

Technical product information

| | |
|------------------------|------------------------------------------------------|
| Topic | Bentayga - Light Control Module - Fault code B200047 |
| Market area | Bentley: worldwide (2WBE),Hongkong-Macau (5HK) |
| Brand | Bentley |
| Transaction No. | 2046936/1 |
| Level | EH |
| Status | Approval |
| Release date | |

Event memory entries

| Diagnostic address | Event memory entry | Fault type | Fault status |
|----------------------------|------------------------------|------------|--------------|
| 0039 - Light Control Right | B200047: Ctrl. module faulty | | static |
| 0029 - Light Control Left | B200047: Ctrl. module faulty | | static |

New customer code

| Object of complaint | Complaint type | Position |
|---------------------------------------------------------------|---------------------------------------------------|----------|
| Vehicle service -> Service, maintenance -> General inspection | service: process -> with determination of concern | |

New workshop code

| Object of complaint | Complaint type | Position |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------|
| Lighting system, signalling -> Exterior lights -> Headlight -> Output module for main beam headlight | control units, services -> with event log entry | left |
| Lighting system, signalling -> Exterior lights -> Headlight -> Output module for main beam headlight | control units, services -> incorrect code | right |

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 | Prod to |
|--------------|--------|------|--------|----|---------|--------|--------|-----------|---------|
| SJA | * | * | * | * | C | 011151 | 012388 | | |

Documents

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

Customer statement / workshop findings

Customers may not be aware fault codes are present.

Fault code B200047: *Ctrl. module faulty* is detected within a Light Control Module during routine vehicle diagnostic interrogation.

Stored diagnostic trouble codes do not clear with the diagnostic tool.

Headlamp functionality is not affected by the presence of the fault code.

Technical background

Applicable to electronic control modules:

Address **0029** – *Light control left*

Address **0039** – *Light control right*

Vehicles with Light Control software version 0012 and hardware H05 may store a spurious diagnostic trouble code B200047: *Ctrl. module faulty* within the relevant control module.

Production change

Revised Light Control Module software introduced from VIN 12389.

Measure

Applicable only to vehicles with Light Control software version 0012 and hardware H05 displaying fault code B200047: *Ctrl. module faulty* – figure 1.

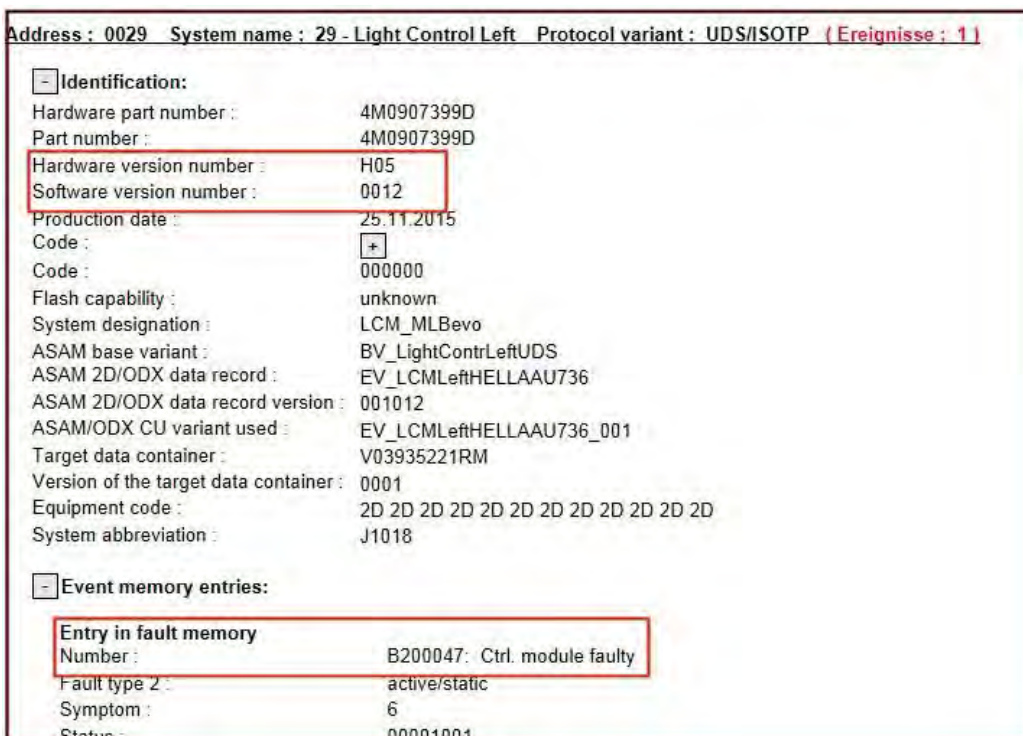


Figure 1

The following spurious diagnostic trouble codes may be seen during routine Control Module interrogation, **do not** take any investigative action unless a fault is present or a concern has been reported by the customer.

Address 0029 – *Light control left*

B200047: Ctrl. module faulty

Status: Static

Address 0039 – *Light control right*

B200047: Ctrl. module faulty

Status: Static