

# Technical product information

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Topic</b>           | Air suspension warning light within the DIP - DTC's P089200 - C104707 - C103B13 - Evident within Address 74                                                                                                                                                                                                                                                                                                        |
| <b>Market area</b>     | 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) |
| <b>Brand</b>           | Bentley                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Transaction No.</b> | 2062259/4                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Level</b>           | EH                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Status</b>          | Approval                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Release date</b>    |                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Event memory entries

| Diagnostic address     | Event memory entry                                  | Fault type | Fault status |
|------------------------|-----------------------------------------------------|------------|--------------|
| 0074 - Chassis control | P089200: TCM Power Relay Sense Circuit Intermittent |            | Intermittent |
| 0074 - Chassis control | P089200: TCM Power Relay Sense Circuit Intermittent |            | static       |

## New customer code

| Object of complaint                                                                                                                               | Complaint type                                        | Position |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------|
| running gear -> shock absorber/suspension control -> roll compensation                                                                            | functionality -> defective function sequence          |          |
| lighting system, signalling -> sound signals -> accoustic warning for shock absorber/suspension control                                           | functionality -> warning signal sounds without reason |          |
| information, navigation, communication, entertainment -> symbolic control indicators -> warning lamp for electronic stabilisation programme (ESC) | functionality -> activates without reason             |          |
| information, navigation, communication, entertainment -> symbolic information indicators -> anti-roll bar decoupling indicator                    | functionality -> activates without reason             |          |

## New workshop code

| Object of complaint                                                                      | Complaint type                       | Position |
|------------------------------------------------------------------------------------------|--------------------------------------|----------|
| electrical power, electric system, data transfer -> battery management -> de-energise    | functionality -> cannot be activated |          |
| electrical power, electric system, data transfer -> power supply -> high-voltage battery | electrics -> voltage too high        |          |

# Vehicle data

## New Continental GT /GTC (Including Speed) & New Flying Spur

### 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     |             | *           | *            | *                |
| 3S31EB | 2021 | E     |             | *           | *            | *                |
| 3S31EB | 2022 | E     |             | *           | *            | *                |
| 3S4*   | 2019 | E     |             | *           | *            | *                |
| 3S4*   | 2020 | E     |             | *           | *            | *                |
| 3S4*   | 2021 | E     |             | *           | *            | *                |
| 3S4*   | 2022 | E     |             | *           | *            | *                |
| 3S41EB | 2021 | E     |             | *           | *            | *                |
| 3S41EB | 2022 | E     |             | *           | *            | *                |
| ZG2*   | 2020 | E     |             | *           | *            | *                |
| ZG2*   | 2021 | E     |             | *           | *            | *                |
| ZG2*   | 2022 | E     |             | *           | *            | *                |

# Documents

|                      |
|----------------------|
| <b>Document name</b> |
| master.xml           |

## Customer statement / workshop findings

Customer statement:

Air suspension warning light within the DIP

Workshop findings:

One or a combination of the DTC's shown below are evident within address 74

- P089200 - Symptom Code 3145792 - TCM Power Relay Sense Circuit Intermittent (Level Control Valves Open Circuit)
- C103B13 - 3145909 - Solenoid for level control system Open circuit
- C104707 - 3211279 - Level control valves mechanical malfunction

## Technical background

Refer to the Measure section of this TPI

## Production change

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## Measure

1) Conduct a wiring integrity check between the (Valve block for adaptive suspension) NX7 and the (Running gear control unit - J775) as follows:

T81aa Pin 79 + T3da Pin 1

T81aa Pin 78 + T3da Pin 2

T81aa Pin 59 + T3da Pin 3

*TIP: Previous instances have highlighted the following after inspection:*

- Broken wires
- Kinked wiring
- Pin/s missing
- Pin/s broken
- Pin/s loose

NOTE: Refer to the example shown in Figure 1 of a damaged wiring harness



Figure 1

2) Repair any broken or damaged wires as per Rep.Gr 97

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If the event that No fault is found with the integrity of the afore mentioned wiring circuits - Perform electrical integrity and visual inspections of the connectors

- Conduct a wiring integrity check between the Valve block for adaptive suspension control unit (NX7) and the Running gear control unit (J775)

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Should no issues be found regarding the integrity/visual checks please raise a new DISS query or respond to the previously opened DISS query

### [Warranty accounting instructions](#)

#### Time to conduct wiring integrity checks

##### New Flying Spur

Warranty Type 110 or 910

Damage Service Number 43 23

Damage Code 00 15

##### Labour

Labour Operation Code 43 1301 10

Time 60 TU

New Continental GT

Labour

Labour Operation Code 43130110

Time 60 TU

New Continental GTC

Labour

Labour Operation Code 43130110

Time 80 TU

Wiring repairs

Labour

Labour Operation Code 97094152

Time 40 TU