

Technical product information

Topic	1.5 KHz Front brake squeal when reversing
Market area	Bentley: worldwide (2WBE),Hongkong-Macau (5HK)
Brand	Bentley
Transaction No.	2053914/8
Level	EH
Status	Approval
Release date	

New customer code

Object of complaint	Complaint type	Position
running gear -> brakes, brake control	noise, vibration	
running gear -> brakes, brake control -> service brake	noise, vibration -> noise	
running gear -> brakes, brake control	component / consumables	

Vehicle data

New Continental GT/GTC and New Flying Spur

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		*	*	*
3S4*	2019	E		*	*	*
3S4*	2020	E		*	*	*
3S4*	2021	E		*	*	*
ZG2*	2020	E		*	*	*
ZG2*	2021	E		*	*	*

Chassis numbers

Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
SCB	*	*	*	*	*	000001	088712		

Documents

Document name
master.xml

1.5 KHz Front brake squeal when reversing

Customer statement / workshop findings

Front brake squeal at 1.5 KHz when reversing during brake application

Technical background

▪

VERY IMPORTANT: This TPI is only applicable to Non-CSiC Brake Systems only

Production change

All VINS post SCBCZ13S4MC088712 are to specification and have the latest specification parts fitted

Measure

- 1) Carry out an inspection of the brake system to confirm the brake system components are serviceable as per Elsa pro guidelines
- 2) Follow the 'Brake noise identification' TPI 2052785 - IMPORTANT: For frequency analysis the noise recording equipment Bentley Motors recommends is the Chassis ear tool WT 10437
 - Obtain a clear recording using WT 10437 and attach it to the open DISS query
 - Obtain a clear recording using a suitable mobile device from outside of the vehicle and attach it to a new or open DISS query
 - If the sound recording produces a frequency of 1.5 KHz when the vehicle is reversing/during brake application – Replace the front brake pads Rep.Gr 46 – Refer to Parts information section

Warranty accounting instructionsFront brake pads replaced - New Continental GT and GTC

Warranty type 110 or 910

Damage service number 46 36

Damage code 00 20

Labour

Labour operation code 46 36 20 50

Time 60 TU

Front brake pads replaced - New Flying SpurLabour

Labour operation code 46 36 20 50

Time 70 TU

Remove and Refit both front wheels (All models)

Labour operation code 44 05 20 00

Time 10 TU

Road test/Chassis ear diagnosis

Labour operation code 01 21 00 00

Time 50 TU

Parts information

Front brake pad service kit - 3SA 698 151B

▪

Kit will include brake pad part numbers 3SA 615 115 D and 3SA 615 116 D (x2 each)

Figure 1 shows the previous and latest specification pads and a brief description of the differences between the two variants

3SA.615.115.B/116.B



- Big trailing top cut
- Full pin length of 7 mm on back plate
- Riveted only shim MS18937

3SA.615.115.D/116.D



- 49.6° radial chamfers + reduced top cut
- Reduced pin length to 3.5 mm on back plate
- Bonded shim with material WXP 6538

Figure 1