∞ INFINITI. **S E R V I C E   B U L L E T I N**

Classification:	Reference:	Date:
RS19-005	ITB19-024	September 12, 2019

DTC B00A0-00 STORED

APPLIED VEHICLES:
2009-2013 FX (S51)	2011-2013 QX56 (Z62)
2013 JX35 (L50)	2014-2020 QX60 (L50)
2014-2020 Q50 (V37)	2014-2017 QX60 Hybrid (L50H)
2014-2018 Q50 Hybrid (HV37)	2014-2017 QX70 (S51)
2017-2019 Q60 (CV37)	2014-2019 QX80 (Z62)
2019-2020 QX50 (J55)	

IF YOU CONFIRM

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

And

OCS zero point reset cannot be performed

And

The following screen will display:
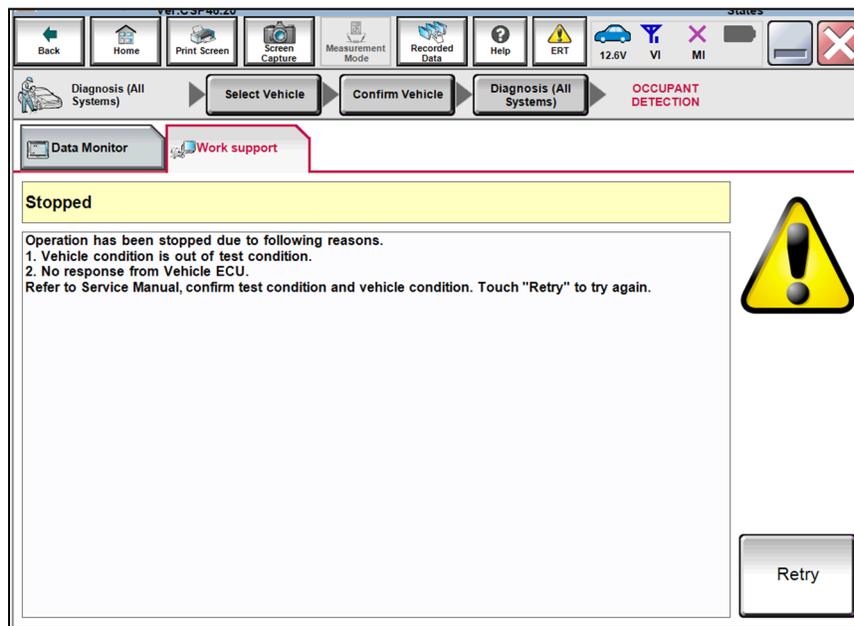
Figure 1

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.

ACTION

1.   Check the Occupant Classification System (OCS) control unit using the ODS Analysis tool software.

- Refer to **SERVICE PROCEDURE** on the next page.

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

2.   Perform "75-zero RESET".

**REQUIRED SPECIAL TOOL: OCS Reprogramming Cable J-51594**
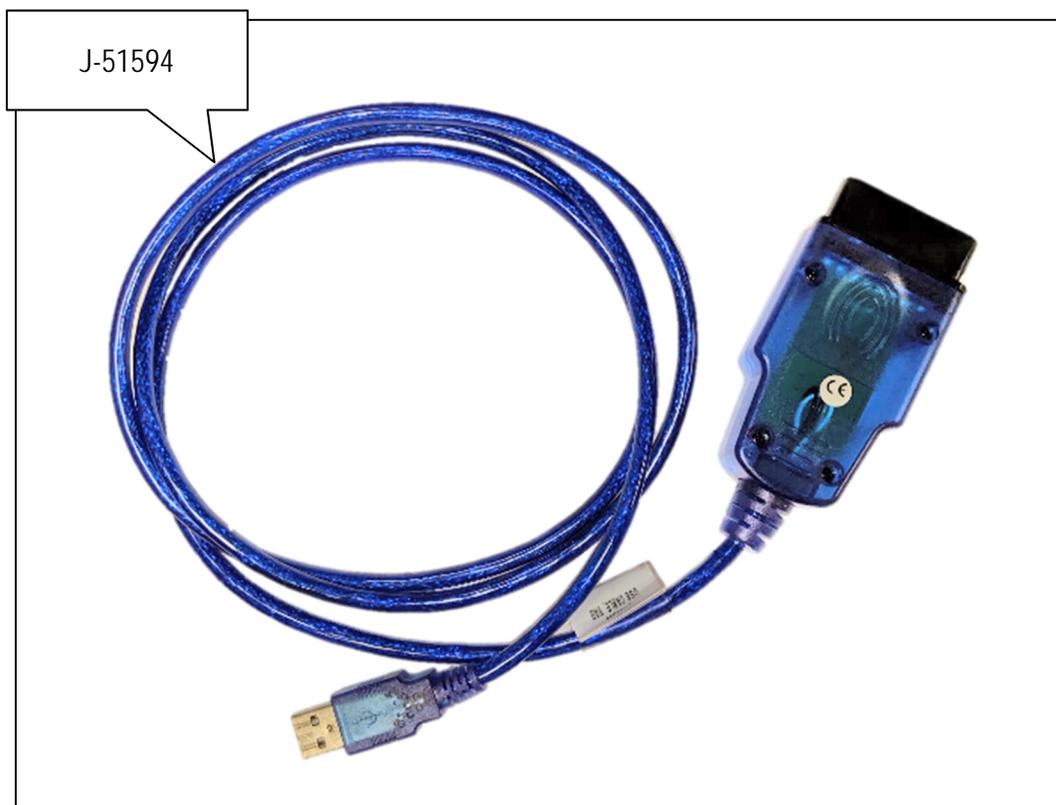
J-51594

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).

NOTICE

- Connect a battery maintainer or smart charger set to reflash mode or a similar setting. If the vehicle's battery voltage <u>drops 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 <u>the OCS control unit may be damaged</u>.

- 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>.

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1. Turn ON the ignition/HV system (engine OFF).
2. Turn ON the hazard warning lamps.
3. Connect the plus VI to the vehicle and the CONSULT PC <u>with its USB cable</u>.
4. 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.
5. Close C-III plus, but leave ASIST running.
6. Connect tool J-51594 to the CONSULT PC USB connector and the vehicle DLC connector.
   - Make sure the cable is securely connected at both ends.
7. 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.

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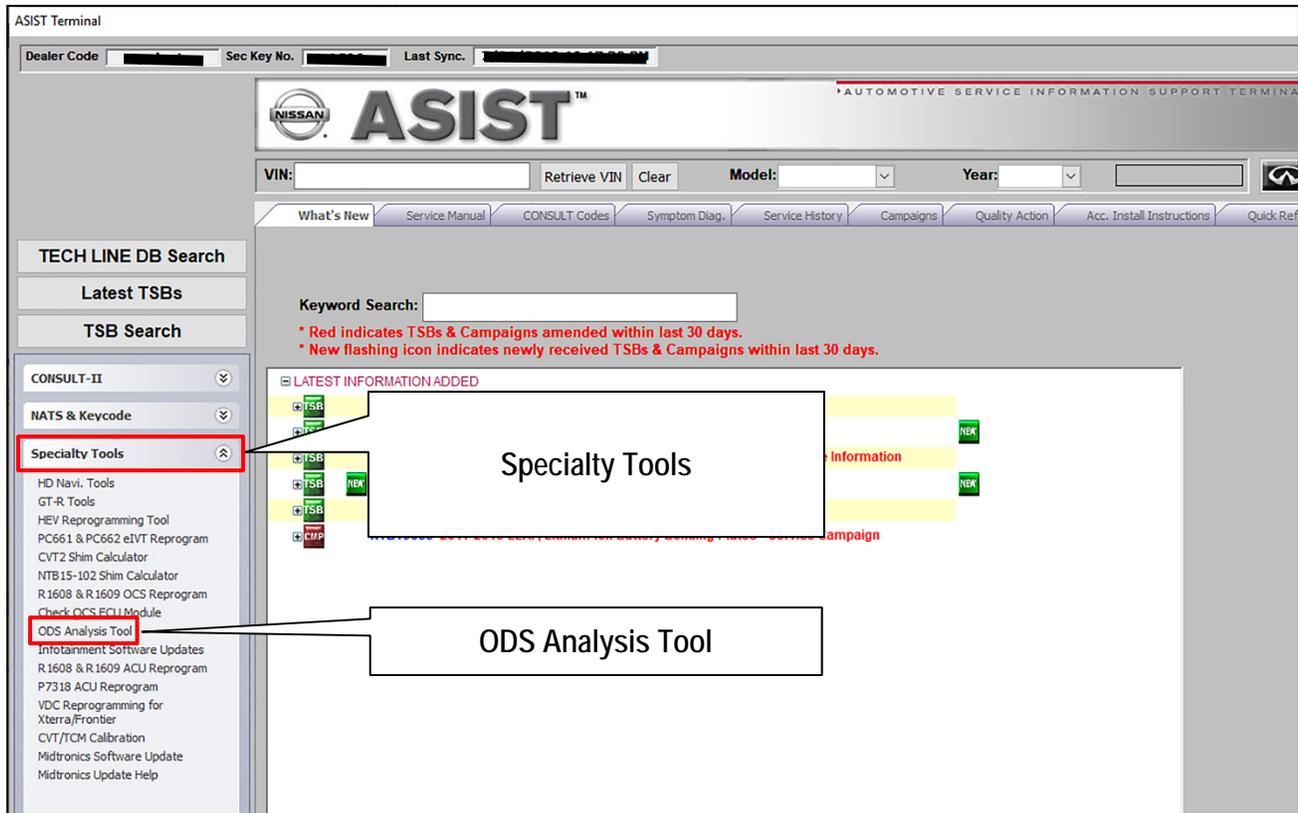

Figure 3

9.   Enter the vehicle model and the last eight (8) digits of the VIN in the corresponding spaces, and then select **CHECK**.
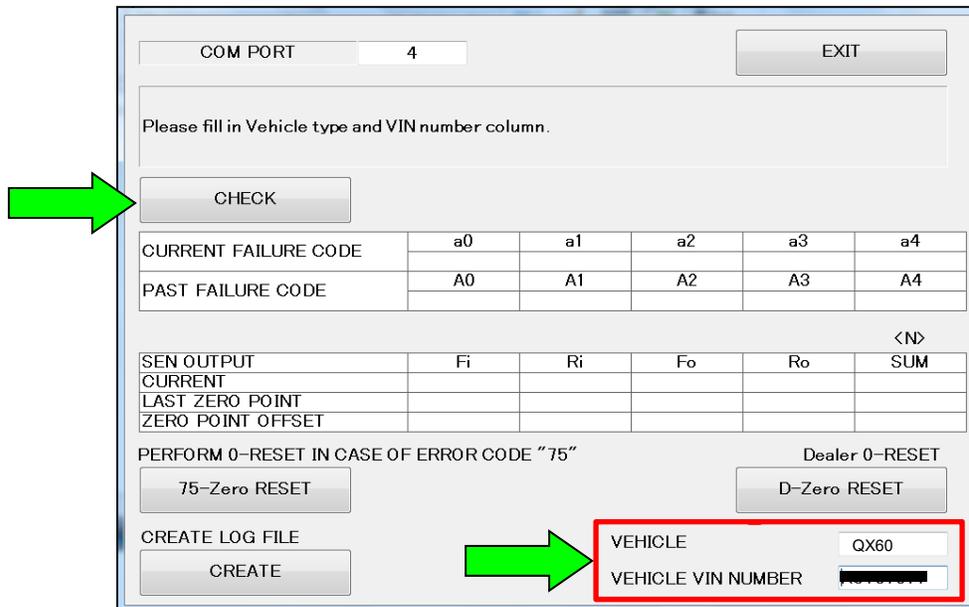
Figure 4

10. Select **OK**.
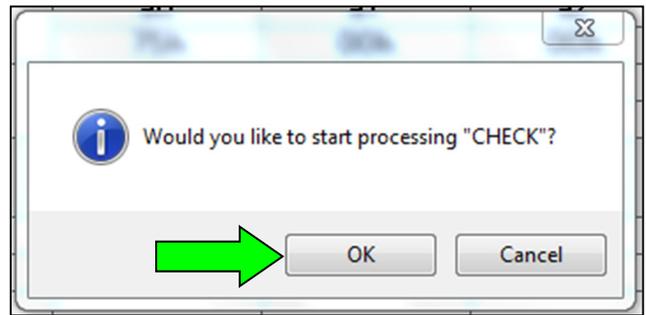
Figure 5

11. Check for code 75h to show under **CURRENT FAILURE CODE**.

- If code 75h shows under **CURRENT FAILURE CODE**, go to step 12.

- 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.

12. Select **75-Zero RESET**.
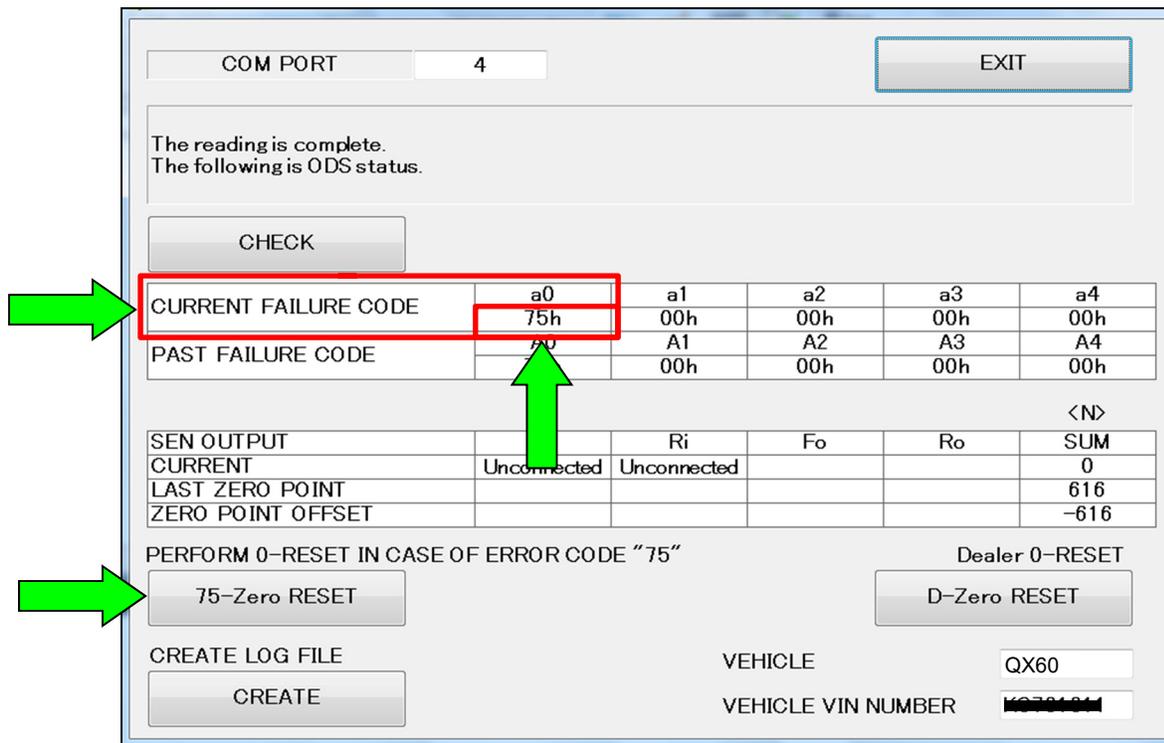
Figure 6

13.   Select **OK**.

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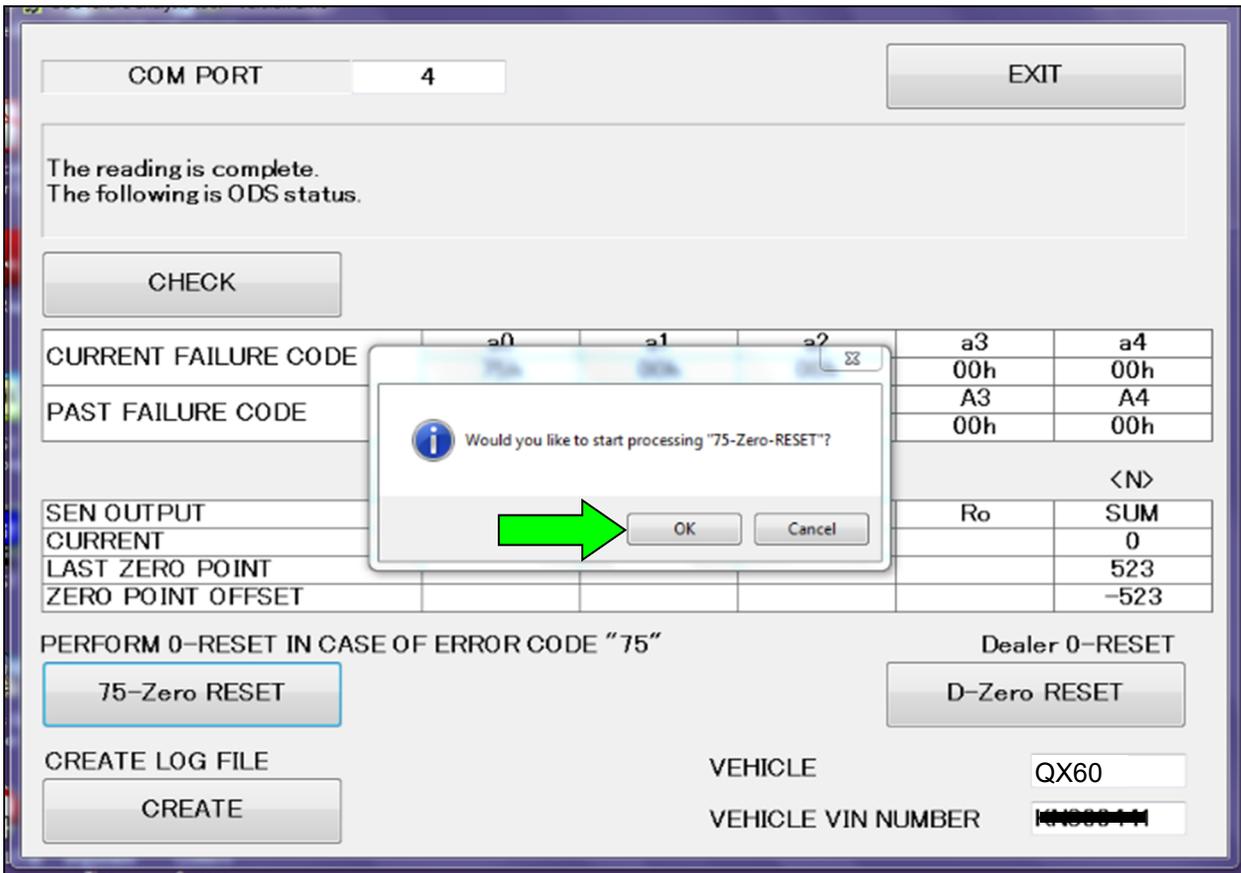
Figure 7

14.   When the screen in Figure 8 appears, turn OFF the ignition, and then turn ON the ignition.

15.   After turning ON the ignition, select **OK**.

- The 75-zero reset process will run for about another seven (7) seconds.
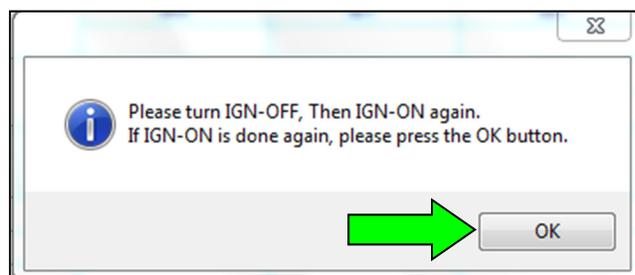
Figure 8

16. When the screen in Figure 9 displays, the 75-zero reset process is complete.

    - Verify code 75h is not displayed under **CURRENT FAILURE CODE**.

17. Select either **EXIT** or the [X] in the upper right corner (see Figure 9).
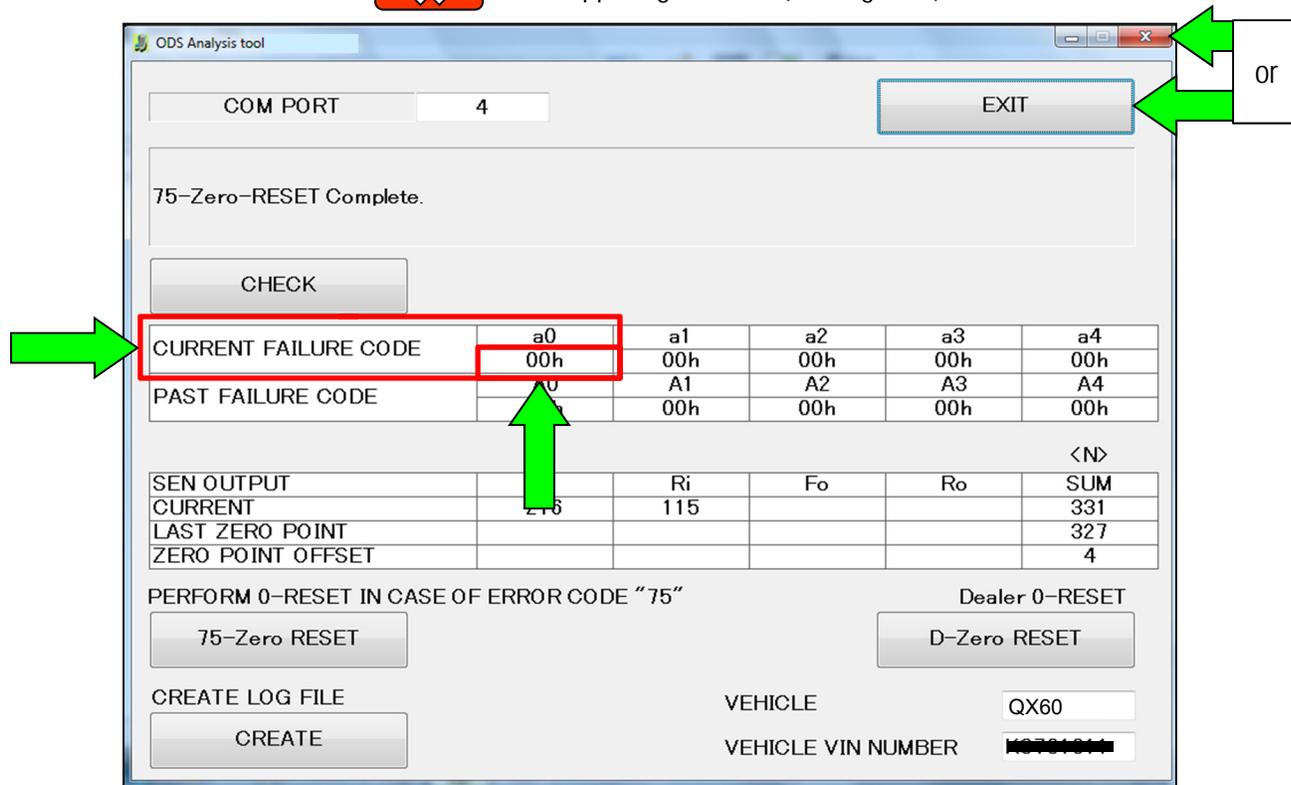
Figure 9

18. Turn OFF the ignition, and then turn ON the ignition.

19. Disconnect tool J-51594, and then connect the plus VI to the CONSULT PC and the vehicle.

20. After the plus VI is recognized, select **Diagnosis (All Systems)**.
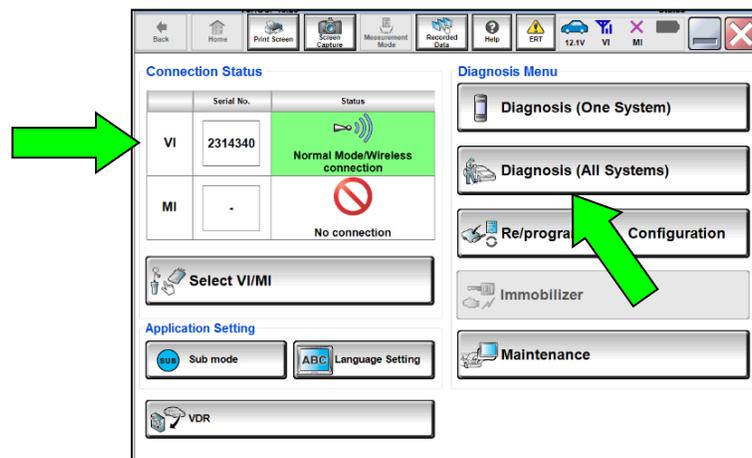
Figure 10

21. Verify the vehicle information is correct, and then select **Confirm**.
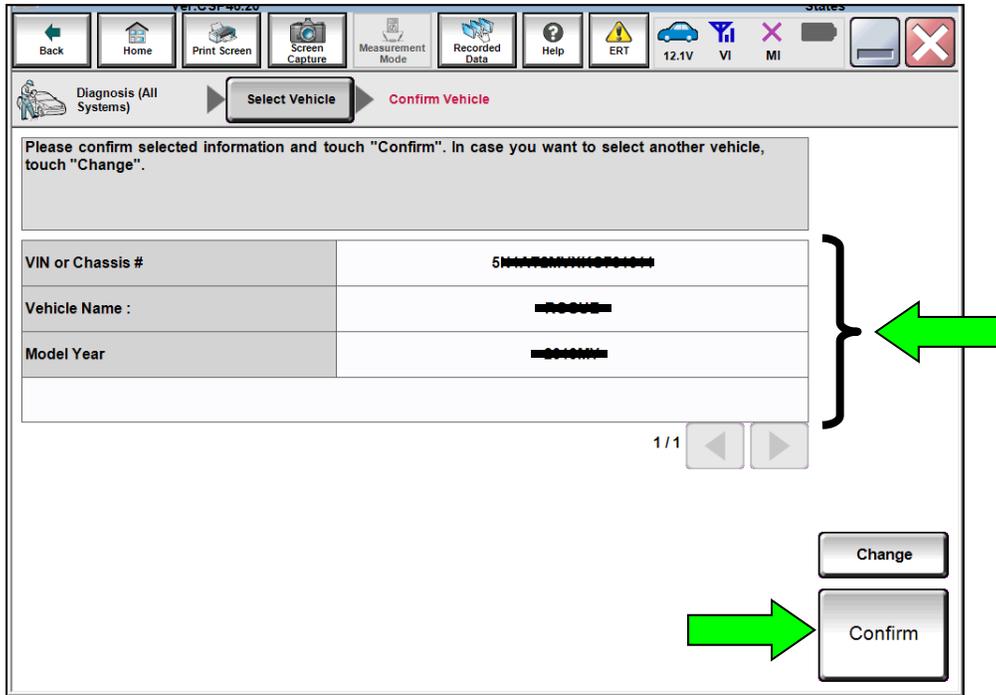
Figure 11

22. Select **AIR BAG**.
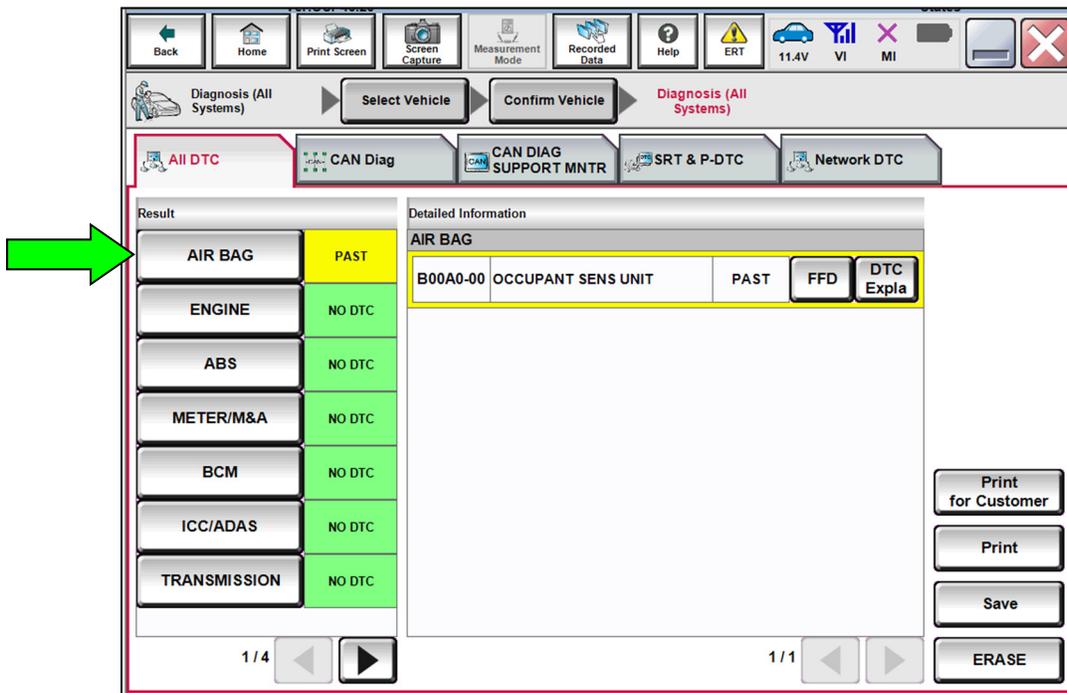
Figure 12

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

23. Select **ERASE**.
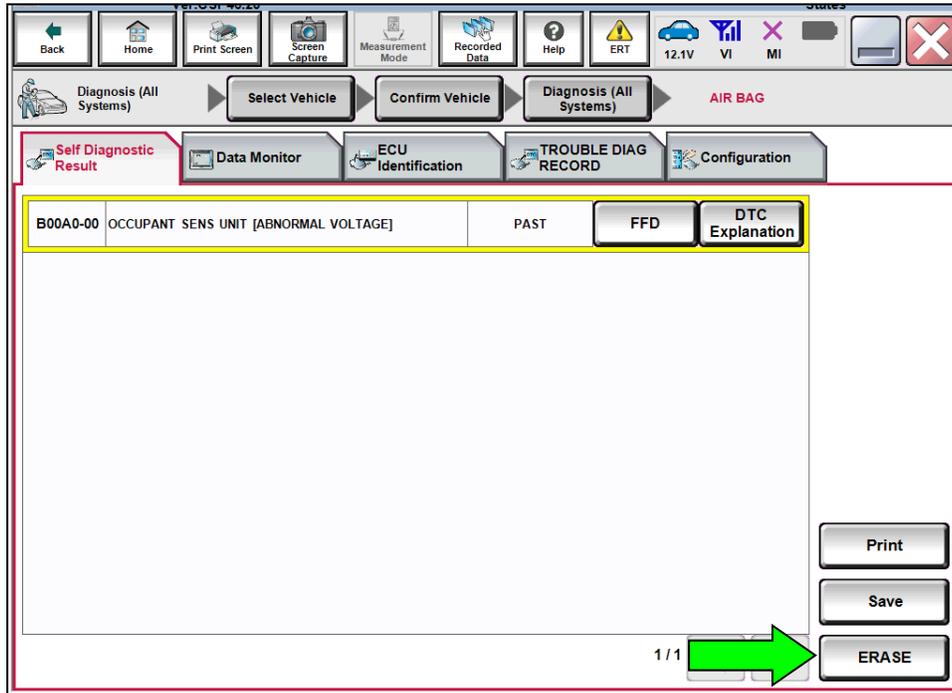
Figure 13

24. Select **Execute**.
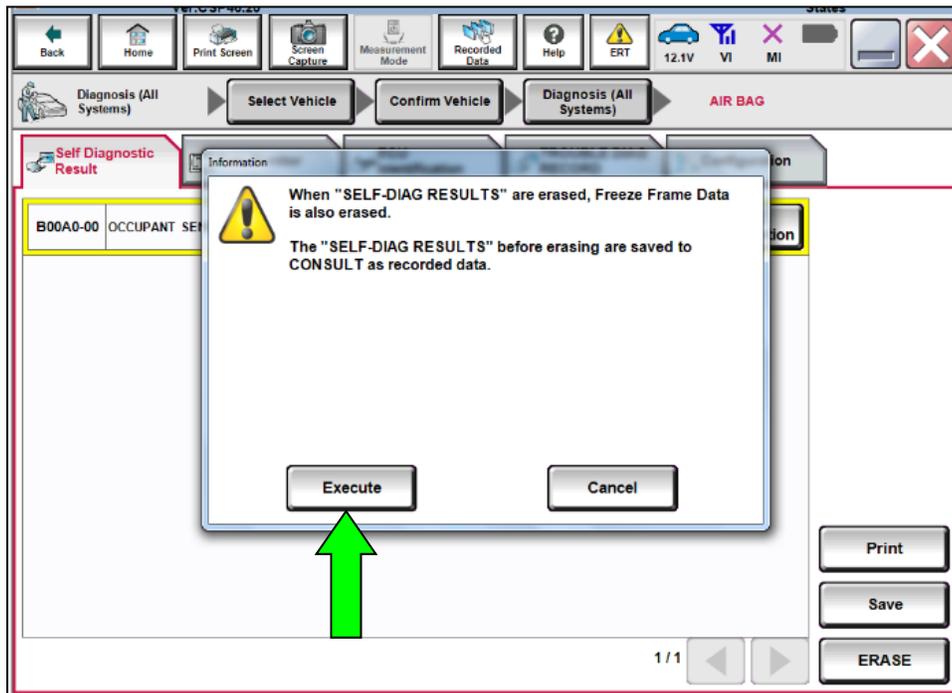
Figure 14

25. Select **Close**.
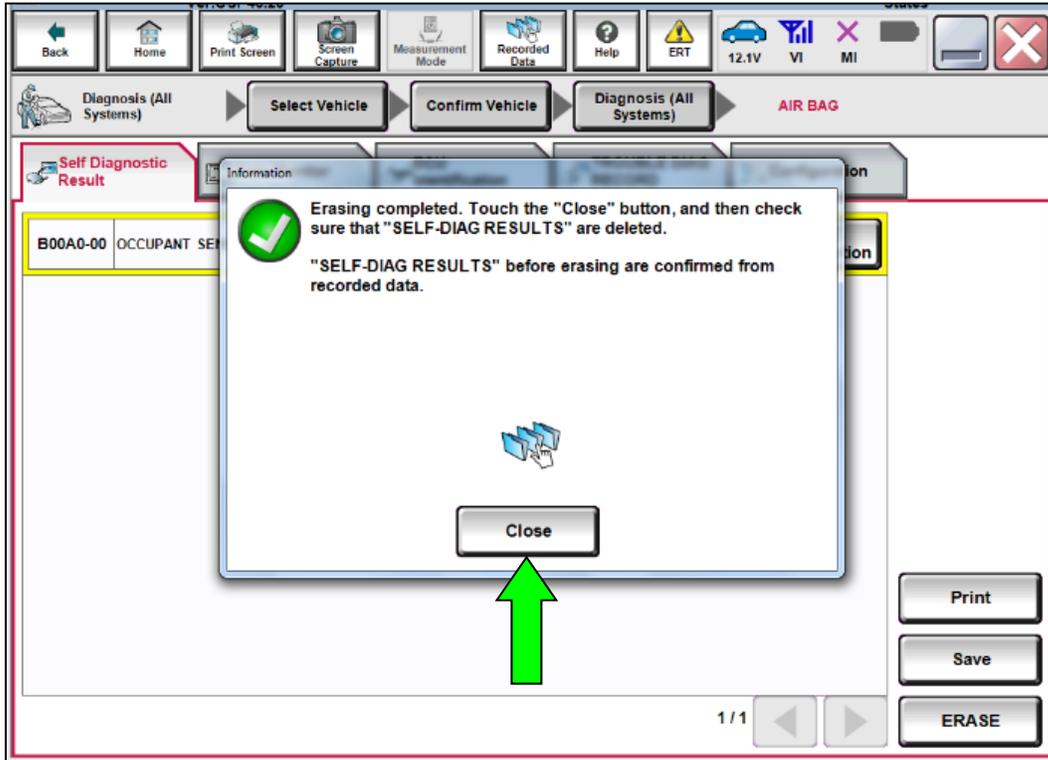
Figure 15

- After selecting **Close**, the screen in Figure 16 should display (the DTC is erased).
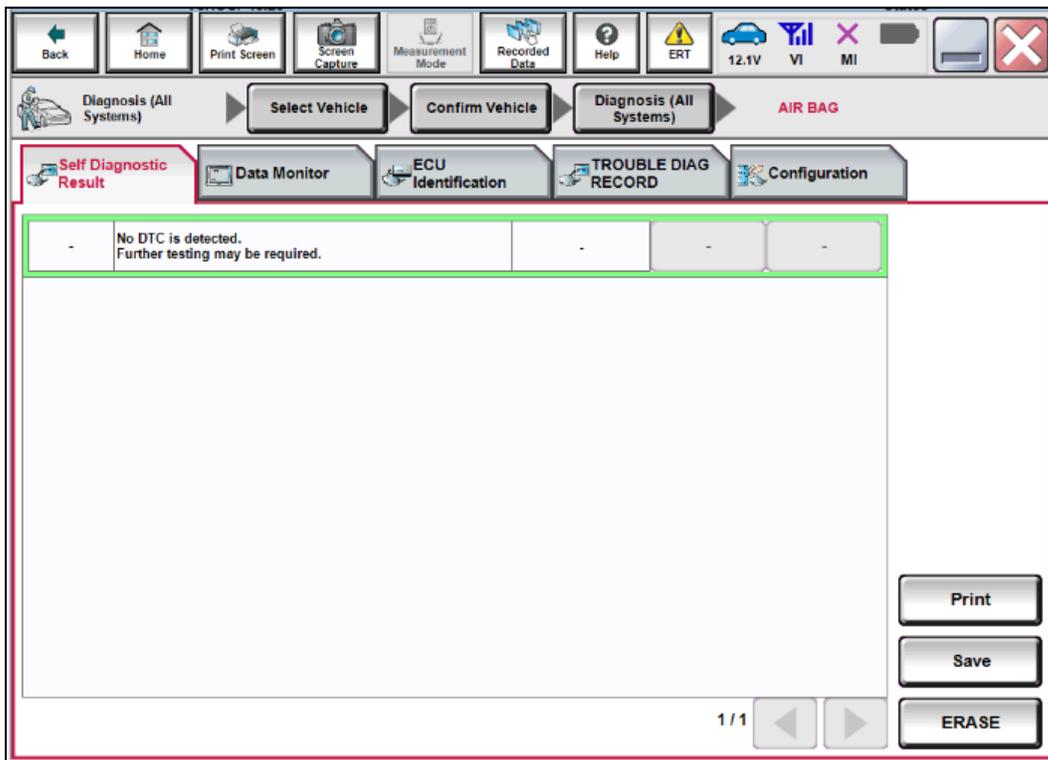

Figure 16

26.   Turn OFF the ignition and disconnect the battery maintainer/smart charger.

27.   Turn OFF the hazard warning lamps.

28.   Close C-III plus and the CONSULT PC.

29.   Disconnect the plus VI from the vehicle.

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	ITB19-024	Original bulletin published