

Technical Service Bulletin

01 Engine Crankcase breather Whistling Noise and DTC P227900 warning light ON

01 23 79 2069351/4 September 20, 2023. Supersedes Technical Service Bulletin Group 01 number 23-59 dated June 28, 2023, for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8	2019 – 2022	All	With 4.0L Engine
S8	2020 – 2022		
SQ7, SQ8, and RS Q8	2020 – 2023		
RS 6 Avant, and RS 7	2021 – 2023		

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Updated <i>Warranty</i> (Updated Service Number and Damage Code)
3	06/28/2023	Updated <i>Production Solution</i> (Added dates) Revised <i>Warranty</i> (Corrected Labor Operations)
2	02/13/2023	Revised <i>Warranty</i> (Corrected Labor Operations)

Customer states:

- Exhaust warning light is ON.

AND/OR

- A whistling noise can occasionally be heard from the engine compartment.

Workshop findings:

The following DTCs may be stored in the engine control module ECM, J623 (address word 0001):

- DTC P227900** Intake Air System (Bank 1).

DTCs connected to misfires may be present on bank 2.

Technical Background

Not applicable.

Production Solution



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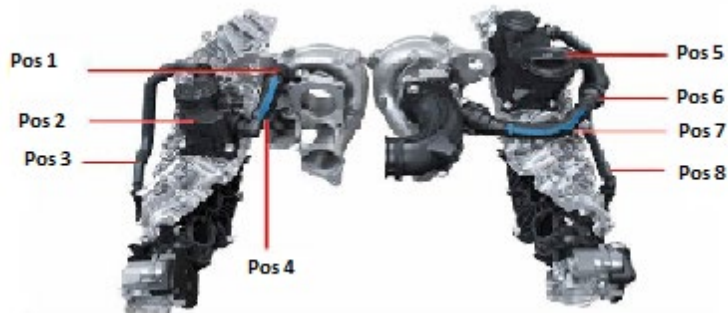
Improved crankcase full load breather line for bank 1 have been implemented in production between the end of Q2 2021 and the start of Q4 2021, depending on engine version. See table below:

Model	Engine code	Vehicle production date
A8	CXYA	10/28/2021
S8	CWWB	10/13/2021
SQ7/SQ8	DCUE	08/20/2021
RS Q8	DHUB	08/18/2021
RS 6/RS 7	DJPB	06/24/2021

Service

In this case, replace the full load breather line for cylinder bank 1.

1. Do not replace the oil separator for bank 1 or bank 2 or the part load breather lines.
2. Please refer to image of the crankcase breather from the Self Study Program 920493 as a guide.



Item 1: Non-return valve

Item 2: Oil separator for bank 1

Item 3: Part load breather line

Item 4: Full load breather line for bank 1 (Replacement required)

Item 5: Oil separator for bank 2

Item 6: Non-return valve

Item 7: Full load breather line

Item 8: Part load breather line

Warranty



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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:	1051		
Damage Code:	0050		
Labor Operations:	Remove and install engine cover (Only A8 and S8)	1083 1900	See SRT with associated operations
	Remove and install heat shield (Only RS 6 and RS 7)	2612 1923	See SRT with associated operations
	Remove and install air filter housing (Only SQ7,SQ8 and RS Q8)	2425 1923	See SRT with associated operations
	Remove and install crankcase breather hose	1052 1999	20 TU
Diagnostic Time:	GFF – Checking and clearing fault codes included in existing labor operations	0150 0000	Time stated on diagnostic protocol (Max 15 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 2069351/4		

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 (**2069351**) 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.



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