



HYUNDAI Technical Service Bulletin

GROUP CAMPAIGN	NUMBER 22-01-039H
DATE DECEMBER 2022	MODEL(S) NEXO (FE)

SUBJECT: CSP SOFTWARE UPDATE FOR THE STACK COOLANT PUMP
(SERVICE CAMPAIGN T7K)

★ IMPORTANT

*** Dealer Stock and Retail Vehicles ***

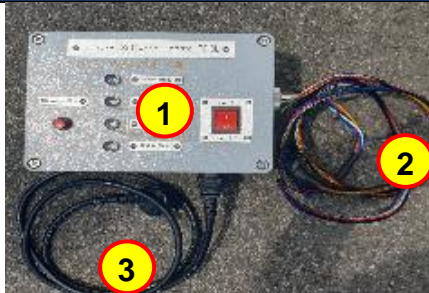
Dealers must perform this Service Campaign on all affected vehicles prior to customer retail delivery and whenever an affected vehicle is in the shop for any maintenance or repair.

When a vehicle arrives at the Service Department, access the "Vehicle Information" screen (VIS) via WEBDCS to identify open Campaigns.

Description: Certain Nexo vehicles may experience a stack coolant warning light while driving. The logic update provides real-time current sensor deviation correction.

Applicable Vehicles: Certain 2021MY Nexo (FE) vehicles produced from 3/22/2021 to 5/4/2021.

Parts Information:

PART NAME	PART NUMBER	FIGURE	NOTES
FE CSP Software Update Tool	No Part Number		1. Software update tool. 2. Low voltage update cable 3. 110 ~ 220 volt power cable Update tool will be shipped to certified 'Nexo' dealers and must be returned after all vehicles in the campaign are completed.

Warranty Information:

MODEL	OP CODE	OPERATION	OP TIME	CAUSAL PART	NATURE CODE	CAUSE CODE
Nexo (FE)	10D182R0	CSP S/W UPDATE	0.3 M/H	25811-M5000	I3A	ZZ3

NOTE 1: Submit Claim on Campaign Claim Entry Screen

NOTE 2: If a part that is not covered by this campaign is found in need of replacement while performing this campaign and the affected part is still under warranty, submit a separate claim using the same repair order. If the affected part is out of warranty, submit a Prior Approval request for goodwill consideration prior to performing the work.

i Information

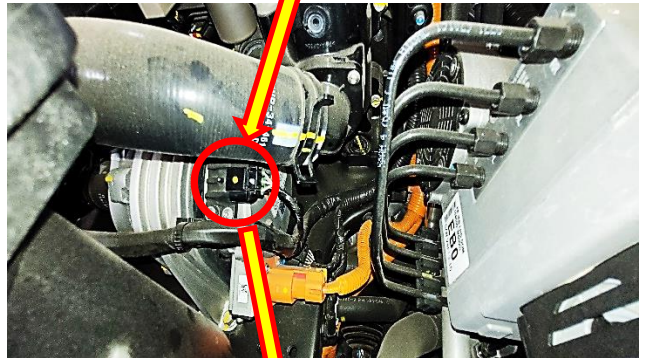
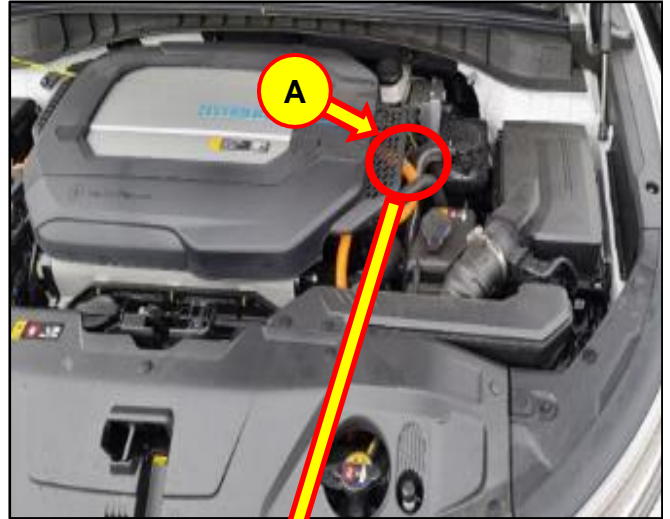
- The TSB repair procedure **MUST** be performed at an authorized Hyundai NEXO fuel cell vehicle dealer and by a Hyundai Expert (or above level) technician who has successfully completed the Fuel Cell Electric Vehicle Training Instructor Led Training course (SVCHFCEVTRAIN222_1097).

Service Procedure:

1. Open the hood of the vehicle.
2. Disconnect the (CSP) low voltage connector (A) from the stack coolant pump.

i Information

- The CSP connector is located just below the stack coolant pump outlet hose.



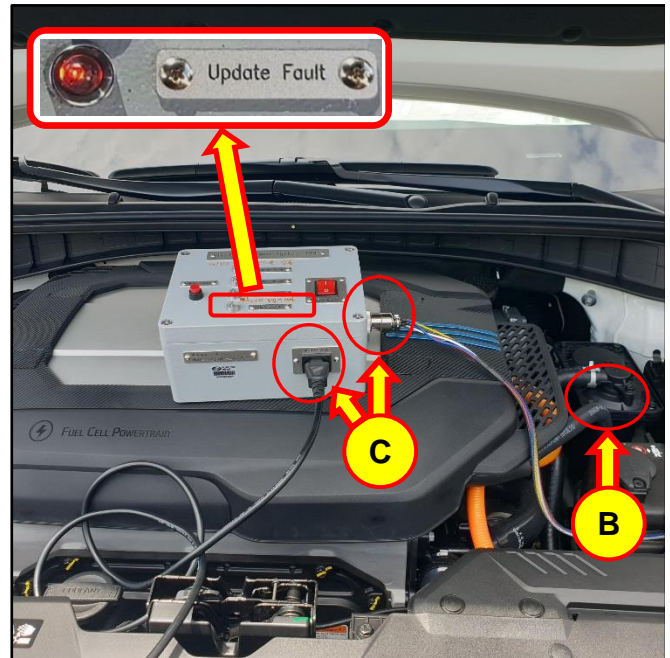
3. Attach the low voltage update cable (B) to the connector on the stack coolant pump.
4. Before updating the CSP software, ensure the cables are fully connected (C).

i Information

- If the cables are not properly fastened, then the update fault lamp may illuminate, and the update will fail

NOTICE

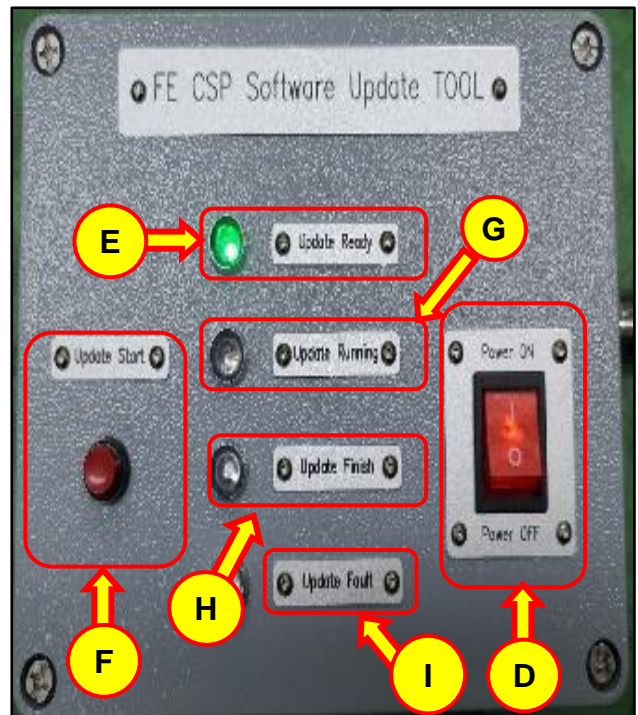
Ensure the vehicle is turned OFF and remains OFF while performing this CSP software update to avoid interruption of the update and possible software corruption.



5. Connect the power cable of the FE CSP Software Update Tool to a 110V AC power outlet.
6. Turn on the power switch (D) on the FE CSP Software Update Tool and ensure that the **Update Ready** light (E) is illuminated.
7. Push the **Update Start** button (F) twice to begin the update.

i Information

- The **Update Running** light (G) will be illuminated during the update.
- The update will approximately take 3-5 minutes to complete.



8. The **Update Finish** light (H) will illuminate when the software update is complete.

If the **Update Fault** light (I) illuminates, recheck the connections and retry the update. After retrying the update and the fault light continues to illuminate, contact Hyundai Techline.

9. Turn off the power switch on the FE CSP Software Update Tool.
10. Remove the software update tool connectors and reconnect the stack coolant pump low voltage connector to the stack coolant pump.
11. The update procedure is complete.