



TECHNICAL BULLETIN

No: LTB00139
Issue: 1
Date: 17 July 2008

CIRCULATE TO

Service Mgr
X

Warranty
X

Workshop
X

Body Shop

Parts

SECTION: 418

Engine Idle Vibration in Park or Neutral - Repair Procedure

AFFECTED VEHICLE RANGE:

Range Rover (LM)

Normally Aspirated Only

VIN: 6A194480 - 8A293039

Model Year: 2006 - 2008

CONDITION SUMMARY:

Situation: During the engine warm-up period and intermittently when fully-warmed and the transmission in either Park (P) or Neutral (N), drivers may experience an engine idle vibration. Small changes in engine torque causes a change in ignition timing, causing the engine idle to be unstable.

Action: In the event of a customer concern of the above, follow the Repair Procedure in this bulletin to reconfigure the Engine Control Module (ECM) and Transmission Control Module (TCM).

PARTS:

No parts necessary

TOOLS:

Latest IDS DVD; software first available on DVD112 Patch File 8
Midtronics PSC-550 Vehicle Power Supply

WARRANTY:



NOTE: Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Always refer to DDW to obtain the latest repair time.

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
Reconfigure the engine control module (ECM) and transmission control module (TCM)	12.90.14	0.50	42	NNN500550

Normal warranty policy and procedures apply.

NOTE: The information in Technical 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

RECONFIGURE THE ENGINE AND TRANSMISSION CONTROL MODULES



CAUTION: A Midtronics PSC-550 Vehicle Power Supply must be connected to the vehicle battery during diagnosis.

1. Connect the Midtronics PSC-550 Vehicle Power Supply to the vehicle battery.



NOTE: IDS must be loaded with software release DVD 112 with Patch File 8 or later.

2. Connect the IDS to the vehicle and begin a new diagnostic session by entering the correct VIN for the current vehicle.
3. Follow the IDS prompts to read the vehicle configuration.
4. Select 'No' when prompted 'Do you wish to read diagnostic trouble codes?'
5. Select 'tick' to continue.
6. Select the 'Vehicle Configuration' tab when Content Model is displayed.
7. From the Vehicle Configuration menu, configure the Engine control module by selecting from the drop-down menu:
 - 'Module programming' > 'Configure existing module' > 'Petrol powertrain control module'
8. Select 'tick' to continue, following all on-screen instructions to complete this task.
 - IDS will return to the Vehicle Configuration menu when completed.
9. From the Vehicle Configuration menu, configure the Transmission control module by selecting from the drop-down menu:
 - 'Module programming' > 'Configure existing module' > 'Transmission control module'
10. Select 'tick' to continue, following all on-screen instructions to complete this task.
 - IDS will return to the Vehicle Configuration menu when completed.
11. Exit the current session.
12. Disconnect IDS and the Midtronics PSC-550 Vehicle Power Supply from the vehicle.