



Technical Service Bulletin

GROUP CAMPAIGN	NUMBER 20-01-013H
DATE MARCH, 2020	MODEL(S) Tucson (LM)

SUBJECT: ECM UPDATE – FUEL INJECTION CONTROL LOGIC IMPROVEMENT
(VOLUNTARY EMISSION SERVICE CAMPAIGN 959)

* IMPORTANT

*** Retail Vehicles Only ***

Dealers must perform this Voluntary Emission Service Campaign 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 via WEBDCS to identify open Campaigns.

Description:

This bulletin provides instructions related to an Electronic Control Module (ECM) software update to revise the fuel injection control logic. The update is for the applicable model listed below with SULEV emissions certification only.

A Campaign Sticker must be applied to all vehicles and an Emission Recall Proof of correction card completed in certain States as mentioned below in Parts Information Table. Please see page-4.

Applicable Vehicles: 2014 ~ 2015MY Tucson (LM) with 2.4L SULEV Emissions Engine.

Parts Information:

Part Name	Part Number	Qty.	Figure	Remarks
Campaign Sticker	00305-SC959	1	<p>959 Dealer Code: Date: 00305 SC959</p>	Apply to all vehicles regardless of State
Vehicle Emission Recall-Proof of Correction Card	NP050-09006	1	<p>Vehicle Emission Recall – Proof of Correction</p> <p>License No. Make Model Year Body Type Vehicle Identification Number</p> <p>Manufacturer: _____ Recall Number: _____ The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws.</p> <p>Dealer's Name _____ Address, City, State and Zip _____</p> <p>Date _____ Dealership's Authorized Signature _____</p> <p>Return this certificate to DMV only when required – otherwise retain for your records.</p> <p>NP050-09006 6/14</p>	Order only for States: CA, CT, DE, MA, MD, ME, 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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Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature	Cause
Tucson(LM)	90C053R0	ECM UPDATE	0.3 M/H	39106-2GBC5	I73	ZZ3

NOTE 1: Submit Claim on Campaign Claim Entry Screen.

NOTE 2: If a part is found in need of replacement while performing Service Campaign and the affected part is still under warranty, submit a separate warranty 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.

GDS Information:

System Selection: **ENGINE (ECM)**

Event #	Description
560*	LM 2.4GDI(SULEV) - FUEL INJECTION CONTROL LOGIC IMPROVEMENT

(* Use the latest event that appears in the GDS ECU Auto Mode event list for the particular vehicle)

NOTE: Refer to TSB 15-GI-001 for the tablet-based Mobile GDS ECU update procedures.

NOTICE

You must initially perform 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.

WARNING

GDS Vehicle Battery Voltage Warning:

If voltage is below 12 volts as per the below GDS warning, then select **Back** and run the engine at least 20 minutes to ensure an adequate battery state of charge for reliable update results. Turn ignition back on, and then retry the ECU update again.



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ROM ID INFORMATION TABLE:

VEHICLE	ENGINE	MY	IMMO	ECU P/No.	ROM ID	
					OLD	NEW
LM Tucson	2.4GDI	14MY (SULEV)	IMMO	39106-2GBC5	LES4RH2A	LES4RH2M
					LES4RH2B	
					LES4RH2C	
					LES4RH2K	
					LES4RH2L	
					LES4MH2A	
		NO IMMO	39106-2GBE5	LES4MH2B	LES4MH2M	
				LES4MH2C		
				LES4MH2K		
				LES4MH2L		
				LFS4RH4A		LFS4RH4M
				LFS4RH4B		
LFS4RH4K						
LFS4RH4L						
LFS4MH4A	LFS4MH4M					
LFS4MH4B						
LFS4MH4K						
LFS4MH4L						

NOTE: IMMO (+IMMO) = Start Stop Button, NO IMMO (- IMMO) = Key Start

MANUAL MODE PASSWORD INFORMATION TABLE:

MENU	PASSWORD
LM 2.4GDI AT -IMMO 39106-2GBE0/5	0620
LM 2.4GDI AT -IMMO 39106-2GBE6/7	0626
LM 2.4GDI AT +IMMO 39106-2GBC0/5	0625
LM 2.4GDI AT +IMMO 39106-2GBC6/7	0627

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Campaign Sticker:

Fill in the information on the 00305-SC959 Campaign Sticker and apply onto the hood in the area below the Emission Label as shown.

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



Vehicle Emission Recall Proof of Correction Card:

The below is only required for vehicles registered in California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington:

A Vehicle Emission Recall - Proof of Correction card must be filled out for all vehicles registered in California, 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 completely filled out 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 No.

2. Enter "Hyundai"

3. Enter Model Year

4. Enter "TUCSON"

5. Enter the vehicle's VIN Number

6. Enter "959"

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