TECHNICAL SERVICE BULLETIN

Classification:	Reference:	Date:
AN23-010	NTB23-017	March 1, 2023

MISSING SXM RADIO CHANNELS

APPLIED VEHICLES: 2023 Altima (L34)
APPLIED SYSTEMS: Infotainment System <u>with</u> Navigation

IF YOU CONFIRM

The customer has an active SXM subscription and is missing the radio channels below:

- Channel 4
- Channel 6
- Channels 10-17
- Channel 43
- Channel 47

- Channel 57
- Channel 100
- Channel 101
- Channels 99-112
- All 7000 channels

HINT: The SXM radio may also be missing several music genres.

ACTION

Perform the **SERVICE PROCEDURE** to update the AV Control Unit.

IMPORTANT: The purpose of **ACTION** (above) 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.

REQUIRED SPECIAL TOOL

- One of special tool USB drive J-52727-1 (new tool number NI-52727-1) has been previously shipped to each dealer (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: www.techmatetools.com or 1-833-397-3493.

   HINT:
   o The update-software only needs to be downloaded once and can then be used continuously on multiple **APPLIED VEHICLES**.

   o The update-software <u>must be</u> the only file on the USB drive.

Figure 1

SERVICE PROCEDURE

Download Update-Software from ASIST

IMPORTANT: Before starting, make sure:

- The CONSULT PC is connected to the internet.

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

1. Insert the special tool USB drive into the CONSULT PC.

     HINT:

   - The special tool USB drive is the only USB drive approved for use with this procedure.

   - The update-software is estimated to take 10-15 minutes to download to the USB drive.

   - The update-software <u>must be</u> the only file on the USB drive.

   - The update-software only needs to be downloaded once and can then be used continuously on multiple **APPLIED VEHICLES**.

2. Open ASIST.

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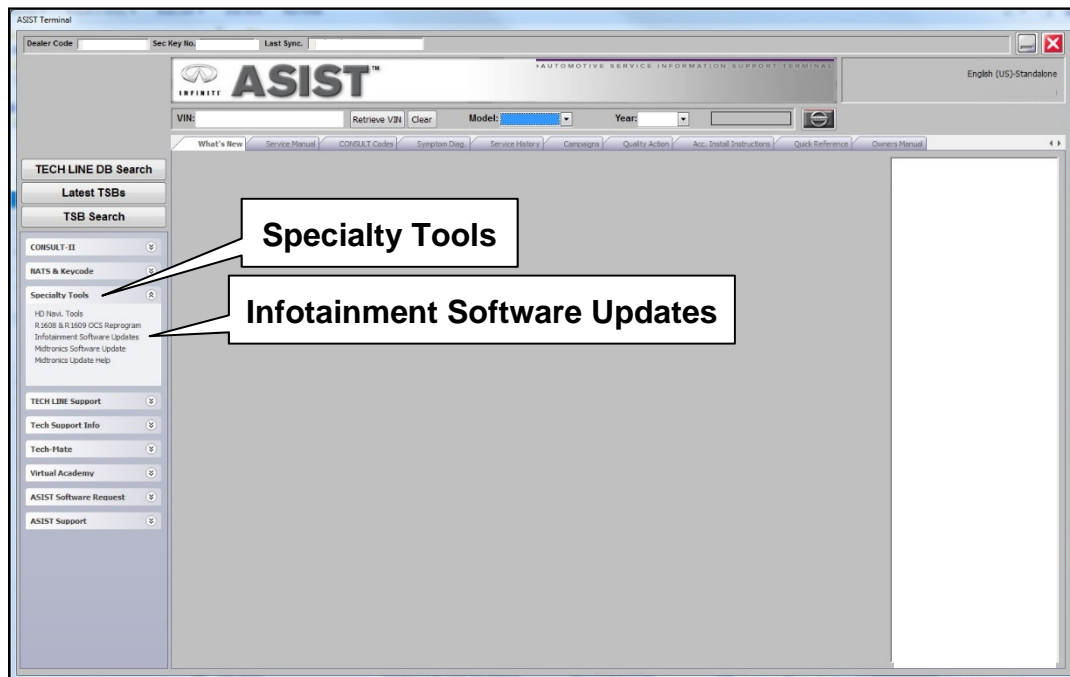

Figure 2

4. Select the check box next to the infotainment update-software AIVI31_5256 (Figure 3).

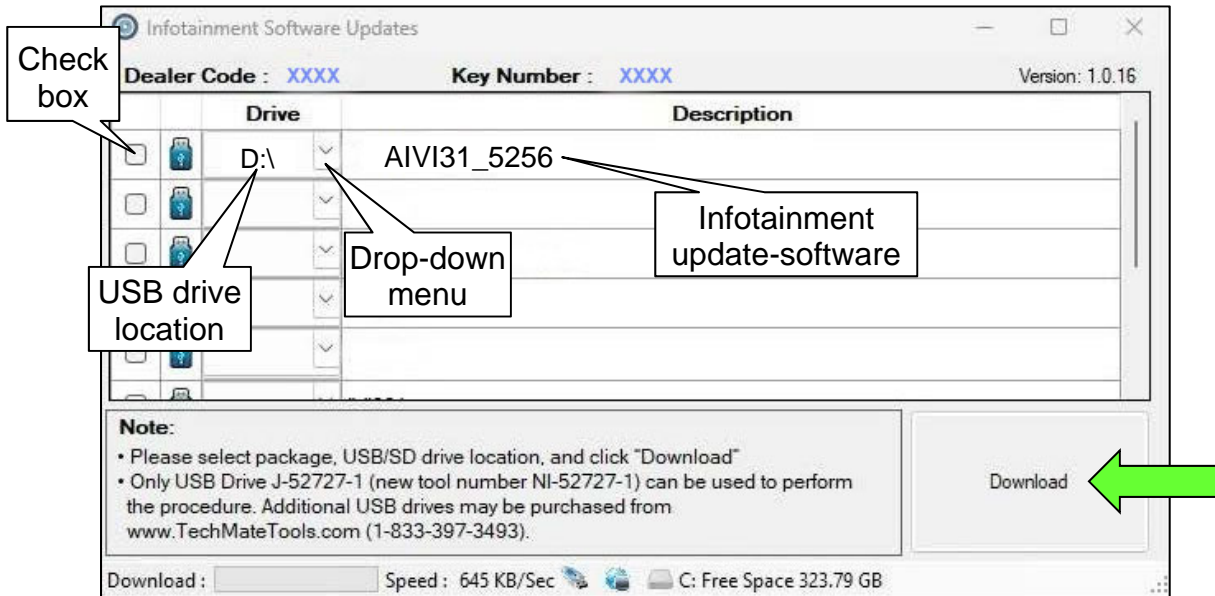5. Use the drop-down menu and select the location of the USB drive that was inserted in step 1 on page 3.

Figure 3

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

    HINT: The update-software is estimated to take 10-15 minutes to download to the USB drive.

7. Select **OK** when the message in Figure 4 is displayed.

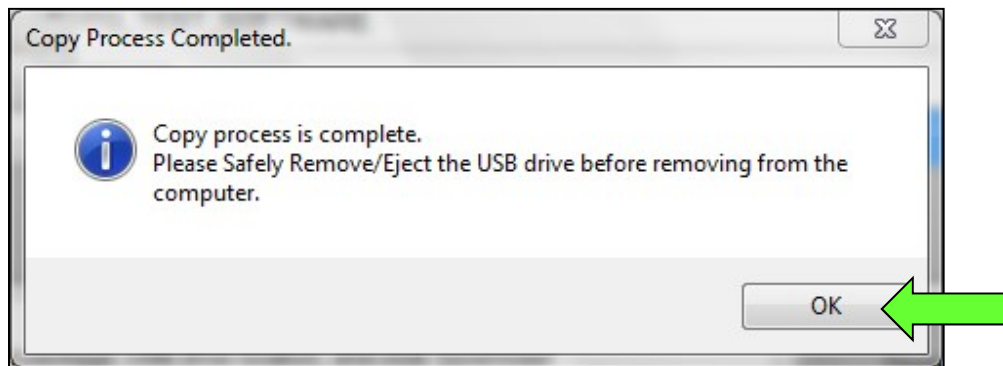Figure 4

8. Once the transfer is complete, safely remove the USB drive from the CONSULT PC.

    a. From the PC toolbar, select the **Safely Remove Hardware** icon.

        o 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 CONSULT PC.

       NOTICE

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

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

Figure 5

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

Update the AV Control Unit

10. Set the parking brake.

11. 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.

12. Insert the USB drive with the infotainment update-software into the vehicle's <u>USB media port</u> (Figure 6).

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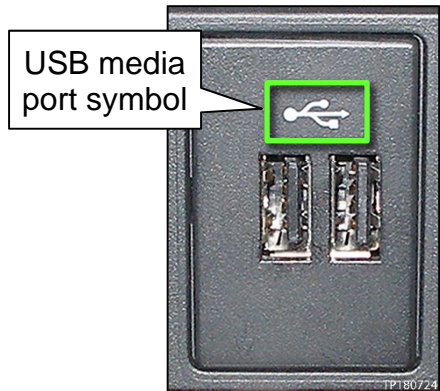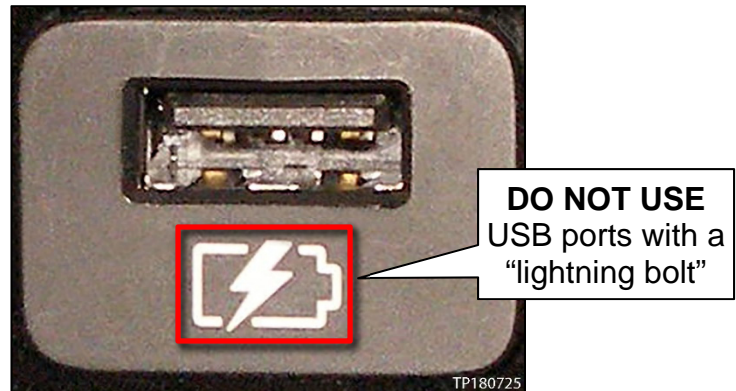

USB media port symbol

Figure 6

DO NOT USE USB ports with a "lightning bolt"

Figure 7

13. Wait approximately 10-30 seconds for the screen in Figure 8 to appear.
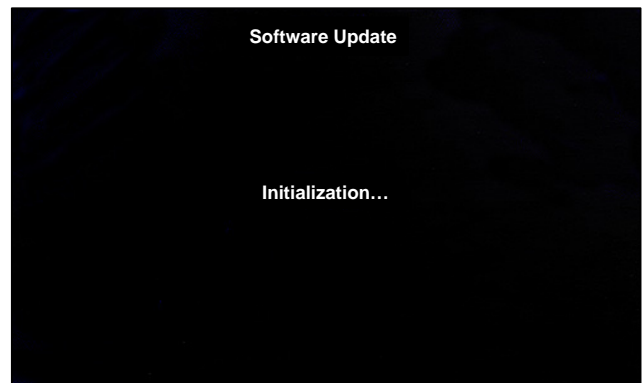

Software Update

Initialization…

Figure 8

- The screen in Figure 9 may briefly appear. **Do not remove the USB drive**. The audio system will detect the USB and continue the update.

Software Update

NISSAN

Please enter a valid USB stick to proceed with the Update. AVM, RVC and eCall are not available.

Your head unit ID: xxxxxxxxxx

Figure 9

14. Wait for the update to complete.

    • Follow the on-screen instructions while waiting.

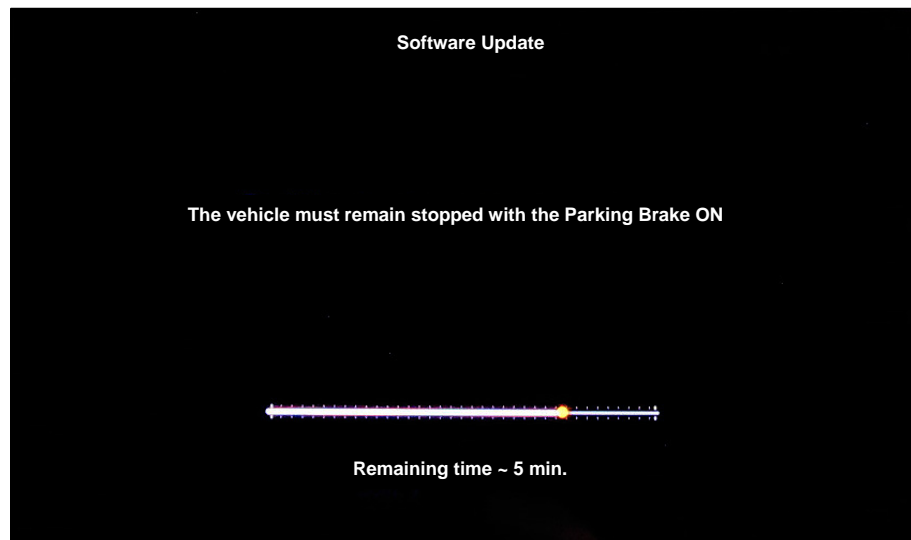   **HINT:** The update may take 15-25 minutes.

Figure 10

15. Once the update is complete (Figure 11), remove the USB drive; the system will reboot (restart).

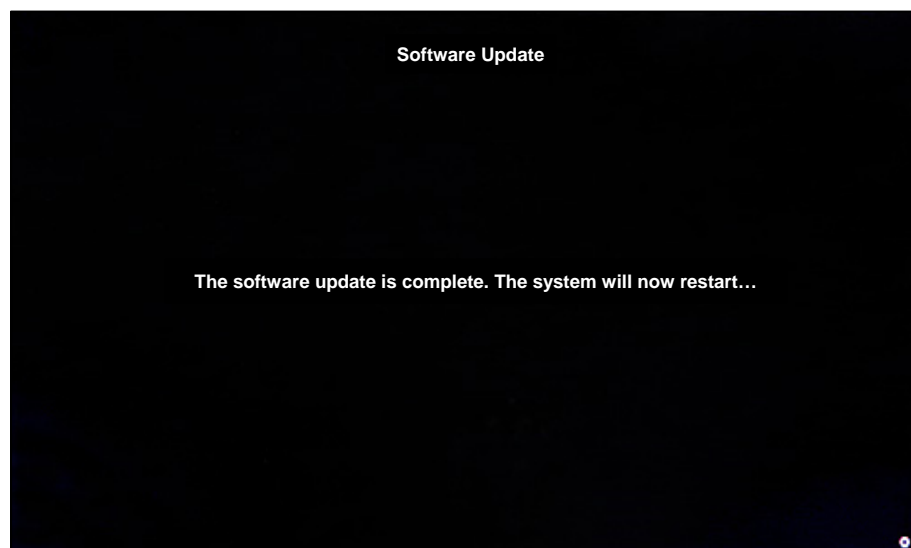   **HINT:** The system will not reboot until the USB drive is removed.

Figure 11

NOTICE

Steps 16-23 must be completed. If they are not completed, the update may become corrupted.

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

    • The Nissan logo will be displayed during the reboot.

17. Turn the ignition OFF.

Figure 12

The steps below will fully reboot the infotainment system twice.

18. Open and close the driver door, and then ensure that all doors are closed.

19. Wait 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.

20. Turn the ignition ON (engine OFF) and wait for the Nissan logo to appear (Figure 12).

    • If the Nissan logo does not appear (this might take up to 30 seconds), start over from step 17.

21. After the Nissan logo appears, wait about 1 minute.

    • The MENU (Home) screen in Figure 13 will be displayed.

22. Turn the ignition OFF.

Figure 13

23. Repeat steps 18-22 one more time (for 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 and Update	RX8MAA	ZE	32	0.3

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
March 1, 2023	NTB23-017	Original bulletin published