

TECHNICAL INFORMATION



New Components Reduce Brake Squeal

No: 70/01/02/NAS

Ref:

Issue: 2

Date: 20 July 2004

AFFECTED VEHICLE RANGE:

Discovery Series II (LT)

XA900000 to XA 907212

YA200000 to 1A299999

1A700000 to 1A728964 Front discs

1A700000 to 1A733858 Rear discs

SITUATION:

BRAKE NOISE / SQUEAL

The customer may complain of noise from the front or rear brakes when coming to a stop. The noise is most often heard at low speeds just prior to a complete stop. Brake disc resonance may be the cause of the noise.

RESOLUTION:

REPLACE BRAKE DISCS AND PADS

Determine the source of the noise. Installation of later configuration brake discs and new pads on the affected axle will counter the brake disc resonance symptoms and reduce noise levels.

PARTS INFORMATION:

SDB000380	.....Front brake disc - vented	Qty 2
SDB000470	.....Rear brake disc - solid	Qty 2
SFP100480	.....Front brake pads - set	Qty 1
SFP100490	.....Rear brake pads - set	Qty 1

WARRANTY CLAIMS:

70.12.31	.....Time 1.30 hrs.
	Replace discs and pads, front
70.12.37	.....Time 1.00 hrs.
	Replace discs and pads, rear

FAULT CODE: K

Normal warranty policy and procedures apply.

Material allowance is included in labor operation.

REPAIR PROCEDURE

INSTALL NEW COMPONENTS

1. Refer to TIB 60/01/01/NAS for procedures to avoid hub contamination and for hub parts information.
2. Check condition of flange/bearing/sensor assembly.
3. Refer to the RAVE sections listed below and install required new front or rear brakes discs and pads.
 - 70.12.10 Front discs replacement
 - 70.40.02 Front brake pads replacement
 - 70.12.33 Rear discs replacement
 - 70.40.10 Rear brake pads replacement
4. Verify run-out of the new brake discs is within 0.05mm (0.002 in.) specification.

TIB	CIRCULATE:	Service Mgr	Warranty	Workshop	Body Shop	Parts
70/01/02/NAS	TO	X	X	X	X	X