

Date:

RS19-004B

NTB19-071B

April 26, 2022

DTC B00A0-00 STORED

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

APPLIED VEHICLES:	2013-2018 Altima (L33)	2014 Pathfinder Hybrid (R52H)
	2019-2022 Altima (L34)	2022 Pathfinder (R53)
	2017-2022 Armada (Y62)	2011-2017 Quest (E52)
	2009-2014 cube [®] (Z12)	2014-2020 Rogue (T32)
	2022 Frontier (D41)	2021-2022 Rogue (T33)
	2011-2017 Juke (F15)	2015-2019 Rogue Hybrid (T32H)
	2018-2022 Kicks (P15)	2017-2022 Rogue Sport (J11)
	2011-2017 LEAF (ZE0)	2013-2019 Sentra (B17)
	2018-2022 LEAF (ZE1)	2020-2022 Sentra (B18)
	2016-2022 Maxima (A36)	2014-2017 & 2019 Taxi (M20T)
	2014-2019 Micra (K13)	2016-2022 Titan/Titan XD (A61)
	2015-2022 Murano (Z52)	2012-2019 Versa Sedan (N17)
	2016 Murano Hybrid (Z52H)	2020-2022 Versa Sedan (N18)
	2013-2021 NV200 (M20)	2014-2019 Versa Note (E12)
	2013-2020 Pathfinder (R52)	

IF YOU CONFIRM

DTC B00A0-00 (OCCUPANT DETECTION SENSOR UNIT) is stored,

AND

OCS zero point reset cannot be performed (continued on the next page),

IMPORTANT: The purpose of **ACTION** (next page) 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.

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.

AND

The following screen displays:





ACTION

- 1. Check the Occupant Classification System (OCS) control unit using the ODS Analysis tool software.
 - Refer to **SERVICE PROCEDURE** on page 3.

HINT: "OCS" also may be referred to as "ODS".

2. Perform "75-Zero RESET".

REQUIRED SPECIAL TOOL: OCS Reprogramming Cable J-51594



Figure 2

Special (essential) tool J-51594 has been previously sent to each dealer.

Additional tools may be obtained from Tech•Mate: 1-800-662-2001 or nissantechmate.com.

SERVICE PROCEDURE

HINT: "OCS" also may be referred to as "ODS".

IMPORTANT: Before continuing, make sure:

- ASIST on the CONSULT PC has been synchronized (updated) to the current date.
- All CONSULT-III plus (C-III plus) software updates (if any) have been installed.
- The CONSULT PC is connected to the Internet (Wi-Fi or cable).
- Titan vehicles: This bulletin applies to ALL Titan vehicles.
- Titan XD vehicles: This bulletin does NOT apply to all Titan XD vehicles. This bulletin applies to Titan XD vehicles equipped with OCS, as indicated by the presence of a front passenger air bag status light (see Figure 3).



Figure 3

NOTICE

- Connect a battery maintainer or smart charger set to reflash mode or a similar setting. If the vehicle's battery voltage drops <u>below 12.0V or rises above 15.5V</u> during reprogramming, <u>the OCS control unit may be damaged</u>.
- Be sure to turn OFF all vehicle electrical loads. If a vehicle electrical load remains ON, <u>the OCS control unit may be damaged</u>.
- Be sure to connect the AC Adapter to the CONSULT PC. If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and the OCS control unit may be damaged.
- Turn OFF all external Bluetooth[®] devices (e.g., cell phones, printers, etc.) within
 range of the CONSULT PC and tool J-51594. If Bluetooth[®] signal waves are
 within range of the CONSULT PC and/or tool J-51594 during reprogramming,
 reprogramming may be interrupted and <u>the OCS control unit may be damaged</u>.
- 1. For LEAF vehicles, confirm that the timer for charging and climate control is turned off. If the timer is ON, turn it OFF.
 - For all other vehicles, proceed to step 2.
- 2. Turn ON the ignition / EV system (engine OFF / not Ready).
- 3. Turn ON the hazard warning lamps.
- 4. Connect the VI to the vehicle DLC connector and the CONSULT PC with its USB connector.
- 5. Start the CONSULT PC and CONSULT-III plus (C-III plus), and then open ASIST to check for air bag related DTCs.
 - If any air bag related DTCs other than B00A0-00 are stored, perform diagnosis and repairs as needed.
- 6. Close C-III plus, but leave ASIST running.
- 7. Connect tool J-51594 to the vehicle DLC connector and the CONSULT PC USB connector.
 - Make sure tool J-51594 is securely connected at both ends.
- 8. Prepare the vehicle for OCS reprogramming as follows:
 - Park the vehicle on a level surface.
 - Keep the front passenger seat empty place nothing on it.
 - Keep the vehicle empty of occupants including the servicing technician.
 - Place the CONSULT PC outside of the vehicle on a suitable table/support.
 Do not set the CONSULT PC on the vehicle.
 - Do not touch the vehicle during OCS Reprogramming.
 - Minimize vehicle vibrations.

9. On the left side of ASIST's main menu, select **Specialty Tools**, and then select **ODS Analysis Tool**.

ASIST Terminal					
Dealer Code Sec	Key No. Last Syn	c. Zjimjinger M			
	NISSAN AS	IST	AUTOMOTIVE	SERVICE INFORM	ATION SUPPORT TERMIN
	VIN:	Retrieve VIN Clear M	odel:	Year:	
TECH LINE DB Search	Wildes new Service in	andar condect codes symptom blag.	Schriec History Comparing	Quality Action	
Latest TSBs	Keyword Search:				
TSB Search	* Red indicates TSBs & * New flashing icon ind	Campaigns amended within last 30 days. licates newly received TSBs & Campaigns	within last 30 days.		
CONSULT-II 😵	LATEST INFORMATION ADD	DED			
NATS & Keycode 🛛 😵	TSR			NEK	
Specialty Tools	€ TSB	Specialty Tools	e Information		
HD Navi. Tools GT-R Tools	TSB NEW			NEN	
HEV Reprogramming Tool PC661 & PC662 eIVT Reprogram		TT-2013 CEAL, ERMONTION DURCETY DONOING Flat	es - service Campaign		
CVT2 Shim Calculator NTB15-102 Shim Calculator					
R 1608 & R 1609 OCS Reprogram Check OCS ECU Module	· · · · · · · · · · · · · · · · · · ·				
ODS Analysis Tool		ODS Analysis Tool			
R 1608 & R 1609 ACU Reprogram		,			
VDC Reprogramming for Xterra/Frontier					
CVT/TCM Calibration					
Midtronics Software Update Midtronics Update Help					

Figure 4

10. Enter the vehicle model and the last eight (8) characters of the VIN in the corresponding spaces, and then select **CHECK**.

COM PORT	EXIT						
Please fill in Vehicle type and VIN number column.							
СНЕСК							
CURRENT FAILURE CODE	а0	al	a2	аЗ	a4		
PAST FAILURE CODE	A0	A1	A2	A3	A4		
					<n></n>		
SEN OUTPUT	Fi	Ri	Fo	Ro	SUM		
CURRENT							
ZERO POINT OFFSET							
PERFORM 0-RESET IN CASE OF	PERFORM 0–RESET IN CASE OF ERROR CODE "75" Dealer 0–RESET						
75-Zero RESET				D-Zero I	RESET		
CREATE LOG FILE			EHICLE	R	OGUE		
CREATE		VE	EHICLE VIN N	NUMBER K	C701011		

Figure 5

11. Select OK.

Would you like to start processing "CHECK"?

Figure 6

- 12. Check for code 75h to show under **CURRENT FAILURE CODE**.
 - If code 75h shows under **CURRENT FAILURE CODE**, go to step 13.
 - If code 75h does NOT show under CURRENT FAILURE CODE, STOP HERE. This bulletin does not apply. Refer to ASIST and the ESM for further diagnostic assistance.
- 13. Select **75-Zero RESET**.

COM PORT	4			EXI	Γ
The reading is complete. The following is ODS status.					
СНЕСК		_			
	a0	al	a2	аЗ	a4
CURRENT FAILURE CUDE	75h	00h	00h	00h	00h
PAST FAILURE CODE	<i>f</i> N	A1	A2	A3	A4
FAST TAILORE CODE		00h	00h	00h	00h
					<n></n>
SEN OUTPUT		Ri	Fo	Ro	SUM
CURRENT	Unconnected	Unconnected			0
LAST ZERO POINT					616
ZERO POINT OFFSET					-616
PERFORM 0-RESET IN CASE OF	F ERROR COD	E "75"		Dealer	0-RESET
75-Zero RESET				D-Zero F	RESET
CREATE LOG FILE		VE	HICLE		
CREATE		VE	HICLE VIN N	NUMBER	5701014

Figure 7

14. Select OK.

• The 75-Zero reset process will run for about seven (7) seconds.

COM PORT	4		[EXII	r
The reading is complete. The following is ODS status.					
CHECK					
CURRENT FAILURE CODE	0e	-1	2 ℤ	a3	a4
	100	0.04		00h	00h
PAST FAILURE CODE				00h	00h
SEN OUTPUT	Would you in	ke to start processing 75		Ro	<n> SUM</n>
CURRENT		ОК	Cancel		0
LAST ZERO POINT	1				523
ZERO POINT OFFSET					-523
PERFORM 0-RESET IN CASE	OF ERROR CO	DDE "75"		Dealer	0-RESET
75-Zero RESET				D-Zero F	RESET
CREATE LOG FILE		V	EHICLE	A	
CREATE		V	EHICLE VIN N	UMBER	1000111

Figure 8

- 15. When the screen in Figure 9 displays, turn OFF the ignition, and then turn ON the ignition.
- 16. After turning ON the ignition, select **OK**.
 - The 75-Zero reset process will run for about another seven (7) seconds.



Figure 9

- 17. When the screen in Figure 10 displays, the 75-Zero reset process is complete.
 - Verify code 75h is not displayed under **CURRENT FAILURE CODE**.
- 18. Select either **EXIT** or the **EXIT** in the upper right corner (see Figure 10).

ODS Analysis tool					
COM PORT	4			EXI	r 🗸
75-Zero-RESET Complete.					
СНЕСК		_			
CURRENT FAILURE CODE	a0 00h	a1 00h	a2 00h	a3 00h	a4 00h
PAST FAILURE CODE		A1 00h	A2 00h	A3 00h	A4 00h
					<n></n>
SEN OUTPUT		Ri	Fo	Ro	SUM
LAST ZERO POINT	<u></u> 0	115			327
ZERO POINT OFFSET					4
PERFORM 0-RESET IN CASE O	F ERROR COD	θE ″75″	,	Dealer	- 0-RESET
75-Zero RESET				D-Zero F	RESET
CREATE LOG FILE		VI	EHICLE		
CREATE		VI	EHICLE VIN N	UMBER	

Figure 10

- 19. Turn OFF the ignition, and then turn ON the ignition.
- 20. Disconnect tool J-51594, and then connect the VI to the CONSULT PC and the vehicle.

21.	After the VI is recognized, select Diagnosis (All Systems) .	Back	Rome	Print	Screen Capture Mode	Dia	O Help	ERT 12.1V	YI VI	X D		
		VI MI	Sorial 23143	io. 140	Status		Dia	agnosis (C agnosis (A	one Sy	rstem) tems)		
		Applic:	Select Select Sub mode	/I/MI ng	No connection		C Re	/programr mobilizer intenance	ning,	Configurat	tion	
		37	³ VDR									

Figure 11

22. Verify the vehicle information is correct, and then select **Confirm**.

Ver.0.3F40.20		ates
Back Home Print Screen	Messurement Mode Recorded Data Per	
Diagnosis (All Systems)	Confirm Vehicle	
Please confirm selected information and to	uch "Confirm". In case you want to select another vehicle,	
VIN or Chassis #)
Vehicle Name :	ROGUE	
Model Year	2019MY	
	1/1	ן נ
		Change
		Confirm
,		

Figure 12

- 23. Select **AIR BAG**.
 - DTC B00A0-00 should be the only DTC displayed.

Π	VC.	1.03740.20	Julies
	Back Home	Print Screen	Screen Capture Measurement Mode Recorded Data Paint X Image: Capture of the ca
	Diagnosis (All Systems)	Select	Vehicle Confirm Vehicle Diagnosis (All Systems)
	🖳 All DTC	CAN Diag	CAN DIAG SUPPORT MNTR
	Result		Detailed Information
		1	AIR BAG
	AIR BAG	PAST	
			B00A0-00 OCCUPANT SENS UNIT PAST FFD Expla
	ENGINE	NO DTC	
	ABS	NO DTC	
	METER/M&A		
	METERVINGA	Nobic	
	всм	NO DTC	
			Print for Customer
	ICC/ADAS	NO DTC	
			Print
	TRANSMISSION	NO DTC	
			Save
	1/4 <		1/1 ERASE

Figure 13

24. Select ERASE.

YEI.001 40.20	States
Image: Back Image: Back	
Diagnosis (All Systems) Select Vehicle Confirm Vehicle Diagnosis (All Systems)	AIR BAG
Result	Configuration
B00A0-00 OCCUPANT SENS UNIT [ABNORMAL VOLTAGE] PAST FFD	DTC Explanation
	Print
	Save
1/1	ERASE

Figure 14

25. Select **Execute**.



Figure 15

26. Select **Close**.

Back Recorded Data Print Screen Capture Mode Recorded Data	
Diagnosis (All Systems) Select Vehicle Diagnosis (All Systems) All BAG	
Self Diagnostic Information On	
B00A0-00 OCCUPANT SET	
"SELF-DIAG RESULTS" before erasing are confirmed from recorded data.	
and the second se	
N.G.	
Close	
	Print
	Save
1/1	ERASE
Figure 16	

Figure 16

• After selecting **Close**, the screen in Figure 17 should display (the DTC is erased).

Back Image: Construction of the second	
Diagnosis (All Systems) Select Vehicle Confirm Vehicle Systems) AIR BAG	
Self Diagnostic Data Monitor	
No DTC is detected. Further testing may be required.	
	Print
	Save
1/1	ERASE

Figure 17

- 27. Turn OFF the ignition and disconnect the battery maintainer/smart charger.
- 28. Turn OFF the hazard warning lamps.
- 29. Close C-III plus and the CONSULT PC.
- 30. Disconnect the VI from the vehicle.
- 31. LEAF vehicles: If turned OFF at the beginning of the service procedure, turn ON the timer for charging and/or climate control, as it applies.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Perform 75 - Zero Reset	(1)	RX8NAA	HC	32	0.4

(1) Reference the Electronic Parts Catalog and use the Occupant Sensor (98856-****) as the Primary Failed Part (PFP).

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
September 12, 2019	NTB19-071	Original bulletin published
March 5, 2021	NTB19-071A	APPLIED VEHICLES revised
April 26, 2022	NTB19-071B	APPLIED VEHICLES revised