

Technical product information

Topic	Wind noise from the door mirror/s above 30 mph/50 km/h
Market area	Bentley: worldwide (2WBE),Hongkong-Macau (5HK)
Brand	Bentley
Transaction No.	2055069/1
Level	EH
Status	Approval
Release date	

New customer code

Object of complaint	Complaint type	Position
body fixtures and fittings -> exterior mirror control	noise, vibration	
body fixtures and fittings -> exterior mirror control -> exterior mirror adjustment	noise, vibration -> noise	
body fixtures and fittings -> exterior mirror -> door mirror housing	dimensional accuracy -> incorrect fit	left
body fixtures and fittings -> exterior mirror -> door mirror housing	dimensional accuracy -> incorrect fit	right

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		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

Wind noise from the door mirror at speeds above 30 mph/50 km/h

Technical background

The wind noise can be heard from inside the cabin, the issue can be evident from one or both door mirrors

The issue is caused by air flowing through the front door aperture, the air is then channelled into the mirror housing using the route of the door harness as the leak path

Check and confirm the wind noise/leak is evident from one or both door mirrors

TIP: Use a smoke machine to help identify the exact location of the leak, should the smoke test confirm the noise is due to air passing through the door/door harness channel, carry out the instructions within the Measure section of this TPI

Production change

-

Measure

1) Remove the suspected door mirror – Refer to Repair manual Rep. Gr 66

- Remove the mirror foot cover by removing the two fixings shown in Figure 1
- Check the condition of the upper and lower mirror seals - *Replace as required*



Figure 1

- Referring to Figure 2, Using NITTO adhesive backed foam block (specification 686 or similar) cut the foam block to the dimensions shown – 20 x 20 x 50mm

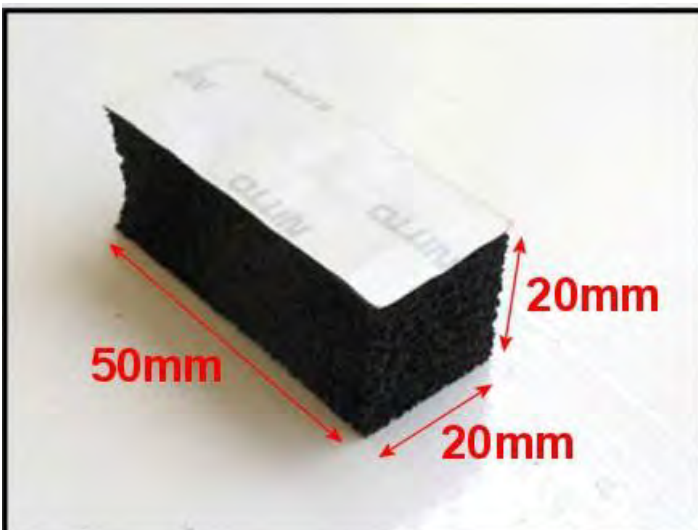


Figure 2

- Remove the adhesive backing strip

- Referring to Figure 3, Insert the foam block 10mm into the mirror housing. The adhesive side of the block when fitted should be stuck to the harness



Figure 3

- Referring to Figure 4 - Check and confirm the foam block ISNOT distorting the mirror housing seal due to contact, the condition shown is correct



Figure 4

- Once the foam block is fitted check and confirm the harness leak path is completely blocked ensuring no air can flow into the mirror housing
- Refit the door mirror - Refer to Repair manual Rep.Gr 66 *NOTE: Ensure all instructions are followed*

Warranty accounting instructions

Refer to Elsa Pro Labour Operations for all applicable repair times

Parts information

The required replacement parts should be ordered from Bentley Motors Limited Crewe or through the applicable regional Bentley parts distribution centre

The NITTO foam block (specification 686) or similar specification must be sourced locally