



Technical Service Bulletin

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

01 24 07 2071243/1 January 30, 2024.

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

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

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.



Technical Service Bulletin

- 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.

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 0050	See SRT with associated operations
	Check turbocharger (noise analysis)	2130 0199	See SRT with associated operations
	Remove and install turbocharger	2130 19xx	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
	Road test after the service procedure	0121 0004	10 TU
Claim Comment:	As per TSB 2071243/1		

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

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.



Technical Service Bulletin

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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