

Technical Service Bulletin

Topic	15 Engine: Cylinder head cover - oil residue Q5 (inline 4-cyl., 2.0 ltr. TFSI)
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2072716/6
Level	EH
Status	Released for publishing
Release date	Apr 10, 2025

New customer code

Object of complaint	Complaint type	Position
engine -> cylinder head, valvetrain -> cylinder head	leaks -> oil leaking	

Vehicle data

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
FY*	2021	A		DPVA	*	*
FY*	2022	A		DPVA	*	*
FY*	2023	A		DPVA	*	*
FY*	2024	A		DPVA	*	*

Documents

Document name
master.xml

Condition

REVISION HISTORY		
Revision	Date	Purpose
6	-	Revised <i>Service</i> (Updated the caution section)
5	09/17/2024	Revised <i>Service</i> (Updated photos and work instructions) Revised <i>Warranty</i> (Updated labor ops)
4	07/27/2024	Revised <i>Service</i> (Updated photos and work instructions) Revised <i>Warranty</i> (Updated labor operations)

Customer states:

- There is oil residue on the cylinder head cover.

Workshop findings:

- Cylinder head cover leaking in the area around the threaded connection (on one or more bolts).

Technical Background

In rare cases, the cylinder head cover bolts may become loose, resulting in oil residue around the threaded connection.

Production Solution

WA1GAAFY6R2117575 with production date May 2024.

Service

NOTICE

Try to reproduce the customer complaint (based on the description/cause of the issue), so that it can be clearly assigned to this TSB. The following repair must only be carried out if all the criteria (model/type, chassis number, engine/motor, gearbox code, PR number(s), part number, software version, code, etc.) apply exactly. Otherwise, this solution will not eliminate the problem and repeat repairs may be necessary. In such a case, the warranty claim may be rejected, and the cost of the parts may be charged back.

- Please check all 22-cylinder head cover bolts
- The oil separator must be removed.
- Check that the bolts are tightened to a torque of 14 Nm in the order shown in Figure 1.

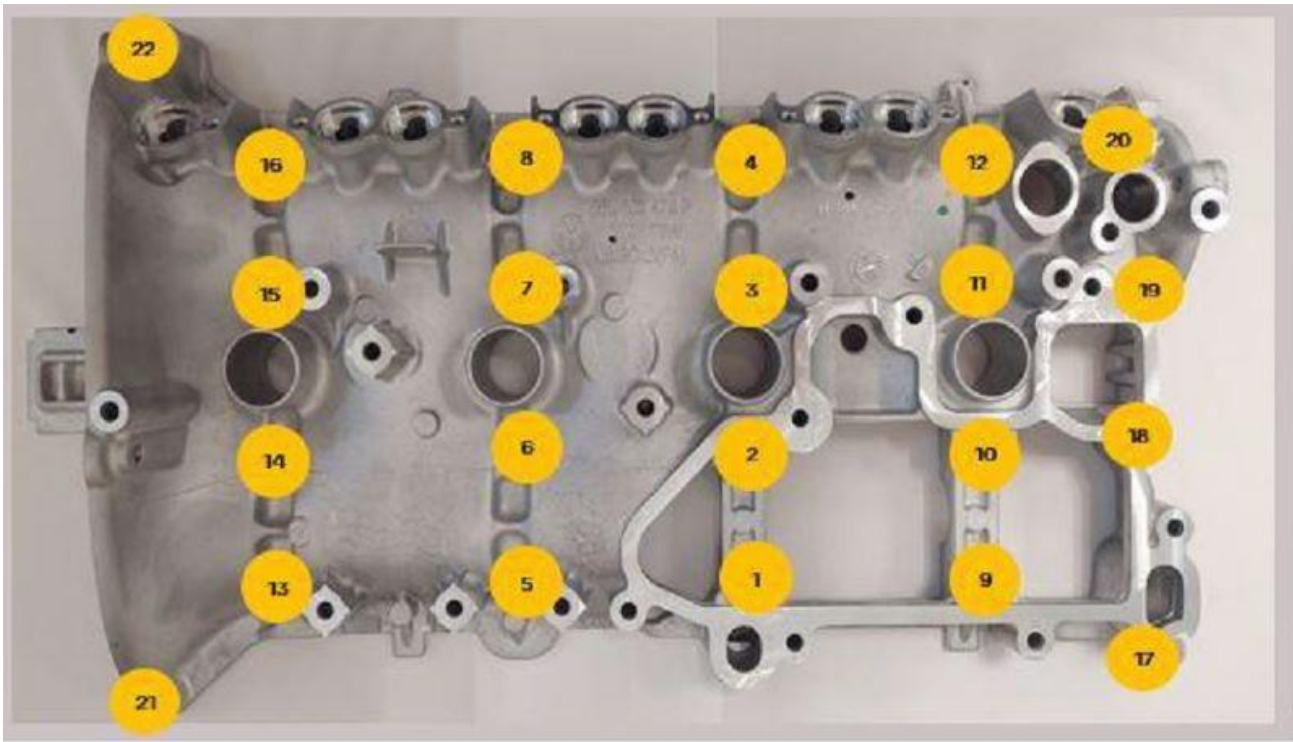


Figure 1: Sequence of checking bolts

- Replace any loose bolts.
- Tighten the new bolt(s) to a torque of 8 Nm + 90°.
- If several bolts are affected, do not loosen them at the same time (i.e. several at once). Please remove, replace, and tighten the bolts one by one in order shown in Figure 1.

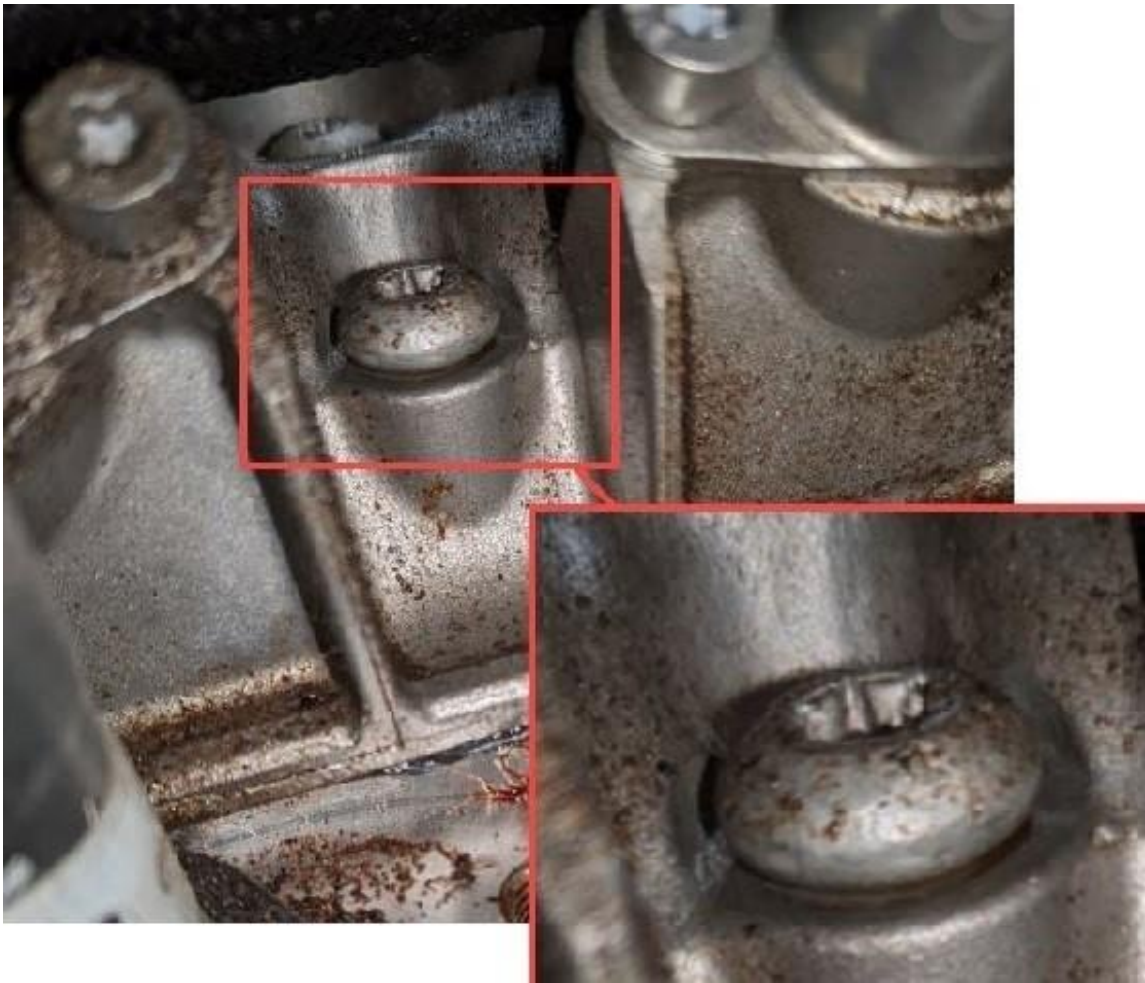


Figure 2: Oil on the threaded connection.

- Please ensure that replacing the bolts remedies the leaking.
- In this case, contrary to the information in ELSA, the oil separator gasket should be reused after removing the oil separator if it is not damaged. Please only remove the gasket from the oil separator if it is damaged.



CAUTION

If the torque wrench does not click after a quarter turn (90°) when checking the bolts are tightened to 14Nm, the affected bolt must be replaced.

- **When replacing the new bolt, it must be tightened to a torque of 8 Nm + 90°. If several bolts are affected, do not loosen them at the same time (i.e. several at once). Please remove, replace, and tighten the bolts one by one in order shown in figure 1.**
- **When re-tightening the bolt(s), the maximum torque of 14 Nm must not be exceeded.**

When billing, please always attach photo(s) that clearly shows the complaint to DOC-IT. To ensure a reference to the vehicle, the image must:

- Include the VIN and date.
- Must not be edited.
- Should be in focus and taken with sufficient light. A high resolution is not necessary.

If appropriate, please mark the location of the problem so that parts analysis has a clear reference to the complaint. Please ensure that the photo documentation does not show any persons and/or face, license plates, or customer

data.

Warranty

Claim Type:	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	1570		
Damage Code:	0050		
Labor Operations:	Remove and install ignition coils (if necessary)	2820 2033	See SRT with associated operations
	Remove and install oil separator	1055 1999	20 TU
	Secure camshaft housing	1503 1399	30 TU
	Engine Clean	1001 2952	10 TU
Claim Comment:	As per TSB 2072716/6		

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.

Additional Information

All part and service references provided in this TSB (**2072716**) 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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