



# Technical Service Bulletin

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

01 24 46 2071243/3 November 27, 2024. Supersedes Technical Service Bulletin Group 01 number 24-14 dated March 20, 2024 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q5, and Q5 Sportback	2021 – 2025	All	Not Applicable
A4, A4 allroad, A5, A5 Cabriolet, and A5 Sportback	2021 – 2023		

### Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised header (added model years) Revised <i>Service</i> (added part number, document, and statements) Revised <i>Warranty</i> (Changed labor ops)
2	03/20/2024	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 1

In rare cases, the turbocharger (part number 06N.145.702.D or 06N.145.701.D) can cause an audible whistling noise.



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## Production Solution

Not applicable.

## Service

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

- 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.
- **Please also observe the TSB 2075194/1 on noises from engine compartment in the Q5 FY models.**
- Please replace turbocharger.



The noise described is a normal turbocharger operating noise. In rare cases, the noise may be heard in the vehicle interior. The above measures can be used to reduce vehicle interior noise.

This is only a comfort complaint.

Please explain to the customer that no negative effects on wear or vehicle condition are to be expected.



### NOTICE

Replacing the turbocharger with an identical part number (06N.145.702.D or 06N.145.701.D) will not fix the problem. Check ETKA for an alternative available part number.

## Warranty

<b>Claim Type:</b>	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
<b>Service Number:</b>	2130		
<b>Damage Code:</b>	0020		
<b>Labor Operations:</b>	Set-up time for noise analysis tool - VAS tool 611015 (PICO NVH tool)	0161 0050	40 TU



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	Check turbocharger (noise analysis)	0161 0099	Time stated on the diagnostic protocol
	Remove and install turbocharger	2130 55xx	See SRT with associated operations
	GFF	0150 0060	Time stated on the diagnostic protocol
	Charge battery	2706 8950	See SRT with associated operations
	Road test before the service procedure	No Allowance	0 TU
	Road test after the service procedure	0121 0004	10 TU
<b>Claim Comment:</b>	As per TSB 2071243/3		

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.

## 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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