

TECHNICAL SERVICE BULLETIN

No.LTB00101/2007

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Circulate to:	Service Manager	Parts Manager	Warranty Administrator	Service Reception	Technicians

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This bulletin supersedes TSB LA307-003/2006 dated 19 June 2006, which should either be destroyed or clearly marked to show it is no longer valid (e.g. with a line across the page). Only refer to the electronic version of this TSB in GTR.

Subject/Concern:	2-1 Harsh Transmission Shift
Model:	
Discovery 3 / LR3 - V8 Gasoline Only	VIN Range: 5A000360-6A402253
Range Rover (LM) - Supercharged Gasoline Only	VIN Range: 6A198058-7A263534
Range Rover Sport (LS) - Supercharged Gasoline Only	VIN Range: 5A900302-7A999999 VIN Range: 7A100000-7A119896

Markets: All
Section: 307-00

Summary	
Customer concern is:	
	<ul style="list-style-type: none"> • When the vehicle downshifts 2-1 and the throttle is re-applied, a thump is felt. • 2-1 rollout downshift - As the vehicle comes to rest, a thump is felt.
Cause:	Transmission software calibration issue. Suggested Customer Concern Code - P66.
Action:	Should a customer express concern, reconfigure the Transmission Control Module (TCM) and ensure the Engine Control Module (ECM) is on a equivalent level of software, if not, reconfigure the ECM. Follow the Service Instruction outlined below.

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.

Labor Time		
Operation Description	Operation No.	Time
Reconfigure the TCM and ECM	12.90.14	0.5 hours
Reconfigure the TCM and check ECM software	44.90.89/33	0.4 hours
Repair/Claim Coding		
Causal Part:	RCFG	
ACES Condition Code:	42	

Service Instruction

1. **This procedure requires IDS DVD109 with Patch file 5 loaded or later.**

Connect a Midtronic battery conditioner/power supply to the vehicle.

2. Connect 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' and then press 'tick' to continue.
5. When the 'Content Model' is displayed select 'Vehicle Configuration' tab.

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6. Select 'Module Programming' from the 'Vehicle Configuration' menu.
 7. From the configuration main menu select 'Special applications', then select 'Transmission Control Module Adaption Clear', and then run 'Application'.
 8. After the adaption clear has been carried out, select and run 'reconfigure existing Transmission Control Module' application from the configuration menu.
 9. Follow all on-screen instructions to complete this task.
 10. From the drop down menu select 'Engine control module'. Press 'tick' to continue.
 11. Follow all on-screen instructions until IDS displays the proposed software level to the current installed software level.
 1. If the software levels are different, carry on from step 12.
 2. If the software level is the same, click on the cross and abort the routine. Carry on from step 14.
 12. Follow all on-screen instructions to complete this task.
 13. When the task is completed, exit the current session.
 14. Disconnect IDS and the battery charger/power supply.
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