

AMUTO53 Update Guide

Notes before Continuing

- Your **currently saved settings will be reset to factory default** on your Head Unit. You can take pictures of any settings you have changed, such as EQ sliders, so you can restore those settings after the update is complete.
- **Please disconnect/forget your phone from the head unit and bluetooth before updating to ensure a smooth re-connection process.**
- You will also require a blank USB device with a storage capacity of 32GB or less that is formatted in **FAT32**.
- We recommend updating to the latest version only if you are having issues or will be utilising one of the new features.

You can check if your Aerpro headunit requires an update by navigating to the Version section on your head unit in the settings and comparing the date of the current firmware to that of the firmware on our Aerpro website.



If the date on the Aerpro website is later than the date listed on your head unit, then an update is available.

Note, that there isn't any harm in updating the firmware anyway if you're unsure.

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Toyota LC200 VX/Sahara 2016-2021 (<https://aerpro.com/AMUTO53>)

Navigate to the Aerpro website (<https://aerpro.com>) and search for your head units model number based on the system version your head unit lists.

Need help searching for the right products? Check out our step by step video that guides you through the s

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Search

AMUTO53

Search for a [product](#), a [vehicle](#) that you
are looking to have a product fit, or a
[product category](#).

Find your headun



Enter model


Search for your h
parts you'll need.

Scroll down the bottom and click the zip file to download the firmware update.

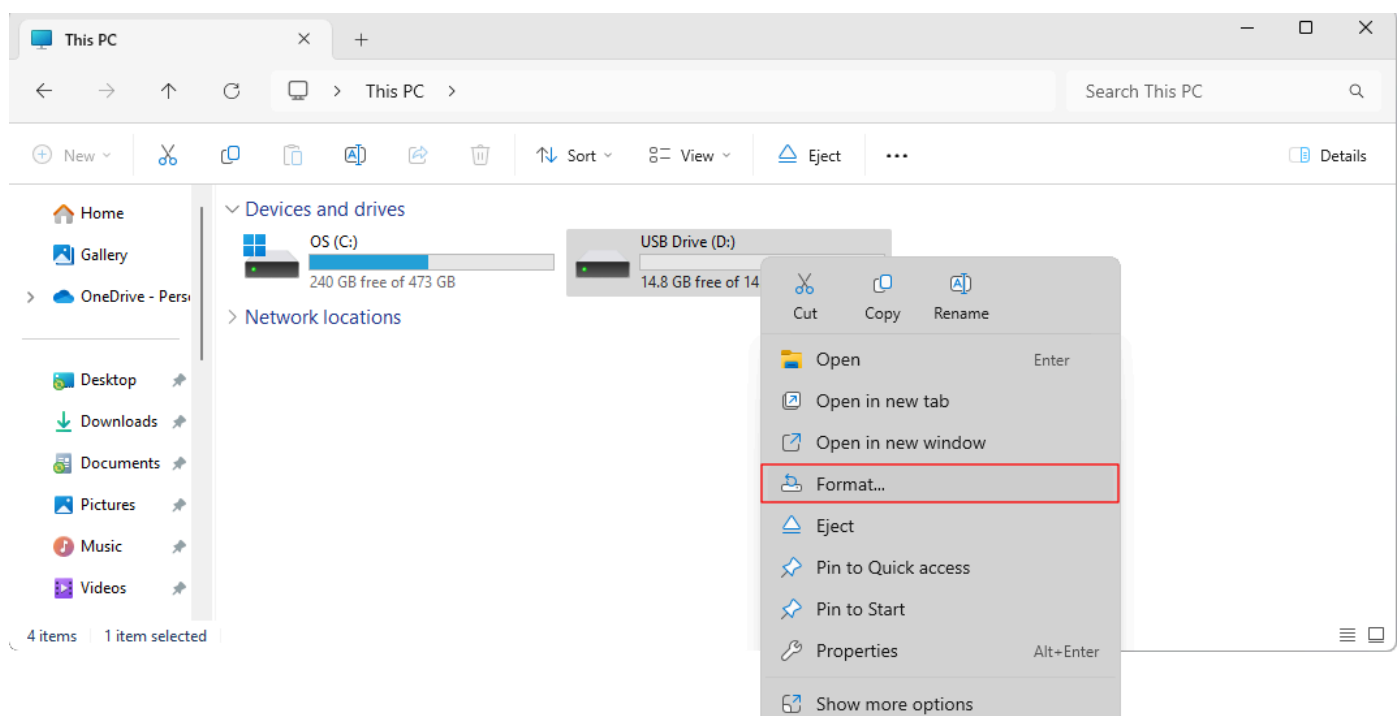
The files will be contained in a zip file. We can use Windows built in zip manager to open the zip file to view the files

Manuals & Firmware ▾

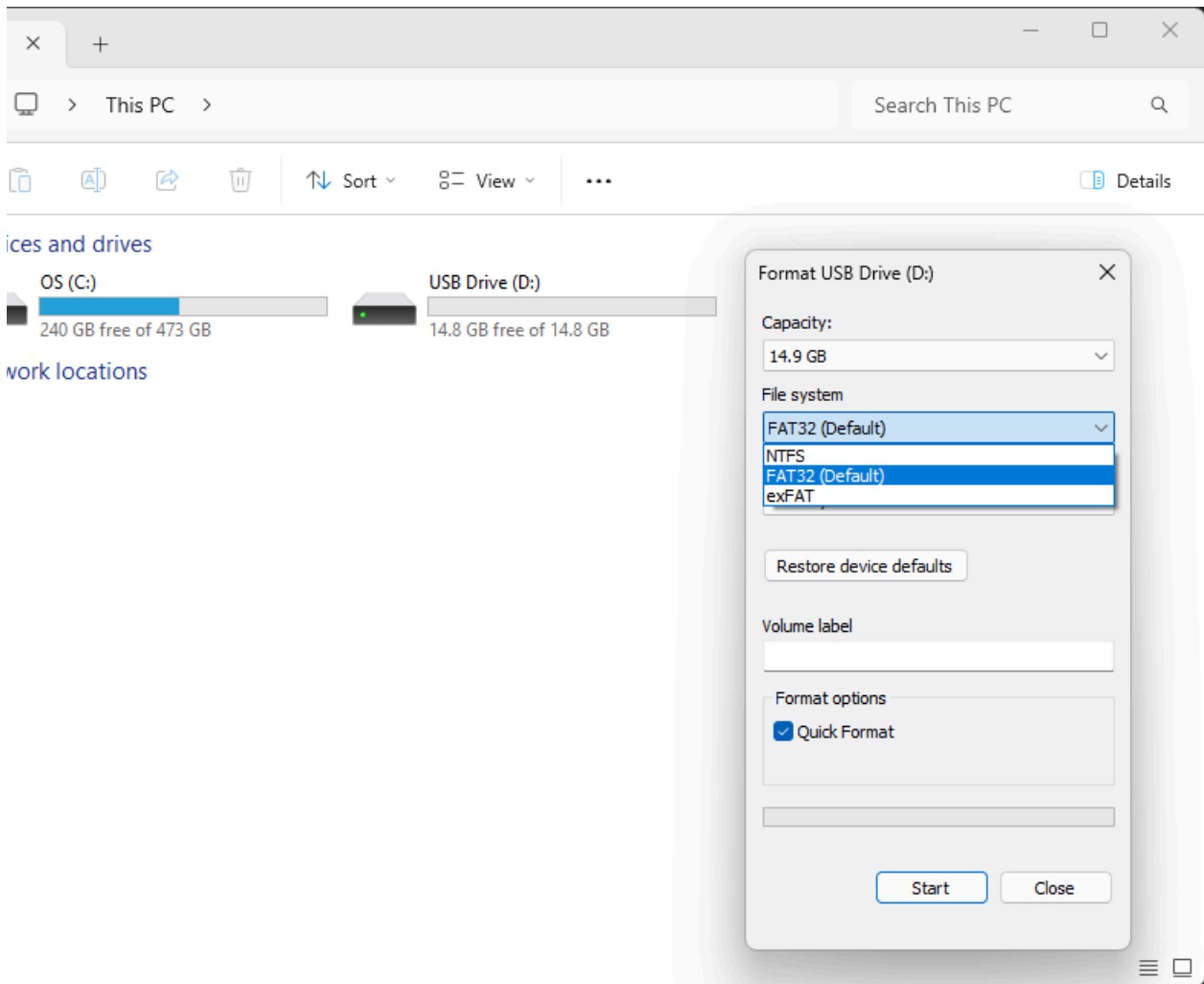
Manuals:  [User Manual](#)
 [Aerpro Head Unit Update Guide](#)

Firmware:  [AMUTO53-Update-DATE](#)

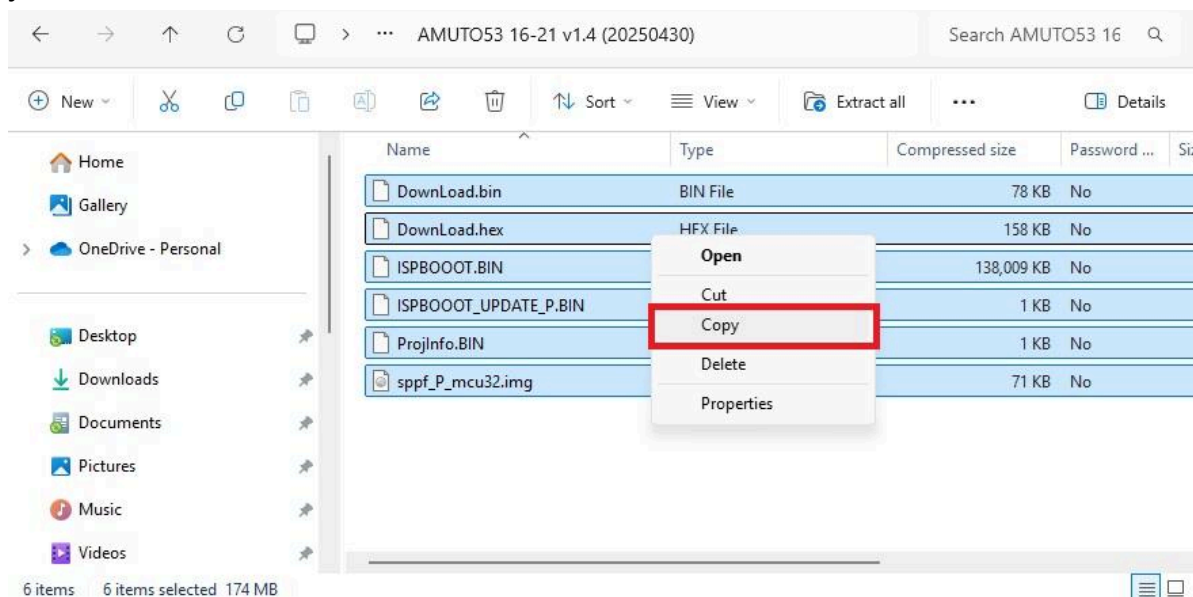
Plug in the USB device, ensuring it is blank, 32GB or less and is formatted in FAT32. You can format the USB device by right clicking the USB device and selecting format. Here you can make sure it is set to FAT32. **PLEASE BE AWARE, ALL YOUR FILES WILL BE DELETED ON THE USB WHEN FORMATTING.**



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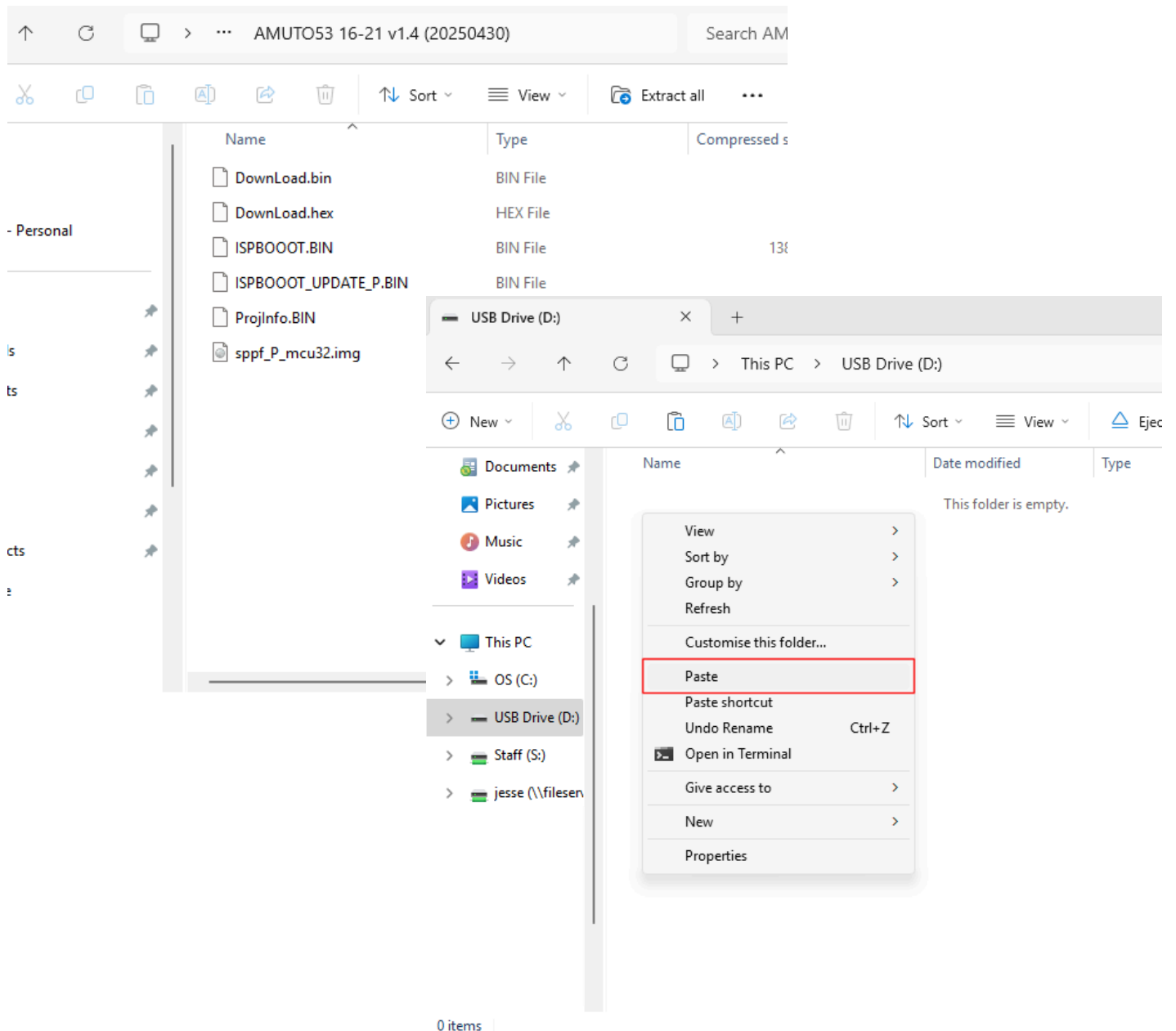


Once formatted, open up the downloaded zip file. Inside will be two folders. One with model number, version and date and the other named as inclinometer update. Open the first folder and copy the six files inside.



Once you have copied, navigate to your inserted USB drive and right click in the empty spot and click paste. There should be 6 files on the USB device. Safely remove the USB device and move back to your vehicle to install the first step firmware.

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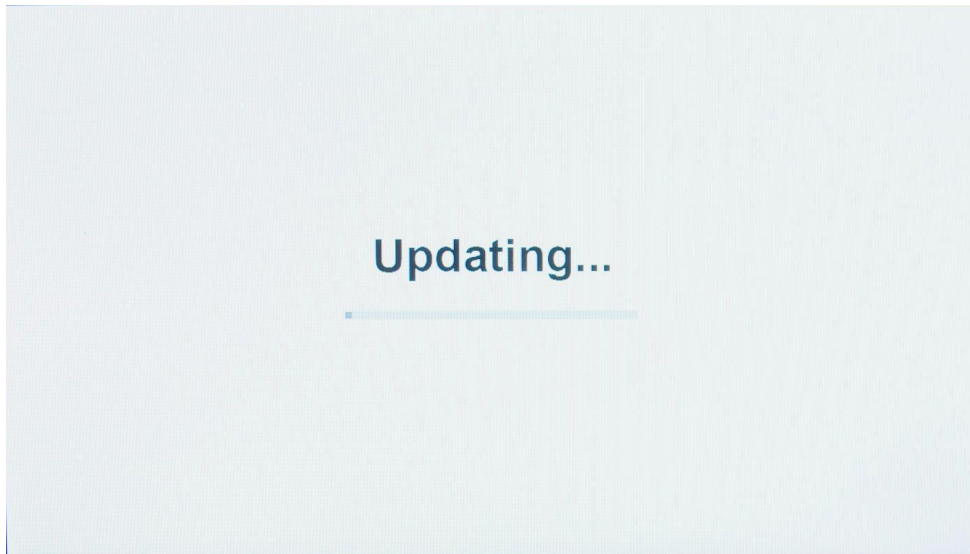
It is **very important** that the following steps are followed exactly.

To install the update, turn on the unit without the update USB connected. Then once fully booted, plug in the update USB into the USB port for the headunit (NOTE: USB port has to be grey USB port used for CarPlay/Android Auto, this would typically be connected to the factory USB)

The unit will then ask if you want to install an update. If a window doesn't appear then navigate to the settings menu, click other, then choose 'Software Update'. It should then come up with a message box asking if you want to update. If it does not, then the update may not be copied to the USB correctly and you should try the procedure again.

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Once you have confirmed the update, the system may reset a couple of times and show a black screen in between. **DO NOT TURN OFF THE VEHICLE DURING THIS PROCEDURE.** Please be patient with the process. An update screen will appear. Continue waiting and you will get a screen that looks similar to below. (If you do not see this screen after waiting 5 minutes, then please start the process again using another USB)

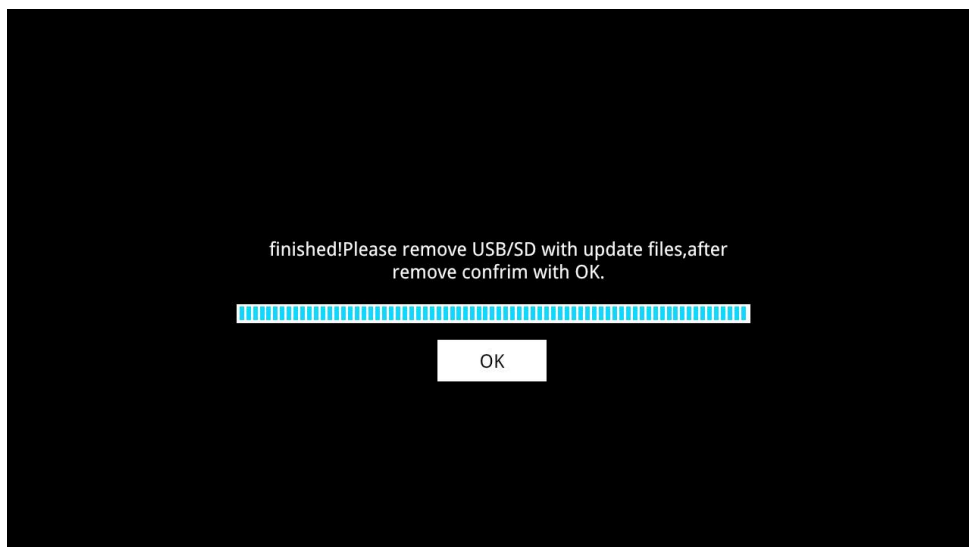


The home screen may appear during the update process, but **continue to wait until a second progress bar appears with a black screen.**

If it does not, then the update may not be copied to the USB correctly and you should try the procedure again.

DO NOT TURN OFF THE VEHICLE DURING THIS PROCEDURE.

Please be patient with the process. Once the update has finished you will be presented with the below screen. **Please Remove the USB drive and press the OK button to restart the headunit.**



It is **recommended that you factory reset the device** after the update is finished to ensure that new defaults are applied.

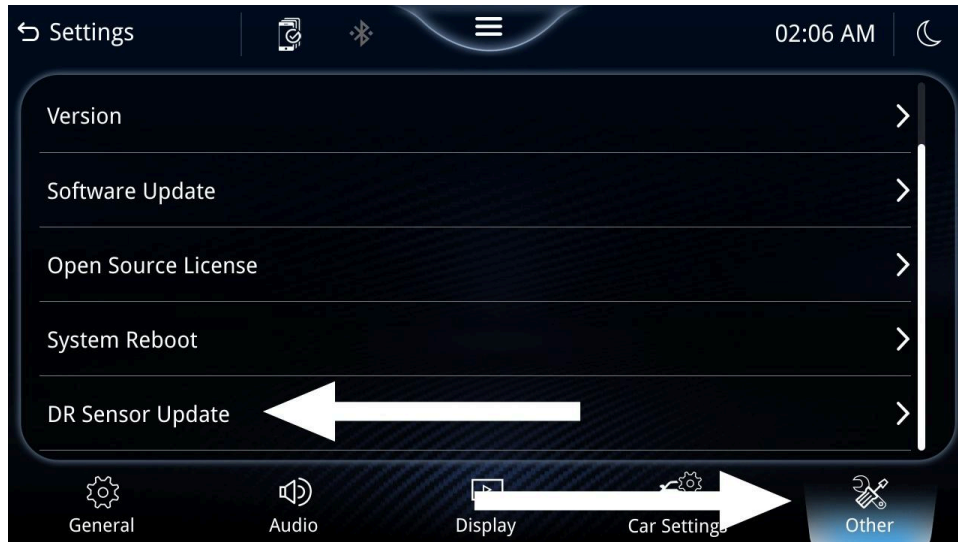
The update is now complete.

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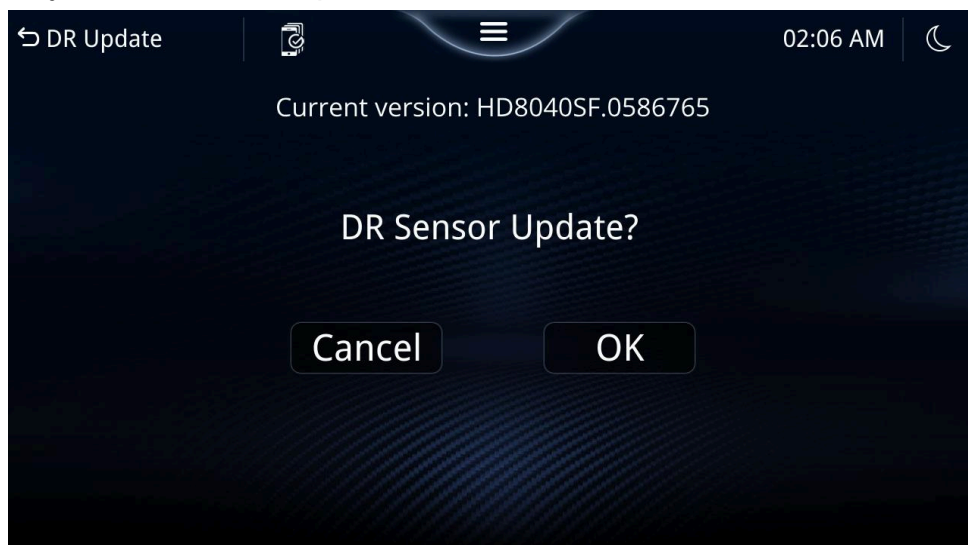
Fixing the inclinometer

You may also need to update the firmware of the inclinometer sensor module. This will only need to be done if you are on a particular version of the Sensor.

You can find out what the version you are on by navigating to the settings, tapping Other and then select DR Sensor Update

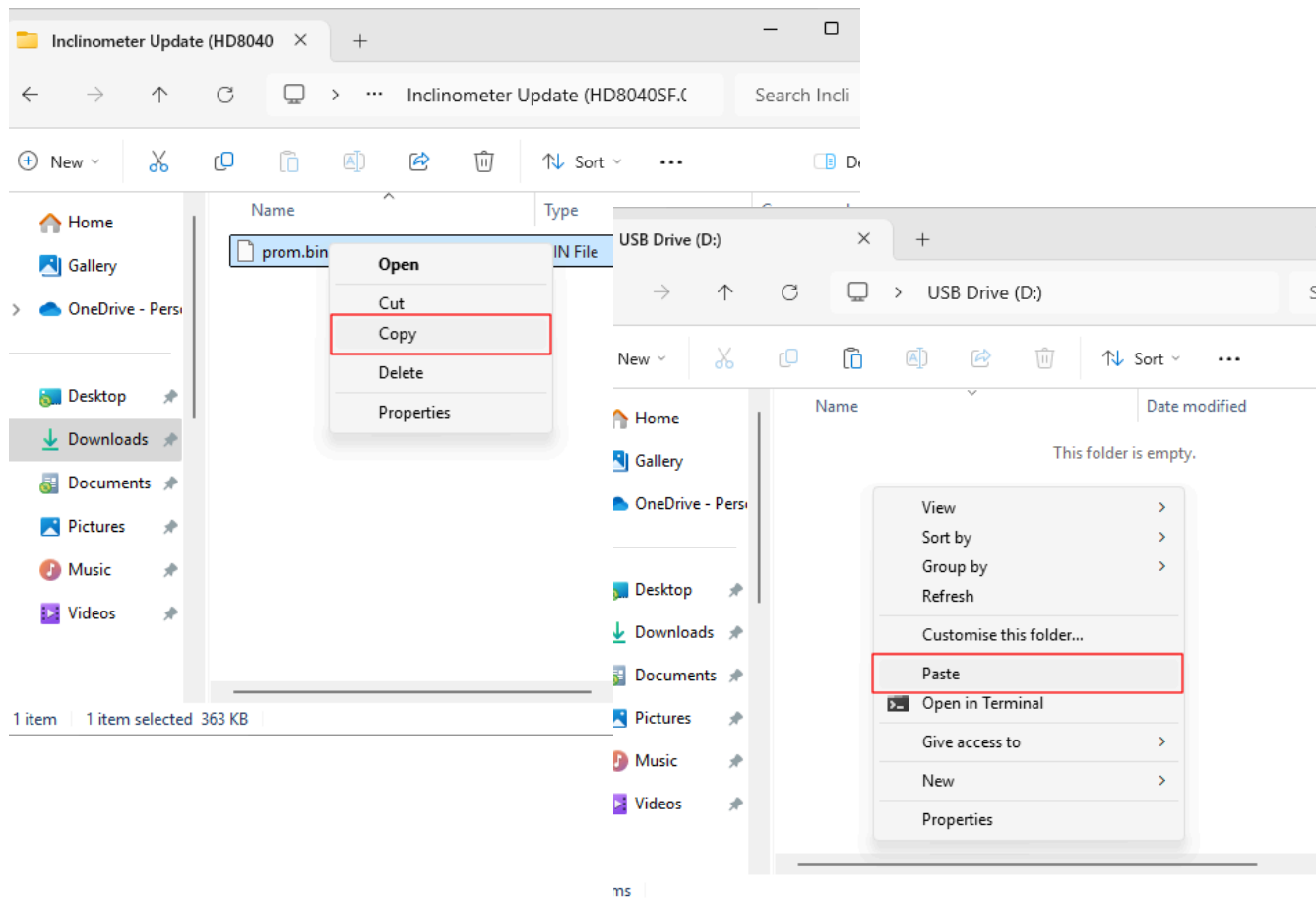


You will then be presented with a screen that will show an update screen and current version number. If the current version number says **HD8040SF.0586765** & you have issues with the inclinometer then you will need to update.



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Using the same process as earlier, format the USB on a computer and navigate to the 'Inclinometer Update (HD8040SF.0615412)' folder in the update zip file. Simply copy the single file called 'prom' over to a blank USB.



Come back to the head unit and plug it in the same USB port used previously. Then if you are still on the 'DR Sensor Update' screen, press OK. You should be presented with an update bar.

If there is no progress or the progress bar doesn't fully complete, turn the vehicle off then on and wait 30 seconds on the home screen for the sensor module to initialise and try this update process again.

Once completed, you can double check to ensure that the version number is changed to HD8040SF.0615412. If so, then the update is successful. Please bear in mind that the inclinometer may require re-calibrating and will take some time to fully calibrate depending on signal strength.

It is recommended factory reset the head unit and then turn off the car, wait 30 seconds then turn it back on. Then you can check the date number to make sure it has updated successfully and you may change the settings to your taste.

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Changelog

V1.41 (Latest)

- Fixed various crashes related to Apple CarPlay
- Fixed some missing Car Settings in some situations.

History

v1.4

- New Features
 - Auto start volume - Can set a startup volume
 - Added RDS information to FM Radio
 - Added Audio Quick access button on second page & quick setting menu
- Improved connection reliability with Android Auto and Bluetooth
- Fixed some bugs

v1.3

- Improved System stability
- Reduced connection drop outs from CarPlay and Android Auto
- CarPlay/Android Auto Audio now correctly mutes audio instead of pausing current track
- Fixed EQ related reset issues
- Changed Update success screen to be more informative
- Improved microphone reliability and reduced perceivable echo during a call
- Improved Siri responsiveness & Added Siri Sensitivity Settings
- Changed defaults to improve user experience
- Added adaptive guidelines for reverse camera (for vehicles not equipped with 360 cam)
- Added QR Code to Other Settings to quickly check for latest manuals and updates.

V1.2

- Fixed Dab Mute Icon issue
- Fixed some volume UI icons
- Changed the Mute icon
- Fixed Audio related muting issues
- New Features
 - Added Sub menu for Camera controls
 - Added Second Camera colour/flip adjustments separately

V1.1

- Park assist slight design changes
- Trip info design changes
- Inclinator design changes
- Adjust some text in settings
- Fixed Audio Slider Bug
- Improved Reliability with 360 camera
- Updated / changed various climate related designs and bugs
- New Features
 - Holding down the 'moon' icon on the top right corner of the home screen will turn off the display and mute the audio

For previous software updates, please visit

<https://tdj.com.au/firmware/Aerpro/AMUTO53/Updates/OLD/>