

Technical product information

Topic	Bentayga W12 - Primary Catalytic converter Replacement - Warranty Labour Operation Time confirmation
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.	2069107/1
Level	EH
Status	Approval
Release date	

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0001 - Engine electronics	P042000: Catalyst System,Bank1 Efficiency Below Threshold		Intermittent
0001 - Engine electronics	P042000: Catalyst System,Bank1 Efficiency Below Threshold		static
0011 - Engine Electronics 2	P042000: Catalyst System,Bank1 Efficiency Below Threshold		Intermittent
0011 - Engine Electronics 2	P042000: Catalyst System,Bank1 Efficiency Below Threshold		static
0001 - Engine electronics	P043000: Catalyst System, Bank2 Efficiency Below Threshold		Intermittent
0001 - Engine electronics	P043000: Catalyst System, Bank2 Efficiency Below Threshold		static
0011 - Engine Electronics 2	P043000: Catalyst System, Bank2 Efficiency Below Threshold		Intermittent
0011 - Engine Electronics 2	P043000: Catalyst System, Bank2 Efficiency Below Threshold		static

New customer code

Object of complaint	Complaint type	Position
engine -> exhaust system, exhaust gas recirculation, emission control system -> primary catalytic converter	component / consumables -> damaged	
engine -> exhaust system, exhaust gas recirculation, emission control system	high-volume parts	
engine -> exhaust system, exhaust gas recirculation, emission control system	functionality	
vehicle service -> vehicle diagnosis -> guided fault finding	control units, services -> with event log entry	

Vehicle data

Bentayga W12

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4V14A9	2017	E		*	*	*
4V14A9	2018	E		*	*	*
4V14A9	2019	E		*	*	*
4V14A9	2020	E		*	*	*
4V14A9	2021	E		*	*	*
4V14A9	2022	E		*	*	*
4V14A9	2023	E		*	*	*
4V14G9	2020	E		*	*	*
4V14G9	2021	E		*	*	*
4V14G9	2022	E		*	*	*
4V14G9	2023	E		*	*	*

Documents

Document name
master.xml

Customer statement / workshop findings

Customer statement

Engine warning light illuminated within the DIP

Workshop findings

The following DTC's are evident

- P042000: Catalyst System,Bank1 Efficiency Below Threshold
- P043000: Catalyst System, Bank2 Efficiency Below Threshold

Technical background

In the event the afore mentioned DTC's are evident resulting in the replacement of the following:

- Bank 1 catalytic converter

and /or

- Bank 2 catalytic converter
- On completion, the operative must refer to the Warranty accounting instructions to ensure the correct Warranty times are submitted

NOTICE

HINT: Please be aware of the following:

- The Bank 1 Pre catalytic converter can only be replaced once the engine and transmission has been removed
- The Bank 2 Precatalytic converter can be replaced without removing the engine and transmission, instead the front subframe can be removed to gain access

HINT: Please always refer to the repair manual and associated Rep.Gr

Production change

Not applicable

Measure

Refer to the Technical background and Warranty accounting instruction sections

Warranty accounting instructions

Warranty type - 110 or 910 (and 1E1, 1E2, 1E4 depending on Region)

Damage Service Number 26 70

Damage Code 0010 or 0015 or 0016

Time to remove and refit the engine and transmission to allow the replacement of the Bank 1 Precatalytic converter

Labour Operation Code 10 85 19 00

Time 1200 TU

Time to replace the Bank 1 Precatalytic converter (engine and transmission removed)

Labour Operation Code 26 70 19 50

Time 30 TU

Time to replace Bank 2 Precatalytic converter (front subframe removed)

Labour Operation Code 26 70 19 00

Time 730 TU

Time to remove and refit the engine and transmission to allow the replacement of the Bank 1 and 2 Precatalytic converter

Labour Operation Code 10 85 19 00

Time 1200 TU

Time to replace the Bank 1 and Bank 2 Precatalytic converters (Engine and transmission removed)

Labour Operation Code 26 70 20 00

Time 50 TU

Self Diagnosis

Labour Operation Code 01 50 00 00

Time Time taken from diagnostic log (Maximum 20TU)

Alignment of applicable driver assist systems (Depending on vehicle specification)

- Vehicle front + rear measured wheel alignment checked - 44 95 03 00 - 110 TU
- Rear wheel camber adjust - 44 94 15 50 - 30 TU
- Rear wheel track adjust - 44 93 15 50 - 30 TU
- Front wheel camber adjust - 44 89 15 50 - 40 TU
- Front wheel track adjust - 44 88 15 50 - 20 TU
- (ACC) - Radar sensor checked + adjusted - 91 63 05 51 - 30 TU
- Overhead view camera adjusted - 90 83 15 00 - 40 TU
- Driver assist camera adjusted - 96 38 15 50 - 120 TU
- Control unit for (Lane change assist) adjusted - 96 35 15 00 - 50 TU
- Night vision system calibration - 90 80 15 50 - 40 TU
- Headlamps to adjust - 94 15 16 00 20 TU

Road test

Labour Operation Code 01 21 00 00

Time 50 TU