Premium HDD Navigation Map Update Process (EMV-N)

Service Category Audio/Visual/Telematics

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

Lexus Supports ASE Certification

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2013	CT200H, ES300H, ES350, GS350, GS450H, IS F, IS250, IS250C, IS350, IS350C, LS460, LS600H, LX570, RX350, RX450H	

REVISION NOTICE

April 9, 2013 Rev1:

- **Applicability has been updated to include additional 2013 model year Lexus vehicles.**
- **Parts Information and Required Tools & Equipment sections have been updated.**

Any previous printed versions of this bulletin should be discarded.

Introduction

Lexus models equipped with the Premium HDD Navigation (EMV-N) 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.**

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Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
N/A	Not Applicable to Warranty	–	–	–	–

Parts Information

CURRENT PART NUMBER	PART NAME	QTY
PT219-HDD07-00	ACN NAV UPDTE V.12.1 (Pamphlet)	1

NOTE

Pamphlet is green, with Lexus and Denso labels on the front cover.

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Navigation Map Update-Denso*	LEXD-HDD07-12	1

* Essential SST.

NOTE

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

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Premium HDD Navigation Map Update Process (EMV-N)

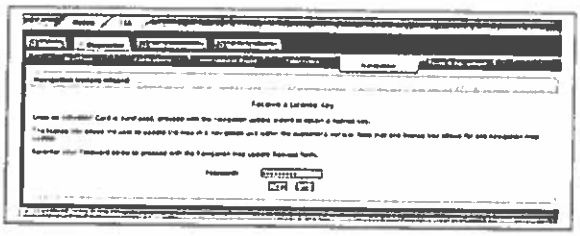
On-vehicle Data Navigation Update

1. Update Gracenote® information using L-SB-0002-13, *"'Premium HDD Navigation Gracenote Database Update Process (EMV-N)".*

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

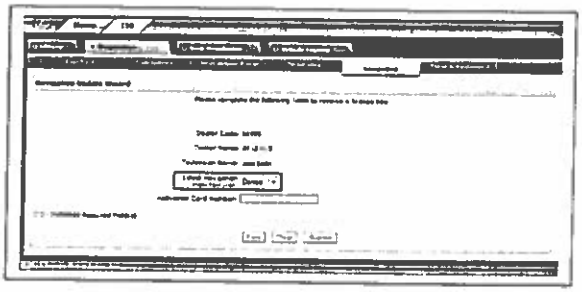
2. Log into TIS.
3. Log into Navigation Update Wizard.
   A. Click on the *TIS* tab.
   B. Click on the *Diagnostics* tab.
   C. Click on the *Navigation* tab.
   D. Re-enter your password.

Figure 1.



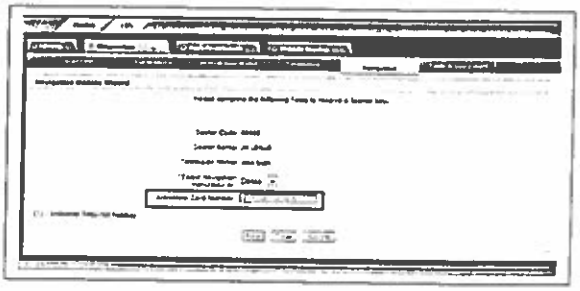
4. Select ***Denso*** from the *Select Navigation Manufacturer* dropdown.

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).

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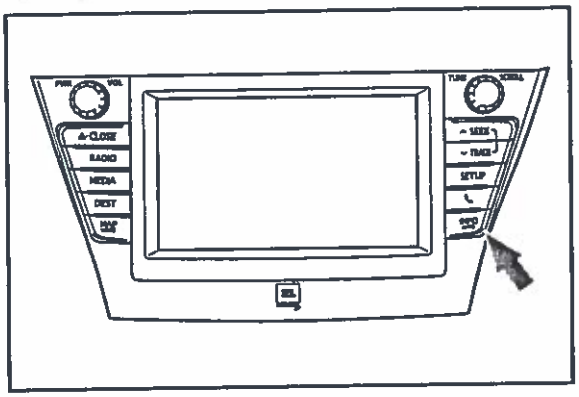
Premium HDD Navigation Map Update Process (EMV-N)

On-vehicle Data Navigation Update (Continued)

8. Please note the head unit style to determine how to get to the Map Data screen.

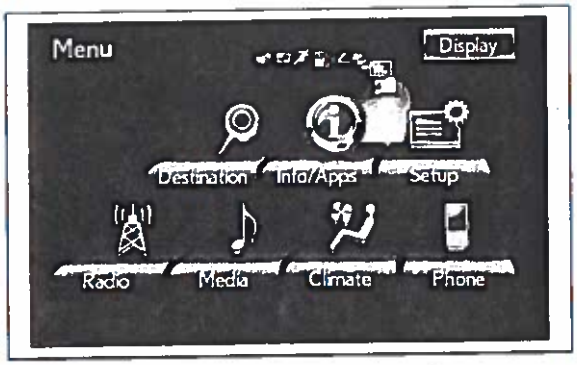
   A. Press the *INFO APPS* button on the navigation head unit.

Figure 4.



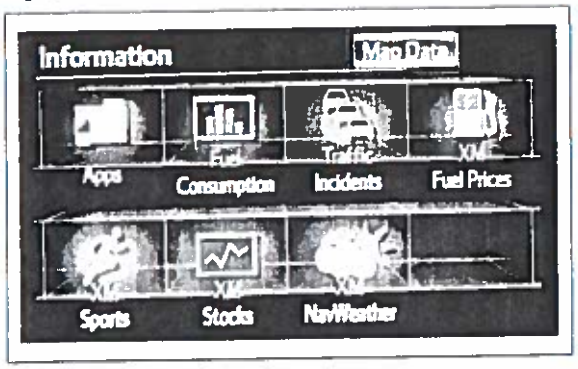
   B. Press *Menu* on the Remote Touch pad. Then select *Info/Apps*.

Figure 5.



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

Figure 6.



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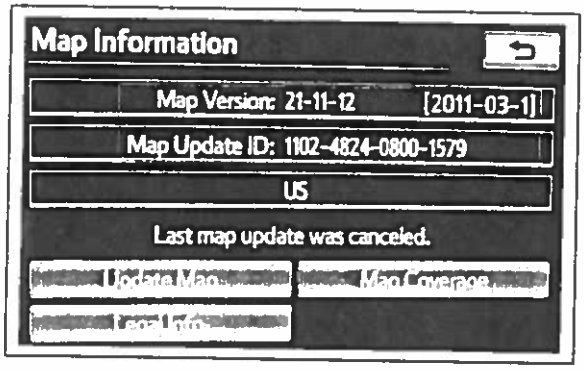
Premium HDD Navigation Map Update Process (EMV-N)

On-vehicle Data Navigation Update (Continued)

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

Figure 7.



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

    A. Select the correct USB part number (found on the SST packaging; Starts with *LEXD*).

    B. Input the *Map Update ID* into TIS.

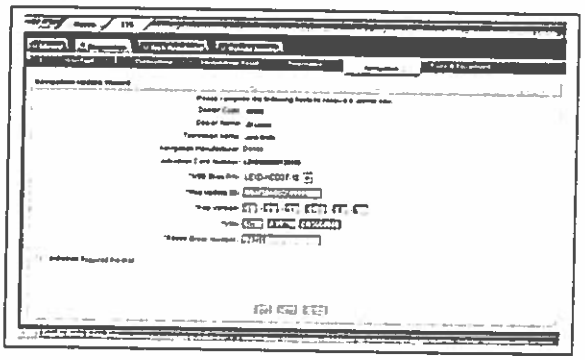
    C. Input the *Map Version* into TIS.

    D. Enter the *VIN*.

    E. Enter the *Repair Order Number*.

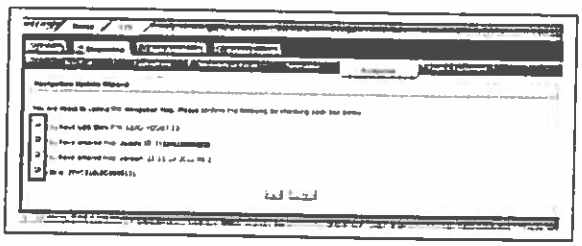
    F. Click on the *Submit* button.

Figure 8.



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

Figure 9.



13. Click the *Confirm* button.

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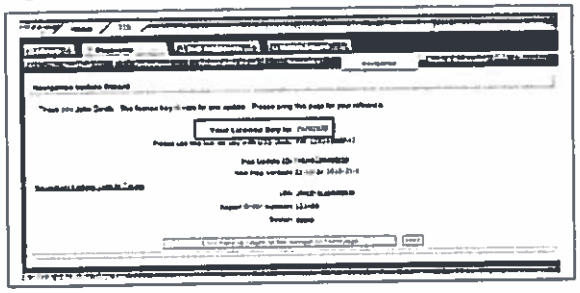
Premium HDD Navigation Map Update Process (EMV-N)

On-vehicle Data Navigation Update (Continued)

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

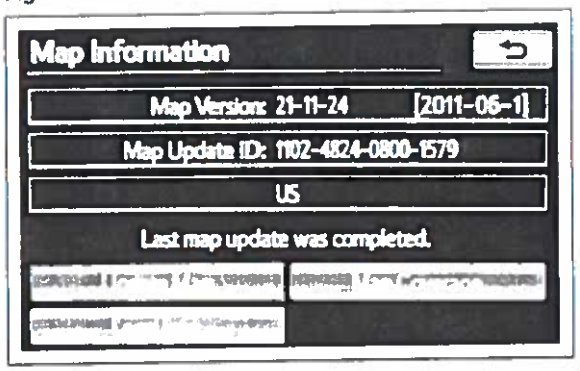
Figure 10.



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).

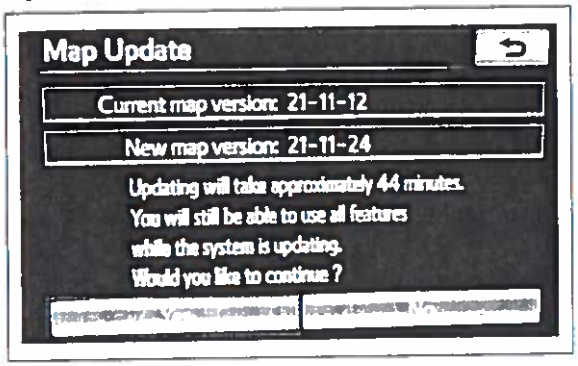
16. Click the *Update Map* button on the navigation screen.

Figure 11.



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

Figure 12.



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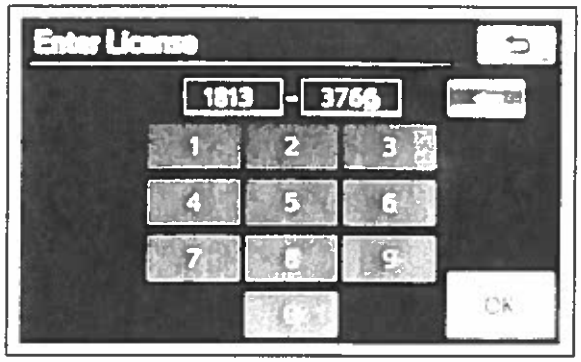
Premium HDD Navigation Map Update Process (EMV-N)

On-vehicle Data Navigation Update (Continued)

18. Enter the License Key from step 14.

Figure 13.



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

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 14.

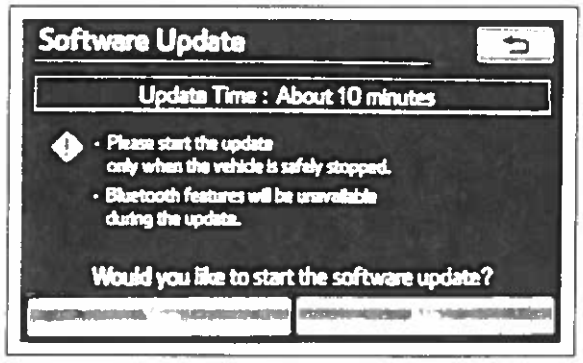
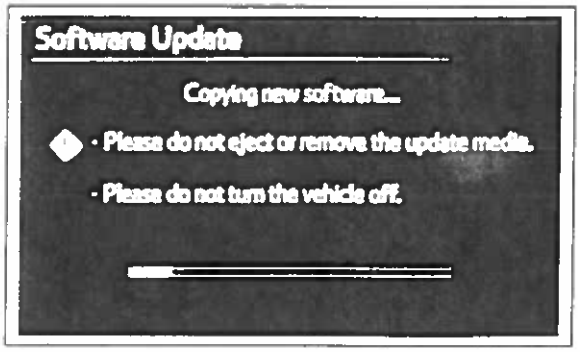


Figure 15.



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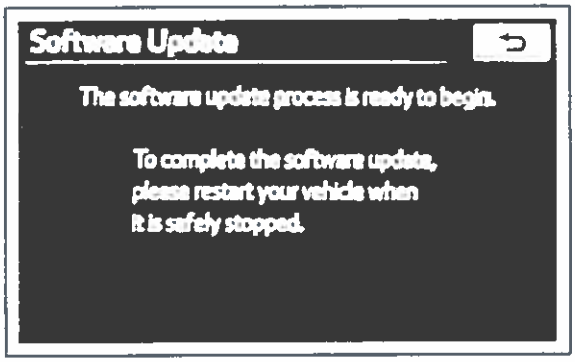
Premium HDD Navigation Map Update Process (EMV-N)

On-vehicle Data Navigation Update (Continued)

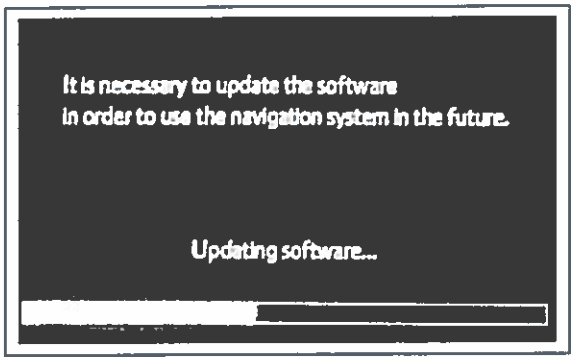
A. Cycle ignition OFF, then ON (Ready OFF).

Figure 16.



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

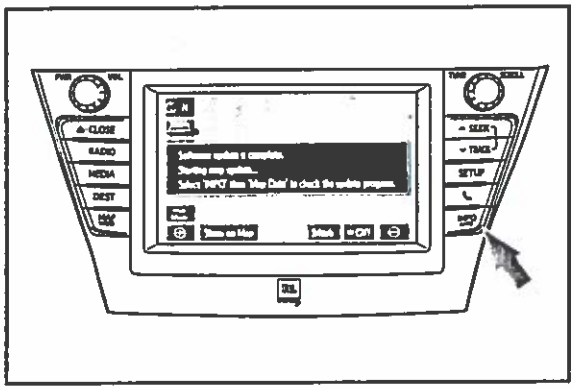
Figure 17.



C. The head unit will prompt to cycle ignition. Cycle ignition OFF and then ON (Ready OFF).

D. Press the *INFO APPS* button.

Figure 18.



E. Press the *Map Data* button.

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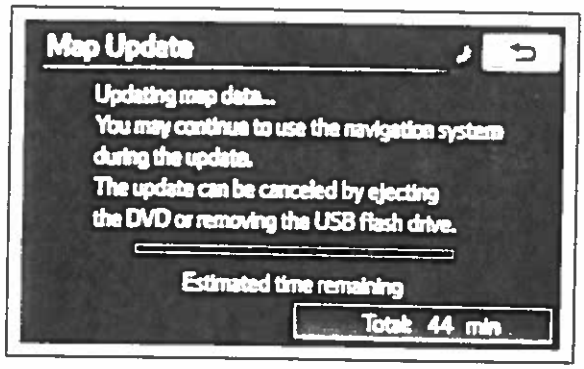
Premium HDD Navigation Map Update Process (EMV-N)

On-vehicle Data Navigation Update (Continued)

21. The Navigation Map Update will begin automatically.

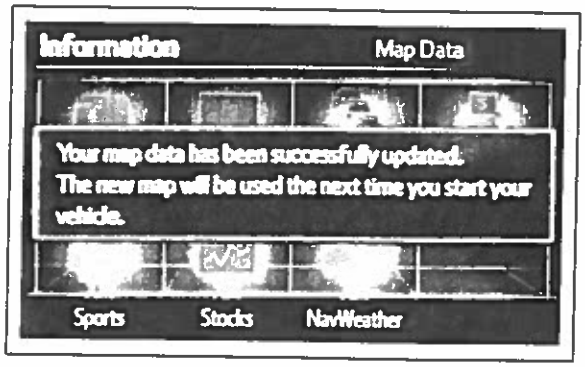
> NOTE
> **This process will take about 45 minutes.**

Figure 19.



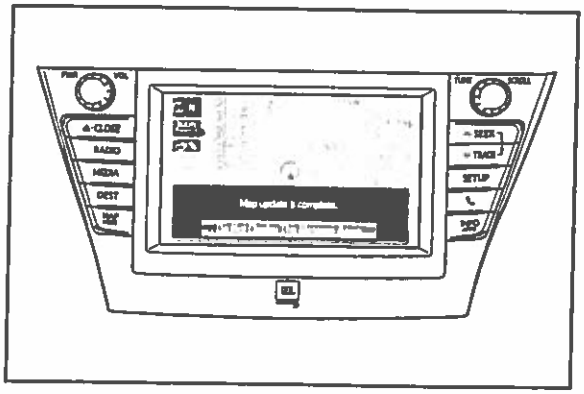
22. The new map data will be available after you cycle the ignition. Turn the ignition OFF, then ON (Ready OFF).

Figure 20.



23. Map Update is complete.

Figure 21.



24. Verify navigation operation.

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