

SERVICE BULLETIN

Classification:

Reference:

Date:

BT15-020d

NTB15-073d

January 29, 2019

2015-2018 MURANO; AUTOMATIC BACK DOOR DOES NOT OPERATE AND RELATED DTCS

This bulletin has been amended. See AMENDMENT HISTORY on page 27. Please discard previous versions of this bulletin.

APPLIED VEHICLES: 2015-2018 Murano (Z52) 2016 Murano Hybrid (Z52)

IF YOU CONFIRM

The automatic back door does not operate,

and/or

One or a combination of the following DTCs are found stored in the Automatic Back Door Control Module (ABD CU):

- B2426-29 (SPINDLE SENSOR LH)
- B2427-29 (SPINDLE SENSOR RH)
- B2416-1E (TOUCH SEN R OPEN)
- B2417-1E (TOUCH SEN L OPEN)
- B242A-13 (CLSR CONDITION)

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.

ACTION

- 1. Check the battery voltage (engine not running).
 - Make sure battery voltage is between 12 and 15.5 volts.
 - Charge or test the battery as needed.
- 2. Refer to page 10, step 17 in the **SERVICE PROCEDURE** to confirm if ABD CU reprogramming is needed.
 - Reprogram the ABD CU, if needed.
 - If the ABD CU is reprogramed, perform **Automatic Back Door Manual Configuration** (see page 20).
- 3. Perform Automatic Back Door Calibration (see page 25).
- 4. Erase all DTCs.
- 5. <u>For 2015 Murano ONLY</u>: If reprogramming was performed, inform the customer of changes in automatic back door operation (see page 3, and the Owner's Manual pages at the end of this bulletin).

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.

Automatic Back Door Operation Changes After Reprogramming

<u>For 2015 Murano ONLY:</u> Automatic back door operation will change if the ABD CU is reprogrammed. Refer to the table below for the explanation of these changes.

Operating Back Door With:	Before Reprogramming	After Reprogramming
Instrument Panel Switch	Press once, back door opens. Press again before back door completely opens, back door reverses (closes).	Press once, back door opens. Press again, back door stops. Press again, back door reverses (closes).
Request Switch (1) and Liftgate (back door) Switch (2)	Press request switch, back door opens. Press back door switch with back door still opening, back door stops. Press again, back door continues to open.	Press request switch, back door opens. Press back door switch with back door still opening, back door stops. Press again, back door reverses (closes).
Liftgate (back door) Switch (with back door open)	Press once, back door closes. Press again before back door completely closes, back door reverses (opens) (3) .	Press once, back door closes. Press again before back door completely closes, back door stops. Press again, back door reverses (opens).
Intelligent Key	Press button, back door opens. Press again before back door completely opens, back door reverses (closes).	Press button, back door opens. Press again, back door stops. Press again, back door reverses (closes).
Automatic Back Door Operation	A chime sounds three times before the back door starts to move, open or close. The hazard warning lights flash at the beginning of open or close operation.	The chime sound operation remains the same. No hazard warning light flash during operation.
Automatic Back Door Calibration	Hazard warning lights flash. No chime sound. Back door movement is slower than normal operating speed.	Hazard warning lights do not flash. Remainder of operation does not change.

- (1) The request switch being operated is located above the rear license plate.
- (2) The back door switch is located at the bottom left of the back door.
- (3) When the back door closes too much to press the back door switch again and instead the request switch is pressed, the back door stops. Press the request switch again and the back door will reverse (open).

SERVICE PROCEDURE

Battery Voltage Check

- 1. Check the battery voltage.
 - Make sure battery voltage is between 12 and 15.5 volts (engine not running).
 - Charge or test the battery as needed.

ABD CU Reprogramming

NOTE:

- Refer to page 10, step 17 to confirm if ABD CU reprogramming is needed.
- If ABD CU is <u>not</u> needed, perform **Automatic Back Door Calibration** (see page 25) and erase all DTCs.

IMPORTANT: Before starting, make sure:

- The back door is fully closed.
- ASIST on the CONSULT PC has been synchronized (updated) to the current date.
- All C-III plus software updates (if any) have been installed.

NOTE: The CONSULT PC automatically gets applicable reprogramming data during ASIST synchronization.

- A screen print for Warranty documentation can be done from the CONSULT PC during this process while still connected to the vehicle.
- The CONSULT PC is connected to the internet via a cable or Wi-Fi.
 - Later in the procedure you will be required to enter your User Name and Password.
 - > The CONSULT PC must be connected to the Internet.
 - If you do not know your User Name and Password, contact your Service Manager.

• No DTCs stored.

- Use C-III plus to perform Self Diagnosis for all systems.
- If there are any DTCs other than those listed in the accompanying Symptom based TSB or campaign bulletin: diagnose, perform repairs, and erase DTCs before continuing.

- 1. Connect the plus Vehicle Interface (plus VI) to the vehicle.
 - Make sure to use the correct VI for C-III plus (plus VI).

CAUTION: Make sure the plus VI is securly connected. If the plus VI connection is loose during reprogramming, the process will be interrupted and the **ABD CU may be damaged.**

2. Connect the AC Adapter to the CONSULT PC.

CAUTION: Be sure to connect the AC Adapter. If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and the **ABD CU may be damaged**.

- 3. Connect the GR-8 to the vehicle battery:
 - Set the GR-8 to "Power Supply" mode.

CAUTION : <u>DO NOT</u> use a standard battery charger for Hybrid vehicles. Make sure to connect the GR-8 securely to the 12V battery. Make sure the battery voltage stays between <u>12.0V and 15.5V</u> during reprogramming. If the battery voltage goes out of this range during reprogramming, the **ABD CU may be damaged**.

4. Turn OFF all external Bluetooth[®] devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and the VI.

CAUTION: Make sure to turn OFF all external Bluetooth[®] devices. If Bluetooth[®] signal waves are within range of the CONSULT PC and the VI during reprogramming, reprogramming may be interrupted and the **ABD CU may be damaged**.

- 5. Turn the ignition ON with the engine OFF or "not ready".
 - The engine must not start or run during the reprogramming procedure.
- 6. Turn OFF all vehicle electrical loads such as exterior lights, interior lights, HVAC, blower, rear defogger, audio, NAVI, seat heater, steering wheel heater, etc.

IMPORTANT: Make sure to turn OFF all vehicle electrical loads. Make sure the battery voltage stays between <u>12.0V and 15.5V</u> during reprogramming. If the battery voltage goes out of this range during reprogramming, the **ABD CU may be damaged**.

- 7. Turn ON the CONSULT PC.
- 8. Select CONSULT-III plus (open C-III plus).

NOTE: Make sure all applications other than C-III plus are closed.

- 9. Wait for the plus VI to be recognized.
 - The serial number will display when the plus VI is recognized.
- 10. Go to Re/programming, Configuration.

	Conner	cuon Status		Diagnosis Menu
en 9 [.]	-	Serial No.	Status	Diagnosis (One System)
s VI is ognized	VI	2300182	Normal Mode/USB connection	Diagnosis (All Systems)
	м		No connection	Re/programming, Configuration
	88	Select VI/MI		Immobilizer
	Applicat	tion Setting Sub mode	Language Setting	Maintenance
	10			1

11. Check the box for **Confirmed Instructions** after viewing and reading all precautions, and then select **Next**.

Back Home Print Screen Screen Messure Moo	mert Recorded Help 13.5V VI MI	
Re/programming, Configuration	Precaution Vehicle Selection	
ecaution		
perating suggestions for reprogramming, program lease review the all of precautions, and click the "C such "Next".	nming and C/U configration: confirm'' check box after confirming the its points. And	
auron. Follow the operation guide displayed on screen. "Back" and "Home" button may not be used on or reprogramming and programming Install the latest version of the CONSULT-III plus : ONSULT-III plus PC. Preparation and read the service manual or repr	this flow. sortware, reprogramming/programming data to this ogramming procedure sheet.	
For ECU Configuration . Need to write the configuration data to new ECH . If writing the wrong configuration data, ECU can For ECU Configuration using manual mode . Confirm the vehicle's spec and its configuration onfiguration data, ECU can not wrether was write . Denote the service complete the product of the write	Step 11 ne right data. Inte right data.	
For ECU Configuration Need to write the configuration data to new ECH if writing the wrong configuration data, ECU can For ECU Configuration using manual mode Confirm the vehicle's spec and its configuration onfiguration data, ECU can not were consistent write Operate the saving completence of not abort withon Confirmed instructions	Step 11 the right data. The right data. The right data. If writing the wrong the saving data.	Next

12. If the screen in Figure 3 appears, select Automatic Selection(VIN).

	<u> </u>	ver.CSP16.11				States
	Back Home	Print Screen	m Measurement Mode	corded Help EF	रा 12.1V VI MI	-
	Re/programmi Configuration	ng, 🚺	Precaution	Vehicle Selection	Vehicle Confirmation	
Step	Automatic S	election(VIN)	Manual Selecti	on(Vehicle Name)		
	Vehicle Name :				Model Year :	Sales Channel
	*MURANO Camp:P8201	FRONTIER	NISSAN GT-R NISMO	ROGUE Select	2015	NISSAN
	350Z	JUKE	NV	SENTRA	2014	INFINITI
	370Z	JUKE NISMO	NV200	TITAN	2013	DATSUN
	370Z Convertible	LEAF	NV200 TAXI	VERSA Hatchback	2012	
	ALTIMA coupe	MAXIMA	PATHFINDER	VERSA NOTE	2011	
	ALTIMA Hybrid	MICRA	PATHFINDER ARMADA	VERSA Sedan	2010	
	ALTIMA sedan	MURANO	PATHFINDER Hybrid	XTERRA	2009	
	ARMADA	MURANO Cross Cabriolet	QUEST	X-TRAIL	2007	CLEAR
	CUBE	NISSAN GT-R	ROGUE		2006	Select
			1		1/2	
1				~		

Figure 3

- 13. Verify the **VIN or Chassis #** matches that of the vehicle.
 - If the correct VIN is displayed, select Confirm.



14. Select Confirm.

Back	Home	Print Screen	Screen Capture	Measurement Mode	Recorded Data	() Help	A RT	12.1V	Yii vi	× I	-		
C Re/	programming onfiguration		Vehicle C	onfirmation	In	out VIN					1	4/4	
ut VIN	_						_	_	-	_	-	4	
nter the V ccording ONSULT,	NIN number, to this oper VIN number VIN number State S	and touch ation, in cas r you input	"Confirm". e of specifi is saved as MISMAY MR USKJVWR5 0 1 1	ed operation t file name. The	hat require refore, co	es to save	ECU innumber	formatio correctl	n into y.				
VIN (17 c	or 18 digits)	5N1/	AZ2MH	IGFNXX	XXXX								

Figure 5

15. Select AUTO BACK DOOR.

• Use the arrows if needed to scroll and access AUTO BACK DOOR.

	Back Re/programming, Configuration III (III) III System Selection Touch "system". In case ECU you want to operate is not liste	Measurement Recorded People Control (Control (Contro) (Contro) (Contro) (Contro) (Co	Arrie Location States	
	AIR BAG	HVAC		
Step	AUTO BACK DOOR	AVM		
	HV BATTERY	TRANSMISSION		
	ICC/ADAS			
	TELEMATICS			
			2/2	Scroll with arrows
		Figure 6		

16. Wait for System Call to complete, and then select **Reprogramming**.

	Re/programming, Configuration	System Selection Operation Selection	n La
Op	eration Selection		
T) In In	ouch "Operation". I case over write current ECU, tou I case replacement of ECU, select a	uch "Reprogramming". an operation in REPLACE ECU category.	
p	REPROGRAMMING	In case you want to reprogramming E	CU, touch "Reprogramming".
	Reprogramming		
	Reprogramming Replacement OF ECU Programming (Blank ECU)		
<u>.</u>	Reprogramming Replacement OF ECU Programming (Blank ECU) Programming	In case you want to replace ECU, yo Before replace ECU, ECU data is say After replace ECU, CONSULT writes E	ou should operate followings. ved to CONSULT. ECU data and programming data.
<u>5</u> 7	Reprogramming Replacement OF ECU Programming (Blank ECU) Programming VEHICLE CONFIGURATION	In case you want to replace ECU, yo Before replace ECU, ECU data is say After replace ECU, CONSULT writes E	nu should operate followings. /ed to CONSULT. ECU data and programming data.

Figure 7

- 17. When you get to the screen shown in Figure 8, confirm reprogramming applies as follows:
 - a. Find the ABD CU P/N and write it on the repair order.

NOTE: This is the <u>current</u> ABD CU P/N.

					W71 54	States			
Back Home Print Screen	Screen Capture Mod	ement Recorded Data	Help E	RT 12.0V			_)		
Re/programming, Configuration	Operation Sele	ction Save	e ECU Data				7/7		
ave ECU Data				-		~			
Touch "Save" to save operation Operation log helps to restart ne after operation has completely fir	log and the curren xt operation by sele ished.	t part number as cting suitable op	listed below beration log. C	to CONSUL1 Iperation log	is erased	4		1	
File Label		5N1	AZ2MH6FNX	xxxxx					
Operation		R	EPROGRAMM	ING					
System	17a:	A	UTO BACK DO	OOR					
Part Number	Current		284G0 xxxx	\sim					
Vehicle	P/N		Z52MURANO)					
VIN		xxx	****	xxx				-	
Date		7/2	22/2015 3:55:30	D PM			Save		17c: If OK, select Save
								J	

Figure 8

- b. Compare the P/N you wrote down to the number in **Table A** below.
 - If there is a <u>match</u>, the reprogramming <u>applies</u>. Go to step 17c.
 - If there is <u>not a match</u>, this reprogramming is not needed. Go to **Automatic Back Door Calibration** on page 25.

Table A

CURRENT P/N: 284G0-
5AA0A, 5AA2A

c. If there is a P/N match as specified above, select **Save**, and then continue with the reprogramming procedure on the next page.

- 18. Use arrows (if needed) to view and read all precautions.
- 19. Check the box confirming the precautions have been read.
- 20. Select Next.

54	Re/programmi	ng,			Precaution	Vehicle Selectio	on N	
	Connguratio							
Precau	ition							
Opera	ating suggestion to review the all	ns for reprog	ramming, prog	gramming and Cl	/U configration: k box after confi	ming the its points	And	
touch	"Next".	or prostation	o, and chek in		in box alter comm	ining the its points.		
1								
Cauti	on:							
1 4 5 1								
2, "B	llow the operat ack" and "Hon	ion guide disp ne" button ma	played on scre v not be used	een. I on this flow,				
2. "B	llow the operat ack" and "Hon	ion guide disp ne" button ma	played on scre y not be used	een. I on this flow.				
-For 1 1. Ins	llow the operat ack" and "Hon reprogramming tall the latest ve	on guide disp ne" button ma and program ersion of the C	played on scre y not be used ming CONSULT-III pl	een. I on this flow. lus sortware, repr	rogramming/prog	ramming data to this	E.	
-For 1 1. Ins CONS 2. Pre	llow the operat ack" and "Hon reprogramming tall the latest vi SULT-III plus Pl eparation and r	on guide disp ne" button ma and program ersion of the C C. ead the service	olayed on scre y not be used ming CONSULT-III pl ce manual or r	een. I on this flow. Ius sortware, repr reprogramming p	rogramming/prog rocedure sheet.	ramming data to this		
-For 1. Ins CONS 2. "Bi 1. Ins CONS 2. Pre	llow the operat ack" and "Hon reprogramming tall the latest vi SULT-III plus Pl eparation and r ECU Configura	ion guide disp ne" button ma and program ersion of the C C. ead the servic tion	played on scre y not be used ming CONSULT-III pl ce manual or r	een. I on this flow. Ius sortware, repr reprogramming p	rogramming/prog rocedure sheet.	ramming data to this		
-For 1. Ins -For 1. Ins 2. Pre -For 1. Ne -For 1. Ne 2. Fy	low the operat ack" and "Hon reprogramming tall the latest vis SULT-III plus P eparation and r ECU Configura ed to write the	ion guide disp ne" button ma and program ersion of the C C. ead the servic tion configuration	played on scre y not be used ming CONSULT-III pl ce manual or r data to new E	een. I on this flow. lus sortware, repr reprogramming p ECU, after replace	rogramming/prog rocedure sheet. e it.	ramming data to this	Ste	
-For 1 -For 1 1. Ins 2. "Bi -For 1 1. Ins 2. Pro -For 1 1. Ne 2. If y	llow the operat ack" and "Hon reprogramming tall the latest vi SULT-III plus P(eparation and r ECU Configura ed to write the writing the wror	and program and program arsion of the C C. ead the servic tion configuration ig configuratio	played on scre y not be used ming CONSULT-III pl ce manual or r data to new E on data, ECU (een. on this flow. lus sortware, repr reprogramming p ECU, after replace can not work. Ple	rogramming/prog rocedure sheet. 9 it. 9ase write the rigi	ramming data to this nt data.	Step 18	ρ
2. "B -For 1 1. Ins CONS 2. Pro 1. Ne 2. If v -For 1 1. Ne 2. If v -For 1 1. Co	llow the operat ack" and "Hon reprogramming tall the latest vi SULT-III plus Pi- sparation and r ECU Configura d to write the vriting the wror ECU Configurat nfirm the vehici	ion guide disp er button ma and program ersion of the C C. ead the service tion configuration og configuration eg configuration dion using ma	played on scre y not be used iming CONSULT-III pl ce manual or r data to new E on data, ECU d nual mode its configuratio	een. on this flow. lus sortware, repr reprogramming p ECU, after replace can not work. Ple on spec, following	rogramming/prog rocedure sheet. e it. ease write the rigi g the service man	ramming data to this ht data. ual. If writing the wr	Stej 18	р
2. "B -For 1. Ins CONS 2. Pro -For 1. Ne 2. If v -For 1. Co confi	Now the operat ack" and "Hon reprogramming USULT-III plus Pi paration and r ECU Configura de to write the writing the wror ECU Configurat nfirm the vehici guration data, is	ion guide disp er button ma and program ersion of the C C. ead the service tion configuration g configuration g configuration dion using ma e's spec and i CU can not w completely. E	played on scre y not be used iming CONSULT-III pl ce manual or r data to new E on data, ECU o nual mode its configuratio vork. Please w o not abort w	een. on this flow. lus sortware, repr reprogramming p ECU, after replace can not work. Ple on spec, following vrite the right dat whout saving dat	rogramming/prog rocedure sheet. e it. ease write the rigi g the service man a. a.	ramming data to this ht data. uual. If writing the wr	Stej 18	p
2. "B. -For 1. Ins CONS 2. Pro -For 1. Ne 2. If v -For 1. Co confi	Now the operat ack" and "Hon reprogramming SULT-III plus Pi sparation and r ECU Configura ed to write the writen the work ECU Configura firm the vehicl guration data, t erate the saving	ion guide disp e" button ma and program ersion of the C C. ead the service tion configuration g configuration g configuration dion using ma e's spec and CU can not v g completely. E	olayed on scre y not be used iming CONSULT-III pl ce manual or r data to new E on data, ECU (nual mode its configuratic vork. Please w Do not abort w	een. I on this flow. Ius sortware, repr reprogramming p ECU, after replace can not work. Ple on spec, following vrite the right dat vithout saving dat	rogramming/prog rocedure sheet. e it. ease write the rigi g the service man a. a.	ramming data to this ht data. uual. If writing the wr	Step 18	P

Figure 9

NOTE: In some cases, more than one new P/N for reprogramming is available.

- > In this case, the screen in Figure 10 will display.
- Select and use the reprogramming option that <u>does not</u> have the message "Caution! Use ONLY with NTBXX-XXX".
- If you get this screen and it is <u>blank</u> (no reprogramming listed), it means that there is no reprogramming available for this vehicle. This <u>bulletin does not apply</u> or it has already been done.

consoler-in plus tenting	CININ CININ	Venille Charles and a solution	obanny - orozen
sack Home Print S	creen Screen Mcasurement Recorde Data	d O Help 12.3V VI	MI
Re/programming, Configuration	Pretaution Sel	ect Program Data Confirm Vehicle Condition	· • • • •
ect Program Data			
ouch and select the repro case no reprog/programm prog/programming data in System	g/programming data listed below. Ing data is listed below, confirm the v CONSULT. AUTO BACK DOOR	rehicle selection, VIN and	
Current Part Number	Part Number After Penre/aregram	oming Other Information	_
XXXXX-XXXXX XXXXX-XXXXX	XXXXX-XXXXX XXXXX-XXXXX		XXX XXX
		0/0	Next

Figure 10

21. Verify the **Current Part Number** matches the P/N written down in step 17, and the **Part Number After Repro/programming** is different, then select **Next**.

		States	
Back Home Print Screen Capture N	Interment Recorded Data		
Re/programming, Configuration	Select Program Data Confirm Vehicle Condition	9/11	
Select Program Data			
Confirm the detail listed below, and touch "Next" -In case the screen to select reprog/programming vehicle. -In case the part number after reprogramming is w selection, VIN and reprog/programming data in COM	if OK. data is NOT displayed, only one data is available for this rong, touch "Re-select", and confirm the vehicle NSULT.		
Part Number After Repro/programming	284G0.yyyyy		
Vehicle	MURANO Z52		
VIN	5N1AZ2MH6FNXXXXXX		
System	AUTO BACK DOOR		
Other Information	Z52_PBD_Repro	Re-select	
Expected time to finish re/programming	XXXXX	Next	Step 21: Verify P/Ns
	Figure 11		select Next

Figure 11

- 22. If the screen in Figure 12 appears, first select **Delete**, then **Confirm**, and then **Other Operation**.
 - This will erase the Saved Data List and restart the reprogram from page 9, step 16. You must go back to step 12.
 - If no **Saved Data List** is stored, Figure 13 on the next page will be displayed. Proceed to step 23.

C Configuration	Variaté Cartinanian P	Shinifian		
abon Log Selection				
NSULT has the saved data case you want to write the sa	related relprogramming and conf ve data from CONSULT to vehicle	fguration. • ECU, touch and select the data in Save		
a list (left side), and confirm of to do other operation, touc	the detail (right side). If the detail in "Other Operation"	is OK, and touch "Confirm". In case you		
and Tints 1 list	Second Barts Particip			
	Onerston	REPROCRAMMING	1	
	operation .	HEP PLOSTONIAND TO		
	the local sector of the lo			
	System	AUTO BACK DOOR		
	System Part Number	AUTO BACK DOOR		
	System Part Number Vehicle	AUTO BACK DOOR 284G4 XXXXXXXXXXXXX	Delete	
	System Part Number Vehicle VIV	AUTO BACK DOOR 284G4 XXXXXXXXXXX INIXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Delete	
	System Part Number Vehicle Viti Saved Date	AUTO BACK DOOR 284G4 XXXXXXXXXXXXXX MIXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Delete Other Operation	Ste

Figure 12

23. Confirm battery voltage is correct, and then select Next.

NOTE: Battery voltage must stay within the specified range to make the indicator turn green.

Back lone Print Screen Screen Massurement Model Data Confirm Vehicle Confirm V	
Confirm Vehicle Condition	
Operate according to the following procedures. 1 Remove the terminal caps of battery, and connect battery charger to battery.	Monitor 12V battery voltage here
2 Adjust the battery charger output so that the vehicle battery voltage is between 12.0V and 13.5V. The vehicle battery voltage is shown on the top-right of this screen	
3 Confirm the RESULT is OK, touch "Next". Green" be selecting	e efore Next
Result OK	Next Step 23
Figure 13	

24. With battery voltage OK (green), select Start.

• The reprogramming process begins when Start is selected.

NOTE: For reprogramming to continue, vehicle 12V battery voltage must stay within 12 volts and 15.5 volts.

n Vehicle Condition rm the vehicle condition as confirm that judgment for a range, reprogramming or pi	listed below, se Il items indicate ogramming may	t the vehicle con OK, and touch "S stop.	dition correctly. Start". In case the vel	nicle condit batte	nitor 12V ery voltage here	
Monitor Item	Value	Unit	Judgment	Condition		
BATTERY VOLTAGE	13.4	v	ок			
			"(Must be Green" befor electing Nex	e	

Figure 14

25. Select USA/CANADA Dealers.

26. Select OK.



Figure 15

NOTE:

- The above screen may not display if the CONSULT PC has remained ON since the • last reprogramming.
- If the CONSULT PC is not connected to the Internet, the screen in Figure 16 will • display.

1/ 70.40		O U locitoral
Offline operation screen	A DESCRIPTION OF A DESC	-
Offline menu		
Touch the required operation.		
Internet connection	Connect to the internet.	
Manual input	Enter manually.	
Home	Back to Home screen.	

Figure 16

NOTE: In the next steps, the reprogramming process will begin when **Submit** is selected.

27. Enter your **Username** and **Password**.

- The CONSULT PC must be connected to the Internet via cable or Wi-Fi.
- If you do not know your User Name and Password, contact your Service Manager.

28. Select Submit.

Back Home Print Screen	Screen Capture	ed Help	14.7V VI MI	
Re/programming, Configuration	Confirm Vehicle Condition	er Authentication	Transfer Data	11/12
Jser Authentication				
SECUREAUTH				
Daimler WS				
	Please enter your UserID below. Username:			
	Password: Password Submit	1		E
				_
Restart Login				

Figure 17

29. Wait for both bar graphs to complete.



Figure 18

30. When the screen in Figure 19 displays, reprogramming is complete.

NOTE: If the screen in Figure 19 is <u>not</u> displayed (which indicates reprogramming did <u>not</u> complete), refer to the information on the next page.

31. Select **Next**, and then wait for System Call to complete.



Figure 19

Control Unit Recovery:

Do not disconnect plus VI or shut down C-III plus if reprogramming does not complete.

If reprogramming does <u>not</u> complete and the "!?" icon displays as shown in Figure 20:

- Check battery voltage (12.0–15.5 V).
- Ignition is ON, engine OFF. Ready Mode is OFF.
- External Bluetooth[®] devices are OFF.
- All electrical loads are OFF.
- Select <u>retry</u> and follow the on screen instructions.
- <u>"Retry" may not go through on</u> <u>the first attempt and can be</u> <u>selected more than once</u>.

CONSULT II plus Verilli 24 V	te venirie	Country - Nerth America Comment
A Ban Bar Laur		P 🗶 🖛 📖 🔀
So Raycegramming Configuration	Cortine Paralle	20
Confirm Result		
Reprogramming or programming is not c operation on this ECU. Touch "Retry" to retry reprogramming or p	ompleted property, but you can retry reprog/program	n n
Part number after Reprog/programming	47660	
Current Part Number	47560	
Vehicle	PATHFINDER	
VIN	Select	
System	Retry	
1 States and a state of the sta		
Date	2013/09/06 16:06:55	Retry
Date Other Information	2013/04/05 16:06:55 L53H_372	Retry

Figure 20

If reprogramming does <u>not</u> complete and the "X" icon displays as shown in Figure 21:

- Check battery voltage (12.0 15.5 V).
- CONSULT A/C adapter is plugged in.
- Ignition is ON, engine OFF. Ready Mode is OFF.
- Transmission is in Park.
- All C-III plus / VI cables are securely connected.
- All C-III plus updates are installed.
- Select <u>Home</u>, and restart the reprogram procedure from the beginning.

🛯 CONTUCTIONS 🔍 W	WN .	Witking		Ciurti Latit
Han three Dis Access	Arter August	Togriki O Helt		
Song Photosonania		Samplina's		99
Centim Result				
Reprogramming is not exercised po Profit this sortion at needed. Confirm with procedure. -Restart CONSULT with discentredir	opens CONSULT vension. Ig Vilonce, ant start i	KW-Power switch position. Na reprogramming again	the position and dec	8
Part number after Reging/programming		47660-		
Current part number		47660-		
Watticle		QASHQAI		
1004		SUNFDNU10U100	900	
дунит		ABS		
pete		25/07/2011 16:30	00	
titomation				
Error Code				Print
	-			

Figure 21

32. Erase all DTCs as follows:

- a. Turn the ignition OFF
- b. Turn the ignition ON.
- c. Wait for DTC erase to complete.

Back Home Print Screen	Screen Capture	Recorded Data	ERT 13.5V		
Re/programming, Configuration	Confirm Result	Erase All DTC	s Prin Operat	nt Result / ion Complete	13/14
ase All DTCs					
According to the instruction below, (erase All DTCs.				
1 Turn ignition switch / power switch	n to the OFF position.		_	OCK	OCK
				(\bigcirc)	
Current status of invition				ON	OFF
switch	ON				
Turn ignition	from ON t	o OFF. a	nd ther	n back t	o ON
J		,_			
	Fiç	gure 22			

- 33. Verify the part number has changed (before and after reprogramming part numbers should be different).
 - a. Print a copy of the screen in Figure 23 by selecting **Print**.
 - b. Attach the copy to the repair order.
 - c. Once a copy has been printed, select **Confirm**.

Configuration Erase /	All DTCs Print Result / Operation Complete	14/14
Print Result / Operation Complete		
All tasks are completed. Confirm LAN access, in case CONSULT can NOT immediately acces temporally storage of this page. Touch "Scree Data Folder" on desk top, and open the folder r	, touch "Print" to print out this page. ss to LAN or printer, Screen Capture function is available for n Capture", and save it. Screen capture data is in "CIII plus named "ScreenImages".	
Part number after Reprog/programming	p 284G0 <mark>yyyyy</mark>	
Part number before Reprog/programming	284G0- XXXXX	
Vehicle	Z52 MURANO	
VIN	5N1AZ2MH6FNXXXXX	
System	AUTO BACK DOOR	Print
Date	****	

Figure 23

34. After Confirmation has completed, select Home.



Figure 24

Go to Automatic Back Door Manual Configuration on the next page.

Automatic Back Door Manual Configuration

(Perform ONLY if ABD CU was reprogrammed.)

Connec	tion Status	Capture Mode	Diagnosis Menu	
	Serial No.	Status	Diagnosis (One System)	
VI	2300926	Normal Mode/USB	Diagnosis (All Systems)	
МІ		No connection	Re/programming, Configuration	p ;
80:	Select VI/N	11		
	Sub mode	Language Setting	Maintenance	
17'	/DR]	
		Fig	jure 25	

35. Select Re/programming, Configuration.

36. Check the box for **Confirmed Instructions**, and then select **Next**.

Back Home Print Screen Sc	neen Measurement Rec	corded Help	13.5V VI	MI	
Re/programming, Configuration		Precaution	Vehicle Sele	ction	
caution					
perating suggestions for reprogram ease review the all of precautions, ar uch "Next".	ning, programming and nd click the "Confirm" c	I C/U configration: heck box after confi	irming the its point	s. And	
				(0
ution: Follow the operation guide displaye "Back" and "Home" button may no	d on screen. t be used on this flow.			_	
ution: Follow the operation guide displaye Back" and "Home" button may no or reprogramming and programmin Install the latest version of the CON DNSULT-III plus PC. Preparation and read the service m	d on screen. t be used on this flow. g SULT-III plus sortware, r anual or reprogramminį	eprogramming/prog g procedure sheet.	ramming data to t	his	
ution: Follow the operation guide displaye "Back" and "Home" button may no or reprogramming and programmin Install the latest version of the CON NSULT-III plus PC. Preparation and read the service m or ECU Configuration	d on screen. t be used on this flow. 3 SULT-III plus sortware, r anual or reprogramming	eprogramming/prog g procedure sheet.	pramming data to t	his	
ution: Follow the operation guide displaye "Back" and "Home" button may no or reprogramming and programmin Install the latest version of the CONS DNSULT-III plus PC. Preparation and read the service m or ECU Configuration Need to write the configuration data If writing the wrong configuration data	d on screen. t be used on this flow. SULT-III plus sortware, r anual or reprogramming to new Eq. to new Eq. Step	eprogramming/prog g procedure sheet. e it. ease write the rig	pramming data to t ht data.	his	
ution: Follow the operation guide displaye "Back" and "Home" button may no or reprogramming and programming Install the latest version of the CON SNSULT-III plus PC. Preparation and read the service m or ECU Configuration Need to write the configuration data if writing the wrong configuration data or ECU Configuration using manual Confirm the vehicle's spec and its configuration	d on screen. t be used on this flow. SULT-III plus sortware, r anual or reprogrammin to new EQ ata, ECU ca mode 36	eprogramming/prog g procedure sheet. ease write the rig	yramming data to t ht data. nual. If writing the	his	
ution: Follow the operation guide displaye "Back" and "Home" button may no or reprogramming and programming Install the latest version of the CONS ONSULT-III plus PC. Preparation and read the service m or ECU Configuration Need to write the configuration data if writing the wrong configuration data for ECU Configuration using manual Confirm the vehicle's spec and its con figuration data, ECU can not us operate the saving comparison of the configuration data.	d on screen. t be used on this flow. SULT-III plus sortware, r anual or reprogramming to new Ed tata, ECU cs mode ase write the right of abort without saving of	eprogramming/prog g procedure sheet. e it. ease write the rig cata. data.	pramming data to t ht data. nual. If writing the	wrong	
ution: Follow the operation guide displaye "Back" and "Home" button may no or reprogramming and programming install the latest version of the CONS DNSULT-III plus PC. Preparation and read the service m or ECU Configuration Need to write the configuration data if writing the wrong configuration data or ECU Configuration using manual Confirm the vehicle's spec and its configuration operate the saving come of the configuration of the vehicle's spec and its configuration data.	d on screen. t be used on this flow. SULT-III plus sortware, r anual or reprogrammin to new EC ata, ECU ca mode mode set write the right i of abort without saving of	eprogramming/prog g procedure sheet. ease write the rig oata. data.	namming data to t Int data.	his wrong	Next

Figure 26

37. If the screen in Figure 27 appears, select Automatic Selection(VIN).

Step 37	Back Binne Home Configuratio Automatic S	Print Screen Scree Gaptu	Precaution Manual Selecti	Vehicle Selection	Image: Non-State State St	
	Vehicle Name :				Model Year :	Sales Channel
	*MURANO Camp:P8201	FRONTIER	NISSAN GT-R NISMO	ROGUE Select	2015	NISSAN
	350Z	JUKE	NV	SENTRA	2014	
	370Z	JUKE NISMO	NV200	TITAN	2013	DATSUN
	370Z Convertible	LEAF	NV200 TAXI	VERSA Hatchback	2012	
	ALTIMA coupe	MAXIMA	PATHFINDER	VERSA NOTE	2011	
	ALTIMA Hybrid	MICRA	PATHFINDER ARMADA	VERSA Sedan	2010	
	ALTIMA sedan	MURANO	PATHFINDER Hybrid	XTERRA	2009	
	ARMADA	MURANO Cross Cabriolet	QUEST	X-TRAIL	2007	CLEAR
	CUBE	NISSAN GT-R	ROGUE		2006	Salaat
			1		1/2	Select

Figure 27

38. Verify the **VIN or Chassis #** matches that of the vehicle.

• If the correct VIN is displayed, select **Confirm**.

Recorded Data Period Period Period Period Peri		
Vehicle Confirmation . In case you want to select another vehicle,		
 In case you want to select another vehicle, 5N1AZ2MH6FNXXXXX 		
5N1AZ2MH6FNXXXXX		
► 5N1AZ2MH6FNXXXXX		
MURANO		
2015		
	Change	
Step 38: If VIN OK, select Confirm	Confirm	
	2015 1/1 Step 38: If VIN OK, select Confirm	

Figure 28

39. Select **Confirm** again.

Image: Screen Back Image: Screen Capture Image: Screen Capture <t< th=""><th></th></t<>	
Reprogramming. Configuration Vehicle Confirmation Input VIN	4/4
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.	
	Confirm Step 39
Figure 29	

40. Select AUTO BACK DOOR.

• Use the arrows if needed to scroll and access AUTO BACK DOOR.

				States	
	Back Home Print Screen	Screen Capture Mode Recorded Data	Help ERT 12.1V		
	Re/programming, Configuration	Input VIN System	Selection Operation	Selection	5/6
	System Selection				
	Touch "system". In case ECU you want to operate is	not listed below, the vehicle or mod	del year might be selected v	wrong.	
	AIR BAG	HVAC			
tep 40	AUTO BACK DOOR	AVM			
	HV BATTERY	TRANSMISSIC	ON		
	ICC/ADAS				
	TELEMATICS				
	TELEMATICS	3			

Figure 30

41. Select Manual Configuration.

ver.c.SP10.11			States
Back Home Print Screen	en Messurement Mode Recorded Help ERT	← ♪ 12.1V VI M	K 💻 🔜 🔀
Re/programming, Configuration	ystem Selection Operation Selection		6/6
Operation Selection			
Touch "Operation". In case over write current ECU, touch " In case replacement of ECU, select an op	Reprogramming". eration in REPLACE ECU category.		
REPROCKAMNING			
Reprogramming	In case you want to reprogramming ECU, tou	ich "Reprogrammi	ing".
Replacement OF ECU			
Programming	In case you want to replace ECU, you shou Before replace ECU, ECU data is saved to C After replace ECU, CONSULT writes ECU dat	Step 41	js. ∣data.
Read/Write Configuration	Manual Configuration	ise you has alread h "Manual Config	y replaced ECU, uration".
	F: 04		
	Figure 31		

42. Select the applicable Type ID:

2015-2017 Murano (including Hybrid):

284L5-5AA2B

2018 Murano:

284L5-5AA2A

NOTE: If C-III plus automatically selects the Type ID, there will be no options shown under Type ID and Figure 32 will not display. Skip to step 44.

Back Home Print Screen	Recorded		
Configuration	selection Config	Write Configuration	9/11
Select the Type ID listed in FAST (Serv	ice parts catalog) from the follow	ing table, and then touch "Next".	
	Step		TV C
	42		
AUTO BACK DOOR	┑╶╷┛	,	
	Type ID		Ζ.
	284L5-5BC3C		
	284L5 - 5AA3C		
	284L5 - 5BC2C		
	284L5 - 5AA2C		Cancel
	284L5 - 5BC2B	Sten	
			Maut

Figure 32

43. Select Next.

44. Select OK.



Figure 33

45. Select End.

Ver.C 3F40.20				States	
Back Home Print Screen Canture	Measurement Recorded	Image: Weight of the second			
Re/programming, Configuration Writ	e Configuration	t Result / on Complete		11/11	
Print Result / Operation Complete					
Write Configuration has been successful Touch "End" to finish operation, and to be	y completed. ick to Home Screen. Confirn	n each function works co	rrectly.		
AUTO BACK DOOR					
	Type ID				
	284L5 - XXXXXX				
				Print	
				Other Operation	
					Step
					45
	Figure 3	34			

Go to Automatic Back Door Calibration on the next page.

Automatic Back Door Calibration

NOTE: The operating characteristics of automatic back door calibration changes after reprogramming. See page 3 for details.

- 1. Calibrate the automatic back door.
 - a. Open the automatic back door by pressing the request switch (above rear license plate).

NOTE: Once the automatic back door is fully open, two long confirmation beeps will sound.

b. Close the automatic back door by pressing the back door switch (located at bottom left of back door).

NOTE: The automatic back door can be closed manually instead of using the request switch.

Liftgate [Automatic Back Door] Position Setting

- 1. Adjust the back door to fully open by performing Liftgate Position Setting.
 - Refer to the Owner's Manual > Section 3 (Pre-Driving checks and adjustments) > LIFTGATE POSITION SETTING.
 - Inform the customer that the back door has been set to the full open position. If they desire a different position, it will have to be reset.
- 2. Verify the automatic back door works properly.

For 2015 Murano ONLY: Owner's Manual Corrected Pages

Go to pages 28-30 in this bulletin, print them, and then:

- Put them into the customer's Owner's Manual, or
- Give them to the customer and ask the customer to put them into their Owner's Manual.
 - These pages go in the 2015 MURANO OWNER'S MANUAL > Section 3 (Predriving checks and adjustments). They replace pages 3-23, 3-24, and 3-25.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Check/Clear DTCs and perform Back Door Calibration	284G0-5AA1A	BX5RAA	ZE	32	0.2*

*FRT allows adequate time to access DTC codes and perform back door calibration. No other diagnostic procedures subsequently required. Do NOT claim any Diagnostic Op Codes with this claim.

On the Same repair line

If needed:

DESCRIPTION	OP CODE	FRT
Test and Charge Battery	GB18AA	(1)

(1) Reference the current Nissan Warranty Flat Rate Manual and use the indicated flat rate time.

If needed:

DESCRIPTION	OP CODE	FRT
Test and Charge Battery	GB18AA	(1)
Replace Battery	GB181A	(1)

(1) Reference the current Nissan Warranty Flat Rate Manual and use the indicated flat rate time.

If needed:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Auto Back Door Programming	284G0-5AA1A	BX5AAA	ZE	32	0.4*

* FRT allows adequate time to access DTC codes and reprogram. No other diagnostic procedures subsequently required. Do NOT claim any Diagnostic Op Codes with this claim.

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
August 17, 2015	NTB15-073	Original bulletin published.
October 1, 2015	NTB15-073a	DTC descriptions on first page revised.
March 22, 2016	NTB15-073b	Changes made throughout.
March 22, 2018	NTB15-073c	APPLIED VEHICLES section and Table A revised, and steps added to pages 14 and 15.
January 29, 2019	NTB15-073d	ACTION section revised, ABD CU Reprogramming vehicle applicability expanded, and steps and Figures on pages 23-24 revised.

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ous accidents.

children could become involved in seritivate switches or controls, Unattended



NOTE:

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power liftgate will not operate if battery the shift lever must be in P (Park). Also, the voltage is low. To open, close or reverse the power liftgate,

Power Open:

fully closed position to the fully open position in approximately 5 - 8 seconds. The power open feature can be activated by the switch on the A chime sounds to indicate the power open glove box switch and the liftgate request switch Intelligent Key, the instrument panel switch, the The power liftgate automatically moves from the





Liftgate opener switch

.

- Once the liftgate is closed, the vehicle will The liftgate can be opened by the instrument remain in the unlock status. The liftgate will individually unlock and open Intelligent Key even if the vehicle is locked panel switch, liftgate request switch and the
- The Intelligent Key button must be held for
- 1 second before the liftgate opens.
- The liftgate must be unlocked to open it with the liftgate opener switch (A)

A warning chime will sound if the shift lever is moved out of P (Park) during a power open operation.

Pre-driving checks and adjustments 3-23

I I

Power Close:

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liftgate to its primary latch position. Power close tion, the cinching motor engages and pulls the started. indicate the power close sequence has been liftgate opener switch (A). A chime sounds to the Intelligent Key, the instrument panel and the close teature can be activated by the switch on takes approximately 7 - 10 seconds. The power When the liftgate reaches the secondary posifully open position to the secondary position The power liftgate automatically moves from the

- . If the liftgate opener switch (A) is activated the latch. cinching motor will disengage and release while the cinching motor is engaged, the
- The Intelligent Key button must be held for second before the liftgate closes.

sa time. A chime will sound to announce the reverpower open or power close if the Intelligent Key liftgate opener switch (A) is pushed a second gent Key, instrument panel, liftgate switch or the power liftgate will reverse direction if the Intellithe liftgate opener switch (A) is pushed. The instrument panel or liftgate switch is pushed or if Reverse: The power liftgate will stop immediately during

3-24 Pre-driving checks and adjustments

Auto Reverse: If an obstacle is detected during power open or power close, a warning chime will sound and the liftgate will reverse direction and return to the full liftgate will enter manual mode. detected, the liftgate motion will stop and the open or full close position. If a second obstacle is

tion and return to the full open position. during power close, the liftgate will reverse direcliftgate. If an obstacle is detected by a pinch strip A pinch strip is mounted on each side of the

NOTE:

the power close function will not operate. If the pinch strip is damaged or removed

AWARNING

There are some small distances immedi the vehicle before closing the liftgate. cannot be detected. Make sure that al ately before the closed position which passengers have their hands, etc., inside



is in the ON position, if multiple obstacles have not be available if the power liftgate main switch may be operated manually. Power operation may If power operation is not available, the liftgate Manual Mode:

will be canceled and the liftgate can be operated during power open or close, the power operation battery voltage is low. the power liftgate opener switch is pushed

been detected in a single power cycle, or

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opener switch and lift the liftgate. To open the liftgate manually, press the liftgate manually.

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Pre-driving checks and adjustments, page 3-25

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curely. To close, lower and push the liftgate down seI

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Auto Power Back Door System Battery Power Saving Mode: The vehicle goes into power saving mode when the liftgate is open for a long time (approximately 12 hours). This is to prevent deterioration of the battery. The power saving mode automatically cuts the power supply of the power liftgate door.

When the power to the liftgate is cut off, the manual mode must be performed. After the manual mode is performed, the power liftgate function is restored.

NOTE:

When a battery voltage is lower than approximately 11V, the power back door may not operate after automatic return.

Pre-driving checks and adjustments 3-25 4 -I I

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