

TECHNICAL BULLETIN  
LTB00724NAS1  
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## SB-10057689-8682

### **SECTION: 303-00**

Water Induced Misfire / Restricted Performance

### **AFFECTED VEHICLE RANGE:**

**Range Rover Evoque (LV)**

**Model Year:** 2012-2014

**VIN:** CH000447-EH963799

### **MARKETS:**

NAS

### **CONDITION SUMMARY:**

**Situation:** The engine may exhibit reduced power on acceleration after long periods of driving in wet conditions, continuing until the engine is switched off and restarted. Additionally, an engine warning message will display in the Instrument Cluster message center and the engine Malfunction Indicator Lamp (MIL) may illuminate.

**Cause:** This may be caused by inconsistencies in the vehicle calibration combined with moisture entering the engine through the air intake system.



**NOTE:** for VINs CH000447-DH769903: if Program Code 'Q255' is open in DDW, perform the Service Instruction in that Technical Bulletin and close the campaign. If Program Code 'Q255' was previously performed PRIOR TO the publication of Q255NAS3 (24 November 2014), complete the Service Instruction as shown below. If Program Code 'Q255' was previously performed AFTER the publication of Q255NAS3 (24 November 2014), please contact the Technical HelpLine for further assistance.

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

### **PARTS:**

LR067362	Charge air radiator grille kit	Quantity: 1
LR049458	Pop Rivet	Quantity: 8

### **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  
Jaguar Land Rover-approved Midtronics battery 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 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
Charge Air Radiator grille kit - Install; update ECM software	19.42.89.47	1.5	4	LR048135



**NOTE: Normal Warranty procedures apply.**

### **SERVICE INSTRUCTION:**

1. Remove the front bumper cover (see TOPIx Workshop Manual, section 501-19).
2. Remove the six (6) bolts.



3. Tilt the mesh grille insert forward from the top of the charge air radiator.

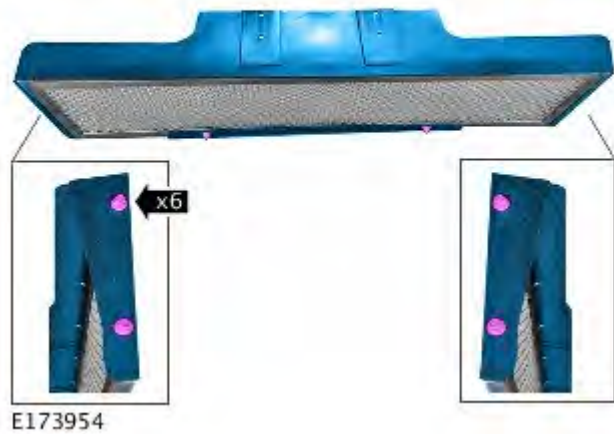


4. Remove the mesh grille insert from the charge air radiator.



5. Remove the six (6) bolts holding the plastic cowl onto the new mesh grille.

- Discard the removed cowling.



6. Install the new mesh grille insert into the charge air radiator.

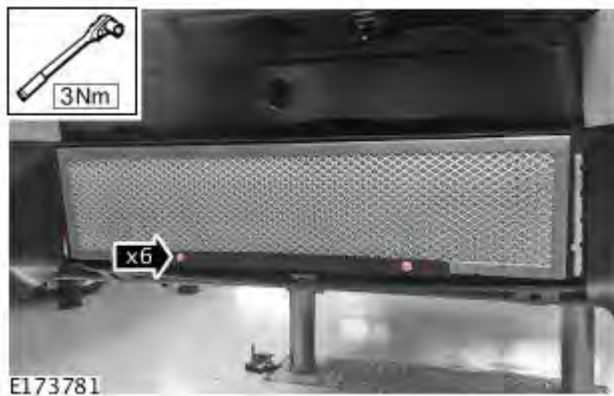


7. Install the new mesh grille insert into the correct position.



8. Install the bolts.

- Torque: 3Nm



9. Install the front bumper cover (see TOPIx Workshop Manual, section 501-19).



**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.



**NOTE:** the Engine Control Module (ECM) may also be referred to as Powertrain Control Module (PCM).

10. Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
11. Turn ignition 'ON' (engine not running).
12. Connect the Symptom Driven Diagnostics (SDD) system to the vehicle and begin a new session.
13. Follow the on-screen prompts, allowing SDD to read the VIN and identify the vehicle and initiating the data collect sequence.
14. Select 'Diagnosis' from the Session Type screen.
15. Select the 'Selected Symptoms' tab, and then select:
  - Powertrain > Engine system > Engine performance
16. Select 'continue'.
17. Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Configure existing module - Powertrain control module' option.
18. Follow all on-screen instructions to complete this task, ensuring all DTCs are cleared.
19. Exit the current session.
20. Disconnect the SDD and the battery power supply from the vehicle.