

Technical Bulletin



Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Routan	2009-2011	All	All	All	All

Condition

46 12 03 October 26, 2012 2028122 Supersedes T.B. V461201 dated April 30, 2012 update labor operation 46365699 in warranty table.

Vibration at the Front of the Vehicle while Braking and or Front Brake Lining Life

Technical Background

This bulletin involves installing new brake linings and replacing both brake rotors as required
This bulletin applies to vehicles built after January, 01, 2009 and before May, 02, 2011.

Production Solution

New improved brake pads introduced.

Service

Diagnosis

Road test the vehicle for 5 minutes and intermittently apply the brakes.

Were there any vibrations experienced when braking?

Yes: Proceed to repair procedure.

No: Proceed to brake lining inspection.

Brake Lining Inspection

Remove both front tire and wheel assemblies, see Repair Manual Suspension, Wheels, Steering Group 44 in ElsaWeb.

Using a Brake Lining Thickness Gauge or Brake Pad/Shoe Gauge, measure brake lining thickness.

Perform the repair procedure if the brake lining usable material, at its thinnest point, measures 4mm (0.1575 in.) or less.

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Repair Procedure

Remove the front brake linings and brake disc's, see Repair Manual, Chassis, Brake System Group 46 Mechanical Components in ElsaWeb.

Clean brake disc to hub face contact surface to ensure flat contact surface.

Install replacement brake disc's Part No. 7B0615301C and front brake linings from kit Part No. 7B0698151F, see Repair Manual, Chassis, Brake System Group 46 Mechanical Components in ElsaWeb.



Note:

Make sure that the audible wear indicator (if equipped) is placed toward the top when the inboard brake lining is installed on each side of the vehicle.

If the brake linings have a protective paper on the rear face of the brake lining plate, it must be removed before installation.

Warranty



Note:

All Routan pre and post road test and StarMOBILE time units are included in the labor operation. Therefore, no road test or StarMOBILE time units will appear in the designated area within the warranty table.

To determine if this procedure is covered under Warranty, always refer to the Warranty Policies and Procedures Manual ¹⁾					
Model(s)	Year(s)	Eng. Code(s)	Trans. Code(s)	VIN Range From	VIN Range To
Routan	2009-2011	All	All	All	All
SAGA Coding					
Claim Type:	Use applicable Claim Type ¹⁾				
Service Number:	Damage Code	HST		Damage Location (Depends on Service No.)	
4636	0010	CWM2028122		Use applicable when indicated in ElsaWeb (L/R)	
Parts Manufacturer	Routan				USM ²⁾
Labor Operation ³⁾ : Inspect Front Brake Linings Only	46363699 = 20 TU				

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Labor Operation ³⁾ : Inspect and Install New Front Brake Linings, Replace Both Front Brake Discs	46365699 = 70 TU	
Causal Part:	7B0698151F	
Diagnostic Time ⁴⁾		
GFF Time expenditure	01500000 = 00 TU max.	NO
Road Test	01210002 01210004 = 00 TU	NO
Technical Diagnosis	0132xxxx = 00 TU max.	NO
Claim Comment: Input "As per Technical Bulletin 2028122" in comment section of Warranty Claim.		
1) Vehicle may be outside any Warranty in which case this Technical Bulletin is informational only		
2) Code per warranty vendor code policy.		
3) Labor Time Units (TUs) are subject to change with ELSA updates.		
4) Documentation required per Warranty Policy Procedures Manual.		

Required Parts and Tools

Part Description	Part No:	Quantity
Brake Disc	7B0615301C	AR2
Brake Lining Kit	7B0698151F	1

No special tools required.

Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.