

NTB21-114

December 9, 2021

Date:

FALSE ACTIVATION OF REAR AEB

APPLIED VEHICLES: APPLIED SYSTEM:

2021 Rogue (T33) Automatic Emergency Braking

IF YOU CONFIRM

If the customer states that the Rear Automatic Emergency Braking (AEB) is activating when there does not appear to be anything behind the vehicle,

AND/OR

Rear AEB activation occurs while backing down a sloped driveway.

ACTION

Perform automatic reconfiguration of the sonar control unit with C-III plus.

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-vourselfers'. 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.

Sonar Control Unit Configuration

- 1. Connect the Vehicle Interface (VI) to the vehicle.
- 2. Turn the ignition ON with the engine OFF.
- 3. Start CONSULT-III plus (C-III plus) on the CONSULT PC.
 - The serial number will display when the VI is recognized.

	Back Home Print	Screen Capture Mode	
	Connection Status		Diagnosis Menu
	Serial No.	Status	Diagnosis (One System)
VI is recognized	VI 2300727	Normal Mode/Wireless	Diagnosis (All Systems)
	мі -	\otimes	
		No connection	Re/programming, Configuration
	Select VI/MI		Immobilizer
	Application Setting	ABC Language Setting	Maintenance
	VDR		

Figure 1

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

H Back	Home Print	Screen Screen Capture Mode Reco	Image: Weight table Image: Weight table
Con	nection Status -		Diagnosis Menu
	Serial No.	Status	Diagnosis (One System)
VI	2300727	Normal Mode/Wireless connection	Diagnosis (All Systems)
м	-	\otimes	
No connection		No connection	Re/programming, Configuration
Select VI/MI			Immobilizer
Application Setting Sub Sub mode Sub Sub			Maintenance
	VDR		

Figure 2

- 5. Use the arrows (if needed) to view and read all precautions.
- 6. Check the box confirming the precautions have been read.
- 7. Select Next.



Figure 3

8. Select Automatic Selection(VIN).

	Back	Print Screen Captur	n Measurement Mode	Recorded Data	(12.2V VI MI	-
	Re/programmi Configuratio	ng, 🚺 🗌	Precaution	Vehicle Selection	Vehicle Confirmation	
	Automatic S	election(VIN)	Manual Sele	ection(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		Example		
	ALTIMA Hybrid	NISSAN GT-R	VER			
	ARMADA	NV	VERSA Sedan			
	CUBE	PATHFINDER	XTERRA			CLEAR
	FRONTIER	PATHFINDER ARMADA	X-TRAIL			Select
				1/1	010	Select
<u>1</u>			F	igure 4		

- 9. Make sure **VIN or Chassis #** matches the vehicle's VIN.
- 10. If the correct VIN is displayed, select Confirm.

touch "Chang	e".			
VIN or Chassis	s #	*****	XXXXXX	
Vehicle Name	:	ROGUE		
Model Year		2021MY		
			1/1	

Figure 5

11. Select Confirm.

Image: Back Image: Back	-			
Re/programming, Configuration Vehicle Confirmation Input VIN System Selection	4/6			
Input VIN				
Enter the VIN number, and touch "Confirm". According to this operation, in case of specified operation that requires to save ECU information into CONSULT, VIN number you input is saved as file name. Therefore, confirm VIN number correctly.				
VIN (17 or 18 digits) XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				
Confirm				

Figure 6

12. Select SONAR.

Image: Control back Image: Control back<					
ENGINE EHS/PKB METER/M&A					
MULTI AV	EPS/DAST 3	LASER/RADAR			
3ch CAN GATEWAY	ABS	всм			
6ch CAN GATEWAY	IPDM E/R	SONAR			
IVC	AIR PRESSURE MONITOR	LANE CAMERA			

Figure 7

13. Select **Configuration**.

Back Reme Print Screen Capture	Measurement Mode Recorded Data	NT 12.4V VI MI ■
Re/programming, Configuration Syst	em Selection Operation Selection	
Operation Selection		
Touch "Operation". In case over write current ECU, touch "Rej In case replacement of ECU, select an opera	programming". ation in REPLACE ECU category.	
REPROGRAMMING		
Reprogramming	n case you want to reprogramming ECO	, ouch reprogramming .
Programming (Blank ECU)		
Before ECU Replacement	After ECU Replacement	Touch "Before ECU Replacement", Operation log with part number is save to CONSULT.
VEHICLE CONFIGURATION		
Configuration		Touch "Before ECU Replacement", Operation log with configuration data saved to CONSULT.

Figure 8

14. Select START.

Back Home Print Screen	iren hture hture	× • 📄 🔛
Re/programming, Configuration	erver authentication Automatic Configuration	9/9
Automatic Configuration		
Replace ECU unit before performing of Configuration will be performed for th Touch "Start" to proceed with the Auto	onfiguration (No save data needed). e following VIN. Configuration for the selected ECU.	
VIN	XXXXXXXXXX XXXXXX	
DOWNLOAD		0%
CONFIGURATION		0%
		START

Figure 9

15. When the configuration reaches 100%, select **End**.

Home Print Screen	Image: Specific definition <th>MI 9/9</th>	MI 9/9
Automatic Configuration		
Write Configuration has been succes Touch "End" to finish operation, and t	sfully completed. o back to Home Screen. Confirm each function works correctly	
VIN	XXXXXXXXX XXXXXX	
DOWNLOAD		100%
CONFIGURATION		100%
		End
	Figure 10	

- 16. Close C-III plus and disconnect the VI.
- 17. Turn the vehicle OFF.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reconfigure Sonar Control Unit	(1)	RX0TAA	ZE	32	0.3

(1) Reference the electronic parts catalog and use the ADAS Controller Assembly (284E7 -****) as the Primary Failed Part (PFP).

AMENDMENT HISTORY

PUBLISHED DATE REFEREN		DESCRIPTION
December 9, 2021	NTB21-114	Original bulletin published