

Technical product information

Topic	Water leak/wind noise diagnosis
Market area	Bentley; worldwide (2WBE)
Brand	Bentley
Transaction No.	2062622/2
Level	EH
Status	Approval
Release date	

New customer code

Object of complaint	Complaint type	Position
body -> floor, body reinforcements	component / consumables	
roof systems, special installations -> panoramic sliding sunroof	leaks	
body fixtures and fittings -> window opening/closing, window heating	functionality	
vehicle service -> service, maintenance -> repair execution	service: process -> with determination of concern	
body fixtures and fittings -> closures	leaks	

Vehicle data

All Models

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
*	2017	E		*	*	*
*	2018	E		*	*	*
*	2019	E		*	*	*
*	2020	E		*	*	*
*	2021	E		*	*	*
*	2022	E		*	*	*
*	2023	E		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

Water leak/wind noise evident



The instructions within this TPI should be followed to assist in the diagnosis of water leaks or wind noise

Technical background



The use of compressed air is required to assist with diagnosis, operatives must ensure the following;

- Eye protection MUST BE worn when using compressed air
- The compressed air supply MUST BE clean and free from water and/or oil as water and/or oil residue within the system can damage the trim of the vehicle

NOTE: WARRANTY PAYMENTS WILL NOT BE CONSIDERED FOR ANY DAMAGED TRIM OR COMPONENTS

Production change

Not applicable

Measure



Ensure all interior trim is suitably protected when applying compressed air from inside the vehicle

1) Referring to the example shown in Figure 1 - Apply a suitable soapy solution to the exterior of the vehicle in the location which the leak or wind noise is evident



HINT: Figure 1 is included for photographic purposes only and should be referred to as an example

The method of diagnosis described should be used to identify the source of water ingress and/or wind noise



Figure 1

2) With extreme care - Pass an airline into the cabin by slightly lowering one of the windows opposite the area being tested (All other windows should remain closed)

- With an air nozzle/gun attached carefully blow air around the suspected area

- The operative on the outside of the vehicle should watch for bubbles (Figure 1 CIRCLED), the bubbles will confirm the location of the leak
- 3) Conduct a further inspection to determine the reason for the leak - *For example an incorrectly fitted seal*

Warranty accounting instructions

Time to conduct water leak diagnosis

Warranty type 110 or 910

Damage Service number 51 03

Damage code 00 50

Labour

Labour Operation Code 51 03 01 00 (Use 99 index until 23/01/23)

Time 50 Time units

Time to conduct wind noise diagnosis

Warranty type 110 or 910

Damage Service number 51 03

Damage code 00 20

Labour

Labour Operation Code 51 03 01 00 (Use 99 index until 23/01/23)

Time 50 Time units