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SERVICE BULLETIN

Technical Bulletin

EC13-007

NTB13-054

May 16, 2013

Date:

2013 ALTIMA SEDAN; ENGINE STOPS ON ACCELERATION FROM A STOP AFTER 15 MINUTE IDLE, OR AFTER REFUELING

APPLIED VEHICLE: 2013 Altima Sedan (L33) with QR25DE (4-cyl) engine ONLY

IF YOU CONFIRM:

The engine of an applied vehicle stops <u>only on the first attempt of accelerating from a stop</u> after either of the following conditions:

- The engine has been idling for 15 minutes or longer.
- The vehicle was just refueled.

ACTION:

Confirm this bulletin applies.

• Compare the vehicle's current ECM part number to those listed in **Table A** (see page 4).

If the ECM part number does not match one listed in Table A, this bulletin does not apply. Go back to ASIST for further diagnostic and repair information.

If this bulletin applies, reprogram the ECM.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reprogram Engine Control Module	(1)	DE97AA	ZE	32	(2)

(1) Reference the Repair Order and use the <u>current</u> ECM P/N written down in step 6 of the **SERVICE PROCEDURE** as the PFP.

(2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated FRT.

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

- 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) Reprogramming" general procedure.

Preparation for Reprogramming

- 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

NOTE:



Figure A

- After ECM reprogramming is complete, you will be required to perform Throttle Valve Closed Position, Idle Air Volume Learn (IAVL), and Accelerator Closed Position.
- The above conditions are required for the IAVL to complete.

CAUTION:

- Connect a battery charger to the vehicle battery. The vehicle battery voltage must stay between <u>12.0V and 15.5V</u> during reprogramming, <u>or the ECM may</u> <u>be damaged</u>.
- Be sure to turn OFF all vehicle electrical loads. If a vehicle electrical load remains ON, the ECM may be damaged.
- 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</u> <u>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.
 - The **Serial No.** will display when the plus VI is recognized.
- 4. Select Re/programming, Configuration.

Step 3	CONSULT-III plus Ver.V12.12.00 VIN:- Back Image: Consection Status Image: Consection Status Connection Status Serial No. Status VI 2300727 Image: Connection Status Mil - Image: Connection Status	rded Help
	Application Setting Sub mode Language Setting VDR Figu	Maintenance
	i iyu	

5. Follow the C-III plus on-screen instructions and navigate 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 current	ECM Part Number	(P/N).
			\• <i>•</i> • •	<i>.</i> .

GONSULT-III plus Ver	VIN.	Vehicle :		- 0	Country : U.S.A.
Image: Back Image: Back	Screen Capture	Recorded Data	11.8V VI	MI	
Configuration	Operation Selection	Save ECU Data			7/7
Save ECU Data					
Touch "Save" to save operation to Operation log helps to restart next after operation has completely finis	operation by selecting			ased	
File Label		****			
Operation		REPROGRAMMING			
System	Current P/N	ENGINE			
Part Number		23710			
Vehicle		*******	:		
VIN		******			
Date		11/1/201× 1:22:16 A	и		
					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>. Return to ASIST for further diagnostic and repair information.

Model	Current ECM Part Number: 23710 -
2013 Altima Sedan with QR25DE Engine	3TA0A, 3TA0B, 3TA0C, 3TA1B, 3TA1C, 3TA1D, 3TA6A, 3TA7A, 3TA8A, 3TA6B, 3TA7B, 3TA8B, 3TY0A, 3TY1A, 3TY0B, 3TY1B, 3TY0C, 3TY1C, 3TY6A, 3TY7A, 3TY8A, 3TY6B, 3TY7B, 3TY8B

Table A

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

NOTES:

- 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.

G CONSULT-III plus Ver.	VIN:	Vehicle :		Country : U.S.A.
Back Prir	nt Screen Capture Mode	Recorded Data	11.8V VI MI	
Re/programming, Configuration	Precaution	Select Program Data	Confirm Vehicle Condition	9/11
Select Program Data				
	rog/programming data listed b nming data is listed below, con in CONSULT.		N and	
System	ENGINE			
Current Part Number	Part Number After Rep	pro/programming	Other Information	
XXXXXX-XXXXXXXX	XXXXXX-XXXXXXX	2000000	000000000000000000000000000000000000000	
XXXXXX-XXXXXX	XXXXXX-XXXXXXX	XXXXXXXX	000000000000000000000000000000000000000	
			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 the next page.

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

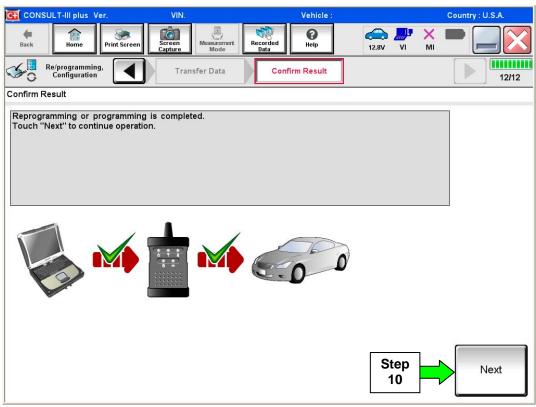


Figure 4

NOTES:

- In the next steps (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 not 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</u> on first attempt and can be selected more than once.

	VN	Vanide .		Country Lacon
Back Hone Prin Screen	Altan Altan Altan	Secondari Data	12.3V VI MI	-
So conigition	Transfer Date	Cortim Resul		1313
Confirm Result				
Reprogramming or programming is not operation on this ECU. Touch "Reny" to retry reprogramming		sut you can retry reprogip	rogramming	R
Part number after Reprogragismining		26482-30000	(
Part number before Reprog/programming		28482-XXXXX	(
Vehicle		QASHQAI		
venicie				
VIN		SJNFDNJ10U100	000	-
		0000-0000000	000	
VIN		SJNFDNJ10U100	2889) 988	Retry
VIN System		SJNFDNJ10U100 BCM	2889) 988	Retry

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).

6

- 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.

County : Japan	Vehicle (CLASHQA)	VIN.:	- Vir	SULT-IL DUS	CON
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99	Corlinn Result	Treveter Data		Re/programity configition	50
				Result	Confirm
position and etc	3N/Power switch position, shift pos e reprogramming again.	m CONSULT version, K		tis screen as r icedure.	-Print th with pre
	284E2-XXXXX			umber after /programming	
	284B2-XXXXX			(part number	Current
	QASHQAI			6	Vehicle
	SUNFDNJ10U100000				VIN
	всм			6	System
	25/07/2011 16:30:00				Date
				ation	Informa
Print)ode	Error O
				ode:	Error C

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 the conditions required for IAVL to complete.
- If IAVL does not complete within a few minutes, a condition may be out of range.
 - Engine coolant temperature: 70 -100° C (158 212°F)
 - Battery voltage: More than 12.9V (At idle)
 - o 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 (ATF TEMP SE less than 0.9V)

• 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.

CONSULT-III plus Ver VIN	: Vehicle :	Country : U.S.A.		
Back Back Print Screen Capture	Messremert Mode Recorded Data G	🕞 🦊 🗙 🖿 🔜 🔀		
Re/programming, Configuration	ase 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 "ClII plus Data Folder" on desk top, and open the folder named "ScreenImages".				
	23710 13			
Reprog/programming	23710			
Vehicle	*****			
VIN	******			
System		Step		
Date	11/3/201× 2:10:21 AM			
		Confirm		

Figure 7

16. Close C-III plus.

17. Turn the ignition OFF.

18. Disconnect the plus VI from the vehicle.