HDD Navigation CDDDB Update Process

Service Category: Audio/Visual/Telematics

Section: Navigation/Multi Info Display

Market: USA

Applicability

<table>
<thead>
<tr>
<th>YEAR(S)</th>
<th>MODEL(S)</th>
<th>ADDITIONAL INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007 – 2009</td>
<td>LS460</td>
<td></td>
</tr>
<tr>
<td>2008 – 2009</td>
<td>LS600H, LX570</td>
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</table>

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Service Bulletin No. L-SB-0182-09 is Obsolete and any printed versions should be discarded.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 (CDDDB).

CDDDB 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. CDDDB data only needs to be loaded onto the Navigation Update Tool once per quarterly release. Vehicle CDDDB updates are performed using the Navigation Update Tool.

Follow the procedures listed in this bulletin to:

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

Warranty Information

<table>
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<tr>
<th>OP CODE</th>
<th>DESCRIPTION</th>
<th>TIME</th>
<th>OFP</th>
<th>T1</th>
<th>T2</th>
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<tr>
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<td>Not Applicable to Warranty</td>
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Service Information

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<tr>
<th>OP CODE</th>
<th>DESCRIPTION</th>
<th>TIME</th>
<th>OFP</th>
<th>T1</th>
<th>T2</th>
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<tbody>
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<td>CDDBUD</td>
<td>CDDB Update</td>
<td>0.2</td>
<td>–</td>
<td>–</td>
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</table>

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

<table>
<thead>
<tr>
<th>REQUIRED EQUIPMENT</th>
<th>QTY</th>
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<table>
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<th>SPECIAL SERVICE TOOLS (SST)</th>
<th>PART NUMBER</th>
<th>QTY</th>
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<tr>
<td>Navigation Update Tool Kit*</td>
<td>95079-00003-KIT</td>
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</tr>
<tr>
<td>GR8 Battery Diagnostic Station*</td>
<td>00002-MCGR8</td>
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</table>

* 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. L-SB-0072-14, "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.).


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

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HDD Navigation CDDB Update Process

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. L-SB-0072-14, "HDD Navigation Program Setup."

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

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HDD Navigation CDDDB Update Process

Checking for Current CDDDB 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.

4. Compare the CDDDB version with the CDDDB version shown on TIS.

NOTE

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

Checking CDBB 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 I Agree.

3. Press the MENU button.

4. From the multi-information display, select HDD Data.
HDD Navigation CDDB Update Process

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.

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.
HDD Navigation CDDB Update Process

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.

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


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.
HDD Navigation CDDB Update Process

Tool Load (Continued)

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

Figure 11.

Figure 12.

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HDD Navigation CDDB Update Process

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).

![Figure 13](Navigation Programs Installer.png)

![Figure 14](Navigation Programs Installer.png)
HDD Navigation CDDB Update Process

Tool Load (Continued)

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

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.

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 I Agree.

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Vehicle Load (Continued)

4. Press the **MENU** button.

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

6. Select **CDDB Update**.

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HDD Navigation CDDB Update Process

Vehicle Load (Continued)

7. Select I Agree.

8. Allow CDDB data to copy (requires about 5 minutes).

9. Select OK.

10. Disconnect the Navigation Update Tool from the vehicle.

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HDD Navigation CDDB Update Process

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.
Update Music (Continued)

3. Select \textit{MANAGE ALBUMS} after selecting desired album to update.

\textbf{HINT}

Only albums without a name label need to be updated.

4. Select \textit{Edit Current Album}.

5. Select \textit{Search For Track Info}.

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

7. Allow data to update.

8. Press the back arrow.

Notice the selected album now has a title.
Update Music (Continued)

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

![Figure 32.](image-url)