

TECHNICAL BULLETIN
 LTB00970NAS1
 07 JUL 2016



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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.

SECTION: 303-00

Evaporative Canister Hose Ozone Cracking

AFFECTED VEHICLE RANGE:

Range Rover Sport (LW)

Model Year:	2015-2016	
VIN:	504538-598529	V6 S/C 3.0L Petrol /V8 S/C 5.0L Petrol
Assembly Plant:	Solihull	

Range Rover Sport (LW)

Model Year:	2015-2016	
VIN:	600188-657159	V6 S/C 3.0L Petrol /V8 S/C 5.0L Petrol
Assembly Plant:	Solihull	

Range Rover (LG)

Model Year:	2015-2016	
VIN:	197044-297030	V6 S/C 3.0L Petrol /V8 S/C 5.0L Petrol
Assembly Plant:	Solihull	

MARKETS:

NAS

CONDITION SUMMARY:

Situation: The engine Malfunction Indicator Lamp (MIL) may be illuminated with Diagnostic Trouble Codes (DTC) relevant to an Evaporative Emission (EVAP) fault stored in the Powertrain Control Module (PCM).

Cause: This may be caused by the hose from the Diagnostic Module Tank Leakage (DMTL) pump to the evaporative emissions canister - secondary becoming deteriorated and cracked.

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

PARTS:

LR089869	evaporative canister Hose	1
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TOOLS:

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

Jaguar Land Rover-approved Midtronics battery power supply


Refer to the Service Instruction/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
Secondary Evaporative Emissions Canister hose - Check	17.15.53	0.5	D4	LR089869
Secondary Evaporative Emissions Canister hose - Wheel arch liner removed - Renew	17.15.54	0.1	D4	LR089869
Diagnostic Module Tank Leakage (DMTL) - Leak test	17.90.03	0.3	D4	LR089869
Read and clear fault codes - With diagnostic equipment already connected	12.90.16.01	0.1	D4	LR089869

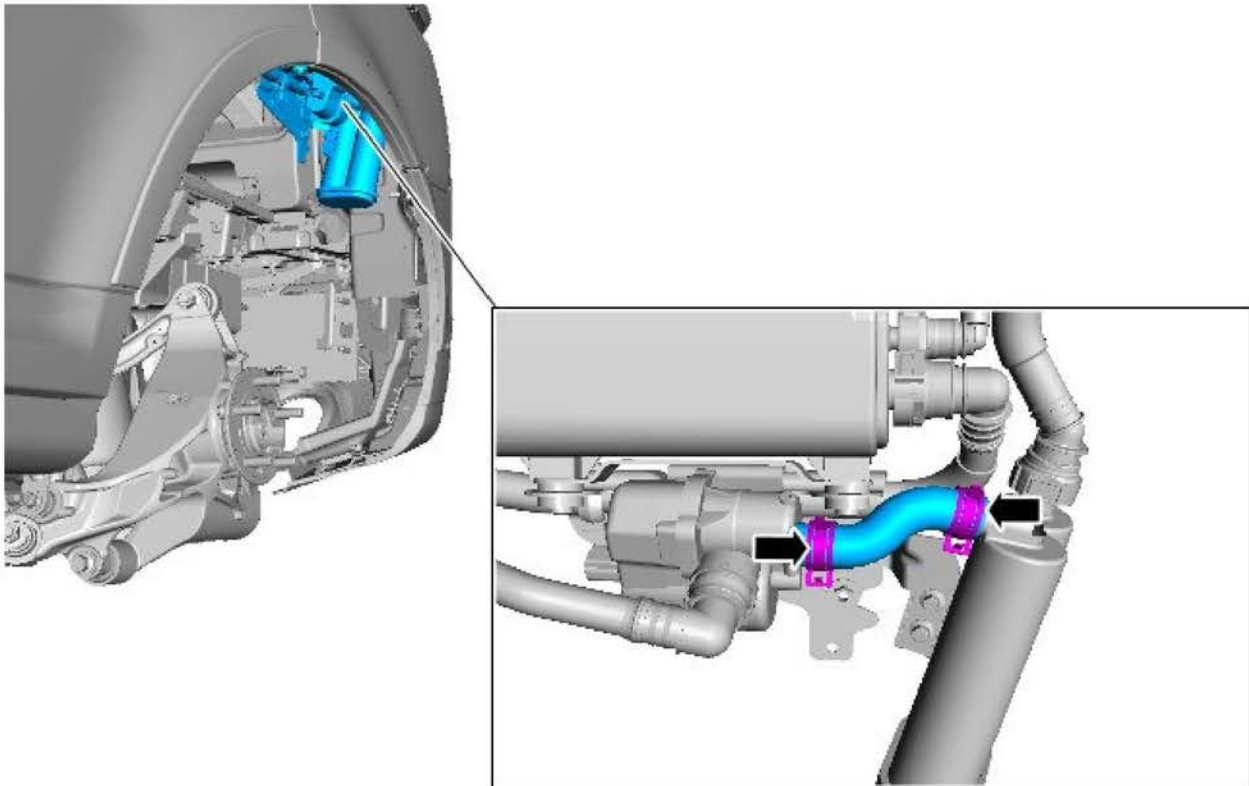
 **NOTE: Normal Warranty procedures apply.**

SERVICE INSTRUCTION:

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

 **NOTE: The Jaguar Land Rover-approved diagnostic tool must be loaded with DVD146.02 v.243 or later.**

2. Connect the Jaguar Land Rover-approved diagnostic tool to the vehicle and read the stored Diagnostic Trouble Codes (DTC).
 1. If P0442-00 or P0456-00 is not present, this is not the cause of the customer concern and you should not continue with this Technical Service Bulletin.
 2. If P0442-00 or P0456-00 is present, go to Step 3.
3. Remove the rear left wheel arch liner (see TOPIx Workshop Manual section 501-08: Exterior Trim and Ornamentation - Rear Wheel Arch Liner Removal and Installation).
4. Release the tension from the evaporative canister hose fasteners and move the fasteners towards the center of the pipe.

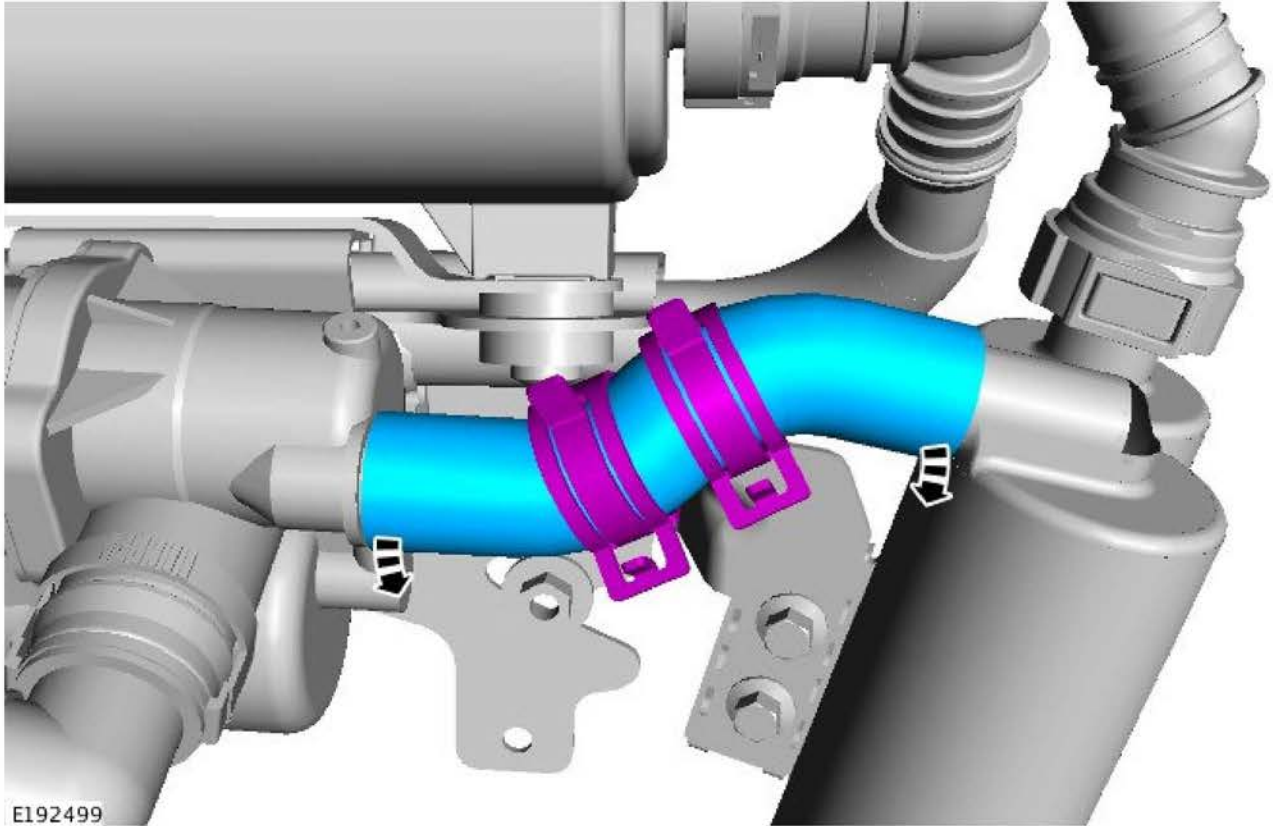


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5.  **NOTE: The evaporative canister hose fasteners must be reused to install the new evaporative canister hose.**

Remove and discard the evaporative canister hose.

- Remove and retain the evaporative canister hose fasteners.

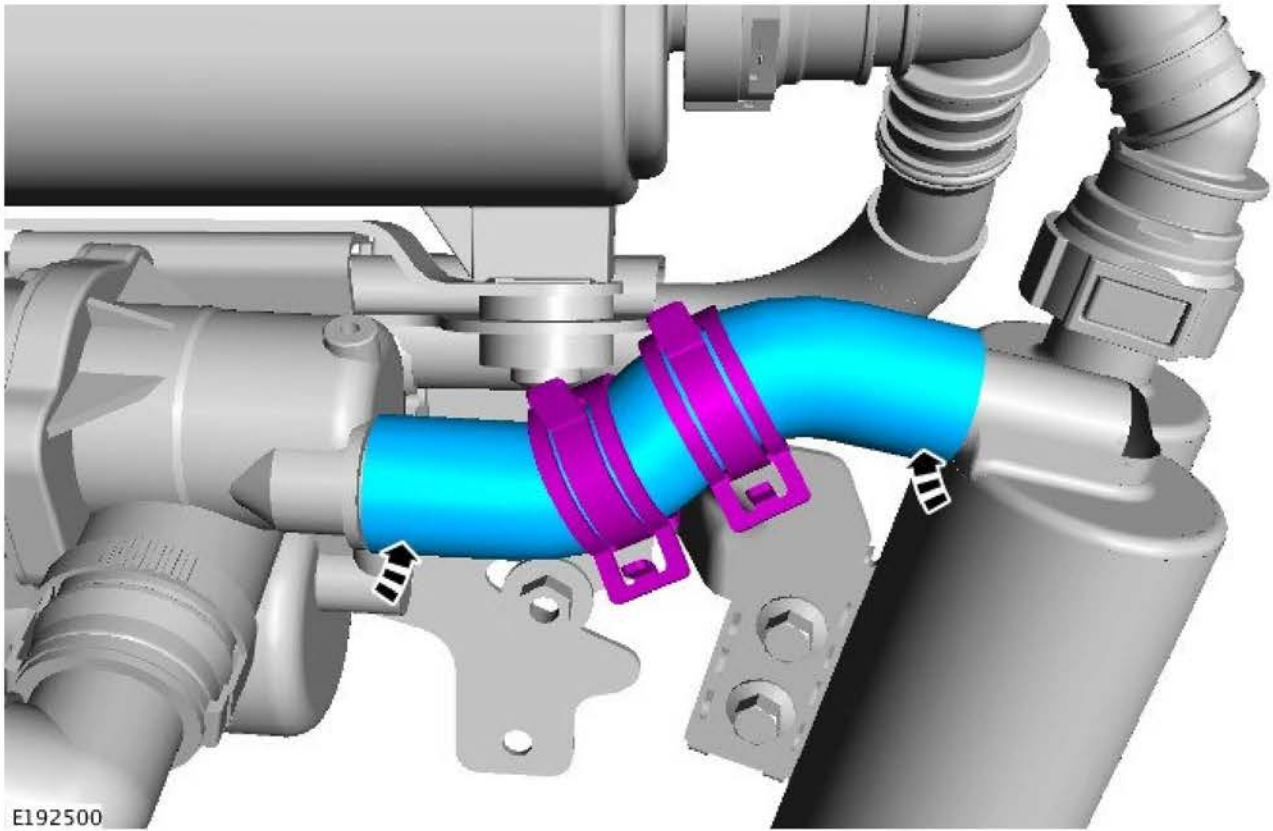


6.  **NOTE: The evaporative canister hose fasteners must be reused to install the new evaporative canister hose.**

Install the original evaporative canister hose fasteners onto the new evaporative canister hose.

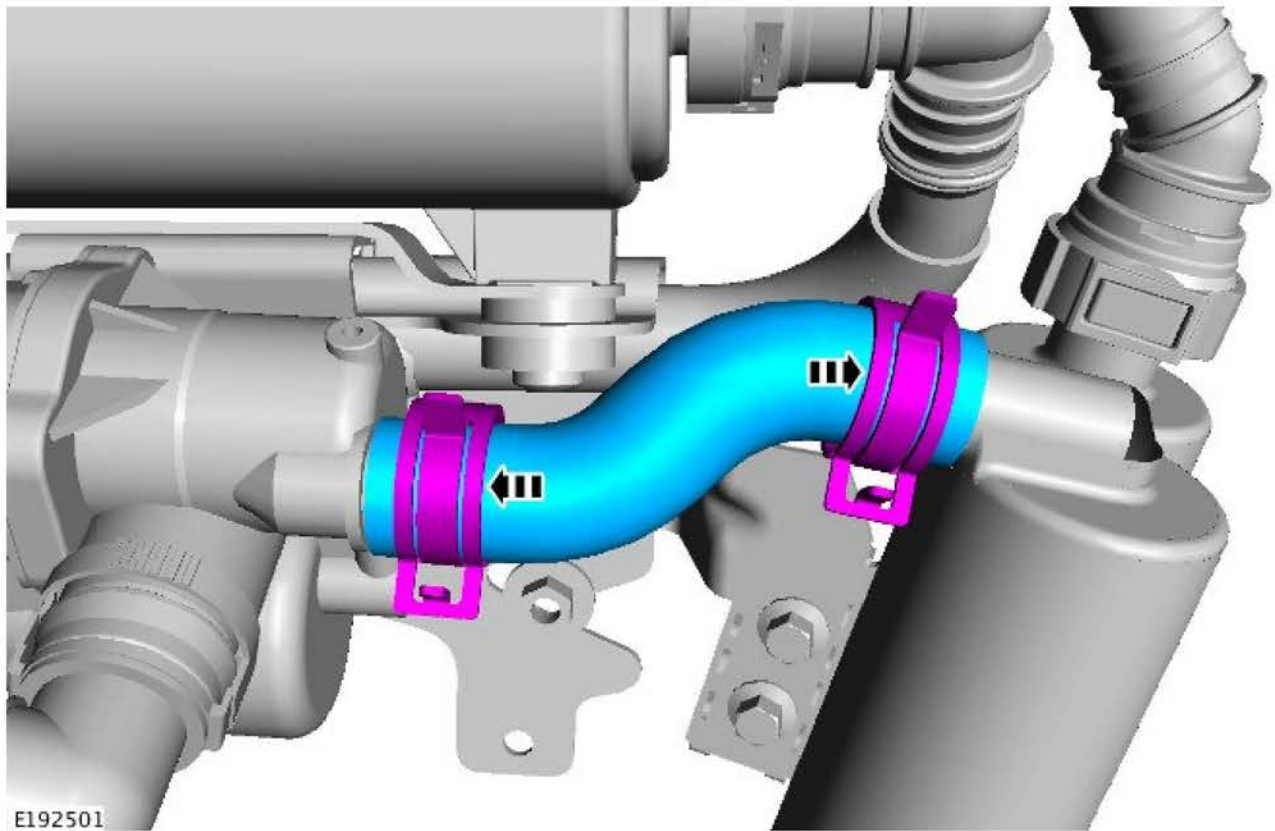
7.  **NOTE: The original evaporative canister hose fasteners must be reused to install the new evaporative canister hose.**

Install the new evaporative canister hose.



8.  **NOTE: The original evaporative canister hose fasteners must be reused to install the new evaporative canister hose.**

Install the evaporative canister hose fasteners into their final position.



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9. Install the rear left wheel arch liner (see TOPIX Workshop Manual section 501-08: Exterior Trim and Ornamentation - Rear Wheel Arch Liner Removal and Installation).
10. Clear stored DTCs.
11. Select **Diagnosis** from the Session Type screen.
12. Select the **Selected Symptoms** tab and then select:
 - **Electrical - Instruments - Warning lamps - Engine malfunction lamp - Lamp illuminated**
13. Select **continue**.
14. Select the **Recommendations** tab.
15. Select **Run** to perform the **Powertrain - Evaporative system diagnostic test** option.
16. When all tasks are complete, select the **Session** tab and then select the **Close Session** option.
17. Disconnect the diagnostic tool and battery power supply from the vehicle.