Charge Schedule Function Inoperative Intermittently

Service Category Audio/Visual/Telematics

Section Navigation/Multi Info Display **Market** USA

Toyota Supports ASE Certification

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2012 – 2013	RAV4 EV	

Introduction

Some 2012 – 2013 model year RAV4 EV vehicles may experience a condition where the charge schedule function is intermittently inoperative. The condition may result from power interruption including: momentary blackout from the utility company, long term power outage, removing and reconnecting the charging plug, or other circumstances.

Follow the procedure in this bulletin to update the multi-information display software to address this condition.

NOTE

This software update does NOT affect:

- **Vehicle charge start time**
- **The use of an EVSE timer**
- **Inability to charge on the 31st of the month**

Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VIN shown below.

MODEL	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
RAV4 EV	TMMC	2T3YL4DV#DW001893

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Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
EL1309	Firmware Update	0.3	86100-0R032	99	99

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
USB Drive Firmware Update - DENSO*	01008-DENSO-13B	1

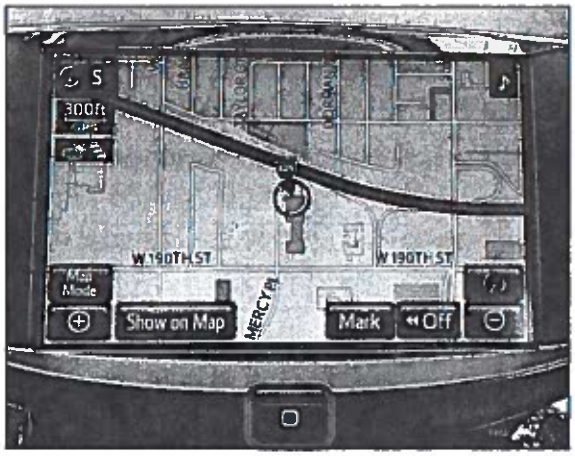
* Essential SST.

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

Repair Procedure

1. Plug the USB Drive SST into the USB slot located in the center console.
2. Press the Home button on the navigation screen.

Figure 1.



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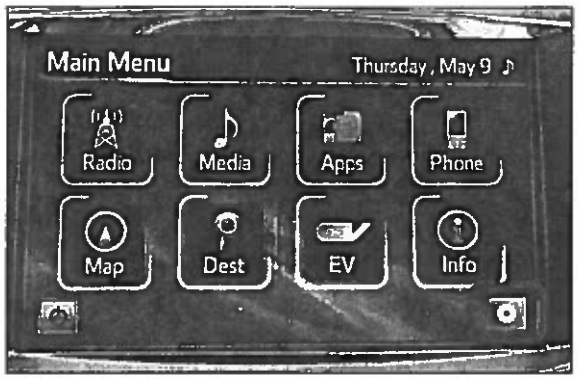
Repair Procedure (Continued)

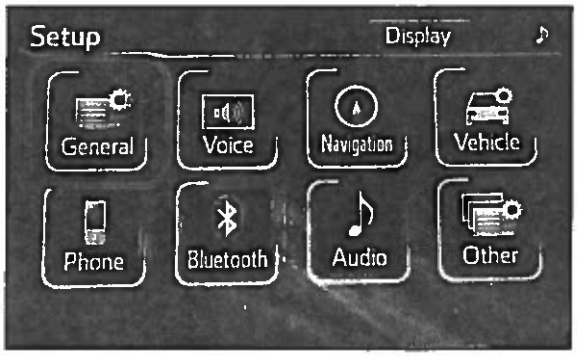
3. Press the Setup button ("wheel" mark on the bottom right of the screen).

Figure 2.



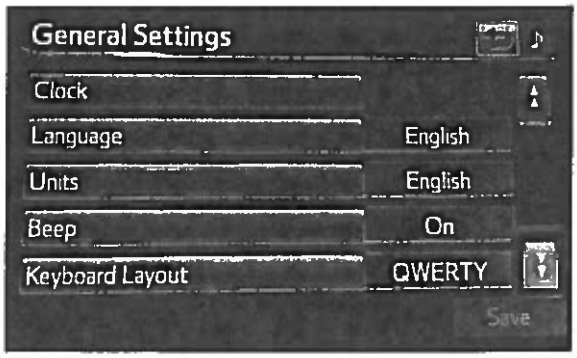
4. Press *General*.

Figure 3.



5. Scroll to the second page.

Figure 4.



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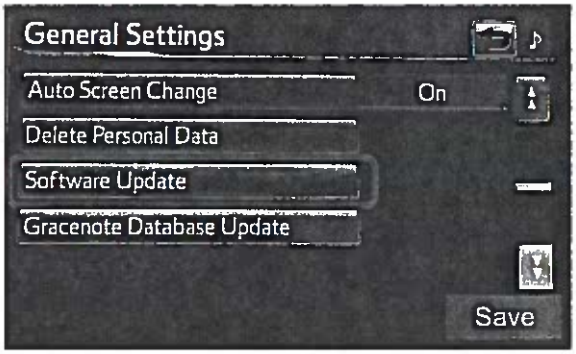
Repair Procedure (Continued)

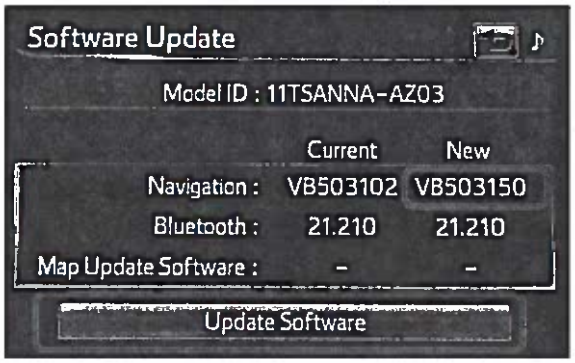
6. Press *Software Update*.

Figure 5.



7. Confirm the New software version is "VB503150." Then press *Update Software*.

Figure 6.



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Repair Procedure (Continued)

8. Press *Yes*. The software update will take about 10 minutes.

Figure 7.

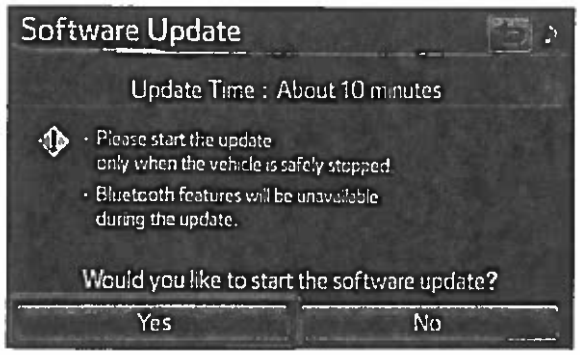
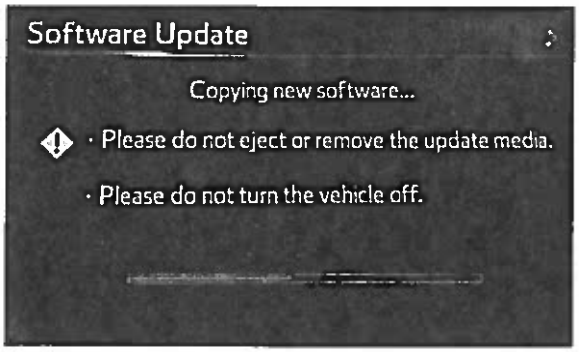
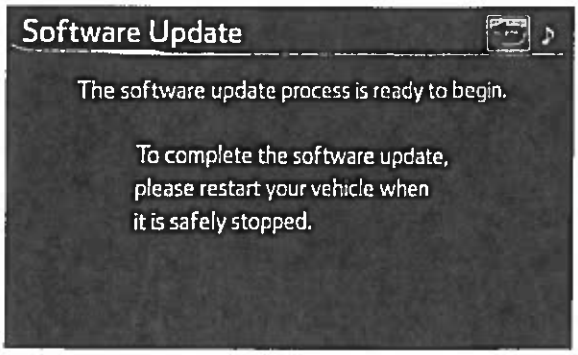


Figure 8.



9. The screen in Figure 9 will display when the download is complete.

Figure 9.



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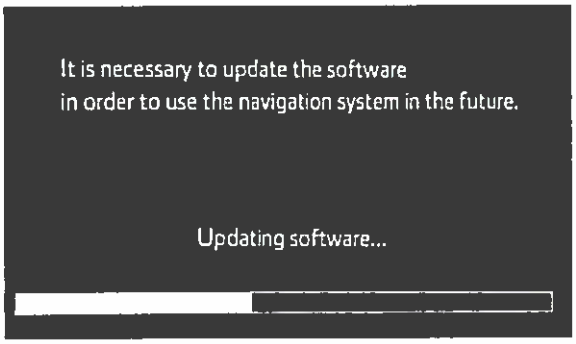
Repair Procedure (Continued)

10. Remove the USB Drive SST and place the vehicle in "IG-OFF" mode. Then place the vehicle in "IG-ON" mode to restart the system. The update will automatically commence once the system has restarted.

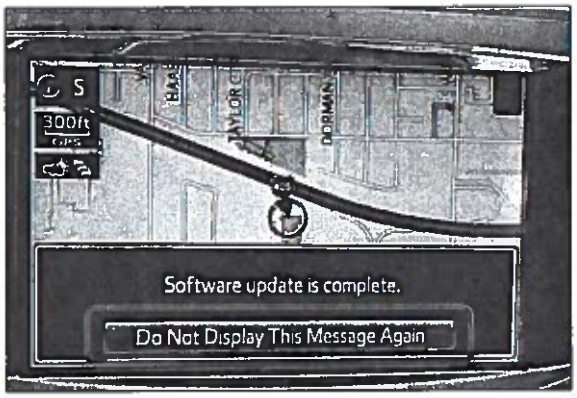
Figure 10.

Figure 11.



11. Press *Do Not Display This Message Again*.

Figure 12.



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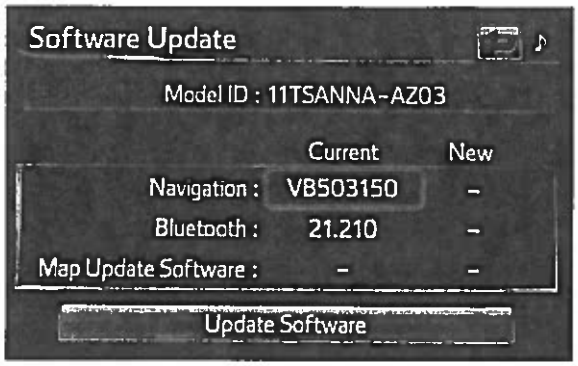
Repair Procedure (Continued)

12. Go back to the Software Update screen (follow steps 2 – 7).
13. Confirm the Current software version is now "VB503150."

Figure 13.



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