

# Technical Service Bulletin

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Topic           | Fuel pressure regulator - DTC P242200 with symptom code 14536 evident within address 0001                                                                                                                                                                                                                                                                                                                                                 |  |  |
| Market area     | Australia E04 Bentley rest Asia and Australia (6E04),China 723 Volkswagen (Anhui) Automotive CO (6723),China 796 VW Import Comp. Ltd (Vico), Beijing (6796),Germany E02 Bentley rest Europe (6E02),Japan E03 Bentley Japan (6E03),Korea, (South) E08 Bentley South Korea (6E08),United Arab Emirates E06 Bentley Middle East and Africa (6E06),United Kingdom E01 Bentley UK (6E01),United States E05 Bentley USA and rest America (6E05) |  |  |
| Brand           | Bentley                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
| Transaction No. | 2065926/4                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |
| Level           | EH                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |
| Status          | Released for publishing                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
| Release date    | Feb 21, 2025                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |

## Diagnostic trouble codes

| Diagnostic address        | Diagnostic trouble code                      | Fault symptom | Storage state |
|---------------------------|----------------------------------------------|---------------|---------------|
| 0001 - Engine electronics | P242200: EVAP System Vent Valve Stuck Closed |               | Intermittent  |
| 0001 - Engine electronics | P242200: EVAP System Vent Valve Stuck Closed |               | static        |

## New customer code

| Object of complaint                                                                                                                  | Complaint type                           | Position |
|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------|
| engine -> fuel supply                                                                                                                | functionality                            |          |
| information, navigation, communication, entertainment -> information display symbols -> fuel filler door lock information display    | functionality -> does not activate       |          |
| information, navigation, communication, entertainment -> information display symbols -> fuel reserve information display             | functionality -> activates without cause |          |
| information, navigation, communication, entertainment -> malfunction display symbols -> emissions control system malfunction display | functionality -> activates               |          |

## New workshop code

| Object of complaint                                          | Complaint type                           | Position |
|--------------------------------------------------------------|------------------------------------------|----------|
| engine -> fuel supply -> tank ventilation pressure sensor    | electrical -> connector contact corroded |          |
| engine -> fuel supply -> tank ventilation pressure sensor    | electrical -> connector incorrect        |          |
| engine -> fuel supply -> fuel pressure sensor (low pressure) | functionality -> no function             |          |

# Vehicle data

## Bentayga Hybrid

### Sales types

| Type   | MY   | Brand | Designation | Engine code | Gearbox code | Final drive code |
|--------|------|-------|-------------|-------------|--------------|------------------|
| 4V14F9 | 2021 | E     |             | *           | *            | *                |
| 4V14F9 | 2022 | E     |             | *           | *            | *                |
| 4V14F9 | 2023 | E     |             | *           | *            | *                |
| 4V14F9 | 2024 | E     |             | *           | *            | *                |
| 4V14F9 | 2025 | E     |             | *           | *            | *                |

# Documents

| Document name |
|---------------|
| master.xml    |

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## Condition

### Customer statement:

The warning lamp for the emission control system is displayed within the DIP

### Workshop findings:

DTC P242200 with Symptom Code 14536 - EVAP System Vent Valve Stuck Closed - DTC evident in Engine Control Module Address 0001

## Technical Background

In the event the afore mentioned symptoms are evident, the operative should conduct the instructions within the Measure section of this TPI



Hybrid vehicles use a High voltage system and MUST only be worked on by suitably qualified personnel

Refer to "Vehicle electrics" within the repair manual/Safety precautions when working in the vicinity of high-voltage components

## Production Solution

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## Service



**VERY IMPORTANT: The following repair work MUST only be conducted by suitably qualified personal**

- 1) Referring to Rep.Gr 20 - Replace the Pressure regulator assembly and associated components
- 2) Conduct a road test in EV Mode and/or Hybrid drive mode where possible
- 3) On return from road test - Check to confirm the issue is resolved and DTC P242200 is not evident within address 0001

## Warranty

### Time to replace the Pressure regulator

Warranty Type 110 or 910

Damage Service Number 20 67

Damage Code 00 40

### Labour

Labour Operation Code 20 67 19 00 (Use 99 index until 17/03/22)

Time 60 TU

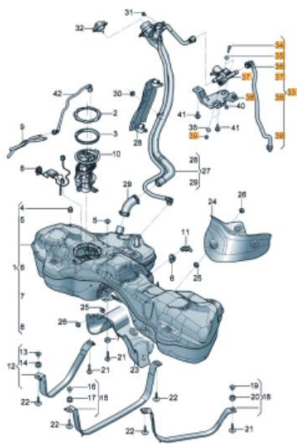
### Road test

Labour Operation Code 01 21 00 00

Time 50 TU

## Required Parts and Tools

4M0 201 549A - Pressure regulator assembly and associated parts as shown below



|      |               |                               |       |
|------|---------------|-------------------------------|-------|
| ▶ 33 | 4M0 201 549 A | pressure regulator            |       |
| 34   |               | Oval hexagon socket head bolt | M6X30 |
|      |               | Included in position:         | 33    |
| 35   |               | Washer                        | M6    |
|      |               | Included in position:         | 33    |
| 36   |               | Breather line                 |       |
|      |               | Included in position:         | 33    |
| 37   |               | pressure regulator            |       |
|      |               | Included in position:         | 33    |
| 38   |               | Bracket                       |       |
|      |               | Included in position:         | 33    |
| 39   |               | Hexagon collar nut            | M6    |
|      |               | self-locking                  |       |
|      |               | Included in position:         | 33    |