

Service Category Audio/Visual/Telematics Section Audio/Video Market USA



### Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION	
2014 – 2015	Camry, Camry HV, Corolla, RAV4		
2015	Prius C		

### **REVISION NOTICE**

July 25, 2016 Rev2:

- The Required Tools & Equipment section has been removed.
- The New Software Version Information Chart has been updated.

July 14, 2016 Rev1:

• The Introduction and the Software version sections have been udpated.

Any previous printed versions of this bulletin should be discarded.

#### SUPERSESSION NOTICE

The information contained in this bulletin supersedes SB No. T-SB-0003-14.

- Applicability has been updated to include 2015 model year Prius C vehicles.
- The entire bulletin has been updated.

Service Bulletin No. T-SB-0003-14 is Obsolete and any printed versions should be discarded. Be sure to review the entire content of this bulletin before proceeding.

#### Introduction

Some 2014 model year Corolla vehicles equipped with Entune<sup>™</sup> Audio (version BU.26.42) or Entune<sup>™</sup> Premium Audio (version AU.26.61) may exhibit one or more of the following conditions:

- Apps screen displays after re-route (Entune<sup>™</sup> Premium Audio only)
- Voice command system freezes during phonebook transfer
- Voice command system freezes when radio is in XM mode

### Introduction (Continued)

- Bluetooth<sup>®</sup> is inoperative while using Apps
- Sent SMS message continually appears on display audio for BlackBerry<sup>®</sup> devices (Q10 & Z10)

Some 2014 model year Corolla and RAV4 vehicles equipped with Entune<sup>™</sup> Audio (version BU.30.05 & BU.30.25), Entune<sup>™</sup> Audio Plus (version DU.35.08), or Entune<sup>™</sup> Premium Audio (version AU.30.08 & AU.35.05) may exhibit one or more of the following conditions:

- Voice command system freezes when voice command is used right after ignition is ON (Entune<sup>™</sup> Premium Audio only)
- Entune<sup>™</sup> function is inoperative (Entune<sup>™</sup> Premium Audio only)
- Cover art does not match with HD Radio<sup>™</sup> music playing (Entune<sup>™</sup> Premium Audio only)
- Music cannot be selected via voice command system (Entune<sup>™</sup> Premium Audio only) when a device has more than 15,000 songs
- XM preset channels are removed (Entune<sup>™</sup> Premium Audio only)
- Radio freezes after inputting a certain address in navigation destination (Entune<sup>™</sup> Premium Audio only)
- Bluetooth<sup>®</sup> connection is dropped
- Phonebook does not transfer
- Browse button does not appear in Bluetooth<sup>®</sup> Audio
- Bluetooth<sup>®</sup> connected device cannot be changed
- · Voice command system is inoperative after deleting all contacts
- Connected Bluetooth<sup>®</sup> device cannot be deleted
- User setting is deleted

Some 2014 model year vehicles equipped with Entune<sup>™</sup> Audio (version BU.30.18, BU.30.27, BU.30.21, BU.30.31), Entune<sup>™</sup> Audio Plus (version DU.35.16), or Entune<sup>™</sup> Premium Audio (version AU.30.26, AU.30.51, AU.36.66, AU.35.16, AU.35.17) may exhibit one or more of the following conditions:

- Cover art does not change when changing songs on Bluetooth<sup>®</sup> Audio (Entune<sup>™</sup> Audio, Entune<sup>™</sup> Premium Audio only)
- Audio automatically becomes "Audio off," disconnects Bluetooth<sup>®</sup> automatically, or won't automatically play
- Bluetooth<sup>®</sup> Audio volume fluctuates or goes back to default setting or becomes louder for an instant
- Won't display Playlist in browse properly

#### Introduction (Continued)

- Won't recognize the music title in iPod<sup>™</sup> No sound on iPod<sup>™</sup> Video while time count on the video is progressing correctly
- Could not playback CD
- A loading screen continues being displayed at the time
- Continuously reboots
- Radio screen changes to an arbitrary rear camera screen while driving
- · Added App is not added at end of the Apps list
- Mandatory update pop-up appears after Bluetooth® is disconnected
- · Unit freezes or no response when using voice command
- Buttons and radio screen related to Phone and Apps won't respond
- Voice command shuts down in the middle or no guidance at all
- Voice command initialization not completed or takes long time to complete initializing
- Music Voice Recognition is not available (Entune<sup>™</sup> Audio, Entune<sup>™</sup> Premium Audio only)
- Won't display email or text message properly (no body text, no line break, shows the same message twice)
- Incoming email or text message shown after email has already been viewed in Messages screen
- "Text to speech" readout doesn't work or slow response, and volume does not change
- Old email or text message is included in new contents when incoming mail message is read
   aloud
- Audio system sound does not MUTE during email reading aloud
- Weather map will not open, only beeps
- There is no car cursor on the simple map traffic screen
- Won't display Phone call list properly
- Won't go to Map screen or no map on Home screen (Entune<sup>™</sup> Premium Audio only)
- Navigation re-route pop-up comes up continuously (Entune<sup>™</sup> Premium Audio only)
- No map is displayed with new vehicles (Entune<sup>™</sup> Premium Audio only)
- "i" button is displayed when navigation route guidance is not used (Entune<sup>™</sup> Premium Audio only)

### Introduction (Continued)

- Radio screen goes blank or freezes occasionally while using navigation function (Entune<sup>™</sup> Premium Audio only) One Shot Address Entry doesn't work sometimes (Entune<sup>™</sup> Premium Audio only)
- Unit freezes when searching route to home memorized in preset memory (Entune<sup>™</sup> Premium Audio only)

Some 2014 model year vehicles equipped with Entune<sup>™</sup> Audio Plus (version DU.70.09) or Entune<sup>™</sup> Premium Audio (version AU.70.09) may exhibit one or more of the following conditions:

- A ringtone does not sound when phone call is received during route guidance (Entune™ Premium Audio only)
- Voice command was cancelled unexpectedly (Entune<sup>™</sup> Audio Plus, Entune<sup>™</sup> Premium Audio only)
- "Yes" button is grayed out in the Bluetooth<sup>®</sup> Call Confirm screen (Entune<sup>™</sup> Audio Plus, Entune<sup>™</sup> Premium Audio only)
- Connected phone does not show as connected (Entune<sup>™</sup> Audio Plus, Entune<sup>™</sup> Premium Audio only)
- "Connecting" message for text message does not go away when phone is already connected (Entune<sup>™</sup> Audio Plus, Entune<sup>™</sup> Premium Audio only)
- Cache radio is rewound by itself after voice command usage (Entune<sup>™</sup> Premium Audio only)
- Touch screen button is unresponsive on Entune<sup>™</sup> caution screen (Entune<sup>™</sup> Audio Plus, Entune<sup>™</sup> Premium Audio only)
- Some text messages are not displayed on the screen (Entune<sup>™</sup> Audio Plus, Entune<sup>™</sup> Premium Audio only)
- In Home screen, full screen of Entune<sup>™</sup> audio app is not shown (Entune<sup>™</sup> Audio Plus, Entune<sup>™</sup> Premium Audio only)
- Radio takes time to read out messages after "Show my message" voice command is recognized
- Voice command cannot be recognized during map route guidance (Entune<sup>™</sup> Premium Audio only)
- Incorrect destination is set when voice command is used (Entune<sup>™</sup> Premium Audio only) Some audio sources are not displayed when voice command is used (Entune<sup>™</sup> Audio Plus, Entune<sup>™</sup> Premium Audio only)
- Weather of some cities is not displayed when voice command is used (Entune<sup>™</sup> Audio Plus, Entune<sup>™</sup> Premium Audio only)
- Voice command for music is not recognized (Entune<sup>™</sup> Audio Plus, Entune<sup>™</sup> Premium Audio only)

### Introduction (Continued)

- Some Playlists cannot be chosen when voice command is used (Entune<sup>™</sup> Audio Plus, Entune<sup>™</sup> Premium Audio only)
- Radio freezes when voice command is used (Entune<sup>™</sup> Audio Plus, Entune<sup>™</sup> Premium Audio only)
- Blank radio presets are not skipped with steering wheel switch (Entune<sup>™</sup> Audio Plus, Entune<sup>™</sup> Premium Audio only)
- Destination cannot be set (Entune<sup>™</sup> Premium Audio only)
- Distance to traffic incident is shown incorrectly (Entune<sup>™</sup> Premium Audio only)
- Intersection map is not displayed (Entune<sup>™</sup> Premium Audio only)
- Traffic incident icon is not displayed (Entune<sup>™</sup> Premium Audio only)
- Radio freezes with navigation operation (Entune<sup>™</sup> Premium Audio only)
- Touch screen becomes unresponsive after setting destination nearby and pop-up screen of "You are nearby" is displayed (Entune™ Premium Audio only)
- Arrival time shows incorrectly after destination is set (Entune<sup>™</sup> Premium Audio only)
- Radio reboots with navigation operation (Entune<sup>™</sup> Premium Audio only)
- Along My Route POI search does not show any results (Entune<sup>™</sup> Premium Audio only)
- Traffic information icon is not displayed after returning from future time prediction to current time (Entune™ Premium Audio only)
- Traffic information is not displayed (Entune<sup>™</sup> Premium Audio only)
- Doppler traffic is not displayed after removing map SD card and reinserting it (Entune™ Premium Audio only)
- Traffic event does not display intermittently (Entune<sup>™</sup> Premium Audio only)
- HD Traffic<sup>™</sup> does not display at times (Entune<sup>™</sup> Premium Audio only)

Audio Plus (version DU.70.26), or Entune<sup>™</sup> Premium Audio (version AU.70.28) may exhibit one or more of the following conditions:

- A part of music information of the whole album is not displayed when album art is pressed
- Revised Quick Reply message goes back to default after key cycle
- Device names in Bluetooth<sup>®</sup> setup screen are grayed out
- Bluetooth<sup>®</sup> is disconnected and does not reconnect automatically
- · Pronunciation of French name streets is incorrect
- HD Traffic<sup>™</sup> does not display

#### Introduction (Continued)

 Voice command cannot be used and keeps saying "voice recognition initializing" (Entune™ Premium Audio only)

Some 2014 – 2015 model year vehicles equipped with Entune<sup>™</sup> Audio (version BU.38.11 or BU.70.25), Entune<sup>™</sup> Audio Plus (version DU.70.31), or Entune<sup>™</sup> Premium Audio (AU.70.33 or AU.38.32) may exhibit one or more of the following conditions:

- Voice command cannot be used and keeps saying "voice recognition initializing" (Entune<sup>™</sup> Audio Plus only)
- Browse button is not displayed on Bluetooth<sup>®</sup> Audio screen
- Radio freezes during phonebook transfer Updated system software is now available to address these conditions.

Some 2014 – 2015 model year vehicles equipped with Entune<sup>™</sup> Audio (version BU.38.44 or BU.70.26), Entune<sup>™</sup> Audio Plus (version DU.70.61), or Entune<sup>™</sup> Premium Audio (AU.70.61 or AU.38.71) may exhibit one or more of the following conditions:

- When pushing the off-hook button during a call (No held calls/No incoming calls), it is not
  possible to switch to on hold.
- Unable to switch a current call to "Hold."
- Black screen (radio still plays).
- Pandora© displaying incorrectly.
- Will not add destination when pressed on Voice Recognition screen.
- Voice Recognition suddenly ends.
- When switching from XM to AM/FM, the radio stays on XM.
- Voice Recognition inoperative for Entune<sup>™</sup> apps.
- Entune<sup>™</sup> icons are yellow blocks.
- Frequency displays incorrectly after pressing Scan button multiple times.
- Navigation is frozen or clock has stopped.
- HD Traffic data is not shown on the map.
- Unable to perform "Web Search" using Voice Recognition.

Some 2014 - 2015 model year vehicles equipped with Entune(tm) Audio (version BU.70.29 or BU.38.47), Entune(tm) Audio Plus (version DU.70.69), or Entune(tm) Premium Audio (AU.70.69 or AU.38.83) or earlier may exhibit one or more of the following conditions:

• Audio source information does not match between the Head Unit and Instrument Cluster.

### Introduction (Continued)

- Incorrect phone number displayed on Instrument Cluster during the first few seconds on an incoming call.
- Browse button is missing during Bluetooth audio on supported phones.
- Phone book transfer cannot be interrupted once it has been started.
- If Hands Free Bluetooth fails to connect it will not display the connection failure screen.
- When connecting an audio player and the system times out, the incorrect screen is displayed.
- Device information missing and only the device name is shown.
- Weather icon flickers intermittently.
- Bluetooth status is not displayed in the radio options screen.
- ETA is displayed in the quick message.
- Track name is not displayed on iHeartRadio screen.
- Screen doesn't transition to the sonar screen intermittently.
- Apps menu screen freezes intermittently.
- Error codes cannot be cleared from service menu.
- Voice Recognition is slow to respond or freezes.
- Intermittent black screen or screen shuts off.
- "Message list could not be loaded" or SMS messages will not be read intermittently.
- Intermittently Entune<sup>™</sup> will not launch.
- Intermittent rebooting or resetting.
- Stuck on "Hello" screen.
- Time doesn't update when crossing time zones.
- Cancel button is inoperative in Add Device Screen.
- Bluetooth intermittently disconnects or doesn't connect or reconnect.
- Stuck on "retrieving messages. Please wait..." screen.
- Unable to change to FM mode.
- Audio hard button is inoperative after Voice Recognition.
- Half of the home screen is displayed in the service menu.
- Audio is missing from the home screen.

### Introduction (Continued)

- Home screen is displayed when screen off is selected.
- Stuck on "Transferring contacts<sup>1</sup>/<sub>4</sub>" screen.
- "Go" button on voice recognition screen is intermittently inoperative.
- Weather map button is intermittently inoperative.
- Audio information doesn't is match between the instrument cluster and the head unit.
- Instrument cluster displays incorrect information when on XM mode.
- Rumble sound coming from the radio when no audio is playing.
- USB audio resets after ignition off and on.
- Hands Free settings reset after ignition off and on.

Follow the repair procedure in this bulletin to install the latest software version.

### **Production Change Information**

This bulletin applies to:

• 2014 Camry and Camry HV vehicles equipped with Entune<sup>™</sup> Audio and Entune<sup>™</sup> Premium Audio System produced **AFTER** the Production Change Effective VINs shown below.

MODEL	PLANT	PRODUCTION CHANGE EFFECTIVE VIN			
		4T1BF1FK#EU352836			
	ТММК	4T1BF1FK#EU772337			
Camry		4T1BK1FK#EU025425			
		4T1BK1FK#EU543812			
SIA		4T4BF1FK#ER373319			
Camry HV	ТММК	4T1BD1FK#EU110949			

- 2015 Camry and Camry HV vehicles equipped with Entune<sup>™</sup> Audio and Entune<sup>™</sup> Premium Audio System
- 2014 2015 Corolla vehicles equipped with Entune<sup>™</sup> Audio and Entune<sup>™</sup> Premium Audio System.
- All 2014 2015 RAV4 vehicles.
- 2015 Prius C vehicles equipped with Entune<sup>™</sup> Audio and Entune<sup>™</sup> Premium Audio System.

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## Warranty Information

OP CODE	DESCRIPTION	MODEL	TIME	OFP	T1	T2
EL1503	Software Update	Camry Camry HV	0.3	86140-06190 86140-06390 86140-06070 86804-06160 86804-06140 86804-06110 86804-06100	87	74
		Corolla		86140-02050 86804-02020		
		Prius C		86804-52020 86140-52320		
EL1503	Software Update	RAV4	0.3	86140-0R090 86140-0R100 86140-42190 86140-42200 86804-0R010 86804-0R020 86804-42090	87	74

### **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.

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## Software Update

HEAD UNIT	MODEL	APPLICABLE FILE ON USB DRIVE	QTY
Entune™ Audio	Corolla, Rav4, 14MY Camry, 14MY Camry HV	13TBDANA-CA01_7031.zip	1
	15MY Camry, 15MY Camry HV, Prius C	13TBDANA-CA02_3848.zip	1
Entune™ Audio Plus	RAV4	13TDDANA-CA01_7073.zip	1
Entune™ Premium	Corolla, Rav4, 14MY Camry, 14MY Camry HV	<u>13TDANNA-CA02_7075.zip</u>	1
Audio	15MY Camry, 15MY Camry HV, Prius C	13TDANNA-CA04_3888.zip	1

## MULTIMEDIA SOFTWARE FILE DOWNLOAD

The Multimedia software update file may be downloaded directly from this Service Bulletin by clicking on the file name in the table above. Once downloaded, the applicable set of files must be extracted (unzipped) from the "zip" folder and saved to a commonly-available blank USB flash drive.

For USB flash drive requirements and download instructions: Refer to the Technical Information System (TIS): *Diagnostics – Calibrations – Reference Documents – "Multimedia Software Download Instructions*"

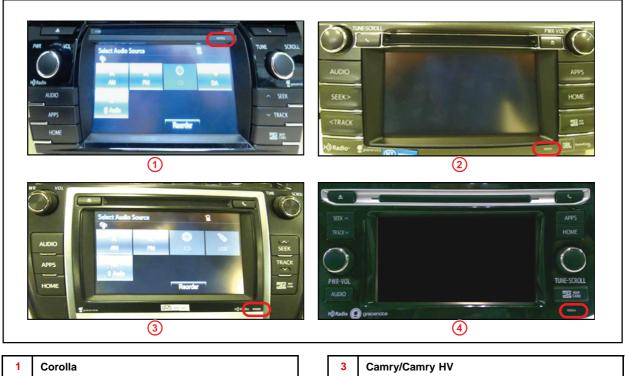
### Software Update

1. Confirm the audio system type by checking the Panel ID printed above the top-right or bottom-right of the display.

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## Software Update (Continued)

Figure 1.



1	Corolla	3	Camry/Camry HV
2	RAV4	4	Prius C

#### **Panel ID Information**

MODEL	MODEL YEAR	ENTUNE™ AUDIO	ENTUNE™ AUDIO PLUS	ENTUNE™ PREMIUM
Camry	2014	100201	N/A	100202 100203
Camry HV	2015	100366	N/A	100367 100368
Corolla	Corolla 100149		N/A	100150
RAV4	2014 – 2015	100327 100328	100325 100326	100319 100324 100459
Prius C	2015	100505	N/A	100504

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

Rev2

## Software Update (Continued)

4. Wait for the *Select Audio Source* screen to be displayed.



5. Wait until the USB source icon highlights and displays the USB name with the icon.

#### Figure 3.

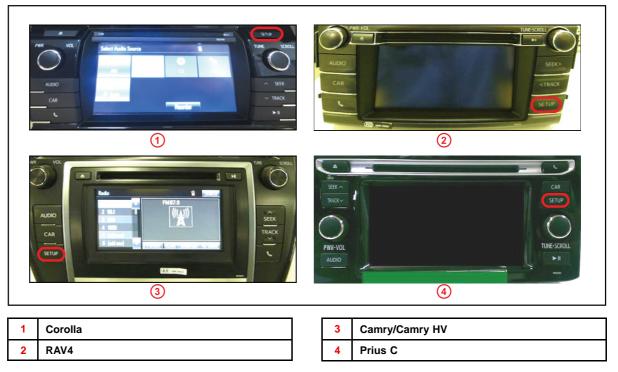


### Software Update (Continued)

- 6. Go to the Setup screen.
  - A. For Entune<sup>™</sup> Audio.

Press the SETUP button on the panel.

Figure 4.



- B. For Entune<sup>™</sup> Audio Plus / Entune<sup>™</sup> Premium Audio:
  - (1) Press the *APPS* button on the left of the panel.

Figure 5. Camry, Corolla, RAV4



Figure 6. Prius C



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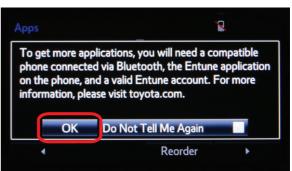
## Entune Audio Head Unit Software Update (Fujitsu Ten)

## Software Update (Continued)

## NOTE

If Entune pop-up displays, select OK.

#### Figure 7.



(2) Select Setup on the Apps screen.

#### Figure 8.



7. Select General on the Setup screen.

#### Figure 9.



Rev2

### Software Update (Continued)

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

#### HINT

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

#### Figure 10.

General Settings	ţ,
Delete Personal Data	ź
Software Update	
Gracenote® Database Update	
Software Information	
	*
Default	

9. Select Update on the Software Update screen.

#### Figure 11.

Software Update	2	ŋ
Update		
Update History		

### NOTE

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

#### Figure 12.

Software Update Model ID:13TDANNA-CA01	SAM ID : AEAIBUVMTG
Hard No.:86100-02100 New softwar	Current New
	AU.26.61 AU.30.08
Audio :	AU.26.61 AU.30.08
Detail	Update Software

### Software Update (Continued)

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

Rev2

#### NOTE

*Update Software* is enabled only if there is an update newer than the current software.

#### Figure 13.

Software Update		R 🛨	U
Model ID:13TDANNA-CA01	SAM ID:A	EAIBUVMSW	
Hard No.: 86100-02100			
	Current	New	
<b>Operating System :</b>	AU.30.08	XX.XX.XX	*
Device Driver :			
Audio :	AU.30.08	XX.XX.XX	¥
Detail	Updat	e Software	-

#### **Software Version Information**

	En	tune™ Au	dio		Entune™ Audio Plus		Entune™ Premium Aud			
Туре		New V	ersion		N		New V	ersion		
турс	Current Version	Corolla, RAV4, 2014 Camry	2015 Camry, Prius C	Current Version	New Version RAV4	Current Version	Corolla, RAV4, 2014 Camry	2015 Camry, Prius C		
Operating System		BU.70.31	-		DU.70.73	AU.26.61 AU.30.08	AU.70.75	AU.38.88		
Device Driver		BU.70.31	BU.38.48		DU.70.73	AU.30.26 AU.30.51	AU.70.75	AU.38.88		
Audio	BU.26.42	BU.70.31	BU.38.48	1 1		DU.70.73	AU.35.05	AU.70.75	AU.38.88	
Navigation	BU.30.05 BU.30.18		_			DU.35.08	DU.70.73	AU.35.16 AU.35.17	AU.70.75	AU.38.88
Bluetooth®	BU.30.21 BU.30.27	BU.70.31	BU.38.48	DU.35.16	DU.70.73	AU.35.53 AU.35.66	AU.70.75	AU.38.88		
GUI	BU.30.31	U.30.31 BU.70.31 BU.38.48 DU.35.17	DU.70.73	AU.70.09 AU	AU.70.75	AU.38.88				
Middle Ware	BU.70.06 BU.70.25	BU.70.31	BU.38.48	DU.70.11	DU.70.11	DU.70.11	DU.70.73	AU.70.11	AU.70.75	AU.38.88
Kernel	BU.70.26	BU.70.31	BU.38.48	DU.70.26 DU.70.31	DU.70.73	AU.70.33	AU.70.75	AU.38.88		
Kernel Voice Recognition	BU.70.27 BU.70.28 BU.70.29 BU.38.31 BU.38.44 BU.38.45 BU.38.46 BU.38.47	BU.70.31	BU.38.48	DU.70.34 DU.70.61 DU.70.64 DU.70.68 DU.70.69	DU.70.73	AU.70.34 AU.70.61 AU.70.68 AU.70.69 AU.38.32 AU.38.42 AU.38.44 AU.38.71 AU.38.71 AU.38.81 AU.38.83	AU.70.75	AU.38.88		

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### Software Update (Continued)

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



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

#### Figure 15.



## Figure 16.



## NOTE

Entune<sup>™</sup> Audio Plus only: Select left box on the *"This preset is currently empty. Would you like to save [XXXX] as a preset?"* pop-up. Rev2

## Entune Audio Head Unit Software Update (Fujitsu Ten)

### Software Update (Continued)

13. The unit begins installation.

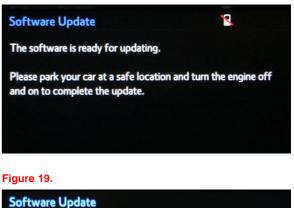
### NOTE

Do NOT turn off ACC before the software is ready for updating.



 When *"The software is ready for updating."* displays, cycle the ignition OFF and wait for 30 seconds. Then cycle the ignition ON again.

#### Figure 18.



15. Wait for the audio system to finish the software update.

## NOTICE

Do NOT turn off ACC before the next Toyota logo screen displays.

Updating the software... Please do not turn off the engine.

Rev2

### Software Update (Continued)

16. When the Toyota logo screen is displayed, the update is finished.



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

### **Software Version Confirmation**

1. Wait for the *Select Audio Source* screen to be displayed.

#### Figure 21.



### Software Version Confirmation (Continued)

- 2. Perform steps 6 9 of the Software Update procedure to re-enter the Software Update screen.
- 3. Verify that the software information is updated on the Software Update screen.

New Software Version Information

		ne™ dio	Entune™ Audio Plus		
Туре	New V	ersion		New V	ersion
	Corolla, RAV4, 2014 Camry	2015 Camry, Prius C	New Version RAV4	Corolla, RAV4, 2014 Camry	2015 Camry, Prius C
Boot	BU.70.31		DU.70. 73	AU.70.75	AU.38.88
Voice Recognition	BU.70.31	BU.38.48	DU.70. 73	AU.70.75	AU.38.88
GUI	BU.70.31	BU.38.48	DU.70. 73	AU.70.75	AU.38.88
Audio	BU.70.31	BU.38.48	DU.70. 73	AU.70.75	AU.38.88
Bluetooth	BU.70.31	BU.38.48	DU.70. 73	AU.70.75	AU.38.88
Navigation	-	-	—	AU.70.75	AU.38.88
Device Driver	BU.70.31	BU.38.48	DU.70. 73	AU.70.75	AU.38.88
Kernel	BU.70.31	BU.38.48	DU.70. 73	AU.70.75	AU.38.88
Operating System	BU.70.31	BU.38.48	DU.70. 73	AU.70.75	AU.38.88
Middle ware	BU.70.31	BU.38.48	DU.70. 73	AU.70.75	AU.38.88
Power	BU.70.31	BU.38.48	DU.70. 73	AU.70.75	AU.38.88