

## Technical product information

<b>Topic</b>	Continental Series and Flying Spur - Camshaft Timing Over Advanced - V8T
<b>Market area</b>	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
<b>Brand</b>	Bentley
<b>Transaction No.</b>	2047762/5
<b>Level</b>	EH
<b>Status</b>	Released for publishing
<b>Release date</b>	May 18 2026

### Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0001 - Engine electronics	P001600: Crankshaft Position-Camshaft Position Correlation Bank 1 Sensor A		Intermittent
0001 - Engine electronics	P001100: A Camshaft Position (Bank1) Timing over-advanced or System Performance		Intermittent
0011 - Engine electronics 2	P001800: Crankshaft Position-Camshaft Position Correlation Bank 2 Sensor A		Intermittent
0011 - Engine electronics 2	P002400: B Camshaft Position (Bank2) Timing over-advanced or System Performance		Intermittent
0001 - Engine electronics	P001700: Crankshaft Position-Camshaft Position Correlation Bank 1 Sensor B		Intermittent
0001 - Engine electronics	P001400: B Camshaft Position (Bank1) Timing over-advanced or System Performance		Intermittent
0011 - Engine electronics 2	P002100: A Camshaft Position (Bank2) Timing over-advanced or System Performance		Intermittent
0011 - Engine electronics 2	P001900: Crankshaft Position-Camshaft Position Correlation Bank 2 Sensor B		Intermittent

### New customer code

Object of complaint	Complaint type	Position
electrical power, electric system, data transfer -> power supply	functionality	
vehicle service -> vehicle diagnosis -> guided fault finding	control units, services -> with event log entry	
engine -> engine operation	functionality	
engine -> operation, engine control -> engine control		

unit	control units, services -> error message
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### New workshop code

Object of complaint	Complaint type	Position
engine -> operation, engine control -> engine control unit	control units, services -> with event log entry	

## Vehicle data

### Continental GT, GTC and Flying Spur - GT3R - V8T

#### Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
39*2**	2012	E		*	*	*
39*2**	2013	E		*	*	*
39*2**	2014	E		*	*	*
39*2**	2015	E		*	*	*
39*2**	2016	E		*	*	*
39*2**	2017	E		*	*	*
39*2**	2018	E		*	*	*
39349B	2015	E		*	*	*
4W22**	2014	E		*	*	*
4W22**	2015	E		*	*	*
4W22**	2016	E		*	*	*
4W22**	2017	E		*	*	*
4W22**	2018	E		*	*	*

## Documents

<b>Document name</b>
<a href="#">master.xml</a>

## Customer statement / workshop findings

Check engine warning lamp illuminated on Drivers Instrument Panel.

DTC's stored within the Engine Control Module (ECM)

## Technical background

Internal failure of Inlet or Exhaust Camshaft Adjuster may result in Malfunction Indicator Lamp illumination and DTC's stored within the ECM.

## Revision History

2047762/5 – Removal of the requirement for mandatory DISS submission prior to commencing this TPI.

## Production change

Modified locking pin within the Camshaft Adjuster introduced 08.09.2016.

## Measure

With a confirmed Complaint of Malfunction Indicator Lamp illumination and one or more of the following DTC's stored:-

0001 - Engine Control Module 1	P001100: A Camshaft Position (Bank1) Timing over-advanced or System Performance
0001 - Engine Control Module 1	P001400: B Camshaft Position (Bank1) Timing over-advanced or System Performance
0001 - Engine Control Module 1	P001600: Crankshaft Position-Camshaft Position Correlation Bank 1 Sensor A
0001 - Engine Control Module 1	P001700: Crankshaft Position-Camshaft Position Correlation Bank 1 Sensor B
0011 - Engine Control Module 2	P002100: A Camshaft Position (Bank2) Timing over-advanced or System Performance
0011 - Engine Control Module 2	P002400: B Camshaft Position (Bank2) Timing over-advanced or System Performance
0011 - Engine Control Module 2	P001800: Crankshaft Position-Camshaft Position Correlation Bank 2 Sensor A
0011 - Engine Control Module 2	P001900: Crankshaft Position-Camshaft Position Correlation Bank 2 Sensor B

- Check the date code marked on each of the four Camshaft Adjusters, any found to be prior to 8/9/2016 (Date code 09T08) - Figure 1 - should be replaced. When changing a Camshaft Adjuster the relevant Camshaft Control Valve should also be replaced.
- Camshaft adjusters later than date code 8/9/2016 (09T08) do not need to be changed – Figure 2 - unless the fault code stored is specifically for that particular Camshaft Adjuster.

As a guide, use the applicable sections from Repair Group **15 – Engine cylinder head, valve gear – 4.0L V8 – Camshaft timing chains – To remove and fit**



The Elsa Pro procedure must be strictly adhered to, ensure all parts and fixings are replaced as instructed  
Always refer to the electronic parts catalogue for the latest parts information



Figure 1



Figure 2

- When replacing the camshaft adjusters check and confirm the specification of ALL four camshaft mating faces IMPORTANT: Should the camshaft faces be smooth as shown in Figure 3 all four camshafts should be replaced

As a guide, use the applicable sections from Repair Group **15 – Engine cylinder head, valve gear – 4.0L V8 – Camshaft timing chains – To remove and fit.**

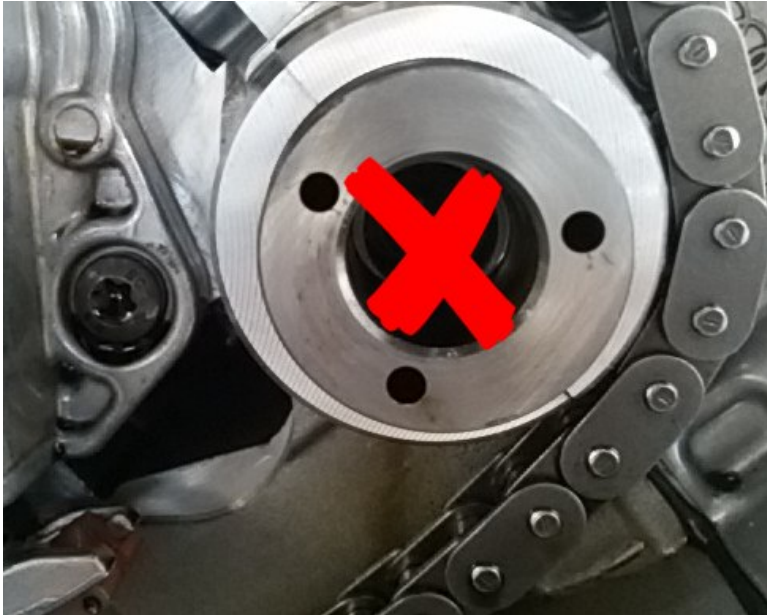


Figure 3

- Should the camshaft mating faces be machined patterned as Figure 4, there is no requirement to replace the camshafts

IMPORTANT: Should the camshafts be required to be replaced ensure all associated components are to specification as per Elsa Pro guidelines



Figure 4

### **Warranty accounting instructions**

Warranty Type: 110 or 910

Damage Service Number: 15 84

Damage Code: 00 11

**Labour**

### Continental GTC - Camshaft adjuster – check date code

Labour Operation: 15 84 02 20

Time: 1610 TU (Continental GT)

Time: 1650 TU (Continental GTC)

Time: 1620 TU (Flying Spur)

### One Camshaft adjuster replaced – Bank 2

Labour Operation: 15 84 55 71

Time: 180 TU

### Two Camshaft adjusters replaced – Bank 2

Labour Operation: 15 84 56 71

Time: 190 TU

### One Camshaft adjuster replaced – Bank 1

Labour Operation: 15 84 55 72

Time: 210 TU (Continental GT/GTC)

Time: 220 TU (Flying spur)

### Two Camshaft adjusters replaced – Bank 1

Labour Operation: 15 84 56 72

Time: 220 TU (Continental GT/GTC)

Time: 230 TU (Flying Spur)

### Replace all four camshafts

Labour Operation: 15 05 56 74

Time: 240 TU

## Parts information

*Always refer to the electronic parts catalogue to ensure the latest specification parts are supplied*

Part Number	Description	Quantity
06E 109 257T	Control valve camshaft	As required
06E 109 084N	Exhaust camshaft adjuster unit	As required
06E 109 083N	Inlet camshaft adjuster unit	As required
079 109 003GQ	Camshaft exhaust cylinders 1 – 4	1
079 109 003GN	Camshaft inlet cylinders 1 – 4	1
079 109 003HA	Camshaft exhaust cylinders 5 – 8	1
079 109 003GS	Camshaft inlet cylinders 5 – 8	1

