L-SB-0075-14

October 1, 2014



HDD Navigation CDDB Update Process

Service

Category Audio/Visual/Telematics

Section Navigation/Multi Info Display Market USA



Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION	
2007 – 2009	LS460		
2008 – 2009	LS600H, LX570		

SUPERSESSION NOTICE

The information contained in this bulletin supersedes SB No. L-SB-0182-09.

• The Required Tools & Equipment and the Version Verification sections have been updated.

Service Bulletin No. L-SB-0182-09 is Obsolete and any printed versions should be discarded. Be sure to review the entire content of this bulletin before proceeding.

Introduction

Some 2007 – 2009 model year Lexus vehicles equipped with a Hard Disk Drive (HDD) Navigation System contain a jukebox feature that allows up to 2000 audio recordings to be transferred from their original CD media to the HDD on-board the vehicle. Detailed information about the audio recordings is attached to each track at the time of transfer. When each audio track is presented on the touch screen, informational details including Genre, Artist, Album, and Title are presented. This detailed track information is stored on the HDD in the Compact Disc Database (CDDB).

CDDB data updates will be released quarterly through TIS and can be uploaded to the vehicle using the Navigation Update Tool and Navigation Programs Installer software. CDDB data only needs to be loaded onto the Navigation Update Tool once per quarterly release. Vehicle CDDB updates are performed using the Navigation Update Tool.

Follow the procedures listed in this bulletin to:

- Determine the current version of the CDDB data on the vehicle and installed on the Navigation Update Tool.
- Load the latest CDDB data onto the Navigation Update Tool.
- · Connect the Navigation Update Tool to the vehicle and update the vehicle to the latest release.
- Update the CDDB data for any audio tracks transferred to the vehicle for which CDDB data was not previously available.

Warranty Information

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

Service Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
CDDBUD	CDDB Update	0.2	-	-	-

SERVICE APPLICABILITY

This service will be provided under the Lexus Courtesy Maintenance program for 48 months, unlimited mileage. Each update may only be performed once per quarter per vehicle. Please refer to the Lexus Service & Parts Operations Communications (SPOC) bulletin "2007-18: Compact Disc Data Base (CDDB) Updates."

Required Tools & Equipment

REQUIRED EQUIPMENT		QTY	
PC with Windows $^{\otimes}$ XP, Windows $^{\otimes}$ 7, or Windows $^{\otimes}$ 8 (Operating System	1	
SPECIAL SERVICE TOOLS (SST)	PART NUMBE	ER	QTY
Navigation Update Tool Kit*	95079-00003	-KIT	1
GR8 Battery Diagnostic Station*	00002-MCG	R8	1

* Essential SST.

Version Verification

NOTE

- In order to perform the procedures outlined in this bulletin, you MUST have completed the setup procedure in Service Bulletin No. <u>L-SB-0072-14</u>, "HDD Navigation Program Setup."
- Before performing this procedure, disconnect all other USB peripheral and external storage devices (i.e., USB thumb drives, hard drives, cameras, mice, etc.).
- For additional details, refer to the applicable Navigation Update Tool Operating Manual on the Technical Information System (TIS): Diagnostics – Tools & Equipment – Navigation – Reference Documents.
 - Windows 7/8 Navigation Update Tool Operating Manual
 - Windows XP Navigation Update Tool Operating Manual

Before performing a CDDB update, confirm that the Navigation Update Tool and/or the vehicle's Navigation System are NOT up-to-date.



Checking for Current CDDB Version on Navigation Update Tool

1. Open the Navigation Programs Installer.

NOTE

- When properly installed, the Navigation Programs Installer icon will be found on the Techstream desktop.
- If the application is NOT properly installed, refer to Service Bulletin No. <u>L-SB-0072-14</u>, "HDD Navigation Program Setup."



Figure 2.

2. Click Version Check on the Navigation Update Tool Main Menu.

Que	EXUS
Navigation Main	Update Tool Menu
Versi	on 0.05
Load Key File	Load Map Data
Load CDDB Data	Load Navigation Unit Update
Setup (Version Check
	Close



L-SB-0075-14

HDD Navigation CDDB Update Process

Checking for Current CDDB Version on Navigation Update Tool (Continued)

- 3. Connect the Navigation Update Tool.
 - A. Make sure the USB cable is secured in both the PC and the Navigation Update Tool USB ports.
 - B. Confirm that the Navigation Update Tool is powered correctly.
 - C. Turn power ON.
 - D. Click Continue.

Figure 3.



- 2 To A/C Power
- 4. Compare the CDDB version with the CDDB version shown on TIS.

NOTE

- If the CDDB version on the Navigation Update Tool is the same as shown on TIS, then go to the "Vehicle Load" section in this bulletin.
- If the CDDB version on the Navigation Update Tool is NOT the same as shown on TIS, then go to the "Tool Load" section in this bulletin.

Figure 4.

Version Check ent versions of all Navigation Update Tool processes a vm below. meration 5 Map Version 06.05.14 Loaded keys 0 CDDB Version 469 Navigation Program VN_L_US 3106	١	ersion Check	200
ent versions of all Navigation Update Tool processes a wn below. Interation 5 Map Version 06.05.14 Loaded keys 00 CDDB Version 469 Navigation Program VN_L_US 3106	١	ersion Check	
neration 5 Map Version 06.05.14 Loaded keys 0 CDDB Version 469 Navigation Program VN_L_US 3106	irrent versions of all Na iown below.	vigation Update Too	N processes ar
Loaded keys C CDB Version 469 Navigation Program VN_L_US 3106	eneration 5		00 05 14
CDDB Version 469 Navigation Program VN_L_US 3106	Loaded keys		03.05.14
Navigation Program VN_L_US 3106	CDDB Version		469
VN_L_US 3106	Navigation Program		
		VN_L_US	3106

3. Press the MENU button.

Checking CDDB Version on Vehicle HDD Navigation System

- 1. Press the "ENGINE START STOP" switch two times with the brake pedal released to cycle the ignition to the ON mode (Engine/Hybrid system OFF).
- 2. From the multi-information display, select / Agree. Figure 5.

A CA	UTION		
Drive so	fely and obey t	raffic rules.	
Watchin	g this screen w	hile the vehicle	e is
in motic	n can lead to a	serious accide	int.
Some m	ap data may be	incorrect.	
Read so	fety instructions	s in Navigation	Manual.
		-	
English	Français	Español	Agree

Figure 6.



4. From the multi-information display, select HDD Data.





Checking CDDB Version on Vehicle HDD Navigation System (Continued)

5. Compare the CDDB version on the Navigation System to that on the Navigation Update Tool.

NOTE

- If the CDDB version on the vehicle is the same as shown on the Navigation Update Tool, then the vehicle does NOT need the update.
- If the CDDB version on the vehicle is NOT the same as shown on the Navigation Update Tool, then go to the "Vehicle Load" section in this bulletin.

Figure 8.



Tool Load

Loading CDDB Data onto Navigation Update Tool

NOTE

There are two separate processes used to update the CDDB data on the vehicle:

- Loading the CDDB data onto the Navigation Update Tool.
- · Loading the CDDB data into the vehicle HDD Navigation System.

If the CDDB version on the Navigation Update Tool is the same as shown on TIS, then go to the "Vehicle Load" section in this bulletin.

If the CDDB version on the Navigation Update Tool is NOT the same as shown on TIS, then follow the instructions below.

NOTE

- In order to perform the following procedure, the PC being used MUST be in Administrator Mode. Software will NOT complete CDDB download if this is not met.
- Before performing this procedure, disconnect all other USB peripheral and external storage devices (i.e., USB thumb drives, hard drives, cameras, mice, etc.).
- 1. Log into TIS.
- 2. Download the CDDB data file.
 - A. Click on the TIS tab.
 - B. Click on the Diagnostics tab.
 - C. Click on the Tools & Equipment tab.



Tool Load (Continued)

- D. Click on the Navigation tab under Tools.
- E. Click on CDDB Data under Available Software Updates.
- 3. Click Open to begin the download.

Figure 9.

NOTE

The file is large and may take up to 10 minutes to download.

Name: cddb_469.cddb
Type: CDDB Data File, 359 MB
From: tis.toyota.com
Open Save Cancel
sk before opening this type of file
nile files from the Internet can be useful, some files can potentially

- 4. Connect the Navigation Update Tool.
 - A. Make sure the USB cable is secured in both the PC and the Navigation Update Tool USB ports.
 - B. Confirm that the Navigation Update Tool is powered correctly.
 - C. Turn the power ON.
 - D. Click Continue.

CDDB data will decompress before it is copied onto the Navigation Update Tool.

Figure 10.

2

To A/C Power

-	Load CDDB Data
LL	USB Devices must be removed before starting.
iscor	nect Navigation Update Tool, if previously connected.
lecon	nect ONLY Navigation Update Tool.
ช	Cancel Continue

Tool Load (Continued)

Navigation Programs Installer	_
Load CDDB Da	ta
CDDB data is decompressing. Do not turn off PC Navigation Update Tool.	
CDDB data is decompressing. Do not turn off PC Navigation Update Tool.	

Required time: Approx. 30 seconds

Verify the correct version of CDDB data to load onto the Navigation Update Tool.

Figure 12.

	Load CDDB Data	
Ci	rrent CDDB Versio	n(s)
Generation No.	CDDB Version	Status
05	469	Not Loaded
Pres Press	s Continue to Load CDDE Cancel to keep current v	Data. ersions.

Tool Load (Continued)

6. Click *Continue* to load CDDB data onto the Navigation Update Tool.

CDDB data will then copy to the Navigation Update Tool (requires about 5 minutes).

Navigation	Programs Installer	
	Load CE	DDB Data
Preparin The follo	g to install CDDB Data on wing CDDB Data file will	to the Navigation Update Too be loaded:
	Generation No.	CDDB Version
	05	469
	Press Continue t	to Load CDOB Data
	Press Continue t	to Load CDDB Data





Figure 15

HDD Navigation CDDB Update Process

Tool Load (Continued)

 Verify the CDDB data is loaded onto the Navigation Update Tool and can now be used to update the vehicle.

vigation	Programs Installer
	Load CDDB Data
CDDB Da	ata uploaded to the Navigation Update Tool successfully igation Update Tool is ready to update vehicle.
Press Co	ontinue to return to Main Menu.
	Continue

Vehicle Load

Loading CDDB Data onto Vehicle HDD Navigation System

NOTE

- Prior to connecting to the vehicle, you MUST disconnect the Navigation Update Tool from the PC.
- Connect the GR8 Battery Diagnostic Station to the vehicle prior to beginning the process to ensure constant battery voltage.

Vehicle Load (Continued)

- 1. Connect the Navigation Update Tool to the vehicle.
 - A. Make sure the IEEE 1394 cable is secured in both the Navigation Update Tool and the vehicle connector.
 - B. Confirm the Navigation Update Tool is powered correctly.
 - C. Turn power ON.



1	Navigation Update Tool	
2	To A/C Adapter Power Supply	
3	IEEE 1394 Vehicle Exchange Cable	
4	To Vehicle-Side Connection Point	

- 2. Press the "ENGINE START STOP" switch two times with the brake pedal released to cycle the ignition to the ON mode (Engine/Hybrid system OFF).
- 3. From the multi-information display, select / Agree.

Figure 17.



Vehicle Load (Continued)

4. Press the MENU button.

Figure 18.



5. From the multi-information display, select *HDD Data.*





6. Select CDDB Update.

Figure 20.



8. Allow CDDB data to copy (requires about

HDD Navigation CDDB Update Process

Vehicle Load (Continued)

7. Select I Agree.

5 minutes).

9. Select OK.

Figure 21.



Figure 22.



Figure 23.

CDDB Update
Data has successfully updated. Press "OK" to continue.
ОК

10. Disconnect the Navigation Update Tool from the vehicle.



Update Music

Updating Music Data AFTER CDDB Data Installation

After a successful CDDB update, some albums may still display without the updated information. These albums will need to be manually updated using the following procedure.

1. Press the DISC AUX button.



2. Select ALBUM LIST.

Figure 25.

HDD	TRACK 2 0'08" (LIST
ALBUM 16:00 De	ic 30 2000
TRACK Trock02	
TISK ALBUM	
00	
SOUND DSP	- RPT KAND SCAN

Update Music (Continued)

3. Select MANAGE ALBUMS after selecting desired Figure 26. album to update.

HINT

Only albums without a name label need to be updated.



4. Select Edit Current Album.

Figure 27.

Figure 28.



5. Select Search For Track Info.

Notice that selected album shows up as a Time and a Date.

HDDEdit Album	5
Current:16:00 Dec 30 2000	-
Change Alburn Name	
Edit Track Information	
Delete Tracks	
Search For Track Info	



Update Music (Continued)

6. Once the HDD CD Title Confirmation screen appears, select OK.

NOTE

If album information still displays a time and a date as the album title, then the CD was released after the current data was updated. Figure 29.



7. Allow data to update.

Figure 30.

Figure 31.

	DCD Title Confirmation Up In The Attic
ARTIST	Alien Ant Form EDITING DATA
54	OK Cancel

8. Press the back arrow.

Notice the selected album now has a title.

HDDEdit. Album		
	Change Album Name	
	Edit Track Information	
	Delete Tracks	
C	Search For Track Info	-

Update Music (Continued)

9. Verify the updated album information is now in the Figure 32. HDD ALBUM list.

	What I Feel is Mine	
ALBUM	1Best Of The Do	4Stripped
TRACK	20ld School Love	5Up In The Attic
Cust C	3Standing In Line	