



RECALL CAMPAIGN BULLETIN

Reference: NTB15-054 Date:

June 15, 2015

VOLUNTARY SAFETY RECALL CAMPAIGN 2015 MURANO ABS ACTUATOR

CAMPAIGN ID #:PC375APPLIED VEHICLES:2015 Murano (Z52)

Check Service COMM to confirm campaign eligibility.

INTRODUCTION

Nissan is conducting a Voluntary Safety Recall Campaign on certain specific Model Year 2015 Murano vehicles to inspect and, if necessary, replace the ABS Actuator and Electric Unit (Control Unit). This service will be performed at no charge for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification number PC375 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.

REPAIR OVERVIEW



SERVICE PROCEDURE

- 1. Locate the ABS Actuator and Electric Unit (Control Unit).
 - The ABS Control Unit is located in the passenger side of the engine compartment behind the engine.



Figure A

2. Read the Date Code and Serial Number on the top of the ABS Control Unit (see Figures B and C).

NOTE: It may be helpful to take a photo of the Date Code and Serial Number and then read them from the photo.



Figure B



Figure C

3. Determine if ABS Control Unit replacement is needed as follows:



- 4. If needed: replace the ABS Control Unit.
 - Refer to the Electronic Service Manual (ESM), section BRC-Brake Control System, for replacement information.
 - Follow all instructions in the ESM for ABS Control Unit replacement.

IMPORTANT: Before removing the old ABS Control Unit:

- Use CONSULT-III plus to obtain and write down the ECU PART NUMBER / Type ID.
- The ABS Control Unit "Type ID" will be needed to perform Manual Configuration after replacing the ABS Control Unit.
- Although the ABS Control Unit Configuration Procedure is contained in the ESM, The instructions on pages 5 through 13 contain additional detail that may be helpful.

ABS CONTROL UNIT CONFIGURATION PROCEDURE

NOTE:

Before removal of the old/current ABS control unit, use CONSULT-III plus (C-III plus) to obtain the ABS Control Unit "Type ID".

If you are unable to access the old/current ABS control unit with C-III plus, replace it and then skip to <u>Configuration of the New ABS Control Unit</u> on page 8.

Read "Type ID"

- 1. Connect CONSULT-III plus (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 Diagnosis (One System).

	CONSOL I-III plus - ver. viz.	12.00 VIN:-	venicie : -	Country : U.S.A.	
	Back Home Print St	creen Capture Mode	ecorded Data		
	Connection Status -		Diagnosis Menu	Step	
	Serial No.	Status	Diagnosis (Or	ne System)	
Step 4	2300727	►> 》))) Normal Mode/Wireless connection	Diagnosis (Al	Il Systems)	
	MI -	\bigotimes		ing Configuration	
	Select VI/MI	No connection	Ke/programm		
	Application Satting				
	Sub mode	Language Setting	Maintenance		
	VDR]		
	1	Fiç	gure 1		

6. Select **ABS**.

ver.usP21.1			States			
Back Back Print Screen	Screen Capture	ded Help				
Diagnosis (One System)	rstem Selection					
NISSAN/INFINITI/DATS	И					
Group	All system	s 🔻				
ENGINE	Step	BAC	טוס			
ABS		SUB METER	AUTO SLIDE DOOR			
METER/M&A	EHS/PKB	CONVERTIBLE ROOF	PRECRASH SEATBELT			
ВСМ	MOTOR CONTROL	HEAD LAMP LEVELIZER	AUTO DRIVE POS.			
AIR BAG	EPS/DAST 3	e-4WD	ALL MODE AWD/4WD			
ICC/ADAS	IPDM E/R	LASER/RADAR	DIFF LOCK			
нуас	AIR PRESSURE MONITOR		4WAS(MAIN)/RAS/HICAS			
Sort : Default Setting			1/3			

Figure 2

7. Select ECU Identification.

Back Image: Screen	
Diagnosis (One System Selection ABS	7
Result	1
No DTC is detected. Further testing may be required.	
	Print
	Save
1/1	ERASE

Figure 3

8. Write down the ECU PART NUMBER – this is the ABS control unit "Type ID":

NOTE: This number will be used later for ABS control unit Manual Configuration.

9. Select **Home**.



Figure 4

10. Replace the ABS control unit.

• Refer to the appropriate Electronic Service Manual (ESM) for ABS control unit replacement information.

11. Go to Configuration of the New ABS Control Unit on the next page.

Configuration of the New ABS Control Unit

- 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.

	CONSULT-III plus Ver.V12.12.00 VIN:-	venicle : - Country : U.S.A.
	Back Home Print Screen Screen Mode Reco	
	Connection Status	Diagnosis Menu
	Serial No. Status	Diagnosis (One System)
Step 4	2300727 Normal Mode/Wireless connection	Diagnosis (All Systems) Step
	м	5
	No connection	Re/programming, Configuration
	Select VI/MI	Immobilizer
	Application Setting Sub mode Image Setting	Maintenance
	VDR	

Figure C1

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

	Image: Back
	Re/programming, Configuration Precaution Vehicle Selection
	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".
	Cation. I. Follow the operation guide displayed on screen. Z. "Back" and "Home" button may not be used on this flow. -For reprogramming and programming I. Install the latest version of the CONSULT-III plus sortware, reprogramming/programming data to this CONSULT-III plus PC. Preparation and read the service manual or reprogramming procedure sheet.
	For ECU Configuration Avenue of the second
Step 7	-For ECU Configuration using manual mode 1. Confirm the vehicle's spec and its configuration spec, following the service manual. If writing the wron configuration data, ECU can not work. Please write the right data. 2. Operate the saving completely. Do not abort without saving data.
Σ	Confirmed instructions

Figure C2

- 9. If the screen in Figure C3 displays, select Automatic Selection(VIN).
 - If the screen in Figure C3 does not display, skip to step 10.

	Back Back Home Re/programmi Configuratio	Print Screen	ne Measurement R Mode R	Vehicle Selection	12.2V VI MI	
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			Salaat
				1/1	0/0	

Figure C3

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



Figure C4

12. Select **Confirm**.

Back Image: Screen Capture Image: Scree	
Configuration Vehicle Confirmation Input VIN System Selection	4/6
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) JE 1E YE AP 1C IE 9#0#1 4	
Step 12	Confirm

Figure C5

13. Select ABS.

Back Rome Print Screen Capture	Measurement Mode	11.8V VI MI							
Re/programming, 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.									
ENGINE	AIR PRESSURE MONITOR	AIR BAG							
MULTI AV	METER/M&A	HVAC							
EPS/DAST 3	tep LASER/RADAR	AVM							
ABS	ВСМ	CHASSIS CONTROL							
IPDM E/R	CAN GATEWAY	TRANSMISSION							
1/1									

Figure C6

14. Select Manual Configuration.

• **DO NOT** select Reprogramming.



Figure C7

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

- If needed, use scroll arrows to find the correct number.
- Use the number you wrote down in step 8 on page 7. or
- Refer to **Table A** below.

16. Select Next.

	SULT-III plus	Ver. Ver.	VIN:			Vehicl	e :			Co Sta	untry : Unite ites	d													
e Back	Home	Print Screen	Screen Capture	Measurement Mode	Recorded Data	() Help	ERT	12.4V				\mathbf{X}													
\$ 0	Re/programm Configuration	ing, on	Operatio	on Selection	M Con	Manual figuration		Write Co	onfiguratio			7/9													
Manual C	onfiguratior	ı																							
Select 1	ype ID from	I following tal	ble which is e	equal to FAS	Γ(Service pa	arts catal	ogue), th	nen toucl	n "Next".]													
						Step																			
	,	ABS				15																			
				Type ID																					
			47	7660-			7																		
			4	7660-																					
			4	7660- E	xam	ple																			
			4	7660-							Cance														
			4	7660-										<u>а</u> Г		4 Stor	4 Ston	4 Stop	4 Stop	4 Stop	4 Stop				
							1	1/2			Next	k													
						~~								_	 										

Figure C8

TABLE A

Model and Year	Vehicle Options	TYPE ID #		
2015 Murano	FWD with Intelligent Cruise Control	47660 – 5AE2B		
	AWD with Intelligent Cruise Control	47660 – 5AA2B		

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

CONSULT-III plus Ver.CSP21.10	VIN:1N4AL3AP5FN318724	Vehicle : ALTIMA sed	an L33 2015	States
Back Print Screen	Screen Capture Measurement Mode Recorded Data	Image: Weight Heip Image:		
Re/programming, Configuration	Manual Configuration	Configuration P Oper	rint Result / ation Complete	8/9
Write Configuration				
Following setting value for each ite Confirm setting value for each items	m are saved to vehicle ECU. s, if OK, touch "OK" to save them	n to vehicle ECU.		
ABS				
	Type ID			
Step 17	47660-3 ii A54 k 3 ii A6 k			Cancel
			Step 18	ок

Figure C9

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	Help ERT 12.4V VI MI	-
Re/programming, Configuration	Write Configuration Prin Operati	t Result / on Complete	9/9
Print Result / Operation Complete			
Write Configuration has been succo Touch "End" to finish operation, and	essfully completed. I to back to Home Screen. Confiri	n each function works correctly.	
ABS			
	Type ID		
	47660-3¶TA#5A,⊯3¶TA#5A;		
			Print
		Step 19	End

Figure C10

PARTS INFORMATION

DESCRIPTION	PART #	QUANTITY
ABS Actuator (FWD) (ABS Actuator and Electric Unit (control unit))) (control unit)) 47660 – 5AE1B	
ABS Actuator (AWD) (ABS Actuator and Electric Unit (control unit))	47660 – 5AA1B	
Brake Fluid (1)	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 <u>www.NNAnet.com and</u> <u>click on the "Maintenance Advantage" link.</u>

CLAIMS INFORMATION

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

CAMPAIGN ("CM") I.D.	DESCRIPTION	OP CODE	FRT
PC375	Inspect ABS Actuator Product Serial Code	PC3750	0.2 hrs.

OR

CAMPAIGN ("CM") I.D.	DESCRIPTION	OP CODE	FRT
PC375	Inspect ABS Actuator Product Serial Code and Replace Actuator	PC3751	2.4 hrs.