



Land Rover North America, Inc.  
Land Rover Canada

# SERVICE BULLETIN

CIRCULATION:			
Dealer Principal		Sales Guide	
Centre Manager	X	Parts Professional	
Sales Manager		Warranty Admin	X
Business Manager		Service Advisor	X
Parts Manager		Technician	X
Service Manager	X		

*Bulletin:* STE05-04  
*Section:* Tools & Equipment  
*Date:* 26 January 2005  
*Model:* ALL

*Applicable to:* USA/CDA

*Page:* 1 of 1

*Subject:* **New LR3 and Range Rover Navigation System Disc for "Bootloader" Fault**

**NOTE:** This Bulletin announces distribution of the "Land Rover L322/T5 HLDF" navigation software disc with part number "YIA500010." Retailers should ensure that only the latest discs are used.

A customer may report a concern that the navigation system will not operate and a message is displayed on the navigation screen saying "HLDF Can Bootloader waiting to start download". HLDF recovery is possible using the Multi-Media Module (MMM)/Navigation Unit (when fitted) provided that the correct recovery (software update) disc is used. **In order to recover the HLDF you must have a recovery disc - Land Rover Part Number: YIA500010.**

The following basic steps should be followed when using YIA500010 for the recovery process. The [DENSO attachment](#) to the InfoTrail bulletin posting contains additional detailed information:

1. Start the engine.
2. Move the lock/unlock button on the front of the MMM. Refer to Vehicle Owner Navigation Handbook, Navigation Introduction, Page 11 of 18.
3. Eject the Map DVD by pressing the Eject button.

**NOTE:** As HLDF recovery can take up to 45 minutes, recovery should be completed with the engine running to avoid excess battery drain.

- The battery power must NOT be allowed to fail during the HLDF recovery process.
- Do NOT attempt to use the vehicle for any other purpose during the recovery process.
- Do not remove the system disc during the recovery process.

4. Insert the HLDF recovery disc into the Multi-Media Module.

**NOTE:** A download progress bar should appear observe the navigation system screen.

5. Observe the progress status bar for five minutes to confirm that the download progresses.
6. If after five minutes the status bar fails to progress, eject the DVD and remove the ignition key for 2 minutes and restart procedure from step 4.

**NOTE:** Software update usually takes approximately 45 minutes to complete. The engine must remain running until the update is complete and the infotainment system must remain on/running throughout. The update process must be done in isolation. Wait until the progress bar has completed before continuing. **The disc will eject when the process is completed. AT THAT POINT THE DISC MUST BE REMOVED OR THE PROCESS WILL START OVER FROM THE BEGINNING.**

7. When the software update has completed successfully, the 'Home Menu' screen will be displayed.
8. Remove the HLDF recovery disc from the MMM and insert the map DVD.
9. Check that the navigation system functions correctly.

***DENSO***

**HLDF CAN BOOTLOADER  
RECOVERY  
PROCEDURE**

**November 2004**

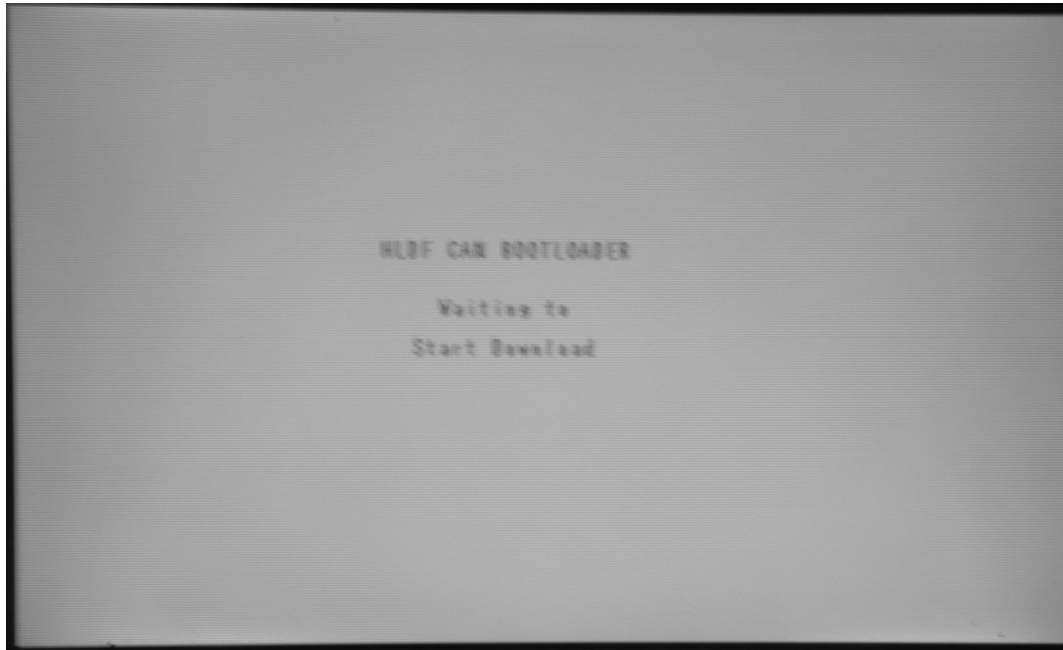
**V 1-0**

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**VEHICLES:**

**Range Rover 05MY  
Discovery 3 (LR3)**

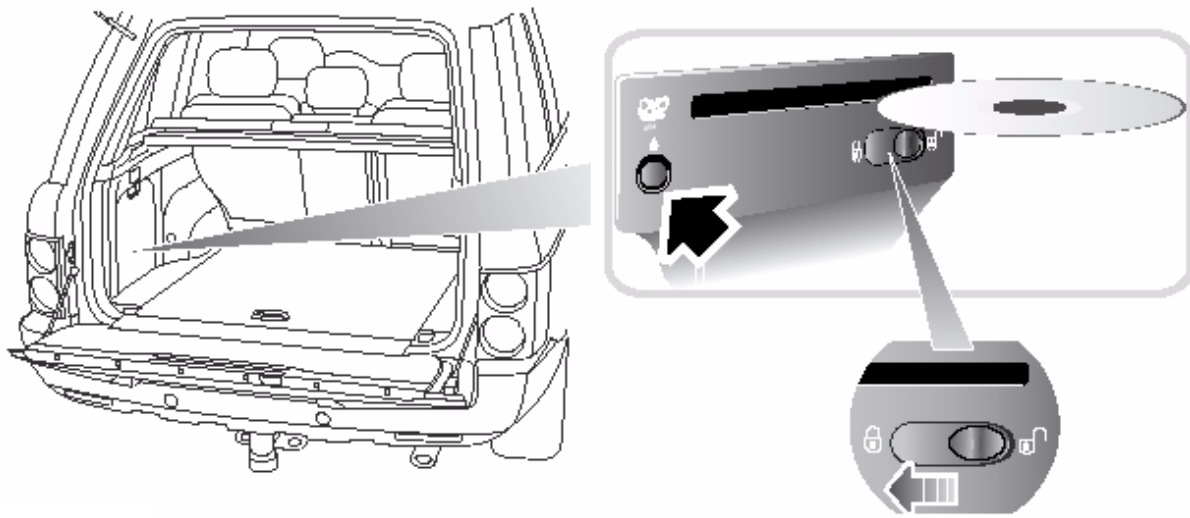
- 1 Please be absolutely sure that the screen is displaying "HLDF CAN BOOTLOADER Waiting to Start Download" as shown below.  
The text on the screen may appear faint.  
Text and screen colour can vary somewhat to that shown.  
**If it is does NOT display this message you must not continue.**



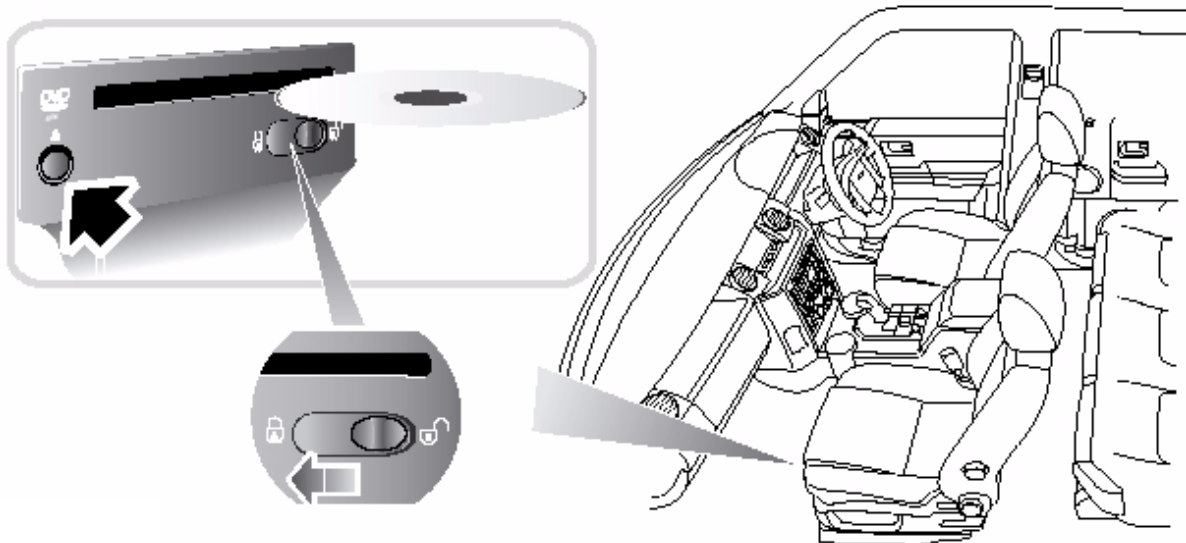
- 2 HLDF recovery is possible using the Multi-Media Module / MMM / Navigation Unit (when fitted) provided that the software update disc has been provided.  
In order to recover the HLDF you must have a recovery disc -  
Land Rover Part Number: **YIA500010**



## The location of the Multi Media Module (MMM) / Navigation Unit



*Range Rover*



*Discovery 3*

Note: On Discovery 3 vehicles fitted with electric seats, it is necessary to raise the left seat (left whilst sat in the vehicle) to its highest setting and then power the seat forward to its foremost position, before accessing the navigation DVD unit. This will also avoid any damage to the Map Disc and the System Disc.

- 3** Turn the ignition to position 'I'  
Move the lock / unlock button on the front of the Navigation Unit.  
Eject the Map DVD by pressing the Eject button

- 4 Connect Power supply to the vehicle or start engine as recovery can take up to 45 minutes. Insert the disc into the Multi-Media Module. Wait for a few minutes to confirm that the status bar progresses. If after a few minutes the status bar fails to progress, remove key for 2 minutes from the vehicle and restart procedure from step 4.



Software update usually takes approximately 45 minutes to complete **The power supply must remain on or the engine running until the update is complete (Step 5 reached) and the infotainment system must remain on / running throughout.**

The update process must be done in isolation. Do NOT attempt to use the vehicle for any other purpose during the update

Do not remove the system disc during the update.

Please wait until the progress bar has completed before you continue

- 5 Once the software update has completed successfully the Home Menu screen will be displayed:



Range Rover example

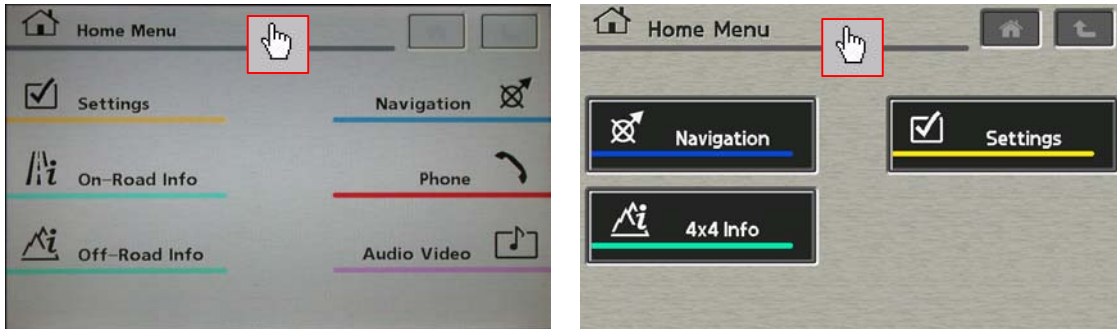


Discovery 3 (LR3) example

Remove the HLDF software update disc from the MMM and replace it with the Map DVD.

Finally, turn the key to the OFF position and wait for the infotainment system to shut down. The software update is now complete.

**6** Turn on the system. Press and hold the top centre of the screen for approx. 4 seconds and then release:



Next, press and hold the Navigation hardkey for approx. 4 seconds:



Range Rover example



Discovery 3 (LR3) example

**7** Enter the access PIN **753** followed by OK



Select 'Configurations' from the menu options to check the software levels



DO NOT tamper with any other menu items from this screen as this may result in failure of the part.

Finally, turn the key to the OFF position and wait for the infotainment system to shut down. The software update is now complete.