

# Technical Service Bulletin



## 01 Noises/rattling from turbocharger (V6 2.9 L. TFSI)

01 23 42 2066547/2 February 7, 2023. Supersedes Technical Service Bulletin Group 01 number 22-18 dated March 21, 2022 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
RS 5, and RS 5 Sportback	2021	All	Not Applicable

## Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised <i>Service</i> (Updated SVM Code )
1	03/21/2022	Initial publication

### Customer statement:

Rattling noises are heard from the engine compartment when the accelerator pedal is pressed gently with the vehicle stationary.

### Workshop findings:

The customer complaint can be reproduced. Slight play at the turbocharger wastegate flap linkage causes a rattling noise when the engine speed tails off.



## Technical Background

The software for the Engine control module, J623 (address word 0001) needs to be updated.

## Production Solution

Updated software was implemented in production.

## Service

Please update the engine control module J623 (address word 0001) using the software code below.

**SVM code: 01A234**

**SVM Update Instructions**



**Always use DoIP when flashing a control module via ODIS in supported vehicles.**

**To Activate DoIP, select *Administration>>General>>GFF Process>>DoIP communication>>Only allow DoIP communication***

**This setting will automatically reset when the diagnostic session is ended.**

**You can tell if DoIP is active by observing a red LED on the VAS 6154(A).**

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions.*
2. Update the J623 (0001) using the SVM action code as listed in the table below, if necessary:

Model	Engine and/or Transmission	Old Software Part Number	Old Software Version	New Software Part Number (or higher)	New Software Version (or higher)	SVM Code Input
RS5	DECA	8W0.907.551.D	0002 - 0003	8W0.907.551.D	0004	01A234

## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"> <li>• 110 up to 48 Months/50,000 miles.</li> <li>• G10 for CPO Covered Vehicles – Verify owner.</li> <li>• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.</li> </ul>		
<b>Service Number:</b>	2130		
<b>Damage Code:</b>	0020		
<b>Labor Operations:</b>	Software Update (Includes checking for DTCs)	0151 0000	Time stated on the diagnostic protocol (Max 50 TU)
<b>Diagnostic Time:</b>	GFF	No allowance	0 TU
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	No allowance	0 TU
<b>Claim Comment:</b>	As per TSB 2066547/2		

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

Tool Number	Tool Description
VAS 6160/VAS 6150	VAS tester with the current version of ODIS (Windows 10)

## Additional Information

All part and service references provided in this TSB (**2066547**) 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.