

Technical Service Bulletin

Topic	Oil leaking from tell tale hole - CDA actuator fixings or Fuel rail fixings or Vaccum assembly fixings - V8 Kovomo
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),Russian Federation 935 Volkswagen Group RUS (6935),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.	2064679/5
Level	EH
Status	Released for publishing
Release date	Mar 4, 2025

New customer code

Object of complaint	Complaint type	Position
engine -> lubrication system -> engine oil	component, automotive fluids -> too little	
engine -> operation, engine control	contamination	
engine -> cylinder head, valvetrain	leaks	

Vehicle data

Bentayga Series

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		*	*	*
ZV14D9	2023	E		*	*	*
ZV14D9	2024	E		*	*	*
ZV14D9	2025	E		*	*	*

New Continental GT/C and New Flying Spur

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S32CB	2020	E		*	*	*
3S32CB	2021	E		*	*	*
3S32CB	2022	E		*	*	*
3S32CB	2023	E		*	*	*
3S32CB	2024	E		*	*	*
3S42CB	2020	E		*	*	*
3S42CB	2021	E		*	*	*
3S42CB	2022	E		*	*	*
3S42CB	2023	E		*	*	*
3S42CB	2024	E		*	*	*
ZG22CB	2021	E		*	*	*
ZG22CB	2022	E		*	*	*
ZG22CB	2023	E		*	*	*
ZG22CB	2024	E		*	*	*

Documents

Document name

master.xml

Condition

Oil leaking out of the tell tale hole from the following fixings:

- CDA activation/ deactivation solenoid fixings - Figure 1 (Item 29 - Quantity of 16 in total)

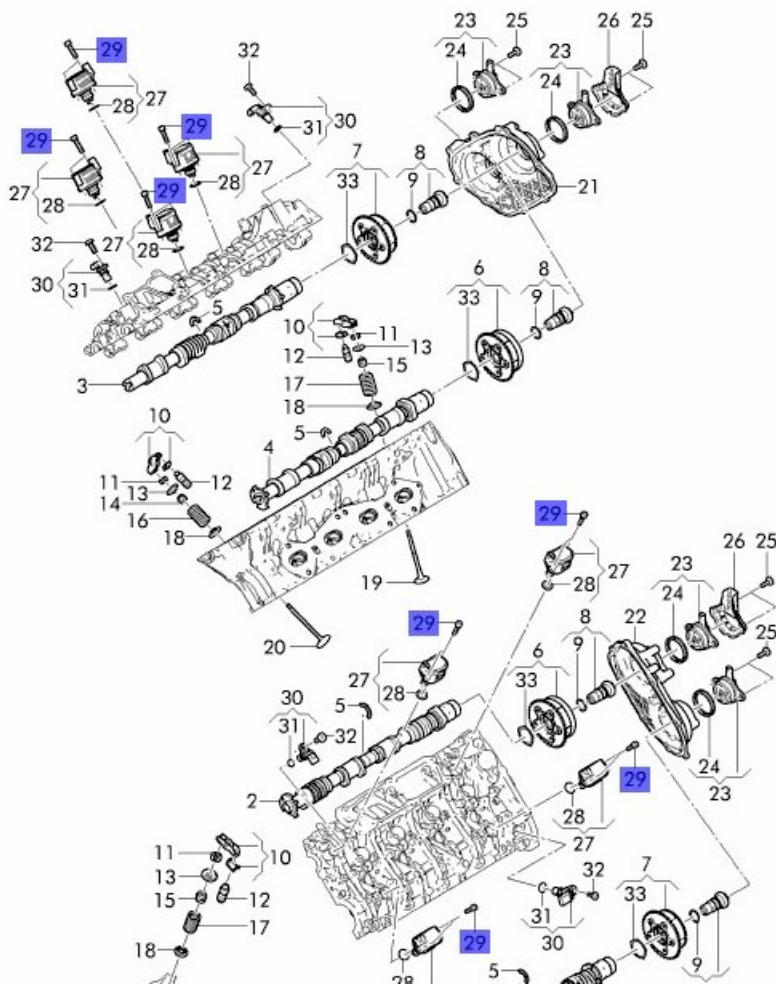


Figure 1

Or

- Fuel rail fixings - Figure 2 (Item 4 - Quantity of 20 in total)

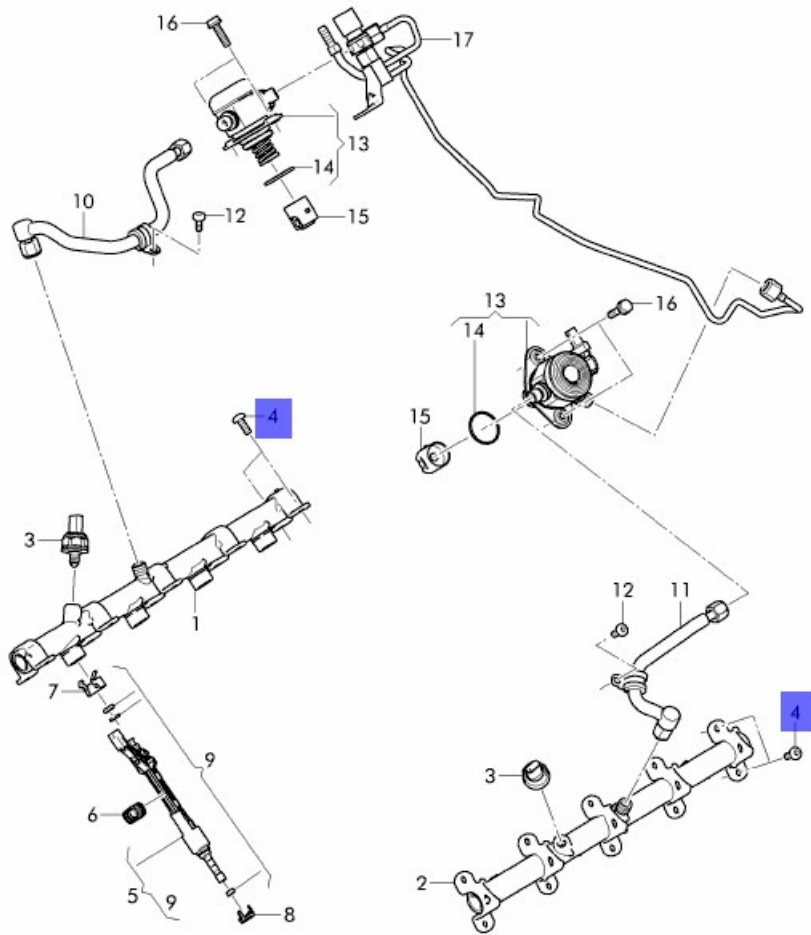


Figure 2

Or

- Fixings for the vacuum system assembly - Figure 3 (Item 16 – Quantity of 8 in total)

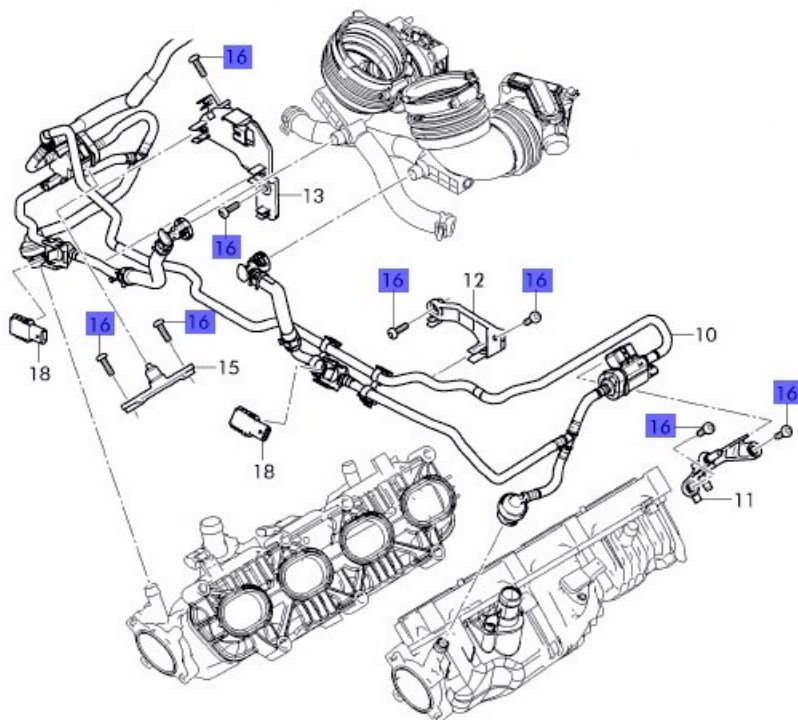


Figure 3

Technical Background

Revision history

TPI 204679/3 - Instruction to replace all 8 vacuum assembly fixings when conducting Scenario 3

Figure 4 shows oil leaked which had leaked from the tell tale hole at the top of the fixing (Arrow)

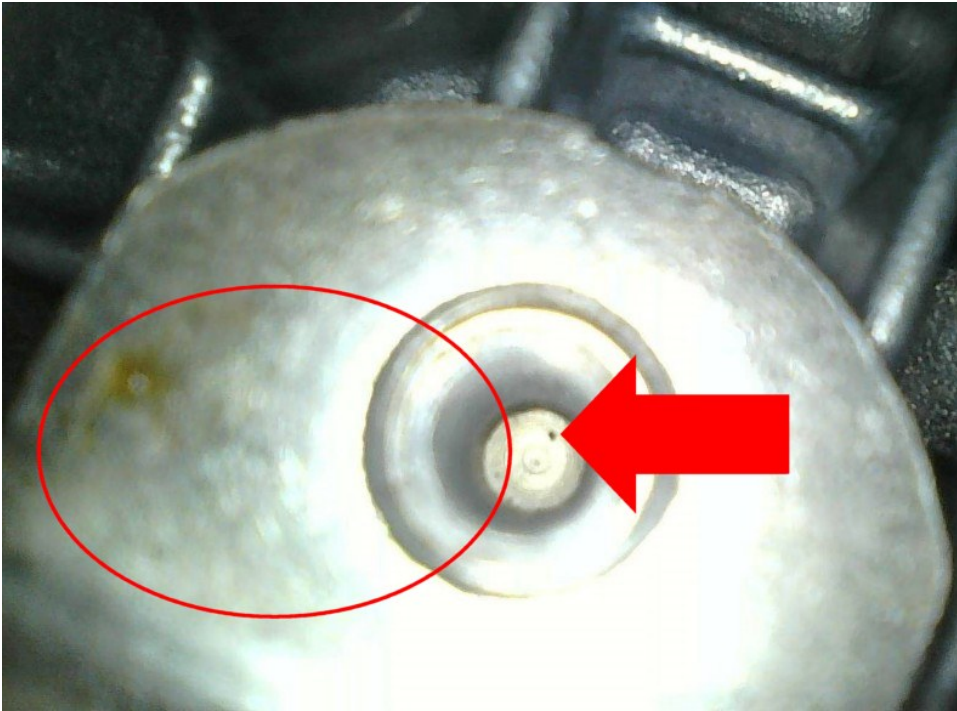


Figure 4



Upgraded fixings prevent oil leaks from the tell hole

Production Solution

-

Service

Scenario 1 - CDA solenoid fixings

- In the event that x1 (or more) of the CDA solenoid fixing/s are leaking – **All 16 CDA solenoid fixings MUST BE REPLACED as a complete set** - Refer to Rep.Gr 15 - Ensuring the procedure is followed to enable access to all CDA solenoid fixings



PLEASE NOTE: Within the repair manual instructions there are single use items which must be replaced and not reused. Ensure that new replacements are available prior to starting this procedure

Scenario 2 - Fuel rail fixings



PLEASE NOTE: Within the repair manual instructions there are single use items which must be replaced and not reused. Ensure that new replacements are available prior to starting this procedure

- Refer to Rep.Gr 24 - Fuel rails to remove and refit - Ensure the procedure is followed to enable access to the fuel rail fixings on both Banks 1 and 2 - Replace all 20 fixings

Scenario 3 - Vacuum assembly fixings



PLEASE NOTE: Within the repair manual instructions there are single use items which must be replaced and not reused. Ensure that new replacements are available prior to starting this procedure

1) To gain access to the fixings, the Operative should refer to extracts from the following procedures to replace the fixings:

NOTICE

For Bentayga models only - Access to the fixings is restricted, however access can be achieved to all fixings (x8) by following the instructions below

- **Bentayga only**

- Remove the front end module - Refer to "Front end module - to remove and fit"
- **All models continued**
- Rep.Gr 20 - Evaporative Emission Purge Valve and Rep.Gr 28 - Ignition coil replacement to gain access to the fixings
- Replace all Vacuum assembly fixings
- Refit all previously removed parts

NOTICE

NOTE: Please also ensure the alignment of applicable driver assist systems is conducted including four wheel alignment (Depending on vehicle specification)

Warranty

Warranty type 110 or 910

Damage service number

- 1583 - Scenario 1
- 2441 - Scenario 2
- 4777 - Scenario 3

Damage code 00 50

Scenario 1

Bentayga:

Labour operation code:15 83 42 28

Time: 210 TU

New GT/GTC and New Flying Spur:

Labour operation code: 15 83 42 28

Time: 330 TU

Scenario 2

Bentayga:

Labour operation code: 24 41 42 22

Time : 540 TU

New GT/GTC and New Flying Spur:

Labour operation code : 24 41 42 22

Time : 600 TU

Scenario 3

Bentayga – Time to replace all fixings

Labour operation code: 47 77 41 20

Time: 280 TU

Time to remove and refit the Front End Module (Bentayga only)

Labour Operation Code 50 38 19 00

Time 760 TU

New GT/GTC and New Flying Spur - Time to replace all fixings

Labour operation code: 47 77 41 20

Time: 320 TU

Required Parts and Tools

Description	Part number	Quantity
CDA solenoid fixings	N10 599 501	16 (ALL MUST BE REPLACED)
Fuel rail fixings	N10 451 409	20 (ALL MUST BE REPLACED)
Fixings for the vacuum system assembly	N10 124 308	8 (ALL MUST BE REPLACED)