

Technical product information

Topic	HVAC not working – No air flow - DTC B10AE31 High Pressure sensor - No signal DTC logged within address 08
Market area	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.	2067429/3
Level	EH
Status	Approval
Release date	

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0008 - Climate Control Module	B10AE31: High-pressure sensor No signal		static

New customer code

Object of complaint	Complaint type	Position
air conditioning -> operation, air conditioning control	functionality	
air conditioning -> ventilation, air distribution	functionality	
air conditioning -> operation, air conditioning control	control units, services	
air conditioning -> ventilation, air distribution	component / consumables	

Vehicle data

Bentayga W12 and V8 engine derivatives only

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V14A9	2021	E		*	*	*
4V14A9	2022	E		*	*	*
4V14A9	2023	E		*	*	*
4V14D9	2021	E		*	*	*
4V14D9	2022	E		*	*	*
4V14D9	2023	E		*	*	*
4V14G9	2021	E		*	*	*
4V14G9	2022	E		*	*	*
4V14G9	2023	E		*	*	*

Documents

Document name
master.xml

HVAC not working – No air flow - DTC B10AE31 High Pressure sensor - No signal DTC logged within address 08

Customer statement / workshop findings

- HVAC not working to specification (No air flow)
- DTC B10AE31 High Pressure sensor - No signal DTC logged within address 08

Technical background

In the event the issue is as described the operative should refer to the instructions within the Measure section of this TPI to assist in diagnosing the reported issue

WARNING

WARNING: Always ensure suitable protective equipment is worn including suitable eye protection and gloves for the duration of this procedure

CAUTION

Before conducting the instructions within the Measure section the operative MUST refer to Rep.Gr 87 - Refrigeration system - Safety and general information

Production change

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Measure

1) Referring to the applicable wiring diagram - Conduct a wiring integrity check for sensor G65 and associated circuits TIP: Should the wiring integrity check be to specification the operative should conduct the remaining steps to completion

2) Referring to Rep.Gr 87 - Discharge the refrigeration system

- Gain access to High pressure sensor G65 (Figure 1)

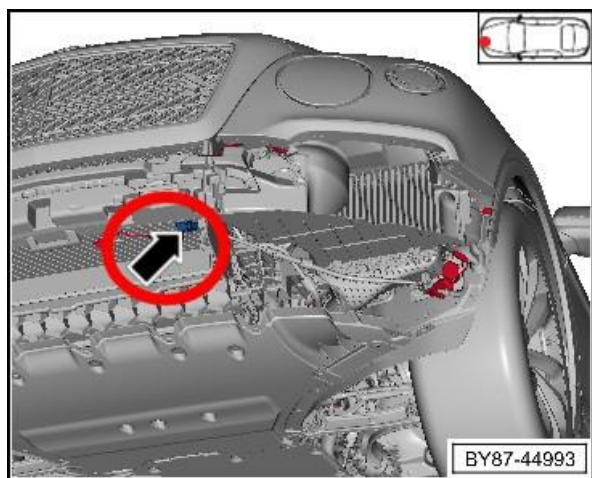


Figure 1

- Replace G65 and associated parts (See parts information section)
- Refit all previously removed components
- Referring to Rep.Gr 87 - Charge the refrigeration system

3) Check/confirm the HVAC system is working to specification as follows:

CAUTION

Ensure the vehicle is parked in a well ventilated area

- Check the HVAC system is operating to specification without conducting a road test

Warranty accounting instructions

Warranty Type 110 or 910

Damage Service Number 87 09

Damage Code 00 55

Diagnosis time

Labour Operation Code 01 50 00 00

Time units As per ODIS log (must not exceed 20 TU)

Time to conduct the applicable wiring integrity checks

Labour Operation Code 97 09 01 00

Time Must not exceed 20 TU

Time to replace G65

Labour Operation Code 87 09 19 50

Time units 10 TU

Time to discharge and charge the refrigeration system

Labour Operation Code 87 03 17 00

Time units 60 TU

NOTICE

Warranty claims for a road test will not be approved

Parts information

4H0 959 126C - HVAC High pressure sensor

7H0 820 896 - O-ring