

Technical product information

Topic	Vehicle sitting low on one or more corners when static with no relevant DTCs stored
Market area	Russische Föderation (5RU),Australia E04 Bentley rest Asia and Australia (6E04),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.	2064582/1
Level	EH
Status	Approval
Release date	

New customer code

Object of complaint	Complaint type	Position
running gear -> shock absorber/suspension control -> self-levelling suspension	functionality -> defective function sequence	
running gear -> adaptive suspension, pitch and roll compensation	leaks	

Vehicle data

New Continental GT and New Continental GTC

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S3*	2018	E		*	*	*
3S3*	2019	E		*	*	*
3S3*	2020	E		*	*	*
3S3*	2021	E		*	*	*
3S3*	2022	E		*	*	*
3S4*	2019	E		*	*	*
3S4*	2020	E		*	*	*
3S4*	2021	E		*	*	*
3S4*	2022	E		*	*	*

New Flying Spur

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
ZG2*	2020	E		*	*	*
ZG2*	2021	E		*	*	*
ZG2*	2022	E		*	*	*

Bentayga

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V1*	2017	E		*	*	*
4V1*	2018	E		*	*	*
4V1*	2019	E		*	*	*
4V1*	2020	E		*	*	*
4V1*	2021	E		*	*	*
4V1*	2022	E		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

- Vehicle sitting low on one or more corners when static
- No relevant DTC's are evident

Technical background

Refer to the Measure section of this TPI

Production change

Not applicable

Measure

- 1) Confirm there are no DTC's indicating a fault with the air suspension system or associated systems
- 2) Refer to the instructions within TPI 2053492/- to confirm that no air leaks or issues relating to the air springs are evident

Should no DTC's related to the air suspension system/associated systems or air leaks be evident, the operative should conduct the remaining instructions

- 3) Inspect all four vehicle ride height sensors for damage, poor fitment or electrical connection/integrity issues
- 4) Inspect all Hub and Body mounted accelerometers
 - Ensure the vehicle is parked on a flat surface
 - Ensure that all doors, boot and bonnet are closed
 - Ensure no persons are sitting in the vehicle
- 5) Using Measure values perform analysis of the following MWB's
 - IDE00541 Acceleration (Figure 1)

Measured value	ID	Value
Acceleration	IDE00541	
- Vehicle body acceleration, front left	IDE13479	0.098000000000007003 m/s ²
- Vehicle body acceleration, front right	IDE13480	0.0 m/s ²
- Vehicle body acceleration, rear left	IDE13477	0.16300000000001091 m/s ²
- Vehicle body acceleration, rear right	IDE13478	10.197999999999979 m/s ²
- Left front wheel acceleration	IDE13483	0.32600000000002183 m/s ²
- Right front wheel acceleration	IDE13484	0.0 m/s ²
- Left rear wheel acceleration	IDE13481	0.32600000000002183 m/s ²
- Right rear wheel acceleration	IDE13482	0.0 m/s ²

Figure 1

- IDE07151 Vehicle Level Sensor, raw value (Figure 2)

Measured value	ID	Value
Vehicle level sensor, raw value	IDE07151	
- Left front level control system sensor, raw value	IDE03849	46.95 %
- Right front level control system sensor, raw value	IDE03857	52.12 %
- Left rear level control system sensor, raw value	IDE03865	63.15 %
- Right rear level control system sensor, raw value	IDE04147	35.29 %
- [LO]_Address_of_last_performed_operation_before_trap		0

Figure 2

- 6) Monitor all suggested MWB's for implausible signal readings

TIP: The example shown in Figure 1 shows an implausible signal on the right hand side, in this scenario the right hand rear accelerometer was replaced

- In the event that one of the readings were found to be implausible, the operative (where possible) could compare the MWB readings with a vehicle of the same specification

7) Based on the findings of the MWB and vehicle comparison checks - Replace the applicable accelerometer and/or ride height sensor as per the applicable Rep.Gr

Warranty accounting instructions

Wiring checks

Warranty type 110 or 910
Service number 45 57
Damage code 00 40

Labour

Labour operation code 97 09 01 00
Time 50 Time units

Diagnostic time

Labour

Labour operation code 01 50 00 00
Time As per ODIS log (Must not exceed 50 Time units)

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Due to the numerous LOT codes available for sensor replacement (depending on model and symptom) the operative should refer to the Labour operations section of Elsa pro for all other LOT information

Parts information

Refer to ETKA