

## Technical Service Bulletin

|                        |                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------|
| <b>Topic</b>           | 01 MIL on, Whistling noise, leaking air Bank 2 - DTC P2ADF00, Engine Crankcase breather |
| <b>Market area</b>     | United States 444 Volkswagen of America, Inc. (6444)                                    |
| <b>Brand</b>           | Audi                                                                                    |
| <b>Transaction No.</b> | 2071318/6                                                                               |
| <b>Level</b>           | EH                                                                                      |
| <b>Status</b>          | Released for publishing                                                                 |
| <b>Release date</b>    | May 19, 2025                                                                            |

### New customer code

| Object of complaint                                                        | Complaint type            | Position |
|----------------------------------------------------------------------------|---------------------------|----------|
| engine -> intake system, compressor systems, vacuum system -> turbocharger | leaks -> connection leaks |          |

## Vehicle data

### A8 and S8 Models

#### Sales types

| Type | MY   | Brand | Designation | Engine code | Gearbox code | Final drive code |
|------|------|-------|-------------|-------------|--------------|------------------|
| 4N*  | 2019 | A     |             | CXYA        | *            | *                |
| 4N*  | 2020 | A     |             | CXYA        | *            | *                |
| 4N*  | 2021 | A     |             | CXYA        | *            | *                |

### RS6 and RS7 Models

#### Sales types

| Type | MY   | Brand | Designation | Engine code | Gearbox code | Final drive code |
|------|------|-------|-------------|-------------|--------------|------------------|
| 4A*  | 2021 | A     |             | DJPB        | *            | *                |
| 4A*  | 2022 | A     |             | DJPB        | *            | *                |
| 4A*  | 2023 | A     |             | DWLA        | *            | *                |
| 4K*  | 2021 | A     |             | DJPB        | *            | *                |
| 4K*  | 2022 | A     |             | DJPB        | *            | *                |
| 4K*  | 2023 | A     |             | DWLA        | *            | *                |

### SQ7 and SQ8 Models

#### Sales types

| Type | MY   | Brand | Designation | Engine code | Gearbox code | Final drive code |
|------|------|-------|-------------|-------------|--------------|------------------|
| 4M*  | 2020 | A     |             | DCUE        | *            | *                |

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| Type | MY   | Brand | Designation | Engine code | Gearbox code | Final drive code |
|------|------|-------|-------------|-------------|--------------|------------------|
| 4M*  | 2021 | A     |             | DCUE        | *            | *                |
| 4M*  | 2022 | A     |             | DCUE        | *            | *                |
| 4M*  | 2023 | A     |             | DWRB        | *            | *                |

RS Q8

Sales types

| Type | MY   | Brand | Designation | Engine code | Gearbox code | Final drive code |
|------|------|-------|-------------|-------------|--------------|------------------|
| 4M*  | 2020 | A     |             | DHUB        | *            | *                |
| 4M*  | 2021 | A     |             | DHUB        | *            | *                |
| 4M*  | 2022 | A     |             | DHUB        | *            | *                |
| 4M*  | 2023 | A     |             | DWNB        | *            | *                |

Documents

| Document name              |
|----------------------------|
| <a href="#">master.xml</a> |

## Condition

| REVISION HISTORY |            |                                                    |
|------------------|------------|----------------------------------------------------|
| Revision         | Date       | Purpose                                            |
| 6                | -          | Revised <i>Warranty</i> (Corrected typo)           |
| 5                | 10/08/2024 | Revised <i>Service</i> (Remove fault code)         |
| 4                | 11/06/2023 | Revised <i>Warranty</i> (Updated Labor Operations) |

### Customer states:

- The MIL or Exhaust warning light is ON.
- A whistling noise may be heard from the engine compartment.

### Workshop findings:

- Entry P2ADF (Intake Air System Leak (bank 2)) is logged in the event memory of the engine control unit.
- Event memory entries on misfiring on bank 1 are also logged.

## Technical Background

Not applicable.

## Production Solution

Not applicable.

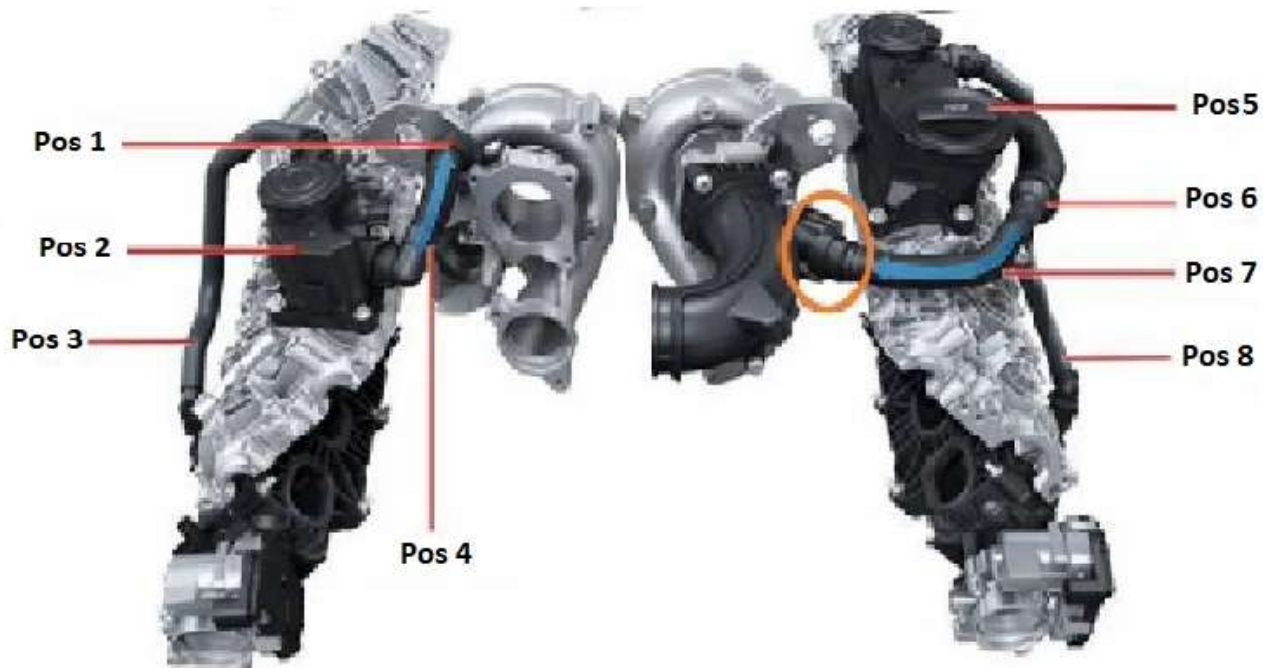
## Service

### 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 and 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, we may reject the warranty claim and charge back the cost of parts.**

In this case, replace the full load breather line for **cylinder bank 2**. Do not replace the oil separator for bank 1 and bank 2 or the part load breather lines. Please note that the connection for the full load breather line (cylinder bank 2) to the air pipe (see orange marking in illustration below) is a “not to open” connection. This means that the full breather line (bank 2) cannot be detached from the air pipe without being irreparably damaged. Please note the relevant information in the Workshop Manual (chapter: Engine Lubrication/ crankcase breather).

Below is an illustration of the crankcase breather from the SSP 676/ SSP 920493.



- Item 1: Non-return valve
- Item 2: Oil separator for bank 1
- Item 3 Part load breather line for bank 1
- Item 4: Full load breather line for bank 1
- Item 5: Oil separator for bank 2
- Item 6: Non-return valve *(Not applicable for engine codes CWWB, and DWKA, because Non-return valve is integrated into the intake manifold)*
- **Item 7: Full load breather line for bank 2**
- Item 8: Part load breather line

## Warranty

|                          |                                                                                                                                                       |           |                                    |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------|
| <b>Claim Type:</b>       | <ul style="list-style-type: none"> <li>• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.</li> </ul> |           |                                    |
| <b>Service Number:</b>   | 1051                                                                                                                                                  |           |                                    |
| <b>Damage Code:</b>      | 0050                                                                                                                                                  |           |                                    |
| <b>Labor Operations:</b> | Remove and install crankcase breather hose                                                                                                            | 1052 1923 | See SRT with associated operations |
|                          | GFF                                                                                                                                                   | 0150 0000 | See SRT with associated operations |
|                          | Road test prior to the service procedure                                                                                                              | 0121 0002 | 10 TU                              |

|                       |                                       |           |                                    |
|-----------------------|---------------------------------------|-----------|------------------------------------|
| <b>Claim Comment:</b> | Road test after the service procedure | 0121 0004 | 10 TU                              |
|                       | Charge Battery                        | 2706 8950 | See SRT with associated operations |
|                       | As per TSB 2071318/6                  |           |                                    |

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.

## 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 parts and service references provided in this TSB (**2071318**) are subject to change and/or removal.

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