

Technical Service Bulletin



26 Exhaust manifold heat shield, noises from engine compartment - 5.2 ltr. V10 FSI

26 23 50 2070152/1 April 27, 2023.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
R8, and R8 Spyder	2016 – 2023	All	Not Applicable

Condition

Customer states:

- Whirring/ringing noises when accelerating at engine RPM between 2000 and 2500 rpm.

Workshop findings:

- Noise complaint can be duplicated and sounds like a whirring/ringing noise produced by a metal panel.

Technical Background

Due to tight component tolerances, vibrations may occur under specific loads and engine RPM ranges and result in minimal contact between the exhaust manifold heat shields and the exhaust manifolds.

Production Solution

Not Applicable

Service

If the customer complaint is similar to the noise which can be heard after 12-13 seconds in example video 1, please check the manifold heat shields on bank 1 and bank 2 in accordance with example videos 2 (OK) and 3 (not OK).





Figure 1: This video demonstrates the noise that a customer may report, which can be heard 12-13 seconds into the video.

Figure 2: This video demonstrates the sound that is produced by the heat shield when checking for proper fit.

Figure 3: This video demonstrates the noise that is produced by the heat shield when there is not enough clearance.

You may access all three videos here:

<https://audi-external.kzoplatfrom.com/containers/2464810158010668389>

If there is a similar noise issue with the heat shields, the affected heat shield must be adjusted (while still installed) to allow for greater clearance between the heatshield and the exhaust manifold.



Figure 4: The manifold heat shield is circled in red.

Warranty

Technical Service Bulletin



Claim Type:	<ul style="list-style-type: none">• 110 Up to 48 Months/50,000 Miles.• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2612		
Damage Code:	0020		
Labor Operations:	Modify manifold heat shields (Coupé)	2612 4999	20 TU
	Modify manifold heat shields (Spyder)	2612 4999	80 TU
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to the service procedure	0121 0002	10 TU
	Road test after the service procedure	0121 0004	10 TU
Claim Comment:	As per TSB 2070152/1		

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.

Additional Information

All part and service references provided in this TSB (**2070152**) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

©2023 Audi of America, Inc. All rights reserved. The 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.