

# Technical Service Bulletin



## 46 Brakes make moaning or "muh" noise when accelerating from stop or turning at slow speeds

46 13 32 2016681/8 March 18, 2013. Supersedes Technical Service Bulletin Group 47 number 10-01 dated July 15, 2010 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4	2006 - 2008	All	FNRG Brakes
A6	2005 – 2011	All	FNRG Brakes
A4 Cabriolet	2006 –2009	All	FNRG Brakes

## Condition

REVISION HISTORY		
Revision	Date	Purpose
8	-	Revised <i>Warranty</i> (adjusted TUs)
7	7/15/2010	Revised header data (Controlling TSB display in ElsaWeb)
6	11/4/2008	Revised title to include Repair Group

- “Muh” sound or moaning noise coming from the front brakes (FNRG) in the following conditions:
  - Slowly pulling away after a stop.
  - While turning at low speeds.
- The performance of the brakes is not compromised.

## Technical Background

The pistons in the calipers in certain vehicles may not retract far enough, which may leave contact between the rotor and pad. This contact may cause a “muh” sound or moaning noise in low speed conditions.

## Production Solution

New caliper piston seals have been developed to allow the pistons to retract further.

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## Service

Install the new caliper piston seal (**4E0698471A**) according to the instructions in *Repair Manual >> Chassis >> 47 Brakes – Hydraulic components >>Front Brake Calipers >>Front Brake Caliper, FNR and G60, Servicing.*

**!** **Note:**

Use of unapproved assembly lubricant will decrease effectiveness of new seal. Only use new brake fluid conforming to US-Norm FMVSS 116 Dot 4 for installation of new caliper piston seal.

## Warranty

<b>Claim Type:</b>	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
<b>Service Number:</b>	4739		
<b>Damage Code:</b>	0010		
<b>Labor Operations:</b>	2 Front brake calipers, remove + reinstall	4739 2000	70 TU
	2 Front brake calipers repair	4739 4250	70 TU
	Brake system bleed	4701 0750	30 TU
<b>Diagnostic Time:</b>	GFF	No allowance	0 TU
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
	Technical diagnosis	No allowance	0 TU
<b>Claim Comment:</b>	As per TSB #2016681/8		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

## Required Parts and Tools

Part Number	Part Description	Quantity
4E0698471A	Seal kit	2 (1 for each caliper)

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## Additional Information

All parts and service references provided in this TSB are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.