

TECHNICAL BULLETIN
LTB00416NAS2
06 JAN 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: 418-02

Adaptive Dynamics Front Damper Wires Damaged

AFFECTED VEHICLE RANGE:

Range Rover (LM)

Model Year: 2010-2012
VIN: AA302697-CA393639

MARKETS:

NAS

CONDITION SUMMARY:

Situation: An 'Adaptive Dynamics Fault' message may be displayed in the message center with Diagnostic Trouble Codes (DTC) C1024-00, C110C-14, C110D-14, and C110D-19 stored in the Adaptive Damping control module.

Cause: This may be caused by damaged wires at the Adaptive Dynamics front damper(s) caused by rotation of the front dampers during normal driving.

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

PARTS:

LR032839 Adaptive Damper Link Harness Quantity: 2

TOOLS:

Refer to Workshop Manual 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.**

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Front adaptive damper harness - Repair - Both sides	86.71.89.40	0.2	B4	LR012279

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

SERVICE INSTRUCTION:

1.  **CAUTION:** Take care when removing the cover; failure to follow this instruction may result in damage to the harness.


 **NOTE:** Note the fitted position of the cover and the grommet before removal.

Remove the suspension top cover.

- Remove the two torx bolts.
- Release the grommet.

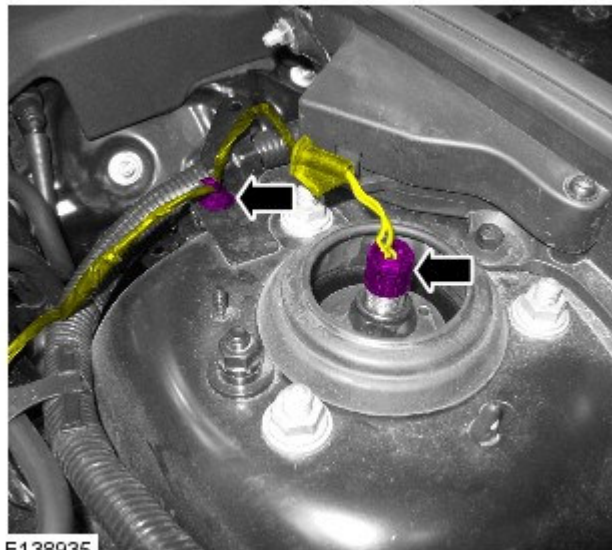


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2.  **NOTE:** Note the orientation of the electrical connector during removal.

Release the wiring harness.

- Carefully release the electrical connector.
- Release the fir tree clip.

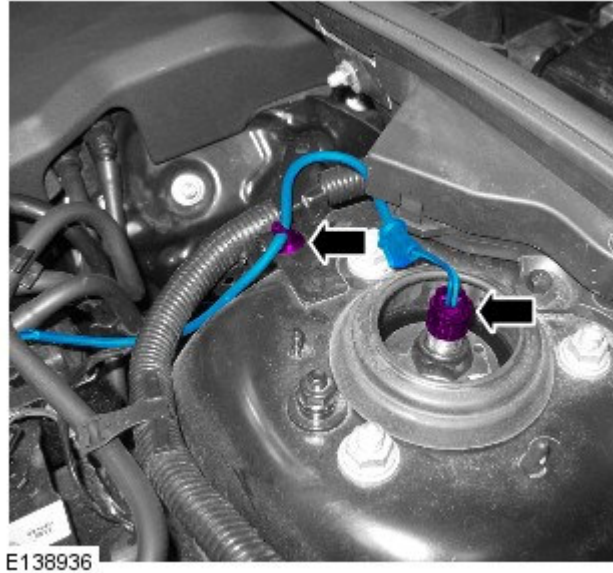



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3.  **CAUTION:** Make sure the electrical connector is correctly aligned before securing in place; failure to follow this instruction may result in damage to the vehicle.

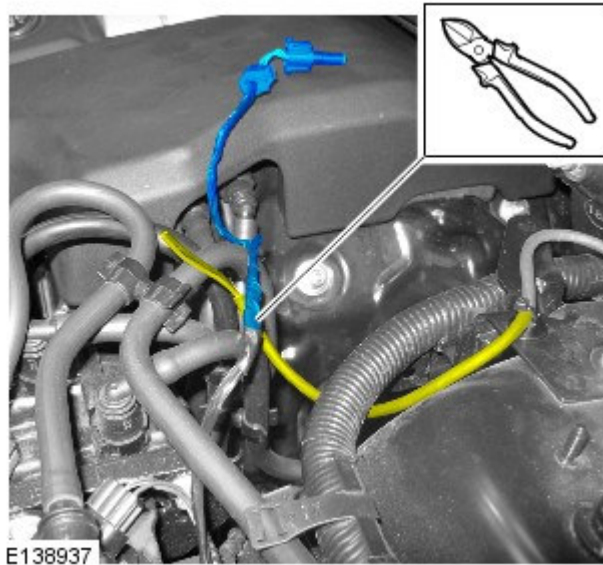
Install the new link harness.

- Connect the electrical connector.
- Secure the fir tree clip.



4.  **CAUTION: Make sure that there is a sufficient length of existing wiring harness to make the connection to the new link harness.**

Using a suitable tool, remove the damaged section of the wiring harness (see TOPIX Workshop Manual, Section 418-02).



5. Using the Jaguar Land Rover-approved harness repair kit, join the new link harness to the existing harness.
- Make sure that the wiring harness is protected with locally-sourced suitable insulation tape.

6.  **CAUTION: Make sure that the wiring harness is not damaged during the installation of the suspension cover.**

-  **CAUTION: Make sure that the dowels are correctly aligned.**

Install the suspension top cover.

- Carefully align the grommet.
- Tighten the two torx bolts to 9 Nm.

7.  **NOTE: A new link harness must be fitted to both front dampers.**

Repeat steps 1-6 to the other front adaptive damper.