



SERVICE CAMPAIGN BULLETIN

DA21-004

NISSAN

NTB21-042

May 25, 2021

VOLUNTARY SERVICE CAMPAIGN 2021 SENTRA; SIDE RADAR SENSOR

CAMPAIGN ID #: PM981 APPLIED VEHICLES: 2021 Se

2021 Sentra (B18)

Check Service COMM or Dealer Business Systems (DBS) National Service History to confirm campaign eligibility.

INTRODUCTION

Nissan is conducting this voluntary service campaign, on certain specific model year 2021 Sentra vehicles, to replace both right and left radar sensors located under the rear bumper fascia. This service will be performed at no charge to the customer for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification number PM981 to this campaign. This number must appear on all communication and documentation of any nature dealing with this campaign.

DEALER RESPONSIBILITY

Dealers are to repair vehicles falling within range of this campaign that enter the service department. This includes vehicles purchased from private parties, vehicles presented by transient (tourists) owners, and vehicles in a dealer's inventory.

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 C-III plus software updates (if any) have been installed.
- Verify all electrical loads are off (radio, headlamps, seat heaters, etc).

Save Side Radar Configuration

- 1. Connect a battery maintainer/smart charger.
- 2. Connect the VI to the vehicle.
- 3. Turn the ignition ON, engine OFF.
- 4. Start C-III plus.
- 5. Wait for the VI to be recognized.
 - The serial number will display when the VI is recognized.

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

The VI is recognized	Back Back Connection Status Serial No. VI 2326652 MI -	Screen Capture	Image: Second state Image: Second state	
	Application Setting Sub mode	Language Setting	Immobilizer Maintenance	

7. 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.

recaution	
recaution	
Operating suggestions for reprogram	ming, programming and C/U configration:
points. And touch "Next".	
Precautions	
Caution:	
1. Follow the operation guide displaye	d on screen.
1. Follow the operation guide displaye 2. "Back" and "Home" button may not	d on screen. t be used on this flow.
1. Follow the operation guide displaye 2. "Back" and "Home" button may not For reprogramming and programming	d on screen. t be used on this flow.
1. Follow the operation guide displaye 2. "Back" and "Home" button may not -For reprogramming and programming 1. Install the latest version of the CON data to this CONSULT-III plus PC.	d on screen. t be used on this flow. ISULT-III plus sortware, reprogramming/programming
1. Follow the operation guide displaye 2. "Back" and "Home" button may not -For reprogramming and programming 1. Install the latest version of the CON data to this CONSULT-III plus PC. 2. Preparation and read the service m	d on screen. t be used on this flow. ISULT-III plus sortware, reprogramming/programming anual or reprogramming procedure sheet.
1. Follow the operation guide displaye 2. "Back" and "Home" button may not -For reprogramming and programming 1. Install the latest version of the CON data to this CONSULT-III plus PC. 2. Preparation and read the service m -For ECU Configuration	d on screen. t be used on this flow. ISULT-III plus sortware, reprogramming/programming anual or reprogramming procedure sheet.
1. Follow the operation guide displaye 2. "Back" and "Home" button may not -For reprogramming and programming 1. Install the latest version of the CON data to this CONSULT-III plus PC. 2. Preparation and read the service m -For ECU Configuration 1. Need to write the configuration data	d on screen. t be used on this flow. ISULT-III plus sortware, reprogramming/programming nanual or reprogramming procedure sheet.
1. Follow the operation guide displaye 2. "Back" and "Home" button may not -For reprogramming and programming 1. Install the latest version of the CON data to this CONSULT-III plus PC. 2. Preparation and read the service m -For ECU Configuration 1. Need to write the configuration data 2. If writing the wrong configuration data	d on screen. t be used on this flow. ISULT-III plus sortware, reprogramming/programming nanual or reprogramming procedure sheet.
1. Follow the operation guide displaye 2. "Back" and "Home" button may not -For reprogramming and programming 1. Install the latest version of the CON data to this CONSULT-III plus PC. 2. Preparation and read the service m -For ECU Configuration 1. Need to write the configuration data 2. If writing the wrong configuration data -For ECU Configuration using manual	d on screen. t be used on this flow. ISULT-III plus sortware, reprogramming/programming tanual or reprogramming procedure sheet. a to new ECU, after replace it. ata, ECU can not work. Please write the right data. mode

Figure 2

8. Select Automatic Selection(VIN).

Back Home	Print Screen	en Measurement Re	ecorded Data	(12.2V VI MI	
Re/programmi Configuratio	ng, 🚺	Precaution	Vehicle Selection	Vehicle Confirmation	
Automatic S	election(VIN)	ect	ion(Vehicle Name)		
Vehicle Name :		\bigcirc		Model Year :	Sales Channel
*MURANO Camp:P8201	JUKE	QUEST			NISSAN
350Z	LEAF	ROGUE			INFINITI
370Z	MAXIMA	SENTRA	_		
370Z Convertible	MURANO	TITAN			
ALTIMA	MURANO Cross Cabriolet	TITAN			
ALTIMA Hybrid	NISSAN GT-R	VERSA Hatchback	_		
ARMADA	NV	VERSA Sedan			
CUBE	PATHFINDER	XTERRA			CLEAR
FRONTIER	PATHFINDER ARMADA	X-TRAIL			Salaat
			1/1	0/0	Select

Figure 3

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

Back Home Print Screen	Measureme Recorded Data Print X II	
Re/programming, Vehic	cle Selection Vehicle Confirmation	
Please confirm selected information vehicle, touch "Change".	and touch "Confirm". In case you want to select another	
VIN or Chassis #	X NOCREY, I Y NOR BUCK WAR	
Vehicle Name :	SENTRA	
ModelYear	2021MY	
	1/1	
		Change
		Confirm

Figure 4

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

Back Image: Configuration Image: Configuration Image: Configuration Image: Configuration Image: Configuration Image: Configuration Image: Configuration Image: Configuration Image: Configuration Image: Configuration	
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.	
NSSAN 901010 00,110,149AN まままた。 ************************************	
VIN (17 or 18 digits) 3 XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
	Confirm

Figure 5

11. Select Side radar (Rear right).

Back Home Print Screen Canter	Measureme nt Mode Recorded Data	14.7V VI MI						
Re/programming, Input VIN System Selection Operation Selection								
System Selection	System Selection							
Touch "system". In case ECU you want to operate is not listed below, the vehicle or model year might be selected wrong.								
LASER/RADAR	Side radar (Rear left)	CHASSIS CONTROL						
всм	Side radar (Rear right)	TRANSMISSION						
SONAR	TELEMATICS	ICC/ADAS 2						
LANE CAMERA	HVAC							
AIR BAG	AVM							
2/2								

Figure 6

12. Select Before ECU Replacement.

Back Home Print Screen Captur	Measurement Mode Recorded Help	
Re/programming, Configuration	stem Selection Operation Selection	717
Operation Selection		
Touch "Operation". In case over write current ECU, touch "R In case replacement of ECU, select an ope	eprogramming". ration in REPLACE ECU category.	
REPROGRAMMING	In case you want to reprogramming ECU	, touch "Reprogramming".
Reprogramming		
Replacement OF ECU		
Programming (Blank ECU)		
Before ECU Replacement	After ECU Replacement	Touch "Before ECU Replacement", Operation log with part number is saved to CONSULT.
VEHICLE CONFIGURATION		
Before ECU Replacement	U Replacement	Touch "Before ECU Replacement", Operation log with configuration data is saved to CONSULT.

Figure 7

- 13. Verify the information on the screen is correct, and then select **Other Operation**.
 - Verify the VIN under File Label is correct.

Back Home Print Screen Capture	Measurement Recorded Data Part I.s.V VI MI					
Configuration	tion Selection Save ECU Data 8/8					
Save ECU Data						
Operation Log and Vehicle specification (Configuration data) have been saved to CONSULT. Touch "End" to back to Home Screen. And refer to Service Manual, and replace ECU. After replacement of ECU, touch "Configuration" on Home Screen to continue to write configuration.						
File Label	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					
Vehicle	SENTRA					
System	Side radar (Rear right)					
Part number/Type ID \$6355030433						
Saved Date	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					
	Other Operation End					

Figure 8

14. Select Side radar (Rear left).

Back Home Print Screen Cash	Measureme Recorded Data						
Re/programming, Input VIN System Selection Operation Selection							
System Selection	System Selection						
Touch "system". In case ECU you want to operate is not listed below, the vehicle or model year might be selected wrong.							
	Side radar (Rear left)	CHASSIS CONTROL					
ВСМ	Side radar (Rear right)	TRANSMISSION					
SONAR	TELEMATICS	ICC/ADAS 2					
LANE CAMERA	HVAC						
AIR BAG	AVM						
		2/2					

Figure 9

15. Select Before ECU Replacement.

Back Home Print Screen	ne Measurement Mode Recorded Data	
Si Configuration	ystem Selection Operation Selection	П
Operation Selection		
Touch "Operation". In case over write current ECU, touch "f in case replacement of ECU, select an op	Reprogramming". eration in REPLACE ECU category.	
REPROGRAMMING	In case you want to reprogramming EC	II touch "Penrogramming"
Reprogramming	in case you want to reprogramming EC	o, woon Reprogramming .
Replacement OF ECU		
Programming (Blank ECU)	1	Touch "Before ECU Replacement",
Before ECU Replacement	After ECU Replacement	Operation log with part number is saved to CONSULT.
VEHICLE CONFIGURATION		
Before ECU Replacement	U Replacement	Touch "Before ECU Replacement", Operation log with configuration data is saved to CONSULT.
		-

Figure 10

- 16. Verify the information on the screen is correct, and then select **End**.
 - Verify the VIN under File Label is correct.

Back Home Print Screen Capture	Mesurement Mode Recorded Data Rep Recorded Data Rep Recorded Help Recorded Data Ref Ref VI MI	-			
Configuration	tion Selection Save ECU Data	8/8			
3ave ECU Data					
Operation Log and Vehicle specification (Configuration data) have been saved to CONSULT. Touch "End" to back to Home Screen. And refer to Service Manual, and replace ECU. After replacement of ECU, touch "Configuration" on Home Screen to continue to write configuration.					
File Label	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				
Vehicle					
System					
Part number/Type ID 200000000000000000000000000000000000					
Saved Date	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Other			
		Operation			
		End			

Figure 11

- 17. Remove the VI from the vehicle and close C-III plus application.
- 18. Turn the ignition OFF.
- 19. Disconnect the battery maintainer/smart charger.

Replace Both Side Radar Sensors

- 20. Replace both side radar sensors.
 - For side radar sensor replacement, refer to the ESM section below.
 - CRUISE CONTROL & DRIVER ASSISTANCE > DRIVER ASSISTANCE SYSTEM > DRIVER ASSISTANCE SYSTEM > REMOVAL AND INSTALLATION > SIDE RADAR

IMPORTANT:

- Follow all cautions and notices in the ESM procedure.
- The Blind Spot Warning (BSW) system action test and the Rear Cross Traffic Alert (RCTA) action test <u>must be performed</u> before proceeding.
- Do not destroy the replacement sensor's shipping box or packaging. Both sensors will be returned to the parts department.

Configure Replacement Side Radar Sensors

- 21. Turn the ignition ON, engine OFF.
- 22. Connect a battery maintainer/smart charger.
- 23. Connect the VI to the vehicle.

24. Select Re/programming, Configuration.

	Back	Home Print S	icreen Capture Mode	scorded Data	
	Connection Status			Diagnosis Menu	
		Serial No.	Status	Diagnosis (One System)	
The VI is recognized	VI	2326652	لاہ ص		
			connection	Diagnosis (All Systems)	
	м	-	\otimes		
			No connection	≪ Re/programming, Configuration	
	8	Select VI/MI		Immobilizer	
	Applicat	tion Setting	_		
	SUB :	Sub mode	Language Setting	Maintenance	
		VDR			

Figure 12

25. 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.

e Back	Home	Print Screen	Screen Capture	Measureme nt Mode	Recorded Data	P Help	ERT	14.6V	Y.I VI	X I			
S Re	/programmi Configuration	ng,			Рг	ecaution		Vehicle	e Selec	tion			
Precautio	on												
Operation Please of points.	ng sugges review the And touch '	tions for re all of preca "Next".	programm iutions, ai	ning, progi nd click th	amming a e "Confirr	nd C/U co n" check	nfigrati box afi	on: er confi	rming 1	the its			
Caution:	autions												
1. Follov 2. "Back	w the operation of the	ation guide me" button	displayed may not l	on screer be used or	n this flow.								
-For reprogramming and programming 1. Install the latest version of the CONSULT-III plus sortware, reprogramming/programming data to this CONSULT-III plus PC. 2. Preparation and read the service manual or reprogramming procedure sheet.													
-For ECU Configuration 1. Need to write the configuration data to new ECU, after replace it. 2. If writing the wrong configuration data, ECU can not work. Please write the right data.													
-For ECU Configuration using manual mode 1. Configm the vehicle's spec and its configuration spec, following the service manual. If writing the wrong configuration data, ECU can not work. Please write the right data.													
Ca	onfirmed in	structions						1/1	€]		IN E	ext	

Figure 13

26. Select Automatic Selection(VIN).

	Back Home	Print Screen Scree Captu	en Measurement Re	corded Data	12.2V VI MI	-	
Ş	Re/programming, Configuration Vehicle Selection Vehicle Confirmation						
	Automatic Selection(VIN)						
	Vehicle Name :				Model Year :	Sales Channel	
	*MURANO Camp:P8201	JUKE	QUEST			NISSAN	
	350Z	LEAF	ROGUE			INFINITI	
	370Z	MAXIMA	SENTRA				
	370Z Convertible	MURANO	TITAN				
	ALTIMA	MURANO Cross Cabriolet	TITAN				
	ALTIMA Hybrid	NISSAN GT-R	VERSA Hatchback				
	ARMADA	NV	VERSA Sedan				
	CUBE	PATHFINDER	XTERRA			CLEAR	
	FRONTIER	PATHFINDER ARMADA	X-TRAIL			Select	
		1/1 0/0 Select					

Figure 14

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

Back	Home	Print Screen	Screen Capture	Measureme nt Mode	Recorded Data	() Help	ERT	14.7V	Yil Vi	× MI	
C Re	e/programmi Configuratio	ing, 💽	Vehic	cle Selection	Cor	/ehicle nfirmatior	1				
Please vehicle	confirm se , touch "Cł	elected info nange".	ormation	and touch '	'Confirm".	In case	you wa	nt to se	elect a	nothe	r
VIN or C	Chassis #				XXXXXX	(XXXXX	(X2935	X]
Vehicle	Name:			SENTRA							
Model	(ear			2021MY							
								1/1			
											Change
								[Confirm

Figure 15

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



29. Verify all the information on the screen, and then select **Confirm**.

Back Rome Print Screen	Screen Capture	Image: Weight Help Image:	-			
Re/programming, Configuration	Input VIN	peration Log Selection				
peration Log Selection						
CONSULT has the saved data relat In case you want to write the save d data list (left side), and confirm the o want to do other operation, touch "O	ed re/programming and config ata from CONSULT to vehicle E letail (right side). If the detail is ther Operation".	uration. :CU, touch and select the data in Save OK, and touch "Confirm". In case you				
Saved Data List	Saved Data Detail					
2010/03/2010/2010/201	Operation	VEHICLE CONFIGURATION				
XXXXXXXXXXXXXX	System	Side radar (Rear right)				
XXXXXXXXXXXXXXXXX	Part number/Type ID	XMXMXMX				
	Vehicle	SENTRA	Delete			
	VIN	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Other			
	Operation					
1/1 Confirm						

Figure 17

30. Select OK.

Back Home Print Screen	Screen Capture	Image: Weight Help Image:	M = _ X
Re/programming, Configuration	Operation Log Selection	onfiguration Print Resu Operation Co	ult / mplete 6/7
Write Configuration			
Following setting value for each items, Confirm setting value for each items,	n are saved to vehicle ECU. , if OK, touch "OK" to save them t	o vehicle ECU.	
Side radar (Rear right)			
	Type ID		
	xxxxxxxx		
			Cancel
	Figure 2	18	

31. Login using your NNAnet credentials.

Image: Back Imag	11/12
User Authentication	
SECUREAUTH	ĺ
Daimler WS	
Please enter your UserID below.	
Username:	
Password: Password	
Submit	
Restart Login	
Firmer 40	*

Figure 19

- 32. Select **Print**, and then select **End**.
 - Attach the printed copy of the configuration to the repair order.

Back Home Print Screen	Measurement Mode Recorded Deta	ERT 14.6V VI MI	
Re/programming, Configuration	e Configuration Print Result Operation Com	/ plete	717
Print Result / Operation Complete			
Write Configuration has been successfull Touch "End" to finish operation, and to ba	y completed. ck to Home Screen. Confirm each t	function works correctly.	
			_
	Type ID		
	XXXXXXXXX		
			Print
			Other Operation
			End
	E ' 00		

Figure 20

33. Repeat steps 24 - 32 for the left side radar sensor.

Clear DTCs

NOTE: Steps 34 - 40 will change the DTC status from Current to Past, allowing the DTCs to be cleared.

34. Turn the ignition OFF.

HINT: If the ignition does not turn OFF when the ignition button is pressed and released, press and hold the ignition button to turn OFF the ignition.

- 35. Remove the key from the vehicle.
- 36. Close all the doors.
- 37. Lock the doors with the key.
- 38. Wait a minimum of 2 minutes.
- 39. Unlock the vehicle and open the driver's door.
- 40. Turn the ignition ON.
- 41. Select Diagnosis (All Systems).



Figure 21

42. Select Automatic Selection(VIN).

Back Home	Print Screen Captu	m Measurement Re	corded Data	12.2V VI MI		
Re/programmin Configuration	Re/programming, Configuration Vehicle Selection Vehicle Confirmation					
Automatic Se	Automatic Selection(VIN)					
Vehicle Name :		\bigcirc		Model Year :	Sales Channel	
*MURANO Camp:P8201	JUKE	QUEST			NISSAN	
350Z	LEAF	ROGUE			INFINITI	
370Z	MAXIMA	SENTRA				
370Z Convertible	MURANO	TITAN				
ALTIMA	MURANO Cross Cabriolet	TITAN				
ALTIMA Hybrid	NISSAN GT-R	VERSA Hatchback				
ARMADA	NV	VERSA Sedan				
CUBE	PATHFINDER	XTERRA			CLEAR	
FRONTIER	PATHFINDER ARMADA	X-TRAIL			Salaat	
			1/1	0/0	Select	

Figure 22

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

Back Home PrintScreen Canture	Measureme nt Mode Recorded Data Recorded Help	
Re/programming, Vehin	cle Selection Vehicle Confirmation	
Please confirm selected information vehicle, touch "Change".	and touch "Confirm". In case you want to select another	
VIN or Chassis #	XXXX X R R R X X X X X X X X X X X X X	
Vehicle Name :	SENTRA	
ModelYear	2021MY	
	1/1	
		Change
		Confirm

Figure 23

- 44. Follow the on screen instructions to erase the DTCs.
- 45. Turn the ignition OFF.
- 46. Remove the VI from the vehicle.
- 47. Disconnect the battery maintainer/smart charger.
- 48. Close the C-III plus application.
- 49. Return the removed side radar sensors to the Parts Department for shipment to Nissan FQA via warranty parts return request.
 - Use the original box and packaging to return the side radar sensors.
 - Verify each side radar part number is returned in the correct box.



Figure 24

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
SENSOR ASSY – SIDE OBSTACLE WARNING (SIDE RADAR SENSOR, RH)	284K0-6LA2A	1
SENSOR ASSY – SIDE OBSTACLE WARNING (SIDE RADAR SENSOR, LH)	284K1-6LA2A	1

CLAIMS INFORMATION

Submit a "CM" line claim using the following claims coding:

CAMPAIGN ("CM") ID	DESCRIPTION	OP CODE	FRT
PM981	Replace and Configure Side Radar Sensors	PM9810	1.3

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
May 25, 2021	NTB21-042	Original bulletin published