

Date:

September 10, 2020

BR19-006c

NTB19-104c

VOLUNTARY SAFETY RECALL CAMPAIGN 2016-2018 MAXIMA. 2015-2018 MURANO AND 2017-2019 **PATHFINDER; ABS ACTUATOR**

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

CAMPAIGN ID #: APPLIED VEHICLES: R1916 and R1920 2016-2018 Maxima (A36) 2015-2018 Murano (Z52) 2017-2019 Pathfinder (R52)

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

INTRODUCTION

Nissan is conducting this voluntary safety recall campaign, on certain specific model year 2016-2018 Maxima, 2015-2018 Murano and 2017-2019 Pathfinder vehicles, to replace the ABS Actuator and Electric Unit (ABS control unit). This service will be performed at no charge to the customer for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification numbers R1916 and R1920 to this campaign. The correct number must appear on all communication and documentation of any nature dealing with this campaign.

DEALER RESPONSIBILITY

It is the dealer's responsibility to check Service COMM or Dealer Business Systems (DBS) National Service History for the campaign status on each vehicle falling within the range of this voluntary safety recall which for any reason enters the service department. This includes vehicles purchased from private parties or presented by transient (tourist) owners and vehicles in a dealer's inventory. Federal law requires that new vehicles in dealer inventory which are the subject of a safety recall must be corrected prior to sale. Failure to do so can result in civil penalties by the National Highway Traffic Safety Administration. While federal law applies only to new vehicles, Nissan strongly encourages dealers to correct any used vehicles in their inventory before they are retailed.

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.

AWARNING If the ABS light is on and there is a delay for receiving parts or completing the repair, to avoid the risk of a building fire and/or personal injury:

- Park the vehicle outside the building and away from other vehicles and structures.
- Disconnect the vehicle 12 volt battery and leave it disconnected while the vehicle is parked waiting for service.

SERVICE PROCEDURE

- 1. Replace the ABS Actuator and Electric Unit (ABS control unit).
 - Refer to the ESM: BRAKES > BRAKE CONTROL SYSTEM > WITH ICC (OR WITHOUT ICC) > REMOVAL AND INSTALLATION > ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT).
 - Follow all instructions in the ESM for ABS Control Unit replacement.

IMPORTANT: Make sure that **ADJUSTMENT OF STEERING ANGLE SENSOR NEUTRAL POSITION** and **CALIBRATION OF DECEL G SENSOR** are done as part of the ABS Control Unit replacement procedure (both are listed in the Installation section of the procedure in the ESM).

ABS CONTROL UNIT CONFIGURATION PROCEDURE

NOTICE Before starting, make sure of the following to prevent damage to the control unit:

- ASIST on the CONSULT PC has been synchronized (updated) to the current date.
- All CONSULT-III plus software updates have been installed.

HINT: Although the ABS Control Unit Configuration Procedure is provided in the ESM, the instructions on pages 2 through 8 contain additional details that may be helpful.

- 2. Connect CONSULT-III plus to the vehicle.
- 3. Turn the ignition ON.
- 4. Open / start C-III plus.
- 5. Wait for the plus VI to be recognized.
 - The serial number will display when the plus VI is recognized.

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

Back	Home Print S	icreen Screen Messrement Mode F	Recorded Data
VI	Serial No.	Status کی کار محمل Normal Mode/Wireless	Diagnosis (One System)
мі	-	Connection	Diagnosis (All Systems)
800	Select VI/MI		Immobilizer
	tion Setting —	Language Setting	Maintenance
	VDR]

Figure 1

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

e Back	Home P	int Screen Capture	Measurement Mode	ecorded Data	12.2	N VI	м	
\$ 0 '	Re/programming, Configuration			Precaution	Veh	icle Selecti	on	
Precautior	ı							
Operating Please re touch ''N	g suggestions a eview the all of p ext".	for reprogramming, precautions, and clic	programming ar k the "Confirm"	nd C/U configratior check box after co	n: nfirming the	its points.	And	
Caution: 1. Follow 2. "Back" -For repr 1. Install CONSU	the operation and "Home" ogramming and the latest version Tall plus PC	guide displayed on button may not be u d programming on of the CONSULT	screen. Ised on this flow	, reprogramming/pr	ogramming o	data to this	, (
-For ECL 1. Need 1 2. If writin	J Configuration to write the con ng the wrong c	the service manual figuration data to no onfiguration data, E	or reprogrammi ew ECU, after rej CU can not work	ng procedure shee place it. <. Please write the	right data.			
-For ECL 1. Confirm configura 2. Operat	J Configuration m the vehicle's ation data, ECU te the saving co	using manual mode spec and its configu can not work. Plea mpletely. Do not abo	e Iration spec, follo se write the righ ort without saving	owing the service n t data. g data.	nanual. If wri	iting the w	rong	Next
	onfirmed inst	ructions			1/1			

Figure 2

- 10. If the screen in Figure 3 displays, select Automatic Selection(VIN).
 - If the screen in Figure 3 does not display, skip to step 11.

Back	Print Screen	m re Measurement Mode	Recorded Help	12.2V VI MI	
Re/programm Configuration	ing,	Precaution	Vehicle Selection	Vehicle Confirmation	
Automatic S	election(VIN)	Manual Selec	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	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	
			-		

Figure 3

- 11. Make sure **VIN or Chassis #** matches the vehicle's VIN.
- 12. Select Confirm.

Back Back Print Screen Screen Capture Re/programming, Configuration Vehic	Messerenert Mode Cle Selection	
Please confirm selected information and to touch "Change".	nuch "Confirm". In case you want to select another vehicle,	
VIN or Chassis # Vehicle Name : Model Year		
	1/1	
		Confirm

Figure 4

13. Select Confirm.

Image: Back Image: Back <thimage: back<="" th=""> <thimage: back<="" th=""></thimage:></thimage:>	
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.	
NISAN WOTOR COLITS ANAMI # K THE ************************************	
VIN (17 or 18 digits)	
	Confirm

Figure 5

14. Select **ABS**.

Back Image: Configuration Image: Configuration System Selection System ''. Touch ''system''. In case ECU you want to operate is not list	Messarement Mode Input VIN System Selection ted below, the vehicle or model year might t	Operation Selection
ENGINE	AIR PRESSURE MONITOR	AIR BAG
MULTI AV	METER/M&A	HVAC
EPS/DAST 3	LASER/RADAR	AVM
ABS	всм	CHASSIS CONTROL
IPDM E/R	CAN GATEWAY	TRANSMISSION
		1/1

Figure 6

15. Select Manual Configuration.

• **<u>DO NOT</u>** select Reprogramming.

Back Rome Print Screen	iten hunserwinnet Recorded Bielo hunse VI Mi Electrical VI Mi
Configuration	System Selection Operation Selection 6/6
Operation Selection	
Touch "Operation". In case over write current ECU, touch In case replacement of ECU, select an o	"Reprogramming". peration in REPLACE ECU category.
REPROGRAMMING Reprogramming	In case you want to reprogramming ECU, touch "Reprogramming".
Replacement OF ECU Programming (Blank ECU)	
Programming	In case you want to replace ECU, you should operate followings. Before replace ECU, ECU data is saved to CONSULT. After replace ECU, CONSULT writes ECU data and programming data.
VEHICLE CONFIGURATION	
Read / Write Configuration	Manual Configuration

Figure 7

- 16. Select the correct **Type ID** number.
 - Refer to **Table A** (see page 7) for the correct **Type ID** number for the vehicle you are working on.
 - If needed, use scroll arrows to find the correct number.

NOTE: When a vehicle has only one configuration available, a list will not be displayed. Select **Next** (step 17), and C-III plus will select the correct configuration.

17. Select Next.

Back Re/programming, Configuration	Measurement Data	Help ERT 12.4V V		7/9
Manual Configuration				
Select Type ID from following table which	is equal to FAST(Service part	s catalogue), then touch "I	Next".	
ABS	Type ID			
	Example		Car	ıcel
		1/2	Ne	ext

Figure 8

TABLE A

MODEL	VEHICLE OPTIONS	TYPE ID #
2015 2010 Murana	With ICC* 2WD	47660-9UD7C
2015-2018 Murano	With ICC* 4WD	47660-9UD7D
2016 2018 Mavima	With ICC* and 18 inch wheels	47660-4RB2C
2010-2016 Maxima	With ICC* and 19 inch wheels	47660-4RB5C
	Without ICC/FEB* 2WD	47660-9PP4D
2017 Dothfindor	Without ICC/FEB* 4WD	47660-9PP4C
	With ICC/FEB* 2WD	47660-9PP2C
	With ICC/FEB* 4WD	47660-9PP5C
2019 2010 Dathfindar	2WD (All)	47660-9PP2C
2010-2019 Pathinder	4WD (All)	47660-9PP5C

* ICC = Intelligent Cruise Control; FEB = Forward Emergency Braking.

- 18. Confirm the correct Type ID number is selected.
- 19. Select OK.

ver.CSP21.10			states
Back Home Print Screen Capture	Messurement Mode	12.4V VI MI	-
Re/programming, Configuration	Manual onfiguration Write Configuration	Print Result / Operation Complete	8/9
rite Configuration			
⁻ ollowing setting value for each item are Confirm setting value for each items, if OK	saved to vehicle ECU. , touch "OK" to save them to vehicle ECU.		
ABS			
	Type ID		
	# 447 646 0# 347 A46 /4 / 46 THA \$4A#		
-			
			Cancel
L			ок

Figure 9

20. When configuration is complete, select **End**.

	ver.05P21.10					States
Back	Home Print Screen Capture	Measurement Mode Da	rded ta	A 12.4V		
\$ 0	Re/programming, Configuration Writ	e Configuration	Print Result / Operation Complete			9/9
Print Res	ult / Operation Complete					
Write C Touch	onfiguration has been successful 'End" to finish operation, and to ba	ly completed. ack to Home Screen. (Confirm each func	tion works co	rrectly.	
	ABS					_
		Type ID				
		417 06 01-317 /115 /11 /118 Ti l Ali	iAm m			
						Print
						End
				<		
		Figu	re 10			

21. After the procedure is complete (ABS control unit replaced and configured), check the ABS warning light for proper operation.



- When the ignition is turned ON, the ABS warning light illuminates for a few seconds and then turns OFF. This indicates the ABS is operational.
- If the ABS warning light stays illuminated, refer to ASIST and the ESM for further diagnosis.
- Repairs beyond ABS control unit replacement are not covered by this bulletin.

DESCRIPTION	MODEL	PART #	QUANTITY
	Murano (2WD)	47660-9UD6C	
	Murano (4WD)	47660-9UD6D	
	Maxima	47660-4RB1C	
	2017 Pathfinder (2WD without ICC/FEB)	47660-9PP1D	
ABS Control Unit	2017 Pathfinder (4WD without ICC/FEB)	47660-9PP1B	1
	2018-2019 Pathfinder (2WD and 4WD without ICC)	47660-9PP1B	
	2017-2019 Pathfinder (2WD with ICC/FEB) (4WD with ICC/FEB)	47660-9PP1B	
Brake Fluid (1)	N/A	999MP-A4100P	1

(1) Order this item through the Nissan Maintenance Advantage program: Phone: 877-NIS-NMA1 (877-647-6621). Website order via link on dealer portal www.NNAnet.com and click on the "Maintenance Advantage" link.

CLAIMS INFORMATION

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

CAMPAIGN ("CM") I.D.	MODEL	DESCRIPTION	OP CODE	FRT
R1916	Maxima and Murano	Poplace APS Control Unit	R19161	2.4 hrs
	Pathfinder		R19163	2.6 hrs
R1920	Maxima and Murano	Poplace APS Control Unit	R19200	2.4 hrs
	Pathfinder		R19201	2.6 hrs

NOTE: Refer to Service COMM or DBS to confirm the correct campaign ID number.

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION	
November 12, 2019	NTB19-104	Original bulletin published	
November 22, 2019	NTB19-104a	Table A and PARTS INFORMATION section revised	
December 23, 2019	NTB19-104b	Added 2017 Pathfinder (4WD without ICC/FEB) to PARTS INFORMATION	
September 10, 2020	NTB19-104c	Title, Campaign ID #, and CLAIMS INFORMATION revised	