



Technical Service Bulletin

01 MIL on with hissing noise, DTC P227900 is stored in the ECM

01 21 95 2054795/2 January 12, 2021. Supersedes Technical Service Bulletin Group 01 number 19-15 dated April 23, 2019 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q8	2019 – 2020	All	Not Applicable
Q8	2021	000001 - 012624	Not Applicable
Q7	2020	All	Not Applicable
Q7	2021	000001 - 017214	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Updated models) Revised <i>Technical Background</i> (Updated) Revised <i>Production Solution</i> (Updated information) Revised <i>Service</i> (Updated information) Revised <i>Warranty</i> (Added table) Revised <i>Required Parts and Tools</i> (Added table)
1	04/23/2019	Initial publication

Customer states:

- MIL on.
- Hissing noise from the engine compartment during idle.

Workshop findings:

The following DTC is stored in the engine control module (ECM), J623 (address word 0001):

- **DTC P227900** (Intake Air System Leak).



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Technical Background

During assembly, the oil fill extension tube (Figure 1) may have been assembled incorrectly. If this extension tube is cross-threaded, an intake/vacuum leak may be generated at the interface between the extension tube and the valve cover (Figure 1, 7).

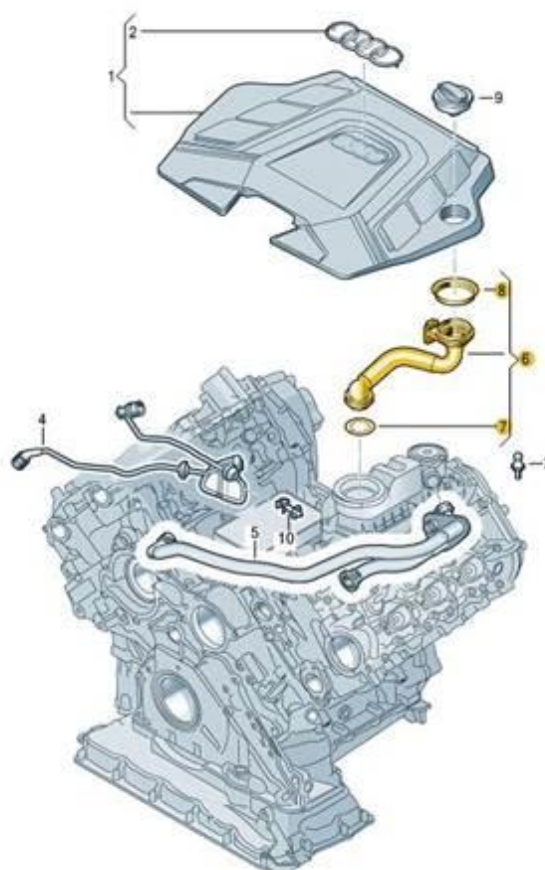


Figure 1. Oil fill extension tube (see possible cross-threading at number 7 on diagram).

Production Solution

To improve the assembly, the oil fill extension tube has been geometrically optimized and improvements in the assembly process were implemented.

Service

If an intake/vacuum leak is suspected, please inspect this component and verify proper sealing. If any components are damaged from cross threading, replace as necessary.



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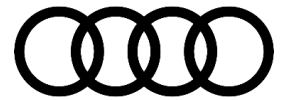
Warranty

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 any warranty, this Technical Service Bulletin is informational only.		
Service Number:	1715		
Damage Code:	0050		
Labor Operations:	Oil fill tube removed + reinstalled	1715 1923	See SRT with associated operations
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 20 TU)
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	0121 0004	10 TU
Claim Comment:	As per TSB #2054795/2		

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
06A103483D	Gasket	01
4M0115301K	Tube	01



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Additional Information

All part and service references provided in this TSB (2054795) 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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