

Date:

HA21-002B

NTB21-071B

March 24, 2022

AUTO HVAC CENTER VENT TEMPERATURE **DIFFERENCE GREATER THAN 5°C**

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

APPLIED VEHICLES:	2021 Rogue (T33)
APPLIED DATES:	VIN starting with 5N1 – built before March 25, 2021
	VIN starting with JN8 – built before April 22, 2021
APPLIED ENGINES:	PR25DD ONLY

IF YOU CONFIRM

The vehicle has automatic air conditioning with dual or tri-zone systems,

AND

While the driver and passenger dual climate zones are set to "Sync" (exactly the same temperature), either on manual or auto mode, there is a temperature difference of 5°C (9°F) or greater from the driver (LH) side and the passenger (RH) side center dash vents.

ACTION

Refer to step 14 on page 8 to confirm if the A/C Amplifier must be replaced, can be reprogrammed, or if this bulletin applies.

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: 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 <u>the A/C Amplifier may be damaged</u>.
- 1. Connect the VI to the vehicle.
- 2. Start C-III plus.
- 3. Wait for the VI to be recognized.
 - The serial number will display when the VI is recognized (see Figure 1 on page 3).

4. Select Re/programming, Configuration.

	Back Home Pri	nt Screen Canture Measureme Re	Coorded Help ERT 14.7V VI MI
	Connection Stat	us	Diagnosis Menu
	Serial No.	Status	Diagnosis (One System)
The VI is recognized	VI 232665 2	Normal Mode/Wireless connection	Diagnosis (All Systems)
	MI -	No connection	Re/programming,
	Select VI	/мі	
	Application Settin	g ABC Language Setting	Maintenance
	VDR		

Figure 1

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

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



Figure 2

6. Select Automatic Selection(VIN).

Back	ome Print	Screen Capt	en Mode Re	corded Data	12.2V	VI MI	-
Re/prog Config	guration		Precaution	Vehicle Selection	Vehicle C	onfirmation	
Autom	atic Selectior	n(VIN)	ect	ion(Vehicle Name)			
Vehicle Name :					Model Year :		Sales Channel
*MURANO Camp:P820	1	JUKE	QUEST				NISSAN
350Z		LEAF	ROGUE				INFINITI
370Z	1	MAXIMA	SENTRA				
370Z Convert	ible N	MURANO	TITAN				
ALTIMA	MUF	RANO Cross Cabriolet	TITAN				
ALTIMA Hybr	rid NIS	SSAN GT-R	VERSA Hatchback				
ARMADA		NV	VERSA Sedan				
CUBE	PA	THFINDER	XTERRA				CLEAR
FRONTIEF	R PA	THFINDER ARMADA	X-TRAIL				Select
				1/1	0/0		

Figure 3

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

Back Home Pi	rint Screen Canture	Measureme nt Mode	Recorded Data	P Help	ERT	14.7V		× I	
Re/programming. Configuration	, I P	recaution	Vehic	le Selectio	on	Vel Confir	hicle rmation		
Automatic Selec	Automatic Selection(VIN)	Married Ser	the State (Ver	ticle Nur					
Vehicle can be spec III plus will start sear and touch "Detect V	Reading VIN							JLT- illy	
NISSAN MOTOR CO.LTD.JAPAN BU AL THE THE DESIGN THE THE DESIGN THE DESIGN THE DESIGN THE THE DESIGN THE DESIGN THE DESIGN THE THE DESIGN THE DESIGN THE DESIGN THE DESIGN THE THE DESIGN THE DESIGN			_	_				J.	
日產自動車称式会社 woil na VIN			Cancel						
									Detect Vehicle

Figure 4

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

Back Home Print Screen Screen Cables	Measureme nt Mode Necorded Data Pelp ERT A.7V VI MI A.7V MI A.7V VI MI A.7V	
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

9. Allow the System call to be performed.

Back Home	VrintScreen Cable Measureme nt Mode Recorded Data Print Screen	-
Re/programming Configuration	Vehicle Selection Vehicle Confirmation	
Please confirm sele vehicle, touch "Cha VIN or Chassis # Vehicle Name : Model Year	System call performing Please wait	
	Cancel 73%	
		Change Confirm

Figure 6

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

Back Home PrintScreen	Screen Capture nt Mode	Recorded Data	ERT 14.6		
Re/programming, Configuration	Vehicle Confirmation	Input VIN			4/4
Input VIN					
Enter the VIN number, and t According to this operation, information into CONSULT, VIN number correctly.	ouch "Confirm". in case of specified c VIN number you inpu	operation that requ ut is saved as file I	uires to save E name. Theref	CU pre, confirm	
NISSAN WOTCH COLTOLARAN R R 115 Term of word FUNZES 11234560 M 100 Word FUNZES 11234560 M 100 Word FUNZES 11234560 M 100 Word FUNZES M 100 W	NISSAN KOTOR IBEEICA, S.A. VSKJVWR51U01234560 V V N NO <	INTBAUJ3220123458 g			
VIN (17 or 18 digits) XXX	«XXXXXXXXXX	XXXXX			
					Confirm

Figure 7

11. Select HVAC.

Image: None Image: None								
ENGINE METER/M&A HVAC								
MULTI AV	ВСМ	TRANSMISSION						
ABS	CAN GATEWAY							
IPDM E/R	EV/HEV							
HEAD LAMP LEVELIZER	AIR BAG							
		1/1						

Figure 8

12. Select Reprogramming.

Back Home Print Scre	en Screen Capture	Measurement Mode	Recorded Data	Help	12.4V		
Re/programming, Configuration	System	n Selection	Operation	Selection			
Operation Selection							
Touch "Operation". In case over write current EC In case replacement of ECU, so	J, touch "Repr lect an operation	ogramming". on in REPLAC	E ECU categ	ory.			
REPROGRAMMING							
Reprogrammi Replacement OF ECU Programming (Blank ECU)	ng						
Before ECU Replacemen	t	After EC	J Replac	ement	Touch "B Operation to CONSU	efore ECU log with pa ILT.	Replacement", art number is save
VEHICLE CONFIGURATION							
Before ECU Replacemen	t	After EC	U Replac	ement	Touch "B Operation saved to (efore ECU log with co CONSULT.	Replacement", onfiguration data i

Figure 9

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

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

Back Rome Print Screen Capture	Measurement Mode Recorded Data						
Configuration Opera	tion Selection Save ECU Data	8/8					
Save ECU Data							
Touch "Save" to save operation log and th Operation log helps to restart next operatio after operation has completely finished.	e current part number as listed below to CONSULT. n by selecting suitable operation log. Operation log is erased						
File Label	****						
Operation	REPROGRAMMING	-					
System HVAC							
Part Number XXXXXXX							
Vehicle	T33ROGUE						
VIN	*****						
Date	xxxxxxxxxx	Save					

Figure 10



- 14. Compare the Part Number you wrote down in step 13 on page 7 to the numbers in the **CURRENT A/C AMPLIFIER PART NUMBER** column in **Table A** below.
 - If the last character of the part number is "C", 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
 - If the last character of the part number is "D", skip to step 15 on page 9 to continue the reprogramming procedure.
 - If the part number is not listed in **Table A**, see **CLAIMS INFORMATION**, and then refer to the ESM for further diagnostic information.

MODEL	CURRENT A/C AMPLIFIER PART NUMBER: 27760 - XXXXX
2021 Rogue	6RY(*)A, 6RR(*)C, 6RR(*)D, 6RY(*)E

Table A

Reprogram the A/C Amplifier

- 15. Follow the on-screen instructions to navigate C-III plus and reprogram the A/C Amplifier.
- 16. Select **USA/CANADA Dealers** from the drop down menu, and then select **OK**.



Figure 11

- 17. Login using your NNAnet credentials (Figure 12).
 - The CONSULT PC must be connected to the Internet (Wi-Fi or cable).
 - If you do not know your Username and Password, contact your service manager.



Figure 12

18. Select **Next**, and then proceed to step 19.

NOTE: When the screen in Figure 13 displays, A/C Amplifier reprogramming is complete. If the screen in Figure 13 does <u>not</u> display (indicating that reprogramming did <u>not</u> complete), refer to the information on the next page.

Image: Back Imag	8V VI MI	12/12
Confirm Result		
Reprogramming or programming is completed. Touch "Next" to continue operation.		
		Next

Figure 13

- 19. Follow the on-screen instructions to perform **Erase All DTCs**.
- 20. 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 14:

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

CONSULT-II plus Ver	VN Ust	He C	cuntry : Jacon
Back Bane Print Screen	Datasan Cachure Mode Nacorthad Mode		
resprograming enrigition	Transfer Data	Resul	131
onfirm Result			
Reprogramming or progamming is speration on this ECU. Touch "Reny" to retry reprogrammi	not completed propertly, but you can n ng or programming.	etry reprogiprogramming	R
Part number after	V	MANANA I	
Reprog/programming	~	*****	
Reprog/programming Part number before Reprog/programming	X	*****	
Reprog/programming Part number Sefore Reprog/programming Vehicle	X	*****	
Reprog/programming Part number sefure Reprog/programming Vehicle	X X X XXX	***** ***** ****** *****	
Reprograngsamming Part number before Begrograngsamming Vehicle VIN	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX XXX XXXXXX XXXXXXX XXXXXXX XXX	
Reprogiprogramming Part number before Reprogiprogramming Vehicle VIN System Dote	25/0	XXXXX XXXXX XXXXXX XXXXXXXX XXXX XXXX XXXX	Retry
Reprogriprogramming Part number before Reprogriprogramming Vehicle VilN System Date Error Code	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX XXX XXXXX XXXXXX XXX XXX 72011 16 30 00	Retry

Figure 14

If reprogramming does <u>not</u> complete and the "X" icon displays, as shown in Figure 15:

- 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.

	VIN	Vehicle :		County : Japan
Bark Hone Print Scree	Ectiven Cepture Notae	becarded Help	🚓 🍠 🗙	
Reviprogramiag.	Transfer Data	Confirm Result		9/9
Confirm Result				
Reprogramming is not completed pro -Print this screen as needed. Confirm with procedure. -Restart CONSULT with disconnectr	operly. In CONSULT version, IG) Ing VI once, and start the	VPower switch position, reprogramming again.	shift position and etc	
Part number after		XXXXXXX	8	
Reprog/programming				
Current part number		XXXXXX	x	1
Current part number		×××××× ×××××	8	-
Current part number Vehicle VIN		×**××* ×***×	××	-
Reprogramming Current part number Vehicle VIN System		×××××× ××××× ×××××× ××××××	××	-
Neprograppingamming Current part number Vehicle VIN System Date		×××××××× ×××××× ×××××××× ××××××××× ×××××	5 XX 2000	
Reprogramming Current part number Vehicle VIN System Date Information		XXXXXXX XXXXXXXX XXXXXXXX XXXX XXXX XXXX	XX	

Figure 15

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
A/C Amplifier	(1)	1 (as 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
Perform A/C Amplifier Software Check	(1)	TX51AA	GB	32	0.3

OR

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Perform A/C Amplifier Software Check & Update	(1)	TX52AA	GB	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
August 4, 2021	NTB21-071	Original bulletin published
October 7, 2021	NTB21-071A	Changes made throughout bulletin
March 24, 2022	NTB21-071B	APPLIED VEHICLES updated