

# Technical product information

<b>Topic</b>	Bentayga - 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>	2062261/2
<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		static
0074 - Chassis control	P089200: TCM Power Relay Sense Circuit Intermittent		Intermittent

## 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 -> acoustic 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

## 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		*	*	*

# Documents

Document name
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 to the (Running gear control unit - J775)

T81aa Pin 79 + T3er Pin 1

T81aa Pin 59 + T3er Pin 3

T81aa Pin 35 + T10as Pin 1

T81aa Pin 75 + T10as Pin 2

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

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

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

Warranty Type 110 or 910

Damage Service Number 4323

Damage Code 00 15

### Labour

Labour Operation Code 43130110

Time 80 TU

### Wiring repairs

### Labour

Labour Operation Code 97094152  
Time 40 TU