

Service

Category Audio/Visual/Telematics

Section Navigation/Multi Info Display Market USA ASE Certification

#### Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2013	CT200H, IS250, IS350	
2013 - 2014	ES300H, ES350, GS350, GS450H, IS F, LS460, LS600H	
2013 - 2015	IS250C, IS350C, LX570, RX350, RX450H	

#### **REVISION NOTICE**

December 10, 2019 Rev2:

• The Parts Information and Required Tools & Equipment sections have been updated.

November 14, 2018 Rev1:

• The Parts Information and Required Tools & Equipment sections have been updated. Any previous printed versions of this bulletin should be discarded.

#### SUPERSESSION NOTICE

The information contained in this bulletin supersedes SB No. L-SB-0074-14.

• The Part Information and Required Tools & Equipment, and On-Vehicle Data Navigation Update sections have been updated.

Service Bulletin No. L-SB-0074-14 is obsolete and any printed versions should be discarded.

### Introduction

Lexus models equipped with the 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 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 that it can be easily found.

#### Warranty Information

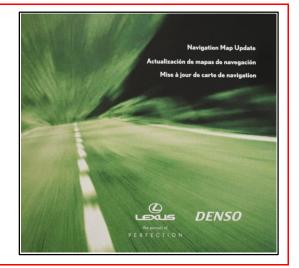
OP CODE	DESCRIPTION	TIME	OFP	T1	T2
N/A	Not Applicable to Warranty	-	_	_	_

#### **Parts Information**

PART NUMBER	PART NAME	QTY
PT219-HDD07-19	ACN NAV Update V.19.1 (Pamphlet)	1

#### NOTE

The pamphlet is green with Lexus and Denso labels on the front cover.



#### **Required Tools & Equipment**

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
USB Drive Navigation Map Update – Denso*	LEXD-HDD07-19	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 <u>L-SB-0169-17</u>, 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.

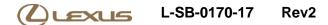
- 2. Log in to the Technical Information System (TIS).
- 3. Log in to the Navigation Update Wizard.
  - A. Click on the TIS tab.
  - B. Click on the Diagnostics tab.
  - C. Click on the Navigation tab.
  - D. Re-enter your password.
  - E. Click Login.
- 4. Select Denso from the Select Navigation Manufacturer dropdown.

#### Figure 1.



#### Figure 2.

	Please complete the following fields to receive a license key
	Dealer Code: 60905
	Dealer Name: JM LEXUS
	Technician Name: John Smith
	*Select Navigation Denso Manufacturer:
*Activ	vation Card Number:
(*) - Indicates Required Field(s)	
	Back Clear Submit



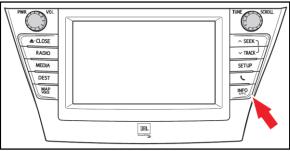
### **On-Vehicle Data Navigation Update (continued)**

5. Enter the activation card number from the inside of the pamphlet.

Navigation Update Wizard	
	Please complete the following fields to receive a license key
	Dealer Code: 60905
	Dealer Name: JM LEXUS
	Technician Name: John Smith
	*Select Navigation Denso Manufacturer:
	*Activation Card Number: LEXD0008023456
(*) - Indicates Required Field(s)	
	Back Clear Submit

- 6. Click Submit.
- 7. Press the Engine Start Stop switch two times with the brake pedal released to cycle the ignition to the ON position (Engine/Hybrid system OFF).
- 8. 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.





B. Press Menu on the remote touchpad, then select Info/Apps.







### **On-Vehicle Data Navigation Update (continued)**

9. Select Map Data on the navigation screen.





10. Record the map version and map update ID from the navigation screen.

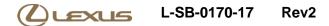
#### Figure 7.

Map Information	
Map Version: 2	1-11-12 [2011-03-1]
Map Update ID: 11	102-4824-0800-1579
	IS
Last map update	e was canceled.
Update Map	Map Coverage
Legal Info.	

- 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 (without hyphens).
  - C. Input the map version into TIS.
  - D. Enter the VIN.
  - E. Enter the repair order number.
  - F. Click Submit.

#### Figure 8.

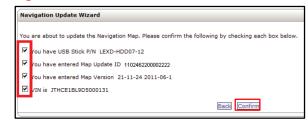
Navigation Update Wizard	
	Please complete the following fields to receive a license key
	Dealer Code: 60905
	Dealer Name: JM Lexus
	Technician Name: John Smith
	Navigation Manufacturer: Denso
	Activation Card Number: LEXD000000123456
	*USB Stick P/N: LEXD-HDD07-12
	*Map Update ID: 1102462200002222
	*Map Version: 21 -11 -24 2011 -06 -1
	*VIN: JTH CE1BL 9D5000131
	*Repair Order Number: 123456
(*) - Indicates Required Field(s)	
	Back Clear Submit



### **On-Vehicle Data Navigation Update (continued)**

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 Confirm.
- 14. Note the license key that is generated. (Print this page if necessary.)

Navigation Update Wizard	
Thank you John Smith. This license k	ey is valid for one update. Please pring this page for your reference.
	Your License Key is: 20202020
Ple	ase use this license key with USB Stick: P/N - LEXD-HD007-12
	Map Update ID: 1102462200002222
	New Map Version: 21-11-24 2012-21-1
Navigation Update Vehicle Details	
	VIN: JTHCE1BL9D5000131
	Repair Order Number: 123456
	Dealer: 60905
r	Click here to return to the Navigation homepage 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).
- 16. Select Update Map on the navigation screen.

#### Figure 11.

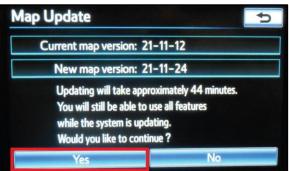


18. Enter the license key from step 14.

# **On-Vehicle Data Navigation Update (continued)**

17. Select Yes.

### Figure 12.

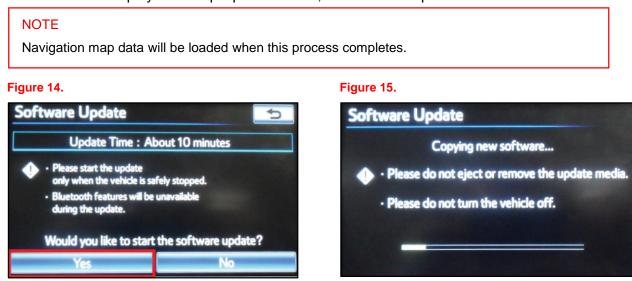


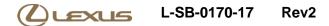
### Figure 13.

Enter License 🕤					
	1813	3 - 37	766	-	
	1	2	3		
	4	5	6		
	7	8	9		
		0		ОК	

- 19. Select Ok.
- 20. Update the navigation head unit software. Select Yes on the Software Update screen to accept and begin this update.

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





### **On-Vehicle Data Navigation Update (continued)**

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

# Figure 16.



B. Allow the update to complete.

#### NOTE

This process will take approximately 10 minutes.

Fig	ure 17.
	It is necessary to update the software in order to use the navigation system in the future.
	Updating software

- C. The head unit will prompt to cycle ignition. Cycle ignition OFF and then ON (Ready OFF/Engine OFF).
- D. Press the Info Apps button.



PWR VOL	C N CSTNW CSTNW 10000 PSTNW	TUNE SCROLL
RADIO MEDIA DEST	Software update is complete. Starting may update Select TNFO' then 'Map Data' to check the update progress.	
MAP	Mark Mark #Off O	INFO
	UBL	

E. Select Map Data on the navigation screen

# **On-Vehicle Data Navigation Update (continued)**

21. The navigation map update will begin automatically.

#### NOTE

This process will take approximately 45 minutes.

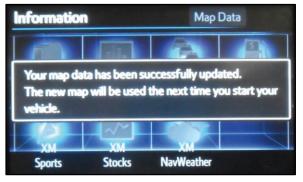
22. The NEW map data will be available AFTER the ignition is cycled. Cycle

ignition OFF, then ON (Ready

OFF/Engine OFF).

Figure 19. Map Update 
Updating map data... You may continue to use the navigation system during the update. The update can be canceled by ejecting the DVD or removing the USB flash drive. Estimated time remaining Total: 44 min

#### Figure 20.



- 23. Remove the USB drive SST from the vehicle to complete the map update.
- 24. The map update is complete.

#### Figure 21.



25. Verify navigation operation.