

Field Service Application

REFERANS: FSA 202514

DATE:08.08.2025

SUBJECT: Gen 2.0 SCR Efficiency ECU Update

FSA Type: Recall

INTRODUCTION

A new software has been released to solve the SCR efficiency issue (SCREff) observed in Gen2 vehicles. For this software to become active in the vehicle, the ECU module must be updated. The update procedure differs between vehicles with and without the ConneTruck feature. The details are provided below under sections A and B.

The module that needs to be updated and the latest calibration levels for Gen 2.0 vehicles are provided below.

GEN2				
Part No	Part Name	Vehicle	Vehicle PS	Calibration Level to be Updated
SC46 12A650 AA	ECU	F-MAX	510PS	P1891_GEN2_400_i61_13L_510PS_E6E_AMT-OD_R09_v5
		F-LINE	510PS	P1891_GEN2_400_i61_13L_510PS_E6E_IHT-AMT-OD_CNT_R09_v5
		F-LINE	450PS	P1891_GEN2_400_i61_13L_450PS_E6E_AMT-DD_R09_v5
		F-LINE	450PS	P1891_GEN2_400_i61_13L_450PS_E6E_AMT-OD_R09_v5
		F-LINE	450PS	P1891_GEN2_400_i61_13L_450PS_E6E_AMT-OD_CNT_SC_R09_v5

FSA 202514A - If the vehicle does not have the ConneTruck feature:

Labor Code	Labor Operation	Time (h)
FSA 202514A	FSA 202514A ECU MODUL PROGRAMMING (FODIT)	0,3

- The vehicle should be connected using **FODIT**.
- 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 **EMS module**.
- After completing the necessary connection, navigate to the EMS module. If you see the screen shown below, click the “**Update**” button. If an update is available for the program, this process may take **1–10 minutes**. Please do **not interact with the computer** during this time, ensure that the **internet connection** and **battery level** are in good condition.
- The installation will be completed automatically. Please follow the on-screen instructions.
- After the update process, make sure that the software version has been updated on the module information reading screen.

Service Application

All vehicles that will receive engine software updates must have the “**DTC Disable Routine**” service performed after the software update is completed.

The steps for applying the DTC Disable Routine are shown below:

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1- From the FODiT, the “ECM (Engine Control Module) / Functions” screen should be accessed and the “DTC Disable Routine” selected.

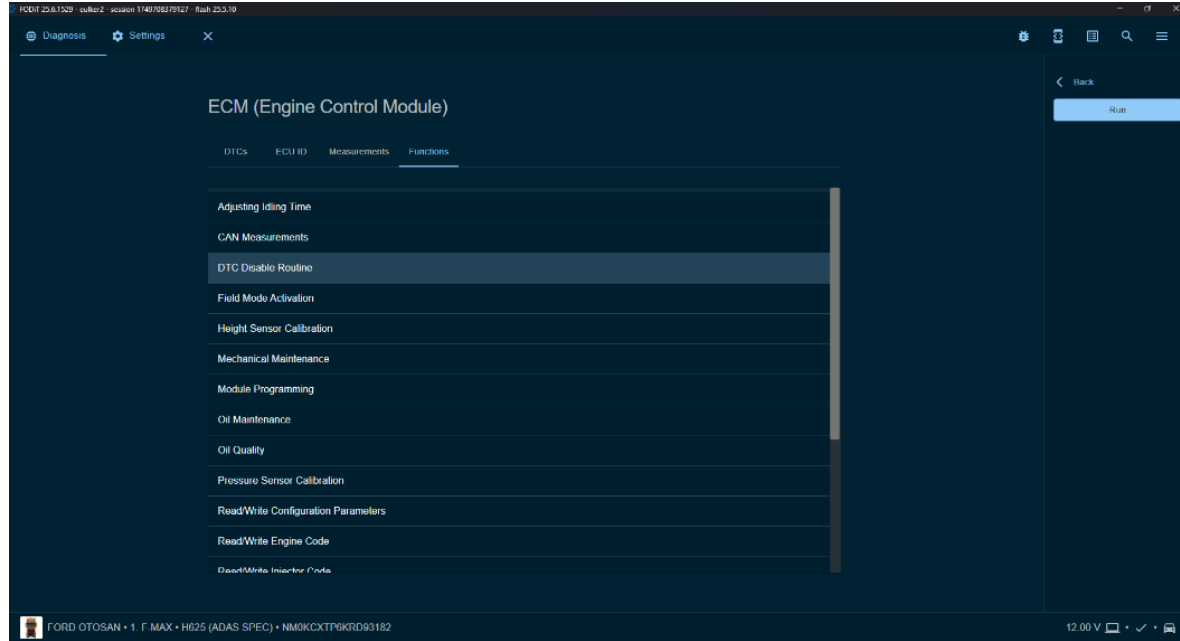


Image 1 – FODiT “ECM (Engine Control Module) / Functions” Screen

2- On the opened FODiT “Function - DTC Disable Routine” screen, the “Apply” option should be pressed.



Image 2 – FODiT “Function - DTC Disable Routine” Screen

3- When the “DTC Disable Routine” is completed, the message “Service is successful” indicating the operation was successful will be displayed on the screen.

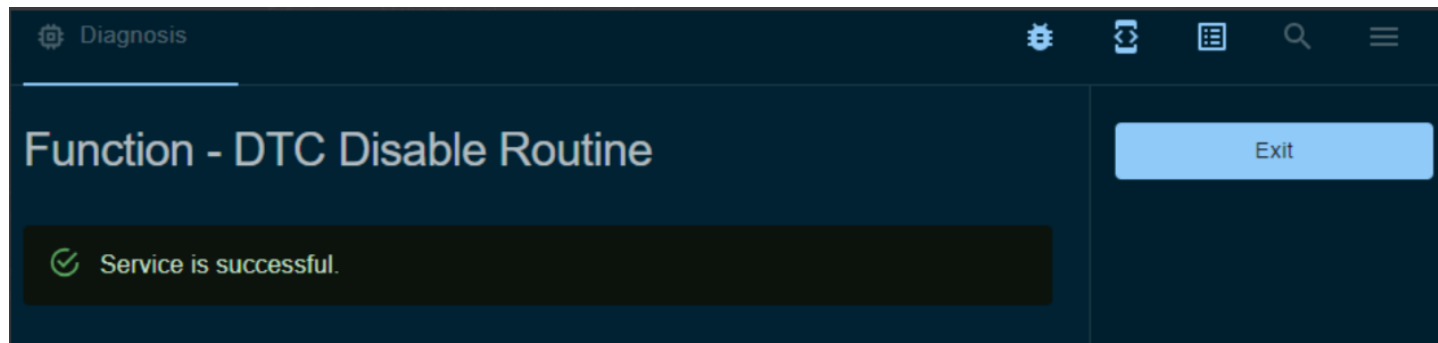


Figure 3 - FODiT “Function - DTC Disable Routine” Screen - Successfully Completed Operation Screen

If an ECAS error is present before running the “DTC Disable Routine” service, the related error will be cleared after the “DTC Disable Routine” service is completed.

If the error is not resolved after the service, please follow the DTC repair actions.

FSA 202514B - If the vehicle have the ConnecTruck feature:

Labor Code	Labor Operation	Time (h)
FSA 202514B	FSA 202514B ECU MODUL PROGRAMMING (OTA)	0,01

- In the “Maintenance” menu on the cluster, under “Software Update”, the number of new software updates will appear as “1”.
- On this screen, the “OK” button should be held down, and the update installation should be awaited.
- Once the update is complete, a pop-up notification will appear on the cluster.

Note: The ignition should not be turned off until the “Update Completed” message is displayed.

Important Considerations:

- The engine must be off and the vehicle speed must be “0”
- Battery level must be above 60% (more than 3 bars on the cluster display)
- The parking brake must be engaged
- The ignition must not be turned off during the update process

Best Regards

Ford Trucks Product Development Engineering