



Connection offline

Technical product information

Topic	Sporadic entries - Nano connector contact testing
Market area	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2080901/2
Level	EH
Status	Released for publishing
Release date	15 Jul 2026

New customer code

Object of complaint	Complaint type	Position
vehicle service -> vehicle diagnosis	service: process	
vehicle service -> vehicle diagnosis	control units, services	

Vehicle data

Flying Spur

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
Z32*	2025	E		*	*	*
Z32*	2026	E		*	*	*
ZG2*	2020	E		*	*	*
ZG2*	2021	E		*	*	*
ZG2*	2022	E		*	*	*
ZG2*	2023	E		*	*	*
ZG2*	2024	E		*	*	*

Bentayga Series

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		*	*	*
4V1*	2022	E		*	*	*
4V1*	2023	E		*	*	*
4V1*	2024	E		*	*	*
4V1*	2025	E		*	*	*
4V1*	2026	E		*	*	*
4V1*	2027	E		*	*	*
ZV1*	2023	E		*	*	*
ZV1*	2024	E		*	*	*
ZV1*	2025	E		*	*	*
ZV1*	2027	E		*	*	*

Continental GT/GTC

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		*	*	*
3S3*	2023	E		*	*	*
3S3*	2024	E		*	*	*
3S4*	2019	E		*	*	*
3S4*	2020	E		*	*	*
3S4*	2021	E		*	*	*
3S4*	2022	E		*	*	*
3S4*	2023	E		*	*	*
3S4*	2024	E		*	*	*
Z23*	2025	E		*	*	*
Z23*	2026	E		*	*	*
Z24*	2025	E		*	*	*
Z24*	2026	E		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

Sporadic entries in control units that use Nanotype terminals, including the airbag control unit J234, the engine control unit J623 and the emergency call and communication unit J949. These may be accompanied by intermittent electrical behaviour or repeated DTCs after earlier diagnostic checks.

Technical background

Nano MQS terminals are smaller than standard contact systems. Using incorrect or oversized measuring tips during testing can widen or overstretch the contact, causing lasting damage.

Production change

Not applicable

Measure

Mechanically check the contacts on the affected control unit plug. Nano type terminals are used in modules such as J234, J623 and J949 (see images supplied).



Figure 1. *Nano type contact example*

Procedure for Nano MQS Contacts



Figure 2. Nano MQS test contact

Insert the Nano MQS measuring contact carefully.

The approved measuring line **ASE40107500000** must be used for the check. The test contact must enter the terminal straight and must not twist during insertion. It must be possible to slide the Nano MQS test contact smoothly into the contact bush of the control unit plug without force.

Once the measuring line is fully seated, perform electrical measurements only via the breakout ends of the adaptor.

If any Nano pin is found to be overstretched, widened, or damaged, whether due to previous incorrect testing or otherwise, the plug housing or terminal must be repaired or replaced following the wiring repair procedures in ElsaPro, Repair Group 97 – Wiring harness repairs.

Incorrect or damaged terminals must be replaced using the applicable VAS 1978 repair case.

Parts information

Part Number	Description	Notes
ASE40107500000	Nano MQS Measuring Line	Mandatory tool for Nano pin contact checks