



Technical Service Bulletin

GROUP AUTOMATIC TRANSMISSION	NUMBER 20-AT-025H
DATE OCTOBER 2020	MODEL(S) TUCSON (TL)

SUBJECT: TCU UPDATE – TUCSON 2.0L HESITATION AT ACCELERATION

Description:

This bulletin provides the procedure to update the TCU for vehicles that may exhibit a hesitation at acceleration particularly from a rolling stop condition.

This update optimizes the TCU torque control logic.

Applicable Vehicles: 2016~2018 Tucson (TL) with 2.0L Engine

GDS Information: System Selection: **A/T**

Event #	Description
621*	TL 2.0GDI - ACCELERATION PERFORMANCE IMPROVEMENT(TCU)

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

Warranty Information:

Model	Op Code	Operation	Op Time	Causal Part	Nature Code	Cause Code
Tucson (TL)	39131F10	TCU UPGRADE	0.3 M/H	Refer to ECU ROM ID Table on Page 2	T41	ZZ3

NOTICE

You must initially perform GDS TCU Update in Auto Mode.

- If the TCU Update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.
- Refer to the General Instructions found in TSB 15-GI-001 (GDS Mobile).

TCU ROM ID Table:

VEHICLE	ENGINE	TRANS	PCU P/N	CAL ID	
				OLD	NEW
TL	2.0GDI	6AT (2WD)	39133-2ETD0	TTL2G20NS0	TTL2G20N10
				TTL2G20NS1	
			39131-2ETD0	TTL2G20NS2	
				TTL2G20NS3	
			39133-2ETA8	TTL2G20NS4	
			TTL2G20NS5	TTL2G20NS7	
		39131-2ETA8	TTL2G20NS6		
		6AT (4WD)	39133-2ETA9	TTL4G20NS0	TTL4G20N10
				TTL4G20NS1	
			39131-2ETA9	TTL4G20NS2	
TTL4G20NS3					
TTL4G20NS4	TTL4G20NS5	TTL4G20NS7			
			TTL4G20NS6		

Manual Update:

If the TCU Update starts but then fails in Auto Mode, perform the update in Manual Mode to recover. **NOTE:** Choose 2WD or 4WD.

MENU	PASSWORD
TL 2.0GDI(2WD) TCU 39131/3-2ETD0 (ROM ID : TTL2G20NS0/1/2)	3320
TL 2.0GDI(2WD) TCU 39131/3-2ETD0 (ROM ID : TTL2G20NS3/4)	3120
TL 2.0GDI(2WD) TCU 39131/3-2ETA8	3328
TL 2.0GDI(4WD) TCU 39131/3-2ETA9 (ROM ID : TTL4G20NS0/1/2/3/4)	3329
TL 2.0GDI(4WD) TCU 39131/3-2ETA9 (ROM ID : TTL4G20NS5/6)	3129

Perform the following after the TCU Update:

1. Check for Diagnostic Trouble Codes and erase any DTC.
2. Reset the automatic transmission adaptive values using GDS, **S/W Management, Automatic Transmission** menu and **Resetting Auto T/A Values**. Follow the prompts on the GDS.
3. Relearn the adaptive values using GDS, **S/W Management** menu and **AT Adaptation Mode**. Follow the prompts on the GDS.