

TECHNICAL BULLETIN

LTB00548NAS2

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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.

This reissue replaces all previous versions. Please destroy all previous versions. Only refer to the electronic version of this Technical Bulletin in TOPIx.

Changes are highlighted in gray

SECTION: 413-13

Surround Camera Replacement

AFFECTED VEHICLE RANGE:

Range Rover (LG)

Model Year: 2013

VIN: DA100000-DA121929

MARKETS:

NAS

CONDITION SUMMARY:

Situation: On vehicles fitted with the surround camera system only, one or more of the surround camera images may not appear on the Touch Screen (TS) when selected. The concern may appear as a blue screen camera image for the affected camera.

Cause: This may be caused by moisture ingress in the camera.

Action: Should a customer express this concern, follow the Service Instruction outlined below.

PARTS:

LR052028	Surround camera - front bumper, mirror	Quantity: Up to 4
LR052029	Fixed rear view camera	Quantity: 1

TOOLS:



NOTE: This document is an 'Active Bulletin' that will display a functional programming shortcut if accessed within a diagnostic session using SDD.

IDS with latest IDS-DVD and Calibration File; first available on DVD134.01 v.133

Jaguar Land Rover-approved Midtronics battery power supply

Refer to Workshop Manual / Service Instruction for any required special tools

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 TOPIx to obtain the latest repair time.



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

		TIME	CONDITION	CAUSAL

DESCRIPTION	SRO	(HOURS)	CODE	PART
Front parking aid camera - Renew - Each	86.54.90	1.10	42	LR041166
Front parking aid camera - Renew - Pair	86.54.91	1.10	42	LR041166
Side parking aid camera - Renew - Each	86.54.94	0.30	42	LR041166
Side parking aid camera - Renew - Pair	86.54.95	0.50	42	LR041166
Rear parking aid camera - Renew	86.54.40	0.30	42	LR033685
Parking aid camera auto learn routine and camera calibration	86.54.89.38	0.40	42	LR041166



NOTE: Normal Warranty policies and procedures apply.

SERVICE INSTRUCTION:



CAUTION: A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during SDD diagnosis / module programming.



CAUTION: Ensure all ignition 'ON' / ignition 'OFF' requests are carried out; failure to perform these steps may cause damage to control modules in the vehicle.



NOTE: SDD must be loaded with DVD134.01 v.133 or later.



NOTE: The rear view camera is linked with the front right camera. If the rear view camera is faulty (it will permanently be displayed blue) the front right will flicker three times on initial activation, and vice versa if the front right camera is faulty. Therefore only the camera that is permanently displayed blue requires replacing. The right mirror camera is linked with the front left camera. If the right mirror camera is faulty (it will be permanently displayed blue) the front left will flicker three times on initial activation, and vice versa if the front left camera is faulty. Therefore only the camera that is permanently displayed blue requires replacing.

1. Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
2. Turn ignition 'ON' (engine not running).
3. Connect SDD to the vehicle and begin a new diagnostic session, by reading the VIN for the current vehicle and initiating the data collect sequence.
4. Follow the SDD prompts.
5. Select 'Diagnosis' from the Session Type screen.
6. Select the 'Selected Symptoms' tab, and then select the following:
 - Electrical - Driving aids - Camera display - Camera image is not displayed
7. Select 'continue'.
8. Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Image processing module camera's - Camera auto learn routine' option.
9. Follow all on-screen instructions to complete this task.
10. Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Image processing module camera's - Camera calibration' option.
11. Follow all on-screen instructions to complete this task.
12. Exit the current session.

13. Disconnect the IDS and the battery power supply from the vehicle.