

Entune Audio Head Unit Software Update (Panasonic)

Service
Category Audio/Visual/Telematics

Section Audio/Video

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2014	4Runner, Highlander, Highlander HV, Sequoia, Tacoma, Tundra	

REVISION NOTICE

July 30, 2014 Rev2:

- The entire bulletin has been updated.

February 27, 2014 Rev1:

- Applicability has been updated to include 2014 model year Highlander vehicles.
- The entire bulletin has been updated.

Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2014 model year applicable vehicles equipped with Entune™ Audio (version 010169) / Entune™ Audio Plus (version 010171) / Entune™ Premium Audio (version 010185) may exhibit one or more of the following conditions:

- Bluetooth® sometimes disconnects with Android™ phones
- Bluetooth® disconnects with iPhone® 4 when connected to USB
- Radio reboots with heavy radio load condition (e.g., dual map and POIs ON and Entune™ Audio music ON and multiple destinations set) (Entune™ Premium Audio only)
- Radio reboots after completing a navigation route by voice command system and pressing Talk Switch (Entune™ Premium Audio only)

Some 2014 model year applicable vehicles equipped with Entune™ Audio (version 010173) / Entune™ Audio Plus (version 01017C) / Entune™ Premium Audio (version 010195) may exhibit one or more of the following conditions:

- Voice command screen is cancelled by pop-up screen

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Introduction (Continued)

- Voice command system does not respond for an extended period of time
- Radio reboots and navigation route is deleted (Entune™ Premium Audio only)
- Bluetooth® disconnects when phone is connected to Bluetooth® Audio from USB connection
- Radio reboots after entering a particular address as destination (Entune™ Premium Audio only)
- Route guidance is lost after ACC is cycled and after arriving at second destination (Entune™ Premium Audio only)

Some 2014 model year applicable vehicles equipped with Entune™ Audio (version 010179) / Entune™ Audio Plus (software version 010183) / Entune™ Premium Audio (software version 0101A1) may exhibit one or more of the following conditions:

- Radio reboots after using voice command system or after screen goes blank (Entune™ Premium Audio only)
- Bluetooth® disconnects or repeats disconnect and connect
- Entune™ is inoperative (Entune™ Premium Audio only)
- Radio freezes when certain Home address is set as destination (Entune™ Premium Audio only)
- House number is not displayed in Home or preset locations (Entune™ Premium Audio only)

Some 2014 model year applicable vehicles equipped with Entune™ Audio (software version 01017B) / Entune™ Audio Plus (software version 010185) / Entune™ Premium Audio (software version 0101A5) may exhibit one or more of the following conditions:

- Navigation re-route pop-up comes up continuously (Entune™ Premium Audio only)
- No map is displayed with new vehicles (Entune™ Premium Audio only)
- "i" button is displayed when navigation route guidance is not used (Entune™ Premium Audio only)
- Radio screen goes blank or freezes occasionally while using navigation function (Entune™ Premium Audio only)
- Radio reboots when an Apple® device which has 9,999 songs or more is connected
- Unselected music is played when certain playlists are selected by voice commands
- CD does not play occasionally
- Voice prompt ends unexpectedly while trying to make a call by voice commands
- Voice commands are inoperative for music
- Radio screen goes black after using voice commands

Updated system software is now available to address these conditions. Follow the repair procedure in this bulletin to install the latest software version.

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Warranty Information

OP CODE	DESCRIPTION	MODEL	TIME	OFF	T1	T2
EL1318	Software Update	4Runner	0.3	86100-35260 86100-35270 86100-35320	87	74
		Highlander Highlander HV		86804-0E110 86804-0E120		
		Sequoia		86140-0C060 86140-0C070 86804-0C030 86804-0C050		
		Tacoma		86140-04120 86140-04130 86804-04010 86804-04030		
		Tundra		86140-0C010 86140-0C021 86140-0C040 86140-0C050 86804-0C070 86804-0C080 86804-0C090 86804-0C100		

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY	HEAD UNIT	APPLICABLE FILE ON THE USB DRIVE**
USB Drive Firmware Update - Panasonic*	01025-PANSC-14B	1	Entune™ Audio	13TBDANA-DA00_0128.kwi
			Entune™ Audio Plus	13TDDANA-DA00_0139.kwi
			Entune™ Premium Audio	13TDANNA-DA00_0177.kwi

* Essential SST.

** For information only.

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Required Tools & Equipment (Continued)

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

Software Update

1. Confirm the audio system type by checking the Panel ID printed on the bottom-right or bottom-center of the machine.

Figure 1. Highlander, Sequoia, Tacoma, & Tundra

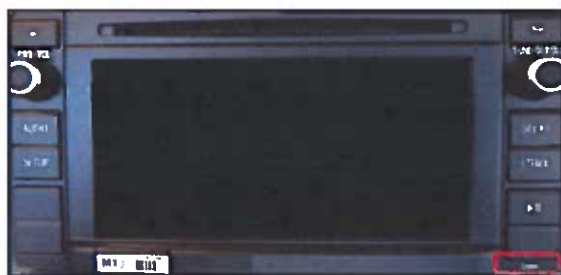


Figure 2. 4Runner



Table 1. Panel ID Information

Model	Entune™ Audio	Entune™ Audio Plus	Entune™ Premium Audio
4Runner	N/A	N/A	57079 57080 57085
Highlander Highlander HV	N/A	N/A	57063 57064
Sequoia	57096	57097	57099 570A1
Tacoma	57089	57090	57092 57094
Tundra	57067	57068 57070 57071	57072 57073 57074 57075

2. Insert the USB Drive SST into the vehicle USB port.
3. Start the engine.

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Software Update (Continued)

4. Go to the *Setup* screen.

A. For Entune™ Audio:

Press the *SETUP* button on the panel.

Figure 3. Tacoma, Sequoia



Figure 4. Tundra



B. For Entune™ Audio Plus / Entune™ Premium Audio:

(1) Press the *APPS* button on the panel.

Figure 5. 4Runner, Highlander, Highlander HV, Sequoia, Tacoma and Tundra



Figure 6. Tundra



NOTE

If Entune™ pop-up displays, select *OK*.

Figure 7.



Entune Audio Head Unit Software Update (Panasonic)

Software Update (Continued)

- (2) Select *Setup* on the *Apps* screen.

Figure 8.



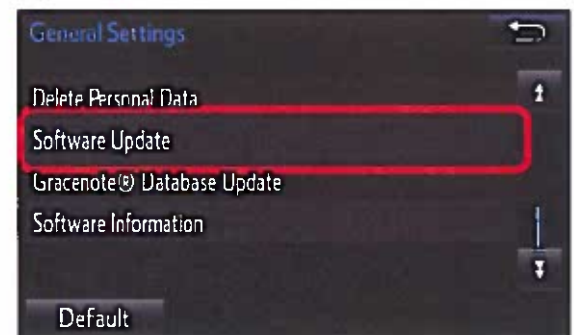
5. Select *General* on the *Setup* screen.

Figure 9.



6. Select *Software Update* from the list on the *General Settings* screen.

Figure 10.



HINT

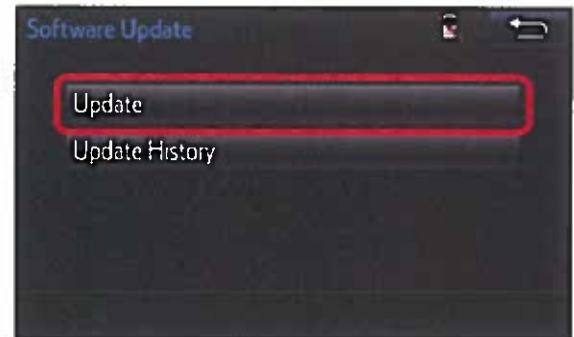
Scroll down the list until *Software Update* is displayed.

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Software Update (Continued)

7. Select *Update* on the *Software Update* screen.

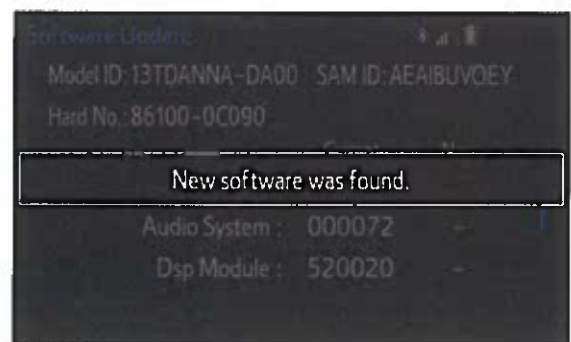
Figure 11.



NOTE

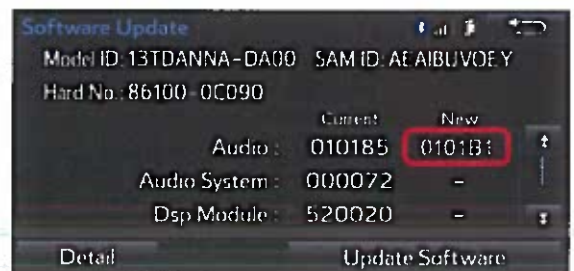
If software has been detected properly, a "New software was found." pop-up will be displayed.

Figure 12.



8. Verify that the new software is up-to-date on the *Software Update* screen.

Figure 13.



Entune Audio Head Unit Software Update (Panasonic)

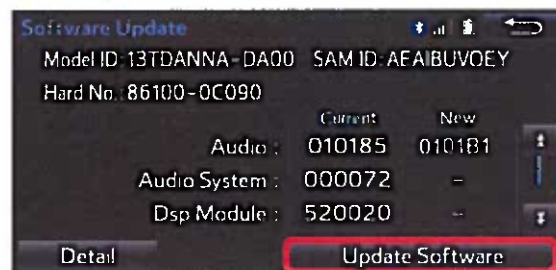
Software Update (Continued)

Table 2. Software Version Information

Type	Entune™ Audio		Entune™ Audio Plus		Entune™ Premium Audio	
	Current Version	New Version	Current Version	New Version	Current Version	New Version
Audio	010169 010173 010179 01017B	010180	010171 01017C 010183 010185	01018B	010185 010195 0101A1 0101A5	0101B1
Audio System	000072	–	000072	–	000072 000074 00007B	–
Dsp Module	420020	–	520020	–	520020 520050	–
Sub	010001	–	010001	–	010001	–
Can	130209	–	130209	–	130209	–

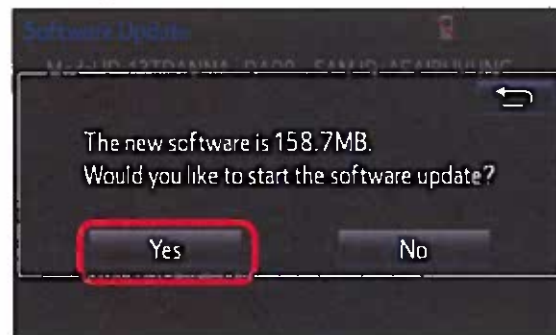
9. Select *Update Software* on the *Software Update* screen.

Figure 14.



10. Select *Yes* on the "Would you like to start the software update?" pop-up.

Figure 15.



Entune Audio Head Unit Software Update (Panasonic)

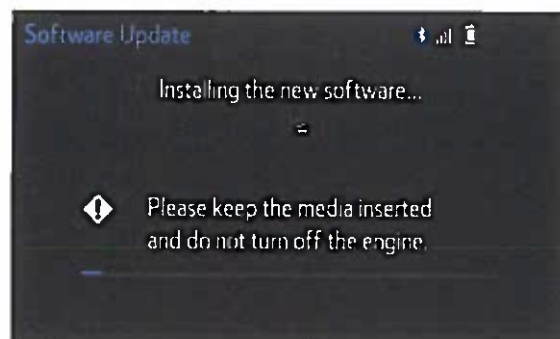
Software Update (Continued)

11. The unit begins installation. The update will take about 10 minutes.

NOTE

- Do NOT turn off the engine or ACC before the software is ready for updating.
- Do NOT pull the USB Drive SST out of the vehicle USB port.

Figure 16.



For Entune™ Premium Audio:

If update fails and the error message "New software is not compatible with the system." displays, cycle the ignition OFF, remove the Map Micro SD Card from the head unit, and repeat steps 2 – 11.

Figure 17.

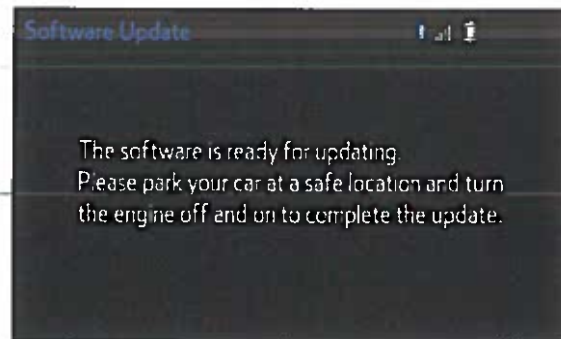
**NOTE**

Software update error is more likely to occur in areas with more traffic information.

Once update is complete, reinsert the Map Micro SD card into the head unit, cycle the ignition OFF, and proceed to step 13.

12. When "The software is ready for updating." displays, cycle the ignition OFF.

Figure 18.



13. Remove the USB Drive SST from the vehicle USB port.

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Software Version Confirmation

1. Perform steps 3 – 7 of the Software Update procedure to re-enter the *Software Update* screen.
2. Verify that the software information is updated on the *Software Update* screen. **Figure 19.**

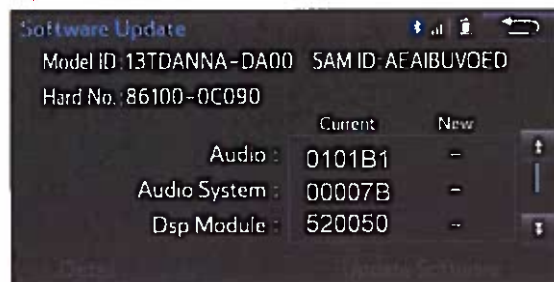


Table 3. New Software Version Information

Type	Entune™ Audio		Entune™ Audio Plus		Entune™ Premium Audio	
	Current Version	New Version	Current Version	New Version	Current Version	New Version
Audio	010180*	–	01018B*	–	0101B1*	–
Audio System	000072	–	000072	–	000072 000074 00007B	–
Dsp Module	420020	–	520020	–	520050	–
Sub	010001	–	010001	–	010001	–
Can	130209	–	130209	–	130209	–

* Updated version information