

 HYUNDAI
Technical Service Bulletin

GROUP

BODY ELECTRICAL

NUMBER

25-BE-008H

DATE

APRIL 2025

MODEL(S)

SEE BELOW

SUBJECT:

**12-INCH INSTRUMENT CLUSTER MODULE SOFTWARE
VERIFICATION AND MILEAGE WRITING**

Description: Certain vehicles (See Applicable Vehicles List below) equipped with the 12-inch instrument cluster display and separate Instrument Cluster Module require software verification **PRIOR** to odometer mileage writing. If the Cluster Module does not have the latest software, the incorrect mileage may be written to the new module. This bulletin provides information to confirm the Instrument Cluster Module is equipped with the latest software version prior to using the GDS tablet to write the odometer mileage.

Applicable Vehicles Equipped with 12-inch Instrument Cluster Display + Cluster Module (Certain):

- 2025MY IONIQ 5 N (NE EV N)
- 2024-2025MY Kona (SX2)
- 2024-2025MY Kona Electric (SX2 EV)
- 2025MY Santa Cruz (NXT)
- 2024-2025MY Santa Fe (MX5A)
- 2024-2025MY Santa Fe Hybrid (MX5A HEV)
- 2024-2025MY Sonata (DN8)
- 2024-2025MY Sonata Hybrid (DN8 HEV)
- 2025MY Tucson (NX4/NX4A/NX4M)
- 2025MY Tucson Hybrid/Plug-in Hybrid (NX4 HEV/PHEV)

Instrument Cluster Module



NOTICE

Any affected IONIQ vehicles must have repairs performed at IONIQ certified dealers to avoid any potential damage.

Warranty Information:

NOTE 1: Normal Warranty Applies

NOTE 2: Refer to WebLTS for applicable op code(s) and current LTS time.

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

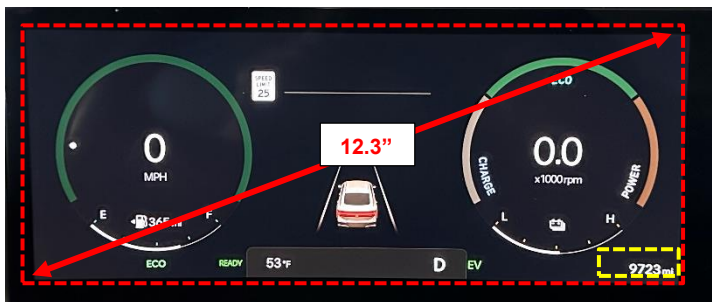
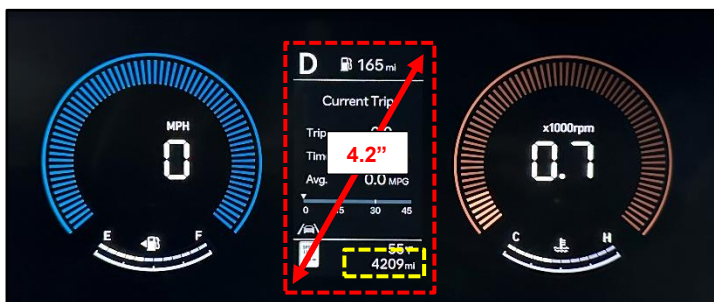
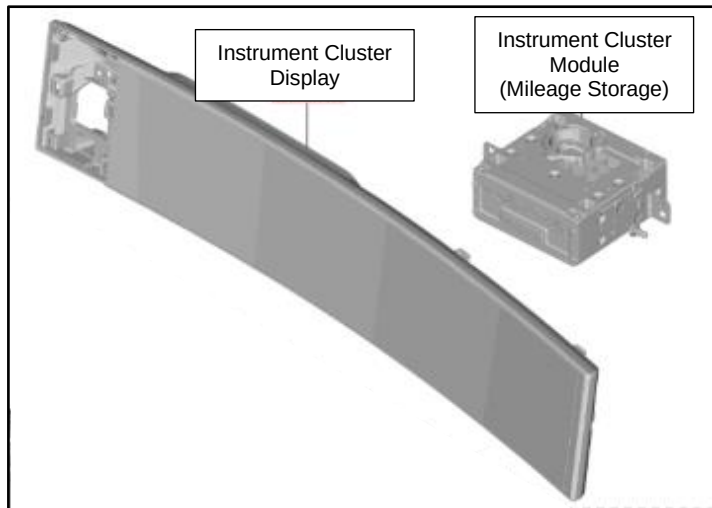
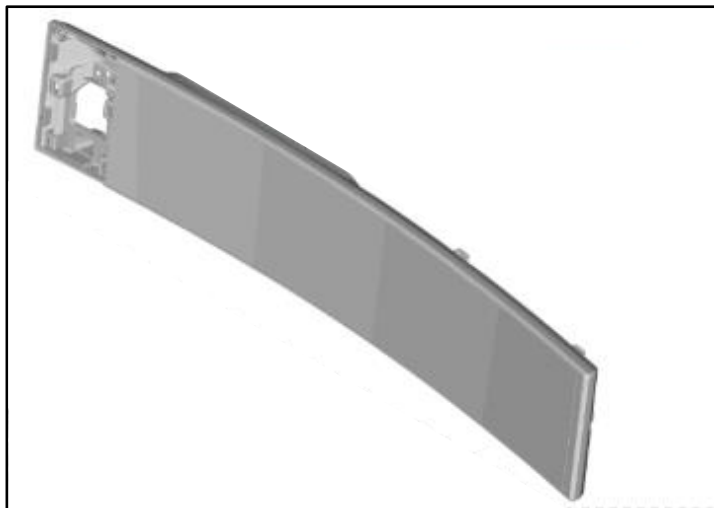
INSTRUMENT CLUSTER / CLUSTER MODULE INFORMATION:

4-inch (LCD screen is center info display only)

12-inch (LCD screen is entire display)

Instrument Cluster Display and Module Integrated

Instrument Cluster Display and Module are Separated



- Display screen is 4.2".
- Mileage display in the middle.

i Information

4-inch Instrument Cluster display does **NOT** require ROM ID software validation and can proceed with GDS mileage writing.

- Display screen is 12.3".
- Mileage display on the lower right corner.
- Mileage is stored in the Instrument Cluster Module not in the display.

i Information

12-inch Instrument Cluster display **REQUIRES** ROM ID software validation before attempting to write the mileage using the GDS.

If the software version does **NOT** match what is listed on the table or newer, then return the cluster module and order another unit.

Instrument Cluster Module ROM ID Information:

Model	MY	Instrument Cluster Module Part Number	ROM ID (Ensure ROM ID is the same or newer before writing the mileage)
IONIQ 5 N (NE EV N)	2025	940C3-NI100	CP12_M.MCU.HMC.ALL.0000.V008.062.240807*
			CP12_M.AP.HMC.ALL.0000.V008.061.240906*
Kona (SX2)	2024	940C3-BE300	CP12_M.MCU.HMC.ALL.0000.V011.076.240807*
			CP12_M.AP.HMC.ALL.0000.V002.033.241204*
	2025	940C3-BE090	CP12_M.MCU.HMC.ALL.0000.V011.076.240807*
			CP12_M.AP.HMC.ALL.0000.V011.061.240906*
Kona Electric (SX2 EV)	2024	940C3-BF300	CP12_M.MCU.HMC.ALL.0000.V013.076.240807*
			CP12_M.AP.HMC.ALL.0000.V003.049.241204*
	2025	940C3-BF070	CP12_M.MCU.HMC.ALL.0000.V013.076.240807*
			CP12_M.AP.HMC.ALL.0000.V013.061.240906*
Santa Cruz (NXT)	2025	940C3-K5000	CP12_M.MCU.HMC.ALL.0000.V012.092.240806*
			CP12_M.AP.HMC.ALL.0000.V012.083.240905*
Santa Fe (MX5A)	2024-2025	940C3-R6000	CP12_M.MCU.HMC.ALL.0000.V009.062.240807*
Santa Fe Hybrid (MX5A HEV)			CP12_M.AP.HMC.ALL.0000.V009.061.240906*
Sonata (DN8)	2024-2025	940C3-L1020	CP12_M.MCU.HMC.ALL.0000.V003.050.240807*
Sonata Hybrid (DN8 HEV)			CP12_M.AP.HMC.ALL.0000.V003.049.240911*
Tucson (NX4)	2025	940C3-N9000	CP12_M.MCU.HMC.ALL.0000.V010.072.240807*
Tucson Hybrid/ Plug-in Hybrid (NX4K)			CP12_M.AP.HMC.ALL.0000.V010.070.240906*
Tucson (NX4A)		940C3-CW000	CP12_M.MCU.HMC.ALL.0000.V012.085.240806*
			CP12_M.AP.HMC.ALL.0000.V012.083.240905*
Tucson (NX4M)		940C3-HD000	CP12_M.MCU.HMC.ALL.0000.V016.095.240806*
			CP12_M.AP.HMC.ALL.0000.V016.092.240905*

***NOTE:** A newer software version than what is listed above may be equipped with the Instrument Cluster Module. To identify if the software is newer, look at the last 6 digits of the software version.

Example: CP12_M.AP.HMC.ALL.0000.V016.092.240905. The last 6 digit represents 09/05/2024.

Service Procedure:

Instrument Cluster Module Check

1. Identify which Instrument Cluster Display is equipped with the vehicle.
2. If the vehicle is equipped with 4-inch type then proceed with mileage writing.

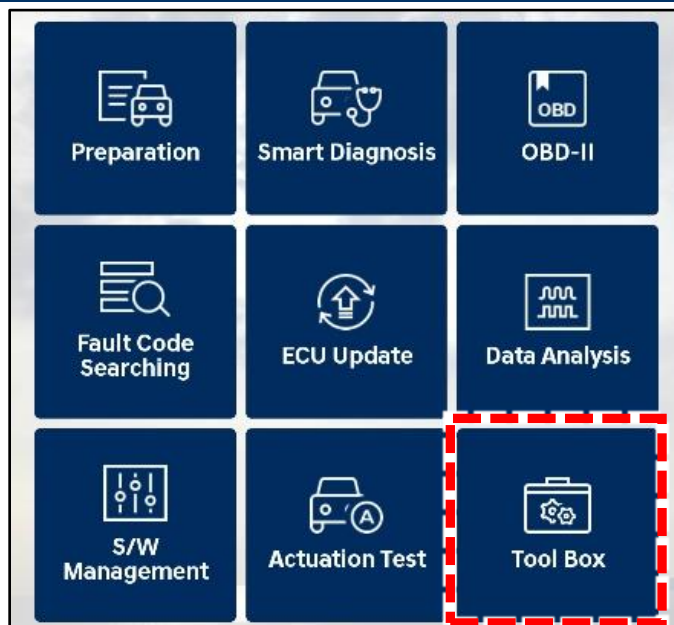
If the vehicle equipped with 12-inch type then install the new the Instrument Cluster Module and confirm if the software matches the ROM ID table as shown above (or newer) before performing the mileage writing.

NOTICE

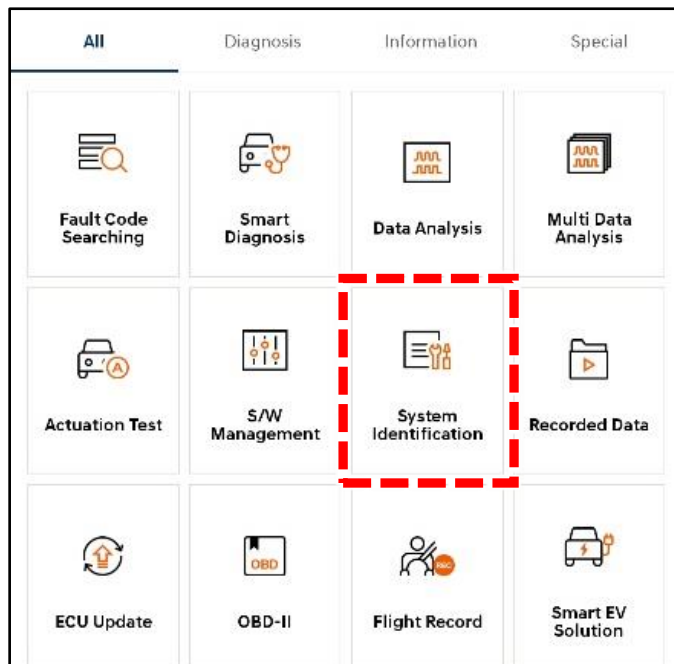
If the Instrument Cluster Module requires a replacement, then perform the **VARIANT CODING BEFORE** attempting to perform the mileage writing. Failure to do so may damage the module.

Instrument Cluster Module ROM ID Check and Mileage Writing

3. Once GDS is connected to the vehicle, select **Tool Box**.



4. Select **System Identification**.



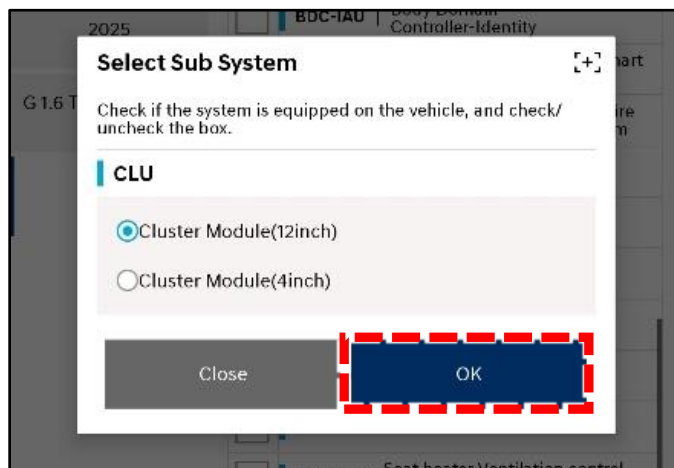
5. Select **CLU** then select the applicable size.

i Information

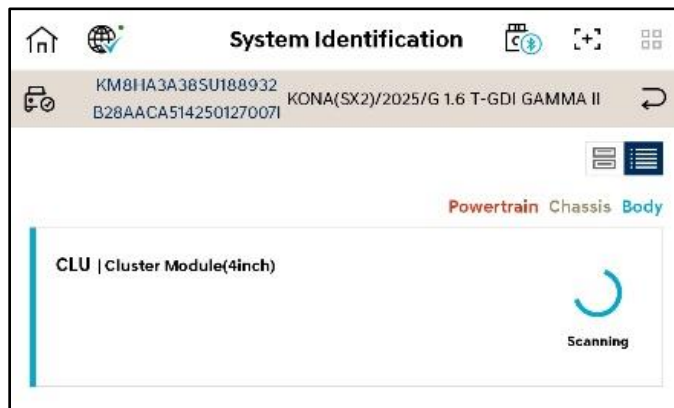
After selecting the **Cluster Module**, confirm the part number on the next screen for proper verification.

i Information

Deselect the **ENGINE** module which is the default selection.



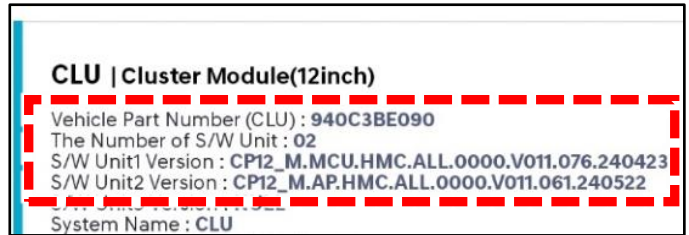
6. Select **OK** to start the scan.



7.

i Information

The part number and software version will be displayed after the **Vehicle Part Number (CLU)**.



Compare this software version to the table from above.

NOTICE

If the software does **NOT** match the version in the table and the date is older, then **RETURN** the part as **DEFECTIVE**. Order a replacement part.

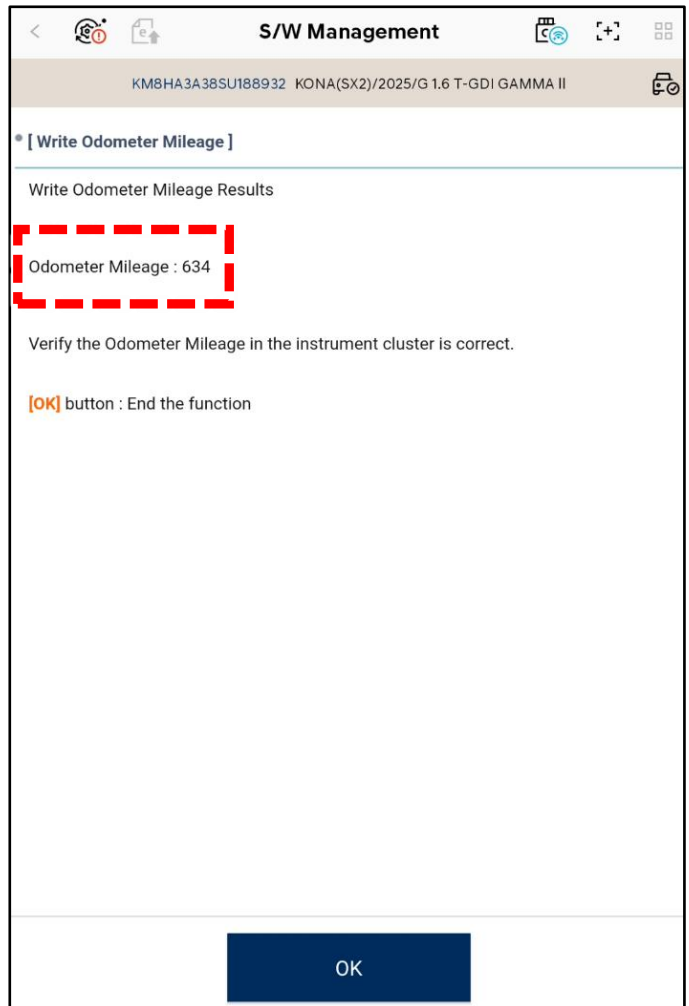
8. After confirming the S/W version (same or newer), proceed with **Odometer Mileage Writing Function** by following the GDS instructions.

NOTICE

Ensure to perform the **VARIANT CODING BEFORE** writing the mileage. Failure to do so may damage the module.

NOTICE

After completing the function in GDS, verify the **VEHICLE DISPLAY SCREEN** to confirm the correct mileage.
The GDS tablet may **NOT** display the correct mileage.



10. Confirm the correct mileage is displayed on the instrument cluster.
11. The service procedure is now complete.