



SERVICE CAMPAIGN BULLETIN

Reference:

Date: July 19, 2018

NTB18-049

VOLUNTARY SERVICE CAMPAIGN 2012 – 2017 VERSA SEDAN; ECM REPROGRAM

CAMPAIGN ID #: PM827 APPLIED VEHICLES: 2012 – 2017 Versa Sedan (N17)

> Check Service COMM or Dealer Business Systems (DBS) National Service History to confirm campaign eligibility.

INTRODUCTION

Nissan is conducting this voluntary service campaign on certain specific model year 2012 – 2017 Versa Sedan vehicles that are currently registered in the states of Arizona or Nevada. The Engine Control Module (ECM) software will be reprogrammed. This service will be performed at no charge to the customer for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification number PM827 to this campaign. This number must appear on all communication and documentation of any nature dealing with this campaign.

DEALER RESPONSIBILITY

Dealers are to repair vehicles falling within range of this campaign that enter the service department. This includes vehicles purchased from private parties, vehicles presented by transient (tourists) owners, and vehicles in a dealer's inventory.

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

REPROGRAM THE ECM

IMPORTANT: Before starting, make sure:

- ASIST on the CONSULT PC has been synchronized (updated) to the current date.
- All CONSULT-III plus (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 CONSULT-III plus (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) ECM Reprogramming" general procedure.
- Take the vehicle for a 10 minute drive in order to meet the following Idle Air Volume Learn (IAVL) conditions:
 - Engine coolant temperature: 70 -100°C (158 - 212°F)
 - Battery voltage: More than 12.9V (At idle)
 - Transmission: Warmed up
 - After reprogramming is complete, you will be required to perform Throttle Valve Closed Position, Idle Air Volume Learn, Accelerator Closed Position, and DTC erase.





CAUTION:

- Connect the GR8 to the 12V battery and select ECM Power Supply Mode. If the vehicle battery voltage goes below <u>12.0V or above 15.5V</u> during reprogramming, <u>the ECM may be damaged</u>.
- Be sure to turn OFF all vehicle electrical loads. If a vehicle electrical load remains ON, <u>the ECM 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 ECM may be damaged</u>.
- 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 during reprogramming, reprogramming may be interrupted and <u>the ECM 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 / connected.
 - The serial number will display when the plus VI is recognized / connected.
- 4. Select Re/programming, Configuration.

Step 3; Plus VI is recognized	CONSULT-III plus Ver.V12.12 Back Print Series Connection Status VI 2300727 MI - Select VI/MI	en VIN:- en Status Status Normal Mode/Wireless connection No connection	Vehicle : - Weight Programm Diagnosis Menu Diagnosis (O Diagnosis (A Construction of the second	Country : U.S.A.	Step 4
recognized	MI -	Normal Mode/Wireless connection No connection	Diagnosis (A	II Systems)	Step 4
	Application Setting	Language Setting	Immobilizer		
	VDR	Fig	ure 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 ECM **Part Number** and write it on the repair order.

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

CONSULT-III plus Ver VIN.	Vehicle :	Country : U.S.A.				
Back Rome Print Screen Capture	Messurement Mode Recorded Data	🚗 🏋 🗙 🖿 📃 🔀				
Configuration	tion Selection Save ECU Data	717				
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	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>					
Operation	REPROGRAMMING					
System 6A: <u>Current</u> EC						
Part Number	23710					
Vehicle	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					
VIN	*********					
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 ECM Part Number** column in **Table A**, on the next page.
 - If there is a <u>match</u>, continue with the reprogramming procedure.
 - If there is <u>not a match</u>, reprogramming is not needed. Proceed to "Does Not Require ECM Reprogram" in the **CLAIMS INFORMATION** section of this bulletin.

Table A

MODEL	MODEL YEAR	Current <u>ECM</u> P/N: 23710-		
	2012	3AB2A, 3AB2D, 3AB2E 3AB3A, 3AB3D, 3AB3E 3AB4A, 3AB4D, 3AB4E, 3AB9A, 3AB9B, 3AB9C, 3AB9D 3AF0A, 3AF0B, 3AF0C 3AF1A, 3AF1B, 3AF1C, 3AF1D 3AF2A, 3AF2B, 3AF2C, 3AF2D		
Versa Sedan	2013	9KA0B, 9KA0C, 9KA0D, 9KA0E 9KA1B, 9KA1C, 9KA1D, 9KA1E 9KA2B, 9KA2C, 9KA2D, 9KA2E 9KA3B, 9KA3C, 9KA3D, 9KA3E 9KA5A, 9KA5B 9KA6A, 9KA6B 9KA7A, 9KA7B		
	2014	9KF0A, 9KF0B, 9KF0C, 9KF0D, 9KF0E 9KF1A, 9KF1B, 9KF1C, 9KF1D, 9KF1E 9KF2A, 9KF2B, 9KF2C, 9KF2D, 9KF2E 9KF3A, 9KF3B, 9KF3C, 9KF3D, 9KF3E		
	2015	9KE0A, 9KE0B, 9KE0C, 9KE0D 9KE1A, 9KE1B, 9KE1C, 9KE1D, 9KE1E 9KE2A, 9KE2B, 9KE2D, 9KE2E, 9KE2F		
	2016	9KN0A, 9KN0B, 9KN0C 9KN1A, 9KN1B, 9KN1C 9KN2A, 9KN2B, 9KN2C		
	2017	9KS1A, 9KS1B, 9KS1C 9KS2A, 9KS2B, 9KS2C 9KS3A, 9KS3B, 9KS3C		

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

NOTE:

- In some cases, more than one new P/N for reprogramming is available.
 - > In this case, 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. Close C-III plus and refer back to ASIST for further diagnosis.

CONSULT-III plus Ver.	VIN:	Vehicle :	Country : U.S.A.
Back Priz	t Screen Capture	Recorded Help	🚗 🆬 🗙 🖿 📃 🔀
Re/programming, Configuration	Precaution	Select Program Data	Confirm Vehicle Condition 9/11
Select Program Data			
Touch and select the rep In case no reprog/program reprog/programming data	rog/programming data listed b mming data is listed below, con in CONSULT.	elow. firm the vehicle selection, VIN ar	
System	ENGINE		
Current Part Number	Part Number After Rep	oro/programming Oth	er Information
X00000X-X0000X	XXXXXX-XXXXXXX	x00000000	xxxxxxxxxxxxxx
XXXXXXX-XXXXXXXX	X00000X-X00000X	2000000000	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
			Next

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.

Ver.CSP44.21		States
Back Eight Back Print Screen	Screen Measurement Recorded Data	
Configuration	Confirm Vehicle Condition	Transfer Data 11/12
User Authentication		
SECUREAUTH		
Daimler WS		
	Please enter your UserID below.	
	Username:	
	Password:	
	Submit	
Restart Login		Severally
	Copyright 2015 SecureAuth Corp. All rights reserved.	

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 (reprogramming does <u>not</u> complete), refer to the information on page 8.

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





NOTE:

- In the next steps, starting on page 9, you will perform Throttle Valve Closed Position, Idle Air Volume Learn, Accelerator Closed Position, and DTC erase.
- These operations are required before C-III plus will provide the final reprogramming confirmation report.

ECM recovery:

Do not disconnect plus VI or shut down Consult 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.

CONSULT-II plus Ver	VN	Usticle		Country : Jacon
Back Hone Print S	iceer Castus Mode	Kessitas Data Help	12.3V VI MI	-
So resprograming, onlightion	Transfer Data	Confirm Result		1313
Confirm Result				
Reprogramming or program operation on his ECU. Touch "Retry" to retry reprog	ning is not completed propertly, premming or programming.	but you can retry reprog	/programming	R
Part number after Reprogramming		284B2-XXX0	CX.	
Part number before Reprog/programming		284B2-XX00	(X	
Vehicle		QASHQAI		
VIN		SJNFDNJ10U10	00000	
System		BCN		
Date		26/07/2011 16:3	30.00	Retry
Error Code				
Comment				Print

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 / VI cables are securely connected.
- All C-III plus updates are installed.
- Select <u>Home</u>, and restart the reprogram procedure from the beginning.

	MN	Vehicle : CLASHQAJ	County : Japan
Bark Hone Print Screen	Streen Node	Neordad Help 43.70	🕂 💥 🖿 💻 🔀
Re/programing.	Transfer Data	Confirm Result	99
Confirm Result			
Reprogramming is not completed prog -Print this screen as needed. Confirm with precedure. -Restart CONSULT with disconnecting	early. CONSULT version, IGN g VI once, and start the	/Power switch position, shift position reprogramming again.	hand etc
Part number after		01100 VVVVV	
Reprog/programming		26402-33333	
Reprogramming Current part number		284E2-3XXXX 284E2-3XXXXX	
Reprog/programming Current part number Vehicle		28462-3XXXX 28462-3XXXX QASHQAI	
Roprog/programming Current part auraber Vehicle VIN		25462-30003 25462-30003 QASHQAI GUNEDINJ 19U100000	
Roprog/programming Current part number Vehicle VIN System		28462-XXXX 28462-XXXXX QASHQAI SJNFDNJ10U100000 BCM	
Reproy'programming Current part number Vehicle VIN System Date		24462-XXXXX 28462-XXXXX QASHQAI SUNFDNJ19U100000 BCM 25107/2911 16:30:00	
Roprog/programming Current part number Vehicle VIN System Dete Information		25462-300000 25462-300000 GUNEDINJ10U100000 BCM 25/0012911116:30:00	

Figure 7

11. Follow the on-screen instructions to perform the following:

- Throttle Valve Closed Position.
- Idle Air Volume Learn (IAVL).

NOTE:

- > Listed below are common conditions required for IAVL to complete.
- If IAVL does not complete within a few minutes, a condition may be out of range.
- Refer to the appropriate ESM for specific conditions required for the vehicle you are working on.
 - Engine coolant temperature: 70 -100°C (158 212°F)
 - Battery voltage: More than 12.9V (At idle)
 - Selector lever: P or N
 - Electric load switch: OFF (Air conditioner, headlamp, rear window defogger)
 - o Steering wheel: Neutral (Straight-ahead position)
 - Vehicle speed: Stopped
 - Transmission: Warmed up
- Accelerator Pedal Close Position Learning
- Erase DTCs

Continue to the next page.

- 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 Back Print Screen Capture	Measurement Mode Recorded Data	🚓 🚚 🗙 🖿 🔜 🔀				
Configuration	se All DTCs Print Result / Operation Complete	18/18				
Print Result / Operation Complete						
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 23710 13 23710					
Vehicle	*****					
VIN	*****					
System	ENGINE	Step				
Date	11/3/201× 2:10:21 AM					
		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 "CM" line claim using the following claims coding:

CAMPAIGN ("CM") ID	DESCRIPTION	OP CODE	FRT
DM927	Reprogram ECM	PM8270	0.4 hrs.
PIMO27	Does Not Require ECM Reprogram	PM8272	0.3 hrs.

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NTB18-049