

T-SB-0007-13

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,<br>Camry, Camry HV,<br>Land Cruiser, Prius,<br>Prius PHV, Prius V,<br>Venza |                        |
| 2012    | Camry, Camry HV,<br>Prius, Prius PHV, Prius<br>V, RAV4 EV                                      |                        |

## 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.

## Parts Information

| CURRENT PART NUMBER | PART NAME                       | QTY |
|---------------------|---------------------------------|-----|
| 86271-HDD07-00      | ACN Nav Update 11 CY (pamphlet) | 1   |

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

**Parts Information (Continued)**

**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 |
|--------------------------------|---------------|-----|
| USB Drive – Navigation Update* | TOYD-HDD07-12 | 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 [T-SB-0006-13](#).

**HINT**

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

2. Log into TIS.

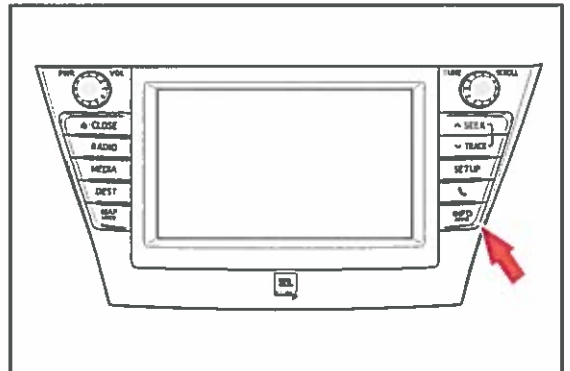


## Premium HDD Navigation Map Update Process (AVN/AW-EMV)

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

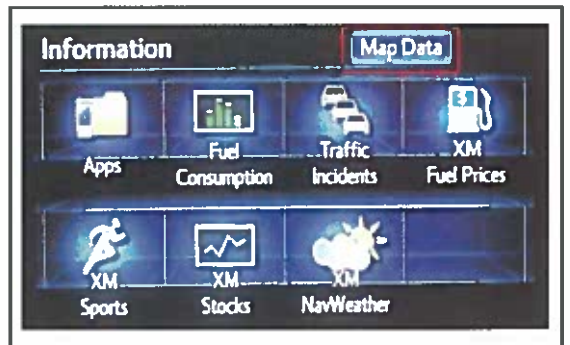
- Press the "INFO APPS" button on the navigation head unit.

Figure 4.



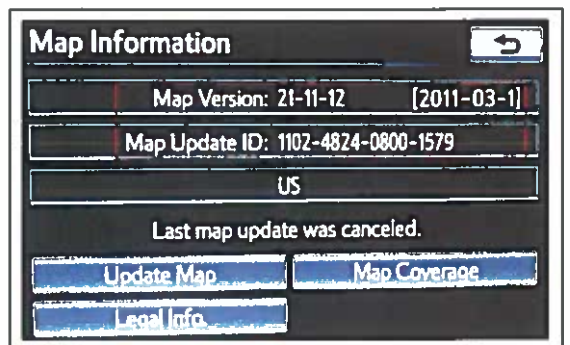
- Press the "Map Data" button on the navigation screen.

Figure 5.



- 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.
12. Check off each item after confirming that it is correct. If any of the information is incorrect, click the "Back" button.
13. Click the Confirm button.
14. Note the License Key that was generated. (Print this page if necessary).

Figure 7.

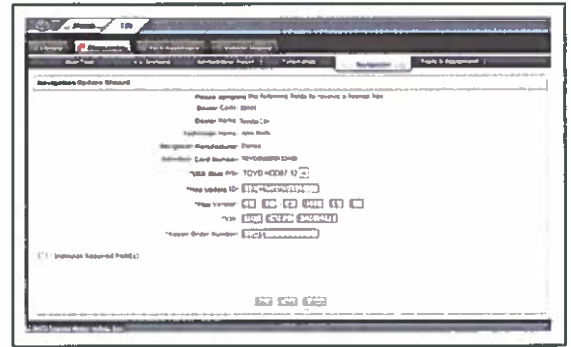


Figure 8.

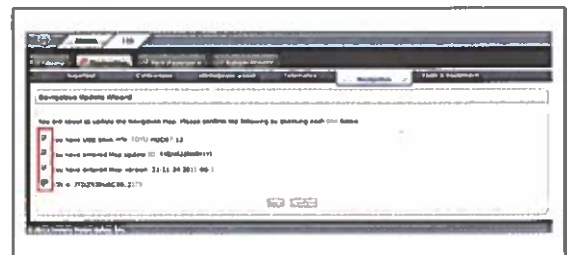


Figure 9.



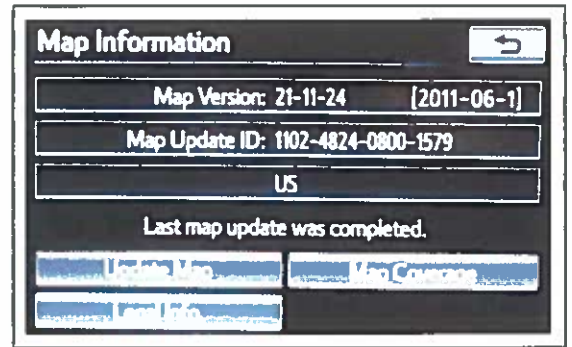
15. Insert the "USB Drive – Navigation Update" stick into the USB port of the vehicle (usually located under the navigation head unit, in the center console/armrest, or glove box).

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

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

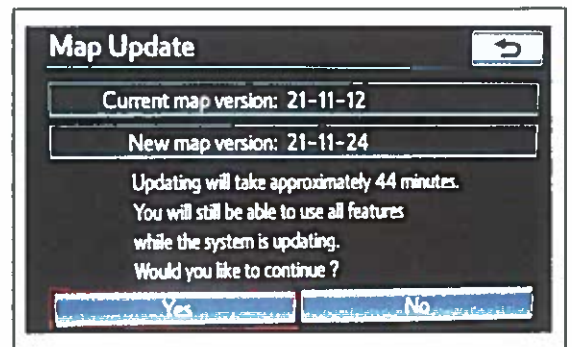
- Click the "Update Map" button on navigation screen.

Figure 10.



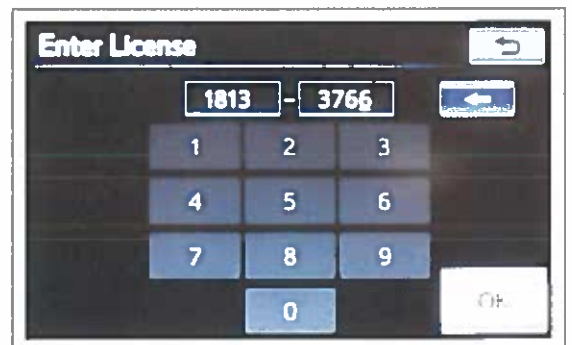
- Click the "Yes" button on the navigation screen.

Figure 11.



- Enter the License Key from step 13.

Figure 12.



- Click on 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 20.

**NOTE**

Navigation Map Data will be loaded when this process completes.

Figure 13.

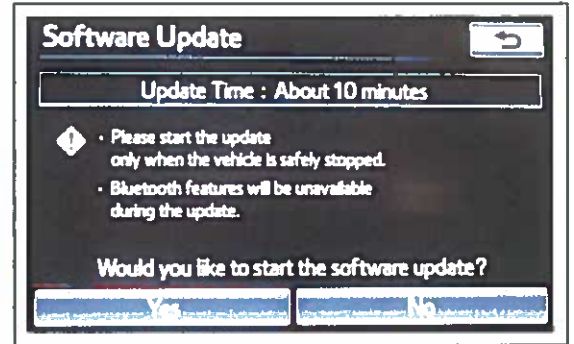
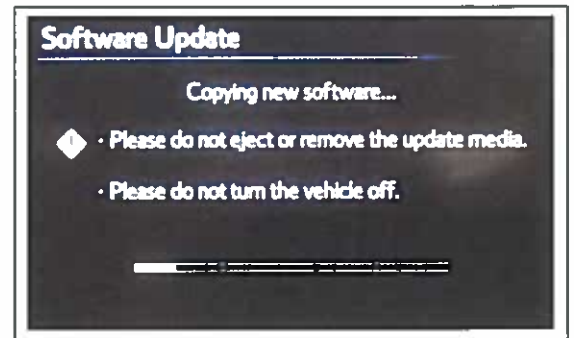


Figure 14.



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

Figure 15.

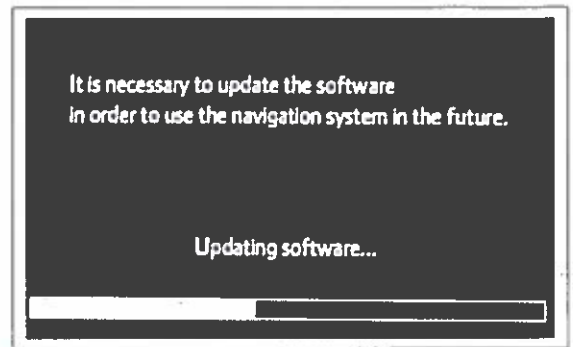


## Premium HDD Navigation Map Update Process (AVN/AW-EMV)

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

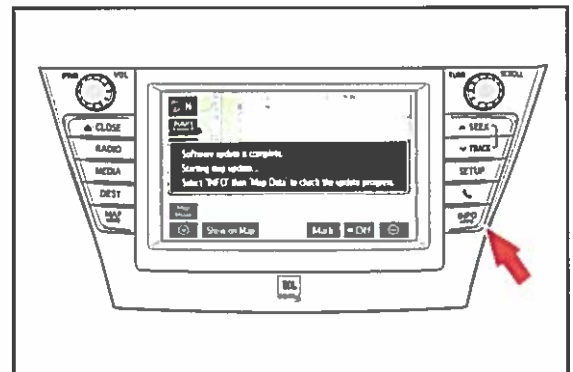
- B. Allow update to complete (approximately 10 minutes).

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.

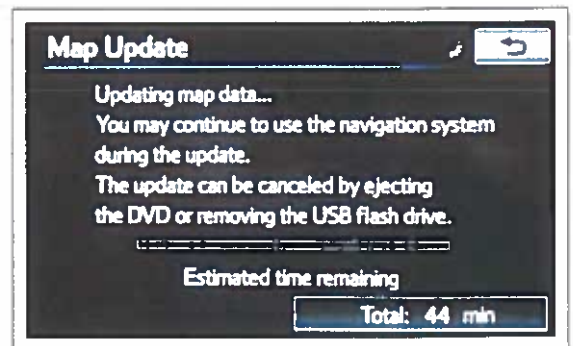


- E. Press the "Map Data" button.

- 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)

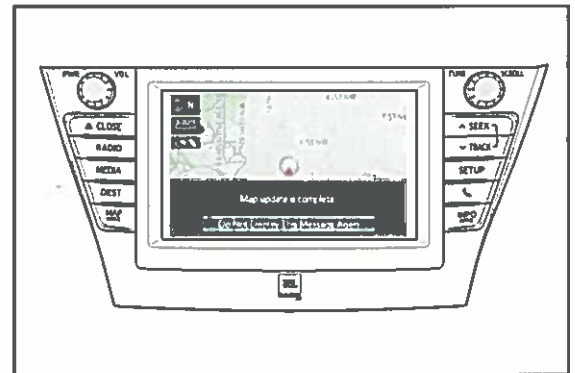
- 22. The new map data will be available after you cycle the ignition. Turn the ignition OFF, then ON (Ready OFF).

**Figure 19.**



- 23. Map Update is complete.

**Figure 20.**



- 24. Verify navigation operation.