

# TECHNICAL BULLETIN

P054NAS3

20 JUL 2015



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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.

Changes are highlighted in gray

## ***SECTION: 206-03***

### **Safety Recall: Front Brake Hose Durability**

#### **AFFECTED VEHICLE RANGE:**

##### **Range Rover (LM)**

**Model Year:** 2006-2012  
**VIN:** 198146-393638  
**Manufacturing Plant:** Solihull

#### **MARKETS:**

NAS

#### **CONDITION SUMMARY:**

**Situation:** A potential issue has been identified with the brake hoses installed on 2006-2012 model year Range Rover (L322) vehicles. A loss of brake fluid as a result of rupturing of one or both of the front brake hoses may occur, resulting in the loss of the front brake circuit. The vehicle braking system is a dual circuit system: one system operates the front braking circuit and the other system operates the rear braking circuit. Loss of one of the hydraulic service braking system circuits could compromise vehicle braking and significantly increase the risk of a crash.



**NOTE: both front brake hoses must be replaced.**

**Action:** Retailers are required to **HOLD** only affected new vehicles that are within your control and refrain from releasing these vehicles for **new vehicle sale** pending completion of the action detailed in this Technical Bulletin. Unsold vehicles should have this performed as part of the Pre-Delivery Inspection (PDI) process but **must** have it completed prior to vehicle handover to the customer. Affected vehicles will have the front brake hoses replaced.

#### **PARTS:**



**NOTE: \* when ordering parts, order only the expected percentage demand of parts identified.**



**NOTE: both front brake hoses must be replaced.**

DESCRIPTION	PART No./SUNDRY CODE	QTY./VALUE	EXPECTED % of VEHICLES REQUIRING PARTS*
Brake hose - Front	LR075628	2	100
Brake fluid	ZZZ001	**\$6.20	100

\*\* - an allowance has been provided to cover the cost of brake fluid.

#### **SPECIAL TOOLS:**

Refer to Workshop Manual/Service Instruction for any required tools

#### **WARRANTY:**



**NOTE: check DDW to ensure that a vehicle is affected by this program prior to undertaking any rework action.**



**NOTE: both front brake hoses must be replaced.**

At the time of confirming a booking for vehicle repair, ensure that all outstanding Service Actions are identified to ensure the correct parts are available and adequate workshop time is allocated for repairs to be completed at one visit.

Warranty claims must be submitted quoting Program Code '**P054**' together with the relevant Option Code from the table. The SRO and part information listed have been included for information only. The Option Code(s) that allows for the drive in/drive out allowance may only be claimed if the vehicle is brought into the workshop for this action alone to be undertaken.

Repair procedures are under constant review, and therefore times/prices are subject to change; those quoted here must be taken as guidance only. Refer to TOPIx to obtain the latest repair time.

Warranty claims date must be submitted for payment within 30 calendar days of completion of the repair.

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PARTS/SUNDRY CODE	QTY./VALUE
P054	D	Hoses - Front - Set - Renew	70.15.10	0.70	LR075628 ZZZ001	2 **\$6.20
P054	E	Hoses - Front - Set - Renew Drive in/drive out	70.15.10 02.02.02	0.70 0.20	LR075628 ZZZ001 -	2 **\$6.20 -

\*\* - an allowance has been provided to cover the cost of brake fluid.

Normal Warranty policies and procedures apply

### **SERVICE INSTRUCTION**



**NOTE: both front brake hoses must be replaced.**



**NOTE: removal steps in this procedure may contain installation details.**

1. Remove the front wheel and tire assemblies (see TOPIx Workshop Manual, section 204-04).

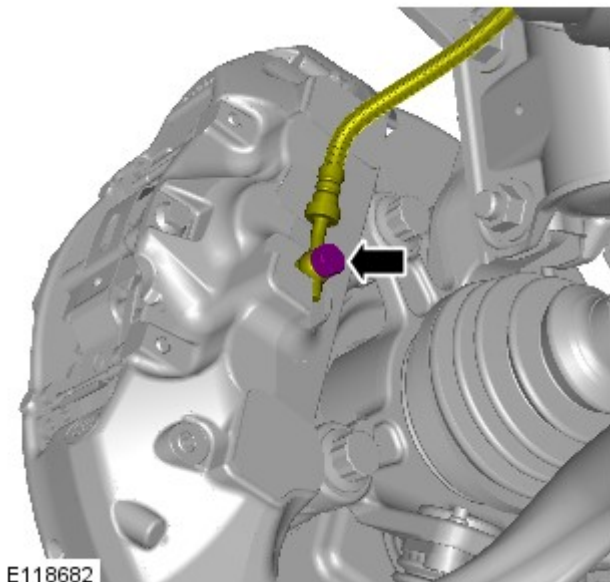
2.  **WARNING: be prepared to collect escaping fluid.**



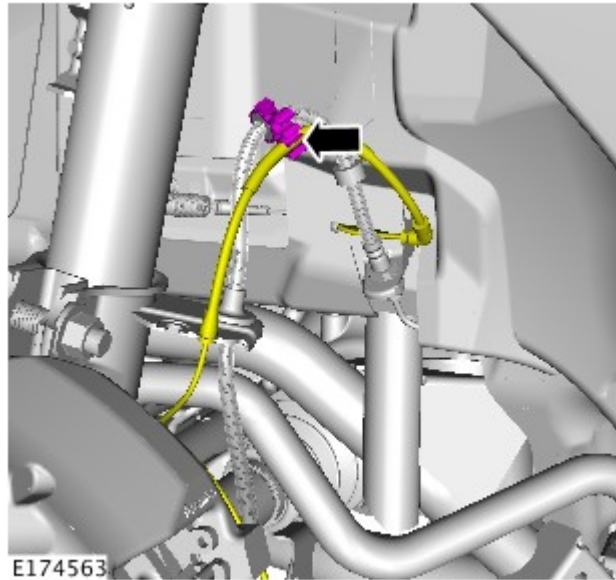
**CAUTION: before disconnecting or removing components, make sure the area around the joint faces and connections are clean. Plug open connections to prevent contamination.**

Disconnect the brake hose from the brake caliper.


- Torque: 32 Nm



3. Release the brake hose from the fixing.

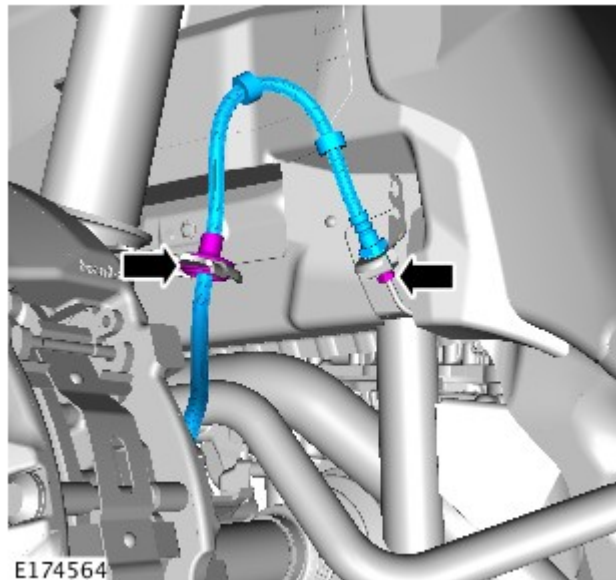


4.  **WARNING:** be prepared to collect escaping fluid.

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

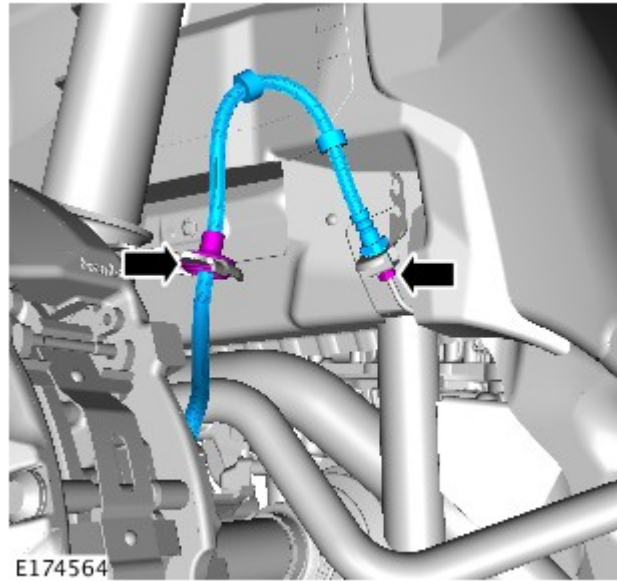
Disconnect the brake hose from the brake pipe.

- Release the brake hose from the fixing.
- Torque: 16 Nm



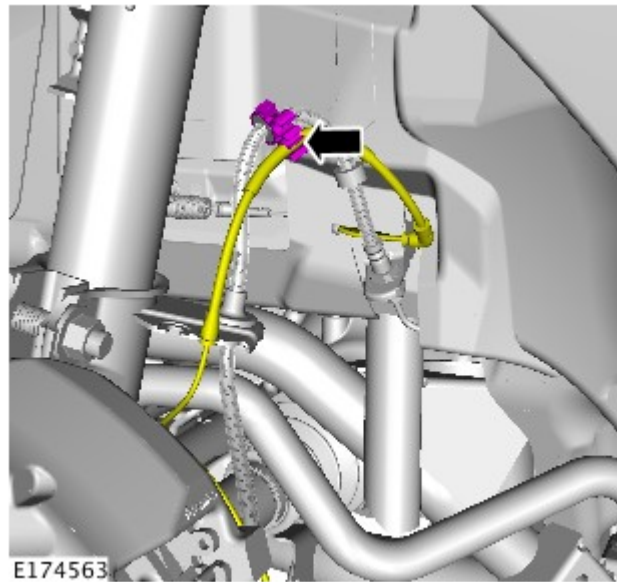
5. Install the new brake hose.

- Reverse steps 2-4.



6. Replace the opposite side brake hose.

- Reverse steps 2-5.



7. Bleed the front brakes (see TOPIx Workshop Manual, section 206-00).

8. Install the front wheel and tire assemblies (see TOPIx Workshop Manual, section 204-04).