

TECHNICAL BULLETIN  
LTB00647NAS3  
22 SEP 2014



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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: 414-00**

Battery Charge Warning Indicator Illuminated

**AFFECTED VEHICLE RANGE:**

**Range Rover Evoque (LV)**

**Model Year:** 2014

**VIN:** EH856580-EH881720

**Range Rover Sport (LW)**

**Model Year:** 2014

**VIN:** EA300000-EA369970

**Range Rover (LG)**

**Model Year:** 2013-2014

**VIN:** DA109592-EA170880

**MARKETS:**

NAS

**CONDITION SUMMARY:**

**Situation:** The battery charge warning indicator may be illuminated and a battery warning message displayed on the Instrument Cluster. Diagnostic Trouble Code (DTC) B1404-13 may be stored.

**Cause:** This may be caused by an error in the battery diagnostic routines.

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

**PARTS:**

No Parts Required

**TOOLS:**



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

SDD with latest DVD and Calibration File; first available on DVD139.04 v.187

Jaguar Land Rover-approved Midtronics battery power supply

Jaguar Land Rover-approved Midtronics battery tester

**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.**

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Update GateWay Module software - Range Rover Evoque (L538)	<b>86.90.97</b>	0.20	42	LR059957
Update GateWay Module software - Range Rover Sport (L494)	<b>86.90.97</b>	0.20	42	LR042127
Update GateWay Module software - Range Rover (L405)	<b>86.90.97</b>	0.20	42	LR046550



**NOTE: Normal Warranty policies and procedures apply.**

### ***SERVICE INSTRUCTION:***

1. Use the Jaguar Land Rover-approved battery diagnostic tester to check the health of the primary and secondary batteries.

- If both batteries are 'GOOD', continue to the next step.
- If either battery is 'low', charge and retest as necessary.
  - Continue to the next step.
- If either battery is faulty, replace as necessary.
  - Continue to the next step.



**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 DVD139.04 v.187 or later.**

2. Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
3. Turn ignition 'ON' (engine not running).
4. Connect the Symptom Driven Diagnostics (SDD) system to the vehicle and begin a new session.
5. Follow the on-screen prompts, allowing SDD to read the VIN and identify the vehicle and initiating the data collect sequence.
6. Select 'Diagnosis' from the Session Type screen.
7. Select the 'Selected Symptoms' tab, and then select:
  - Electrical - Instruments > Warning lamps > Battery and alternator lamp > Lamp illuminated
8. Select 'continue'.
9. Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Battery - Power supply service mode diagnostic' option.
10. Follow all on-screen instructions to complete this task.

- 11.** Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Configure existing module - GateWay module' option.
- 12.** Follow all on-screen instructions to complete this task, ensuring all DTCs are cleared.
- 13.** Exit the current session.
- 14.** Disconnect the SDD and the battery power supply from the vehicle.