



Technical Service Bulletin

01 Whistling noises from turbocharger at 1500-2200 rpm and approx. 70% load - 4-cyl. 2.0 TFSI

01 24 14 2071243/2 March 20, 2024. Supersedes Technical Service Bulletin Group 01 number 24-07 dated January 30, 2024 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A4 allroad, A5, A5 Cabriolet, A5 Sportback, Q5, and Q5 Sportback	2021 - 2023	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised attachments (Relocated for visibility) Revised <i>Warranty</i> (Changed labor ops)
1	01/30/2024	Initial publication

Customer states:

- A whistling noise can be heard when accelerating or driving at a constant speed (in combustion mode).
- The noise occurs between 1500 and 2200 rpm and at approx. 70% load.
- The noise can be heard irrespective of which transmission position is selected.

Workshop findings:

- The customer concern can be duplicated.
- The noise has a frequency between 2.8 kHz and 3.2 kHz (can be determined using a PICO measurement).

Technical Background

In rare cases, the turbocharger (part number 06N.145.702.D) can cause an audible whistling noise.

Production Solution

Not applicable.

Service



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Please refer to the attached document for **VAS 611015** (NVH measurement).

Please replace the turbocharger.

NOTICE

Replacing the turbocharger with one with an identical part number (part number 06N.145.702.D) will not fix the problem. Check ETKA for an alternative available part number.

- When performing the analysis, ideally, the VAS tool 611015 (PICO NVH tool) should be used to identify the noise with the measuring set-up described below.
- When performing analysis and billing with VAS 611015, please also observe TSB 2070568: *Engine/Gearbox: professional noise analysis with PICO-NVH tool.*
- Details about the configuration, positions and analysis of the measurement are included in the attached document.
- If part replacement is necessary, please complete the document called “measurements” in the attachments and retain it with the customer records.

Warranty

Claim Type:	<ul style="list-style-type: none"> • 110 Up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	2130		
Damage Code:	0020		
Labor Operations:	Set-up time for noise analysis tool - VAS tool 611015 (PICO NVH tool)	0161 0599	40 TU
	Check turbocharger (noise analysis)	0161 0099	Time stated on the diagnostic protocol (Max 40 TU)
	Remove and install turbocharger	2130 55xx	See SRT with associated operations
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 50 TU)
	Road test before the service procedure	No Allowance	0 TU



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	Road test after the service procedure	0121 0004	10 TU
Claim Comment:	As per TSB 2071243/2		

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

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA
See ETKA	Turbocharger	01

Additional Information

All parts and service references provided in this TSB (**2071243**) are subject to change and/or removal.

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