

## Classification: Reference:

.. NTB19-031a Date: February 3, 2021

### **BEEPING NOISE WHILE TRAVELING THROUGH OPEN AREA**

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

- APPLIED VEHICLES: 2017 2018 Rogue (T32) 2017 - 2018 Rogue Hybrid (T32)
- APPLIED DATE: Hybrid // April 2017 September 2017 VINs beginning with JN8 // March 2017 – September 2017 VINs beginning with KNM // April 2017 – September 2017 VINs beginning with 5N1 // April 2017 – September 2017

### IF YOU CONFIRM

DA19-008a

Customer reports continuous beeping noise and/or the **Driving Aids** screen shown in Figure 1 flashes, especially when driving in open areas similar to Figure 2.



Figure 1



Figure 2

### ACTION

Refer to **TABLE A** on page 8 to confirm if ICC/ADAS 2 control unit reprogramming is needed.

**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

#### ICC/ADAS 2 Reprogramming

#### **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. NOTE: The CONSULT PC automatically gets applicable reprogramming data during ASIST synchronization.
- A screen print for warranty documentation can be done from the CONSULT PC during this process while still connected to the vehicle.
- No DTCs stored.
  - Use C-III plus to perform Self Diagnosis for all systems.
  - If there are any DTCs; diagnose, perform repairs, and erase DTCs **before** continuing.

- 1. Connect the plus Vehicle Interface (plus VI) to the vehicle.
  - Make sure to use the correct VI for C-III plus (plus VI).

**CAUTION:** Make sure the plus VI is securely connected. If the plus VI connection is loose during reprogramming, the process will be interrupted and the **control unit may be damaged.** 

2. Connect the AC Adapter to the CONSULT PC.

**CAUTION:** Be sure to connect the AC Adapter. If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and the **control unit may be damaged**.

- 3. Connect the GR-8 to the vehicle battery:
  - Set the GR-8 to "Power Supply" mode.

**CAUTION** : <u>DO NOT</u> use a standard GR-8 for Hybrid vehicles. Make sure to connect the GR-8 securely to the 12V battery. Make sure the battery voltage stays between <u>12.0V and 15.5V</u> during reprogramming. If the battery voltage goes out of this range during reprogramming, the **control unit may be damaged**.

4. Turn OFF all external Bluetooth<sup>®</sup> devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and the VI.

**CAUTION:** Make sure to turn OFF all external Bluetooth<sup>®</sup> devices. If Bluetooth<sup>®</sup> signal waves are within range of the CONSULT PC and the VI during reprogramming, reprogramming may be interrupted and the **control unit may be damaged**.

- 5. Turn the ignition ON with the engine OFF.
  - The engine must not start or run during the reprogramming procedure.
- 6. Turn OFF all vehicle electrical loads such as exterior lights, interior lights, HVAC, blower, rear defogger, audio, NAVI, seat heater, steering wheel heater, etc.
- 7. Turn ON the CONSULT PC.
- 8. Select CONSULT-III plus (open C-III plus).

- 9. Wait for the plus VI to be recognized.
  - Serial number will display when the plus VI is recognized.

	Back	Home Prin	t Screen Capture Mode R	ecorded Data
	Connection Status			Diagnosis Menu
Plus VI is		Serial No.	Status	Diagnosis (One System)
recognized	VI		Normal Mode/Wireless connection	Diagnosis (All Systems)
	MI	$\otimes$		
		No connection	Re/programming, Configuration	
	Select VI/MI		I	Immobilizer
	Application Setting           Sub mode         Image Setting			Maintenance
		VDR		
			Fiç	gure 3

10. Select Re/programming, Configuration.

<b>H</b> Back	Home Print	Screen Capture Mode	corded Help Til X III X			
Connec	ction Status		Diagnosis Menu			
	Serial No.	Status	Diagnosis (One System)			
VI	2300727	Normal Mode/Wireless connection	Diagnosis (All Systems)			
мі	-	$\otimes$				
	No connection					
800	Select VI/M	I	Immobilizer			
Applicat	tion Setting					
Sub mode Language Setting						
	VDR					

Figure 4

- 11. Use arrows (if needed) to view and read all precautions.
- 12. Check the box confirming the precautions have been read.
- 13. Select Next.

Back Home Print Screen Capture	Measurement Mode	
Re/programming, Configuration	Precaution	Vehicle Selection
recaution		
Operating suggestions for reprogramming, Please review the all of precautions, and clic touch "Next".	programming and C/U configration: k the "Confirm" check box after confirm	ning the its points. And
Caution		
1. Follow the operation guide displayed on a 2. "Back" and "Home" button may not be us	screen. sed on this flow.	
-For reprogramming and programming 1. Install the latest version of the CONSULT-I CONSULT-III plus PC. 2. Preparation and read the service manual	ll plus sortware, reprogramming/progra or reprogramming procedure sheet.	amming data to this
For ECU Configuration 1. Need to write the configuration data to ne 2. If writing the wrong configuration data, EC	w ECU, after replace it. CU can not work. Please write the right	t data.
For ECU Configuration using manual mode 1. Confirm the vehicle's spec and its configu configuration data, ECU can not work. Pleas 2. Operate the saving completely. Do not abo	ration spec, following the service manu e write the right data. t without saving data.	Ial. If writing the wrong
Confirmed instructions		1/1 Next

Figure 5

### 14. Select Automatic Selection(VIN).

• If the screen in Figure 6 does not display, skip to step 15.

Back Home	Print Screen	n re Measurement R Mode	ecorded Data	12.2V VI MI	
Re/programmi Configuratio	ng, 🚺 📃	Precaution	Vehicle Selection	Vehicle Confirmation	
Automatic S	election(VIN)	Manual Select	tion(Vehicle Name)		
Vehicle Name :				Model Year :	Sales Channel
*MURANO Camp:P8201	JUKE	QUEST			NISSAN
350Z	LEAF	ROGUE			INFINITI
370Z	MAXIMA	SENTRA			
370Z Convertible	MURANO				
ALTIMA	MURANO Cross Cabriolet	E	zample		
ALTIMA Hybrid	NISSAN GT-R	VERS	]		
ARMADA	NV	VERSA Sedan			
CUBE	PATHFINDER	XTERRA			CLEAR
FRONTIER	PATHFINDER ARMADA	X-TRAIL			Select
			1/1	0/0	Select

Figure 6

15. Make sure VIN or Chassis # matches the vehicle's VIN.

16. If the correct VIN is displayed, select **Confirm**.

Back Re(programming	Screen Capture	ed Per ERT 11.9V VI MI		
Please confirm selected informa	Vehicle Selection Velicion and touch "Confirm". In ca	se you want to select another vehicle,		
VIN or Chassis #		J <b>#8/#F2#F1#J1#45#0#4</b>		
Vehicle Name :		ROGUE		
Model Year		2017		
	May show 2017 OR 2018		]	
			Change	

Figure 7

17. Select Confirm.



Figure 8

### 18. Select ICC/ADAS 2.

Back Home Print Screen Screen Capture	Measurement Mode	11.9V VI MI						
Re/programming, Configuration	Input VIN System Selection	Operation Selection 5/6						
System Selection								
Touch "system". In case ECU you want to operate is not listed below, the vehicle or model year might be selected wrong.								
CAN GATEWAY	HVAC							
AIR BAG	AVM							
AUTO BACK DOOR	CHASSIS CONTROL							
ICC/ADAS	TRANSMISSION							
TELEMATICS	ICC/ADAS 2							
2/2								

Figure 9

### 19. Select Reprogramming.

Bacl	Re/programming,	en Measurement Recorded Data Pelp E	
Opera	tion Selection		
Touc In ca In ca	ch "Operation". se over write current ECU, touch " se replacement of ECU, select an op	Reprogramming". peration in REPLACE ECU category.	
	Rogramming Reprogramming	In case you want to reprogramming ECU	, touch "Reprogramming".
- Rep Pr	olacement OF ECU ogramming (Blank ECU)		
	Before ECU Replacement	After ECU Replacement	Touch "Before ECU Replacement", Operation log with part number is saved to CONSULT.
VE	HICLE CONFIGURATION		
	Poforo ECU		Touch "Before ECU Replacement",

Figure 10

- 20. When you get to the screen shown in Figure 11, confirm that a reprogram is available as follows.
  - A. Find the ICC/ADAS 2 **Part Number** and write it on the repair order.

**NOTE:** This is the <u>current</u> ICC/ADAS 2 Part Number (P/N).

Back Re/programming, Opera	tion Selection						
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 Current ICC/ADA	S 2 P/N ICC/ADAS 2						
Part Number	284P1- XXXXX						
Vehicle	T32ROGUE						
VIN							
Date	*****	Save					

Figure 11

- B. Compare the P/N you wrote down to the numbers in the **Current ICC/ADAS 2 Part Number** column in **Table A**.
  - If there is a <u>match</u>, continue with the reprogramming procedure.
  - If there is <u>not a match</u> in Table A, this bulletin does not apply. See the ESM (Electronic Service Manual) for further diagnostic information.

T	a	b	le	Α
	~		~	

MODEL YEAR		CURRENT ICC/ADAS 2 PART NUMBER: 284P1-
Rogue and Rogue Hybrid	2017 AND 2018	6FL4C, 7FF4C

21. Follow the on-screen instructions to navigate C-III plus and reprogram the ICC/ADAS 2.

• Refer to steps 1 through 20 starting on page 2 for further details.

### NOTE:

- In some cases, more than one new P/N for reprogramming is available.
  - > If more than one new P/N is available, the screen in Figure 12 displays.
  - Select and use the reprogramming option that does <u>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 Prin	t Screen Capture	Recorded Help	🗪 🎢 🗙 🖿 🔜 🔀					
Re/programming, Configuration	Precaution	Select Program Data	Confirm Vehicle Condition					
Select Program Data								
Touch and select the rep In case no reprog/progran reprog/programming data	Touch and select the reprog/programming data listed below. In case no reprog/programming data is listed below, confirm the vehicle selection, VIN and reprog/programming data in CONSULT.							
System ICC/ADAS 2								
Current Part Number	Part Number After Rep	Part Number After Repro/programming Other Information						
xxxxxxx-xxxxxxx	XXXXXXX-XXXXXXX	xxxxxxxxxxxxx	xxxxxxxxxxxx					
XXXXXXX-XXXXXXX	XXXXXX-XXXXXXX	2000000000	XXXXXXXXXXXXXX					
		0	/0 Next					

Figure 12

22. When the screen in Figure 13 displays, reprogramming is complete.

**NOTE:** If the screen in Figure 13 does not display (indicating that reprogramming did not complete), refer to ICC/ADAS 2 recovery on the next page.

23. Disconnect the GR-8 from the vehicle.

### 24. Select Next.



Figure 13

### NOTE:

- In the next steps (page 12), you will perform DTC erase.
- This operation is required before C-III plus will provide the final reprogramming confirmation report.

### **ICC/ADAS 2 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 14:

- Check battery voltage (12.0 15.5 V).
- Ignition is ON, engine OFF.
- External Bluetooth<sup>®</sup> 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 selected</u> <u>more than once</u>.

CONSULT-II plus	Ver	VN	Unticle		Country : Jacon
Back Home	Print Screen	stream schute	Necritical Data	12.3V VI MI	
sonightion		Transfer Data	Corfirm Resul		1313
Confirm Result					
Reprogramming or prog operation on this ECU Touch "Retty" to retry re	amming is no programming	t completed propertly, or programming.	but you can retry reprog/	programming	R
Part number after Reprog/programming	2		284B2-XXXX	x	
Part number before Reprog/programming	Part number before Reprog/programming		28482-XXXXX		
Vehicle			QASHQAI		
VIN			SJNFDNJ10U10	0000	
System			BCM		-
Dote			26/07/2011 16:3	0.00	Retry
Error Code					
Comment					Print

Figure 14

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

- 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-IL BUS	Ver.	MN.	Vehicle ; QASHQAI		County : Japan	
+ Bark Hone	Print Screer	Cepture Cepture Cepture	Recorded Data	(2.7V VI M		
Configlation		Transfer Esta	Confirm Result		9/9	
Confirm Result						
Reprogramming is not -Print this screen as no with precedure. -Restart CONSULT with	completed p acted. Confi th disconnect	roperly m CONSULT version, K Ing VI once, and start th	3N/Power switch position, si e reprogramming again.	nit position and etc		
Part number after Reprog/programming			284E2-XXXXX			
Current part number			284E2-XXXXX			
Vehicle			QASHQAI			
VIN			SJNFDNJ10U100000			
System			всм			
Date			25/07/2011 16:30:0	io		
Information						
Error Code					Print	

Figure 15

- 25. Follow the on-screen instructions to erase DTCs.
  - When the entire reprogramming process is complete, the screen in Figure 16 will display.
- 26. Verify the before and after part numbers are different.
- 27. Print a copy of this screen (Figure 16) and attach it to the repair order for warranty documentation.
- 28. Select **Confirm**.



Figure 16

- 29. Close C-III plus.
- 30. Turn the ignition OFF.
- 31. Disconnect the plus VI from the vehicle.

### **CLAIMS INFORMATION**

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reprogram ADAS Control Unit	(1)	RX8CAA	ZE	32	0.4

(1) Reference the electronic parts catalog and use the ADAS2 C/U (284P1-\*\*\*\*) as the Primary Failed Part (PFP).

### AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
April 9, 2019	NTB19-031	Original bulletin published
February 3, 2021	NTB19-031a	Classification number updated