Service Campaign 9C7 - ECM Software Update for EGR Improvement	**Posted Date:** 10/09/2026

26-01-081H - ECM Software Update for EGR (Service Camp 9C7) (Posted 10.08.26).pdf

Service Campaign 9C7 - ECM Software Update - Dealer Notification (Service Camp 9C7) (posted 10.08.26).pdf

Hyundai Motor America (HMA) has launched Service Campaign 9C7: ECM Software Update for EGR Logic Improvement.

A. Campaign Description:

Certain Santa Fe Hybrid (TM HEV), Santa Fe Plug-in Hybrid (TM PHEV), Tucson Hybrid (NX4 HEV), and Tucson Plug-in Hybrid (NX4 PHEV) vehicles may experience intake air line freezing and Exhaust Gas Recirculation (EGR) valve corrosion due to excessive condensation accumulating within the EGR system. This condition can lead to drivability concerns related to the following DTCs:

- P040400: (Exhaust Gas Recirculation Control Circuit Range)

- P049D00: (EGR 'A' Control Position Exceeded Learning Limit)

- P047100: (Exhaust Pressure Sensor 'A' Circuit Range/Performance)

- P012800: Coolant Thermostat (Coolant Temperature below Thermostat Regulation Temperature)

- P262B00: (Control Module Power Off Timer Performance)

- P050C00: Cold Start Engine Coolant Temperature Performance

- P1DFD00: (EVAP System Purge Pump Target Speed)

- P2DFD00: (EVAP System Purge Pump Performance)

- P112000: (Inlet Metering Valve – Malfunction)

- P033500: (Crankshaft Position Sensor A)

Technical Service Bulletin (TSB) 26-01-081H provides instructions to perform a software update for the Engine Control Module (ECM).

B. Affected Vehicles:

1. **VIN Identification:** Use the 'Vehicle Information' screen in WebDCS under the 'Campaign Not Performed' section to determine campaign applicability.
   a. Certain 2021 – 2022MY Santa Fe Hybrid (TM HEV) produced 12/18/2020 – 09/28/2022 built by Hyundai Motor Company ("HMC")
   b. Certain 2022 – 2023MY Santa Fe Plug-in Hybrid (TM PHEV) produced 05/31/2021 - 09/14/2023 built by HMC
   c. Certain 2023MY Santa Fe Hybrid (TMA HEV) produced 10/10/2022 – 12/29/2023 built by Hyundai Motor Company ("HMMA")
   d. Certain 2022 – 2024MY Tucson Hybrid (NX4 HEV) produced 01/20/2021 – 07/08/2024 built by HMC\
   e. Certain 2022 – 20224MY Tucson Plug-in Hybrid (NX4 HEV) produced 06/30/2021 – 07/05/2024 built by HMC

C. Parts Information:

1. Emissions Label (for all vehicles)
   a. Obtain through normal WebDCS ordering process

2. Proof of Correction Card (refer to TSB for applicable states)
   a. Obtain through normal WebDCS ordering process

D. Campaign Document(s):

1. **TSB 26-01-081H**
   a. HyundaiDealerUSA.com > Service > Service Programs > HMA Tech Info > Campaign

2. **Dealer Notification**
   a. HyundaiDealerUSA.com > Service > Service Programs > HMA Tech Info > Service News

E. Action Required:

1. Confirm VIN applicability via WebDCS per 'VIN Identification' noted above.
2. **This campaign is 'Mobile Service' friendly**. Hyundai recommends performing this campaign via Mobile Service if dealer is properly equipped and able to do so.
3. **Follow TSB 26-01-081H** for the service procedure to update the Engine Control Module (ECM) software.
4. **Submit campaign claim** once the service procedure is completed.

We appreciate your continued partnership and commitment to our Hyundai customers.
Thank you for your patience and understanding.

HMA Warranty Campaigns