

46 Rattling noises from front axle on uneven roads (brake disc)

46 14 65 2035113/3 January 3, 2014. Supersedes Technical Service Bulletin Group 46 number 13-60 dated October 16, 2013 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment	
A8	2011 - 2013	All	Not Applicable	
SQ5	2013 - 2014	All	Not Applicable	

Condition

REVISION HISTORY					
Revision	Date	Purpose			
3	-	Revised header data (Added SQ5) Revised <i>Warranty</i> (Added SQ5)			
2	10/16/2013	Revised Attachments (Changed video file formats)			
1	08/26/2013	Initial publication			

Customer may report rattling noises from front axle on uneven roads.

Technical Background

There are conflicting tolerances in the alignment of pin and hole on the front brake discs.

Production Solution

Not applicable.

All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.

Technical Service Bulletin



Service

- 1. Verify that the noise is coming from the front of the vehicle.
- 2. Remove the front wheels and front brake discs.

Tip: Place the brake disc on the brake disc hub (wheel contact surface) so that the friction surface is not damaged during testing.

- 3. Check the brake discs according to the attached videos. Multiple versions of each video are attached to accommodate various video players and internet browsers.
 - If the brake discs sound like the sound in video 1, the brakes can stay on the vehicle.
 - If the brake discs sound like the sound in video 2, the brake disc pins are loose and are the cause of the rattling noise. Replace both front brake discs.

Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.				
Service Number:	4650				
Damage Code:	0020				
Labor Operations:	2 front wheels remove + reinstall	4405 2000	20 TU		
	2 front brake discs remove + reinstall	4650 2050 (A8)	50 TU (A8)		
		4650 2050 (SQ5)	40 TU (SQ5)		
	Check 2 front brake discs	4650 0299	5 TU		
Diagnostic Time:	Road test prior to service procedure	0121 0002	10 TU		
	Road test after service procedure	0121 0004	10 TU		
	Only applicable if the front brake discs were replaced.				
	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 #2035113/3				

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.

© 2014 Audi of America, Inc.

Page 2 of 3

All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.



Technical Service Bulletin

Additional Information

All parts and service references provided in this TSB (2035113) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

© 2014 Audi of America, Inc.

Page 3 of 3

All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.