

Technical product information

Topic	"Drive System Fault" warning present within the DIP - Under full throttle conditions
Market area	Australia E04 Bentley rest Asia and Australia (6E04),China 723 Volkswagen (Anhui) Automotive CO (6723),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.	2067483/4
Level	EH
Status	Released for publishing
Release date	28-Sep-2023

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0001 - Engine electronics	P310B00: Fuel low pressure regulation Fuel pressure outside specification		static

New customer code

Object of complaint	Complaint type	Position
engine -> engine operation -> engine refinement	functionality -> misfire	
engine -> engine operation -> power development -> engine power	functionality -> uneven	
engine -> engine operation -> power development -> throttle response	functionality -> misfire	
vehicle service -> vehicle diagnosis -> guided fault finding	control units, services -> with event log entry	

Vehicle data

New Continental GT(C) and New Flying Spur - V8 Kovomo

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3S32CB	2022	E		*	*	*
3S32CB	2023	E		*	*	*
3S32CB	2024	E		*	*	*
3S34CB	2023	E		*	*	*
3S34CB	2024	E		*	*	*
3S42CB	2022	E		*	*	*
3S42CB	2023	E		*	*	*
3S42CB	2024	E		*	*	*
3S44CB	2023	E		*	*	*
3S44CB	2024	E		*	*	*
ZG22CB	2022	E		*	*	*
ZG22CB	2023	E		*	*	*
ZG22CB	2024	E		*	*	*
ZG24CB	2023	E		*	*	*
ZG24CB	2024	E		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings



CAUTION: Before proceeding with the instructions within this TPI the operative **MUST** confirm the symptoms listed below are evident in particular - Acceleration limitation with erratic engine behaviour under full throttle conditions



VERY IMPORTANT: If the symptom present is evident during vehicle start up or similar conditions please refer to TPI 2061171/-

Symptoms

- Acceleration limitation with erratic engine behaviour under full throttle conditions
- Under acceleration the vehicle appears to be slow and unresponsive
- The engine appears to be underpowered during acceleration
- Drive System Fault warning evident within the DIP

The following DTC may also be evident

- P310B00 – Symptom 2636 - Fuel low pressure regulation (Figure 1)

Entry in fault memory		
Number:	P310B00: Fuel low pressure regulation	
Fault type 2:	Fuel pressure outside specification	
Symptom:	passive/sporadic	
Status:	2636	
	01100000	
Standard ambient conditions:		
Extended ambient conditions:		
Engine rpm	5357.0	1/min
Normed load value	100.00000185	%
Vehicle speed	164	km/h
Coolant temperature	99	°C
Intake air temperature	36	°C
Ambient air pressure	1000	mbar
Voltage terminal 30	12.76	V
Dynamic environmental data	20 96 28 11 CE 17 D4 11	
	C8 0B 78 11 C9 FF 4A 11	
	A4 E4 78 12 8A CC 15 9F	
	B1 8C 15 A0 B3 8C	
Unlearning counter according OBD	40	
Low fuel pressure, specified value	610.0	kPa
Fuel low pressure, actual value	293.6	kPa
Fuel pump adaptation	-18.2	kPa
Fuel pump, specified value	89.245605	%
Fuel temperature	105.0	°C
Fuel high-pressure, actual value	22.726	MPa
Fuel pressure rail 2	22.982	MPa

Figure 1



VERY IMPORTANT: If the symptom present is evident during vehicle start up or similar conditions please refer to TPI 2061171/-

Technical background

IMPORTANT: Before following the instructions within the Measure section you must confirm the issue is evident in conjunction with all of the symptoms listed within the Customer statement/Workshop findings section in particular - Acceleration limitation with erratic engine behaviour under full throttle conditions

Production change

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Measure

1) Erase all DTC's and attempt to reproduce the issue

- Should the issues still be evident please refer to the instructions within the Measure section ensuring each step in followed to completion

However

- Should the issue not be evident the operative must open a new DISS query or respond via the open DISS query and await feedback before conducting any further work



VERY IMPORTANT: Before proceeding the operative should refer to Rep.Gr 20 - Fuel system - Safety precautions

And

Rep.Gr 20 - Fuel system - To check

2) Referring to Rep.Gr 20 - Depressurise the fuel system

3) Referring to Figure 2 (Item 12) remove the fuel line shown

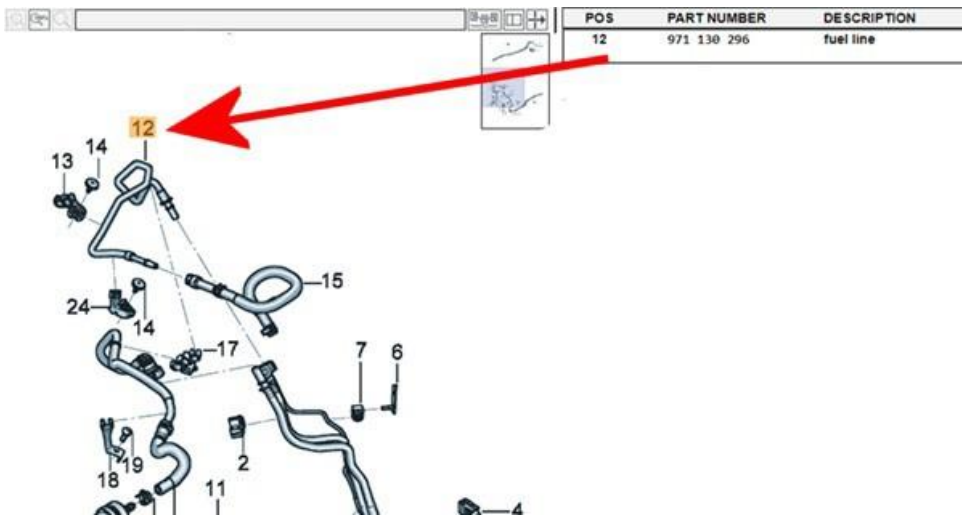


Figure 2

4) Referring to Figure 3 - Check to confirm if the fuel line is blocked/restricted

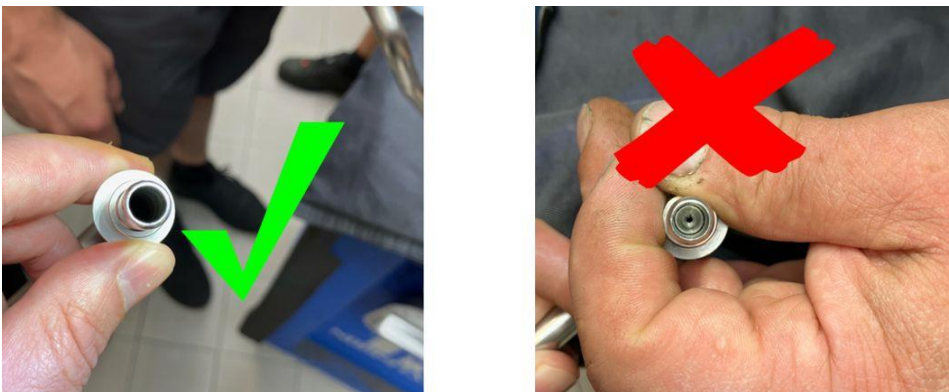


Figure 3

- In the event the fuel line is blocked/restricted - Replace the fuel line as shown in Figure 2 (item 12) ensuring all Rep.Gr guidelines are strictly adhered to

However

- In the event the fuel line is not blocked/restricted the operative should refer to Rep.Gr 20 and conduct the Low pressure fuel system - to test and provide feedback via a new or existing DISS query

Warranty accounting instructions

Warranty type 110 or 910

Damage service number 20 38

Damage code 00 10

Time to replace the fuel line

Labour Operation Code 20 37 01 00 (Use 99 index until 10/11/22)

Time 30 TU

Time to remove and install the fuse to allow depressurising the fuel system

Labour Operation Code 97 92 19 50

Time 10 TU

Diagnostic (GFF) time using ODIS

Labour Operation Code 01 50 00 00

Time As per ODIS log (Must not exceed 30 TU)

Road test

Labour Operation Code 01 21 00 00

Time 50 TU

Parts information

As per ETKA parts catalogue