



TECHNICAL BULLETIN

No: LTB00197
Issue: 1
Date: 26 JAN 2009

CIRCULATE TO:

Service Mgr
X

Warranty
X

Workshop
X

Body Shop

Parts

SECTION: 303

Poor Engine Cold-Start / Stumble - Repair Procedure

AFFECTED VEHICLE RANGE:

Range Rover (LM) Supercharged *only*

VIN: 6A194480 - 6A239036

Model Year: 2006

Range Rover Sport (LS) Supercharged *only*

VIN: 6A900129 - 6A983117

Model Year: 2006

CONDITION SUMMARY:

Situation: The engine may be hard to start or stumble when cold. This may be caused by sensitive Engine control module (ECM) calibration.

Action: In the event of a customer concern of the above, refer to the Repair Procedure below to reconfigure the ECM, check the Transmission control module (TCM) software, and if necessary reconfigure the TCM.

PARTS:

No parts necessary; information only

TOOLS:

IDS with latest DVD Patch File; software first available on DVD115 Patch File 9
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 ECM and TCM	12.90.14	0.50	42	NNN500412
Reconfigure the ECM; check TCM software	12.90.89.32	0.30		

Normal warranty policy and procedures apply.

REPAIR PROCEDURE

CONFIGURE THE ENGINE CONTROL MODULE



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

1. Connect the Midtronics PSC-550 power supply to the vehicle battery.

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 this bulletin applies to a specific vehicle.



NOTE: IDS must be loaded with software release DVD 115 with Patch File 9 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. When prompted 'Do you wish to read diagnostic trouble codes?' select 'No'.
5. Select 'tick' to continue.
6. When Content Model is displayed, select the 'Vehicle Configuration' tab.
7. From the Vehicle Configuration menu, configure the ECM by selecting:
 - 'Module programming' > 'Configure existing module' > 'Petrol powertrain control module'.
8. Select 'tick' to continue, following all on-screen instructions to complete this task.
9. When completed, IDS will return to the Vehicle Configuration menu.

VERIFY TRANSMISSION CONTROL MODULE SOFTWARE; CONFIGURE IF NECESSARY

1. From the Vehicle Configuration menu, verify the TCM software by selecting:
 - 'Module programming' > 'Configure existing module' > 'Transmission control module'.
2. Select 'tick' to continue.
3. Follow all on-screen instructions until IDS displays the current and proposed software levels.
 - If 'Software update required' is displayed, select 'tick' to reconfigure the TCM.
 - If 'No update required' is displayed select 'tick', then select 'X' in the pop-up window to abort the routine: continue to step 5
4. Follow all on-screen instructions to complete this task.
 - IDS will return to the Vehicle Configuration menu when completed.
5. Exit the current session.
6. Disconnect IDS and the Midtronics PSC-550 Vehicle Power Supply from the vehicle.