

SERVICE BULLETIN

Classification:

Reference:

Date:

AT18-003c

NTB18-058c

June 26, 2019

2013-2017 SENTRA AND VERSA SEDAN, AND 2014-2017 VERSA NOTE; 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: 2013-2017 Sentra (B17) 2013-2017 Versa Sedan (N17) 2014-2017 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.
 - New DTC: P17F0 (CVT_JUDDER [T/M INSPECTION]); P17F0 will not turn the MIL ON.
- This new diagnostic logic will monitor conditions in the CVT while the customer is operating their vehicle in their usual daily drive patterns.
- If P17F0 stores, refer to NTB17-034 for repair information.

ACTION

- 1. Refer to step 6 on page 4 in the **SERVICE PROCEDURE** to confirm this bulletin applies to the vehicle you are working on.
- 2. If this bulletin applies, reprogram the TCM (Transmission Control Module).

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) <u>Diagnostic result reporting function-Setting</u> be turned ON and <u>Diagnosis (All Systems)</u> be performed. If not done, it may result in a repair being non-warrantable.

IMPORTANT: Before starting, make sure:

- > ASIST on the CONSULT PC has been synchronized (updated) to the current date.
- > All C-III plus software updates (if any) have been installed.
- > The CONSULT PC is connected to the Internet (Wi-Fi or cable).

NOTE:

- Most instructions for reprogramming with C-III plus are displayed on the CONSULT PC screen.
- If you are not familiar with the reprogramming procedure, click here. This will link you to the "CONSULT- III plus (C-III plus) Reprogramming" general procedure.

CAUTION:

- Connect a battery maintainer or smart charger set to reflash mode or a similar setting. If the vehicle battery voltage drops below <u>12.0V or rises above 15.5V</u> during reprogramming, <u>the TCM may be damaged</u>.
- Be sure to turn OFF all vehicle electrical loads.
 If a vehicle electrical load remains ON, <u>the TCM may be damaged</u>.
- Be sure to connect the AC Adapter. If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and <u>the TCM may be damaged</u>.
- Turn OFF all external Bluetooth[®] devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and the plus VI. If Bluetooth[®] signal waves are within range of the CONSULT PC or plus VI during reprogramming, reprogramming may be interrupted and <u>the TCM may be damaged</u>.

- 1. Connect the CONSULT PC to the vehicle to begin the reprogramming procedure.
- 2. Start C-III plus.
- 3. Wait for the plus VI to be recognized.
 - The serial number will display when the plus VI is recognized.
- 4. Select Re/programming, Configuration.

	H Back	Home Pri	int Screen Capture	Measurement Mode	Recorded Data	() Help	11.8V		X MI		$\mathbf{\times}$		
	Connection Status			Di	Diagnosis Menu								
		Serial No.	Sta	us		📋 Dia	ignosis ((Dne S	ystem)				
VI is recognized	VI	2300727	Normal Moc conne))) e/Wireless ction		🖻	anosis (/		stems)				
	мі	-	6					an cy	stemsy			Step	1
			No con	nection		Re/	program	ming,	Config	uration		4	
	8-67	Select VI/N	ЛІ			[⊲] ∭ Imr	nobilizer						
		tion Setting - Sub mode		guage Setting		💭 Ma	intenance	9					
		VDR]								
				Ei	auro	1							

Figure 1

5. Follow the on-screen instructions and navigate the C-III plus to the screen shown in Figure 2 on the next page.

- 6. When you get to the screen shown in Figure 2, confirm this bulletin applies as follows:
 - A. Find the TCM **Part Number** and write it on the repair order.

NOTE: This is the <u>current</u> TCM Part Number (P/N).

CEE CONSULT-III plus Ver VIN.	Vehicle :		Country : U.S.A.	
Back Home Print Screen Capture	Measurement Mode	11.8V VI	× 🖿 📃 🔀	
Re/programming, Operation Selection Save ECU Data				
Save ECU Data				
Touch "Save" to save operation log and the current part number as listed below to CONSULT. Operation log helps to restart next operation by selecting suitable operation log. Operation log is erased after operation has completely finished.				
File Label	xxxxxxxxxxxxxxxxxxxxxxx			
Operation	REPROGRAMMING			
System 6A: Current 1C				
Part Number	31036 -	31036 -		
Vehicle	200000000000000000000000000000000000000	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
VIN		X000000000000000X		
Date	11/1/201× 1:22:16 AM	Save		
,				

Figure 2

- B. Compare the P/N you wrote down to the numbers in the **Current TCM Part Number** column in **Table A** on the next page.
 - If there is a <u>match</u>, this bulletin <u>applies</u>. Continue with the reprogramming procedure.
 - If there is <u>not a match</u>, this bulletin does not apply. Refer to ASIST for further diagnostic and repair information.

Table A

Model	Year	Current TCM Part Number Before Reprogramming: 31036 -
Sentra	2013	3SG0A, 3SG0B, 3SG0C, 3SG7E, 3SG8D, 3SG9B, 3SG9C 3SR0A, 3SR0B, 3SR0C, 3SR7E, 3SR8D, 3SR9B, 3SR9C
	2014	9AM2A, 9AM2B, 9AM2C, 9AM9A, 9AM9B, 9AM9D
	2015	4AT0A, 4AT0B, 4AT0C, 4AT0D, 4AT8E, 4AT9A, 4AT9D, 4AT9E
	2016	4AF6A, 4AF6B, 4AF9C, 4AF9D
	2017	4FY0A, 4FY0B, 4FY0C, 4FY8E, 4FY9E
	2013	9KB1B, 9KB1C, 9KB1D, 9KB9D, 9KB9E, 9KJ9E, 3BE8E
	2014	3BE0A, 3BE0B, 3BE8E, 3BE9A, 3BE9C
Versa Sedan	2015	9KE0A, 9KE0B, 9KE0C, 9KE9B, 9KE9C, 9KE9E
	2016	9KN0A, 9KN0B, 9KN0C, 9KN8B, 9KN8C, 9KN8D, 9KN8E
	2017	9KN2A, 9KN2B, 9KN2C, 9KN6E, 9KN7E
	2014	3VB2A, 3VB2B, 3VB2C, 3VB8C, 3VB9D, 3WC5E, 3WC9B
Versa	2015	3VB6A, 3VB9A, 3VB9B, 3VB9C, 3VB9E, 3WC6E, 3WC9D
Note	2016	3VB4A, 3VB4B, 3VB4C, 3VB4D, 3VB7A, 3WC7E, 3WC8E 3WC9E
	2017	9ME0A, 9ME0B, 9ME0C, 9ME8E, 9ME9E

7. Follow the on-screen instructions to navigate C-III plus and reprogram the TCM.

NOTE:

- In some cases, more than one new P/N for reprogramming is available.
 - > If there is more than one new P/N, the screen in Figure 3 displays.
 - Select and use the reprogramming option that <u>does not</u> have the message "Caution! Use ONLY with NTBXX-XXX".
- If you get this screen and it is <u>blank</u> (no reprogramming listed), it means there is no reprogramming available for this vehicle.

CONSULT-III plus Ver.	VIN:	Vehicle :	Country : U.S.A.		
Back Prin	t Screen Capture Mode	Recorded Help	흤 🏋 🗙 🖿 📃 🔀		
Re/programming, Configuration	Precaution	Select Program Data	Confirm Vehicle Condition		
Select Program Data	Select Program Data				
Touch and select the reprog/programming data listed below. In case no reprog/programming data is listed below, confirm the vehicle selection, VIN and reprog/programming data in CONSULT.					
System	ENGINE				
Current Part Number	Part Number After Rep	oro/programming Othe	r Information		
XXXXXXX-XXXXXXX	xxxxxxx-xxxxxxx	xxxxxxxxxxxxx	xxxxxxxxxxx		
XXXXXX-XXXXXXX	XXXXXXX-XXXXXXXX	000000000000000000000000000000000000000	XXXXXXXXXXX		
			Next		
		0			

Figure 3

- Before reprogramming will start, you will be required to enter your User Name and Password.
 - > The CONSULT PC must be connected to the Internet (Wi-Fi or cable).
 - If you do not know your User Name and Password, contact your Service Manager.

User Authentication
Daimler WS Please enter your UserD below. Username: Password Submit
Restart Login

Figure 4

8. When the screen in Figure 5 displays, reprogramming is complete.

NOTE: If the screen in Figure 5 does <u>not</u> display (indicating that reprogramming did not complete), refer to the information on the next page.

- 9. Disconnect the battery maintainer/smart charger from the vehicle.
- 10. Select Next.



Figure 5

NOTE:

- In the next step (page 9), you will perform Erase All DTCs.
- DTC erase is required before C-III plus will provide the final reprogramming confirmation report.

TCM Recovery

Do not disconnect plus VI or shut down C-III plus if reprogramming does not complete.

If reprogramming does <u>not</u> complete and the "!?" icon displays as shown in Figure 6:

- Check battery voltage (12.0–15.5 V).
- Ignition is ON, engine OFF.
- External Bluetooth[®] devices are OFF.
- All electrical loads are OFF.
- Select <u>retry</u> and follow the on screen instructions.
- <u>"Retry" may not go through</u> on first attempt and can be selected more than once.

	VN	Useda		Country : Jacon	
Back Hone Print	Sceen Cables Mode	Naportidad Data	12.3V VI MI		
Confidition	Transfer Data	Corfirm Resul		13/13	
Confirm Result					
Reprogramming or progam operation on his ECU. Touch "Retry" to retry reprog	ming is not completed propertly, premming or programming.	but you can retry reprogram	ogramming	R	
Part number after Reprogramming		128482-008 29K			
Part number before Reprog/programming		20402-000000			
		• 0/6HQAI =			
Vehicle					
Vehicle			œ		
Vehicle VIN System			(B	-	
Vehicle VIN System Date				Retry	
Vehicle VIN System Date Error Code			•	Retry	

Figure 6

If reprogramming does <u>not</u> complete and the "X" icon displays as shown in Figure 7:

- Check battery voltage (12.0 15.5 V).
- CONSULT A/C adapter is plugged in.
- Ignition is ON, engine OFF.
- Transmission is in Park.
- All C-III plus / plus VI cables are securely connected.
- All C-III plus updates are installed.
- Select <u>Home</u>, and restart the reprogram procedure from the beginning.

CONSULT-IL Blus Vir.	VIN	Vehicle : QASHQAI	County : Japan
Back Hone Print Screer	treen Noos	perdud Help 0.74	
Re/programing.	Transfer Esta	Confirm Result	9/9
onfirm Result			
Reprogramming is not completed prop Print this screen as needed. Confirm (with procedure. Restart CONSULT with disconnecting	arly. CONSULT version, IGN/ VI once, and start the re	Power switch position, shift posi oprogramming again.	tion and etc
Part number after Reprog/programming		26482.00000	
Part: number after Reprog/programming Current part number		 264624000000 85462000000 	
Part number after Reprog/programming Current part number Vahicle		244824000000 104482000000 104482000000	
Part number after Reprog/programming Current part number Vahicele			
Pari number after Reprog/programming Current part number Valkele VIN System			
Pars number after Reprog/programming Current part number Vehicle VIN System Date			
Part number after Reprogramming Current part number Vehicle VIN System Date Information			

Figure 7

- 11. Follow the on-screen instructions to **Erase All DTCs**.
- 12. When the entire reprogramming process is complete, the screen in Figure 8 will display.
- 13. Verify the before and after part numbers are different.
- 14. Print a copy of this screen (Figure 8) and attach it to the repair order for warranty documentation.
- 15. Select Confirm.

CONSULT-III plus Ver VIN:	Vehicle :	Country : U.S.A.			
Back Home Print Screen Capture	Measurement Mode Recorded Data Help 14.3V	VI MI X			
Re/programming, Configuration	se All DTCs Print Result / Operation Complete	18/18			
Print Result / Operation Complete	Print Result / Operation Complete				
All tasks are completed. Confirm LAN acce In case CONSULT can NOT immediately acc temporally storage of this page. Touch "Scr Data Folder" on desk top, and open the fold	All tasks are completed. Confirm LAN access, touch "Print" to print out this page. In case CONSULT can NOT immediately access to LAN or printer, Screen Capture function is available for temporally storage of this page. Touch "Screen Capture", and save it. Screen capture data is in "Cill plus Data Folder" on desk top, and open the folder named "ScreenImages".				
Part number after Reprog/programming Part number before Reprog/programming	Step 31036 13 31036				
Vehicle	*****				
VIN	******				
System	TRANSMISSION	Step Print			
Date	11/3/201x 2:10:21 AM				
	1/1	Step 15 Confirm			

Figure 8

16. Close C-III plus.

- 17. Turn the ignition OFF.
- 18. Disconnect the plus VI from the vehicle.

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-XXXX) 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
August 10, 2018	NTB18-058	Original bulletin published.
August 17, 2018	NTB18-058a	Table A revised.
February 15, 2019	NTB18-058b	APPLIED VEHICLES section and Table A revised.
June 26, 2019	NTB18-058c	APPLIED VEHICLES section and Table A revised.