

Technical product information

Topic	"Drive System Fault" warning present within the DIP - Under full throttle conditions
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.	2067483/1
Level	EH
Status	Approval
Release date	

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
3S42CB	2020	E		*	*	*
3S42CB	2021	E		*	*	*
3S42CB	2022	E		*	*	*
ZG22CB	2020	E		*	*	*
ZG22CB	2021	E		*	*	*
ZG22CB	2022	E		*	*	*

Documents

Document name
master.xml

“Drive System Fault” warning present within the DIP - Under full throttle conditions

Customer statement / workshop findings

- 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 passive/sporadic		
Symptom:	2636		
Status:	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			
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

Technical background

IMPORTANT: Before following the instruction within the Measure section you must confirm the issue is evident in conjunction with the above symptoms, Erase all DTC’s and attempt to reproduce the issue

Should the issue 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

Production change

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Measure

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

- 1) Referring to Rep.Gr 20 - Depressurise the fuel system
- 2) Referring to Figure 2 (Item 12) remove the fuel line shown

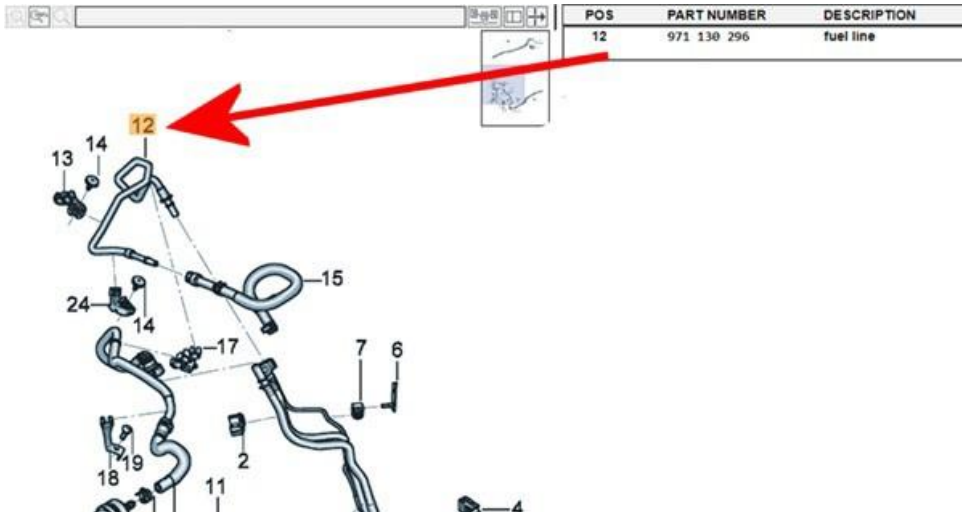


Figure 2

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

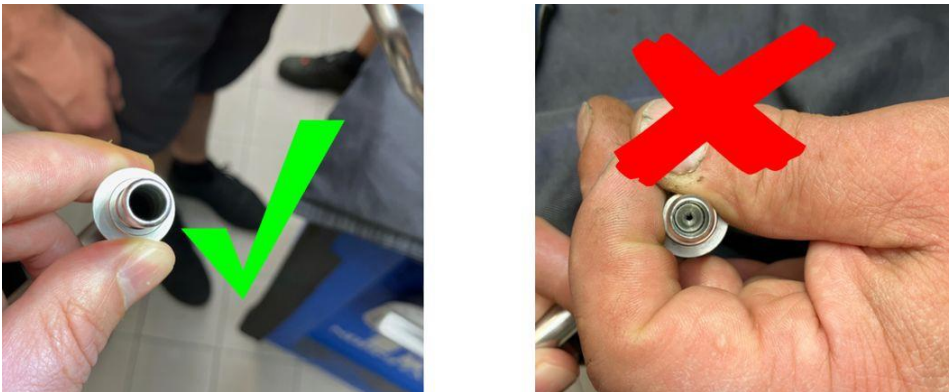


Figure 3

- 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

Due to the numerous possible scenarios/issues which could be evident, please use the Labour Operation times within Elsa Pro ensuring all applicable/required information is supplied with each warranty claim

Parts information

As per ETKA parts catalogue