

Technical Service Bulletin (TSB)
R1H Radio U40.20 USB Software Update

REFERENCE:	TSB: 08-237-25 REV. A GROUP: 08 - Electrical	Date:	September 25, 2025	REVISION:	08-237-25
VEHICLES AFFECTED:	2021 - 2023 (WL) Jeep Grand Cherokee / Grand Cherokee L This bulletin applies to vehicles built equipped with one of the following radios: <ul style="list-style-type: none"> • Uconnect 5 Nav w 8.4" Display (JPN) (Sales Code UTL). ** (Japan Only)**. • Uconnect 5 Nav w 10.1" Display (JPN) (Sales Code UTN). ** (Japan Only)**. 		MARKET APPLICABILITY: <input type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> SA <input checked="" type="checkbox"/> IAP <input type="checkbox"/> EE <input type="checkbox"/> CH NOTE: This bulletin applies to India & Asia Pacific market		
CUSTOMER SYMPTOM:	Customers may experience one or more of the following: <ul style="list-style-type: none"> • **Temperature displayed in the radio display and rear HVAC are mismatched.** • Wi-fi Software update pop-up is being triggered in non connected vehicles. • Radio freezes and then restarts. • Head Unit (HU) freezes and then restarts. • HU is taking more than one minute to start after starting the engine. • System displays blank screen in E-Hybrid tab when user switched to dark theme mode. Rearview Camera (RVC) functions normally. 				
CAUSE:	Radio software				

This bulletin supersedes Technical Service Bulletin (TSB) 08-237-25, date of issue August 05, 2025, which should be removed from your files. All revisions are highlighted with **asterisks**** and include new Vehicles Affected info, a new Customer Symptom, Software level, LOPs and new Repair Procedure steps and modified Repair Procedure information. Other changes not asterisked include the TSB title name change.**

REPAIR SUMMARY:

This bulletin involves inspecting and if required, updating the radio software level to ****U40.20****. Depending on the radio's current software level the radio may need a one or two step USB update.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-60-02-AI	Radio, Software - Create USB Jump Drive from Uconnect Website (One Time Only) U29.42 (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-60-02-B2	Radio, Software - Create USB Jump Drive from Uconnect Website (One Time Only) U40.20** (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-60-02-B3	Radio - Inspect Software Level and Perform Software Update (One Step Update) (0 - Introduction)	6 - Electrical and Body Systems	0.3 Hrs.
18-60-02-B4	Radio - Inspect Software Level and Perform Software Update (Two Step Update) (0 - Introduction)	6 - Electrical and Body Systems	0.3 Hrs.**
Failure Code	CC	Customer Concern	

The dealer must use failure code CC with this Technical Service Bulletin.

- If the customer's concern matches the SYMPTOM identified in the Technical Service Bulletin, failure code CC is to be used.
- When utilizing this failure code, the 3C's (customer's concern, cause and correction) must be provided for processing Technical Service Bulletin flash/reprogramming conditions.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/ Service Library, verify all related systems are functioning as designed. If Diagnostic Trouble Codes (DTCs) or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes any of the symptoms listed above in the customer symptom section, perform the Repair Procedure.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	–	–

REPAIR PROCEDURE:

NOTE: Check and update display module software if needed before performing radio update.

NOTE: A **32GB and/or 8GB USB flash drive is required for this update. It is also recommended to use a quality, name brand (Kingston®) flash drive over a generic USB flash drive.**

1. Check if the radio software has been updated. Go to “Vehicle Settings” then select "System Information" and look for “Radio Version”.
2. What is the current radio software level (Application Version)?
 - ****U40.20**** or higher >>> The radio software is already up to date. Normal diagnostics should be performed.
 - At or above U29.42 and under U40.20 >>> The radio will only need one USB update. Proceed to [Step 3](#).
 - Under U29.42 >>> The radio will need two USB updates. First update to U29.42 and then to U40.20 SW. Proceed to [Step 3](#).

NOTE:

- **For the U29.42 update use a 32 GB flash drive.**
- **For the ****U40.20**** update use a 8 GB flash drive.**

3. Has a ****32GB** or **8GB**** USB flash drive been created?
 - YES>>> Proceed to [Step 12](#).
 - NO>>> Proceed to [Step 4](#).
4. Go to DealerCONNECT>Service>Uconnect Command Center>Uconnect>More Information >Dealer software downloads to download the files.
5. If a security message appears “Do you want to view only the web page content that was delivered securely?” [Fig. 1](#). Press “No” to continue.

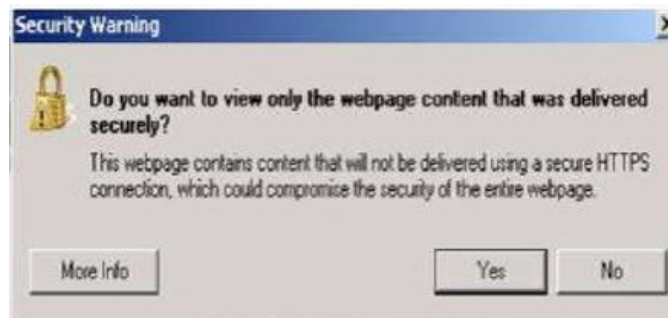


Fig. 1
Pop-Up Security Message

NOTE: If the software cannot be downloaded, make sure you have proper security access. If not, have the Service Manager or Shop Foreman download the software update.

6. Use a blank USB flash drive with at least ****32GB** or **8GB**** of space. Follow the on-screen instructions to download the software files.

NOTE: When downloading the software file, always select the MAC version, regardless of the computer being used.

7. Download the software update file to your local PC's desktop. Make sure to select the "MAC" radial button for all downloads Fig. 2.

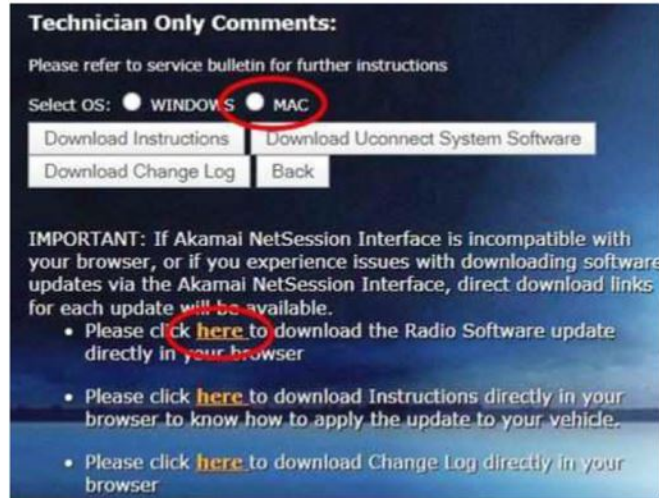


Fig. 2

MAC Radial Button

8. Download the radio software from DealerConnect to a blank USB flash drive. The USB flash drive should be at least ****32GB**** and formatted to **NTFS** and/or a ****8GB**** and formatted to **NTFS****.

NOTE: ● The **U29.42** flash drive should be formatted to **NTFS**.

● The ****U40.20**** flash drive should be formatted to **NTFS**.

9. There should only be one file on the USB root directory labeled as a *****fca-my24-prod-signed-usb_update-U29.42.MASTER.JP-fullupdate.zip***** folder for the U29.42 update.
- For the ****U40.20**** Update, download *****fca-my24-prod-signed-usb_update-**U40.20**.MASTER.JP-SYSTEM_ONLY.zip***** Fig. 3.

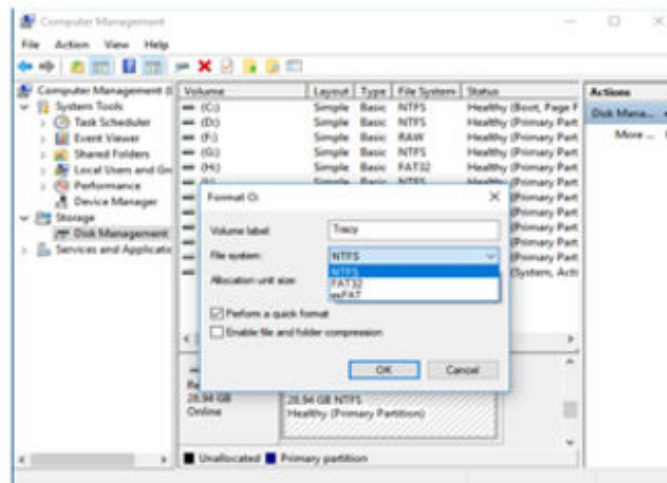


Fig. 3

Zip Folder

10. Do not unzip the folder/file and move all contents to the root directory of the USB.
11. Once the USB flash drive have been created, it is recommended to label the USB flash drive with the bulletin number and proper radio Sales Codes.
12. Turn the engine on and insert the correct USB flash drive with new software into the USB port.

CAUTION!

Make sure no other device is plugged into any of the USB ports while performing this software update. If other devices are connected to USB ports during this procedure, it may cause a failure of files to be loaded which can cause the radio to need replacement.

13. Once the system has verified there is an available update, press the “**Update Now**” button. Make sure the vehicle is in park. Do NOT turn the ignition off until the two minute timer has expired. The ignition doesn't have to be turned off to update the radio's software [Fig. 4](#).

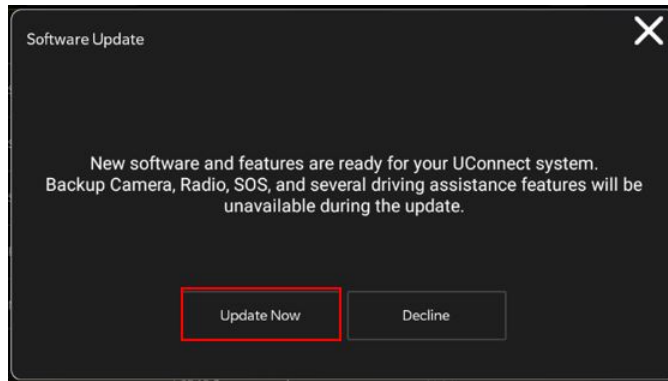


Fig. 4
Software Update

14. Press the “**Continue**” on the display screen [Fig. 5](#).

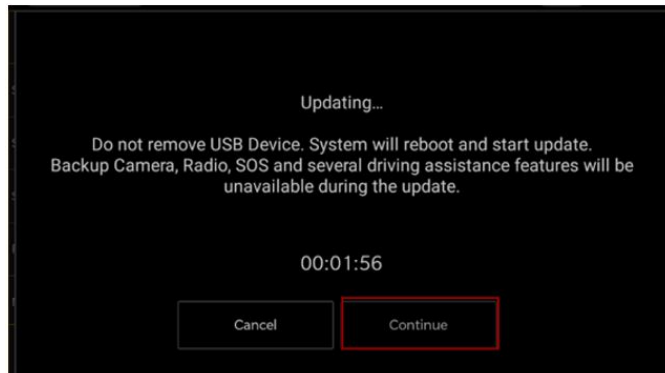


Fig. 5
Software Updating

15. The radio will reboot and the software update will begin. The software update should only take 30 minutes [Fig. 6](#).

NOTE: DO NOT turn off the vehicle when the software update is completed and told to remove the USB flash drive.



Fig. 6
Update Successful

16. **DO NOT** turn off the ignition at this point. The software update is still in process. Wait until the radio restarts and the home screen is displayed. This should take around five minutes.

17. If the radio displays an error pop up “ SWITCH-INVALID_BINARY“ after successful radio update, ignore this error message and press “**OK**” to continue [Fig. 7](#).

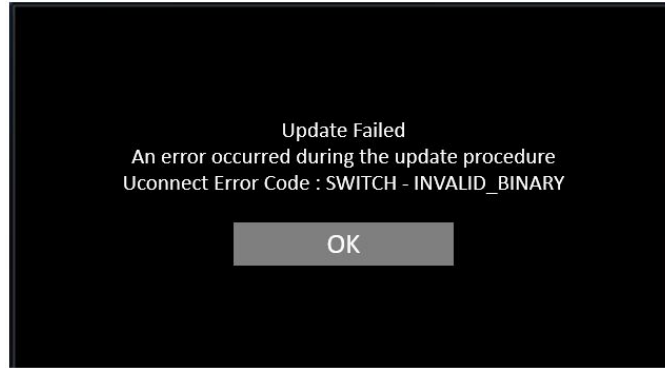


Fig. 7
Update Failed

18. Press “**OK**” to continue [Fig. 8](#).

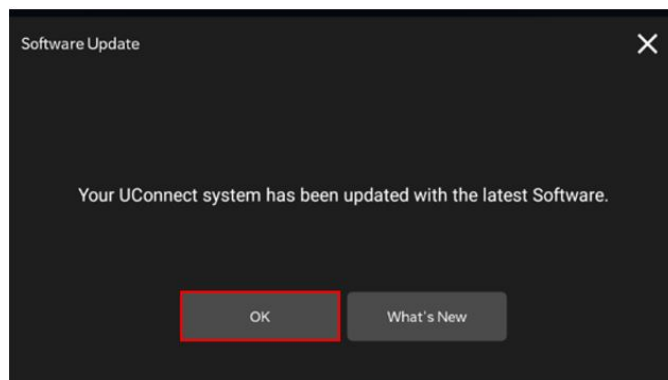


Fig. 8
Completed Update

19. Check if the radio software level has been updated. Go to “**Vehicle Settings**” then select “**System Information**” and look for “**Radio Version**”.

20. What is the current radio software level?

- U29.42 >>> Radio will still need one more USB flash drive ****for U40.20 SW update.**** Perform the update one more time. Proceed to [Step 3](#).
- ****U40.20**** >>> Radio update is complete. Proceed to [Step 21](#).

21. Select and run “**Perform Factory Reset**”. This can be found in the radio menu under Vehicle Settings > Reset > Perform Factory Reset.

22. Once the factory reset is completed, turn off the ignition, open and close the driver's door and then let all modules go to sleep. Make sure the scan tool is **NOT** connected to the vehicle.

23. After all the modules have been in sleep mode for five minutes, turn the ignition back on.

24. Before clearing all DTCs, cycle the ignition OFF and back to RUN quickly (within two seconds).

25. Using the wiTECH, clear all DTCs that may have been set in any module due to reprogramming.

26. ****Ensure the TBM module is updated with the latest available Software - R3G7.****

NOTE: Suggest to customer to repeat the wireless device pairing again after deleting the existing pairing from the phone.

POLICY:

Reimbursable within the provisions of the warranty.

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