

TECHNICAL BULLETIN

LTB00375NAS2

25 OCT 2012



ISSUE '2' CHANGES ARE HIGHLIGHTED IN GRAY

SECTION: 206-04

'Squeal' Noise from Rear Brakes

AFFECTED VEHICLE RANGE:

Range Rover Sport (LS)
5.0L Supercharged only

VIN: AA212147 – BA299999
BA700000 - BA716702

Model Year: 2010 - 2011

Range Rover (LM)
5.0L Supercharged only

VIN: AA304426 – AA328105

Model Year: 2010

CONDITION SUMMARY:

Situation: On vehicles fitted with the 5.0L Supercharged engine only, a 'squeal' noise may be evident from the rear brakes when the brakes are applied.

Cause: This noise may be caused by brake pad material and design.

△ **NOTE:** Brake linings, brake discs, and any other friction-related components are not covered when due to wear and tear but are covered for manufacturing, material defects, or the failure of another warranted part during the lifetime of the warranty. Refer to Warranty Policies and Procedures Manual for further details.

Action: In the event of a customer concern of the above, refer to the Repair Procedure outlined below to replace rear brake pads and inspect and, if necessary, install new rear brake caliper guide pins.

PARTS:

LR020489.....	Guide pin kit and Grease sachet	Qty: 2
LR025739.....	Rear brake pads	Qty: 1

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 DDW to obtain the latest repair time.

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
Rear Brake squeal - Range Rover Sport 10MY-onwards	70.40.89.37	0.70	42	LR016176
Rear Brake squeal - Range Rover 10MY-onwards	70.40.89.37	0.90	42	LR011591

Normal Warranty policies and procedures apply

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.

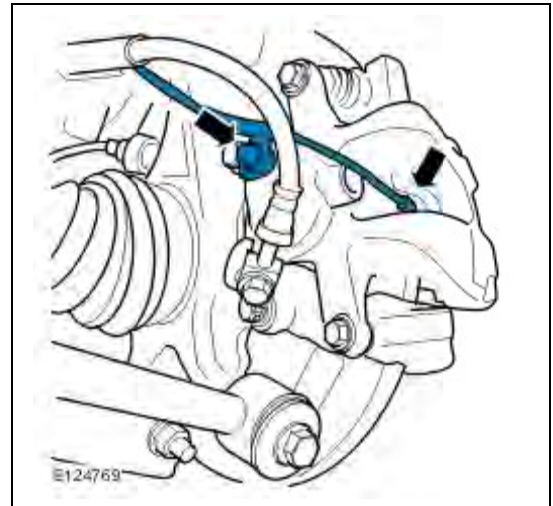
REPAIR PROCEDURE

△ **NOTE:** Check for any problems with the pad, disc, caliper, or for anything trapped between the disc and dirt shield and rectify any issues found (if appropriate this will be carried out as a separate claim). If noise is still present, continue with service Instructions outlined below.

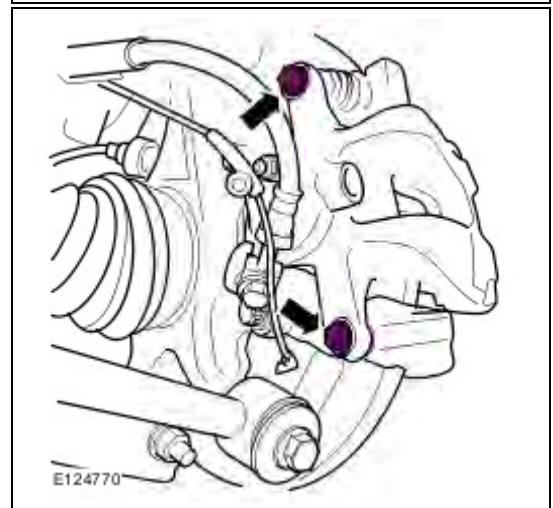
1. **⚠ WARNING:** Make sure to support the vehicle with axle stands.

Refer to Workshop Manual section 100-02 and raise and support the vehicle.

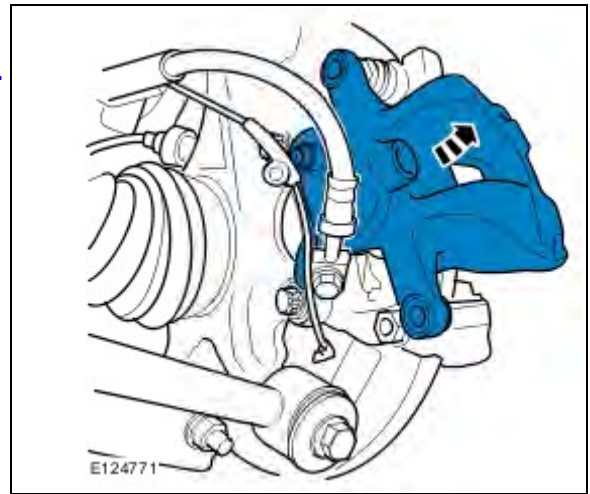
2. Remove the rear wheel / tire assemblies.
3. Detach the brake pad warning sensor wire at the brake bleed nipple to avoid damage.



4. Remove the rear brake caliper housing securing bolts.



5. **⚠ CAUTION: Right-Hand Side - Do not allow the brake caliper to hang on pad wear warning sensor lead.**
Remove the brake caliper housing assembly, and tie aside.



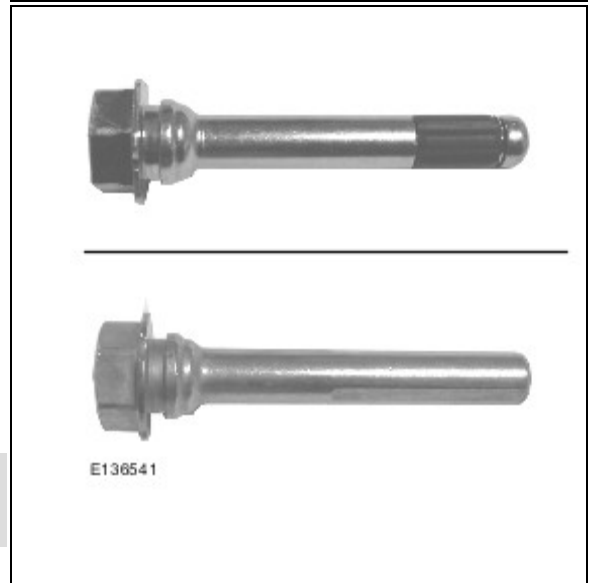
6. **⚠ CAUTION: Should contamination occur, clean and re-lubricate with correct grease (SYL500010) from the kit.**

⚠ CAUTION: Use only grease SYL500010; no other grease may be used on the pins.

△ NOTE: The guide pin bore contains a light lubrication which should be retained. The area should not be cleaned and care should be taken to avoid contamination.

Remove and inspect the rear brake caliper guide pins:

- If there **is** one bushed guide pin at the top and a plain pin at the bottom, continue to step 7.
- If there **is not** one bushed guide pin at the top and a plain pin at the bottom, install the service pin kit LR020489.



7. **△ NOTE: The bushed guide pin must be installed in the upper position; the plain guide pin must be installed in the lower position.**

Refer to Workshop Manual section 206-04 and install new rear brake pads, ensuring that the bushed guide pin is installed in the upper position and the plain guide pin is installed in the lower position.

7. Lower the vehicle.
8. Road test vehicle.