

Technical product information

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|------------------------|--|
| 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 | 020563 | 020563 | | |
| SCB | CE6 | 3W | 5 | 4 | C | 020821 | 020821 | | |
| SCB | CE6 | 3W | 2 | 4 | C | 020856 | 020856 | | |
| SCB | CE6 | 3W | 3 | 5 | C | 023976 | 023976 | | |
| SCB | CE6 | 3W | 8 | 5 | C | 025609 | 025609 | | |
| SCB | CE6 | 3W | 6 | 5 | C | 027276 | 027276 | | |
| SCB | CE6 | 3W | 1 | 5 | C | 028842 | 028842 | | |
| SCB | CE6 | 3W | 4 | 6 | C | 031781 | 031781 | | |
| SCB | BR5 | 3W | 9 | 6 | C | 034637 | 034637 | | |
| SCB | BR5 | 3W | 1 | 6 | C | 035040 | 035040 | | |
| SCB | CE6 | 3W | 9 | 6 | C | 037334 | 037334 | | |
| SCB | BE5 | 3W | 4 | 6 | 8 | 038304 | 038304 | | |

| | | | | | | | | | |
|-----|-----|----|---|---|---|--------|--------|--|--|
| SCB | CE6 | 3W | 7 | 6 | C | 039437 | 039437 | | |
| SCB | BR5 | 3W | X | 6 | C | 033805 | 033805 | | |
| SCB | BE5 | 3W | 3 | 6 | C | 035892 | 035892 | | |
| SCB | CE6 | 3W | 2 | 4 | C | 020730 | 020730 | | |
| SCB | CE6 | 3W | 5 | 5 | C | 029648 | 029648 | | |
| SCB | BE5 | 3W | 0 | 6 | C | 035381 | 035381 | | |
| SCB | CR6 | 3W | 7 | 4 | C | 022266 | 022266 | | |

Documents

| Document name |
|----------------------------|
| master.xml |

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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*

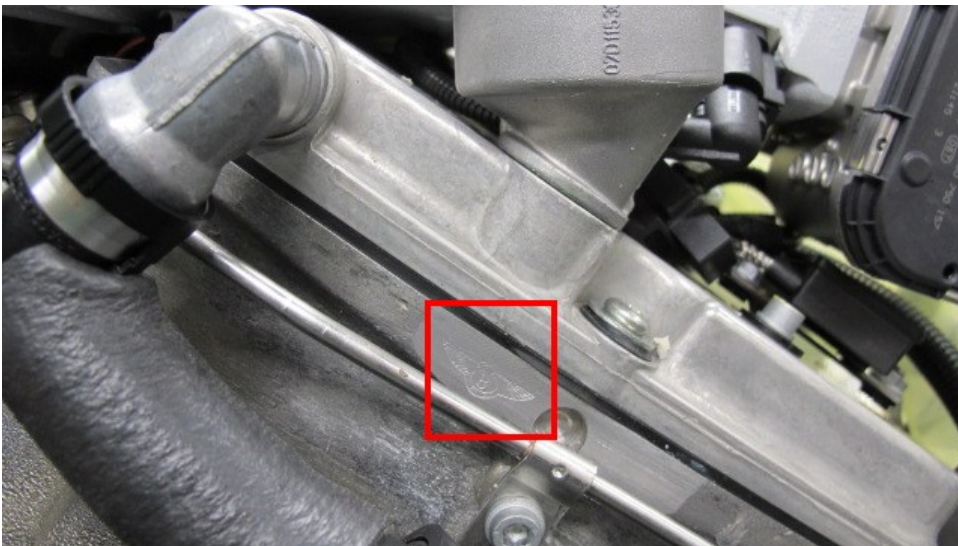


Figure 1



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

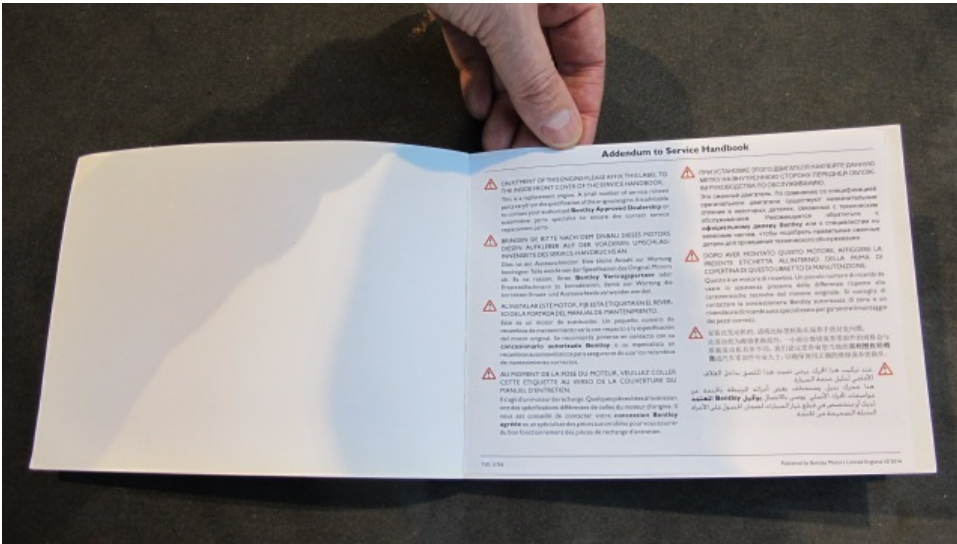


Figure 3

Section 2

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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)

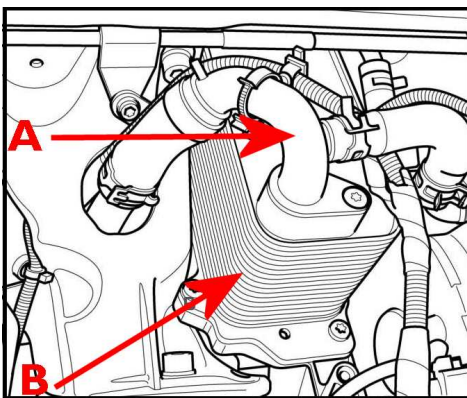


Figure 4

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

