



HYUNDAI
Technical Service Bulletin

GROUP RECALL	NUMBER 20-01-048H
DATE December, 2020	MODEL(S) Kona EV (OS EV) Nexo (FE)

SUBJECT: DTC C240201 LOGIC IMPROVEMENT
 (RECALL CAMPAIGN 199)

*** IMPORTANT**

***** Dealer Stock and Retail Vehicles *****

Dealers must perform this Recall 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 Hyundai Motor America’s “Warranty Vehicle Information screen (VIS)” via WEBDCS to identify open Campaigns.

Description: Certain Kona EV (OS EV) and Nexo (FE) vehicles are equipped with an Integrated Electronic Brake (“IEB”) system that might illuminate the malfunction indicator lamp (“MIL”) and significantly reduce braking performance upon detection of DTC C240201. This bulletin describes the procedure to update the IEB system with revised software to improve braking performance if DTC C240201 is detected.



Applicable Vehicles:
Certain 2019-2021MY Kona EV (OS EV) and 2019-2020MY Nexo (FE)

GDS Information:

EVENT #	DESCRIPTION
648 (or later compatible event)*	FE: "648.FE - IEB C240201 DTC IMPROVEMENT(ESC)"
649 (or later compatible event)*	OS EV: "649.OS EV - IEB C240201 DTC IMPROVEMENT(ESC)"

* Use the latest event that appears in the ESC Auto Mode event list for the particular vehicle

ROM ID Table:

Model	System	IEB P/N	ROM ID	
			OLD	NEW
Nexo (FE)	ESC (IEB)	58520-M5000	1.00	3.12
			1.01	
			1.02	
			1.03	
			1.04	
			1.05	
			2.06	
			2.07	
			2.08	
			3.09	
			3.10	
Kona EV (OS)		58520-K4000	1.00	2.12
			1.01	
			1.02	
			1.03	
			1.04	
			1.05	
			2.06	
			2.07	
			2.09	
			2.10	
			2.00	

Manual Mode Password Information Table:

EVENT #	MENU	PASSWORD
648 - FE	FE ESC 58520-M5000	5000
649 - OS EV	OS EV ESC 58520-K4000	4000

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Kona EV (OS EV)	01D102R3	ESC Upgrade	0.3	58520-K4000	I3A	ZZ3
Nexo (FE)	01D102R2			58520-M5000		

NOTE 1: Submit Claim on Campaign Claim Entry Screen

NOTE 2: If a part is found in need of replacement while performing Recall 199 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.

Service Procedure:

NOTICE

This Service Procedure is performed using GDS-mobile. For update information and general precautions, please refer to TSB #15-GI-001.

Manual mode should only be performed when the Auto update fails.

If the auto update fails, turn the ignition OFF for 10 seconds, then back ON again to reset the control unit before performing the manual update.

1. Select ECU Upgrade.
2. Select ABS/ESC as the system to update.
3. Check the current version of the ABS/ESC ROM ID and compare it to the ROM ID Information Table listed above before attempting to update the ABS/ESC system.
4. Perform GDS software update. Refer to TSB 15-GI-001 for the tablet-based Mobile GDS ECU update procedures.
5. After the software has updated, check for Diagnostic Trouble Codes in the ALL menus and erase any DTCs.