

# Technical Service Bulletin

|                        |                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Topic</b>           | Bentayga V8 Kovomo - DTC P310B00 with Symptom Code 2638 - Check Engine Lamp - Fuel Pressure Regulation |
| <b>Market area</b>     | Bentley: worldwide (2WBE)                                                                              |
| <b>Brand</b>           | Bentley                                                                                                |
| <b>Transaction No.</b> | 2058484/14                                                                                             |
| <b>Level</b>           | EH                                                                                                     |
| <b>Status</b>          | Released for publishing                                                                                |
| <b>Release date</b>    | Dec 10, 2025                                                                                           |

## Diagnostic trouble codes

| Diagnostic address        | Diagnostic trouble code                                                   | Fault symptom | Storage state |
|---------------------------|---------------------------------------------------------------------------|---------------|---------------|
| 0001 - Engine electronics | P310B00: Low fuel pressure regulation Fuel pressure outside specification |               | static        |
| 0001 - Engine electronics | P310B00: Low fuel pressure regulation Fuel pressure outside specification |               | Intermittent  |

## New customer code

| Object of complaint                                        | Complaint type           | Position |
|------------------------------------------------------------|--------------------------|----------|
| engine -> engine operation -> engine output characteristic | functionality -> misfire |          |
| engine -> engine operation                                 | functionality            |          |

## New workshop code

| Object of complaint                                          | Complaint type                                                   | Position |
|--------------------------------------------------------------|------------------------------------------------------------------|----------|
| engine -> operation, engine control -> engine control module | control modules, services -> measured value too high             |          |
| engine -> operation, engine control -> engine control module | functionality -> misfire                                         |          |
| engine -> operation, engine control -> engine control module | control modules, services -> with fault stored in the DTC memory |          |
| engine -> fuel supply -> low pressure fuel pump, tank side   | functionality -> irregular                                       |          |
| engine -> operation, engine control -> engine control module | electrical -> ground connection damaged                          |          |
|                                                              |                                                                  |          |

|                                                              |                                            |  |
|--------------------------------------------------------------|--------------------------------------------|--|
| engine -> operation, engine control -> engine control module | control modules, services -> error message |  |
|--------------------------------------------------------------|--------------------------------------------|--|

## Vehicle data

### Bentayga Series - V8 Kovomo

#### Sales types

| Type   | MY   | Brand | Designation | Engine code | Gearbox code | Final drive code |
|--------|------|-------|-------------|-------------|--------------|------------------|
| 4V14D9 | 2018 | E     |             | *           | *            | *                |
| 4V14D9 | 2019 | E     |             | *           | *            | *                |
| 4V14D9 | 2020 | E     |             | *           | *            | *                |
| 4V14D9 | 2021 | E     |             | *           | *            | *                |
| 4V14D9 | 2022 | E     |             | *           | *            | *                |
| 4V14D9 | 2023 | E     |             | *           | *            | *                |
| 4V14D9 | 2024 | E     |             | *           | *            | *                |
| 4V14D9 | 2025 | E     |             | *           | *            | *                |
| 4V14D9 | 2026 | E     |             | *           | *            | *                |
| 4V15D9 | 2024 | E     |             | *           | *            | *                |
| 4V15D9 | 2025 | E     |             | *           | *            | *                |
| ZV14D9 | 2023 | E     |             | *           | *            | *                |
| ZV14D9 | 2024 | E     |             | *           | *            | *                |
| ZV14D9 | 2025 | E     |             | *           | *            | *                |

## Documents

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

## Technical Service Bulletin

Transaction No.:

**2058484/14**

Bentayga V8 Kovomo - DTC P310B00 with Symptom Code 2638 - Check Engine Lamp - Fuel Pressure Regulation

Release date: Dec  
10, 2025

## Condition

Engine warning lamp is illuminated within the Driver Instrument Panel (DIP) in conjunction with the DTC as detailed below:

- ***“P310B00 with symptom code 2638 - Low Fuel Pressure Regulation”***

There may also be multiple DTC's and symptoms present due to fuel pressure regulation or fuel supply issues in conjunction with the afore mentioned symptom/DTC

## Technical Background



**NOTE:** Where possible the retailer must attempt to request as much information as possible regarding when the issue occurred - For example

- Driving at low speed in traffic
- Warning lights within the DIP
- Driveability at the time the issue occurred - During idle or driving?
- If during idle, how long had the car been idling?
- Details when the vehicle was last refuelled and the grade of fuel used
- When the issue occurred, How was the car unlocked and started? Keyless entry or entry by using the remote key fob?



**IMPORTANT:** All received information must be added to a new or existing Technical DISS query

In the event the symptoms are as described within the Customer statement/workshop findings section of this TPI the operative should refer to the instructions within the Measure section noting the following before proceeding



### NOTICE

There are (x2) different fuel pressure actual values depending on the Model Year

- 18 to 22 Model Year
- 23 Model Year

The operative must ensure the correct procedure is followed

## Production Solution

All vehicles post SJAHL14V0PC021480 are to specification, however in the event the issue is evident post the suggested VIN the operative should raise a Technical DISS query and await feedback before conducting any further work

## Service



### WARNING

Before continuing with the onward instructions the operative must refer to and understand the following information within Rep.Gr 20:

- Basic safety instructions for working with the fuel system
- Fuel system - Safety precautions
- Fuel system - Rules for cleanliness
- Always drain fuel tank before performing any work on the fuel system - Drain fuel tank - Refer to Rep. Gr 20



### CAUTION

Ensure all safety instructions are strictly followed including the deactivation of the 48 volt system (when applicable) and 12 volt system as per all instructions within Rep.Gr 27

### 18 to 22 Model Year vehicles only

1) Referring to the example shown in Figure 1 - Check the actual pressure value

- In the event the fuel pressure actual value is above 450kPa the Fuel Delivery Module within the fuel tank (Figure 2) should be replaced



The fuel tank flange seal and securing ring should also be replaced

- Refer to Repair Group 20 Fuel supply, gas operation / 4.0L V8 TSI / Fuel pump, fuel level sensors, and jet pump (RH) - To remove and fit

### 23 Model Year vehicles only

1) Referring to the example shown in Figure 1 - Check the actual pressure value

- In the event the fuel pressure actual value is above 475kPa (2023MY) the Fuel Delivery Module within the fuel tank (Figure 2) should be replaced



The fuel tank flange seal and securing ring should also be replaced

- Refer to Repair Group 20 Fuel supply, gas operation / 4.0L V8 TSI / Fuel pump, fuel level sensors, and jet pump (RH) - To remove and fit.

### All Model Years continued

**- Extended ambient conditions:**

|                                    |                                                                                                |       |
|------------------------------------|------------------------------------------------------------------------------------------------|-------|
| Engine rpm                         | 639.5                                                                                          | 1/min |
| Normed load value                  | 13.725490449999999                                                                             | %     |
| Vehicle speed                      | 0                                                                                              | km/h  |
| Coolant temperature                | 82                                                                                             | °C    |
| Intake air temperature             | 42                                                                                             | °C    |
| Ambient air pressure               | 1000                                                                                           | mbar  |
| Voltage terminal 30                | 12.4                                                                                           | V     |
| Dynamic environmental data         | 20 96 28 11 CE 11 94 11 C8 12 80 11 C9<br>F8 41 11 A4 26 66 12 8AAA 15 9F 66 60<br>15 A0 66 64 |       |
| Unlearning counter according OBD   | 40                                                                                             |       |
| Low fuel pressure, specified value | 450.0                                                                                          | kPa   |
| Fuel low pressure, actual value    | 501.3                                                                                          | kPa   |
| Fuel pump adaptation               | -198.3                                                                                         | kPa   |
| Fuel pump, specified value         | 14.99939                                                                                       | %     |
| Fuel temperature                   | 79.5                                                                                           | °C    |
| Fuel high-pressure, actual value   | 13.104                                                                                         | MPa   |
| Fuel pressure rail 2               | 13.106                                                                                         | MPa   |

Figure 1

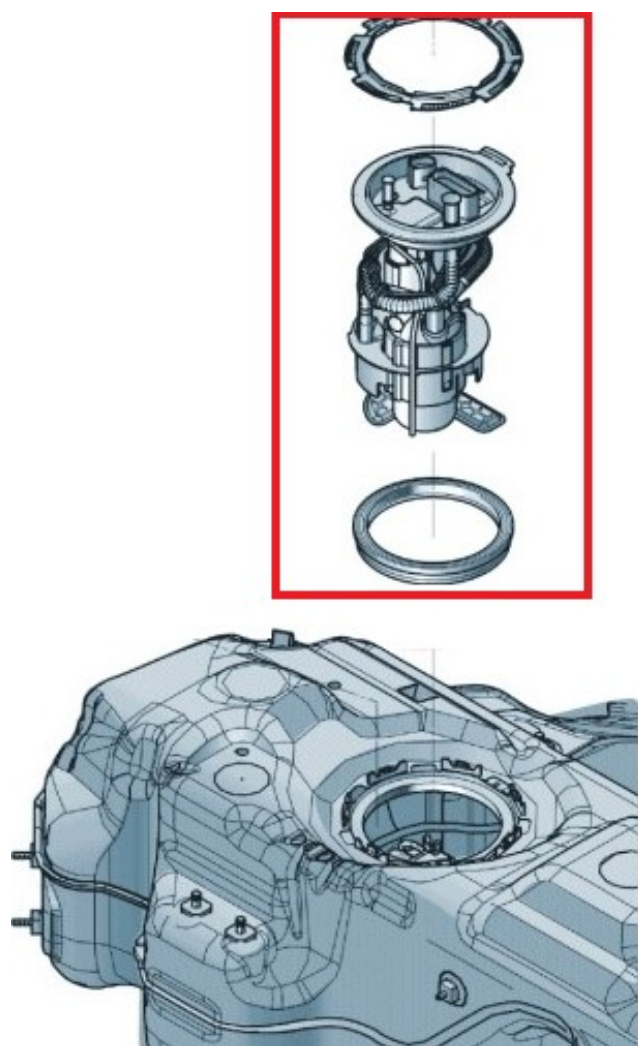


Figure 2

**! NOTICE**

**IMPORTANT:** Once the fuel delivery module has been replaced, the operative should attach a clear photograph of the manufacture information label as shown in Figure 3

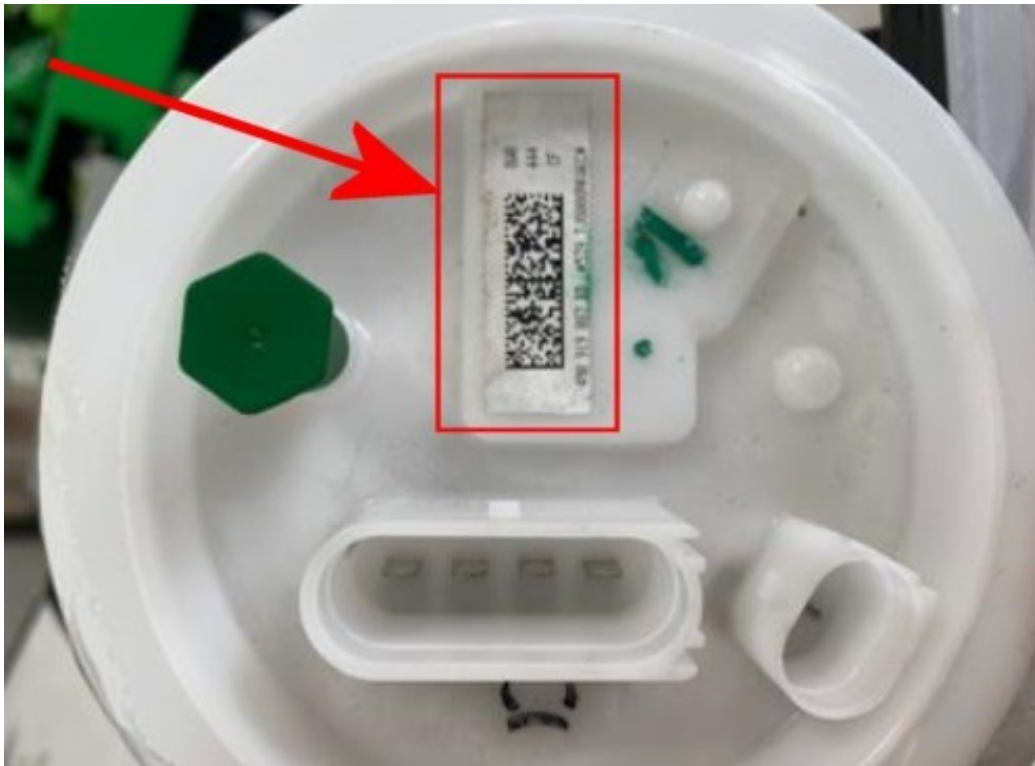


Figure 3

## Warranty

Warranty type - 110 or 910

Damage Service Number 20 66

Damage Code 01 00

### Diagnosis time

Labour Operation Code 01 50 00 00

Time As per ODIS log (must not exceed 20 TU)

### Time to replace the fuel delivery module

Labour Operation Code 20 66 19 50

Time 50 TU

### Time to remove and refit the rear seats (4 seat)

Labour Operation Code 68 16 19 01

Time 190 TU

### Time to remove and refit the rear seats (5 seat)

Labour Operation Code 72 48 20 05

Time 100 TU

### Time to remove and refit the seat sill panel

Labour Operation Code 68 05 19 00

Time 20 TU

### Time to remove and refit the boot side trim panel

Labour Operation Code 70 03 19 00

Time 40 TU

### **Required Parts and Tools**

For the latest part information always refer to the Electronic Parts Catalogue (ETKA)