

Technical Service Bulletin



46 Squeal from front brakes

46 15 03 2039615/1 February 9, 2015.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q5	2013	All	2.0T (non-Hybrid)
Q5	2014	000001 - 100044	2.0T (non-Hybrid)
Q5	2013 - 2014	All	3.0T (without SQ5)
Q5	2015	000001 - 030498	3.0T (without SQ5)
Q5	2014	All	TDI
Q5	2015	000001 - 030498	TDI

Condition

Customer may report hearing brake noise when the vehicle comes to a stop.

Technical Background

Not applicable.

Production Solution

Improved front brake pads introduced in production starting with the following VINs:

- **Q5 2.0T (non-hybrid):** from VIN WA1CFCFP7EA100044.
- **Q5 3.0T & TDI (without SQ5):** from VIN WA1DGAFP3FA030498.

Service

1. Before proceeding, confirm that this bulletin applies by checking the following table.

Model	Model years	Front brakes (Brembo)	
		Disc size	PR code
Q5 2.0T (non-hybrid)	2013 – 2014 (VIN break in 2014)	320 x 30 mm	1LB
Q5 3.0T (without SQ5)	2013 – 2015 (VIN break in 2015)	345 x 30 mm	1LE
Q5 TDI	2014 – 2015 (VIN break in 2015)	345 x 30 mm	1LE



Note:

- This TSB only applies to Q5 models listed in the table above.
- This TSB *does not* apply to Q5 models built before 2013 and does not apply to hybrid or SQ5 models (due to different front brakes).

2. Replace the front brake pads according to the instructions in Elsa at: *Repair manual >> Chassis Brake System >> 46 Mechanical Components >> Front Brakes >> Brake Pads, Removing and Installing, Brake 1LB and 1LC or Brake Pads, Removing and Installing, Brake 1LE and 1LP.*



Note:

- Some vehicles have two shims glued to the back of the front brake pads (Figure 1). **Do not** transfer these shims to the new pads.
- New brake pads have an adhesive backing that should be used to properly attach the pads to the caliper.

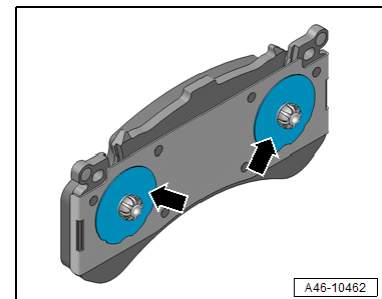


Figure 1. Shims on back of front brake pads.

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Tip: Rust/corrosion build-up, grooves, or glazing on the braking surface of the brake disc may cause brake noise and must be considered when replacing brake pads. Brake discs that are worn close to the wear limit or that at the wear limit may also contribute to brake noise.

Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	4636		
Damage Code:	0020		
Labor Operations:	2 wheels remove+reinstall	4405 2000	20 TU
	Brake pads, front remove+reinstall	4636 2050	50 TU
Diagnostic Time:	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 at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2039615/1		

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
8R0698151L	1 set of brake pads for disc brakes	1
Check ETKA for applicable part number	Contact (wear sensor)	1

Additional Information

All parts and service references provided in this TSB (2039615) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.