



TECHNICAL BULLETIN

No: LA-419-001

Issue: 1

Date: 18 Mar 2005

CIRCULATE: TO

Service Mgr
X

Warranty
X

Workshop
X

Body Shop
X

Parts
X

SECTION: LA419

Inoperative Navigation System

AFFECTED VEHICLE RANGE:

Land Rover LR3 (LA)

VIN: 5A000259 to 5A315550

CONDITION SUMMARY:

SOFTWARE ERROR PRODUCES FAULT MESSAGE

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'. This message is caused by an internal software error.

ACTION: Should a customer express concern regarding the HLDF CAN Bootloader message, refer to the Repair Procedure detailed in this bulletin.

TOOLS:

YIA500010 "Land Rover L322/T4 HLDF System Disk"
Distributed with Service Bulletin STE05-04

WARRANTY:

DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

Description	SRO	Time (Hours)	Condition Code	Causal Part
HLDF CAN bootloader recovery procedure	86.53.89/32	1.00	42	YIB500022

Normal warranty policy and procedures apply.

Material allowance is included in labor operation.

NOTE: The information in Technical Information bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers."

If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Land Rover service facility to determine whether the bulletin applies to a specific vehicle.



REPAIR PROCEDURE

UPDATE NAV SOFTWARE TO LATEST CONFIGURATION



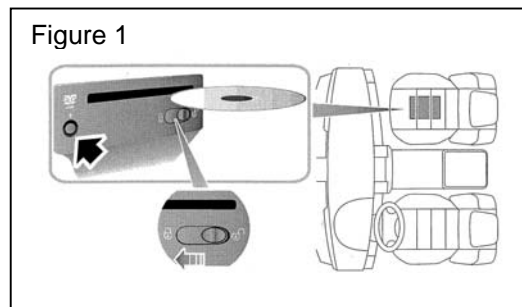
CAUTION: "HLDF CAN BOOTLOADER..." recovery is possible using the Multi-Media Module (MMM)/Navigation Unit provided that the recovery /software update disc YIA500010 is available. The " HLDF CAN BOOTLOADER Waiting to Start Download " display **MUST** be present for this procedure to be performed.



NOTE: Ensure that the screen is displaying 'HLDF CAN BOOTLOADER Waiting to Start Download' only (the text on the screen may appear faint).

1. If the NAV screen does *not* display the "BOOTLOADER" message, DISCONTINUE this procedure.
2. If the NAV screen displays the "BOOTLOADER" message, perform the following:
 - Turn the ignition to position 'I'.
 - Move the lock/unlock button on the front of the Multi-Media Module. (Figure 1)
 - Eject the Map DVD by pressing the Eject button.
 - Insert the HLDF recovery disc into the Multi-Media Module.

Figure 1



CAUTION: HLDF recovery can take up to 45 minutes. A power supply **MUST** be connected to the vehicle or the 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.
- The vehicle must not be used for any other purpose during the recovery process.
- The system disc must not be removed during the recovery process.
- The "Infotainment" system must remain on/running throughout the process.



NOTE: A download progress bar should appear on the navigation system screen. Observe the progress status bar for five minutes to confirm that it indicates download progress. The update process must be done in isolation. The progress bar must indicate that the download is completed before the disc is removed.



NOTE: In some cases, it may be necessary to remove the ignition key and restart the process several times before a successful download is completed.

3. If after five minutes the status bar fails to progress, remove the ignition key for 2 minutes and restart procedure from step 2.
4. Verify that the 'Home Menu' screen is displayed when the software update has completed successfully.
5. Remove the HLDF recovery disc from the MMM and insert the map DVD.
6. Check that the navigation system functions correctly.