LTB00793NAS5

TECHNICAL BULLETIN

21 AUG 2017

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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.

INFORMATION

This reissue replaces all previous versions. Please destroy all previous versions.

Changes are highlighted in blue

SECTION:

204-05: Vehicle Dynamic Suspension

SUBJECT/CONCERN:

Air Suspension Compressor Solenoid Valve Fails To Vent

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	ASSEMBLY PLANT:	APPLICABILITY:
Range Rover Sport (LW)	2014-2015	503399-519500	Solihull	Vehicles With: Dynamic Suspension
Range Rover Sport (LW)	2014-2015	601162-615621	Solihull	Vehicles With: Dynamic Suspension
Range Rover (LG)	2014-2015	196502-216943	Solihull	Vehicles With: Dynamic Suspension

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

The air suspension may not raise/lower with a warning message displayed on the Instrument Cluster (IC). Upon further investigation, Diagnostic Trouble Code (DTC) C1A13-64 may be stored.

CAUSE:

This may be caused when the air suspension compressor has failed to vent in the allotted time due to a faulty solenoid valve.

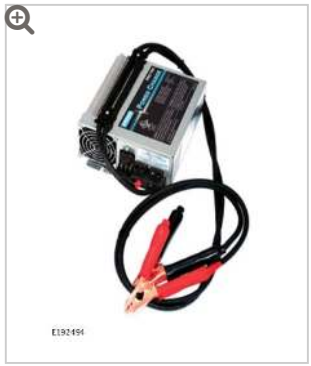
ACTION:

Should a Customer express this concern, follow the Service Instruction below.

PARTS:

PART NUMBER	DESCRIPTION	QUANTITY:
LR075759	Solenoid valve	1

TOOLS:



Jaguar Land Rover-approved Midtronics battery power supply

Jaguar Land Rover-approved diagnostic tool with latest SDD software and Calibration File

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

WARRANTY:

NOTES:

- 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.

- The JLR Claims Submission System 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
Air suspension - Solenoid valve - Renew - Range Rover Sport (L494; vehicles with 7 seats)	64.50.05.50	0.2	41	LR069693
Air suspension - Solenoid valve - Renew - Range Rover Sport (L494; vehicles without 7 seats)	64.50.05	0.2	41	LR069691
Air suspension - Solenoid valve - Renew - Range Rover (L405)	64.50.05	0.2	41	LR069691
Read and clear DTCs - All	12.90.16	0.2	42	LR069691 / LR069693

NOTE:

Normal Warranty procedures apply.

SERVICE INSTRUCTION:

CAUTIONS:

- A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during diagnosis / module programming.
- All ignition ON/OFF requests must be carried out. Failure to perform these steps may cause damage to control modules in the vehicle.

NOTES:

- The Jaguar Land Rover-approved diagnostic tool must be loaded with DVD150.03 and Calibration File 274 (or later).

- Use DDW to check for Q590 or N024 eligibility. If eligible, perform the applicable program only and do not continue with this Technical Bulletin. If not eligible for Q590 or N024, continue with this Technical Bulletin.

1 Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.

2 Switch the ignition ON (engine not running).

3 Connect the Jaguar Land Rover-approved diagnostic tool to the vehicle and begin a new session.

4 Follow the on-screen prompts, allowing the diagnostic tool to read the VIN, identify the vehicle, and initiating the data collect sequence.

5 Read the Diagnostic Trouble Codes (DTCs).

- If DTC C1A13-64 is not stored, go to Step 10.
  - Any other stored DTC should be investigated before releasing the vehicle.
- If DTC C1A13-64 is stored, go to Step 6.

6 Clear all stored DTCs.

7

CAUTION:

Before disconnecting or removing components, make sure the area around the joint faces and connections are clean. Plug open connections to prevent contamination.

NOTE:

Removal steps in the procedure may contain installation details.

Install a replacement air suspension compressor solenoid valve (see TOPIx Workshop Manual section 204-05: Vehicle Dynamic Suspension - Air Suspension Compressor Solenoid Valve).

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8 Cycle the air suspension 2 times from the maximum height setting to the minimum height setting to confirm that the repair has been successful.

- If a warning is not displayed on the Instrument Cluster, go to Step 10.
- If a warning is displayed on the Instrument Cluster, go to Step 9.

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9 Read the stored DTCs.

- If DTC C1A13-64 is not stored, go to Step 10.
  - Any other stored DTC should be investigated before releasing the vehicle.
- If DTC C1A13-64 is stored, submit a Technical Assistance (TA) request.
  - Go to Step 10.

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10 Exit the current session.

1. Select the **Session** tab.
2. Select the **Close Session** option.

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11 Disconnect the diagnostic tool and battery power supply from the vehicle.