



RECALL CAMPAIGN BULLETIN

Reference:

Date:

NTB16-088b

January 12, 2017

VOLUNTARY SAFETY RECALL CAMPAIGN 2015 – 2017 MURANO AND 2016 – 2017 MAXIMA ABS ACTUATOR

This bulletin has been amended. Information has been added to park the vehicle outside and disconnect the 12 volt battery while the vehicle is waiting for service; and supply the customer with a rental car if the ABS actuator requires replacement and parts are not available. Please discard previous versions of this bulletin.

CAMPAIGN ID #:	PC482
NHTSA #:	16V-636
APPLIED VEHICLES:	2016 – 2017 Maxima (A36)
	2015 – 2017 Murano (Z52)
	2016 Murano Hybrid (Z52)

Check Service COMM to confirm campaign eligibility

INTRODUCTION

Nissan is conducting a voluntary safety recall campaign on certain specific model year 2016 – 2017 Maxima, 2015 – 2017 Murano, and 2016 Murano Hybrid vehicles to inspect and, if necessary, replace the ABS Actuator and Electric Unit (ABS control unit). This service will be performed at no charge for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification number PC482 to this campaign. This number must appear on all communications and documentation of any nature dealing with this campaign.

DEALER RESPONSIBILITY

It is the dealer's responsibility to check Service Comm for the campaign status on each vehicle falling within the range of this voluntary safety recall campaign 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.

IMPORTANT: If there is a delay between vehicle arrival at the dealer and performance of the Service Procedure; <u>park the vehicle outside away from other vehicles or</u> <u>structures</u>, <u>disconnect the vehicle 12 volt battery and leave it disconnected while the vehicle is parked waiting for service</u>.

SERVICE PROCEDURE

- 1. Open the engine hood and locate the ABS Actuator and Electric Unit (ABS control unit).
 - ABS control unit is on the passenger side of the engine compartment next to the engine wall.



Figure 1A

- 2. Locate the serial number on the top of the ABS control unit next to the QR label (see Figures 1A and 2A).
 - If there is <u>no serial number</u> (the area shown in Figure 2A is blank), **skip to** step 9 for ABS control unit replacement.

NOTE: The new ABS control unit may also not have a serial number. This does not mean the new ABS control unit requires replacement.



Figure 2A

- 3. Write the 15 digit serial number on the repair order.
 - In the **example** in Figure 2A, the serial number is **032160218510127** (this is an example, your serial number will be different).

NOTE: It may be easier to take a photo of the serial number with a smart phone and then read the serial number on the photo.

- 4. Take the repair order (with the serial number) to an ASIST work station.
- 5. On the left side of the ASIST main menu, select **Tech Support Info**, then **Inventory Vehicle Actions**.



6. Select CLICK HERE (PC482-ABS Actuator Inspection).



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- 7. Type in the 15 digit serial number.
- 8. Select Check.
 - If your ABS control unit (ABS Actuator) is OK, the **OK** message shown in Figure 5A will display.
 - The screen in Figure 5A showing the 15 digit serial number and the <u>OK</u> message, MUST be printed and attached to the repair order for warranty documentation.

<u>PC482</u>	- ABS Actuator Insp 8/31/2016 8:08:44 AM	<u>pection</u>		
Please enter a 15 digit Serial Number including leading zero. Step 8 Step 7 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				
"ABS actuator is OK. 1	No repair required. Submit inspect only claim per	Campaign Bulletin"		
	Example OK message An example of the NG message is on the next page. EXAMPLE			

Figure 5A

IMPORTANT: If the ABS control unit (ABS Actuator) is OK per the check above, but the **ABS warning light is ON**:

- The vehicle should <u>not</u> be driven.
- Diagnose and repair under normal warranty, this campaign does not apply.
- If there is a delay between inspection and repair; <u>park the vehicle outside away from</u> <u>other vehicles or structures</u>, <u>disconnect the vehicle 12 volt battery and leave it</u> <u>disconnected while the vehicle is parked waiting for service</u>.

- If your ABS control unit (ABS Actuator) is NG, the Replace ABS Actuator message shown in Figure 6A will display.
- The screen in Figure 6A showing the 15 digit serial number and the <u>Replace</u> <u>ABS Actuator</u> message, MUST be printed and attached to the repair order for warranty documentation.

PC482 - ABS Actuator Inspection 8/31/2016 8:08:44 AM
Please enter a 15 digit Serial Number including leading zero.
xxxxxxxxxxxxxxXXXXXXXXXXXXXXXXXXXXXXXXX
ABS actuator condition found. Replace ABS actuator per ESM and submit appropriate claim per Campaign Bulletin Example Replace ABS Actuator message
EXAMPLE

Figure 6A

IMPORTANT: If the ABS control unit (ABS Actuator) is NG:

- The vehicle should <u>not</u> be driven.
- If parts are not available, provide the customer with a rental.
- If there is a delay between inspection and replacement of the ABS control unit; <u>park</u> <u>the vehicle outside away from other vehicles or structures</u>, <u>disconnect the vehicle 12</u> <u>volt battery and leave it disconnected while the vehicle is parked waiting for service</u>.

- 9. If the ABS Actuator and Electric Unit (ABS control unit) requires replacement:
 - If parts are not available, provide the customer with a rental.
 - Refer to the appropriate Electronic Service Manual (ESM), section BRC-Brake Control System, for replacement information.
 - Follow all instructions in the ESM for ABS Control Unit replacement.
 - **IMPORTANT:** Make sure 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 BRC section index).
 - Refer to the next page for ABS Control Unit Configuration.

IMPORTANT: If there is a delay between inspection and replacement of the ABS control unit; <u>park the vehicle outside away from other vehicles or structures</u>, <u>disconnect the vehicle 12 volt battery and leave it disconnected while the vehicle is parked waiting for service</u>.

10. 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.

ABS CONTROL UNIT CONFIGURATION PROCEDURE

NOTE: Although the ABS Control Unit Configuration Procedure is contained in the ESM, The instructions on pages 7 through 12 contain additional detail that may be helpful.

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

	CONSOLT-III plus ver.v12.12.00 viiv:-	venicle : - Country : O.S.A.
	Back Borne Print Screen Screen Mosarement Mode R	Recorded Data
	Connection Status	Diagnosis Menu
	Serial No. Status	Diagnosis (One System)
Step 4	2300727 Normal Mode/Wireless connection	Diagnosis (All Systems) Step 5
	MI - No connection	Re/programming, Configuration
	Select VI/MI	Immobilizer
	Application Setting Sub mode	Maintenance
	VDR	

Figure 1B

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

Precaution Operating suggestions for reprogramming, programming and C/U configration: Please review the all of precautions, and click the "Confirm" check box after confirming the its points. And touch "Next".	
Caution: 1. Follow the operation guide displayed on screen. 2. "Back" and "Home" button may not be used on 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. Configuration data, ECU can not work. Please write the right data. For ECU Configuration data, ECU can not work. Please write the right data. 2. Operate the saving completely. Do not abort without saving data.	
Confirmed instructions	

Figure 2B

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

	Back Home	Print Screen	m re Measurement Mode	tecorded Data	12.2V VI MI	-
	Re/programmin Configuration	ng,	Precaution	Vehicle Selection	Vehicle Confirmation	
Step 9	Automatic Se	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 3B

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

11. Select **Confirm**.

Back Back Print Screen	Messrement Mode Data	-
Re/programming, Configuration	cle Selection	
Please confirm selected information and to touch "Change".	such "Confirm". In case you want to select another vehicle,	
1		
VIN or Chassis #		
Vehicle Name :	B 37 B Z	
Model Year	E 20 5 0	
		Change
	Step 11	Confirm
1	Elaura 4D	

Figure 4B

12. 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) JA1EYA AP1C IA94041 4	
Step 12	Confirm



13. Select ABS.

Back Rome Print Screen Capture	Measurement Mode						
Configuration	Input VIN System Selection	Operation Selection 5/6					
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.							
MULTI AV	METER/M&A	HVAC					
EPS/DAST 3	tep 13	AVM					
ABS	всм	CHASSIS CONTROL					
IPDM E/R	CAN GATEWAY	TRANSMISSION					

Figure 6B

14. Select Manual Configuration.

• **DO NOT** select Reprogramming.



Figure 7B

15. Select the correct **Type ID** number.

- Refer to **Table A** below 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 16), and C-III plus will select the correct configuration.

16. Select Next.



TABLE A				
Model		Vehicle Optior	TYPE ID #	
Murano	FWD	with Intelligent C	ruise Control	47660 – 5AE2C
Marano	AWD	with Intelligent C	ruise Control	47660 – 5AA2C
Murano Hybrid		without Intelligent	Cruise Control	47660 – 5AH2E
	FWD	with Intelligent C	ruise Control	47660 – 5AH4E
		without Intelligent	Cruise Control	47660 – 5AF2E
	with Inte	with Intelligent C	ruise Control	47660 – 5AF4E
Maxima	FWD with Intelligent Cruise Control	18 inch wheels/tires	47660 – 4RB2B	
		19 inch wheels/tires	47660 – 4RB5B	

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

CONSULT-III plus Ver.43.30 Ver.CSP21.10	VIN:1N4AL3AP5FN318724	Vehicle : ALTIMA sedan L33 2015	Country : United States
Back Rome Print Screen	Screen Capture	Help ERT 12.4V VI MI	
Re/programming, Configuration	Manual Configuration	onfiguration Print Result / Operation Complete	8/9
Write Configuration			
Following setting value for each iten Confirm setting value for each items,	n are saved to vehicle ECU. if OK, touch "OK" to save them t	o vehicle ECU.	
ABS			
	Type ID		
Step 17	47660-3¶ # 5 # # 3 ## 5 #	Step 18	Cancel
,		_	

Figure 9B

19. Configuration is complete, select **End**.

CONSULT-III plus Ver.43.30 Ver.CSP21.10	VIN:1N4AL3AP5FN318724	Vehicle : ALTIMA sedan L33 2015	Country : United States
Back Back Print Screen	Screen Capture	Image: Weight of the second	
Re/programming, Configuration	Write Configuration Prin Operati	it Result / on Complete	9/9
Print Result / Operation Complete			
Write Configuration has been succ Touch "End" to finish operation, and	essfully completed. I to back to Home Screen. Confiri	n each function works correctly.	
ABS			_
	Type ID		
	47660-34TA45A, #34TA45A		
			Print
		Step	End
		19	

Figure 10B

PARTS INFORMATION

DESCRIPTION	MODEL	PART #	QUANTITY
ABS Control Unit	Murano (AWD)	47660 – 5AA1C	
	Murano (FWD)	47660 – 5AE1C	
	Murano Hybrid (AWD)	47660 – 5AF1E	1
	Murano Hybrid (FWD)	47660 – 5AH1E	
	Maxima	47660 – 4RB1B	
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.

NOTE: Old parts will be put on parts return. Dealer charge backs will occur if an ABS control unit is replaced incorrectly.

CLAIMS INFORMATION

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

CAMPAIGN ("CM") I.D.	DESCRIPTION	OP CODE	FRT
PC482	Inspect anti-lock brake system (ABS) actuator serial number – OK Condition	PC4820	0.3 hrs.

OR

CAMPAIGN ("CM") I.D.	DESCRIPTION	OP CODE	FRT
PC482	Inspect anti-lock brake system (ABS) actuator serial number – and Replace ABS Control Unit – Repair Condition	PC4821	2.6 hrs.