



HYUNDAI

Technical Service Bulletin

GROUP CAMPAIGN	NUMBER 26-01-027H
DATE AUGUST 2026	MODEL(S) KONA (OS)

SUBJECT: ECM SOFTWARE UPDATE FOR T-GDI EMISSIONS IMPROVEMENT
(SERVICE CAMPAIGN 9D1)

★ 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.

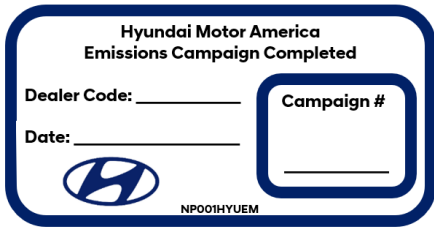
Access the "Vehicle Information" screen via WebDCS to identify open campaigns.

Description: Certain Kona (OS) vehicles equipped with the 1.6T-GDI engine may exhibit elevated engine-out emissions that may not meet engine-out NOx (Nitrogen Oxides) and Particulate Matter (PM) emission standards. This bulletin provides the instructions to update the emission logic within the Engine Control Module (ECM) to improve engine-out NOx and PM emissions within permissible specifications.

Applicable Vehicles (Certain):

Model Year	Model	Engine	Production Dates
2021	Kona (OS)	1.6 T-GDI	05/14/2020 – 03/10/2021

Parts Information:

Model	Part Name	Part Number	Figure	Remarks
Kona (OS)	Emissions Label	NP001-HYUEM		Apply to all vehicles regardless of state.
	Vehicle Emission Recall - Proof of Correction Card	NP050-09006		Order only for states: CA, CO, CT, DE, ME, MD, MA, NJ, NY, OR, PA, RI, VT, WA

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

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SST Information:

Tool Name	Tool Number	Figure	Ordering Information
VCI 3	G0VHNNN06		Website: https://hyundaessentialtools.com/ Email: Hyundaitools@snapon.com Phone: 1-855-763-9199 Hours: 7 AM – 7 PM CST
VCI 2	G1XDDMN001		

NOTE: VCI 2 can **NO** longer be ordered but can be used for the updates in this TSB.

GDS Information:

Model	System	Event Number*	Description
Kona (OS)	ENGINE	1364	OS GAMMA 1.6 T-GDI EMISSION LOGIC IMPROVEMENT

(*or use a later available event listed in the GDS **ENGINE** Update screen if one is available.)

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Kona (OS)	60D013R0	ECM Software Update & Label Application	0.4 M/H	39118-2B819	I11	ZZ3

NOTE 1: Submit a campaign claim on the "Claim Entry/Edit/Submit" screen on WebDCS and attach all required Digital Documentation per TSB to the claim.

NOTE 2: If any part(s) not subject to this TSB are found in need of replacement while performing the repair procedure, and the affected part(s) are still under warranty, the dealer may submit a separate claim using the same repair order. If the part(s) not subject to this TSB are out of warranty coverage, the dealer has the option to submit a PA Request for goodwill consideration on a case-by-case basis.

NOTE 3: This TSB includes repair validation photos. Op times include VIN, mileage, and photo capture of the ECU Update "Success" screen as outlined in the Digital Documentation Policy.

ROM ID Information:

Model	Event	System	ECU Part Number	ROM ID	
				Current	Latest
Kona (OS)	1364	ENGINE	39118-2B819	TOS-1NU06F000H02	TOS-1NU06FF00H02
			39118-2B823	TOS-1NU06F000J02	TOS-1NU06FF00J02
			39118-2B825	TOS-1NU06F000J03	TOS-1NU06FF00J03

Service Procedure:

DIGITAL DOCUMENTATION



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

Ensure the vehicle's battery charge is **≥12.3 Volts** and the tablet's battery charge is **above 30%** before performing a software update, to avoid update failure. Hyundai recommends connecting a battery maintainer/charger when performing **all ECU updates**.

i Information

- Turn **OFF** all lamps (do **NOT** leave head lamp switch in auto mode) and all accessories.
- Perform update with the ignition switch in the **ON** position.
- Do **NOT** disconnect any cables connected to the vehicle or scan tool during the update.
- Do **NOT** start the engine mode during the update.
- Do **NOT** turn **OFF** the ignition switch during the update.

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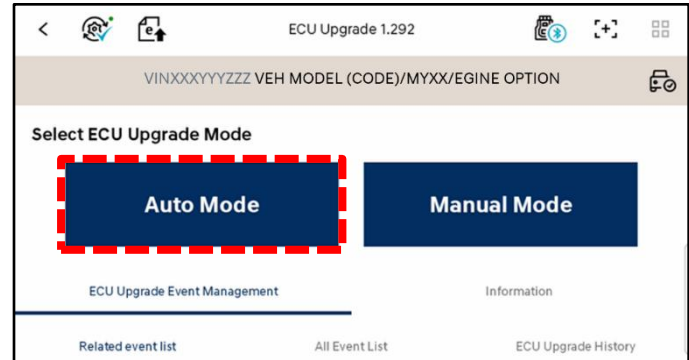
ECU Update Procedure

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



Information

Refer to **TSB # 25-GI-011H**, “**ECU Update Procedure for Tablet-Based GDS-Smart**”, for additional information.



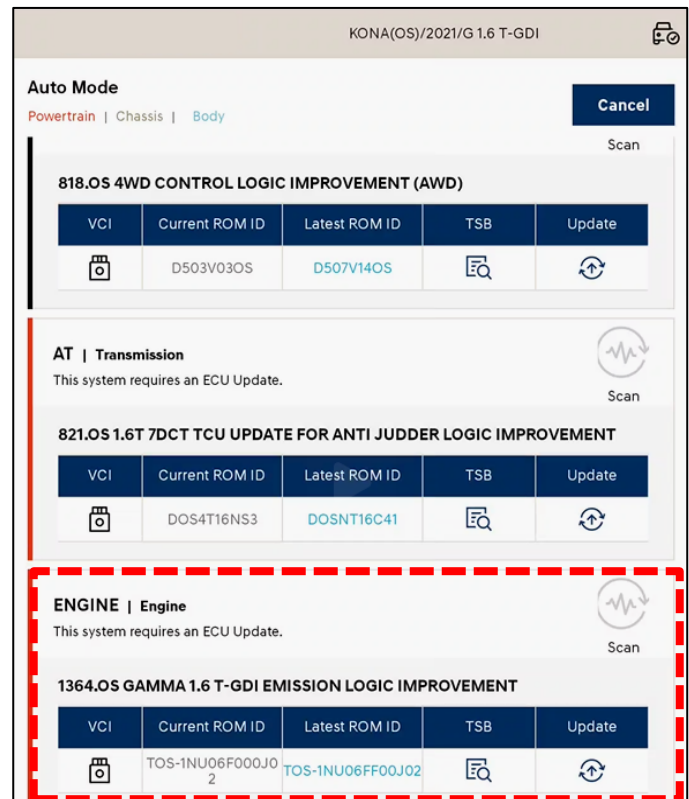
2. Verify the ROM ID by selecting the **ENGINE** system to scan the vehicle's current ROM ID.

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, remove the power connector from the in-cabin fuse box for at least **5 seconds**. Reassemble and retry the update.

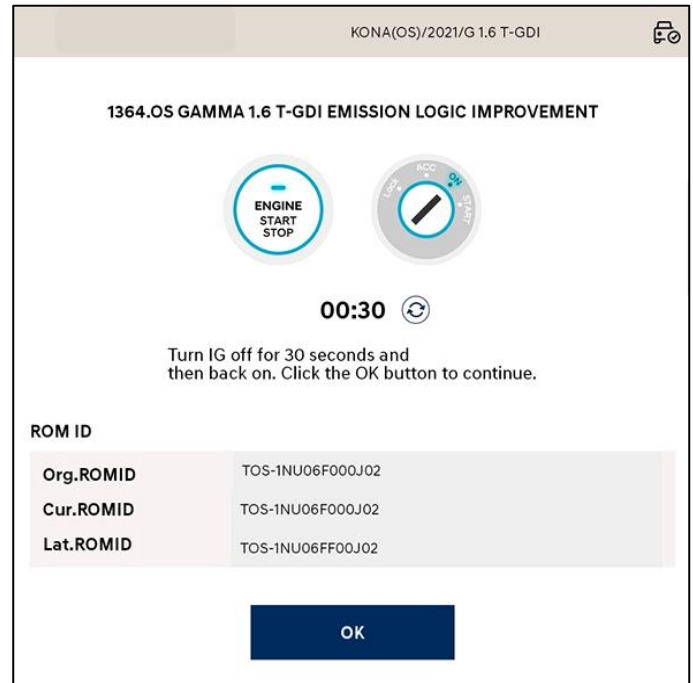


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3. After the ECU update process shows 100% complete, follow the prompts on the screen to cycle the ignition **OFF** for at least **10 seconds** to reset the control unit (certain models may take up to **30 seconds**).

**Information**

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



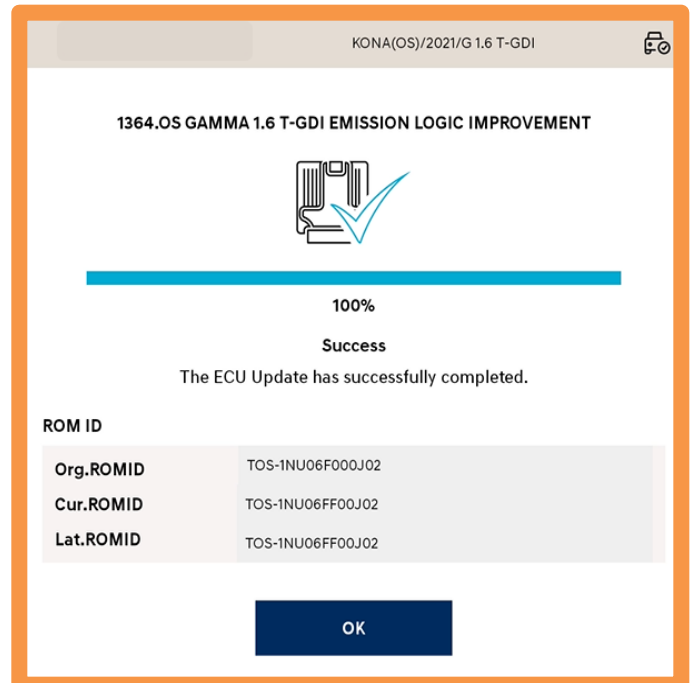
- 4.

**DIGITAL
DOCUMENTATION**

Using the tablet or GDS screen capture function, take a screenshot of the ECU Update "Success" result screen.

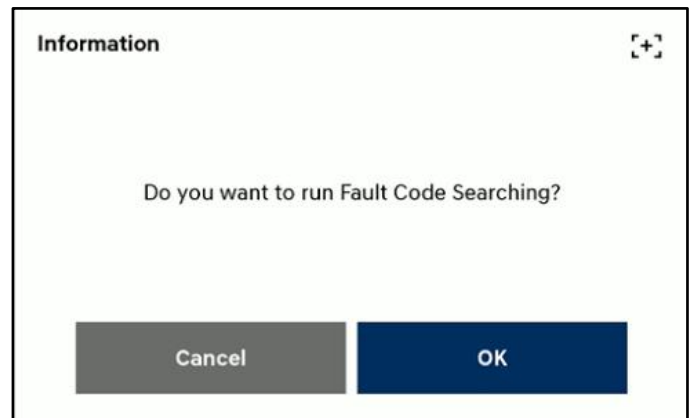
Upload the photo to STUI.

NOTE: The VIN/Date/Time/Mileage photo imprint is **NOT** required for GDS screenshots.



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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.
7. Proceed to [Emissions Label Application \(for All Vehicles\)](#) on page 7.

NOTICE

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

Manual Mode Password:

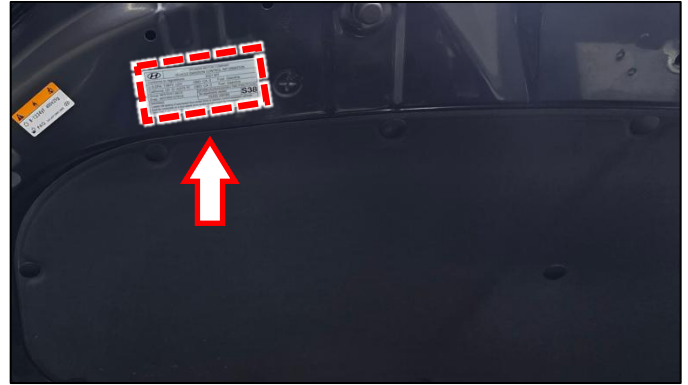
Event	Menu	Password
1364	OS GAMMA 1.6 T-GDI ECU 39118-2B819	9642
	OS GAMMA 1.6 T-GDI ECU 39118-2B823	9477
	OS GAMMA 1.6 T-GDI ECU 39118-2B825	4339

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Emissions Label Application (for All Vehicles)

1. Fill in the Dealer Code and Date on the Emissions Label, and apply adjacent to the existing label, on the underside of the hood, as shown.

Be sure to clean the mounting surface to ensure proper label adhesion.



- 2.

DIGITAL DOCUMENTATION



Using the STUI camera function, take a photo of the emissions label attached to the vehicle.

Upload the photo to STUI.

NOTE: If the STUI camera function is **NOT** used, write the last 6 digits of the VIN and date of repair on a piece of paper to include in the photo.



3. Proceed to the next section and complete the **Vehicle Emission Recall - Proof of Correction Card** for the states listed.

If **NOT** applicable to your state, the repair process is complete.

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Vehicle Emission Recall – Proof of Correction Card (for Vehicles Registered in Certain States)

For vehicles registered in California, Colorado, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont, and Washington:

VEHICLE EMISSION RECALL - PROOF OF CORRECTION CARD

A Vehicle Emission Recall - Proof of Correction card must be filled out for all vehicles registered in California, Colorado, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont, and Washington. Residents of these states, who own an affected vehicle, will be required to possess a Vehicle Emission Recall - Proof of Correction card as evidence of voluntary service campaign completion, when they apply for vehicle registration renewal.

WHAT TO DO WITH THE CARD:

The Vehicle Emission Recall - Proof of Correction card must be completed by the Dealership's Service Manager using a permanent ink pen. A fine point pen is recommended. When filling in the information, copy the information directly from the vehicle, not from the repair order.

ALL INFORMATION MUST BE PRINTED AND NEAT.

The copy of the card shown below indicates the areas to be filled in. Each area must be filled in.

A completed Vehicle Emission Recall - Proof of Correction card should be given to the owner of the vehicle upon completion of the campaign.

1. Enter Vehicle's License Number
2. Enter "Hyundai"
3. Enter Model Year
4. Enter Model (e.g. Kona)
5. Enter the vehicle's VIN
6. Enter Campaign Number – 9D1
7. Enter Dealership Name
8. Enter Dealership's Address
NOTE: Enter the physical address, not the mailing address (not a P.O. Box)
9. Enter Date of Repair
10. Service Manager Sign Here

Vehicle Emission Recall – Proof of Correction									
License No.	Make	Model Year	Body Type	Vehicle Identification Number					
1	2	3	4				5		
Manufacturer:			2	Recall Number:			6		
The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws.									
Dealer's Name			Address, City, State and Zip						
7			8						
Date			Dealership's Authorized Signature						
9			x 10						
Return this certificate to DMV only when required – otherwise retain for your records.									
NP050-09006 8/14									