

Technical product information

| | |
|------------------------|---------------------------------------------------------------------------------------|
| Topic | Bentayga - Suspension warning light on - Diagnostic Trouble Codes - C104707 - C104807 |
| Market area | Bentley: worldwide (2WBE),Hongkong-Macau (5HK) |
| Brand | Bentley |
| Transaction No. | 2051943/3 |
| Level | EH |
| Status | Approval |
| Release date | |

Event memory entries

| Diagnostic address | Event memory entry | Fault type | Fault status |
|------------------------|-------------------------------------------------------------|------------|--------------|
| 0074 - Chassis Control | C104707: Level control valves mechanical malfunction | | Intermittent |
| 0074 - Chassis Control | C104707: Level control valves mechanical malfunction | | static |
| 0074 - Chassis Control | C104807: Level control system sensor mechanical malfunction | | Intermittent |
| 0074 - Chassis Control | C104807: Level control system sensor mechanical malfunction | | static |

New customer code

| Object of complaint | Complaint type | Position |
|--------------------------------------------------------------------------------|--------------------------------------------|----------|
| running gear -> shock absorber/suspension control -> self-levelling suspension | functionality -> without function / defect | |
| running gear -> shock absorber/suspension control | functionality | |
| running gear -> adaptive suspension, pitch and roll compensation | leaks | |
| running gear -> adaptive suspension, pitch and roll compensation | functionality | |

Vehicle data

Bentayga

Sales types

| Type | MY | Brand | Designation | Engine code | Gearbox code | Final drive code |
|------|------|-------|-------------|-------------|--------------|------------------|
| 4V1* | 2017 | E | | * | * | * |
| 4V1* | 2018 | E | | * | * | * |

Chassis numbers

| Manufacturer | Filler | Type | Filler | MY | Factory | From | To | Prod from | Prodto |
|--------------|--------|------|--------|----|---------|--------|--------|-----------|--------|
| SJA | * | * | * | * | C | 000001 | 020056 | | |

Documents

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

Customer statement / workshop findings

Air suspension system warning displayed in the Driver Instrument Panel (DIP) or the suspension drops from one corner of the vehicle



Technical background

Diagnostic Trouble Codes (DTC's) stored in the Chassis control unit (Address 74)

C104707: Level control valves mechanical malfunction

C104807: Level sensor mechanical malfunction

Should one or both be evident carry out the instructions within the Measure section of this TPI

Production change

Should the DTC's/symptoms be evident after VIN SJAAF14V4JC020056 please raise a DISS query

Measure

DTC C104707

- Should C104707 be present - Follow all instructions within TPI 2053492/- in conjunction with Repair manual Rep.Gr 43 Air suspension - To check
- Follow all instructions within the suggested TPI and Repair manual Rep.Gr 43 Air suspension - To check

NOTE: Only carry out the section of TPI 2053492/- and the Repair manual instruction which relates to the Air supply unit and the damper/corner of the vehicle which is exhibiting the issue

- Should no leaks be evident from a damper or air supply line and the air supply unit is proven to be at fault - Replace the Air supply unit as per Repair manual instruction Rep.Gr 43

DTC C104807

- There are four vehicle level sensors fitted to the vehicle as follows:

Front left vehicle level sensor

Front right vehicle level sensor

Rear left vehicle level sensor

Rear right vehicle level sensor

- Check the electrical integrity of all four ride height sensor circuits
- Check for water intrusion in all level sensors connectors NOTE: Feedback via DISS if water intrusion is found. Attach clear photos of the water intrusion and damage, await feedback regarding the method of repair
- Check the overall condition of all ride height sensors in the event a sensor is found to be faulty please replace as per Elsa pro Rep.Gr 43 - Ride height sensors - To remove and fit
- If no damage is found on any of the level sensors - Follow all instructions within TPI 2053492/- in conjunction with Repair manual Rep.Gr 43 Air suspension - To check
- Follow all instructions within the suggested TPI and Repair manual Rep.Gr 43 Air suspension - To check

NOTE: Only carry out the section of TPI 2053492/- and the Repair manual instruction which relates to the Air supply unit and the damper/corner of the vehicle which is exhibiting the issue

- Should no leaks be evident from a damper or air supply line and the air supply unit is proven to be at fault - Replace the Air supply unit as per Repair manual instruction Rep.Gr 43