

 HYUNDAI Technical Service Bulletin	GROUP CAMPAIGN	NUMBER 21-01-041H
	DATE MAY, 2021	MODEL(S) ELANTRA (AD/ADA)
SUBJECT:	ECM SOFTWARE UPDATE – DTC P0068, P0101 & P0106 (SERVICE CAMPAIGN T5S)	

★ IMPORTANT

*****Dealer Stock and Retail Vehicles*****

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.

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 information related to the Engine Control Module (ECM) software update for 2020MY Elantra (AD/ADA) vehicles equipped with 2.0L engine to revise the logic for the DTCs listed below.

- P0068 - Manifold Pressure (MAP) Sensor/Mass Air flow (MAF) Sensor - Throttle Position Correlation
- P0101 - Mass Air flow (MAF) Sensor - Range/Performance
- P0106 - MAP Sensor / Baro Pressure (BARO) Sensor B (#1) - Range/Performance

Applicable Vehicle: Certain 2020MY Elantra (AD/ADA) equipped with 2.0L engine.

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature	Cause
Elantra (AD)	00D109R0	ECM UPGRADE	0.3 M/H	39173-2EFH5	I3A	ZZ3
Elantra (ADA)	00D109R0	ECM UPGRADE	0.3 M/H	39173-2EFK5	I3A	ZZ3

NOTE 1: Submit Claim on Campaign Claim Entry Screen.

NOTE 2: If a part that is not covered by this campaign is found in need of replacement while performing this 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 CONTROL MODULE (ECM)**

Event #	Description
602*	AD(A) PE 2.0MPI - P0068 DTC IMPROVEMENT

*or use a later available event as listed in the GDS-M ECU Update screen if one is available.

Circulate To: Service Manager, Warranty Manager, Service Advisors, Technicians, Fleet Repair

Service Procedure:

1. Perform GDS Mobile software update per TSB **15-GI-001**.
2. After successful completion of **ECM software update**, check for Diagnostic Trouble Codes in **ALL** menus and erase any DTC.
3. Confirm normal vehicle operation.

NOTICE

You must initially perform GDS-M ECM Update in Auto Mode.

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

! WARNING

GDS-M Vehicle Battery Low Voltage Warning:

When the vehicle battery is lower than 12 volts, the GDS-M will trigger a Low Battery Voltage Warning. If this Warning occurs,

A. Connect the battery to a fully charged battery jump pack or GR8 charger using “Power Supply Mode” to continue the software update.

OR

B. Select “BACK” to exit the SW update. Then, start the engine and idle with the headlights on for 20 minutes. Return to the SW update after charging the battery.



ECM ROM ID Information Table:

MODEL	EMISSION	TM	IMMO.	PCM P/No.	ROM ID	
					OLD	NEW
20MY Elantra (AD/ADA) 2.0L	ULEV	CVT	+IMMO	39171-2EFH5 39171-2EFK5	ADAUP2AS6B1A ADAUP2AS6B1B	ADAUP2AS6B5A
			-IMMO	39173-2EFH5 39173-2EFK5	ADAUP2US6B1A ADAUP2US6B1B	ADAUP2US6B5A
		MT	+IMMO	39175-2EFC5	ADAUP2CS6B1A ADAUP2CS6B1B	ADAUP2CS6B5A
			-IMMO	39173-2EFG5 39173-2EFJ5	ADASP2US6B1A ADASP2US6B1B	ADASP2US6B5A
	SULEV	CVT	+IMMO	39171-2EFG5 39171-2EFJ5	ADASP2AS6B1A ADASP2AS6B1B	ADASP2AS6B5A
			-IMMO	39173-2EFG5 39173-2EFJ5	ADASP2US6B1A ADASP2US6B1B	ADASP2US6B5A

NOTE: +IMMO = Start Stop Button, -IMMO = Key Start

Manual Mode Password Information Tables:

EVENT #	MENU	PASSWORD
#583	AD(A) PE 2.0MPI CVT -IMMO 39173-2EFH5/K5	7325
	AD(A) PE 2.0MPI CVT +IMMO 39171-2EFH5/K5	7125
	AD(A) PE 2.0MPI MT +IMMO 39175-2EFC5	7525
	AD(A) PE 2.0MPI CVT -IMMO 39173-2EFG5/J5	7326
	AD(A) PE 2.0MPI CVT +IMMO 39171-2EFG5/J5	7127

NOTE: +IMMO = Start Stop Button, -IMMO = Key Start