

Technical product information

Topic	Continental GT - Continental Flying Spur - Replacement engine identification
Market area	Worldwide Bentley (1WBE)
Brand	Bentley
Transaction No.	2034004/1
Level	EH
Status	Approval
Release date	

New customer code

Object of complaint	Complaint type	Position
Vehicle service -> Service, maintenance	service: process	
Engine -> Housing for crankshaft -> Crankcase	visual appeal / surface -> corrosion	right
Engine -> Cylinder head, valve train -> Cylinder head	visual appeal / surface -> corrosion	
Body fixtures and fittings -> Trim, protective strips, brightware, dirt deflector -> Engine type lettering	visual appeal / surface -> matt	
Engine -> Engine operation	functionality	
Engine -> Lubrication system	component / consumables	
Engine -> Gear drive, chain drive, belt drives	component / consumables	
Vehicle service -> Service, maintenance -> Maintenance table -> Interval service	service: process -> with determination of concern	

New workshop code

Object of complaint	Complaint type	Position
Body fixtures and fittings -> Trim, protective strips, brightware, dirt deflector -> Engine type lettering	component / consumables -> missing	
Overall vehicle -> Labelling -> Engine code label	component / consumables -> missing	
Body fixtures and fittings -> Trim, protective strips, brightware, dirt deflector -> Engine emblem	component / consumables -> missing	
Engine -> Lubrication system -> Engine oil heat exchanger	component / consumables -> wrong	

Vehicle data

Continental GT and Continental Flying Spur

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
3W2*	2004	E		*	*	*
3W2*	2005	E		*	*	*
3W2*	2006	E		*	*	*
3W3*	2004	E		*	*	*
3W3*	2005	E		*	*	*
3W3*	2006	E		*	*	*

Chassis numbers

Manufacturer	Filler	Type	Filler	MY	Factory	From	To	Prod from	Prod to
SCB	CE6	3W	9	4	C				
SCB	CE6	3W	5	4	C				
SCB	CE6	3W	2	4	C				
SCB	CE6	3W	3	5	C				
SCB	CE6	3W	8	5	C				
SCB	CE6	3W	6	5	C				
SCB	CE6	3W	1	5	C				
SCB	CE6	3W	4	6	C				
SCB	BR5	3W	9	6	C				
SCB	BR5	3W	1	6	C				
SCB	CE6	3W	9	6	C				
SCB	BE5	3W	4	6	8				

SCB	CE6	3W	7	6	C		
SCB	BR5	3W	X	6	C		
SCB	BE5	3W	3	6	C		
SCB	CE6	3W	2	4	C		
SCB	CE6	3W	5	5	C		
SCB	BE5	3W	0	6	C		
SCB	CR6	3W	7	4	C		

Documents

Document name
master.xml

Customer statement / workshop findings

Should an engine be required for a Continental GT or Continental Flying Spur and the model year of the vehicle is 2004 to 2006, Bentley Motors supplies replacement engines which have been specifically manufactured as a direct replacement for the original specification engine.

⚠ The replacement engine is based on a 2012 model year engine.

IMPORTANT: This TPI only applies to 2004 to 2006 Continental GT and Continental Flying Spur vehicles fitted with a 2012 M/Y replacement engine, No other model years or engine types are affected.

Other replacement parts unless mentioned within this TPI are not affected

Technical background

The Measure section highlights the following key points:

- Section 1 - How to identify if a replacement engine is fitted
- Section 2 – Details the parts which are different from the original specification 2004 to 2006 model year engine
- Section 3 – How to manually populate and navigate to the applicable screen in Elsa Pro and ETKA without using the actual VIN, this ensures the correct parts are received for a 2012 engine

Production change

Not applicable

Measure

Section 1

1. Referring to Figure 1, the Bentley Motors emblem is stamped on the front face of the left hand cylinder head (Bank 2) below the engine oil filler cap assembly and/or there is also a stamp on the right hand side of the crankcase (Figure 2) *NOTE: This is not as easy to visually locate*

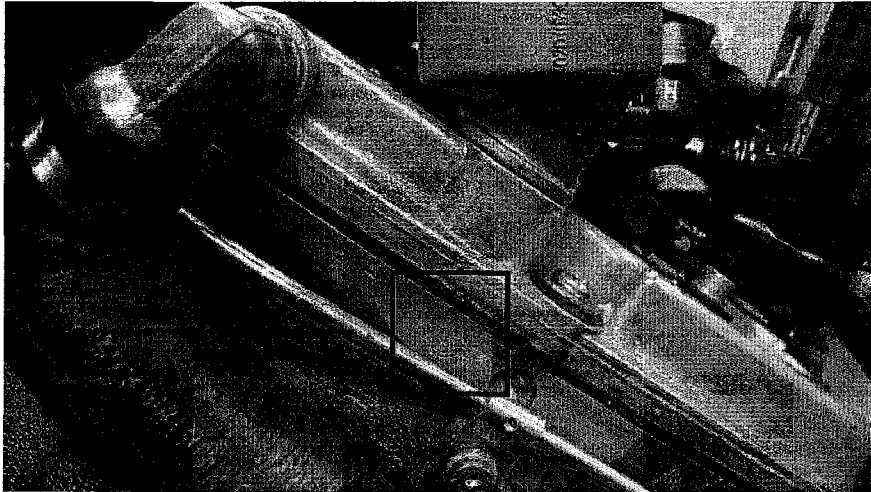


Figure 1



Figure 2

- Check the service handbook for the Service Handbook Addendum (Figure 3) the Addendum is supplied with the engine at time of manufacture or was supplied as part of a separate service campaign

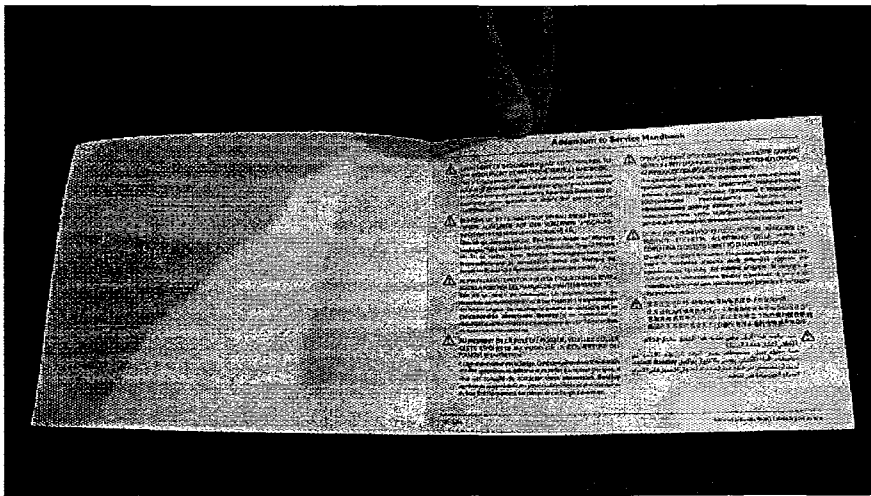


Figure 3

Section 2

2. Should any of the following parts be required it is essential that the parts listed below are ordered for a 12 model year engine and not the 04 to 06 model year equivalent

Figures 6 and 7 shows the required information regarding how to search for the specific 12 model year parts (listed in onward instructions) without using the actual VIN of the 04 to 06 M/Y vehicle



Searching without the applicable VIN only applies to this TPI, for all other parts which are not listed please use the applicable VIN

- Engine oil pump
- Front Crankshaft Seal
- Front Crankshaft Vibration Damper
- Front Crankshaft Vibration Damper Bolt
- Spark Plugs
- Hydraulic lash adjusters
- Oil Cooler Elbow (Figure 4 Point A)
- Oil Cooler pack (Figure 4 Point B)

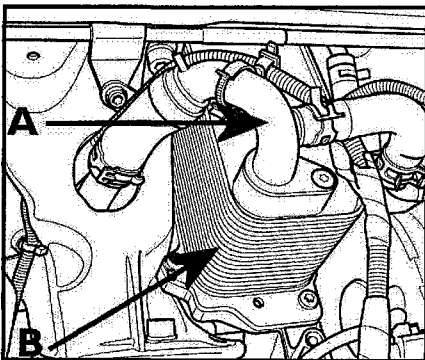


Figure 4

- Radiator Top Hose (Figure 5 Point A)
- Front Vent Pipe (Figure 5 Point B)

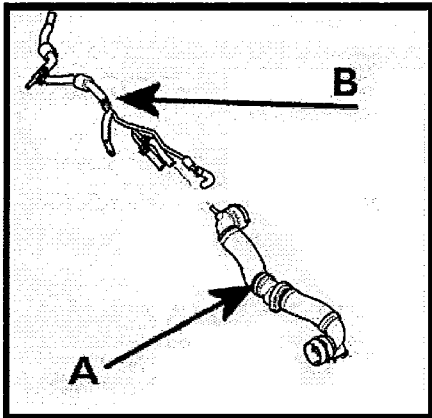


Figure 5

Section 3

- 3. Referring to Figure 6 - When searching for any of the listed parts in ETKA – select NCGT and 2012 (Point A)
- Select engine (Point B)
- Do not search using the actual VIN of the vehicle
- Commence search for required parts, without using the applicable VIN

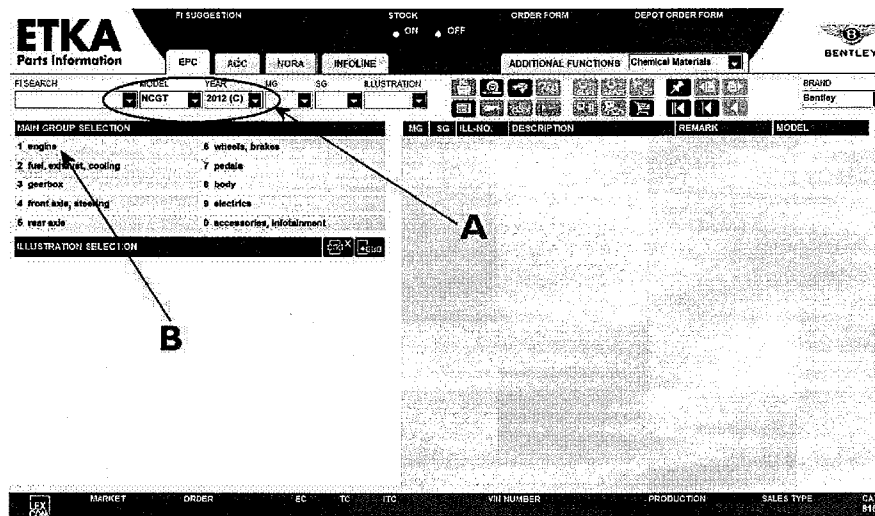


Figure 6

- Referring to Figure 7 – When searching for technical information in Elsa Pro – please manually populate the search criteria as shown
- Do not search using the actual VIN of the vehicle

Vehicle Identification

VIN

Brand *E <input type="text"/>	Sales code * 39311A <input type="text"/>	<input type="button" value="Search"/>
Model Year *2012 <input type="text"/>	Engine CKHB <input type="text"/>	<input type="button" value="Search"/>
	Transmission NNZ <input type="text"/>	<input type="button" value="Search"/>
	Final drive assembly <input type="text"/>	<input type="button" value="Search"/>

Color code <input type="text"/>	Production date <input type="text"/>
Delivery date <input type="text"/>	Dealer <input type="text"/>
Delivering dealer <input type="text"/>	Leasing code <input type="text"/>

Figure 7