FSA for Gen2 and Gen2 MCA vehicles regarding the following issues:

- Oil level warning light not illuminating despite low oil level warning
- Activation of the regulatory DAS function
- Update of the international speed limit
- Resolution of the low urea level error
- Update of the air conditioning fan speed for construction series vehicles
- Resolution of the ECU internal temperature sensor error

For this software to be active on the vehicle, the ECU module must be updated. The update process differs for vehicles with and without the ConnecTruck feature. Details are shared below under sections 1 and 2.

The module that needs to be updated and the latest calibration levels for Gen2 vehicles are provided below.

GEN2				
Part No	**Part Name**	**Vehicle**	**Vehicle PS**	**Calibration Level**
SC46 12A650 AA	ECU	F-MAX F2AS	510PS	P1891_GEN2_400_i70_13L_510PS_E6E_AMT-OD_R12_signedABMFIELD
		F-MAX C2AS – Only for ConnecTruck	510PS	P1891_GEN2_400_i70_13L_510PS_E6E_AMT-OD_C2AS_R12_signedABMFIELD
		F-MAX C4AS – Only for ConnecTruck	510PS	P1891_GEN2_400_i70_13L_510PS_E6E_AMT-OD_C4AS_R12_signedABMFIELD
		F-LINE	510PS	P1891_GEN2_400_i70_13L_510PS_E6E_IHT-AMT-OD_CNT_R12_signedABMFIELD
		F-LINE	450PS	P1891_GEN2_400_i70_13L_450PS_E6E_AMT-DD_R12_signedABMFIELD
		F-LINE	450PS	P1891_GEN2_400_i70_13L_450PS_E6E_AMT-OD_R12_signedABMFIELD
		F-LINE	450PS	P1891_GEN2_400_i70_13L_450PS_E6E_AMT-OD_CNT_SC_R12_signedABMFIELD

| GEN2 MCA				
Part No	**Part Name**	**Vehicle**	**Vehicle PS**	**Calibration Level**
SC46 12A650 AA	ECU	GEN2 MCA F2AS	510PS	P1891_GEN2_500_i70_13L_510PS_E6E_AMT-OD_R10_signedABMFIELD
		GEN2 MCA C2AS – Only for ConnecTruck	510PS	P1891_GEN2_500_i70_13L_510PS_E6E_AMT-OD_C2AS_R10_signedABMFIELD
		GEN2 MCA C4AS – Only for ConnecTruck	510PS	P1891_GEN2_500_i70_13L_510PS_E6E_AMT-OD_C4AS_R10_signedABMFIELD

FSA 202521A:

Service Implementation:

| Labour Code	Labour Name	Time
F3V17 ECUUPDATE	ECU UPDATE via FODIT	0,3 hour

1. The vehicle should be connected using **FODIT**.
2. After launching the program, click the **"Search Module"** button to access the **"Module Selection Menu"** page, where the vehicle modules are listed. On this screen, the operation must be performed on the **ECM module**.


3. After completing the required connection please go to the ECU module and if you see below screen, please click "Scan Vehicle" button. If there is an update for the program, this process could be take 1-10 minutes. Please do not touch to the computer during this process and be sure that internet connection and battery is in good condition.

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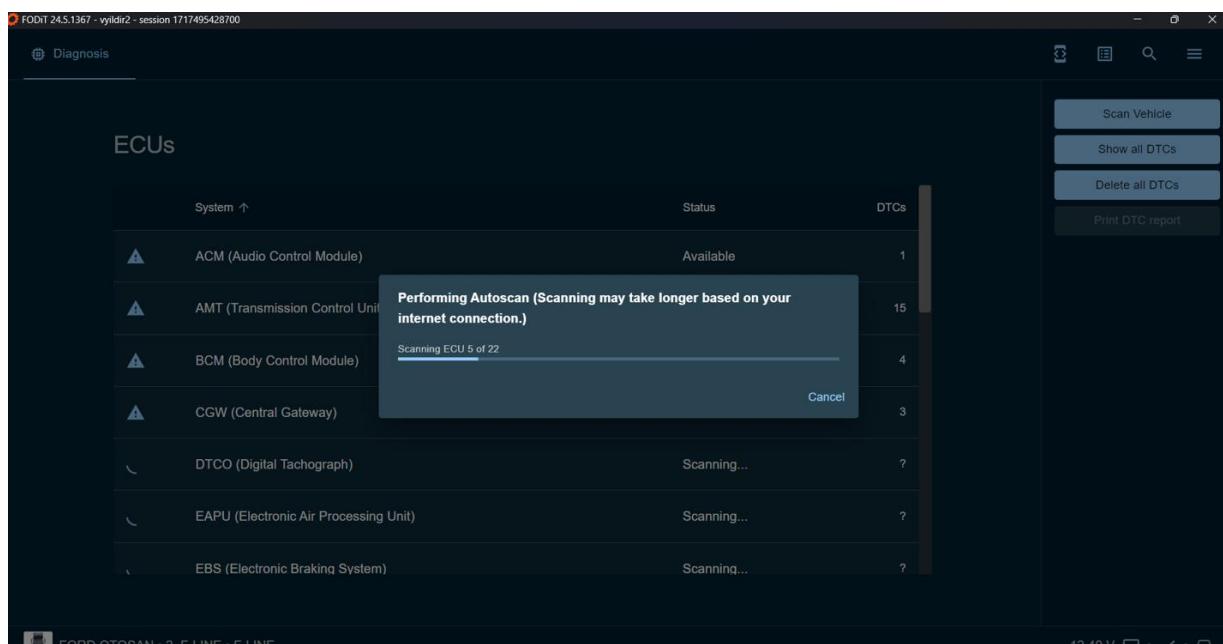
4. Please select "ECM (Engine Control Module)" button.
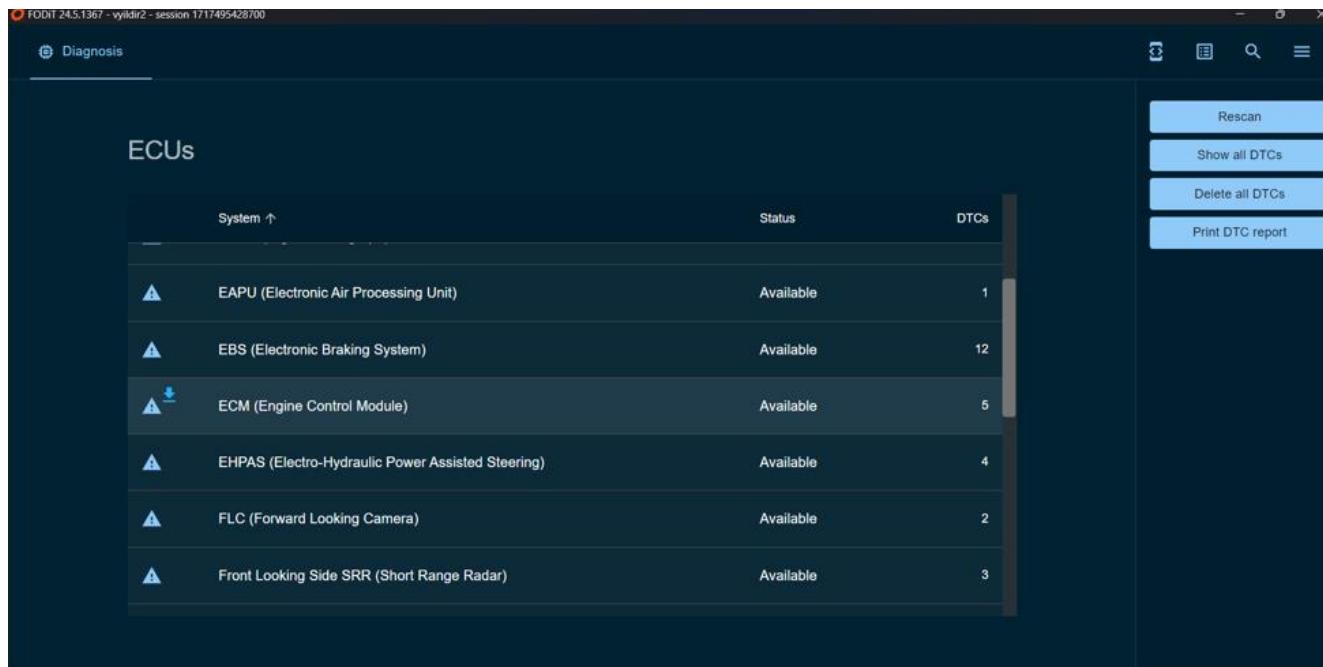
5. Select "Module Programming" button and then press "Run".

6. Select "Start Flashing" button.

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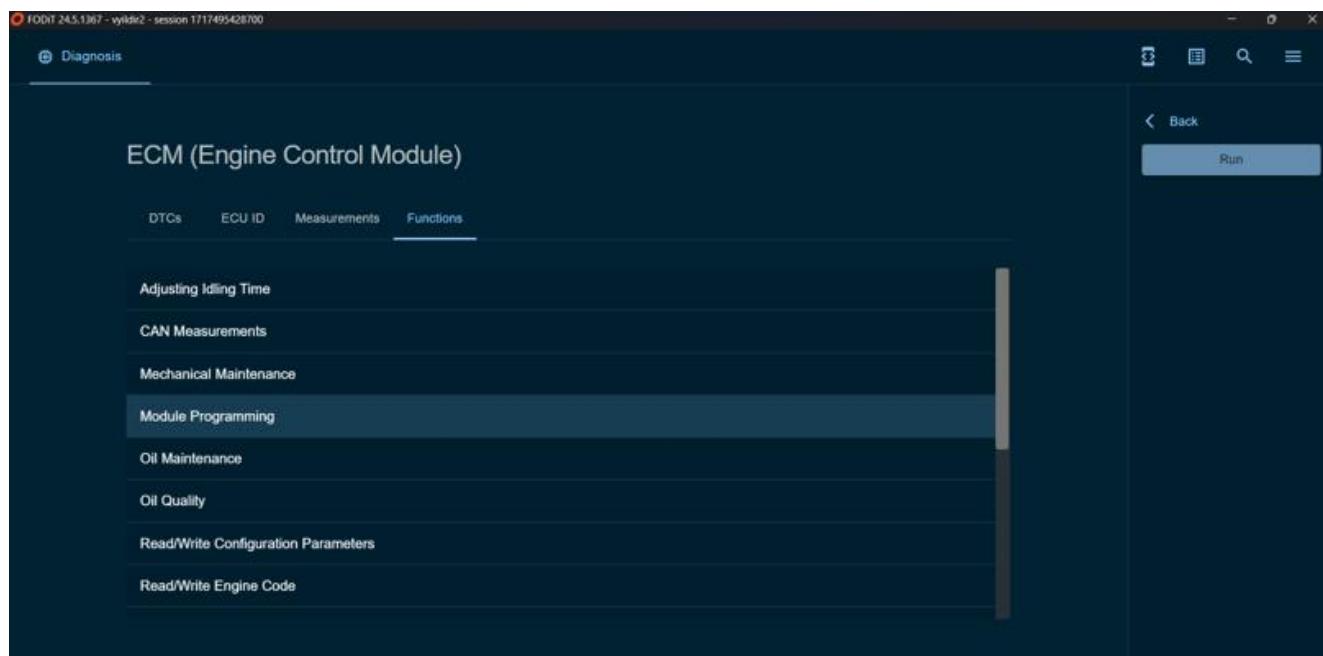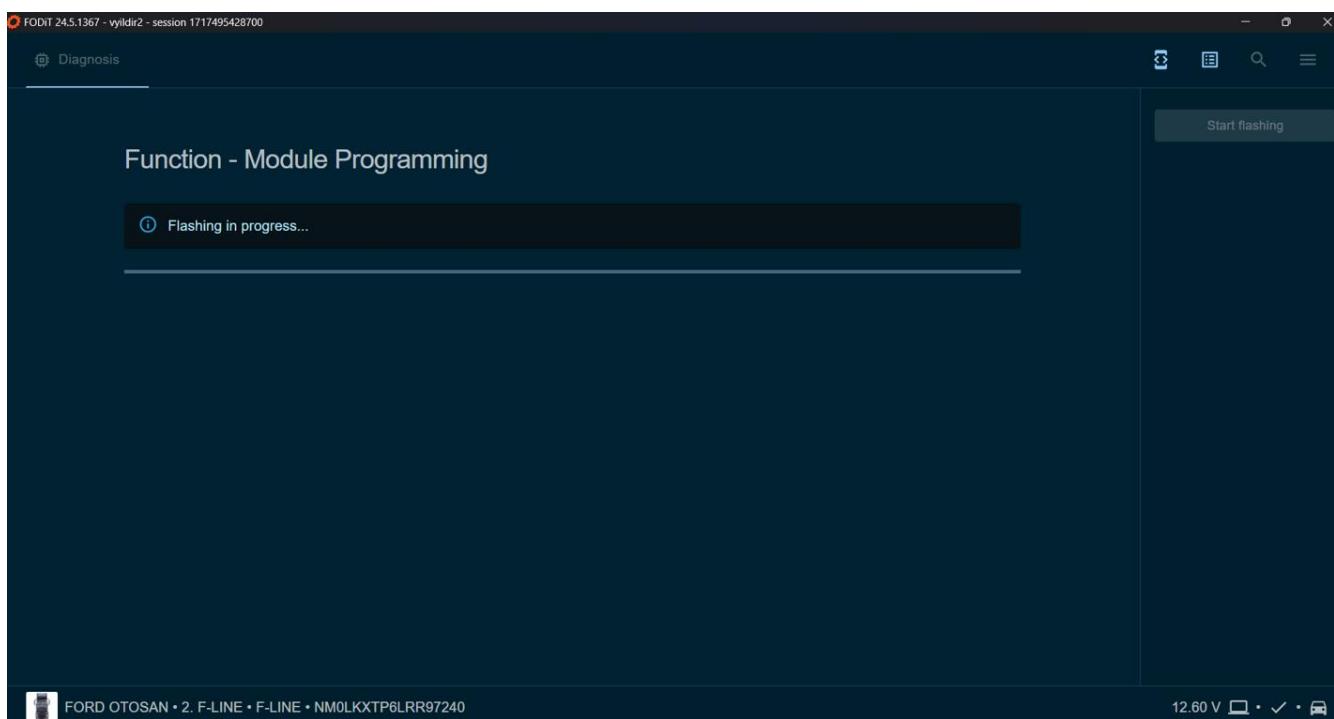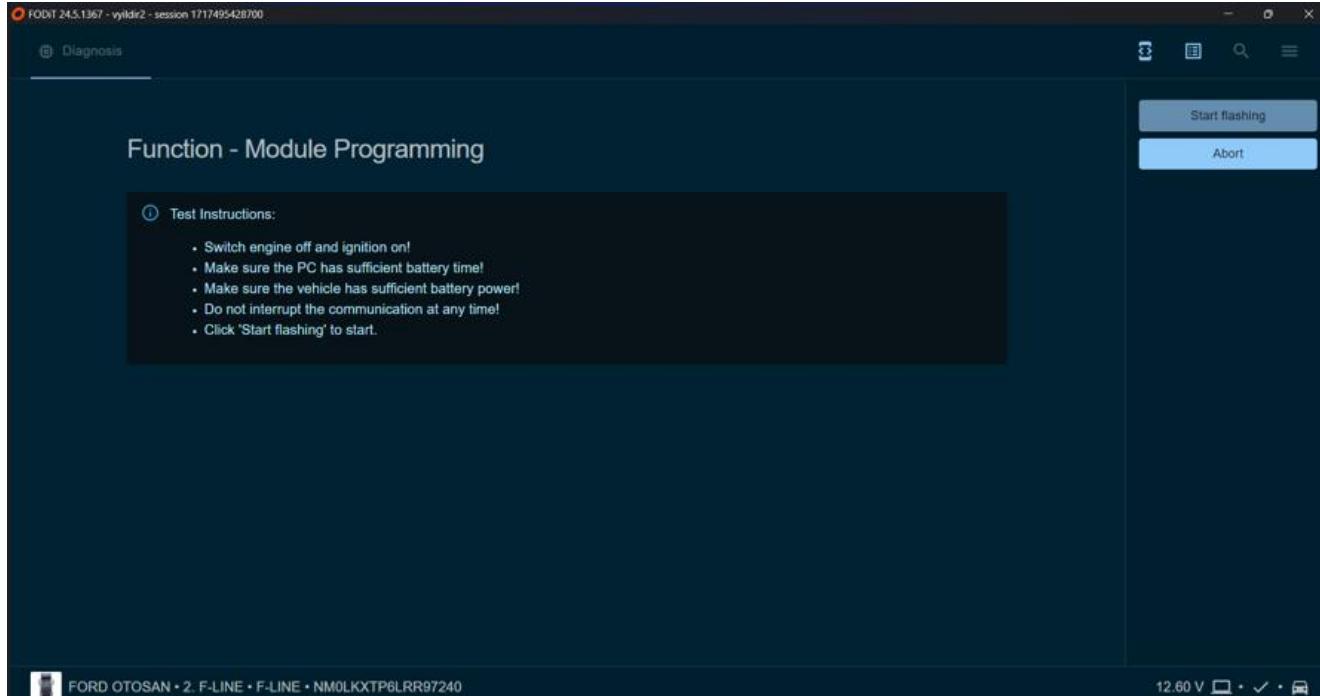
7. If the DTC Disable Routine was not completed, please retry DTC Disable Routine.
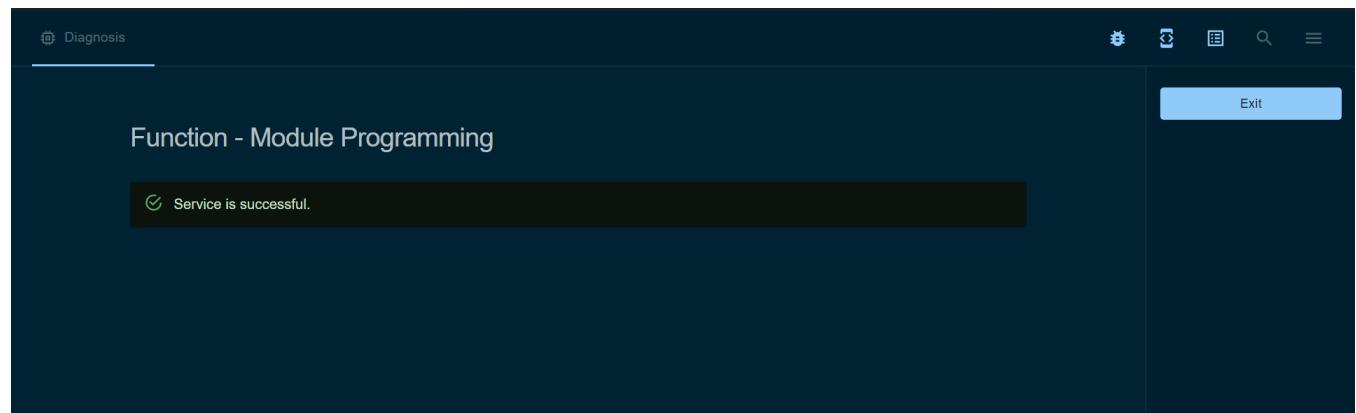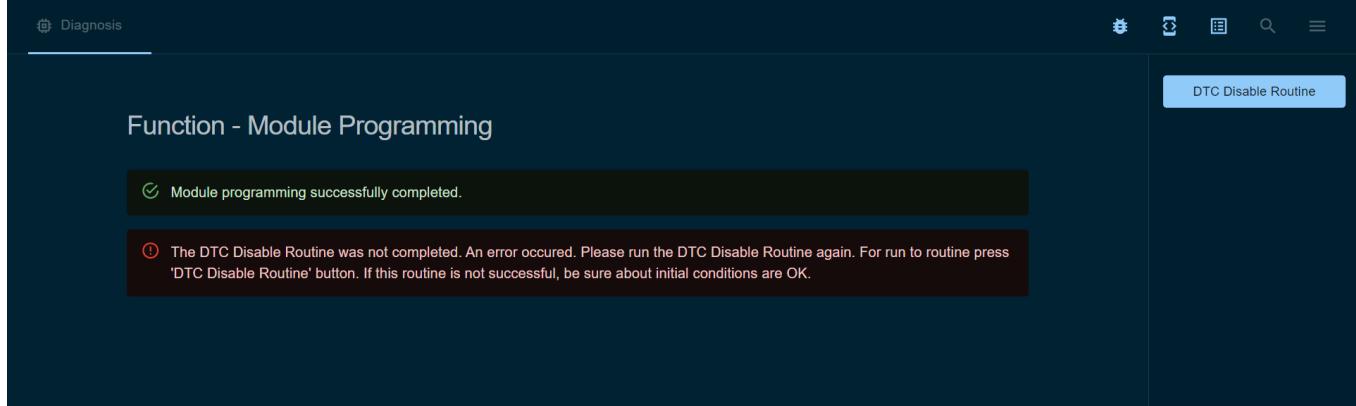
8. After the update process, make sure that the software version has been updated on the module information reading screen.

SUBJECT: GEN2 Engine ECU Update

FSA TYPE: Customer Notification

FSA 202521B:

Labor Code	Labor Name	Time
F3V17 OTAUPDATECHECK	Check for updates via OTA	0,01 hour

The process steps for remote software update process and starting the software update from the vehicle in vehicles with ConnecTruck feature are as follows.

1. In vehicles with ConnecTruck feature, remote software is sent to related vehicles automatically in the background.

2. When the first ignition is switched on after the software is downloaded to the vehicle, the message "New software updates are available" is displayed on the instrument panel.

3. This message will be displayed as a reminder each time the ignition is switched on if the software update process has not been started in the vehicle.

4. In order to start the software update process, it is necessary to enter the "Software Update" submenu under the "Maintenance menu".

5. The related sub-menu shows the number of pending software updates

6. **In order to start the software update, the vehicle is stationary, the parking brake is applied, the ignition is in the 2 position and the engine is not running**, press the "OK" key for 5 seconds and release the OK button when the progress bar is full.

7. Within 1-2 seconds, an information message that the software update is continuing appears on the screen.

8. The software update process may take 5-10 minutes depending on the size of the software involved.

9. In the meantime, information messages on the instrument panel are monitored.

10. While the process is in progress, do not start the engine or turn off the ignition until you see the message "Update successful"

11. If the software update process fails for any reason, the process is terminated with the relevant notification message. In such cases, the software update process can be started from the beginning by following the same steps.

12. If the software update process is successful, the number of pending software updates will be updated after the relevant notification.

The above update successful message will appear on the display panel for 5-15 seconds and will disappear automatically.

13. You can refer to the owner's manual for more information on the software update process.

Best regards,
Ford Trucks Service Engineering

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