REFERENCE:	TSB: 08-024-23 GROUP 08 - Electrical	Date:	January 26, 2023	REVISION:	—

VEHICLES AFFECTED:	**2022 - 2023 (M1) Jeep Compass** **2021 - 2023 (B1) Jeep Renegade** **2022 - 2023 (H1) Jeep Commander** **This bulletin applies to M1 vehicles built on or after June 09, 2021 (MDH 0609XX) and on or before October 15, 2022 (MDH 1015XX) equipped with one of the following radios:** **This bulletin applies to B1 vehicles built on or after January 04, 2021 (MDH 0104XX) and on or before September 24, 2022 (MDH 0924XX) equipped with one of the following radios:** **This bulletin applies to H1 vehicles built on or after October 20, 2021 (MDH 1020XX) and on or before October 14, 2022 (MDH 1014XX) equipped with one of the following radios:** • Uconnect 5 w 7″ Display (Associated non-ICS) (Sales Code UPA). • Uconnect 5 w 7″ Display (Sales Code UPB). • Uconnect 5 w 7″ Display (Associated ICS) (Sales Code UPC). • Uconnect 5 w 8.4″ Display (Associated) (Sales Code UPD). • Uconnect 5 w 8.4″ Display (Associated Flush) (Sales Code UPE). • Uconnect 5 w 10.25″ Display (Disassociated) (Sales Code UPH). • Uconnect 5 w 10.1″ Display (Disassociated) (Sales Code UPU).	**MARKET APPLICABILITY:** ☐ NA ☐ MEA ☒ SA ☐ IPA ☐ EE ☐ CH
CUSTOMER SYMPTOM:	**The customer may describe the following:** • Auto folding mirror inoperative, after ignition cycled.	
CAUSE:	**Radio software**	

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-014, date of issue January 26, 2023. All applicable Sold and UnSold RSU VINs have been loaded. To verify this RSU service action is applicable to the vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. All repairs are reimbursable within the provisions of warranty. This RSU will expire 18 months after the date of issue.

REPAIR SUMMARY:

This bulletin involves inspecting the software level and updating the software to:

• B1 - 47.00.15
• M1 - 45.06.06
• H1 - 47.00.16

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-60-03-9L	Radio, Inspect Software Level (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-60-03-9M	Radio, Inspect Software Level and Perform Software Update (0 - Introduction)	6 - Electrical and Body Systems	0.4 Hrs.
18-60-03-A5	Radio, Software - Create USB Jump Drive from Uconnect Website **(One Time Only)** (B1 Vehicles) (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-60-03-9N	Radio, Software - Create USB Jump Drive from Uconnect Website **(One Time Only)** (M1 Vehicles) (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-60-03-A6	Radio, Software - Create USB Jump Drive from Uconnect Website **(One Time Only)** (H1 Vehicles) (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
Failure code	RF	Required Flash	
Failure code	CC	Customer Concern	

The dealer must choose which failure code to use depending on if this is a Rapid Service Update (RSU) or Technical Service Bulletin.

- The "RF" failure code is required for essential module flash/reprogramming and can only be used after confirmation that the VIN is included on the RSU.
- The failure code "RF" (Required Flash) can no longer be used on Technical Service Bulletin flashes. **The "RF" failure code must be used on an RSU.**
- If the customer's concern matches the SYMPTOM/CONDITION identified in the Technical Service Bulletin, failure code CC is to be used. When utilizing this failure code, the 3C's must be supplied.

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 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 a customer's VIN is listed in VIP or your RSU VIN list, perform the inspection procedure. **This RSU only applies to vehicles on the RSU VIN list.**

1. Verify the software version by following these steps:
   - On the radio display screen go into "Vehicle Settings".
   - Select "System Information".
   - Select "Version Information".
   - Under the "Build Number", radio software version is listed. For example, the software version here is 00.41.00.56.00 (Fig. 1) .
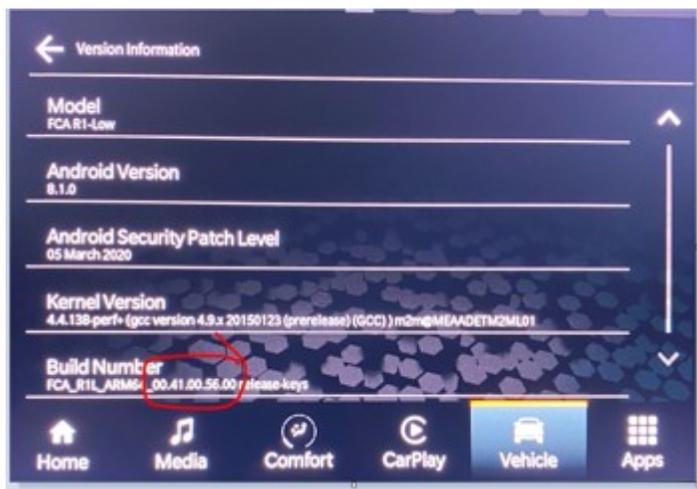
Fig. 1
Software Version

2. Is the radio software version at or higher than what is listed below?
   - B1 - 47.00.15
   - M1 - 45.06.06
   - H1 - 47.00.16
     - YES>>> The radio software is up to date, this bulletin has been completed. Use inspection LOP (18-60-03-9L) to close the active RSU.
     - NO>>> The radio software needs updating. Proceed to Step 1 of the Repair Procedure.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	–	–

REPAIR PROCEDURE:

NOTE: Install a battery charger to ensure battery voltage does not drop below 13.2 volts. Do not allow the charging voltage to climb above 13.5 volts during the flash process.

NOTE: If this flash process is interrupted/aborted, the flash should be restarted.

1. Has a **4 GB** USB flash drive been created?
   - YES >>> Proceed to Step 12.
   - NO >>> Proceed to Step 2.
2. Perform the following steps to format the USB flash drive (Fig. 2) .
   a. Select "FAT32" format.
   b. Select "Default allocation size" under Allocation Unit Size.
   c. Select "Quick Format" under Format Options.
   d. Click "Start".
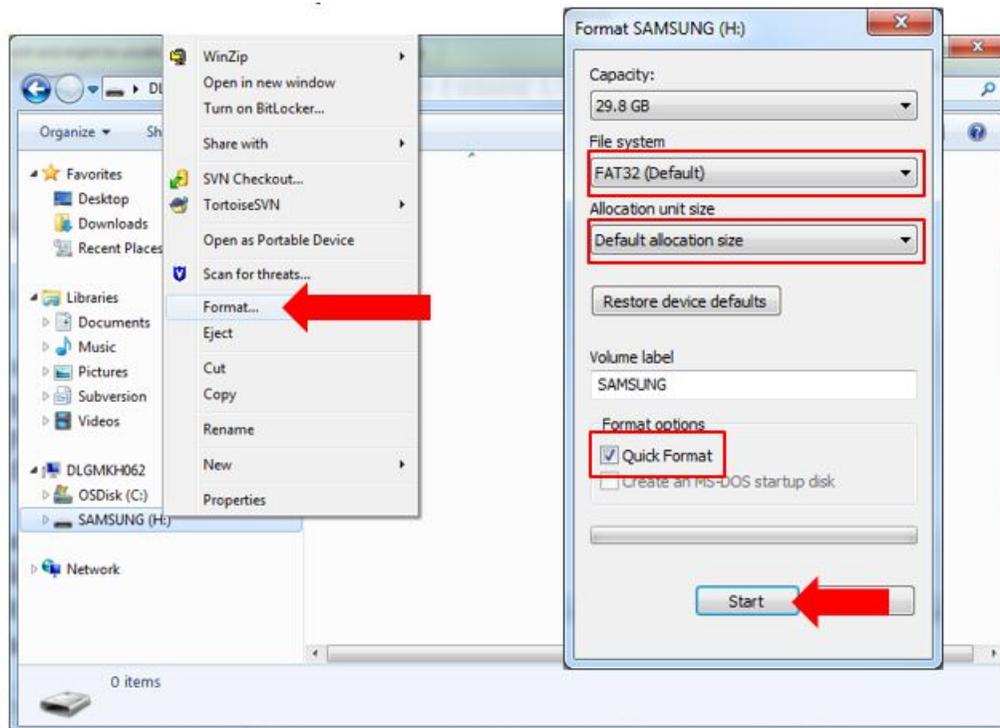
Fig. 2
Formatting The USB Flash Drive

3. Go to DealerCONNECT>Service>Uconnect Command Center>Uconnect>More Information >Dealer software downloads to download the files.

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.

4. Use a blank USB flash drive with at least 4 GB of space. Follow the on-screen instructions to download the software files.

5. Download the software update file to your local PC's desktop. Make sure to select the "MAC" radial button for all downloads (Fig. 3) .

Fig. 3
MAC Download Steps

6. Be sure to download the file to your designated folder before extracting the zip file to the blank USB flash drive (Fig. 4) .

NOTE: A blank USB flash drive will be needed for each radio update; additional updates cannot be on the same USB flash drive.
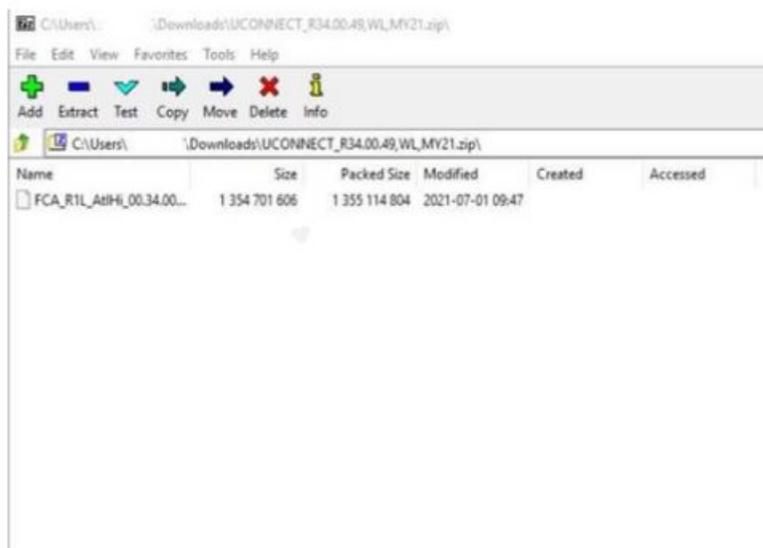
Fig. 4
Zip File

7. Unzip the file to the root folder of USB flash drive. File should not be within a zip folder. Your USB file should look like when you open it. Unzip the file to the root folder of USB flash drive. File should not be within a zip folder. Your USB file should be look like when you open it (Fig. 5) .

    NOTE: It may take a few minutes for an accurate extract time to be displayed.
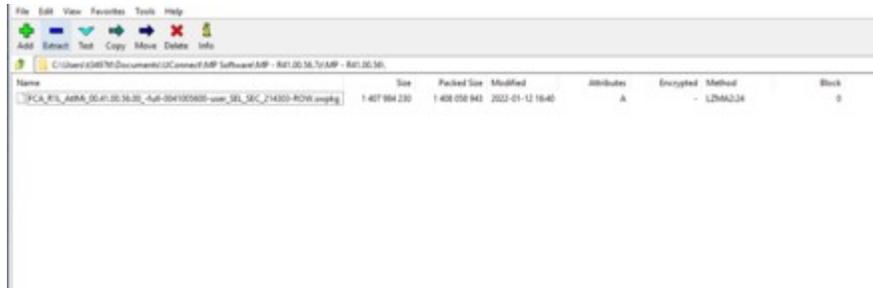
Fig. 5
Extract File To USB

8. Once the file is extracted to the USB flash drive flash drive, it is recommended to label the USB flash drive with the bulletin number and proper radio Sales Code.

CAUTION! Eject the USB flash drive properly from your PC. Failure to eject the USB flash drive properly may result in an improper file byte size and cause the update to not fully download.

9. Perform the following steps to properly eject the USB flash drive (Fig. 6) :

    a. Right click on the location of the USB flash drive.

    b. Click "Eject" to avoid data corruption.

    c. Remove the USB flash drive from the PC.
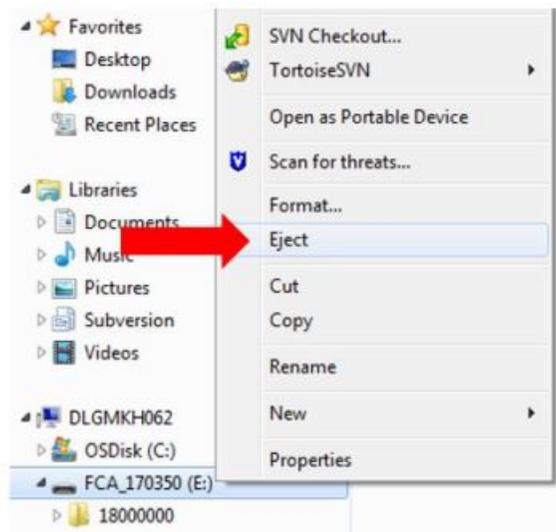
Fig. 6
Ejecting The USB Flash Drive

NOTE: Verify the vehicle fuel level is at least 1/8 of a tank. If not, add fuel as required.

10. Shut off all remaining accessories for the duration of the update (flashers, climate controls, etc.).

11. Wait for the radio to fully power on and initialize. Ensure all splash, partner logo, animation, disclaimer and main screens have loaded, before starting the software update.

NOTE: The engine must be running and radio powered on during the update. Failure to do so may result in the radio not being updated and create connectivity issues. DO NOT remove the USB flash drive during the update.

12. Start the vehicle and insert the USB flash drive into the USB port.

13. Vehicle must be out of "Ship Mode". Starting at the radio 'Home' screen (Fig. 7) .

Fig. 7
Home Screen

CAUTION! Ensure no other device is plugged into any of the USB ports while performing this update. If other devices are connected to the USB ports during the update, it may cause failure of files to be loaded. Failure to do so may cause the radio to need replacement.

14. Insert the USB flash drive into the USB port.

15. The radio will prompt you if you want to update to the newest software version (Fig. 8) .
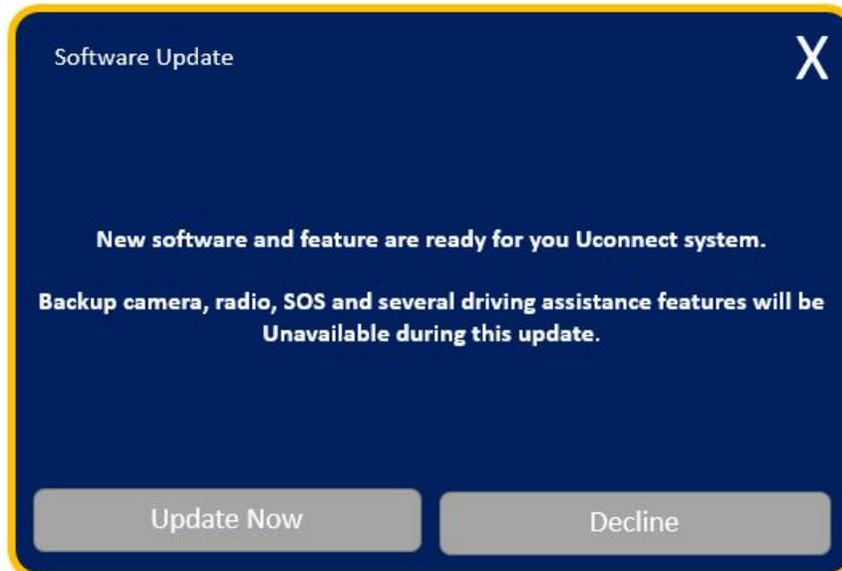
Fig. 8
Software Update Screen

16. Select "Update Now".

17. The radio will prompt you if you want to continue updating to the newer software (Fig. 9) .

Software Update

Updating...

Do not remove the device. System will start update.

Backup camera, radio, SOS and several driving assistance features will be Unavailable during this update.

00:00:59

Cancel   Continue
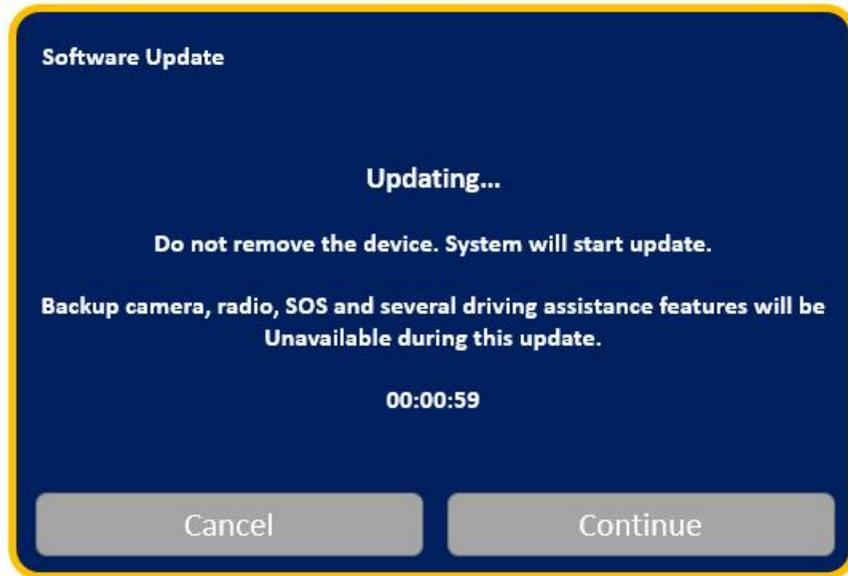
Fig. 9
Software Updating Screen

18. Select "Continue" (Fig. 10) .

Do not remove USB device. The Software Update is installing...

● ● ● ● ●

Fig. 10
Installing Update Screen

19. The update will take approximately 15-20 minutes (Fig. 11) .
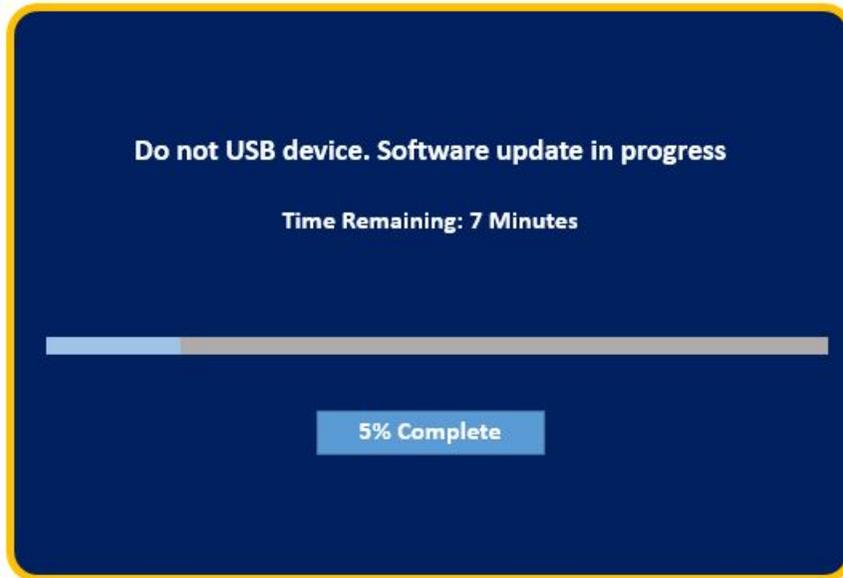
Fig. 11
Update In Progress Screen

20. The radio will reboot and you will observe the update screen after the splash screen once the update has been successful (Fig. 12) .
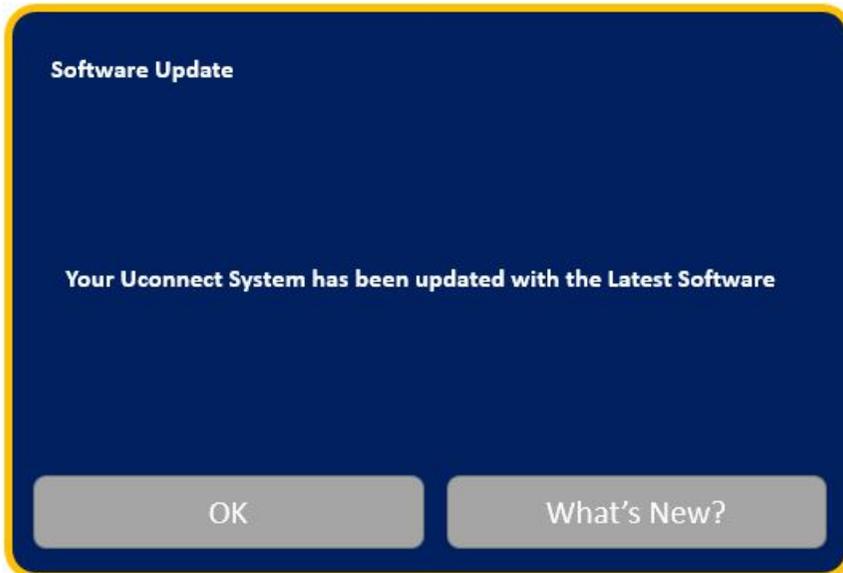
Fig. 12
Software Updated Screen

21. Select "What's new" to confirm the software has been updated to:
   - B1 - 47.00.15
   - M1 - 45.06.06
   - H1 - 47.00.16

(Fig. 13) .

Fig. 13
What's New Screen

22. Remove the USB flash drive from the USB port.
23. Cycle the ignition 'Off' and allow vehicle to go to sleep for two minutes.
24. Clear all DTCs that may have been set.

POLICY:
Reimbursable within the provisions of the warranty.