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.
- 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.
- This will be a two step update process which will require the update process to be done twice with two different groups of files.

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

Settings	N			02:06 AM
Factory Reset				>
Version				>
Software Update				>
Open Source Licens	se			>
System Reboot				>
र्र्ट्र General	ل Audio	▶ Display	ح کی Car Settings	Other
⊖ Settings	<u>ا</u> ت] *			02:06 AM
Factory Reset				>
Version	Version: L	_C200_V1.2		>
Software Update	Date: 202 SDK: 129.	240812_1820 (.1.5.0.0.0.1.0		>
Open Source Licer	Mcu: SP_0 CAN: TD	G_717_20240703 V935 V115-27	_01.APQ.S	>
System Reboot				>
				×.

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.

Step 1

Toyota LC200 VX/Sahara 2016-2021 (<u>https://aerpro.com/AMUTO53</u>) Navigate to the Aerpro website (<u>https://aerpro.com</u>) and search for your head units model number based on the system version your head unit lists.

Need help searching for the right p	roducts? Check out our step by step video that guide	s you through the s
r?	Search	Find your headur
cific to a particular Vehicle by	AMUTO53	Enter model
 and model of your vehicle. 	Search for a product, a vehicle that you are looking to have a product fit, or a product category.	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.

🖈 Quick access	> Folders (7)					
5 Desktop 🖈	✓ Devices and drives (5)					
👃 Downloads 🛛 🖈	Local Disk (C:)	Data (D:)	USB (E:)		New Volume (F:)	Google Drive (G:)
👼 documents 🛛 🖈			S 1 1 1	Open	-(7.27.72	
🖿 Pictures 🛛 🖈	 Not do nee or 950 db Not configure (0) 	425 G5 Hee 01 3.43 T5	~ 14.4 Gr	Open in new window	017.27 15	99.4 db liee 01 950 db
🐢 Data (D:) 🛛 🖈	/ Network locations (2)			Pin to Quick access		
al Unviersal Media 🖈				Turn on BitLocker		
Pictures of Produc 🖈				Give access to		
🜧 Google Drive (G:) 🖈				Open as Portable Device		
olimitation Headunit facia intrans	E			7-7ip		
olimitation 🚽				CRC SHA		
Moon				Pin to Start Parmanently arase with Webract		
a Resources				Scan with Webroot		
This DC						
2D Objects				Format		
Deckton						
alexaneste				Cut		
- Downloads				Copy		
Murie				Create shortcut		
Pictures				Rename		
Mideoc				Properties		
Local Dick (C)						
Data (D:)						
USB (F)						
New Volume (E)						
es new volume (r.)						

ata (D:)	USB Drive (E:)		New Volum
15 GB free of 5.45 TB	14.8 GB free of 14.8 GB		3.36 TB free
	Format USB Drive (E:)	×	
	Capacity:		
	14.9 GB	\sim	
	File system		
	FAT32 (Default)	~	
	NTFS FAT32 (Default) exFAT		
	Restore device defaults Volume label		
	USB		
	Format options		
	Quick Format		
	Start	lose	

Once formatted, open up the downloaded zip file. Inside will be two folders. Step 1 & Step 2. Open up folder 1 and copy the contents onto the blank USB Device.

C200 16-21 v1.1 (202	240904) (S × +		<u>—</u> 38
$\leftarrow \rightarrow \uparrow$	C 🖵 > Downloads > L	C200 16-21 v1.1 (20240904) (STEP 1)	Search LC200 16
🕀 New - 🐰	0 6 0 0	↑↓ Sort ~ \equiv View ~ …	
> 🥌 OneDrive - Pers	Name	Date modified Type	Size
	ispbooot.bin	4/09/2024 9:44 AM BIN File	172,990 KB
□Desktop□Downloads□Documents□Pictures□Music□Videos	ISPBOOOT_UPDATE_P.BIN	28/08/2024 10-06 AM BIN Eila Edit in Notepad Add to Favourites 7-Zip 7-Zip Scan with Webroot Copy as path Copy as path Share Cut Cut Copy Create shortcut Delete Rename	1 KB
		Properties	

Once you have copied, navigate to your inserted USB drive and right click in the empty spot and click paste. There should be 2 files on the USB device. Safely remove the USB device and move back to your vehicle to install the first step firmware.



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.

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.



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

When the update is finished you will see the below message which means the update has been completed.



Please Remove the USB drive and restart the vehicle when this screen appears.

Step 2

Once the head unit is finished restarting, we can move onto **STEP 2** of the update. Take the USB to the computer, plug it in and do another format, like the process above.

> Folders (7)				
✓ Devices and drives (5)				
Local Disk (C:)	Data (D:)	USB (E:		New Volume (F:)
104 GB free of 930 GB	423 GB free of 5.45 1	гв 🔰 💙 14.4 G	Open in new window	of 7.27 T
> Network locations (2)			Pin to Quick access	
			Turn on BitLocker	
			Give access to	
			Open as Portable Device	
			CRC SHA	Ś.
			Pin to Start	
			Permanently erase with Webr	oot
			Scan with Webroot	
			Format Eject	
			Cut	
			Сору	
			Create shortcut	
			Rename	
			Properties	
ata (D:)	US	B Drive (F:)		New Volum
15 GB free of 5.45 TB	14	.8 GB free of 14.8 GB		3.36 TB free
	Format USB Dri	ive (E·)	×	
	Torriat 030 Dri	IVE (L.)	~	
	Capacity:			
	14.9 GB		~	
	File system			
	FAT32 (Default)	~	
	NTFS			
	exFAT			
	Restore devic	e defaults		
	Volume label			
	USB			
	Format options			
	Quick Form	at		
	Quick Form	lat		
	All P			
		Start Clo	ose	

Once formatted and confirmed to be empty, we should open up the STEP 2 folder and copy the single file onto the USB



Safely remove the USB device and move back to your vehicle to install the second step firmware.

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)

Nothing should appear when USB is inserted. This is OK. Navigate to the Settings, Other tab and then tap 'Factory Reset'. Confirm the factory reset device.

The unit will then reboot. Please do not touch anything while this process is happening. The head unit will automatically show the following screen with a progress bar like the image below. NOTE: It may reboot a couple of times during this process. Please wait until it finished and asks to remove the USB



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. Continue waiting and once the progress bar finishes you will get a screen that looks similar to below.



You will then be asked to **remove the USB BEFORE pressing the OK button** as the image above. Once the USB is taken out, you can continue by pressing the OK button on the screen. Pressing it once is sufficient, it will eventually restart. The update is now complete.

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

⇔ Settings	*		0	2:06 AM 🔍
Version				>
Software Updat	e			>
Open Source Li	cense			>
System Reboot				>
DR Sensor Upda	ate			>
τõς	d)		<u>برین</u>	
General	Audio	Display	Car Setting	Other

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.

∽ DR Update			02:06 AM	C
	Current version: H	D8040SF.0586765		
	DR Sensor	Update?		
	Cancel	ОК		

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 to 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.

Changelog

Latest (v1.1)

- Park assist slight design changes
- Trip info design changes
- Inclinometer 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 the Volume Down for one second on the steering wheel will quickly mute audio.
 - 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 <u>https://tdj.com.au/firmware/Aerpro/AMUTO53/Updates/OLD/</u>