

Reference:

Date:

HA23-004A

NTB23-032A

May 11, 2023

HVAC BLOWER DOES NOT OPERATE ON COLD STARTS

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

APPLIED VEHICLES:	2021-2023 Rogue (T33)
APPLIED DATES:	2021-2022: All 2023: VINs starting with 5N1 – built before November 22, 2022 VINs starting with JN8 – built before October 24, 2022

IF YOU CONFIRM

The HVAC blower does not operate during vehicle cold starts,

AND

The HVAC blower will start to operate when the A/C is toggled ON and OFF.

ACTION

Follow the SERVICE PROCEDURE to:

- 1. Confirm the current A/C Amplifier part number.
- 2. Follow steps 17 and 18 on page 8 to determine if the A/C Amplifier must be replaced, can be reprogrammed, or if this bulletin does not apply.

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.

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: 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.

NOTICE

- 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 A/C Amplifier may be damaged</u>.
- Be sure to turn OFF all vehicle electrical loads.
 If a vehicle electrical load remains ON, <u>the A/C Amplifier 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 A/C Amplifier 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 or VI during reprogramming, reprogramming may
 be interrupted and the A/C Amplifier may be damaged.
- 1. Confirm that the CONSULT PC is connected to Wi-Fi.
- 2. Connect the VI to the vehicle.
- 3. Start C-III plus.
- 4. If prompted, select **USA/CANADA Dealers** from the drop down menu, and then select **OK.**
- 5. Login using your NNAnet credentials.

IMPORTANT: If not prompted to enter your username and password, the CONSULT PC may not be connected to Wi-Fi. Close C-III plus, confirm the CONSULT PC is connected to Wi-Fi, and then reopen C-III plus.

- 6. Wait for the VI to be recognized.
 - The serial number will display when the VI is recognized (Figure 1 on page 3).

7. Select **Re/programming, Configuration**.

	Connection Status		Diagnosis Menu
	Serial No.	Status	Diagnosis (One System)
VI is gnized	VI 232665 2	Normal Mode/Wireless	Diagnosis (All Systems)
			Diagnosis (All Systems)
	MI -	No connection	Re/programming,
	Select VI/M	ЛІ	Immobilizer
	Application Setting		
	Application Setting Sub mode Image Language Sub mode Setting		Maintenance
	VDR		

Figure 1

8. Check the box to confirm the precaution instructions have been read, and then select **Next**.

HINT: Use the arrows (if needed) to view and read all the precautions.

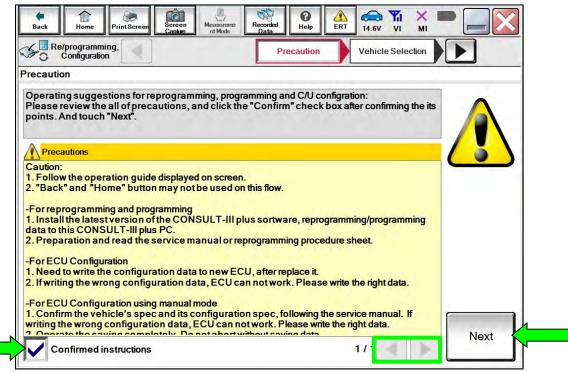


Figure 2

9. Select Automatic Selection(VIN).

Re/programmir Configuration	Print Screen Scree Captu	Precaution	Vehicle Selection	Vehicle Confirmation	
Automatic Se	election(VIN)	elec	tion(Vehicle Name)		
Vehicle Name :				Model Year :	Salés Chànnel
*MURANO Camp:P8201	JUKE	QUEST			NISSAN
350Z	LEAF	ROGUE			INFINITI
370Z			1		
370Z Convertible					
ALTIMA	EX	AMPLE			
ALTIMA Hybrid					
ARMADA	NV	VERSA Sedan			-
CUBE	PATHFINDER	XTERRA			CLEAR
FRONTIER	PATHFINDER ARMADA	X-TRAIL			
			1/1	0/0	Select

Figure 3

10. Allow C-III plus to perform automatic VIN selection.

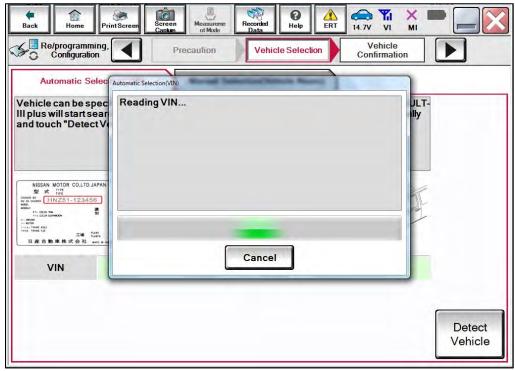


Figure 4

11. Confirm the VIN or Chassis # is correct, and then select Confirm.

Back Home PrintScreen	Measureme nt Mode Recorded Data	
Configuration	Icle Selection Vehicle Confirmation	
Please confirm selected information vehicle, touch "Change".	and touch "Confirm". In case you want to select another	
VIN or Chassis #	****	
Vehicle Name :	ROGUE	
ModelYear	2021MY	
	1/1	
		Change
		Confirm

Figure 5

12. Allow the **System call** to be performed.

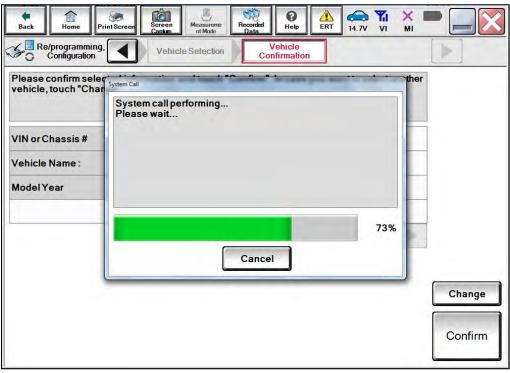


Figure 6

13. Confirm the VIN is correct for the vehicle, and then select **Confirm**.

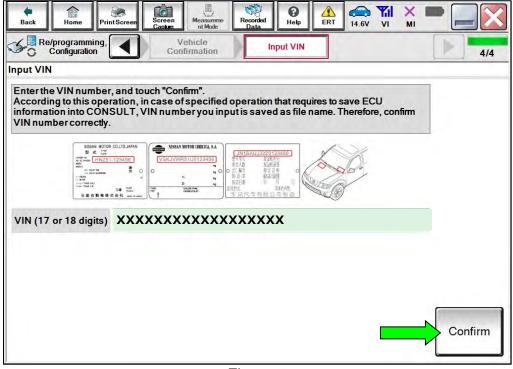


Figure 7

14. Select HVAC.

Selection		
"system". e ECU you want to operate is not listed	below, the vehicle or model year might b	be selected wrong.
ENGINE	METER/M&A	нуас
MULTI AV	всм	TRANSMISSION
		2
ABS	CAN GATEWAY	
ABS	CAN GATEWAY EV/HEV	

15. Select Reprogramming.

Configuration		
Operation Selection		
Touch "Operation". In case over write current ECU, touch In case replacement of ECU, select an	n "Reprogramming". operation in REPLACE ECU category.	
REPROGRAMMING		
	In case you want to reprogramming ECU	touch "Reprogramming"
Banzagramming		, to soli i topi ogi animing .
Reprogramming		, oo saa toop og samming .
Reprogramming Replacement OF ECU		, , , , , , , , , , , , , , , , , , , ,
Replacement OF ECU	After ECU Replacement	Touch "Before ECU Replacement", Operation log with part number is sav to CON SULT.
Replacement OF ECU Programming (Blank ECU) Before ECU		Touch "Before ECU Replacement", Operation log with part number is say

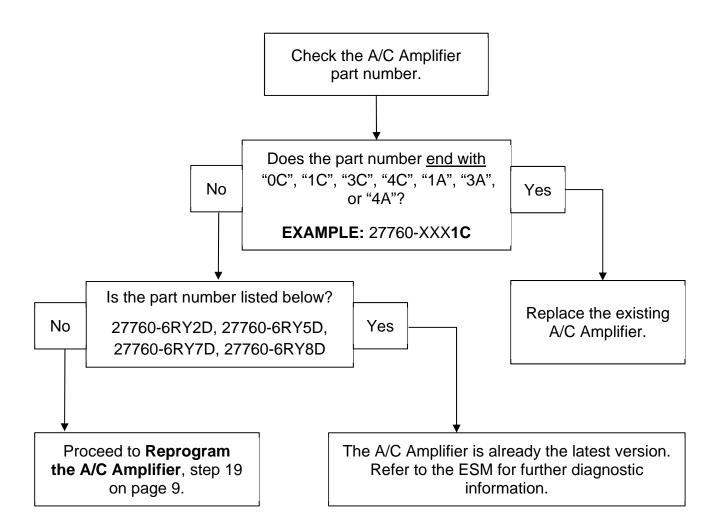
Figure 9

16. Find the A/C Amplifier **Part Number** and write it on the repair order, and then select **Save**.

HINT: This is the current Part Number (P/N).

	Operation Selection Save ECU Data	8/8
ave ECU Data		
	g and the current part number as listed below to CONSULT. operation by selecting suitable operation log. Operation log is erased hed.	
File Label	****	
Operation	REPROGRAMMING	_
System	HVAC	
oyacan		
	ххххххх	
Part Number	XXXXXXX T33ROGUE	1
Part Number Vehicle VIN		

Figure 10



17. Are the last two (2) characters of the part number "0C", "1C", "3C", "4C", "1A", "3A", or "4A"?

YES: Replace the A/C Amplifier.

 Refer to the ESM: VENTILATION, HEATER & AIR CONDITIONER > HEATER & AIR CONDITIONING CONTROL SYSTEM > AUTOMATIC AIR CONDITIONING > REMOVAL AND INSTALLATION > A/C AMP

NO: Proceed to step 18.

18. Is the part number 27760-6RY2D, 27760-6RY5D, 27760-6RY7D, or 27760-6RY8D?

YES: The A/C Amplifier is already the latest version. Refer to the ESM for further diagnostic information.

NO: Proceed to step 19 on page 9 to perform **Reprogram the A/C Amplifier**.

Reprogram the A/C Amplifier

- 19. Follow the on-screen instructions to navigate C-III plus and reprogram the A/C Amplifier.
- 20. Select Next, and then proceed to step 21.

HINT: When the screen in Figure 11 displays, A/C Amplifier reprogramming is complete. If the screen in Figure 11 does <u>not</u> display (indicating that reprogramming did <u>not</u> complete), refer to the information on the next page.

i Back	Home	Print Screen	Screen Capture	Messascrivert Mode	Recorded Data	O Help	12.8V	 <mark>х в</mark>	
50 ª	te/programming Configuration		Transf	er Data	Confi	rm Result		1	12/12
Confirm Re	esult				-				· · · · · · · · · · · · · · · · · · ·
Reprogra	Imming or pinet		s completed			0 0)		
							I		Next

Figure 11

- 21. Follow the on-screen instructions to perform **Erase All DTCs**.
- 22. Print a copy of the confirmation screen and attach it to the repair order for warranty documentation, and then select **Confirm**.

A/C Amplifier Recovery:

Do not disconnect the 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 12:

- Check battery voltage (12.0 V 15.5 V).
- Ignition is ON, engine is 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</u> <u>through on first attempt</u> <u>and can be selected more</u> <u>than once</u>.

	WN.	Unitide		Country areas
State Hono Print Scorer	Martin Martin	enter Hot	12.3V VI MI	
senigator	Construction of	Contine Resol		13/13
Confirm Result				
Reprogramming or progamming is not a operation on this ECU. Touch "Reny" to retry reprogramming or Touch "Reny" to retry reprogramming or		you can retry reprogé	programming	R
Part number after Reprogramming		XXXXXX		
and the second second second				
		XXXXXX		
Reprog/programming		xxxxxx xxxxxx		
Roprog/programming Vehicle	-		X	
Roprog/programming Vehicle VIN		XXXXXX	x	
Reprogragingsminning Vehicle Villi System		XXXXXX XXXXXXXX	x	Rety
Peri number zehre Beprogipregnimming Vehicle VIN System Dete Error Gode		XXXXXXX XXXXXXXXX XXXXXXXX	x	Print

Figure 12

If reprogramming does <u>not</u> complete, and the "X" icon displays as shown in Figure 13:

- Check battery voltage (12.0 V – 15.5 V).
- CONSULT A/C adapter is plugged in.
- Ignition is ON, engine is 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-ILIBUE Wr	VIN Vehicle:	County Haten
a sone Phit Scree	Creat Alexander Alexander Health	
C Relprograming.	Cerlin Resul	010 St
onfirm Rosult		
with procedure.	eny CONSULT vension, IGN/Power switch position, sh Vilonse, and start the reprogramming again	nit position and etc
	XXXXXX	
Reprog/programming	xxxxxx	
leprogramming Summit part number		
Reprogramming Sument part number Vehicle	хххххх	
Roprogramming Sumen' part number Velsele	xxxxxx xxxxxx	
Reprogramming Sument part number Votriele VIN	XXXXXX XXXXXX XXXXXXXX	
Par manior after Reprogragerogramming Summer part number Vehicle VIN System System Sate	XXXXXX XXXXXX XXXXXXX XXXXXXXXX XXXXXXX	

Figure 13

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
A/C AMPLIFIER	(1)	1 If Needed

(1) Refer to the Electronic Parts Catalog (EPC) and use the VIN to lookup the part number.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reprogram A/C Amplifier	(1)	TX55AA	ZE	32	0.5

OR

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace A/C Amplifier	(1)	TH42AA	GB	32	(2)

(1) Reference the EPC and use the A/C Amplifier (27760-****) as the Primary Failed Part (PFP).

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

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION	
April 12, 2023	NTB23-032	Original bulletin published	
May 11, 2023	NTB23-032A	Page 8 and CLAIMS INFORMATION revised	