



TECHNICAL SERVICE BULLETIN

Classification:

AT20-003A

Reference:

NTB20-037A

Date:

May 11, 2022

ENHANCED DIAGNOSTIC LOGIC FOR CVT

This bulletin has been amended. See **AMENDMENT HISTORY** on the last page.
Please discard previous versions of this bulletin.

APPLIED VEHICLES: 2018-2019 Sentra (B17)
2018-2019 Versa Sedan (N17)
2018-2019 Versa Note (E12)

IF YOU CONFIRM

The customer reports a transmission judder (shake, shudder, single or multiple bumps or vibration), hesitation on acceleration, lack of power, or RPM flare.

NOTE:

- A new diagnostic logic has been established to enhance the diagnostic process by storing a diagnostic trouble code (DTC) on **APPLIED VEHICLES**.
 - DTCs **P17F0, P17F1, P17F2, P17F3, P17F4** will not turn the MIL ON.
 - DTC **P0868** will turn the MIL ON.
- This new diagnostic logic will monitor conditions in the CVT and provide a more precise diagnosis of any potential issues with the CVT.
- If any of the above DTCs are stored, refer to NTB20-035 (Sentra) or NTB20-036 (Versa Sedan and Versa Note) for repair information.

ACTION

1. Confirm the current TCM part number.
2. Reprogram the TCM, if applicable

IMPORTANT: The purpose of **ACTION** (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire **SERVICE PROCEDURE** as it contains information that is essential to successfully completing this repair.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. **NOTE:** If you believe that a described condition may apply to a particular vehicle, **DO NOT** assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

SERVICE PROCEDURE

IMPORTANT: Repairs performed for this bulletin require CONSULT-III plus (C-III plus) Diagnostic result reporting function-Setting be turned ON and Diagnosis (All Systems) be performed. If not done, it may result in a repair being non-warrantable.

- Using C-III plus, confirm the current TCM part number and write it on the repair order.
 - If it matches one of the part numbers in **Table 1**, continue to step 2 on page 3.
 - If it does not match one of the part numbers in **Table 1**, this bulletin does not apply. Go back to ASIST for further diagnostic and repair information.

Table 1

Model	Year	Current TCM Part Number Before Reprogramming: 31036 -
Sentra	2018	5UD0A, 5UD0B, 5UD0C
	2019	9AE2A, 9AE2B, 9AE2C, 9AE2D, 9AE2E 9AE9D, 9AE9E
Versa Sedan	2018	9KN4A, 9KN4B, 9KN4C, 9KN4D
	2019	9EK0A, 9EK0B, 9EK0C
Versa Note	2018	9ME3A, 9ME3B, 9ME3C, 9ME3D
	2019	9MG0A, 9MG0B, 9MG0C

NOTICE

Perform the following before starting the reprogramming procedure to prevent damage to the control unit.

- Connect the AC Adapter to the CONSULT PC.
- Connect the CONSULT PC to the Internet via Wi-Fi or a network cable.
- Ensure ASIST on the CONSULT PC has been synchronized (updated) to the current date and all C-III plus software updates (if any) have been installed.
- Turn OFF all external Bluetooth® devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and the VI. If Bluetooth® signal waves are within range of the CONSULT PC or VI during reprogramming, the reprogramming may be interrupted.
- Turn OFF all vehicle electrical loads.
- Turn ON the hazard warning lamps.
- Connect a battery maintainer or smart charger, set to reflash mode or a similar setting, to ensure the battery voltage stays between 12.0 V and 15.5 V.

HINT: If you are not familiar with the reprogramming procedure, *click here*. This will link you to the "CONSULT-III plus (C-III plus) TCM Reprogramming" general procedure.

2. Reprogram the TCM.
3. After completing Erase All DTCs, print a copy of the C-III plus screen showing the before and after part numbers of the control unit and attach it to the repair order.

CLAIMS INFORMATION

Submit a Primary Part (PP) type line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reprogram Transmission Control Module	(1)	JE99AA	ZE	32	(2)

- (1) Refer to the Electronic Parts Catalog and use the Transmission Control Module part number (31036-XXXXX) as the PFP.
- (2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time.

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
May 19, 2020	NTB20-037	Original bulletin published
May 11, 2022	NTB20-037A	NOTE on page 1 and Table 1 on page 2 revised

