



Technical Service Bulletin

GROUP

FUEL SYSTEM

NUMBER

19-FL-004H

DATE

JULY 2019

MODEL(S)

Tucson (TL) 2.0L

SUBJECT:

ECM UPDATE FOR TL 2.0L DTC P0128

Description:

This bulletin provides information related to the Engine Control Module (ECM) software logic update for the DTC P0128 – “Coolant thermostat - coolant temp below thermostat regulating temperature”.

Applicable Vehicle:

- 2018 Tucson (TL) with 2.0L GDI engine.

GDS Information:System Selection: **Engine (ECM)**

Event #	Description
537	TL 2.0GDI - P0128 DTC IMPROVEMENT

Warranty Information:

Model	Op Code	Operation	Op Time	Causal Part	Nature Code	Causal Code
Tucson (TL)	39131F05	BMS UPGRADE	0.3 M/H	39131-2ETA8	I3T	ZZ3

ROM ID Table:

VEHICLE	ENGINE	EMISSIONS	TRANS	IMMO	ECU P/No.	ROM ID	
						OLD	NEW
TUCSON (TL)	2.0GDI	ULEV	6AT	YES	39131-2ETA8	GGTL-HNUAQS00C00	GGTL-HNUAQF01C00
			6AT	NO	39133-2ETA8	GGTL-HNUAQS01C00 GGTL-HNUAPS00C00	
			6AT	YES	39131-2ETA9	GGTL-HNUAPS01C00 GGTL-HNUAQS00D00	GGTL-HNUAQF01D00
			6AT	NO	39133-2ETA9	GGTL-HNUAQS01D00 GGTL-HNUAPS00D00	
						GGTL-HNUAPS01D00	GGTL-HNUAPF01D00

NOTICE

You must initially perform the 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.

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

! WARNING**GDS Vehicle Battery Voltage Warning:**

If voltage is below 12 volts as per the below GDS warning, then select **Back** and operate the vehicle in Ready mode for 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.

**Service Procedure:**

1. Perform GDS software update:
 - Refer to TSB **15-GI-001** for the detailed tablet-based Mobile GDS ECU update procedures.
 - Refer to TSB **15-GI-002** for the detailed PC-based GDS ECU update procedures.
2. Check for Diagnostic Trouble Codes in the **ALL** menus and erase any DTC.
3. Erase the DTC in the BlueLink system according to TSB 12-BE-005-2.
4. Confirm normal vehicle operation.

Manual Mode Password:

MENU	PASSWORD
TL 2.0GDI -IMMO 39133-2ETA8	3328
TL 2.0GDI -IMMO 39133-2ETA9	3329
TL 2.0GDI +IMMO 39131-2ETA8	3128
TL 2.0GDI +IMMO 39131-2ETA9	3129