

Technical Bulletin

SERVICE BULLETIN

EC12-031

NTB12-108

November 28, 2012

Date:

2013 VERSA SEDAN WITH A/T; DELAYED THROTTLE RESPONSE AT ENGINE START

APPLIED VEHICLES:2013 Versa Sedan (N17) - with 4-speed A/T ONLYAPPLIEDVehicles built before:VIN & DATE:3N1CN7AP(*)D(*) 296352 // October 24, 2012

IF YOU CONFIRM

For the first 4-6 seconds after starting the engine, throttle response is delayed when pressing the accelerator pedal in any gear position.

ACTION

- 1. Refer to step 6 in the **SERVICE PROCEDURE** to confirm this bulletin applies to the vehicle you are working on.
- 2. If this bulletin applies, reprogram the ECM.

CLAIMS INFORMATION

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

Description	Op Code	PFP	SYM	DIAG	FRT
Reprogram Engine Control Module - ECM	DE97AA	(1)	ZE	32	(2)

(1) Refer to the electronic parts catalog (FAST) and use the ECM assembly part number as the Primary Failed Part (PFP).

(2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated flat rate time.

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 <u>entire</u> 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

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 a battery charger to the vehicle battery. If the vehicle battery voltage drops 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 Open ASIST on the CONSULT PC and 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.

	CONSULT-III plus Ver.V12.12.00 VIN:-	Vehicle : -	Country : U.S.A.
	Back Horrie Print Screen Capture	Moseurement Mode Data @ Help 11.8V	
	Connection Status	Diagnosis Menu	
	Serial No. State	Diagnosis (Or	ne System)
VI is recognized	VI 2300727 Normal Mode conne	e/Wireless	I Systems)
	MI - No conn	ection	ing, Configuration
	Select VI/MI		
	Application Setting Sub mode	uage Setting Maintenance	
	VDR		
		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 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	Home Print Screen	Screen Capture	Recorded Data	11.8V VI	× = _ X
SC Re/pro	ogramming, figuration	Operation Selection	Save ECU Data		7/7
Save ECU Data	1. The second				
Operation log after operatio		operation by selecting s	umber as listed below to uitable operation log. Ope	ration log is era	sed
File Label			XXXXXXXXXXXXXXXXXXXXXXXXX		
Operation			REPROGRAMMIN	3	
System	6A: <u>Curre</u>	nt ECM P/N	ENGINE		
Part Number	1		23710	-	
Vehicle			*****	x	
VIN			******	×	
Date			11/1/201× 1:22:16 A	м	Save
		-			Save
-					

Figure 2

- B. Compare the P/N you wrote down to the numbers in the **Current ECM Part Number** column in **Table A**, below.
 - 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 <u>does not apply</u>. Close C-III plus and refer to ASIST for further diagnostic information.

Model	Current ECM Part Number: 23710-
2013 Versa Sedan with 4-speed A/T	9KA3B

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.

IMPORTANT: If C-III plus locks up or freezes at this point or displays "cannot complete reprogramming, CONSULT PC is set up with User Rights. Reprogramming can be completed with Administrator log in", the TOUGHBOOK settings need to be changed so that Users have full access rights. See your Dealership's IT System Administrator for details.

CONSULT-III plus Ver.	VIN;	Vehicle :		Country : U.S.A.
Back Horne Print Screen	Screen Capture	Recorded Data	11.8V VI MI	
Re/programming, Configuration	Precaution	Select Program Data	Confirm Vehicle Condition	9/11
Select Program Data				
Touch and select the reprog/pr In case no reprog/programming reprog/programming data in CO	data is listed below, confir NSULT.		and	
System	ENGINE			
Current Part Number	Part Number After Repro	/programming C	ther Information	
XXXXXXXXXXXX XXXXXXXXXXXX	xxxxxxx xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx		xxxxxxxxxxxxxxxx xxxxxxxxxxxxxx	
			0/0	Next

Figure 3

8. When the screen in Figure 4 displays, reprogramming is complete.

NOTE: If the screen in Figure 4 does <u>not</u> display (reprogramming does <u>not</u> complete), refer to the information on page 7.

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

CONSULT-III plus Ver.	VIN:	Vehicle :		Country ; U.S.A.
Back Home Print Screen	Screen Capture Mode		12.8V VI MI	
Configuration	Transfer Data	Confirm Result		12/12
Confirm Result				
Reprogramming or programming Touch "Next" to continue operatio	is completed. n.			
			Step 10	Next



NOTE:

- In the next steps, starting on page 8, 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 C-III plus if reprogramming does not complete.

If reprogramming does <u>not</u> complete and the "!?" icon displays as shown in Figure 5:

- 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 on</u> <u>first attempt and can be</u> <u>selected more than once</u>.

CONSULT IT must Ner	MM.	UNINER		Combr. Jacon
ano Prin Scree	and an and a second	warden Holp		
naprograming		Contrin Great		13/13
contirm Result				
Repogramming or progamming is not operation on this ECU Touch "Reny" to resty reprogramming		but you can retry reprogrip	ogramming	R
Part number after Reprographing		28482-XXXXX		
		25452-XXXXX	¢	
lloprog/programming		25462-XXXXX QASHQAI		
Naprag/programming Vehicle				
Reprogramming Vehicle VIN		CASHQAI		
Farinumber before Reprogramming Vehicle ViM System Bete		QASHQAI SJNFDNJ10U100	200	Potry
Reprogragergramming Vehicle Villa System		QASHQAI SJNFON 1100 1200 DCM	200	Petry

Figure 5

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

- 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.

CONSULT-ILIEUS VY.	γiN	Venicle (CASHQA)	County (Jean
+ HINE Print Screen	Separa Real ageneration		🐙 💥 💻 🛄 🔀
Relprograming		Dorfern Roma	9/9
ionfim Result			
Reprogramming is not completed pro -Print this screen as needed. Confirm with precedure. -Restain CONSULT with disconnection	CONSULT version, IG	BN/Power switch position, shift position a reprogramming again	hand etc
Part maniper after Reprog/programming		28482-XXXXX	
and the second sec			
		284E2-XXXXX	
Current part number		284E2-3XXXX QASHQAI	
Current pert number Vehicle		and the second second	
Current part number Vehicle VIN		OVEHONI	
Current part auniter Vehicle VIN System Date		OASHQAI SJNFDNJ 19U100000	
Current gert number Vehicle VIN Syseent		OASHOAI DUNFDHU IOU ISODOO BCM	

Figure 6

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 Electronic Service Manual (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)
 - 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 7 will display.
- 13. Verify the before and after part numbers are different.
- 14. Print a copy of this screen (Figure 7) and attach it to the repair order for warranty documentation.
- 15. Select Confirm.

G CONSULT-III plus Ver	VIN:	Vehicle :		Country : U.S.A.
Back Back Print Screen	Screen Capture	Recorded Data	14.3V VI MI	
Re/programming, Configuration	Erase All DTCs	Print Result / Operation Complete		18/18
Print Result / Operation Complete				
All tasks are completed. Confirm I In case CONSULT can NOT immed temporally storage of this page. To Data Folder'' on desk top, and ope	liately access to LAN buch "Screen Capture	or printer, Screen Capture func ", and save it. Screen capture d	tion is available for ata is in "CIII plus	
Part number after Reprog/programming	Step	23710		
Part number before Reprog/programming	13	23710		
Vehicle		*****		
VIN		*****		
System		ENGINE	Step	Print
Date		11/3/201× 2:10:21 AM	14	
			Step	Confirm
			1/1	

Figure 7

16. Close C-III plus.

17. Turn the ignition OFF.

18. Disconnect the plus VI from the vehicle.

19. Test drive the vehicle and make sure it operates correctly and the MIL is OFF.

- If the MIL comes ON, go back to ASIST for further diagnostic information.
- Diagnosis and repairs beyond ECM reprogramming are not covered by this bulletin.