

**HYUNDAI**  
**Technical Service Bulletin**

GROUP <b>CAMPAIGN</b>	NUMBER <b>25-01-006H</b>
DATE <b>FEBRUARY 2025</b>	MODEL(S) <b>KONA (SX2)</b>

**SUBJECT:** FRONT CAMERA SOFTWARE UPDATE FOR FCA & LKA LOGIC IMPROVEMENT (SERVICE CAMPAIGN TCF)

This TSB supersedes 24-01-077H to revise the new ROM ID to 1.08 on page 2.

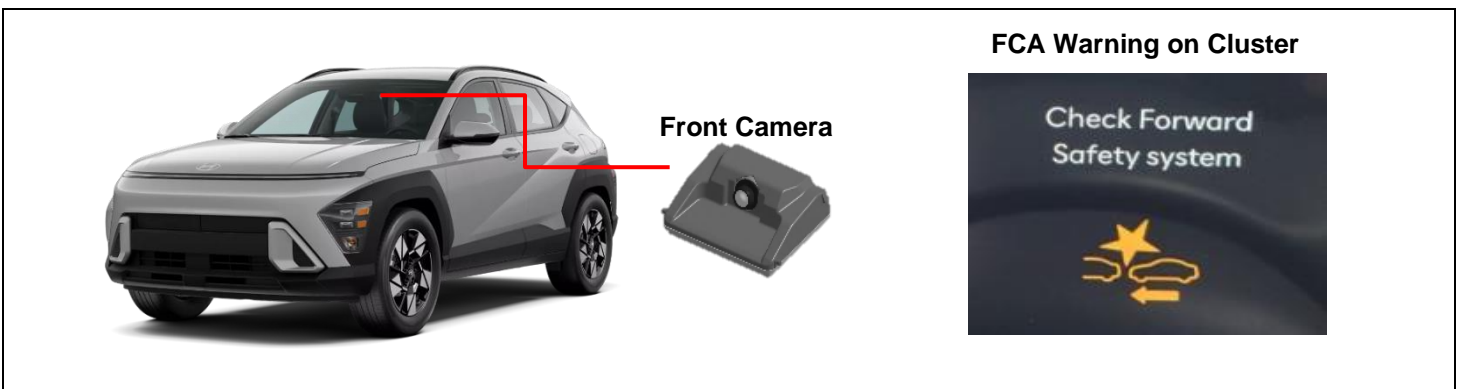
**★ IMPORTANT**

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.

Access the “Vehicle Information” screen via WebDCS to identify open campaigns.

**Description:** Certain Kona (SX2) vehicles may exhibit a warning light ON in the cluster related to the “Check Forward Safety system” due to software intended from an alternate region. A software update is available for the Front Camera system to update logic in the Forward Collision Avoidance (FCA) and Lane Keeping Assist (LKA) functions.

Advanced Driver Assistance System (ADAS) functions are not affected due to this condition.



**Applicable Vehicles (Certain):**

- 2025MY Kona (SX2) produced 6/3/2024 – 7/19/2024

**GDS Information:**

System	Event #	Description
FR_CMR	1136	SX2 25MY FCA AND LKA LOGIC IMPROVEMENT

(\*or use a later available event as listed in the GDS **FR\_CMR** System Update screen if one is available.)

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

**SUBJECT:**FRONT CAMERA SOFTWARE UPDATE FOR FCA & LKA LOGIC  
IMPROVEMENT (SERVICE CAMPAIGN TCF)**Warranty Information:**

Model	Op. Code	Operation	Op. Time	Casual Part	Nature Code	Cause Code
Kona (SX2)	40D109R0	Front Camera Software Update	0.4 M/H	99211-BE000	I14	ZZ3

**NOTE 1:** Submit claim on Claim Entry Screen as “Campaign” type.

**NOTE 2:** If a part 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.

**NOTE 3:** Op times include VIN, Mileage, and photo capture of the “ECU update complete” screen as outlined in the Digital Documentation Policy.

**ROM ID Information:**

Model	System	ECU Part Number	ROM ID	
			Old	New
Kona (SX2)	FR_CMR	99211-BE000	1.05.00 1.06.00	1.08.00

**SUBJECT:**

FRONT CAMERA SOFTWARE UPDATE FOR FCA & LKA LOGIC IMPROVEMENT (SERVICE CAMPAIGN TCF)

**Service Procedure:**

**STUI**



This TSB includes Repair validation photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

**NOTICE**

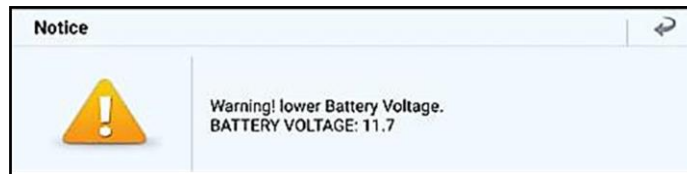
**You must initially perform the GDS ECU update in Auto Mode.**

- If the ECU update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.

**NOTICE**

**GDS Vehicle Battery Low Voltage Warning:**

If voltage is below 12 Volts per the GDS warning, then select **Back** and attach a battery charger to ensure an adequate battery charge for reliable update results. Turn ignition back **ON**, and then retry the ECU update again.



**ECU Update Procedure**

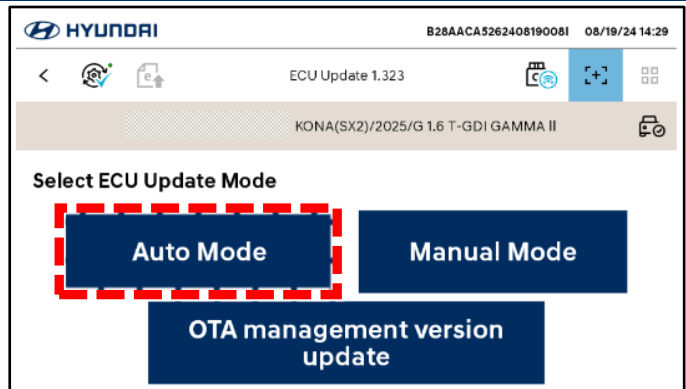
1. Perform the ECU update in **Auto Mode**.

Use the **ID Check** to verify the ROM ID before updating the software.



**Information**

Refer to **TSB 24-GI-012H**, “ECU Update Procedure for Tablet-Based GDS-Smart”, for additional information.



2. Select the **FR\_CM**R system to scan the vehicle's current ROM ID.

**NOTICE**

Check the current ROM ID version and compare it to the ROM ID Information table before attempting to perform the software update.

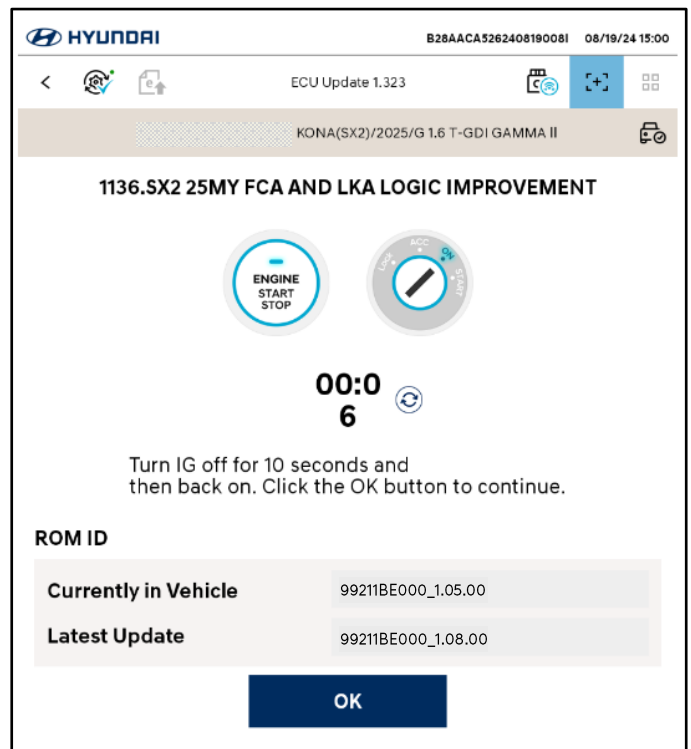
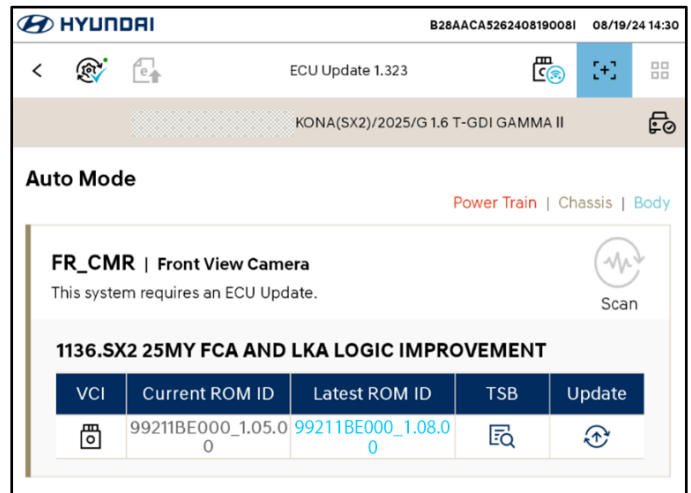
**NOTICE**

If the update fails, please remove the power connector or the battery (-) connector from the indoor fuse box for at least 5 seconds and reassemble it to retry the update.

3. After the ECU update process shows 100% complete, follow the prompts on the screen to cycle the ignition **OFF** for at least **10 seconds** to reset the control unit (certain models may take up to **30 seconds**).

**i Information**

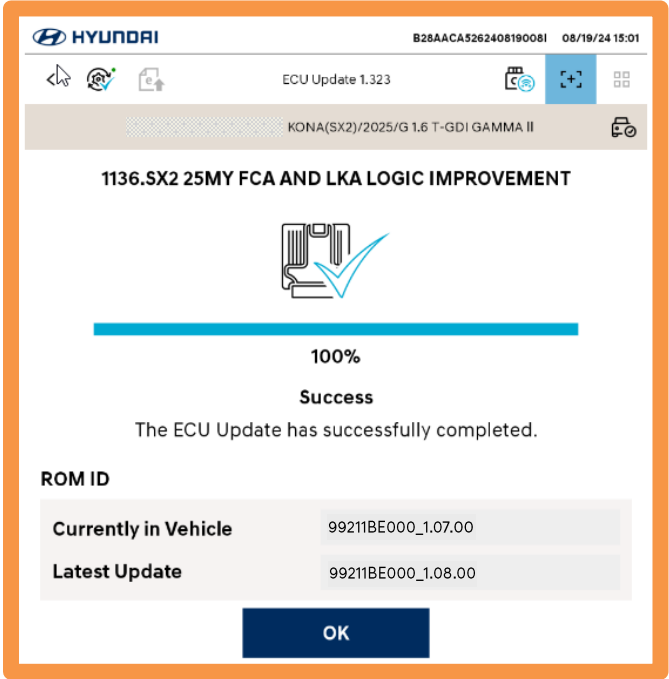
Use the **Refresh** button to reset the timer.



4.

STUI

Take a screenshot of the ECU update complete screen using your tablet and upload to STUI.



5. Perform an **All Systems Fault Code** search and erase DTC history that had incidentally occurred from the ECU update.
6. Start the engine to confirm proper operation of the vehicle.

NOTICE

If the ECU update fails in Auto Mode, perform the update in Manual Mode using the password(s) below.

**Manual Mode Password:**

ECM Menu	Password
SX2 LKA 99211-BE000	0792