



SERVICE BULLETIN

Classification:

RS19-004

Reference:

NTB19-071

Date:

September 12, 2019

DTC B00A0-00 STORED

APPLIED VEHICLES:

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

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:

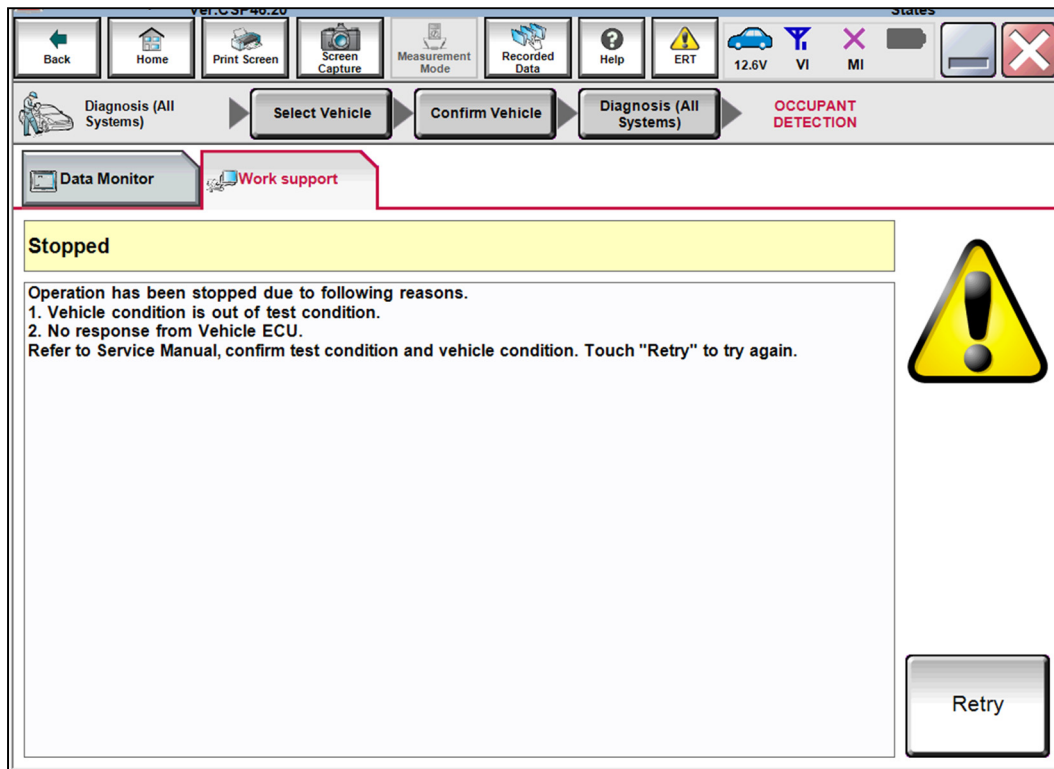


Figure 1

ACTION

1. Check the Occupant Classification System (OCS) control unit using the ODS Analysis tool software.
 - Refer to **SERVICE PROCEDURE** on page 5.

HINT: "OCS" may also be referred to as "ODS".
2. Perform "75-zero RESET".

REQUIRED SPECIAL TOOL: OCS Reprogramming Cable J-51594

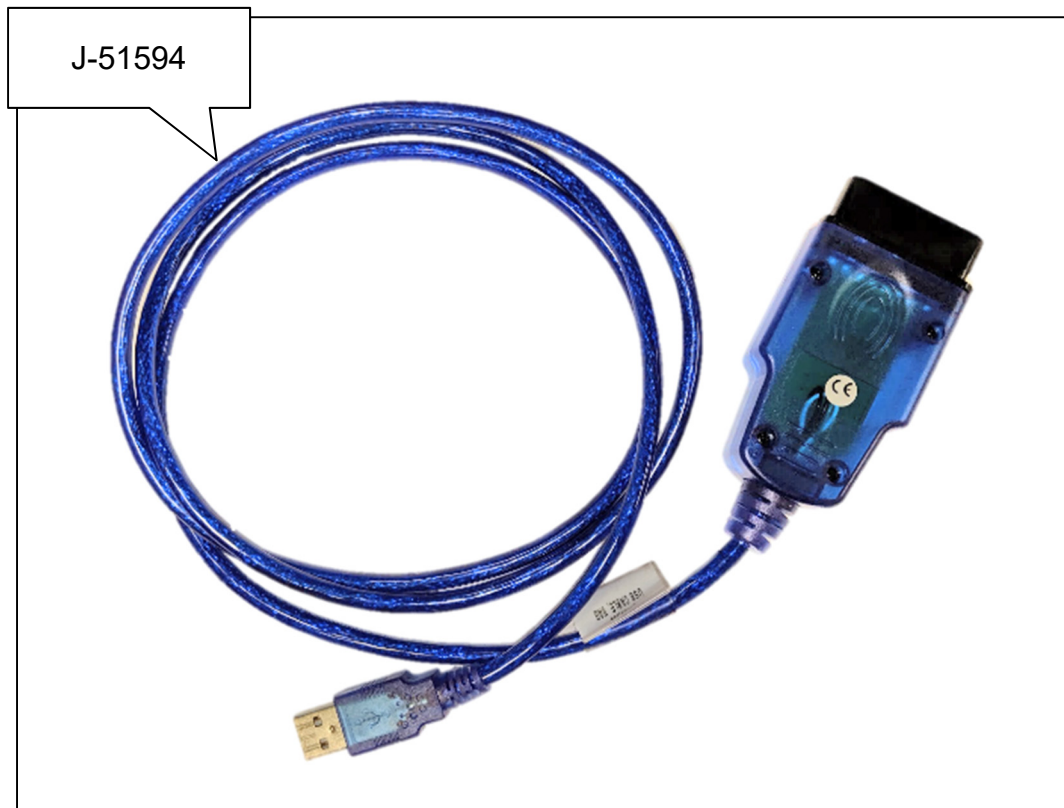


Figure 2

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” may also 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 below 12.0V or rises above 15.5V during reprogramming, the OCS control unit may be damaged.
- Be sure to turn OFF all vehicle electrical loads. If a vehicle electrical load remains ON, the OCS control unit may be damaged.
- 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 the OCS control unit may be damaged.

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 plus 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 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**.

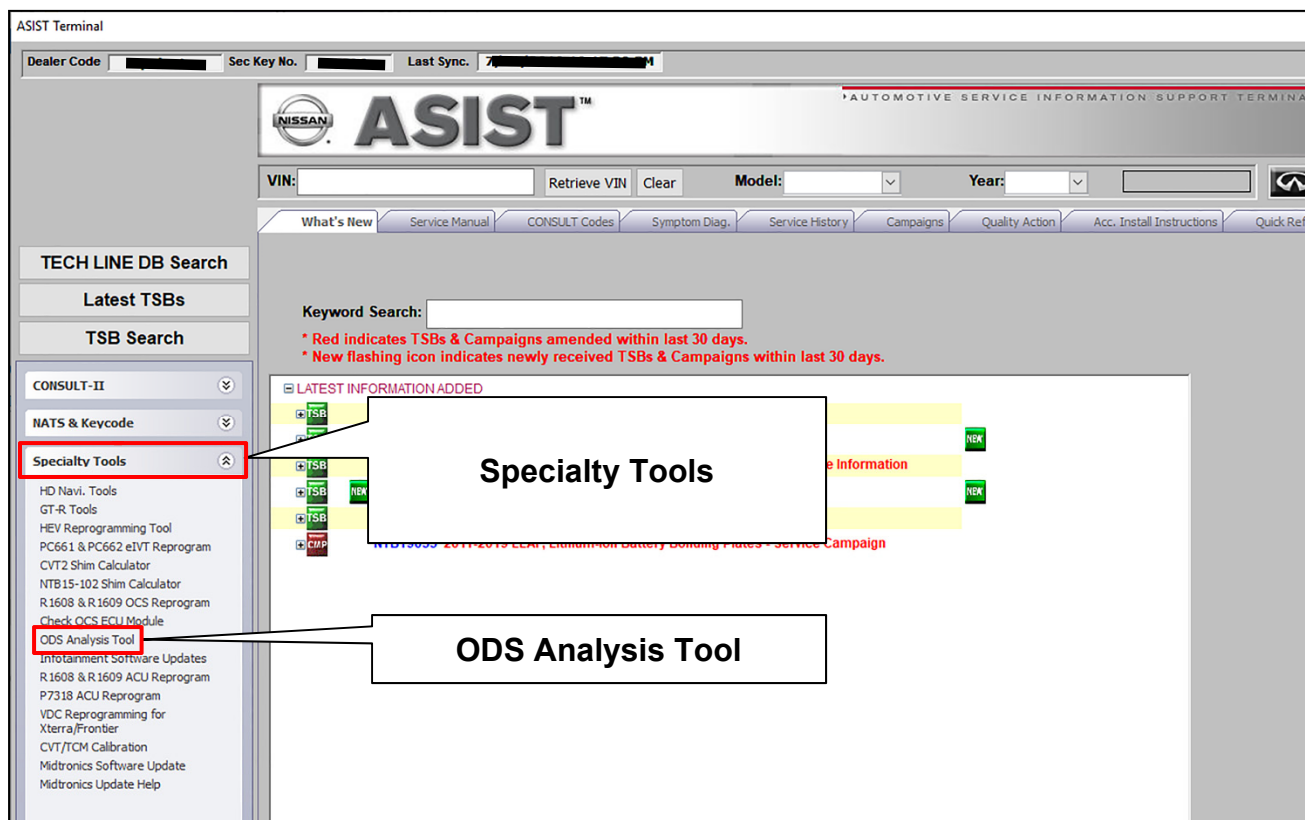


Figure 4

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

The screenshot shows the ODS Analysis Tool interface. It includes a 'COM PORT' field set to 4 and an 'EXIT' button. Below, there's a section for 'Please fill in Vehicle type and VIN number column.' with a 'CHECK' button. A green arrow points to the 'CHECK' button. Below this, there are tables for 'CURRENT FAILURE CODE', 'PAST FAILURE CODE', and 'SEN OUTPUT'. At the bottom, there are buttons for '75-Zero RESET', 'D-Zero RESET', 'CREATE LOG FILE', and 'CREATE'. A red box highlights the 'VEHICLE' (ROGUE) and 'VEHICLE VIN NUMBER' (K0701000) fields, with a green arrow pointing to them.

Figure 5

11. Select **OK**.

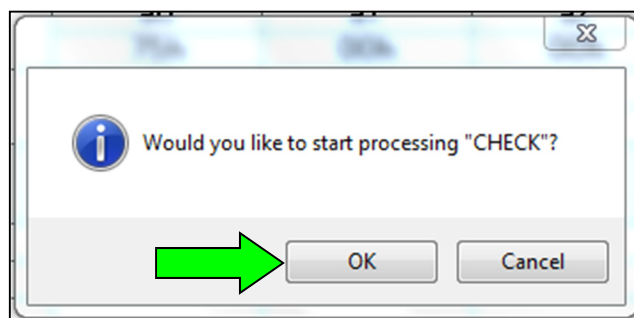


Figure 6

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**.

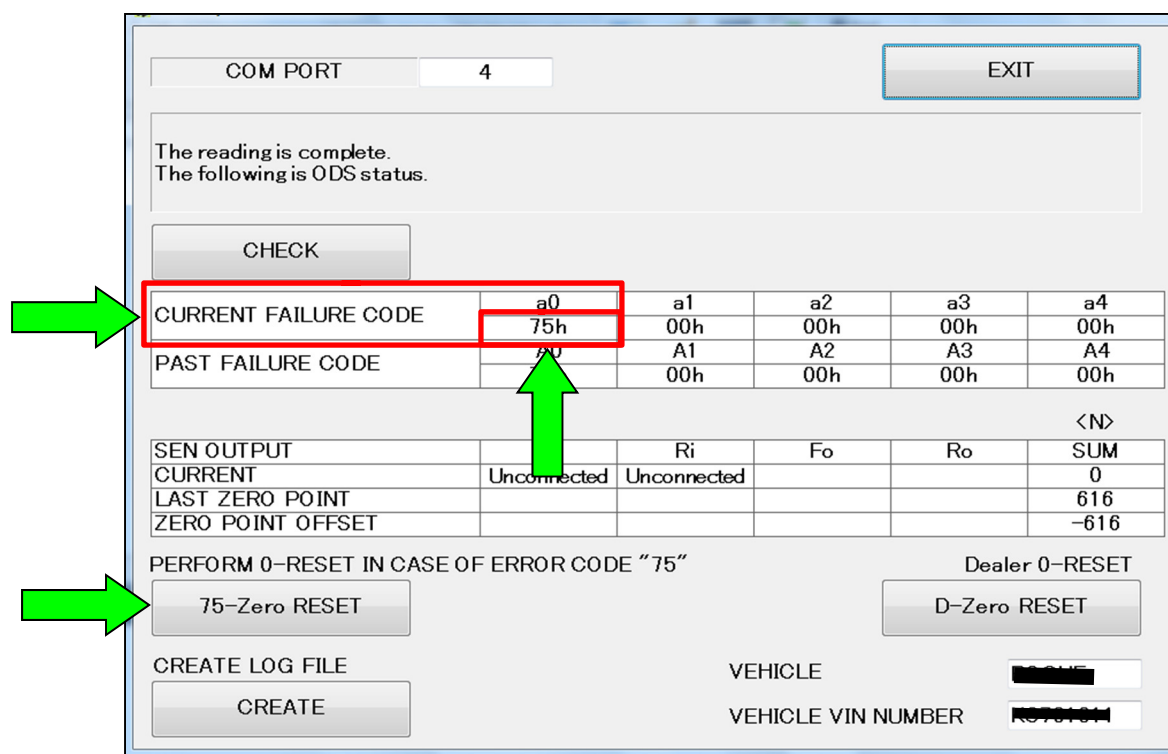


Figure 7

14. Select **OK**.

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

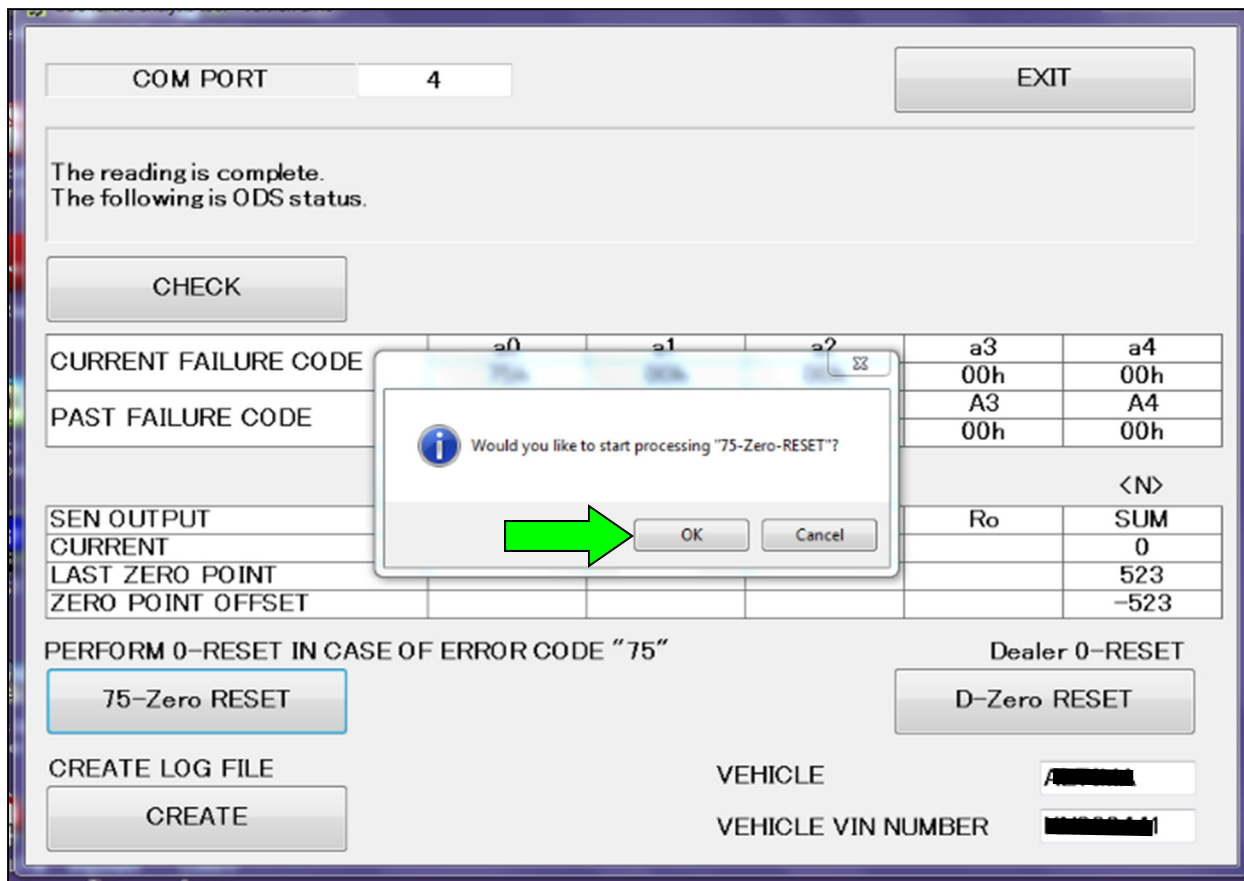


Figure 8

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.

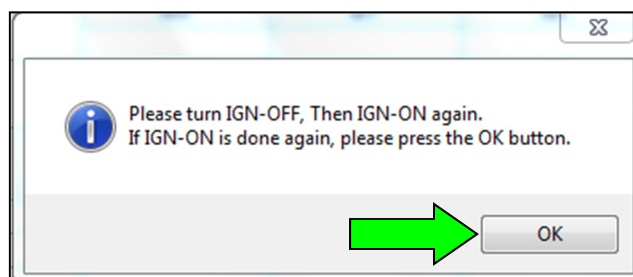



Figure 9

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  in the upper right corner (see Figure 10).

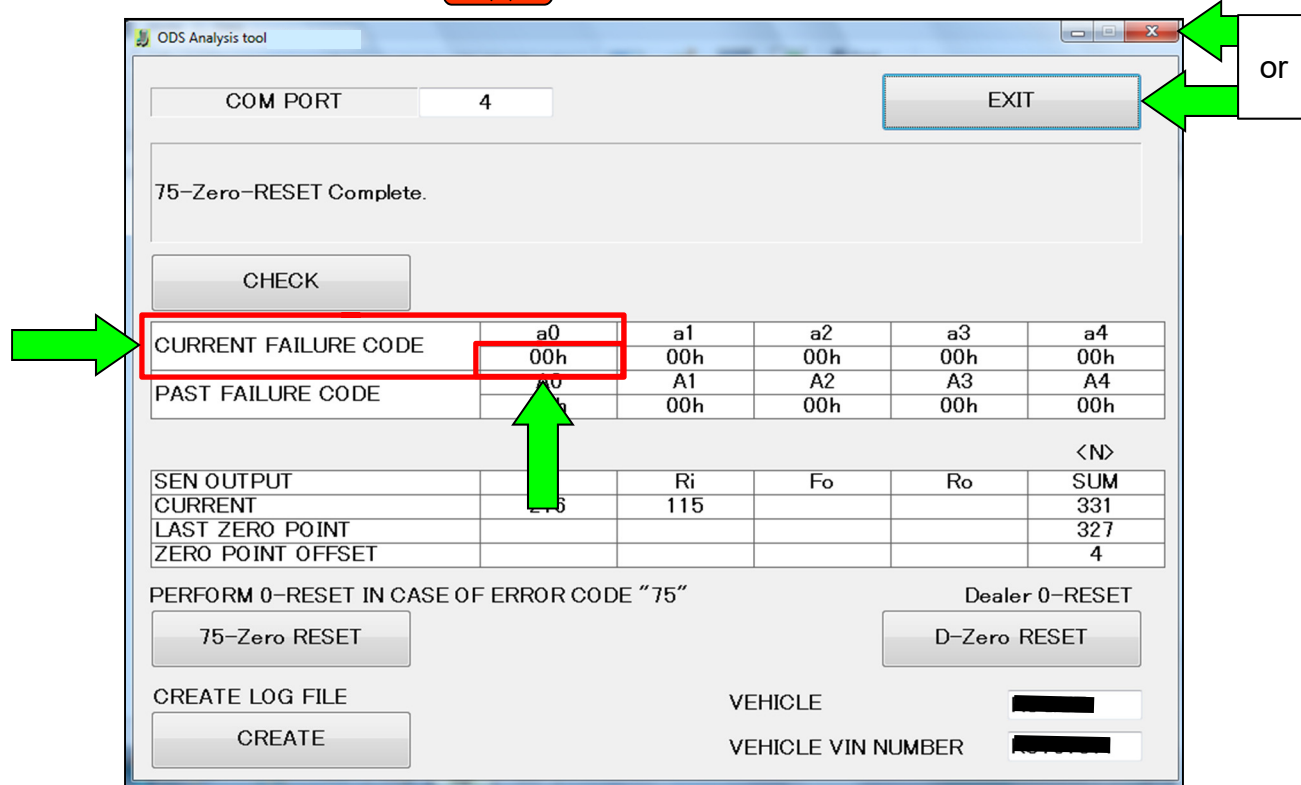


Figure 10

19. Turn OFF the ignition, and then turn ON the ignition.
20. Disconnect tool J-51594, and then connect the plus VI to the CONSULT PC and the vehicle.
21. After the plus VI is recognized, select **Diagnosis (All Systems)**.

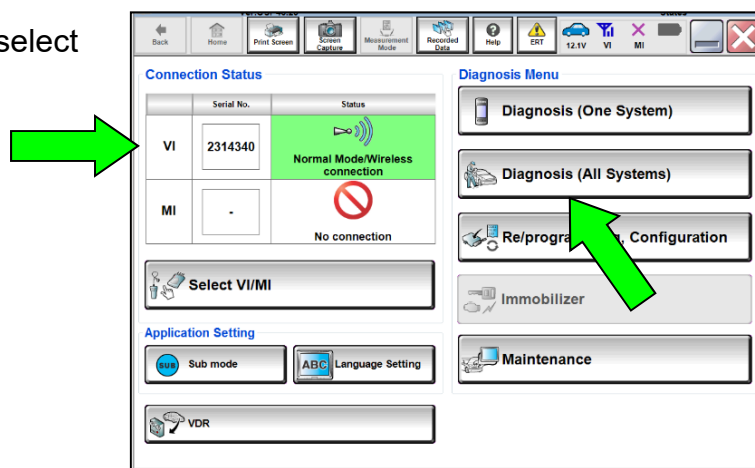


Figure 11

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

Diagnosis (All Systems) Select Vehicle Confirm Vehicle

Please confirm selected information and touch "Confirm". In case you want to select another vehicle, touch "Change".

VIN or Chassis #	5N1AT2MVXKC
Vehicle Name :	ROGUE
Model Year	2019MY

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Change Confirm

Figure 12

23. Select **AIR BAG**.

Diagnosis (All Systems) Select Vehicle Confirm Vehicle Diagnosis (All Systems)

All DTC CAN Diag CAN DIAG SUPPORT MNTR SRT & P-DTC Network DTC

Result	Detailed Information
AIR BAG PAST	AIR BAG B00A0-00 OCCUPANT SENS UNIT PAST FFD DTC Expla
ENGINE NO DTC	
ABS NO DTC	
METER/M&A NO DTC	
BCM NO DTC	
ICC/ADAS NO DTC	
TRANSMISSION NO DTC	

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Print for Customer Print Save ERASE

Figure 13

- After selecting **AIR BAG**, B00A0-00 should be the only DTC displaying.

24. Select **ERASE**.

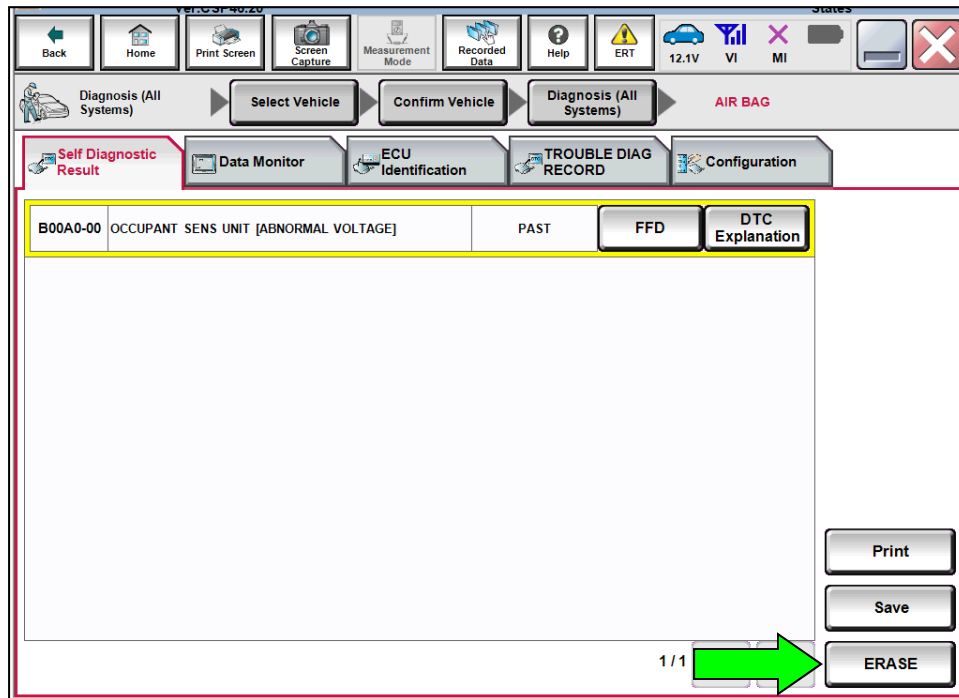


Figure 14

25. Select **Execute**.

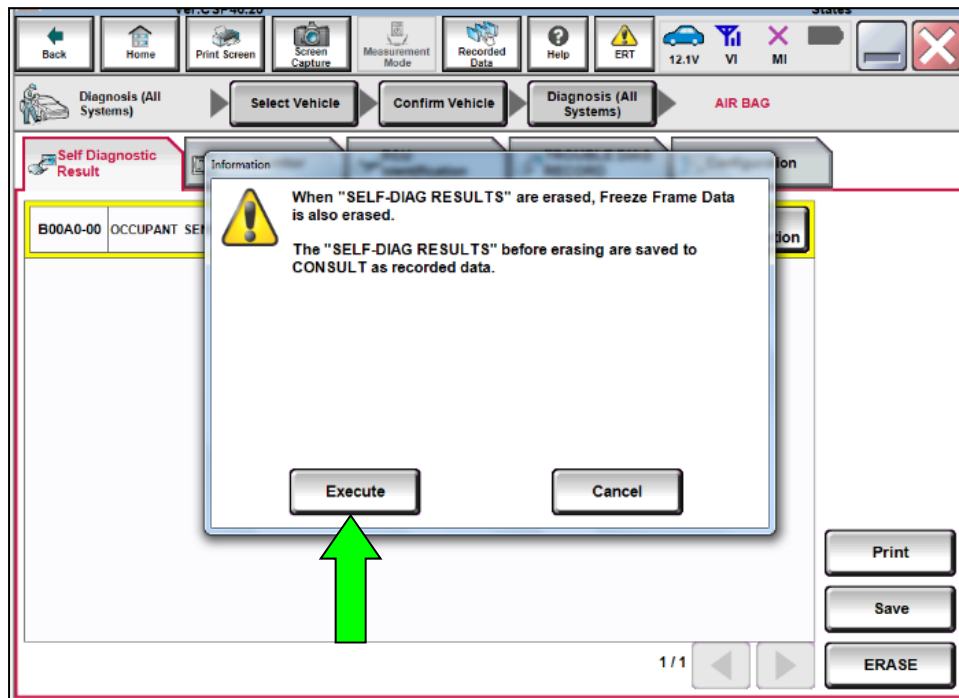


Figure 15

26. Select **Close**.

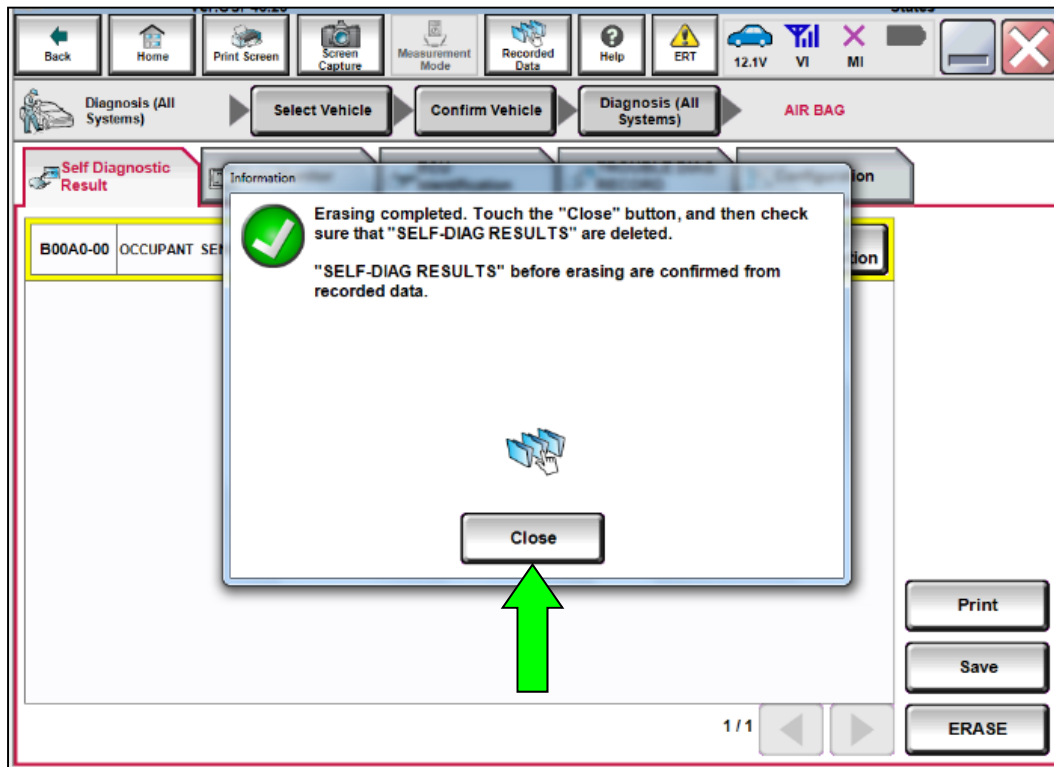


Figure 16

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

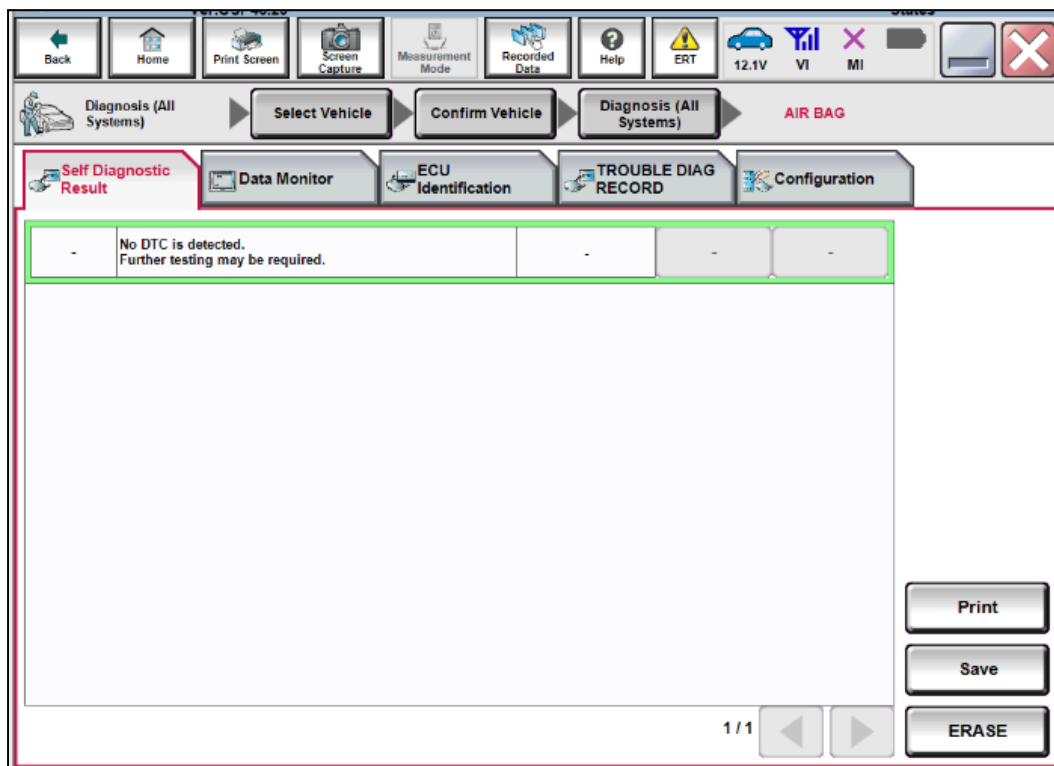


Figure 17

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 plus 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