



NTB16-025

March 10, 2016

Date:

# **AIR BAG DIAGNOSIS SENSOR UNIT CONFIGURATION**

APPLIED VEHICLES: 2015-2016 Murano (Z52) 2014-2016 Rogue (T32) 2016 Maxima (A36)

## SERVICE INFORMATION

RS16-002

If an Air Bag Diagnosis Sensor Unit is replaced and the configuration of the old unit could not be saved, use the Service Procedure in this bulletin to:

- Load the VIN specific configuration file from your electronic parts catalog (FAST or equivalent) onto a portable USB storage device (thumb drive).
- Plug the thumb drive into your CONSULT PC. •
- Configure the new Air Bag Diagnosis Sensor Unit using the file that you loaded onto the thumb drive.

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

#### **Obtain VIN Specific Configuration**

**NOTE:** FAST is used for the images in this procedure. Other electronic parts catalogs may be different.

1. Open FAST (or equivalent) and type in the VIN.

File Illustration Search Tool Abbreviation   Image: Search Tool Abbreviation Step   Image: Search Image: Search Step   Image: Search Image: Search Step   Image: Search Image: Search Image: Search   Image: Search Image:
Image: Second
VIN-Code 5N IALE 2NCENT & BOB 300 Model TLJALSWZ52EUAD US Model Series Z52 Prod.M/Y 1215 Color :# QAB Int.Color P OK BODY W ENGINE VQ35DE DRIVE TRANS CVT ENGINE VQ35DE DRIVE Part Code Qty At Number Description Per Veh Sec. Alternate Part No I/C CD Mem Spec SUP AC/ APS. TSB TSB-NO CONSULT
Model Series       Z52       Prod.M/Y       1215       Color :#       QAB       Int.Color       P       OK         BODY       W       ENGINE       VQ35DE       DRIVE       DRIVE       Example         TRANS       CVT       Part No       Example       Example         No       Part Code       Qty       +       Part No       Example         Per Veh       Sec.       Alternate Part No       I/C CD       Mem       Spec       Sup       AC/       APS.       TSB       TSB-NO         CONSULT
BODY       W       ENGINE       VQ35DE       DRIVE         TRANS       CVT       Example         Part Code       Qty       Part No       Example         No       Part Code       Qty       Part No       Example         Per Veh       Sec.       Alternate Part No       I/C CD Mem       Spec       Sup       AC/       APS.       TSB       TSB-NO         CONSULT       Example       Example       Example       Example       Example       Example
TRANS       CVT       Example         Part Code       Qty       Part No         No       Part Code       Qty       Part Number         Per Veh       Sec.       Alternate Part No       I/C CD       Mem       Spec       Sup       AC/       APS.       TSB       TSB-NO         CONSULT
Part Code     Qty     Part No       No     Part Code     Qty     Part Number       Per Veh     Sec.     Alternate Part No     I/C CD       Mem     Spec     Sup       AC/     APS.     TSB       CONSULT     Consult
No     Part Code     Qty     Part Number     Description       Per Veh     Sec.     Alternate Part No     I/C CD     Mem     Spec     SUP     AC/     APS.     TSB     TSB-NO
Per Veh     Sec.     Alternate Part No     I/C CD     Mem     Spec     SUP     AC/     APS.     TSB     TSB-NO       CONSULT
CONSULT
ILLEMS 0 ENTER AT LEAST 3 DIGITS FOR PARTCODE OR PARTNUMBER SEARCH 2/10/2016 10:49 AM

Figure 1

- 2. Select **ABC** (word search).
- 3. Type in "Type" in the description search window.
- 4. Select OK.

Step	%
File Illustration Search Tool Abhreviati	
VIN-Code SNI 11422MG8FNI =209508= Model TLJALSWZ52EUAD	US
Model Series Z52 Prod.M/Y 1215 Color :# QAB Int.Color P	OK
BODY W ENGINE VQ35DE DRIVE FWD GRADE PLATIN	UM
TRANS CVT	
Part Code Qty Part No New Delete	]
No Part Code Qty Part Number Description	
Per Veh Sec. Alternate Part No I/C CD Mem Spec SUP AC/ APS. TSB TSB-NO	
CONSULT	
Input Description	
Step	
3 OK Cancel	
Step	
Items 0 4	
ENTER AT LEAST 3 DIGITS FOR PARTCODE OR PARTNUMBER SEARCH 2/10/2016 10:	50 AM //
Figure 2	

5. Select OK.



Figure 3

## 6. Select TYPE-ID, ID NO FOR AIR BAG CONFIGURATION.

NFA060 PARTS	CODE INDEX	The Report of the Report of the	_		x
File Edit Illustra	ation Tool	Help			
👪 🕾 41. [		0			
		1			
				3 /	5
Partcode	Ord.Qty	Description Sec. M			
284E9		TYPE-ID, ID NO FOR ADAS CONFIGURATION 25	Sten		
284L5X		TYPE-ID, ID NO FOR POWER BACK DOOR 25	Otop		
285A4	1	TYPE-ID, ID NO FOR AIR BAG CONFIGURATION	6		
40712		TYPE-ID, ID NO FOR TPMS ID DIFFERENCE 25	_		
476A3		TYPE-ID, ID NO FOR VDC CONFIGURATION 476			
1					
			P	arts List Display	
			2/10/201	5 10:52 AM	- /

Figure 4

## 7. Select CONSULT.

Im NFA010 Nissan FAST for Windows [1]	x					
File Illustration Search Tool Abbreviations Help						
<u>₩ ₩ = = 3 0 mm 0 mk % p 6 3n 10 0</u>						
VIN-Code 5M1A22M69FM-289896 Model TLJALSWZ52EUAD						
Model Series Z52 Prod.M/Y 1215 Color :# QAB Int.Color P	ОК					
BODY     W     ENGINE     VQ35DE     DRIVE     FWD     GRADE     PLATINUM       TRANS     CVT						
Part Code Qty Part No New Delete						
No Part Code Qty Part Number Description						
Per Veh Sec. Alternate Part No I/C CD Mem Spec SUP AC/ APS. TSB TSB-NO						
CONSULT						
1         285A4         1         285A4-5AA5A-         TYPE-ID, ID NO FOR AIR BAG CONFIGURATION           01         253         Image: Consult         Image: Consult         Image: Consult						
Step 7						
Items 1						
ENTER AT LEAST 3 DIGITS FOR PARTCODE OR PARTNUMBER SEARCH 2/10/2016 10:53 AM	11					

Figure 5

- 8. Load the CSV file onto a thumb drive.
  - After selecting CONSULT in step 7, a screen showing your computers desktop with the CSV file should display (see Figure 8, this is the VIN specific configuration file).
  - Do not change the file name or the file type.
  - Load/save this CSV file onto a thumb drive.

**NOTE:** It is recommend, at the start, that the thumb drive be blank; all other files erased. This will make it easier to find the file later in this procedure.



Figure 6

9. Plug the thumb drive (with the configuration file) into the CONSULT PC.



Figure 7

## Configure the New Air Bag Diagnosis Sensor Unit

**NOTE:** The following steps are to be performed <u>after</u> the Air Bag Diagnosis Sensor Unit has been replaced.

- 10. Connect the CONSULT-III plus (C-III plus) to the vehicle with the plus VI.
- 11. Turn the ignition ON.
- 12. Open / start C-III plus.
- 13. Wait for the plus VI to be recognized.
  - The serial number will display when the plus VI is recognized.

#### 14. Select Re/programming, Configuration.

	Back	Home Print S	creen Capture Measurement Re	ecorded Data			
	Connec	tion Status –			Diagnosis Menu		
		Serial No.	Status		Diagnosis (One System)	н	
recognized	> VI	2300727	Normal Mode/Wireless connection		Diagnosis (All Systems)	i	
	мі	-	0				Otar
			No connection		≪ Re/programming, Configuration	h	Step 14
		Select VI/MI			Immobilizer	ן ן	
	Applicat	ion Setting			Maintenance	i l	
	SUB S	Sub mode	ABC Language Setting		Maintenance	J	
		/DR					

Figure 8

- 15. Use arrows (if needed) to view and read all precautions.
- 16. Check the box confirming the precautions have been read.
- 17. Select Next.



18. If the screen in Figure 10 displays, select Automatic Selection(VIN).

• If the screen in Figure 10 does not display, skip to step 19.



Figure 10

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

Back         Imme         Print Screen         Imme           Home         Print Screen         Screen         Capture           Image: Configuration         Image: Configuration         Vehi	Messarement Mode cle Selection	× • • • • • • • • • • • • • • • • • • •
Please confirm selected information and to touch "Change".	ouch "Confirm". In case you want to select another vehici	Step 19
VIN or Chassis #		
Vehicle Name :	<b>a</b> 0 <b>1</b>	
Model Year	<b>0</b> 1 <b>1</b>	
	1/1	
	Step 20	Change
,		

Figure 11

21. 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.	
Step 21	Confirm

Figure 12

## 22. Select AIR BAG.

Back Home Print Screen Capture	Messurement Mode	🚓 🖬 🗙 🖿 🔜 🔀					
Re/programming, Configuration Input VIN System Selection Operation 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. Step 22							
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					

Figure13

23. Select After ECU Replacement, under vehicle configuration.

ver.CSP31.10			States
Back Home Print Screen Capture	Measurement Mode	ERT 12.0V VI	<u>м</u> =
Re/programming, Configuration Syst	em Selection	ection	6/6
Operation Selection			
Touch "Operation". In case over write current ECU, touch "Re In case replacement of ECU, select an opera	programming". Ition in REPLACE ECU category.		
[]	n case you want to reprogrammir	ng ECU, touch ''Reprogram	nming''.
Reprogramming			
- Replacement OF ECU			
Programming (Blank ECO)		Before F	CI I Replacement"
Before ECU Replacement	After ECL Replacem	Step <sup>n log w</sup>	th part number is saved
Before ECU Replacement	After ECU Replacem	Touch "Before E Operation log wi saved to CONSU	CU Replacement", th configuration data is JLT.

Figure 14

#### 24. Select FAST linked.



Figure 15

#### 25. Select File Selection.

	<u> </u>					Juico	
Back Home Prin	t Screen Capture	Measurement Mode	Recorded Data	Help	12.1V VI	<mark>х Р</mark>	
Re/programming, Configuration	Wr	iting method selection	FAST lin	ked search			9/9
FAST linked search							
Data is written by using t Touch "File Selection", ar Check that the Part Numb	he FAST linked f nd select the file er(FAST) and VIN	function. generated by F I (FAST) are com	AST. The info rect, and touc	ormation record ch "Write".	ed by FAST is	displayed.	
					Step		
					20	File	e Selection
VIN					-5N1/	22MH9FN281	695 ·
VIN (FAST)							
Part Number (FAST)							
							Write

Figure 16

- 26. Navigate your CONSULT PC to the thumb drive and select the configuration file (see example in Figure 17).
  - This will be the file that was loaded onto the thumb drive in step 8.

#### NOTE:

- Navigating a computer to a file on a thumb drive is a very common function, but can vary depending on the thumb drive and the individual computer set up.
- If you are unsure how to navigate to the file on your thumb drive, ask an associate in your shop who is more familiar with using a computer.

#### 27. Select Open.

Choose File to Upload			X
Computer 🕨 KINGS	iton (G:)	✓ ✓ Search .	Q
Organize 🔹 New folder			
Documents  Music  Pictures  Videos  Computer	-5N 1AZ2M66FN269588_283A4-5AA5A		
SYSTEM (C:) LocalData (D:) KINGSTON (G:)	Example		· .
₹ File name: 5N	17422m651712859388 <u>*</u> 285A4*3/845A Step 27	CSV File(*.csv)	Cancel

Figure 17

## 28. Select Write.

Image: Regregeration of the second selection       Image: Regregeration <td< th=""><th>Ver.C</th><th>SP31.10</th><th>1201030 Tellicie . IIIO</th><th>10110 202 2010</th><th>States</th></td<>	Ver.C	SP31.10	1201030 Tellicie . IIIO	10110 202 2010	States				
Witting method       FAST linked search         FAST linked search       9/9         Data is written by using the FAST linked function.       Touch "File Selection", and select the file generated by FAST. The information recorded by FAST is displayed.       Image: Check that the Part Number(FAST) and VIN (FAST) are correct, and touch "Write".         VIN       File Selection         VIN       •SNeAZZEMH#0FN28 t685	Back Prir	t Screen Capture Mode	Recorded Data	12.1V VI					
FAST linked search         Data is written by using the FAST linked function.         Touch "File Selection", and select the file generated by FAST. The information recorded by FAST is displayed.         Check that the Part Number(FAST) and VIN (FAST) are correct, and touch "Write".         File Selection         VIN         #SN#AZEMH9FN281685         VIN         Part Number (FAST)         Part Number (FAST)         Step 28	Re/programming, Configuration	Writing method selection	FAST linked search		9/9				
Data is written by using the FAST linked function.         Touch "File Selection", and select the file generated by FAST. The information recorded by FAST is displayed.         Check that the Part Number(FAST) and VIN (FAST) are correct, and touch "Write".         File Selection         VIN         •5N#AZ2MH+0FM28 1695         VIN         Part Number         (FAST)         Step         28	FAST linked search	FAST linked search							
File Selection       VIN     #5NI6AZZIMINOFIN28 1685       VIN (FAST)     ************************************	Data is written by using the FAST linked function. Touch "File Selection", and select the file generated by FAST. The information recorded by FAST is displayed. Check that the Part Number(FAST) and VIN (FAST) are correct, and touch "Write".								
VIN     #5N #AZ2MH9FN281695       VIN (FAST)					File Selection				
VIN (FAST) Part Number (FAST) Step 28 Write	VIN			■5N \$A	IZEM H9FN 281695				
Part Number (FAST) Step 28 Write	VIN (FAST)				•••••				
Step 28 Write	Part Number (FAST)				•••••				
				Ster 28	0 Write				

#### Figure 18

## 29. Select OK.



Figure 19

30. Wait for the data to transfer.



Figure 20

31. Select End.



Figure 21

32. Clear any DTCs that may have stored during the procedure.