

T-SB-0007-13      Rev1      January 9, 2013

# Premium HDD Navigation Map Update Process (AVN/AW-EMV)

**Service Category** Audio/Visual/Telematics

**Section** Navigation/Multi Info Display

**Market** USA

Toyota Supports  
ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2013	Avalon, Avalon HV, Camry, Camry HV, Land Cruiser, Prius, Prius PHV, Prius V, Venza	
2012	Camry, Camry HV, Prius, Prius PHV, Prius V, RAV4 EV	

### REVISION NOTICE

**April 30, 2013 Rev1:**

- **Parts Information and Required Tools & Equipment have been updated.**

**Any previous printed versions of this bulletin should be discarded.**

## Introduction

Toyota models equipped with the Premium HDD Navigation (AVN/AW-EMV) System require a Special Service Tool (SST) USB drive to update the map, points of interest, Gracenote®, and system software. The SST is used with all vehicles to deliver the update, however a unique Activation Number is required for each vehicle. Activation Numbers are provided in an Activation Card Number (ACN) pamphlet available through the normal parts ordering system. Use the process described in this bulletin to perform the update.

### NOTE

- **Gracenote® information must be updated at the same time as Map Data. This data is included on the Map Data SST.**
- **Map data will be released annually through the shipment of a USB Drive SST to each dealer. The SST must be stored in the SST cabinet to ensure it can be easily found.**

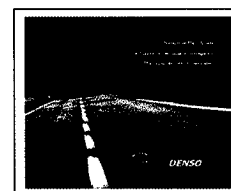
## Premium HDD Navigation Map Update Process (AVN/AW-EMV)

### Parts Information

PART NUMBER	PART NAME	QTY
86271-HDD07-00	ACN NAV UPDTE V.12.1 (Pamphlet)	1

#### NOTE

Pamphlet is blue, with Toyota and Denso labels on the front cover.



### Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
N/A	Not Applicable to Warranty	—	—	—	—

### Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Navigation Map Update- Denso*	<u>TOYD-HDD07-12</u>	1

\* Essential SST.

#### NOTE

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

### On-vehicle Data Navigation Update

1. Update Gracenote® information using Service Bulletin T-SB-0006-13, "Premium HDD Navigation Gracenote® Database Update Process (AVN/AW-EMV)".

#### HINT

Connect a battery charger to the vehicle prior to beginning the process to ensure constant battery voltage.

2. Log into TIS.

## Premium HDD Navigation Map Update Process (AVN/AW-EMV)

### On-vehicle Data Navigation Update (Continued)

3. Log into *Navigation Update Wizard*.
  - A. Click on the *TIS* tab.
  - B. Click on the *Diagnostics* tab.
  - C. Click on the *Navigation* tab.
  - D. Re-enter your password.
4. Select **Denso** from the *Select Navigation Manufacturer* dropdown.

Figure 1.

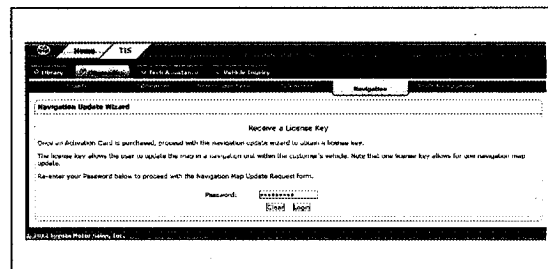
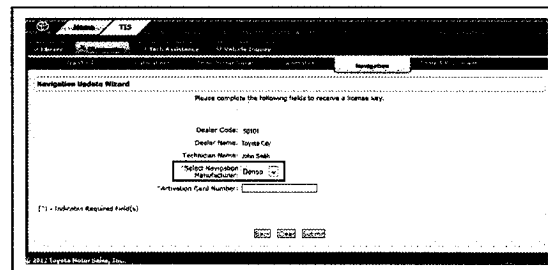
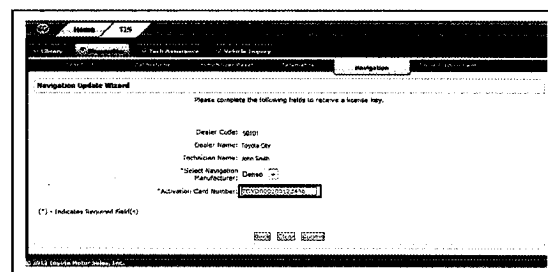


Figure 2.



5. Enter the *Activation Card Number* from the inside of the pamphlet (obtained from parts department).

Figure 3.



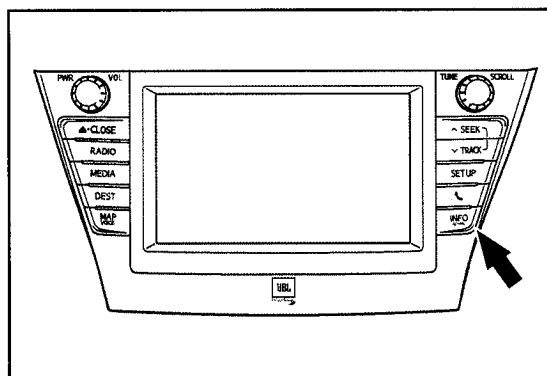
6. Click *Submit*.
7. Turn Ignition ON (Ready OFF).

## Premium HDD Navigation Map Update Process (AVN/AW-EMV)

### On-vehicle Data Navigation Update (Continued)

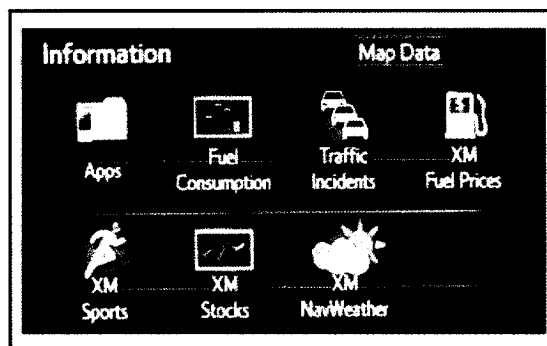
8. Press the *INFO APPS* button on the navigation head unit.

Figure 4.



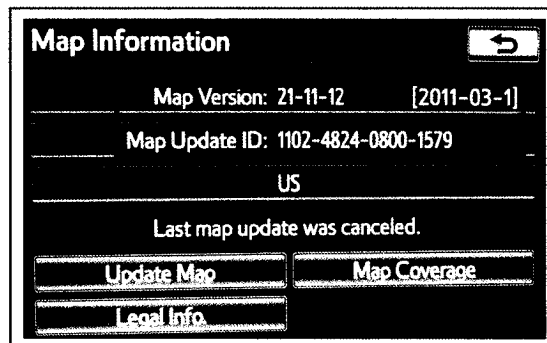
9. Press the *Map Data* button on the navigation screen.

Figure 5.



10. Record the *Map Version* and *Map Update ID* from the navigation screen.

Figure 6.



## Premium HDD Navigation Map Update Process (AVN/AW-EMV)

### On-vehicle Data Navigation Update (Continued)

11. Enter navigation data into the *Navigation Update Wizard* form.

- A. Select the correct USB part number (found on the SST packaging, starts with "TOYD").
- B. Input the *Map Update ID* into TIS.
- C. Input the *Map Version* into TIS.
- D. Enter the *VIN*.
- E. Enter the *Repair Order Number*.
- F. Click on the *Submit* button.

Figure 7.

The screenshot shows the 'Navigation Update Wizard' form. It contains the following fields and values: Dealer Code: 5070, Technician Name: Alex Tebb, Navigation Manufacturer: Denso, USB Stick P/N: TOYD-HD007-12, Map Update ID: 1104W22000111, Map Version: 21-11-24 2012 21-1, VIN: JTDKN6ACN3279, and Repair Order Number: 122456. At the bottom, there are buttons for 'Back', 'Next', and 'Submit'.

12. Check off each item after confirming that it is correct. If any of the information is incorrect, click the *Back* button.

Figure 8.

The screenshot shows the 'Navigation Update Wizard' form with checkboxes for confirmation. The checkboxes are: 'You have USB Stick P/N: TOYD-HD007-12', 'You have entered Map Update ID: 1104W22000111', 'You have entered Map Version: 21-11-24 2012 21-1', and 'VIN: JTDKN6ACN3279'. All checkboxes are checked. At the bottom, there are buttons for 'Back' and 'Confirm'.

13. Click the *Confirm* button.

14. Note the License Key that was generated. (Print this page if necessary.)

Figure 9.

The screenshot shows the 'Navigation Update Wizard' form displaying the generated License Key: 18483970. It also shows the Map Update ID: 1104W22000111, Map Version: 21-11-24 2012 21-1, VIN: JTDKN6ACN3279, and Repair Order Number: 122456. At the bottom, there are buttons for 'Back' and 'Print'.

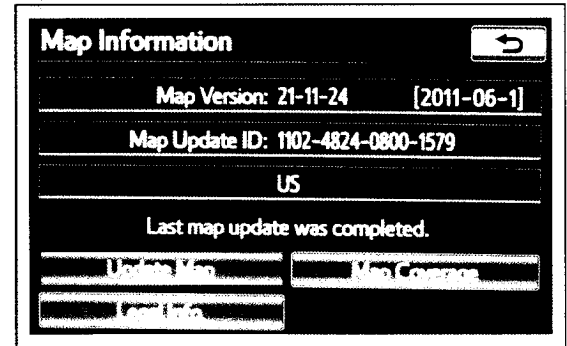
15. Insert the USB Drive SST into the USB port of the vehicle (usually located under the navigation head unit, in the center console/armrest, or glove box).

## Premium HDD Navigation Map Update Process (AVN/AW-EMV)

### On-vehicle Data Navigation Update (Continued)

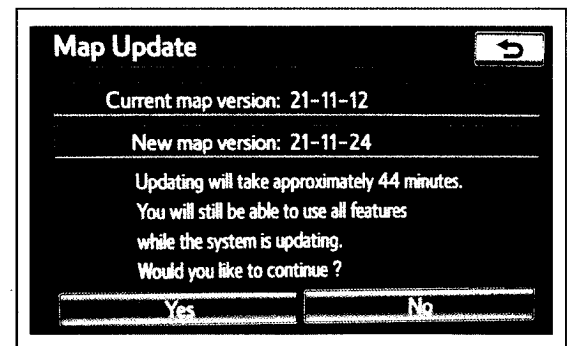
16. Click the *Update Map* button on the navigation screen.

Figure 10.



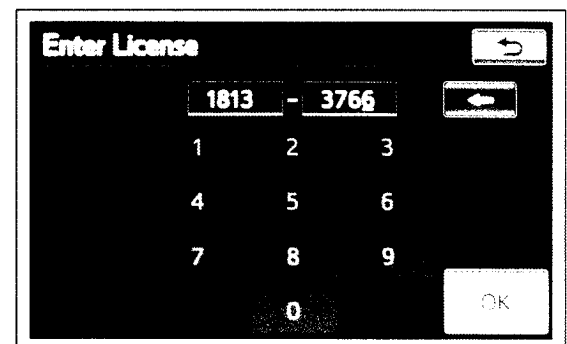
17. Click the *Yes* button on the navigation screen.

Figure 11.



18. Enter the License Key from step 14.

Figure 12.



19. Click the *OK* button on the navigation screen.

## Premium HDD Navigation Map Update Process (AVN/AW-EMV)

### On-vehicle Data Navigation Update (Continued)

20. Update Navigation Head Unit Software. Click Yes on the *Software Update* screen to accept and begin this update.

If the head unit displays the *Map Update* screen, go to step 21.

**NOTE**

Navigation Map Data will be loaded when this process completes.

Figure 13.

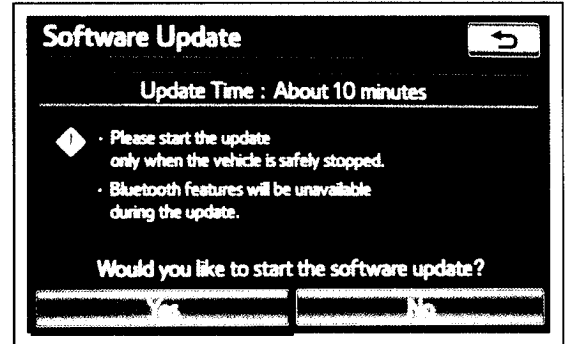


Figure 14.

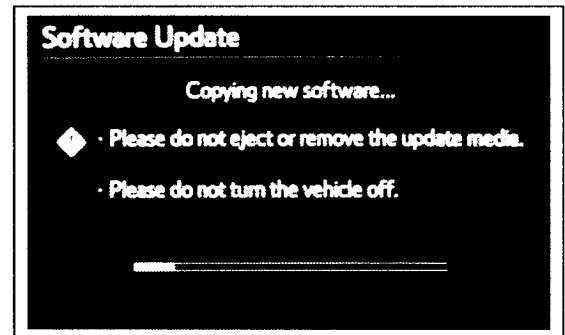
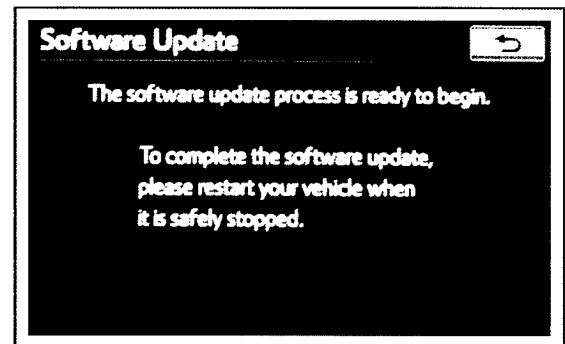


Figure 15.



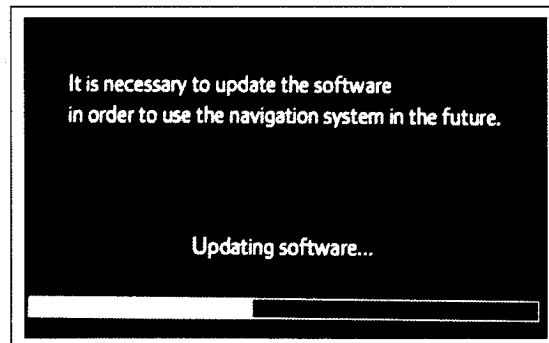
- A. Cycle ignition OFF, then ON (Ready OFF).

## Premium HDD Navigation Map Update Process (AVN/AW-EMV)

### On-vehicle Data Navigation Update (Continued)

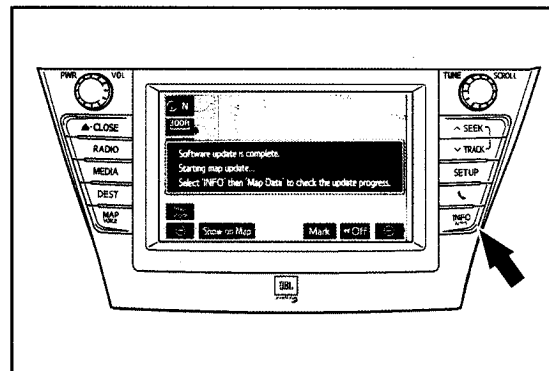
- B. Allow update to complete (approximately 10 minutes).

Figure 16.



- C. The head unit will prompt to cycle ignition. Cycle ignition OFF and then ON (Ready OFF).  
D. Press the *INFO APPS* button.

Figure 17.

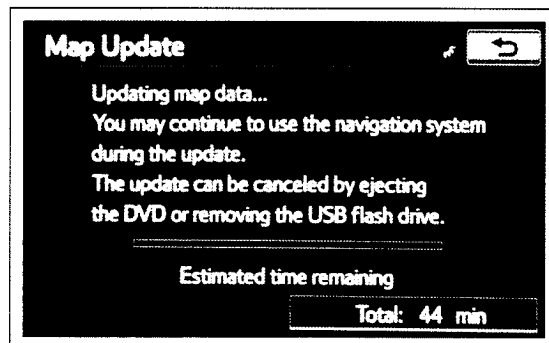


- E. Press the *Map Data* button.  
21. The Navigation Map Update will begin automatically.

**NOTE**

This process will take about 45 minutes.

Figure 18.



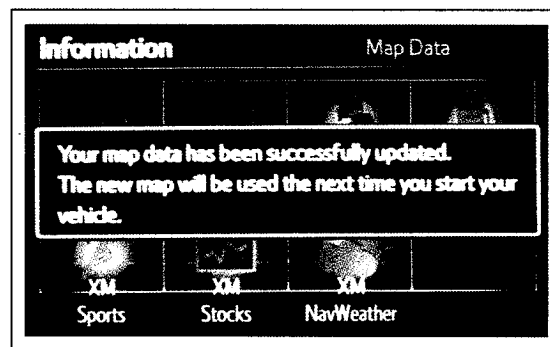


## Premium HDD Navigation Map Update Process (AVN/AW-EMV)

### On-vehicle Data Navigation Update (Continued)

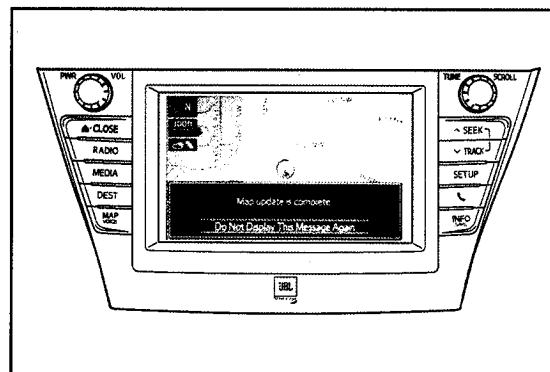
22. The new map data will be available after you cycle the ignition. Turn the ignition OFF, then ON (Ready OFF).

Figure 19.



23. Remove the USB Drive SST from the vehicle to complete the Map Update.
24. Map Update is complete.

Figure 20.



25. Verify navigation operation.