 <b>HYUNDAI</b> <b>Technical Service Bulletin</b>	GROUP <b>CAMPAIGN</b>	NUMBER <b>21-01-041H</b>
	DATE <b>MAY, 2021</b>	MODEL(S) <b>ELANTRA (AD/ADA)</b>
<b>SUBJECT:</b>	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
<b>602*</b>	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**

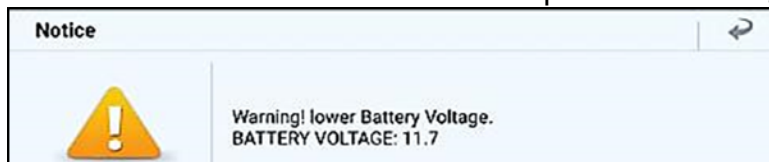
**GDS-M Vehicle Battery Low Voltage Warning:**

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
	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

**SUBJECT:**ECM SOFTWARE UPDATE – DTC P0068, P0101 & P0106  
(SERVICE CAMPAIGN T5S)**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