

Technical product information

Topic	Odour emanating from the front wheel arches/front wheels - Odour is also evident within the cabin
Market area	Russische Föderation (5RU),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.	2066580/1
Level	EH
Status	Approval
Release date	

New customer code

Object of complaint	Complaint type	Position
running gear -> brake system	soiling	
running gear -> brakes, brake control	component / consumables	

Vehicle data

New Continental GT/GTC, New Flying Spur and Bentayga

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		*	*	*
3S4*	2019	E		*	*	*
3S4*	2020	E		*	*	*
3S4*	2021	E		*	*	*
3S4*	2022	E		*	*	*
4V1*	2017	E		*	*	*
4V1*	2018	E		*	*	*
4V1*	2019	E		*	*	*
4V1*	2020	E		*	*	*
4V1*	2021	E		*	*	*
4V1*	2022	E		*	*	*
ZG2*	2020	E		*	*	*
ZG2*	2021	E		*	*	*
ZG2*	2022	E		*	*	*

Equipment combinations

PR numbers
with 2EG
or with 2EM

Documents

Document name
master.xml

Customer statement / workshop findings

- Undesirable odour emanating from the front wheel arches, the issue occurs after the vehicle has reached normal operating temperature
- The odour can also be evident within the cabin

Technical background

HINT: The issue described is mainly evident on low mileage/low use vehicles with iron brakes

In the event the symptoms are as described, please conduct the instructions within the Measure section of this TPI

Production change

Under investigation

Measure

1) Conduct a road test to confirm the issue described is evident

- Once confirmed, conduct the onward steps to completion

2) Carry out a full visual inspection of the complete braking system to confirm the braking system is to specification

NOTE: Pay attention to the following:

- Front calliper assembly/brake pad wax contamination
- Fluid leaks
- Signs of assembly wax contamination/fluid leaks onto the front wheel hubs and brake assemblies

3) Referring to Rep.Gr 46 - Remove the left and right front brake pads

- Inspect the left and right front brake calliper pistons, checking for any excessive assembly wax which may be applied between the calliper and brake pad surfaces (Figures 1 and 2)

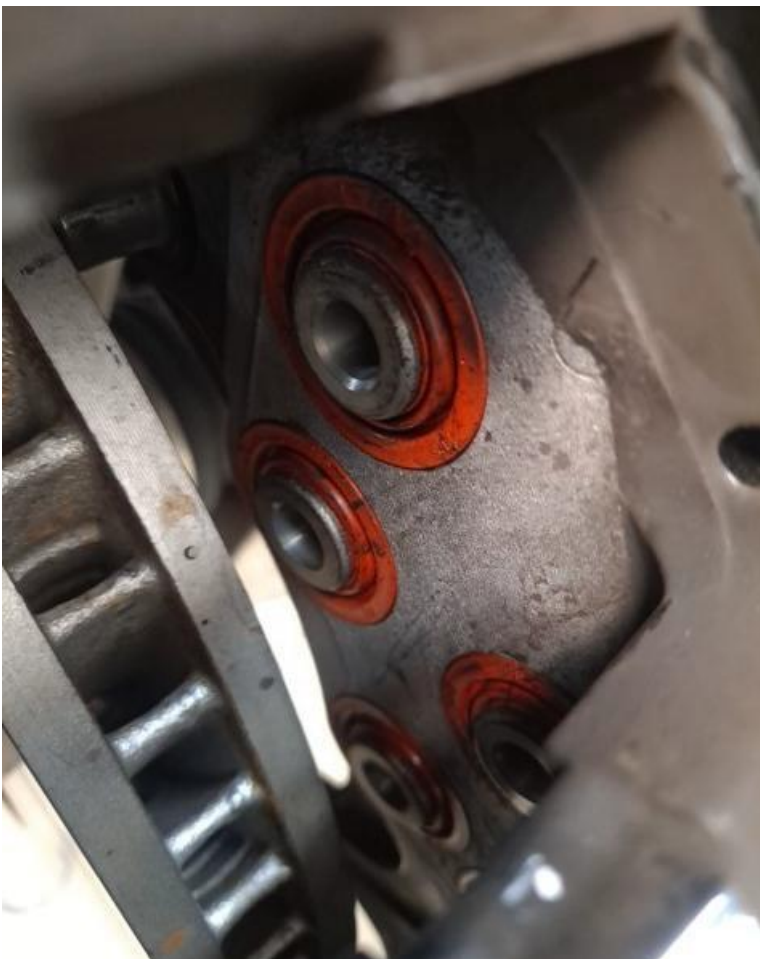


Figure 1

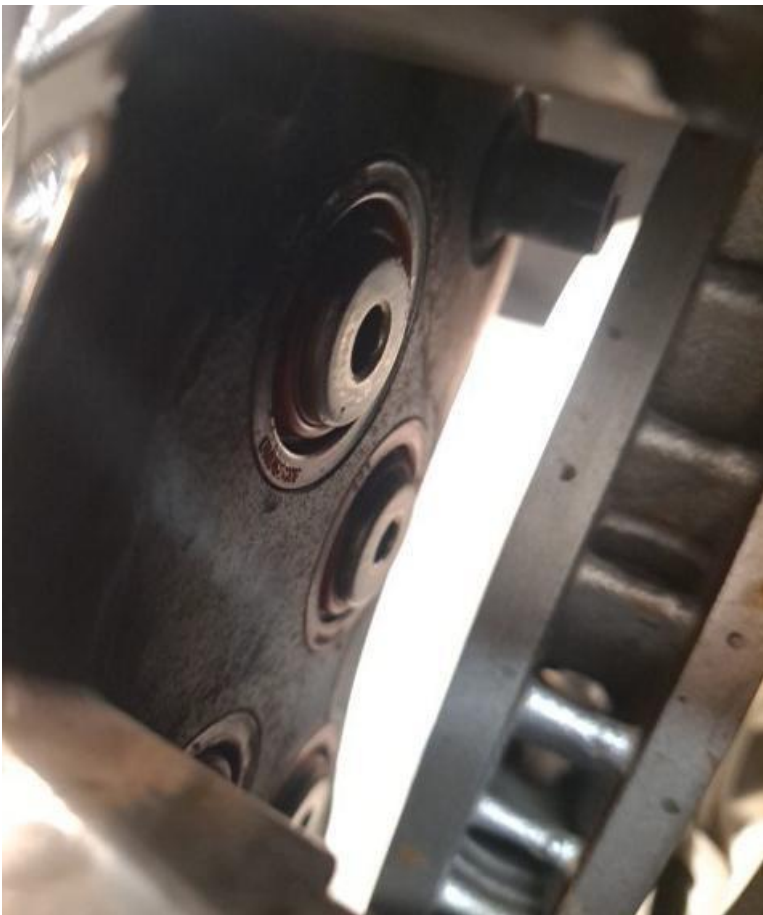


Figure 2

4) Using a suitable brake cleaner - Remove the assembly wax from the left and right hand calliper and Calliper pistons

- Using a suitable brake cleaner - Remove the assembly wax from the rear of the front brake pads **IMPORTANT: DO NOT APPLY THE BRAKE CLEANER DIRECTLY TO THE FRICTION SURFACES OF THE BRAKE PADS**

CAUTION: In the event the friction surfaces of the brake pad are contaminated the operative **MUST** raise a DISS query (ensure good quality resolution photographs are attached) and wait feedback before conducting any further work

5) Referring to Rep.Gr 46 - Refit the left and right front brake pads

6) Conduct a second road test to confirm the odour is no longer evident

Warranty accounting instructions

Warrantytype 110 or910

Damage Service Number 46 36

Damage Code 00 49

Time to remove and refit the front brake pads

New Continental GT/GTC and New Flying Spur

Labour

Labour Operation Code 46 36 20 00

Time 50 TU

Time to remove and refit the front brake pads

Bentayga

Labour

Labour Operation Code 46 36 20 50

Time 40 TU

Time to remove and refit the front brake pads

Labour Operation Code 44 05 20 00

Time 10 TU

Road test (x2) all models

Labour

Labour Operation Code 01 21 00 00

Time 50 TU

Parts information

Not applicable