

Classification:

EL20-026

Reference:

ITB20-021

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Date:

August 31, 2020

SOFTWARE UPDATE FOR INFOTAINMENT ISSUES

APPLIED VEHICLES: 2020 Q50 (V37)
2020 Q60 (CV37)
2020 QX50 (J55)
2020 QX80 (Z62)

APPLIED SYSTEM: Audio Infotainment System

SERVICE INFORMATION

When diagnosing an infotainment issue, always confirm that the latest software is installed in the AV control unit before starting the diagnosis.

The software update in the following Service Procedure is for the items below:

- Stability improvements and "bug" fixes

Refer to steps 1 - 4 to confirm that this bulletin applies.

HINT: The software update only needs to be downloaded once and can then be used on multiple Applied Vehicles until other infotainment software is loaded onto the USB drive to overwrite the original data.

Infiniti 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 Infiniti retailer to determine if this applies to your vehicle.

REQUIRED SPECIAL TOOL

- One of special tool USB drive J-52727 has been shipped to each dealer (see Figure 1).
- Do not use any other USB drive to perform the procedure in this bulletin.
- Additional USB drives may be purchased from Tech•Mate: nissantechmate.com or 1-800-662-2001.

HINT:

- The software update only needs to be downloaded once and can then be used continuously on multiple Applied Vehicles.
- The update software must be the only file on the USB drive.



Figure 1

BOSCH CONTACT INFORMATION

If additional assistance is required from Bosch, fill out the form below and email it to: nissan.dealers@us.bosch.com

Bulletin Number	
Date	
Dealer Number	
Mailing Address:	
Dealer Name	
Address and Street	
City	
State	
Zip Code	
Order Placed By (your name)	
Current audio unit Software version	
Customer Concern	
Reason for request	<ul style="list-style-type: none">• Cannot download update software

SERVICE PROCEDURE

Check Software Version

1. Press and hold the **AUDIO** button and at the same time rotate the volume knob left and right until the second screen appears.



Figure 2

2. Select **Confirmation/Adjustment**.

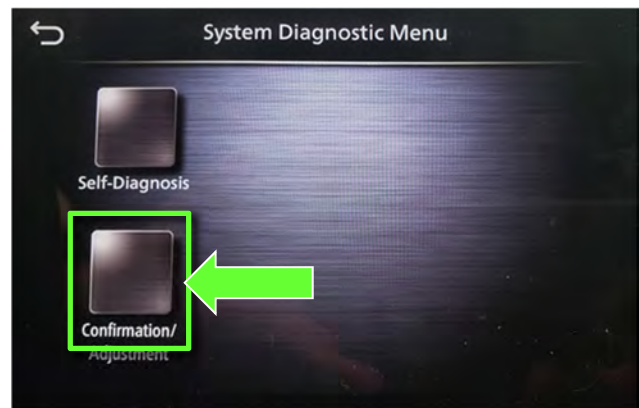


Figure 3

3. Scroll down and select **Version Information**.

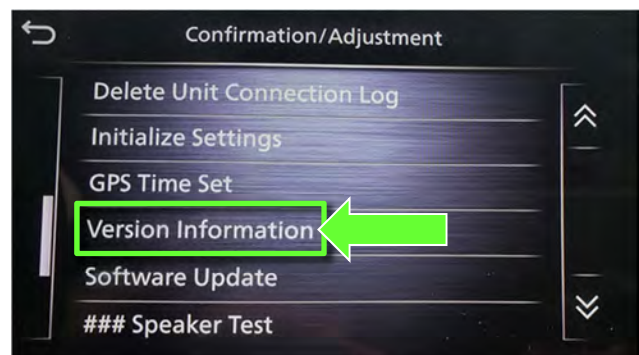


Figure 4

4. Confirm the **Software Version** number (Figure 5).

- If the Software Version (digits 6-9 as shown in Figure 6) is **lower** than xxxxx**2959**x, select the back button and continue to step 5 on the next page.
- If the Software Version is xxxxx**2959**x or higher (digits 6-9), select the back button; this bulletin does not apply. Refer to ASIST for further diagnostic information.

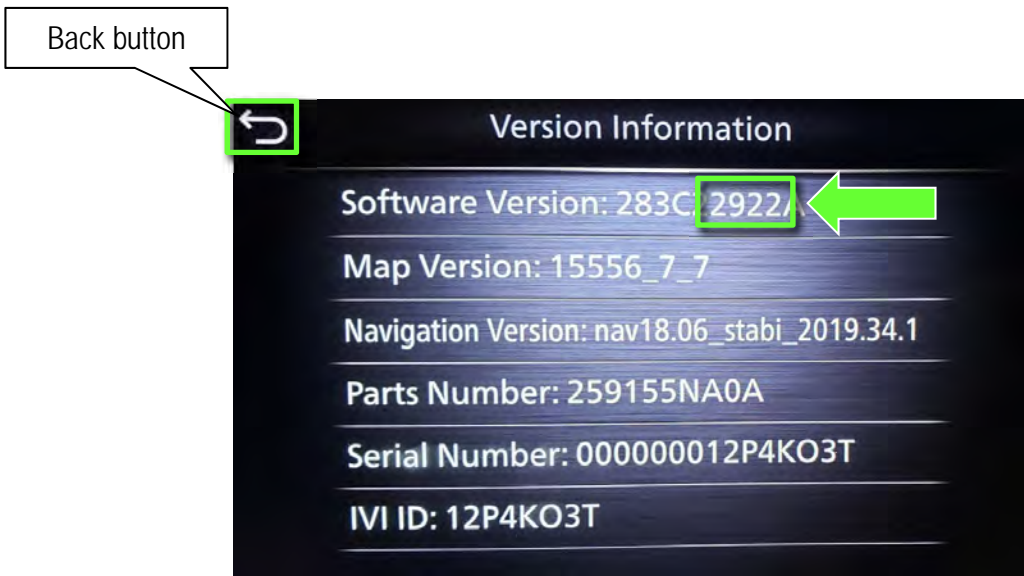


Figure 5

Update AV Control Unit

IMPORTANT: Before starting, make sure:

- ASIST is connected to the internet.
- ASIST has been synchronized (updated) to the current date.

NOTE: In the following steps if more than one CONSULT PC\Unit is available, and **PVI001** infotainment software update has already been downloaded through ASIST to one of them, use the CONSULT PC\Unit with the pre-existing download.

5. Insert special tool USB drive J-52727 to an ASIST Station.

- If the infotainment software has already been downloaded onto special tool USB drive J-52727 from a prior service procedure, skip to step 14 on page 7.

HINT:

- Special tool USB drive J-52727 is the only one approved for use with this procedure.
- The update is estimated to take **6 hours** to download to the USB drive, depending on internet speed.
- The software update only needs to be downloaded once and can then be used continuously on multiple Applied Vehicles.
 - The software update must be the only file on the USB drive.

6. Open ASIST.

7. Select **Specialty Tools**, and then select **Infotainment Software Updates**.

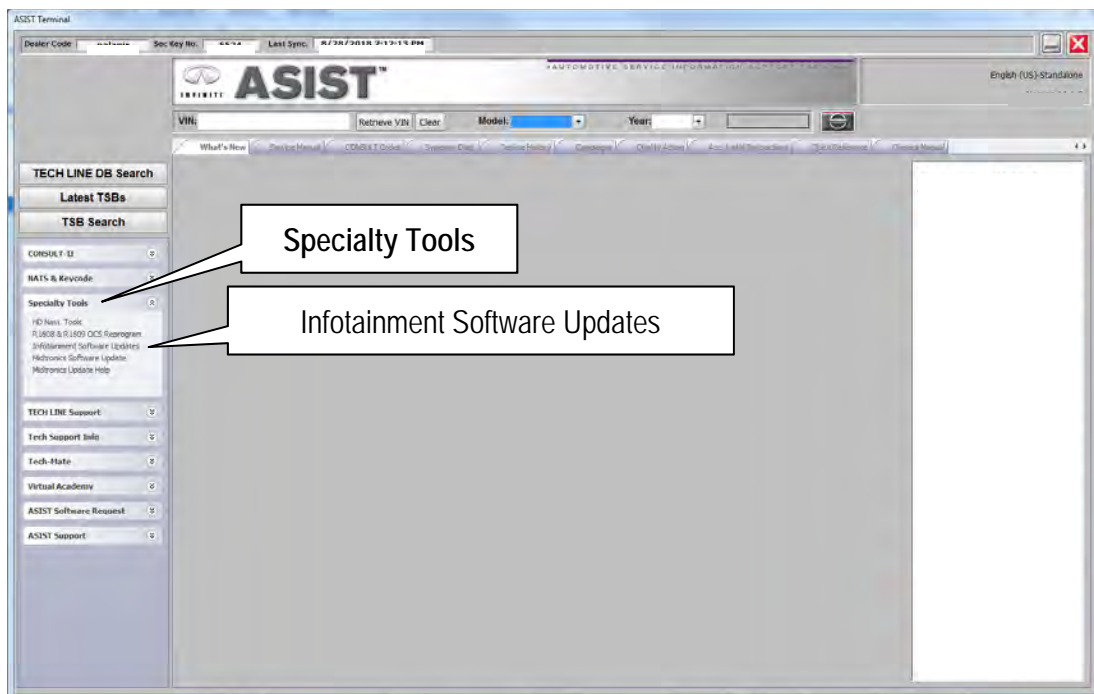


Figure 6

8. Select the check box next to **PVI001** infotainment software update (refer to Figure 7 below).
 - If **PVI001** infotainment software update has already been downloaded, when the infotainment software update box is checked, **"Transfer"** will be displayed instead of **Download**.
9. Use the drop-down menu and select the location of the USB drive that was inserted in step 5.

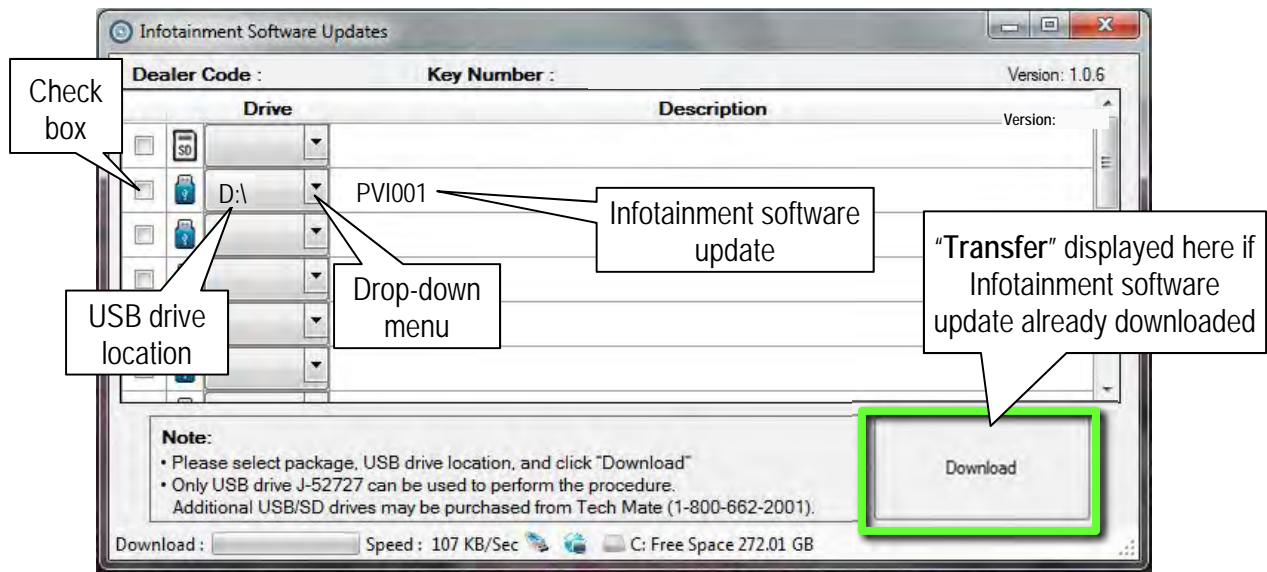


Figure 7

10. Select **Download**, and then wait for the download to complete.

HINT:

- The update is estimated to take **6 hours** to download to the USB drive.
- If while attempting to download the software to the ASIST Station, you receive the message shown in Figure 8:
 - a. First attempt to clear space on the ASIST station hard drive (40 GB required).
 - b. If space cannot be cleared and a second CONSULT PC\Unit is available with space, use it and start over from step 5.
 - c. If a second CONSULT PC\Unit is not available, and space on the hard drive cannot be cleared, email Bosch at nissan.dealers@us.bosch.com for additional options.



Figure 8

11. Select **OK**.

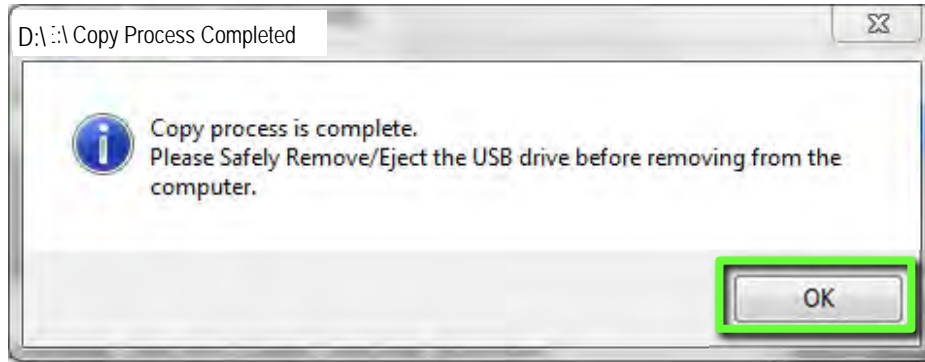


Figure 9

12. Once the transfer is complete, safely remove the USB drive from the ASIST station.

- a. From the PC toolbar, select the **Safely Remove Hardware** icon.
 - The icon is on the toolbar, or can be found after selecting the arrow.
- b. Select the USB drive to be removed, and then remove the USB drive from the ASIST Station.

NOTICE Follow the steps to safely remove the USB drive. If not followed, the USB drive may corrupt the infotainment update software.

- If you are not familiar with the process of safe USB drive removal, ask for assistance at your retailer.

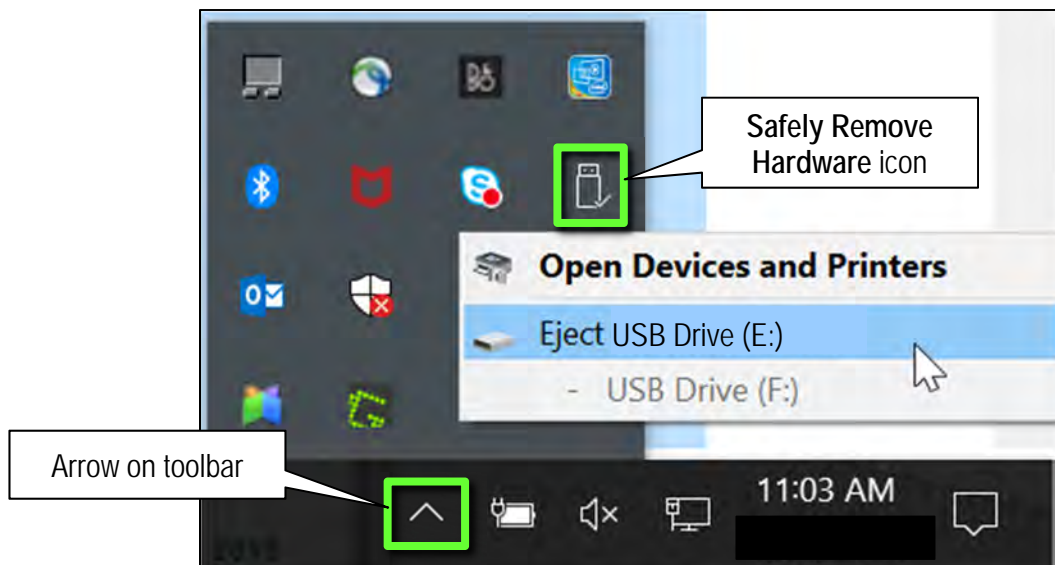


Figure 10

13. Close all ASIST **Infotainment Software Update** screens.

14. Set the parking brake.

15. Start the engine, and then wait 60 seconds for the system to load.

HINT: The engine needs to idle for the duration of the update to retain battery charge.

16. Insert the USB drive with infotainment update software into the vehicle's USB media port (see Figure 11).
- Do not remove the USB drive during the update to the vehicle until instructed to.

HINT: Charging ports are marked in the vehicle with a "lightning bolt" symbol.

NOTICE Do not insert the USB drive into a charging port. If used, the software update and/or USB drive may become damaged. Only insert the USB drive in a USB media port.

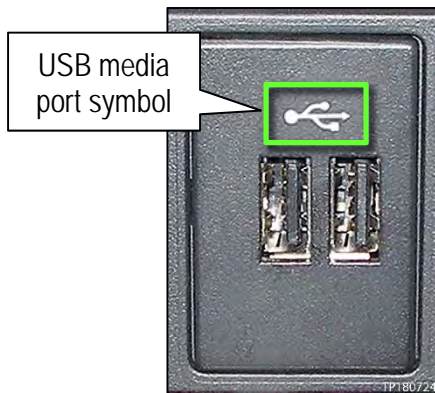


Figure 11

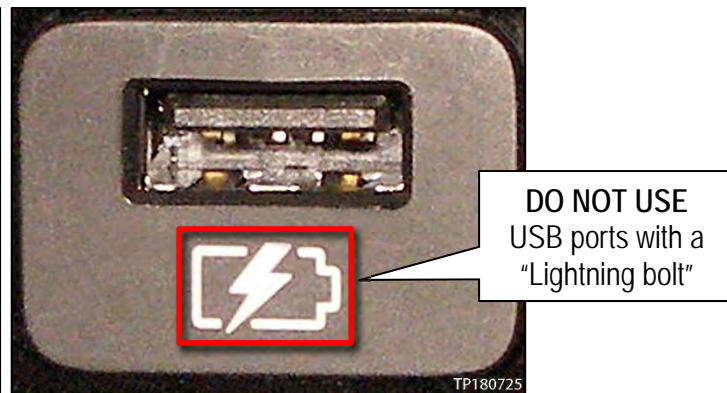


Figure 12

17. Wait approximately 10-30 seconds for the screen in Figure 13 to appear.



Figure 13

- The screen in Figure 14 may briefly appear. Do not remove the USB drive. The audio system will detect the USB drive and continue the update.

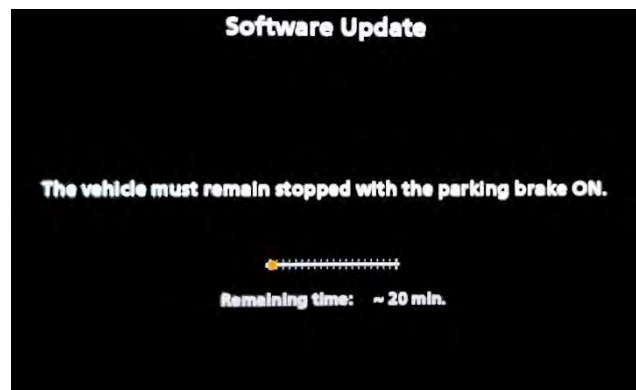


Figure 14

18. Wait for the update to complete.

- Follow the on-screen instructions while waiting.

HINT: The update lasts 15-25 minutes.

321

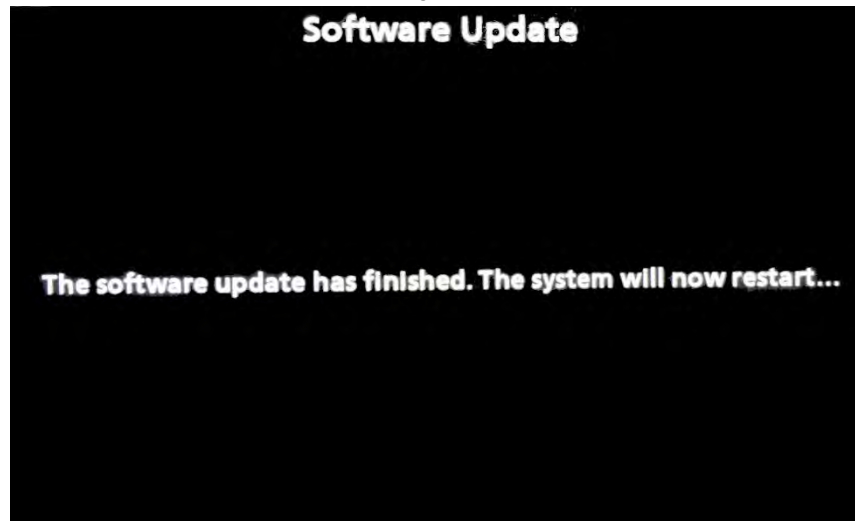


Figure 15

19. Once the update is complete (Figure 15), remove the USB drive; the system will reboot (restart).

HINT: The system will not reboot until the USB drive is removed.



Figure 16

NOTICE Steps 20-27 must be completed. If they are not completed, the update may become corrupt.

20. Allow the reboot to complete (approximately 30 seconds).

- The Infiniti logo will be displayed during the reboot.

21. Turn the ignition OFF.



Figure 17

The steps below will fully reboot the infotainment system twice.

22. Open and close the driver door and ensure that all doors are closed.

23. Wait five (5) minutes.

NOTICE Ensure that all doors remain closed during the 5 minute wait period. If a door is opened during the 5 minute wait period, the update may not complete and the AV control unit may become inoperable.

HINT: The engine does not need to be running for the next steps.

24. Turn the ignition ON (engine OFF) and wait for the Infiniti logo to appear (Figure 17).

- If the Infiniti logo does not appear (this might take up to 30 seconds), start over from step 21.

25. After the Infiniti logo appears, wait about one (1) minute.

- The MENU (Home) screen in Figure 18 will be displayed.

26. Turn OFF the ignition.



Figure 18

27. Repeat steps 22-26 one more time (a total of 2 times to complete the update).

CLAIMS INFORMATION

Submit a Primary Operation (PO) type line claim using the following claims coding:

DESCRIPTION	OP CODE	SYM	DIA	FRT
Perform Software Check	RX9KAA	ZE	32	0.2

OR

Submit a Primary Operation (PO) type line claim using the following claims coding:

DESCRIPTION	OP CODE	SYM	DIA	FRT
Perform Software Check and Update	RX9JAA	ZE	32	0.3

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
August 31, 2020	ITB20-021	Original bulletin published

