SUBJECT:	DTC P0128 ECM SOFTWARE UPDATE - (SERVICE CAMPAIGN T3T)

This TSB supersedes TSB 19-01-016H-1 with revised GDS ECM Update event and ROM ID table for Elantra GT (PD) vehicle.

★ **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 "Vehicle Information Screen (VIS)" via WEBDCS to identify open Campaigns.

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 2018 Elantra GT (PD) and 2019 Veloster (JS) equipped with 1.6L Turbo engine.

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature	Cause
Elantra GT (PD) Veloster (JS)	90C013R1	ECM UPGRADE	0.3 M/H	39109-2B540	I3T	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 T3T 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
606*	PD 1.6T - GDI - P0128 DTC IMPROVEMENT(2nd)
569*	JS 1.6T - GDI - P0128 DTC IMPROVEMENT(2nd)

(*or use a later available event as listed in the GDS 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. 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 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.

Notice ↵

⚠ Warning! lower Battery Voltage.
BATTERY VOLTAGE: 10.8

ECM ROM ID Information Table:

MODEL	TM	IMMO.	PCM P/No.	ROM ID	
				OLD	**NEW**
Elantra GT (PD) 1.6T GDI ULEV	MT	IMMO	39128-2BPF0	GTPD-HNU6FS0060A GTPD-HNU6FS0160A GTPD-HNU6FS0260A GTPD-HNU6FS0360A GTPD-HNU6FS0460A	GTPD-HNU6F**F**0460A
	DCT	IMMO	39128-2BPG0	GTPD-HNU6FS00H0A GTPD-HNU6FS01H0A GTPD-HNU6FS02H0A GTPD-HNU6FS03H0A GTPD-HNU6FS04H0A	GTPD-HNU6F**F**04H0A
Veloster (JS) 1.6T GDI ULEV	MT	IMMO	39128-2BJF0	TJS-JNU06F00060A TJS-JNU06F10060A TJS-JNU06F20060A	TJS-JNU06F**F**0060A
	DCT	IMMO	39128-2BJF5	TJS-JNU06F000H0A TJS-JNU06F100H0A TJS-JNU06F200H0A	TJS-JNU06F**F**00H0A

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

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Manual Mode Password Information Tables:

EVENT #	MENU	PASSWORD
#606	PD 1.6T-GDI MT +IMMO 39128-2BPF0	2820
	PD 1.6T-GDI DCT +IMMO 39128-2BPG0	2821

EVENT #	MENU	PASSWORD
#569	JS 1.6T-GDI MT +IMMO 39128-2BJF0	0282
	JS 1.6T-GDI DCT +IMMO 39128-2BJF5	5282