

 HYUNDAI Technical Service Bulletin	GROUP FUEL SYSTEM	NUMBER 20-FL-007H
	DATE JULY, 2020	MODEL(S) ELANTRA (AD)
SUBJECT:	ECM SOFTWARE UPDATE – DTC P0128	

Description:

This bulletin provides information related to an ECM (Engine Control Module) software update for DTC P0128: Coolant Thermostat (Coolant Temp below Thermostat Regulating Temperature) logic revision.

There are no drivability symptoms associated with DTC P0128.

Applicable Vehicle: Certain 2019 & 2020MY Elantra (AD) equipped with 1.6L Turbo engine

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Elantra (AD)	39118F12	ECM UPGRADE	0.3 M/H	39118-2BAN4 39118-2BAN6 39118-2BAV6 39118-2BAV8	I3T	ZZ3

GDS Information:

System Selection: **ENGINE CONTROL MODULE (ECM)**

Event #	Description
587*	AD PE 1.6T-GDI - P0128 DTC IMPROVEMENT

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

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. Erase the DTC in the BlueLink system per TSB 12-BE-005-2.
4. Confirm normal vehicle operation.

NOTICE

You must initially perform GDS ECM Update in Auto Mode.

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

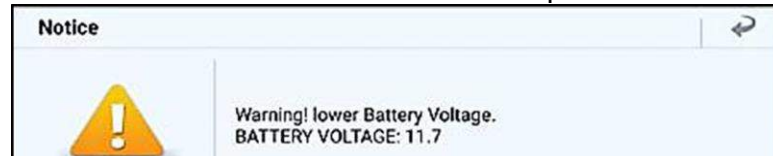
 WARNING
GDS-M Vehicle Battery Low Voltage Warning:

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	TM	IMMO.	PCM P/No.	ROM ID	
				OLD	NEW
AD 1.6L Turbo	6MT	+IMMO	39118-2BAN4	TAD-KNU06F00060A	TAD-KNU06FF0060A
	7DCT	+IMMO	39118-2BAN6	TAD-KNU06F000H0A	TAD-KNU06FF00H0A
	6MT	+IMMO	39118-2BAV6	TAD-0NU06F00060A	TAD-0NU06F10060A
	7DCT	+IMMO	39118-2BAV8	TAD-0NU06F000H0A	TAD-0NU06F100H0A

NOTE: +IMMO = Start Stop Button, MT = Manual Transmission, DCT = Dual Clutch Transmission

Manual Mode Password Information Tables:

EVENT #	MENU	PASSWORD
587	AD PE 1.6T-GDI MT +IMMO 39118-2BAN4	4281
	AD PE 1.6T-GDI DCT +IMMO 39118-2BAN6	6282
	AD PE 1.6T-GDI MT +IMMO 39118-2BAV6	6281
	AD PE 1.6T-GDI DCT +IMMO 39118-2BAV8	8281