



BENTLEY

Service Handbook

BENTLEY SERVICE HANDBOOK



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This Handbook includes information relating to certain features which are available as a customer option, and therefore may not be fitted as original equipment to your motor car.

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Introduction

As the owner of one of the world's most exclusive cars, you will consider it essential to ensure that your car is maintained and operated in a manner befitting the world-renowned status of the Bentley marque.

This Service Handbook provides the information you will need in order to ensure that your Bentley Continental GT is maintained and cared for in a manner befitting its fine pedigree. Before driving the car for the first time, we recommend that you study this Handbook, together with the Owner's Handbook and any other documents supplied.

The Service Handbook is divided into the following Chapters:

Maintenance

Regular and correct maintenance is essential to fully satisfy the operational expectations of the discerning Bentley owner.

This Chapter lists and fully describes those maintenance items necessary to ensure the continued reliability and superior performance of your car. It is incumbent upon the owner to ensure that they are carried out correctly and regularly.

Contained within the Chapter is a summary of the tasks that an Authorised Bentley Retailer will undertake as part of the service, and the intervals that they will be carried out at.

At the end of the Chapter are Vouchers to record the Service History of your car.

Also included is valuable advice concerning correct cleaning and storage procedures, as well as information that may help in the event of an emergency.

Specifications

This Chapter contains important operational specifications that may influence the manner in which the car is used and maintained.

For example: fluid capacities and weights.

Approved Consumables

This Chapter contains specifications for the oils, fluids and other consumable materials, approved to ensure the operational longevity of your car.

Warranty Information

The requirements of ownership and Bentley's obligations under the comprehensive three-year warranty, are described in this Chapter.

Change of Owner Details

In the event of a change of ownership occurring, you are advised to complete one of the forms in Chapter 5 'Change of Owner Details', in order to ensure that the full benefits of Bentley ownership are transferred to the new owner.

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BENTLEY SERVICE HANDBOOK IMPORTANT INFORMATION

Symbols used within this book

The following symbols have been used throughout this Handbook.

To ensure the optimum safety of the occupants and the operational safety and reliability of the car, you are advised to pay particular attention to the information accompanying the warning and caution symbols.

WARNING



Identifies important safety information.

Following these instructions will help protect you from accidents and injury. ■

WARNING



Throughout these documents, any information regarding warnings will be contained inside a box. The warning boxes will contain a symbol.

An arrow ► in the bottom right-hand corner denotes there is more information in the warning, either in the next column or on the next page.

A square ■ in the bottom right-hand corner denotes the end of the warning. ■

CAUTION



Identifies information which prevents the vehicle being damaged.

NOTE



Identifies additional information which will help you get the best from your vehicle.

For the sake of the environment



Identifies information relating to the protection of the environment.

Vehicle identification

A label in Chapter Six contains all the Technical Information relative to the vehicle, should it become necessary to discuss aspects of the vehicle with an Authorised Bentley Retailer.



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Maintenance |



INTRODUCTION

Correct regular checks and maintenance by the owner or driver, and the carrying out of comprehensive workshop servicing by qualified technicians at the specified intervals, are essential to fully ensure the continued reliability, safety and performance of your Bentley Continental GT.

This Chapter specifies and fully describes information on checking and topping-up fluids, fuse replacement, emergency starting, vehicle lifting, comprehensive cleaning instructions, advice on storage and recommissioning procedures, as well as the vehicle identification number label page.

Information from this label will be necessary when discussing the vehicle with your Authorised Bentley Retailer.

Chapter Six contains the approved service schedules and the service vouchers that will provide a continuous record of the service history of your vehicle. Ensure that the service vouchers are correctly endorsed after each service.

Adherence to the whole servicing regime is an essential requirement, if the full expectations of Bentley ownership are to be realised.

OPENING AND CLOSING THE BONNET

Opening (see Fig. 1-1)

Before you open the bonnet, ensure the windscreen wipers are



Fig. 1-1
Opening the bonnet

- 1 Bonnet release lever
- 2 Bonnet release catch

turned off and have returned to their fully stowed position. The bonnet release lever is located in the front left-hand footwell. Pull the lever (*item 1*) towards you to unlock the bonnet.



MAINTENANCE

From outside the vehicle, pull the bonnet release catch (the centre of the Bentley insignia) as illustrated (*item 2*). Using your hand under the leading edge, lift the bonnet slightly until the gas assist lift mechanism engages.

Do not use the release catch to lift the bonnet.

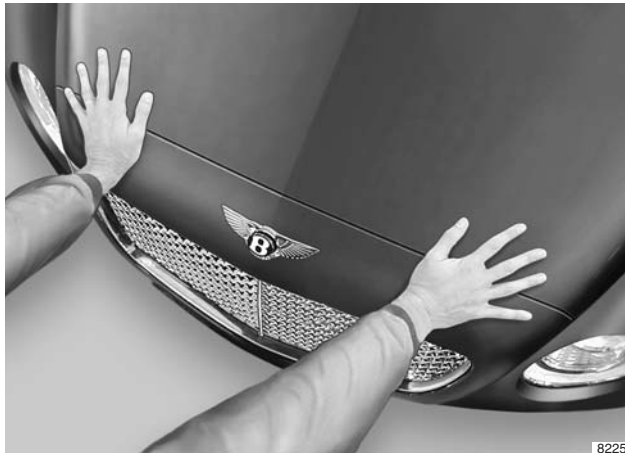


Fig. 1-2
Closing the bonnet

WARNING



Hot coolant can scald! Wait until there is no sign of escaping steam, smoke or coolant, before carefully opening the bonnet.

When working in the engine compartment, always observe the safety warnings, (refer to the heading 'Working in the engine compartment' on page 1-5). ■

Closing

To close the bonnet, pull the leading edge of the bonnet down against gas strut pressure, allowing the bonnet to lower down into its catches unassisted.

Then, placing a hand either side of the bonnet Bentley insignia, push down firmly to close the bonnet fully (see *Fig. 1-2*). Do not attempt to slam the bonnet. If the bonnet does not close correctly, open it fully and try again.

After closing the bonnet, always check that it is correctly secured - it must lie flush with the surrounding body panels and the release catch must have dropped back into the insignia housing.

WARNING



If the bonnet is not closed correctly, it could open while you are driving, obscuring your view of the road. This could cause an accident! ▶



WARNING (continued)



If you notice that the bonnet is not closed correctly when driving, stop the vehicle as soon as safety permits and close the bonnet correctly. ■

WORKING IN THE ENGINE COMPARTMENT

When working in the engine compartment, observe the following safety precautions at all times.

WARNING



All work on the engine or in the engine compartment, e.g. checking and topping-up fluids, involves the risk of injury, scalding, an accident or even a fire.

Never open the bonnet if you see steam or coolant escaping from the engine compartment, there is a risk of scalding.

Apply the parking brake and move the selector lever to the 'P' position. Switch off the engine and remove the key from the ignition.

Wait until no more steam or coolant is emitted, and then allow the engine to cool before carefully opening the bonnet.

Keep children away from the car.

Never touch hot engine components – you may burn yourself. ▶

WARNING (continued)



Avoid spilling fluids onto hot engine or exhaust components, a fire could result.

Avoid causing short-circuits in the electrical system; particularly at the jump lead connection points.

Always ensure that tools, cleaning cloths or any other objects are not inadvertently left in the engine compartment.

Do not remove the coolant expansion tank cap when the engine is hot, the cooling system will be pressurised.

When the engine has cooled, cover the cap with a large, thick cloth to protect the face, hands and arms against escaping coolant and steam and slowly remove the cap.

Do not work underneath the car unless it is supported on suitable stands, and has been prevented from moving.

If you intend to carry out any work which requires the engine to be running, be aware that there is an additional, potentially fatal, risk from rotating parts, such as drive belts, alternator, and radiator cooling fans, as well as the risk of electric shocks from the high voltage ignition system.

You should also observe the following points.

Never touch the ignition system wiring.

Remove all jewellery, loose clothing and tie back and cover long hair. ▶



MAINTENANCE

WARNING (continued)



These items could become trapped in rotating engine parts, causing fatal injuries.

Never press the accelerator if a gear is engaged.

The vehicle could move unexpectedly, even if the parking brake is applied, resulting in fatal injury.

If work is to be carried out on the fuel or electrical systems, you must observe the following safety information in addition to the warnings given above.

- Always disconnect the battery from the vehicle's electrical system. The vehicle must be unlocked before this is done, or the alarm will be triggered.
- Do not smoke.
- Never use naked flame.
- Always have a fire extinguisher readily available. ■

OWNER MAINTENANCE

It is the responsibility of the owner to ensure that the car is maintained in accordance with the information contained within this book.

The importance of regular servicing on a time or distance basis cannot be over-emphasised.

In addition to the regular services carried out by your

Authorised Bentley Retailer, there are a number of important checks which need to be completed more frequently.

CAUTION






It is essential that the car is on totally level ground when checking any fluid levels using the dipsticks. If the car is not on level ground, any reading will be inaccurate.

Weekly checks

1. Check all exterior lamps, including the brake lamps for correct operation. If any lamps do not operate, consult an Authorised Bentley Retailer.
2. Check operation of the vehicle horn.
3. Check that all seat belts operate correctly.
The belt should extend without any snatches or snags, but remain securely locked when pulled sharply.
4. Check operation of the parking brake and footbrake.
5. Check beneath the vehicle for signs of fluid leaking.
6. Check condition and pressure of tires, including the spare:
 - Check the pressures when the tires are cold and adjust if necessary.
 - Check the tread depth and inspect the tires for any damage or distortion.



- Also check the tire pressures if the warning text **FLAT TYRE** or **CHECK TYRE PRESSURES** and the relevant warning symbol ( or ) appear in the driver information panel.
7. Check the windscreen washer fluid level and top-up if necessary (refer to the heading 'Windscreen washer system' on page 1-15).

Also refill the fluid if **REFILL WINDSCREEN WASHER FLUID** and the warning symbol  appear in the driver information panel.

For the sake of the environment




Service oil and fluid leaks are harmful for the environment.


For this reason, regular checks of the ground underneath the vehicle should be made.

Monthly checks

1. Check that the air conditioning system operates correctly.
2. Check and top-up the power steering fluid level, (refer to the heading 'Checking and topping-up the power steering fluid' on page 1-14).
3. Check the brake fluid level, and top-up if necessary (refer to the heading 'Checking and topping-up the brake fluid' on page 1-14).


Also check the brake fluid level if **BRAKE FLUID STOP VEHICLE!** and the relevant warning symbol **BRAKE** or  appear in the driver information panel.

4. Check the coolant level, and if necessary, top-up with the recommended solution of 50% anti-freeze (available from an Authorised Bentley Retailer) and 50% water by volume, (refer to the heading 'Checking the coolant level and topping-up' on page 1-12).

If **INSUFFICIENT COOLANT** and the relevant warning symbol  appear in the driver information panel, top-up the coolant level.

Only use anti-freeze from an Authorised Bentley Retailer.

Three-monthly checks

1. Check the engine oil level, and top-up if necessary (refer to the heading 'Checking and topping-up the engine oil level' on page 1-8). If the warning message **CHECK OIL LEVEL** and the warning symbol  appear in the driver information panel, top-up with 2.1 l US pt (1 litre) of engine oil.

Carefully top-up with the recommended engine oil until the reading on the dipstick is at the maximum level (see *Fig. 1-4, Inset*).


Do not overfill, otherwise engine damage could occur.



MAINTENANCE

WARNING



If the warning message OIL PRESSURE STOP ENGINE! and the warning symbol  appear in the driver information panel, switch off the engine immediately and check the oil level.

Carefully top-up with the recommended engine oil until the reading on the dipstick is at the maximum level (see Fig. 1-4, Inset).

Do not overfill, otherwise engine damage could occur.

Start the engine. If the symbol continues to flash, do not drive the vehicle **switch the engine off immediately**.

Contact an Authorised Bentley Retailer for assistance. ■

NOTE



For further information on warning displays and symbols that appear in the driver information panel, refer to Chapter Three, 'Instruments and Warning Lamps' in the Owner's Handbook.

For the sake of the environment



Service oil and fluid leaks are harmful to the environment.

For this reason, regular checks of the ground underneath the vehicle should be made.

ENGINE COMPARTMENT TOPPING-UP

POINTS (see Fig. 1-3)

If frequent topping-up is necessary, consult an Authorised Bentley Retailer, who will check the vehicle and have supplies of replacement fluids.

Prior to removing a filler cap, wipe clean the surrounding area.

Checking and topping-up the engine oil level

WARNING



Before opening the bonnet, always observe the safety warnings, (refer to the heading 'Working in the engine compartment' on page 1-5). ■


Approved engine oil

Use only Mobil 1 0W-40 oil.

WARNING



Only use engine oil approved by an Authorised Bentley Retailer. The use of any other type of oil may invalidate the warranty. ■

It should not be necessary to top-up the engine oil unless the warning message CHECK OIL LEVEL and the relevant warning symbol  appear on the driver information panel.

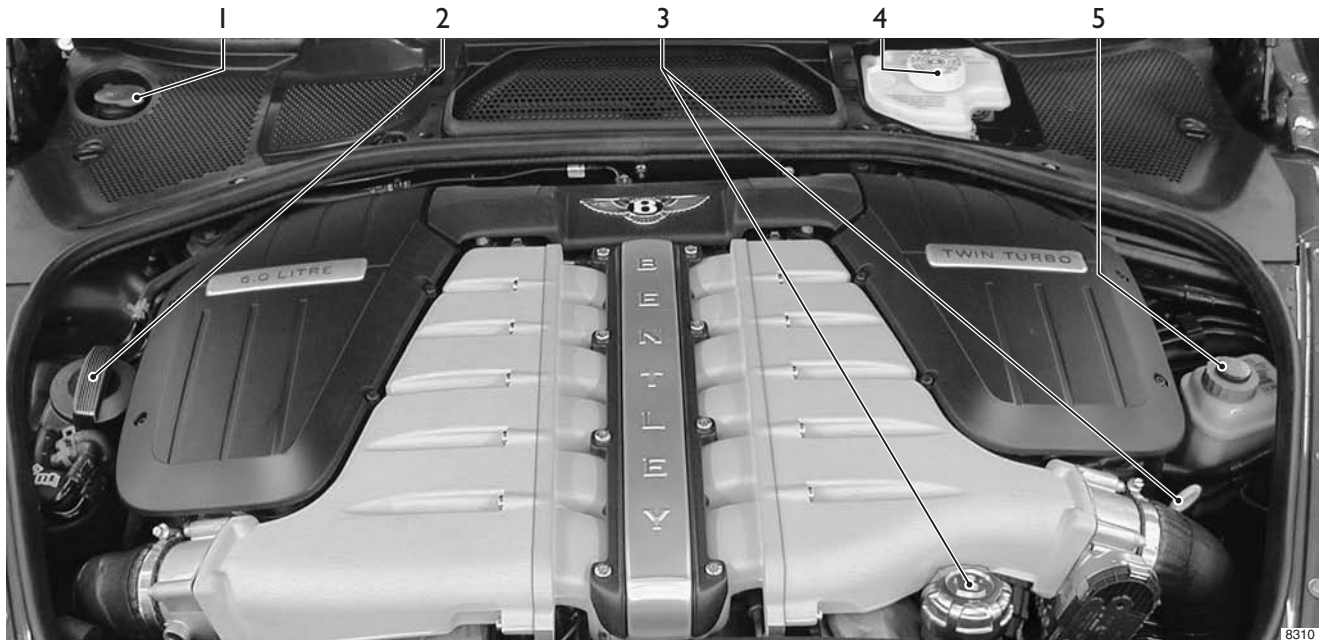


Fig. I-3
Engine compartment topping-up points

- | | | | |
|---|------------------------------------|---|--------------------------------|
| 1 | Washer fluid reservoir | 4 | Brake fluid reservoir |
| 2 | Coolant expansion tank | 5 | Power steering fluid reservoir |
| 3 | Engine oil filler cap and dipstick | | |



MAINTENANCE

Ensure that the vehicle is **on level ground**, and has reached its normal operating temperature, then switch off the engine.

Wait at least two minutes for the oil to drain into the sump.

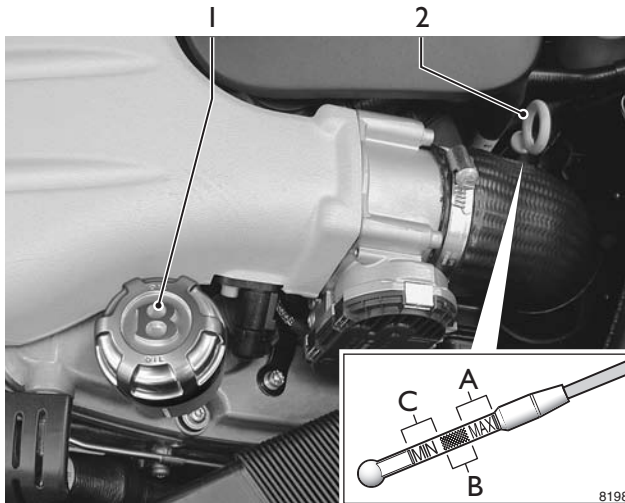


Fig. 1-4
Oil filler cap and dipstick

- 1 Engine oil filler cap
- 2 Engine oil dipstick

Raise the bonnet, (refer to the heading 'Opening and closing the bonnet' on page I-3).

Remove the dipstick, wipe it clean, then replace it fully. Remove the dipstick again and check the oil level (see Fig. 1-4, Inset):

- If the oil level is in section 'A' of the dipstick, do not top-up the oil level.
- If the oil level is in section 'B' of the dipstick, you may top-up the oil level with approximately 1.05 US pt (0.5 litre) of approved engine oil.
- If the oil level is in section 'C' of the dipstick, you **must** top-up the oil level with approximately 2.11 US pt (1.0 litre) of approved engine oil.

If topping-up is necessary, turn the engine oil filler cap anti-clockwise, to remove it.

WARNING



The oil filler cap may be very hot. Protect your hands with a thick cloth before attempting to remove or refit the cap.

Oil is highly flammable!

Ensure that no engine oil comes into contact with hot engine components when you are topping-up. ■

Avoid overfilling the engine, take great care when topping-up.



Add oil slowly and carefully, wait a few minutes and re-check the level, before adding more oil.

The oil level is critical.


Never overfill the engine, damage to components may result.

When the oil level reaches section ‘A’ on the dipstick, refit the filler cap.

Used engine oils

The following points are for your guidance on the handling and disposal of used engine oil.

WARNING



Engine oil is poisonous, and must be stored in a safe place out of the reach of children.

Prolonged and repeated contact may cause serious skin disorders, including dermatitis and cancer.

Wear protective clothing, including impervious gloves where practicable.

Avoid contaminating clothes with oil.

Avoid contact with the skin as far as possible; wash thoroughly after any contact.

Keep out of the reach of children! ■

For the sake of the environment




It is illegal to pollute drains, water courses, and soil. Use authorised waste collection facilities, including civic amenity sites and garages providing facilities for the disposal of used oil and used oil filters. If in doubt, contact your Local Authority for advice on disposal.

ENGINE COOLING SYSTEM


The engine cooling system is filled with a solution of 50% anti-freeze (type G30-91 available from an Authorised Bentley Retailer), and 50% water by volume.

The coolant should retain this mixture strength all year round to prevent corrosion of the coolant passages, enhance cooling performance and to provide frost protection to -31°F (-35°C).

Except in an emergency, water should not be used to top-up the cooling systems as this will dilute the concentration of coolant and reduce the protection.

It should not be necessary to top-up the coolant unless the warning message INSUFFICIENT COOLANT and the relevant warning symbol  appear on the driver information panel.

WARNING



Extra care must be taken when working on the engine or in the engine compartment. ▶



MAINTENANCE

WARNING (continued)



When the engine is warm or hot, the cooling system is pressurised, do not remove the expansion tank cap in these conditions; escaping steam or coolant could scald you. ▶

WARNING (continued)



When working in the engine compartment, always observe the safety warnings, (refer to the heading 'Working in the engine compartment' on page I-5). ■



Fig. I-5
Coolant level marks

Checking the coolant level and topping-up

Raise the bonnet, (refer to the heading 'Opening and closing the bonnet' on page I-3). The engine cooling system incorporates an independent expansion tank.

Check the coolant levels when the engine is cold.

Clean the area around the cap, then slowly turn the expansion tank cap anti-clockwise, allowing any pressure in the system to dissipate, then remove.

The engine coolant level is correct when the coolant is between the 'MIN' and 'MAX' indicators inside the tank, (see Fig. I-5).

If necessary, add the solution of 50% anti-freeze and 50% water by volume slowly, until the level is correct. **Do not overfill.**

Securely fit the expansion tank cap.

WARNING



Do not remove the pressure cap from the coolant expansion tank while the engine is hot as scalding fluid and steam under pressure can be blown out. ▶



WARNING (continued)



Cooling system anti-freeze is toxic! Always store anti-freeze in its original container, with the lid in place, and keep it out of the reach of children.

This precaution also applies to any coolant that may have been drained from the car.

In extremely cold ambient temperatures, an incorrect anti-freeze mixture could result in the coolant freezing, causing the engine to seize. As the heater would not operate in these conditions, there is a risk of passengers being exposed to extreme cold. ■

POWER STEERING SYSTEM

The power steering system is filled with Pentozine CHF 11S (RH 5000) fluid. The level should be checked with the fluid at normal operating temperature, approximately 122°F (50°C) and with the engine switched off.

WARNING



Before opening the bonnet to check the power steering fluid level, always observe the safety warnings, (refer to the heading 'Working in the engine compartment' on page 1-5). ▶



Fig. 1-6
Power steering dipstick

WARNING (continued)



Power steering fluid is poisonous! Always store power steering fluid in its original container, with the lid in place, and keep it out of the reach of children.

Use only Pentozine CHF 11S (RH 5000) fluid. ▶



MAINTENANCE

WARNING (continued)



Use of an incorrect specification fluid can cause damage to the power steering system. ■



Fig. I-7
Brake fluid reservoir

Checking and topping-up the power steering fluid

Raise the bonnet, (refer to the heading 'Opening and closing the bonnet' on page I-3).

If topping-up is necessary, clean the area around the cap, then remove the cap from the reservoir.

The fluid level should be between the 'MIN' and 'MAX' indicators on the dipstick, (see Fig. I-6).

If necessary, add fluid until the level is correct. **Do not overfill.**

Wipe the dipstick, then replace the reservoir cap.

BRAKING SYSTEM

The braking system reservoir is filled with DOT 4 brake fluid.

It should not be necessary to top-up the brake fluid unless the warning message BRAKE FLUID STOP VEHICLE! and the relevant warning symbol **BRAKE** or (⚠) appear on the driver information panel. The brake fluid level should be between the 'MIN' and 'MAX' marks indicated on the reservoir, (see Fig. I-7).

Checking and topping-up the brake fluid

Raise the bonnet, (refer to the heading 'Opening and closing the bonnet' on page I-3).

If topping-up is necessary, **read the warning** on the top of the cap, then remove the cap from the reservoir.



Take care to avoid brake fluid coming into contact with finished paintwork.

Add DOT 4 brake fluid until the level is between the 'MAX' and 'MIN' marks on the side of the reservoir.

Do not overfill.

Fit the reservoir filler cap.

WARNING



Before opening the bonnet to check the brake fluid level, always observe the safety warnings, (refer to the heading 'Working in the engine compartment' on page I-5).

Brake fluid is poisonous!

Always store brake fluid in its original container, with the lid in place, and keep it out of the reach of children.

Have the brake fluid changed every two years.

If brake fluid is not changed regularly, constant, heavy use of the brakes could cause a vapour lock.

This would seriously affect the efficiency of the braking system and increase the risk of an accident.

Use only DOT 4 brake fluid.

Use of a universal or incorrect specification brake fluid will cause damage to the brake system. ■



Fig. I-8
Washer fluid reservoir

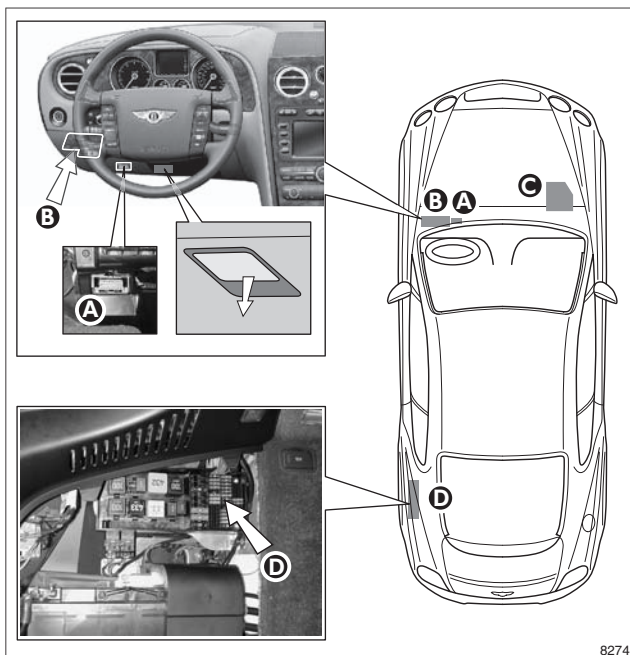
WINDSCREEN WASHER SYSTEM

The washer system reservoir is filled with a solution of 30% isopropyl alcohol and 70% water by volume.

This mixture strength will provide frost protection to -14°F (-10°C).




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Fig. I-9
Diagnostic socket, fuseboard locations and access

- A. Diagnostic socket
- B. Facia fuseboard
- C. Engine compartment fuseboard
- D. Boot compartment fuseboard

It should only be necessary to top-up the washer fluid when the warning message REFILL WINDSCREEN WASHER FLUID and the relevant warning symbol  appear on the driver information panel. Refer to Chapter 3 of the Owner's Handbook.

Raise the bonnet, (refer to the heading 'Opening and closing the bonnet' on page I-3).

Fill the reservoir until the fluid is level with the base of the filler neck (see Fig. I-8).

WARNING



Before opening the bonnet to check the washer fluid level, always observe the safety warnings, (refer to the heading 'Working in the engine compartment' on page I-5).

BULB REPLACEMENT

The headlamp assemblies on this vehicle are operated by a high voltage, that can cause serious personal injury and even death if handled incorrectly.

Access to other bulbs can only be gained by removing other vehicle components.

Therefore, it is recommended that all bulbs are changed by an Authorised Bentley Retailer or other qualified personnel.



DIAGNOSTIC SOCKET *(see Fig. 1-9)*

A diagnostic socket *(item A)* is located underneath the driver's kneeroll. The socket forms part of the 'on board' diagnostics facility and is for use by service personnel.

IGNITION SYSTEM

WARNING



The engine is equipped with an electronic ignition system. Because of the high voltage produced it is dangerous to touch any electrical components for example, ignition coils, sparking plug sockets, ignition cables, diagnostic socket, and amplifier modules, if the ignition is switched on. ■

NOTE



This spark ignition system meets all requirements of the Canadian Interference-Causing Equipment Regulations.

FUSES

Fuseboard locations

There are three fuseboards fitted to the vehicle and they are located in the following positions *(see Fig. 1-9)*.

The facia fuseboard *(item B)* is behind the driver's kneeroll.

The engine compartment fuseboard *(item C)* is located below the lower windscreen vent and requires the removal of various components. It is therefore recommended, that replacement of fuses in this fuseboard should only be carried out by a qualified technician.

The boot compartment fuseboard *(item D)* is in the boot compartment, on the left-hand side.

Fuses

The fuseboards utilise blade type fuses. The ampere rating of each fuse is shown on the shoulder of the individual fuse.

Fuse positions can be identified using the following illustrations and tables.

A fuse removal tool, is clipped to the edge of the boot compartment fuseboard *(see Fig. 1-11, arrowed)*.

Prior to removing a fuse, switch off the ignition and all electrical accessories.

To check a fuse, remove it from the fuseboard, a break in the link wire inside indicates a 'blown' fuse.

To remove a fuse press the removal tool onto the head of the fuse, squeeze the tool and pull the fuse from the fuseboard.

If the fuse has 'blown', it should be replaced with a fuse of the same type and rating. To fit a fuse, align the blades of the fuse with the slots in the fuseboard and press the fuse firmly into position.



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Facia fuseboard

The facia fuseboard is located behind the driver's kneeroll.

To gain access, locate the release lever, situated at the outer edge underneath the kneeroll.

Pull the lever rearwards.

The following table identifies each fuse in the facia fuseboard and the circuits it protects.

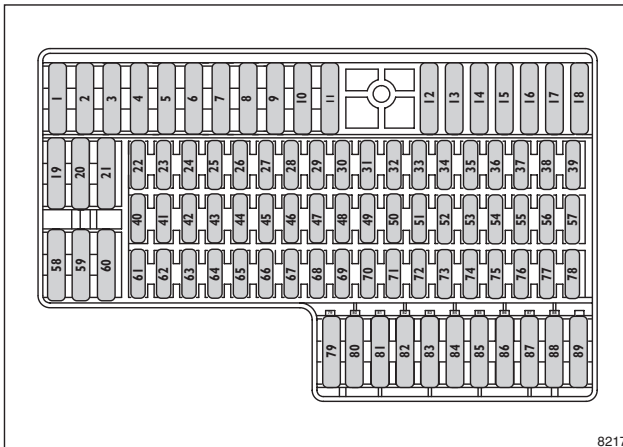


Fig. I-10
Facia fuseboard layout

There is no fuse label on the fuseboard, a particular fuse should be located by using the numbers and descriptions in this table together with the numbers on the facia fuseboard illustration (see Fig. I-10).

Facia fuse details (see Fig. I-10)

Fuse no.	Rating	Circuit protected
1	40 A	Audio amplifier
2	20 A	Left-hand door Control Module (CM) Left-hand rear quarter glass (CM)
3	20 A	Right-hand door Control Module (CM) Right-hand rear quarter glass (CM)
4	20 A	Aerial amplifier
5	5 A	Roof module (CM)
6	15 A	Keyless entry (CM)
7	15 A	Vacuum pump
8	25 A	ABS/ESP (CM)
9	5 A	TV tuner - Not used
10	15 A	Front body (CM) left-hand indicator

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Fuse no.	Rating	Circuit protected
11	15 A	Front body (CM) right-hand indicator
12	15 A	Front body (CM) left-hand dip/main
13	15 A	Front body (CM) right-hand dip/main
14	20 A	Front body (CM) horns
15	5 A	Stop lamps switch
16	20 A	Park heater (CM)
17	10 A	Infotainment display screen
18	10 A	Steering column (CM)
19	10 A	Keyless entry (CM)
20	–	Not used
21	5 A	Engine management current supply relay
22	5 A	Engine management (CM) 1 Engine management (CM) 2
23	5 A	Driver instrument panel
24	–	Not used
25	–	Not used
26	–	Not used

Fuse no.	Rating	Circuit protected
27	5 A	Driver instrument panel, Electronic park brake switch, Diagnostic socket (pin 16)
28	5 A	Telephone (CM)
29	5 A	Park heater radio receiver
30	10 A	HVAC (CM), Coolant circulation pump, Heat regulator valves
31	5 A	Analogue clock
32	5 A	Driver and passenger lumbar system
33	5 A	Navigation system (CM)
34	5 A	Anti-theft alarm siren
35	5 A	Front body (CM) - Interior lamps
36	10 A	Front body (CM)
37	10 A	Rear seat lumbar support (when fitted)
38	–	Not used
39	–	Not used
40	–	Not used
41	–	Not used
42	–	Not used



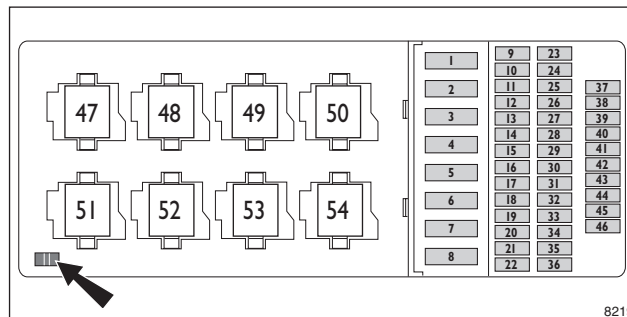
MAINTENANCE

Fuse no.	Rating	Circuit protected
43	–	Not used
44	–	Not used
45	–	Not used
46	–	Not used
47	–	Not used
48	–	Not used
49	–	Not used
50	–	Not used
51	–	Not used
52	5 A	Air bag (CM) + Air Bag OFF warning lamp
53	5 A	Cruise control brake switch
54	5 A	Driver instrument panel
55	10 A	Engine management (CM) 1 and (CM) 2
56	5 A	Oil level/temperature sensor
57	–	Not used
58	–	Not used
59	5 A	Rear Body + Tail lamp (CM)

Fuse no.	Rating	Circuit protected
60	10 A	Air suspension (CM)
61	5 A	ABS (CM)
62	5A	Global close switch
63	5 A	Front body (CM) Light switch Telephone (CM)
64	5 A	Steering column (CM)
65	10 A	Park heater replacement coolant pump
66	5 A	HVAC (CM) HVAC compressor
67	10 A	Transmission (CM) ESP switch
68	5 A	Gearchange switch Park solenoid lock switch
69	5 A	Electronic park brake (CM)
70	5 A	Speed sensitive steering (CM)
71	5 A	Active rear aerofoil (CM)
72	5 A	Air quality sensor



Fuse no.	Rating	Circuit protected
73	–	Not used
74	–	Not used
75	–	Not used
76	–	Not used
77	–	Not used
78	10 A	Rear seat heaters
79	–	Not used
80	–	Not used
81	–	Not used
82	–	Not used
83	–	Not used
84	15 A	Front cigar lighter
85	15 A	Rear cigar lighter
86	–	Not used
87	30 A	Driver's seat (CM)
88	30 A	Front passenger's seat (CM)
89	20 A	Rear seat heater (CM)



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Fig. I-11
Boot compartment fuseboard layout
 Fuse removal tool location arrowed

Boot compartment fuseboard (see Fig. I-11)

This fuseboard is located on the left-hand side of the boot compartment. To gain access, turn the two trim panel retainers one quarter turn anti-clockwise and remove the trim panel.

The following table identifies each fuse in the boot compartment fuseboard and the circuits it protects.

There is no identification on the fuseboard, a particular fuse should be located by using the numbers and descriptions in this table together with the numbers on the boot compartment fuseboard illustration (see Fig. I-11).



MAINTENANCE

Boot compartment fuse details (see Fig. I-11)

Fuse no.	Rating	Circuit protected
1	–	Not used
2	–	Not used
3	80 A	Battery management relay 2
4	–	Not used
5	–	Not used
6	40 A	Air suspension compressor
7	–	Not used
8	–	Not used
9	25 A	Active rear aerofoil
10	5 A	Battery management (CM)
11	5 A	Tire pressure monitoring (CM)
12	5 A	Park distance control (CM)
13	–	Not used
14	5 A	Fuel filler door release
15	25 A	Heated rear window relay 2
16	25 A	Heated rear window relay 1

Fuse no.	Rating	Circuit protected
17	–	Not used
18	–	Not used
19	–	Not used
20	–	Not used
21	–	Not used
22	–	Not used
23	5 A	Luggage compartment lamps
24	10 A	Rear body (CM), RH Tail lamp
25	–	Not used
26	10 A	Rear body (CM), LH Tail lamp
27	15 A	Power socket – Boot
28	–	Not used
29	30 A	Electronic park brake (CM) Right-hand motor
30	30 A	Electronic park brake (CM) Left-hand motor
31	–	Not used



Fuse no.	Rating	Circuit protected
32	5 A	Battery parallel circuit relay
33	5 A	Fuel pump relay 1
34	20 A	Fuel pump module – Right
35	20 A	Fuel pump module – Left
36	30 A	Engine management ignition supply relay
37	–	Not used
38	–	Not used
39	–	Not used
40	–	Not used
41	3 A	Vehicle inclination sensor
42	15 A	Rear body (CM) boot lid release motor
43	–	Not used
44	10 A	Air suspension (CM)
45	–	Not used
46	–	Not used

Boot compartment relays (see Fig. 1-11)

Relay no.	Component description
47	Heated rear windscreen relay 1
48	Fuel filler door release relay
49	Battery management relay 2
50	Heated rear windscreen relay 2
51	Battery management relay 1
52	Starter relay
53	Air suspension compressor relay
54	Fuel pump relays

Engine compartment fuseboard

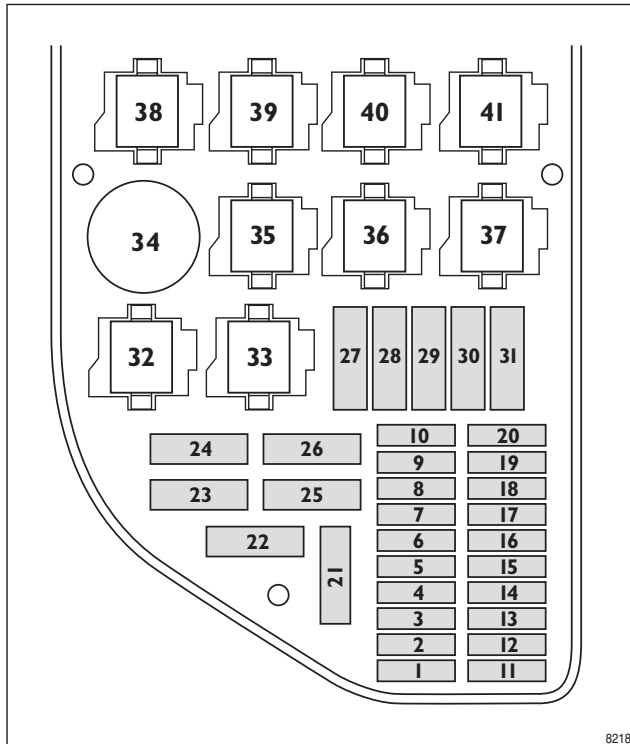
The engine compartment fuseboard is located in the rear corner of the engine compartment on the passenger's side.

Access to the fuseboard requires removal of various components.

Therefore, replacement of the fuses should only be carried out by a qualified technician.



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Fig. I-12
Engine compartment fuseboard layout

Details of the fuses are included in case of emergency where qualified assistance is available.

The following table identifies each fuse in the engine compartment fuseboard and the circuits it protects.

There is no identification on the fuseboard, a particular fuse should be located by using the numbers and descriptions in this table together with the numbers on the engine compartment fuseboard illustration (see Fig. I-12).

Engine compartment fuse details (see Fig. I-12)

Fuse no.	Rating	Circuit protected
1	10 A	Fuel injectors – Bank 1
2	10 A	Fuel injectors – Bank 2
3	–	Not used
4	5 A	Front body (CM)
5	5 A	Mass air flow sensors Exhaust gas temperature sensors Secondary air injection non return valves Vacuum pump

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Fuse no.	Rating	Circuit protected
6	10 A	Fuel pump 2 Secondary air injection pump Auxiliary coolant pump Leak detection pump
7	10 A	Engine cooling thermostat Dump solenoid valve – Bank 1 Turbo bypass valve – Bank 1 Inlet camshaft timing valve – Bank 1 Exhaust camshaft timing valve – Bank 1 Purge valve – Bank 1 Dual mode exhaust valve – Bank 1 Engine mount valve – Bank 1 Boost control valve – Bank 1
8	10 A	Engine mount valve – Bank 2 Dump solenoid valve – Bank 2 Turbo bypass valve – Bank 2 Inlet camshaft timing valve – Bank 2 Exhaust camshaft timing valve – Bank 2 Purge valve – Bank 2 Dual mode exhaust valve – Bank 2 Boost control valve – Bank 2

Fuse no.	Rating	Circuit protected
9	–	Not used
10	10 A	Engine management (CM) 1 and (CM) 2
11	15 A	Headlamp washer system pump
12	10 A	Radiator fans
13	25 A	Oxygen sensors
14	20 A	Park position heater Heated element washer jets
15	15 A	Transmission (CM)
16	10 A	Turbo cooling pump
17	–	Not used
18	15 A	Front body (CM)
19	40 A	Windscreen wiper motor
20	15 A	Windscreen washer pump
21	–	Not used
22	40 A	Fuel injectors – Bank 1 Ignition coils – Bank 1



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Fuse no.	Rating	Circuit protected
23	40 A	Accessory relay feed
24	50 A	ABS (CM)
25	40 A	Fuel injectors – Bank 2 Ignition coils – Bank 2
26	40 A	Ignition relay
27	50 A	Radiator fan 2
28	50 A	Radiator fan 1
29	50 A	Secondary air injection pump 1
30	50 A	Secondary air injection pump 2
31	50 A	HVAC blower motor

Engine compartment relays (see Fig. 1-12)

Relay no.	Component description
32	Headlamp washer system relay
33	Engine management current supply relay 1
34	Smoothing capacitor
35	Ignition relay

Relay no.	Component description
36	Secondary air injection pump relay 1
37	Not used
38	Engine management accessories relay
39	Secondary air injection pump relay 2
40	Engine management current supply relay 2
41	Turbo pump relay

EMERGENCY STARTING (see Fig. 1-13)

Because the vehicle is fitted with two batteries, it is extremely unlikely that the following Emergency Starting procedure will ever be necessary.

However, in the event that the battery does become discharged, your Continental GT cannot be started by pushing or towing. The only approved method of starting the car is by the use of a battery fitted to another vehicle.

WARNING



The engine compartment of any motor vehicle is a potentially dangerous area and can cause serious personal injury. ▶



WARNING (continued)



Therefore;

When handling batteries always observe the following safety information:

- Before working on the electrical system, **always switch off the engine, the ignition and all electrical equipment.**
- **Always** wear eye protection.
- Fires, sparks, naked lights and smoking are prohibited.
- When handling cables and electrical equipment, avoid generating sparks and electrostatic charge.
- **Never** allow the battery terminals to short circuit, as high-energy sparks can cause injury.
- A highly explosive mixture of gases is given off when a battery is being charged.
- Keep children away from acid and batteries.
- **Never** use a damaged battery, an explosion could result.
- **Replace a damaged battery immediately.** ■

Using jump leads (see Fig. 1-13)

Jump leads must meet the specification DIN 52773 and the leads must have a minimum diameter of 0.22 in (5.5 mm).

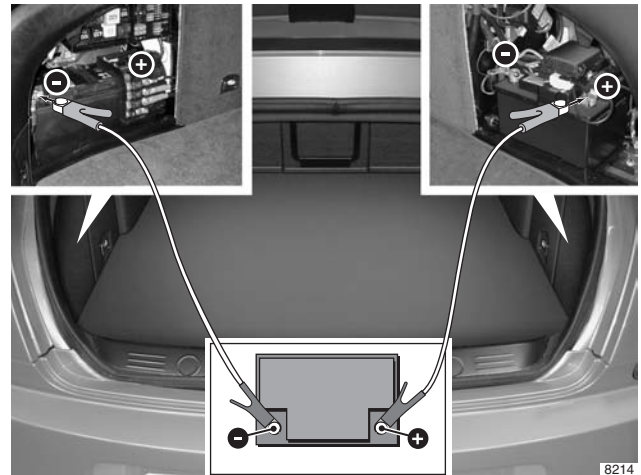


Fig. 1-13
Emergency starting battery connections

Always follow the jump leads manufacturer's instructions.

Position the donor vehicle so that its battery is adjacent to the rear of your car.

Apply the parking brakes and ensure the gear levers are in neutral on both vehicles.



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NOTE



Ensure the two vehicles do not touch, or the circuit could be completed as soon as the positive terminals are connected.

Ensure the donor battery is of the same voltage (12 volts) as your vehicle.

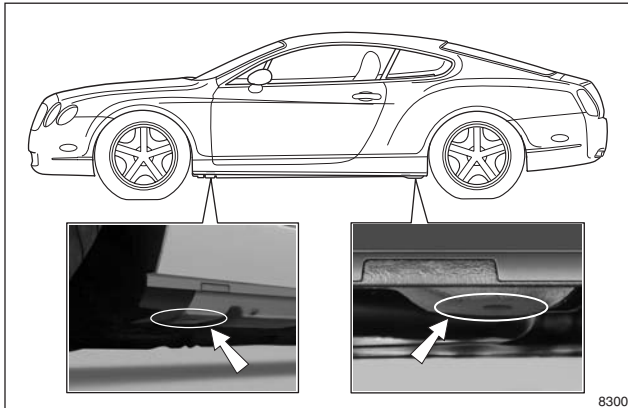


Fig. I-14
Lifting and supporting points using a trolley jack or two-pillar vehicle lift

Starting the vehicle

Turn off the ignition switch. Switch off all electrical equipment on both the vehicles and follow the procedures set out below.

1. Connect the red jump lead from the positive (+) terminal on the battery of the donor vehicle to the positive (+) terminal on the **starter battery which is located on the right-hand side** of the boot compartment.
2. Connect the black jump lead from the negative (-) terminal of the donor vehicle to the negative (-) terminal of the **main system battery which is located on the left-hand side** of the boot compartment.
3. Ensure that the jump leads are clear of all moving parts and start the engine of the donor vehicle.
4. Start the engine of your vehicle. Once the engine is running normally, allow it to idle for several minutes.
5. Switch off the engine of the donor vehicle and disconnect the jump leads - disconnect the leads in the reverse sequence to the connection, i.e. disconnect the black lead from your car first.

VEHICLE LIFTING AND SUPPORTING

In a service environment, the vehicle should only be lifted and supported using a **two-pillar vehicle lift**, using the support points shown (see Fig. I-14).



If the car is to be lifted using the vehicle jack supplied, then the wheel change jacking points should be used (see Fig. I-15).

For further information concerning use of the vehicle jack supplied, refer to Chapter 12 of the Owner's Handbook.

WARNING



Only use the designated jacking points.

Never lift or support the vehicle on any other part of the underbody.

The car jack supplied with the vehicle is for emergency use only, **it is not intended to be used for any service work.**

Any service activity involving working with the vehicle off the ground **must be carried out on a two-pillar vehicle lift**, using the designated jacking points, and following the correct safety procedures.

Any other method of raising the vehicle would be impractical and unsafe.

For example, if a trolley jack was used to raise the vehicle, it would then be necessary, in the interest of safety, to place an axle stand at the same jacking point.

As this would be impossible, **never raise the vehicle with a trolley jack.** ■

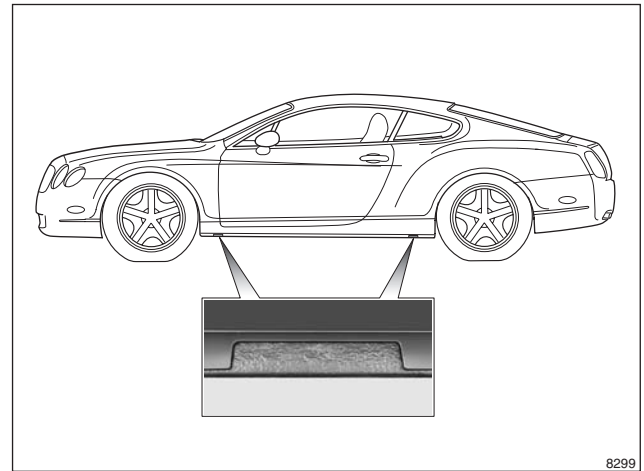


Fig. I-15
Lifting points using vehicle jack

To prevent damage to the underside of the car, always use rubber pads between the lift and the vehicle.

Before positioning the vehicle over the lifting platform, ensure that the underbody will not foul the platform, and that the vehicle



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will be at a height sufficient to position the rubber pads between the lifting platform and the jacking points.

If necessary, raise the suspension to the High ride height using the procedure shown in Chapter 7 'Infotainment System' within the Owner's Handbook.

Ensure the Ride Height function is de-activated before lifting the vehicle, to prevent gas escaping from the suspension units.

Referring to the following procedure.

IMPORTANT


Prior to raising a lifting platform, to prevent gas escaping from the suspension units, it will be necessary to de-activate the ride height control function of the vehicle.

Place the vehicle in the 'Jacking up mode' as follows:

Switch on the ignition.



Simultaneously press and hold down these two buttons located on the lower centre console for five seconds.


JACK MODE will be displayed in the driver information panel: The vehicle can now be lifted without damaging the air suspension system. 

IMPORTANT (continued)

NOTE



The ride height control function can be re-activated by reversing the de-activating procedure.

However, the system will automatically be re-activated when the vehicle reaches 6 mile/h (10 km/h). 

WARNING




When lifting the car, always observe the following safety information.

All occupants must leave the car before it is lifted.

The car should only be lifted on the relevant jacking points shown in the illustrations (see Fig. 1-14 and Fig. 1-15).

Never run the engine when the car is supported on a jack, there is a risk of accidents.

Never allow anyone to work beneath the vehicle unless it is supported on suitable stands, there is a risk of accidents. 

CLEANING AND CAR CARE

Regular cleaning will help maintain the value of your vehicle.

If substances such as bird droppings, tree sap, road dirt, industrial deposits or other harmful deposits are allowed to remain on the vehicle, they will damage the paintwork.



High temperatures, and strong sunlight can further intensify the corrosive effect.

Therefore, protect the vehicle against harsh environmental conditions by washing and polishing regularly.

After periods of cold weather, when detergents and salt etc., have been used on the roads, it is important that the underside of the vehicle is also washed thoroughly.

CLEANING THE EXTERIOR

Cleaning products

The products referred to in the following procedures, have been specially formulated to clean and protect the surface finishes of the car.


These products can be obtained from an Authorised Bentley Retailer.

WARNING



Car cleaning products can be toxic. Ensure they are stored in their original containers, with the lids in place, and keep them out of the reach of children.

Failure to do this could result in poisoning.

Always read and observe the manufacturer's instructions and warnings included with the cleaning products. 


WARNING (continued)



Improper use of cleaning products could damage your health or damage your car.

When using any car cleaning products, always work in a well ventilated area.

Never use cleaning products that contain volatile fluids. They can be toxic, highly inflammable and could cause a fire or explosion.

Before cleaning your car, select the P-Park position and apply the parking brake. Switch off the engine and remove the key from the ignition switchbox. 

For the sake of the environment



Always select car cleaning products which have minimal effect on the environment.

Do not dispose of car cleaning products with household waste.

Observe all the information provided with the product.

Washing your car

In order to maintain the car exterior in good condition, the following procedures are recommended.

After wetting, start at the top of the car and work down using



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a clean sheepskin Washmitt and fresh water with a small amount of Car Shampoo added.

After washing, rinse the car using fresh water or a low pressure hose. Remove excess water with a chamois leather. When leathering off the car, the leather should be rinsed frequently in clean cold water.

Remove any road tar, squashed flies etc., from the car by gently rubbing with a soft cloth moistened with an appropriate tar remover (do not apply to the windscreen or windows). Finally, rinse well with clean cold water and dry with the leather.

Always wash the car with clean, preferably running, cold or lukewarm water. Frequent washing is the best safeguard against

contamination and degradation. If using a hose, do not use excessive pressure from the hose and always thoroughly wet the car before commencing cleaning.

CAUTION



Under no circumstances should any attempt be made to remove dirt, mud, or dust when the surface of the car is dry.

Never use a dry cloth or sponge when cleaning, this can produce serious scratching of the paintwork or glass. Soak dirt, mud or dust with plenty of water first.

The use of automatic car wash facilities is not recommended, as the detergents used and the nylon brush washing action may stain or seriously scratch the paintwork, damage to the windows could also occur.

Do not use a pressure washer or steam cleaner on the exterior paintwork, glass or brightwork.

Avoid washing your car in strong sunlight.

Cleaning the active rear aerofoil

To improve access to the aerofoil for cleaning purposes, it can be deployed manually.

Press the upper aerofoil switch on the lower centre console switch panel (see Fig. 1-16), to deploy the aerofoil.



Fig. 1-16
Active rear aerofoil manual control switches



Clean the aerofoil following the guidelines given under the heading 'Washing your car' on page I-31.

Remember to retract the aerofoil after cleaning.

WARNING



Before deploying or retracting the rear aerofoil, ensure that no obstructions (for example, items of clothing, jewellery or any part of the body) are likely to become trapped. ■

NOTE



When manually retracting the aerofoil, the retraction process is in four movements, providing adequate warning to ensure the closing area is clear of obstruction.

If the aerofoil is obstructed during deployment or retraction, it will return automatically to the previously held position.

Washing beneath the car

It is essential that the underside of the car is kept free of road salt and heavy accumulations of dirt and mud.

At each washing, the underside should be washed with a hose, paying particular attention to the under wing areas and the sills.

Heavy deposits of mud which cannot be removed with the hose should be removed with a non-metallic scraper.

WARNING



There is a risk of injury, when cleaning the underside of the vehicle, always protect your hands and arms from sharp metal edges.

Note that moisture, ice and salt on the brake system components may affect braking efficiency. ■

Polishing

After washing and drying the car, the paintwork should be protected by the application of a suitable non-abrasive wax following the manufacturer's instructions on the label.

CAUTION



To prevent damage to the paintwork, do not apply wax in a dusty or gritty atmosphere.

In climatic conditions where long periods of sunshine prevail, more frequent cleaning/polishing may be necessary.

If regular cleaning/polishing is not carried out, the original gloss and finish may deteriorate. Any stone chips in the paintwork should be rectified immediately to avoid further damage.

Plating

Stainless steel and chromium plating should be cleaned with a damp cloth and then polished with a soft, dry cloth.



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Where tarnishing has occurred, the surface should be lightly polished with Supreme Car Polish to restore the finish.

CAUTION



Do not polish plated surfaces in a dusty or gritty atmosphere, scratching may occur. Under no circumstances should a metal polish containing abrasives be applied.

Glass

To obtain maximum clarity of the windows, they should be cleaned using Cream Glass Cleaner. This will also leave a protective shield on the glass that will retard contamination.

CAUTION



Never use warm or hot water to remove snow and ice from windows and mirrors.

This can cause the glass to crack.

The heating elements for the rear screen heater are on the inside. Do not place stickers on the heating elements, damage may result.

Rubber components

After washing and cleaning the car, the rubber components such

as tires should be cleaned and protected by the application of Rubber Conditioner.

WARNING



Never wash tires with a concentrated jetwash of water, even light pressure can cause damage.

Note that moisture, ice and salt on the brake system components may affect braking efficiency. ■

Alloy or Chrome plated wheels (when fitted)

To maintain the original lustre of the alloy wheels or chrome wheels and to remove brake dust, tar, and road dirt, the wheels should be cleaned with Wheel Cleaner.

After cleaning, rinse with clean cold water. Dry the chrome wheels with a chamois leather and then polish with a soft, dry cloth.

Where tarnishing of chrome wheels has occurred, the surface should be lightly polished with Supreme Car Polish to restore the finish.

CAUTION



Do not polish plated surfaces in a dusty or gritty atmosphere, scratching may occur.

Under no circumstances should a metal polish containing abrasives be applied.



CLEANING THE INTERIOR

Upholstery

Leather upholstery should be cleaned with a damp cloth. If necessary, obstinate marks can be cleaned with a small quantity of Leather Cleaner. Only use Leather Cleaner in accordance with the manufacturer's instructions, to remove marks on the upholstery.

An occasional application of Leather Conditioner and Hide Food, used in accordance with the manufacturer's instructions, will preserve the upholstery.

Woodwork

Woodwork should be cleaned with a damp cloth, then dried and polished with a clean dry cloth.

Water must never be allowed to lie upon the woodwork.

CAUTION



Never use a proprietary wood polish.

Carpets

The carpets should be cleaned periodically with a vacuum cleaner or soft brush in order to remove dust or dirt. Stains or grease marks may be removed from the carpets by means of a good quality

carpet shampoo or a mild detergent diluted with clean, warm water. Care should be taken not to over-wet the material.

Seat belts

Cleaning may safely be carried out using mild soap and water.

Care should be taken to avoid contamination of the webbing with polishes, oils, and chemicals, and particularly battery acid.

Extend the belts from their reels and wash with warm water containing a mild soap. Care should be taken not to over-wet the webbing. Allow the belts to dry naturally, before allowing them to retract.

Air bag covers

Clean with a damp cloth. Do not over-wet the area.

Then dry with a clean cloth.

STORAGE AND RECOMMISSIONING

To ensure the correct degree of protection, always follow the information and recommendations given in this chapter.

Your Authorised Bentley Retailer will make recommendations, and provide help to ensure that any recommissioning procedures, which may be necessary after storage or shipping, can be carried out with minimum disruptions.



MAINTENANCE

Recommended storage procedures

Prior to storage, ensure that the vehicle interior and exterior are clean and dry and that any damage is rectified. Then, carry out the following procedures:

- The storage building should be dry and well ventilated.
- Increase the tire pressures to 3,5 bar (350 kPa, 50 lbf/in²).
- Check that the pressure in the temporary use spare tire is 4,2 bar (420 kPa, 60 lbf/in²).
- Check the levels of the engine oil, engine cooling system reservoir, power steering system reservoir, and the braking system reservoir.
- Ensure that the fluid levels are correct; top-up as necessary.

WARNING



The **power steering system** and the **braking system** are filled with **different types of fluid**.

When filling or topping-up the reservoirs it is essential that the correct fluid is used. Damage will occur if incorrect fluids are used in a system. ■

- Ensure all electrical equipment is **switched off**.
- Ensure a battery conditioner conforming to the following specification is used.

- Fully charge each battery, following the manufacturer's instructions on the battery conditioner.

Battery conditioner specification

Output voltage	13.7 v DC \pm 0.1 v
Output current	500 mA
Ripple	<10 mV
Short circuit current	125 mA
Load regulation	25 mV
Line regulation	<10 mV
Output connector	I Positive I Negative
Indicators	Input ON (red lamp illuminated) Charging (yellow lamp illuminated)
Protection	Current limit Short circuit Reverse polarity
Input/Output isolation	3.75 kV



- Cover the car with a light cotton or muslin dust sheet, ensuring that the tires are covered if there is a possibility of sunlight penetrating into the storage area.

WARNING



If the vehicle is to be stored in this condition for periods in excess of three months, then it will be necessary to contact an Authorised Bentley Retailer, who will give advice and guidance on the correct additional procedures for longer storage periods.

The additional procedures **must be** followed in preparation for when the vehicle is next recommissioned. ■

Recommissioning procedure

If the vehicle has not been driven for a period in excess of three months, contact an Authorised Bentley Retailer.

Otherwise, the following points are all that should require attention before the car is roadworthy:

- Check all the tire inflation pressures and adjust to the recommended inflation pressure.
- Ensure that the fluid levels are correct; top-up as necessary.

WARNING



The **power steering system** and the **braking system** are filled with **different types of fluid**.

When filling or topping-up the reservoirs it is essential that the correct fluid is used. Damage will occur if incorrect fluids are used in a system. ■

- Start the engine, noting that the warning lamps on the driver information panel extinguish after the engine has started. Switch off immediately if any warning lamps remain illuminated.
- Check the operation of all the controls, instruments, lamps, and accessories.

SHIPPING PRECAUTIONS

Due to the complexity of the electronics fitted to the vehicle, it is recommended, prior to shipping, to contact an Authorised Bentley Retailer, who can fully explain the consequences of disconnecting both batteries.

When transporting a car overseas always contact a reputable shipping agent to obtain the correct advice and service.

The following points must be brought to the attention of the shipping agent:



MAINTENANCE

- Ensure that the driver's door is open and the ignition key is removed from the ignition switchbox.
- Disconnect the left-hand battery earth terminal and ensure that the terminal is insulated.
- The driver's door can then be closed/opened as required.
- When the car is shipped in a container, place a bag of silica-gel inboard of each wheel, below the suspension.

WARNING



If it is necessary to drain the fuel from the fuel tank, it should be syphoned into a closed container, but do not run the engine to completely drain the system or damage to the fuel pumps could occur.

Damage to the exhaust system catalyst could also occur if the engine is allowed to run until the fuel system is completely empty.

A note should be positioned on the fascia stating that the fuel tank is empty and that no attempt should be made to start the engine until the tank contains fuel. ■

SAFETY PRECAUTIONS

Fuel

Fuel (petrol) is acutely toxic and highly inflammable. It is important

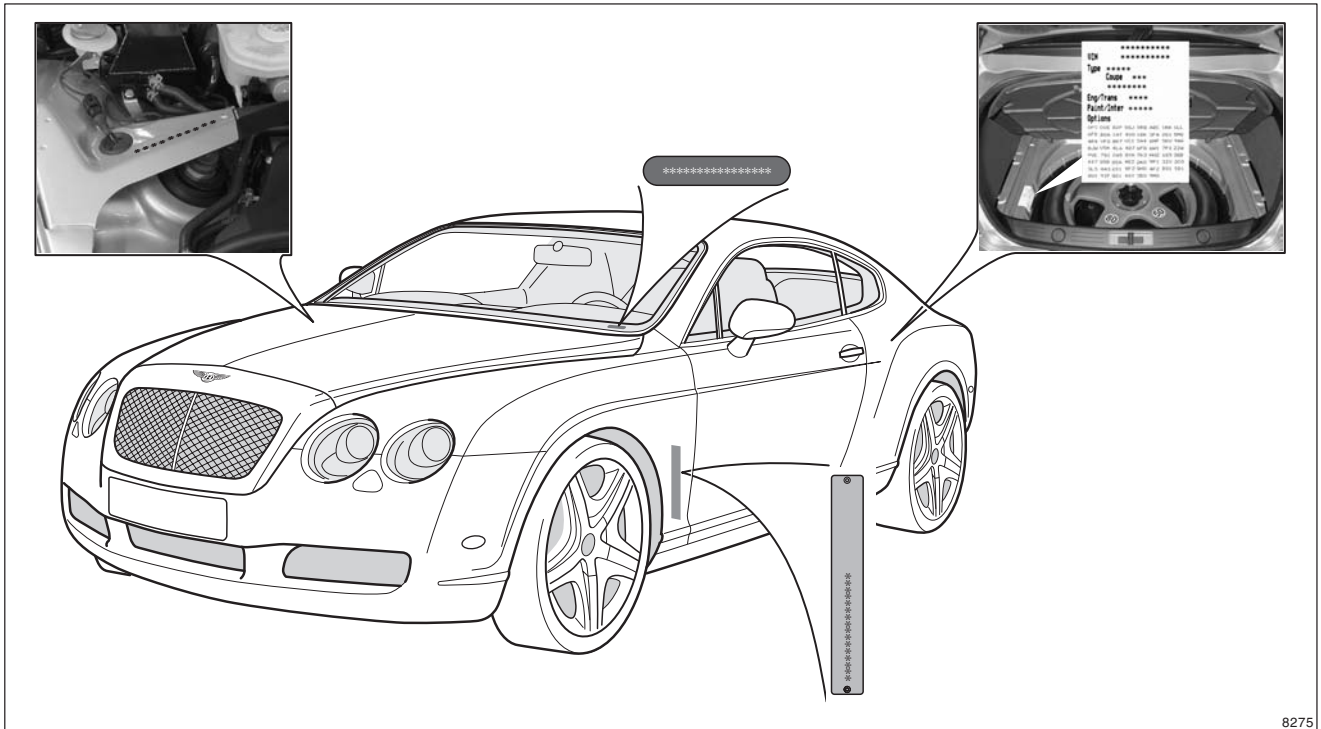
therefore that when dealing with the fuel system, the following precautions are observed.

Health hazard

- All forms of contact with the fuel system should be kept to an absolute minimum.
- Fuel is an irritant to the eyes and skin and any affected parts should be washed immediately with clean water.
- Fuel vapours are irritant to the eyes and lungs and if high concentrations are inhaled, it may cause nausea, headaches, and depression.
- **Always ensure that the area is well ventilated.** Whenever possible, the vapours should be ducted out of the building.
- Suitable protection should always be used e.g. gloves, aprons, goggles, etc.

Fire risk

- Extreme care must be exercised whenever any work is carried out on the fuel system.
- Always ensure that the no smoking rule is strictly observed and that there is either a foam, dry powder, or CO₂ (carbon dioxide) fire extinguisher readily to hand.
- Before disconnecting any fuel lines, ensure that battery leads are disconnected.



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Fig. I-17
Vehicle identification locations



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- If the fuel is to be removed from the tank, ensure that it is syphoned into a closed container.
- Fuel has a sufficiently high vapour pressure to cause a hazardous build-up of vapour in poorly ventilated areas.

Exhaust gases

The danger from inhaling exhaust gases cannot be over emphasised.

When operating the engine in a garage, workshop, or a confined space, **always ensure that the area is well ventilated.** Whenever possible, the exhaust gases should be ducted out of the building.

Sitting in the car with the heating, ventilation and air conditioning system operating **will not eliminate the danger.**

VEHICLE IDENTIFICATION *(see Fig. I-17)*

The Vehicle Identification Number (VIN) is stamped onto the vehicle body, below the cover panel accessed from the engine compartment, and also onto a plate attached to the left-hand door hinge panel.

The following information is also included on the VIN plate.

- Vehicle Type Approval Number.
- Gross Vehicle Weight rating.

- Gross Front axle weight rating.
- Gross Rear axle weight rating.

The VIN is also visible in the lower left-hand corner of the windscreen.

A label is also attached to the left-hand door closing pillar; in the form of a machine readable bar code.

A self-adhesive vehicle identification and paint and trim code label is affixed in the boot compartment, adjacent to the spare wheel well *(see Fig. I-17)*.

The information on this label should correspond to the label in Chapter Seven of this Handbook.



BENTLEY

Specifications 2

SPECIFICATIONS



INTRODUCTION

Where not otherwise indicated or separately listed, all technical data in this section applies to vehicles with standard equipment for North American and Canadian markets.

ENGINE

Number of cylinders/Type	12 cylinder, 2 banks of 6 in W configuration	
Firing order	1-12-5-8-3-10-6-7-2-11-4-9	
Capacity	–	5998 cm ³
Bore	3.3 in	84 mm
Stroke	3.6 in	90.2 mm
Compression ratio	9.0:1	–
Engine power	552 bhp	560 PS
Engine torque	479 lbf ft	650 Nm

WHEELS AND TIRES

Wheel size	9J X 19
Standard tire size	275/40 R19 (105Y) EL 'B'

ELECTRICAL

System voltage	12 V direct current
Main systems battery on the left-hand side	85 ampere hour
Starter battery on the right-hand side	61 ampere hour

CAPACITIES

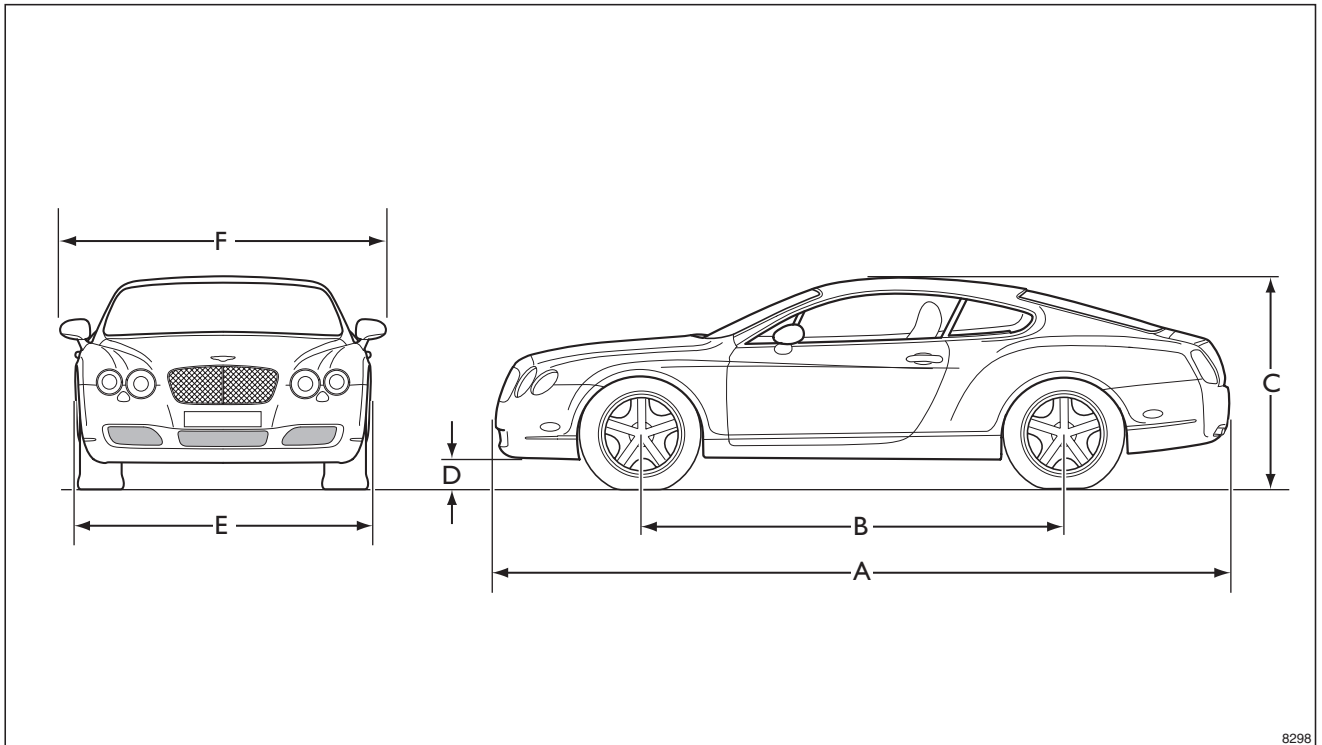
<i>Description</i>	<i>US gallons</i>	<i>Metric</i>
Fuel tank (nominal)	23.77 gal	90,0 litres
Engine cooling system	40.15 pt	19,0 litres
Engine oil with filter renewal	26.41 pt	12,5 litres
Transmission fluid	23.03 pt	10,9 litres
Windscreen washer reservoir	13.73 pt	6,5 litres
Braking system	1.83 pt	0,87 litre
Power steering system	3.80 pt	1,8 litres

DIMENSIONS

<i>Dimensions</i> (see Fig. 2-1)		<i>Imperial</i>	<i>Metric</i>
A	Overall length	15 ft 8 in	4807 mm
B	Wheelbase	9 ft	2745 mm



SPECIFICATIONS



8298

Fig. 2-1
Vehicle dimensions

SPECIFICATIONS



DIMENSIONS (continued)

Dimensions (see Fig. 2-1)		Imperial	Metric
C	Height (unladen at standard ride height)	4 ft 6 in	1390 mm
D	Ground clearance	4.3 in	110 mm
E	Overall width (mirrors folded)	6 ft 5 in	1965 mm
F	Overall width (including mirrors)	6 ft 9 in	2102 mm
	Front axle track	5 ft 4 in	1623 mm
	Rear axle track	5 ft 3 in	1607 mm
	Turning circle (wall to wall)	37.7 ft	11.50 metres
	Turning circle (kerb to kerb)	36.9 ft	11.24 metres

Weight	Imperial	Metric
Maximum front axle load	3420 lb	1550 kg
Maximum rear axle load	3220 lb	1460 kg

WEIGHTS

Weight	Imperial	Metric
Unladen weight	5320 lb	2410 kg
Gross vehicle weight	6170 lb	2800 kg



BENTLEY

Approved Consumables 3

APPROVED CONSUMABLES



FLUIDS AND LUBRICANTS

The following list identifies those fluids and lubricants which are essential to ensure that your Continental GT is maintained correctly.

All of the products listed are available from an Authorised Bentley Retailer.

Approved fluids and lubricants

Component/System	Product
Engine lubrication	Mobil 1 0W-40 oil will give protection in temperatures down to -4°F (-20°C), and will also give protection at sustained high speed driving. If the recommended oil is not available, consult an Authorised Bentley Retailer.
Engine coolant	Use a 50:50 mixture of water and G30-91 anti-freeze. This will provide frost protection down to -31°F (-35°C).
Transmission lubrication	Shell ATF M1375.4

Component/System	Product
Final drive lubrication (Service fill)	Castrol SAF - AG4
Power steering	Pentozine CHF 11S (RH 5000 fluid)
Brake system	DOT 4
Air conditioning refrigerant	R134A
Air conditioning refrigerant oil	PAG oil - ND8



BENTLEY

Warranty Information 4

WARRANTY INFORMATION



INTRODUCTION

This Chapter contains the comprehensive Warranty information applicable to your new Bentley. Please read the Chapter carefully to determine your Warranty rights and obligations.

Your satisfaction in understanding the warranties that apply to your Bentley is important to us.

Therefore, if you have any questions concerning Warranty coverage please contact:

Bentley Customer Relations
Bentley Motors, Inc.
38 Hamlin Road
Auburn Hills, Michigan 48326
Telephone: 1 (800) 822 2834

If a you have a concern or you are not satisfied with the service that you receive from your Retailer please call or write to Bentley Customer Relations.

Bentley Motors, Inc., provides a Mediation and Arbitration service for the resolution of disputes arising under this Limited New Vehicle Warranty.

This service is called ('BBB') AUTO LINE and is conducted through local offices of the Better Business Bureau.

If you wish to use this service, call the following number free of charge 1 (800) 955 5100, or write to:

Council of Better Business Bureaus Inc.,
4200 Wilson Boulevard,
Arlington, Virginia 22203-1804.

NOTE



**Notice of Change of Address.
Notice of Used Car Purchase.**

The “National Traffic & Motor Vehicle Safety Act of 1966” requires manufacturers to be in a position to contact vehicle owners if a correction of a product defect becomes necessary. If you change your address or buy a used Bentley, please complete one of the Change of Ownership forms in Chapter Five of this Handbook.

WARRANTY

Each new Bentley motor car and each replacement part or assembly manufactured or supplied by us, is warranted by Bentley Motors, Inc., ('The Company') to be free from defects in material or workmanship under normal use and service for the applicable Warranty period mentioned below.

Included within the terms of the Warranty is the cosmetic paintwork, this covers the vehicle against any paint problem which relates to manufacture or materials.



WARRANTY INFORMATION

It is also a requirement of the Warranty that all body panels and under body sealing is inspected annually throughout the Warranty period, by an officially appointed Authorised Bentley Retailer.

The inspection and any subsequent damage rectification required, must be carried out as recommended by an Authorised Bentley Retailer or Authorised Coachwork Repairer at the owner's expense.

The Warranty period for a new car is three years, with no mileage limitation and commences on the date of delivery to the first owner.

The Warranty period for replacement parts, assemblies and components fitted during the Warranty period (unless otherwise noted), is until the expiration of the new car Warranty or 1 year, whichever occurs last.

Only Authorised Bentley Retailers provide approved facilities for the servicing and repair of Bentley cars, with full technical support from the Company.

These Authorised Bentley Retailers will, under the terms of this Warranty, repair or replace free of charge to the owner any part or assembly which is proved to the Company's satisfaction to show a defect in either material or workmanship within the applicable Warranty period.

If a problem occurs within the applicable Warranty period,

then an Authorised Bentley Retailer should be consulted immediately and arrangements should be made with them for the delivery of the car or part to their premises.

NOTE



The repair or replacement will not be carried out free of charge under the Warranty if:

- The car or part has not been maintained in accordance with the recommended maintenance instructions and periods.
- The car has been used for rallying, racing or for any use for which it was neither intended nor designed.
- The car or part has been neglected or subjected to accident damage.
- The car or part has been altered or modified or the manufacturer's identification number or mark has been changed or removed.
- The repair or replacement is necessary as a result of fair wear and tear.
- A non-approved part or assembly has been fitted.
- The car has been repaired or a part or assembly has been fitted other than by the Company or one of its Authorised Bentley Retailers.

The owner is responsible for the cost of general maintenance,

WARRANTY INFORMATION



including scheduled services and routine adjustments, as recommended by the Company and all replacement parts and assemblies and other material used in such maintenance, scheduled services and adjustments.

This Warranty is subject to Federal Law. In the event of any dispute arising, which is not resolved between the parties within a reasonable time, the Company agrees to accept the decision of the ('BBB') AUTO LINE, conducted through local offices of the Better Business Bureau.

If you wish to use this service, call the following number free of charge 1 (800) 955 5100, or write to:

Council of Better Business Bureaus, Inc.
4200 Wilson Boulevard,
Arlington, Virginia 22203-1804.

We encourage you to use ('BBB') AUTO LINE, before you decide to seek remedies in a court of law.

In some states you may be required to use ('BBB') AUTO LINE before you can assert your rights in a court of law.

The ('BBB') AUTO LINE service is free of charge and permits you to present your case without an attorney.

Additional information on ('BBB') AUTO LINE can be found under the heading 'Customer satisfaction guide' on page 4-6.

The scope of this Warranty is limited to the United States and Canada.

This Warranty is issued to the First Owner of the car and can only be transferred to subsequent owners through an Authorised Bentley Retailer.

The benefits described in this Warranty are available from any Authorised Bentley Retailer or by any other member of the Bentley Motors group.

In exceptional circumstances the manufacturer will consider claims outside the normal (36 month) Warranty period.

The terms of this Warranty in no way affect the rights derived by the owner from his contract with the person/organisation selling him the Company's product.



WARRANTY INFORMATION

CUSTOMER SATISFACTION GUIDE

Bentley Motors congratulates you on your selection of our fine car, which reflects your discriminating taste for the ownership of fine possessions.

Bentley Motors is extremely proud of our heritage and commitment to unexcelled quality and craftsmanship.

This commitment to excellence in providing a truly luxurious prestige product is unequalled in the automotive industry.

Owner satisfaction is extremely important to Bentley Motors and our Authorised Retailers.

To ensure customer satisfaction we provide a quality retailer network with the finest in parts, service and information support.

Owner satisfaction begins with the care and service you give your motor car and is vital to its operation. It is essential to follow closely the recommended service and maintenance schedule provided in this Handbook.

It is our recommendation that you develop a good service relationship with your retailer as he is directly responsible to you for regular service work and any Warranty adjustments which may be found necessary.

It is our intent that your ownership of a Bentley motor car will bring you many years of satisfaction and that you will be provided with courteous, competent and efficient service from our retailer network.

We are particularly concerned with your continued interest in Bentley automobiles and it is our desire you should have confidence in the vehicle you own.

Our Authorised Retailers and our entire staff at Bentley Motors are at your disposal to provide any assistance which you may feel necessary.

The Company is sincerely interested in resolving any problems you may have with your Bentley motor car. In order to obtain performance of any obligation under this Limited Warranty, bring your Bentley motor car to any Authorised Retailer.

Any such retailer is authorised to perform Warranty services. Your Authorised Bentley Retailer has fully trained personnel and is equipped with the special tools and equipment to provide assistance in the care of your Bentley motor car.

It is our hope that either your retailer or the Company will be able to resolve, to your satisfaction, any problem with your motor car.

We understand and we ask you to recognise that despite our efforts and those of our retailers, misunderstandings can occur. Should a situation arise that you do not understand or is not handled to your satisfaction, we suggest you proceed in the following manner.

First – report your problem or concern to a representative of the retailer management staff. As all problems must ultimately

WARRANTY INFORMATION



be resolved at the retailer level, it is important to you and your retailer that he be allowed the opportunity to effect a solution to your problem. If your inquiry is not resolved to your complete satisfaction, ask to speak with the retailer owner. As it is his business, he is most concerned with your continued patronage.

Second – if your retailer has not satisfactorily resolved your problem, you may wish additional review by Bentley Motors, Inc., through one of our zone offices. You may contact the Company at the office serving your area as listed in this guide, or at our toll free national number:

1 – 800 – 777 – 6923.

When writing or telephoning our zone offices for assistance it will be necessary for you to provide the following information:

- your name, address and telephone number
- where you can be reached
- vehicle identification (chassis) number
- vehicle delivery date and mileage
- selling and servicing retailer

Third – occasionally an instance may arise where, due to a particular circumstance, you as a Bentley motor car owner may not agree with a decision made by us or one of our Authorised Retailers. Should such a situation occur and you desire an impartial third party opinion, Bentley Motors, Inc., participates in certain

states, in 'AUTO LINE' an automotive complaint resolution program run by the Council of Better Business Bureaus ('BBB').

This program is available to resolve many types of problems regarding motor cars less than three years old (from date of delivery to original owner). Please contact the Bentley Motors, Inc. Customer Relations Department for information as to whether the Company operates in the AUTO LINE Program in your state. If you wish to contact AUTO LINE: (1) call, free of charge, the local BBB office listed in your telephone directory; or (2) call 1 – 800 – 228 – 6505 – a 24 hour toll free number (to obtain the no-charge AUTO LINE number or your nearest BBB office); or (3) write to AUTO LINE, Council of Better Business Bureaus, Inc. 4200 Wilson Boulevard, Arlington, Virginia 22203.

Please note: If Bentley Motors, Inc., participates in the AUTO LINE Program in your state, you must use AUTO LINE before exercising your rights or seeking remedies under the federal Magnuson-Moss Warranty Act and certain state laws. Pursuit of your rights and remedies under other laws, however, does not require you to use AUTO LINE first.



WARRANTY INFORMATION

Special Notice to Canadian Customers

Occasionally a customer complaint cannot be resolved through Bentley Motor Cars (Canada) Ltd., customer satisfaction/assistance/relations program. If after exhausting the procedures in this Warranty Handbook your problem is still not resolved, you have yet another option.

Bentley Motor Cars (Canada) Ltd., participates in an arbitration program administered by the Canadian Motor Vehicle Arbitration plan (CAMVAP). CAMVAP will advise you about how your complaint may be reviewed and resolved by an independent third party through binding arbitration.

Your complete satisfaction is the goal of Bentley Motors and our retailers. Participation in CAMVAP makes a valuable contribution to our achieving that goal. There is no charge for using CAMVAP. CAMVAP results are fast, fair, and final as the award is binding on both you and Bentley Motor Cars (Canada) Ltd.

For more information, call CAMVAP directly at 1-800-207-0685 or our owner relations department at 1-248-754-6464.

WARRANTY INFORMATION



Special Notice To California Customers

Portions of the Song-Beverly Consumer Warranty Act ('the Act') are reproduced in this Special Notice. Please read this law for a statement of certain rights available to California residents purchasing new cars from California retailers.

Notices under section (e) (1) (i) of the Act should be addressed to:

Bentley Motors, Inc.
5388 N. Sterling Center Dr.
Westlake Village
CA 91361

CALIFORNIA AUTO LINE PROGRAM

1. Bentley Motors, Inc. ('Bentley') participates in BBB AUTO LINE, a mediation/arbitration program administered by the Council of Better Business Bureaus (4200 Wilson Boulevard, Arlington, Virginia 22203) through local Better Business Bureaus. BBB AUTO LINE and Bentley have been certified by the Arbitration Review Program of the California Department of Consumer Affairs.

If you have a problem arising under a Bentley written new vehicle Limited Warranty, we encourage you to bring it to our attention. If we are unable to resolve it, you may file a claim with BBB AUTO LINE. Claims arising under a Bentley written new

vehicle Limited Warranty must be filed with the BBB within six (6) months after the expiration of the Warranty.

To file a claim with BBB AUTO LINE, call 1-800-955-5100. Your call will automatically be directed to the appropriate BBB AUTO LINE office in California. There is no charge for this call.

2. In order to file a claim with BBB AUTO LINE, you will have to provide your name and address, the brand name and vehicle identification number (VIN) of your vehicle, and a statement of the nature of your problem or complaint. You will also be asked to provide: the approximate date of your acquisition of the vehicle, the vehicle's current mileage, the approximate date and mileage at the time your problem was first brought to the attention of Bentley or one of our retailers, and a statement of the relief you are seeking.

BBB staff may try to help resolve your dispute through mediation. If mediation is not successful, or if you do not wish to participate in mediation, eligible customers may present their case to an Arbitrator at an informal hearing. The Arbitrator's decision should ordinarily be issued 40 days from the time your complaint is filed (47 days if you did not first contact Bentley about your problem).

3. You are required to use BBB AUTO LINE before asserting in court any rights or remedies conferred by 15 U.S.C. Section 2310 or California Civil Code Section 1793.2 (e). You are not required



WARRANTY INFORMATION

to use BBB AUTO LINE before pursuing rights or remedies under any other state or federal law.

4. REMEDIES YOU MAY SEEK IN BBB AUTO LINE.

In BBB AUTO LINE, you may seek repairs, reimbursement for past repairs, incidental/collateral damages, and the repurchase or replacement of your vehicle.

5. You are free to reject the decision issued by a BBB AUTO LINE Arbitrator. If you reject the decision, you will be free to pursue further legal action. The Arbitrator's decision and any findings will be admissible in a court action to California Civil Code Section 1793.2 (d).

If you accept the Arbitrator's decision, Bentley will be bound by the decision, and will comply with the decision within a reasonable time not to exceed 30 days after we receive notice of your acceptance of the decision.

6. Please call BBB AUTO LINE for further details as to your eligibility for this program.



REPORTING SAFETY DEFECTS

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform Bentley Motors, Inc.



WARRANTY INFORMATION

LIMITED WARRANTY STATEMENTS

BENTLEY MOTORS INC.* ('the Company') warrants each new Bentley motor car and each replacement part, assembly, and component supplied by it to be free from defects in material and workmanship under normal use and service, and subject to the terms and conditions stated below in this Limited Warranty, for the Warranty Period set forth in Paragraph 1.

I. WARRANTY COVERAGE

(a) GENERAL WARRANTY COVERAGE. Except as excluded in Paragraphs 4 and 5, the Company warrants each new motor car to be free from defects in material and workmanship for a period of three (3) years, unlimited mileage, after delivery of the motor car to the original owner.

(b) REPLACEMENT PARTS COVERAGE. Except as excluded in Paragraphs 4 and 5, the Company warrants parts, assemblies and components which are replaced, are free from defects in material and workmanship. This Warranty period (unless otherwise noted), is until the expiration of the new car Warranty or 1 year, whichever occurs last.

* In Canada, this Warranty is provided by Bentley Motor Cars (Canada) Ltd.

2. EXTENT OF COMPANY OBLIGATIONS

This Warranty extends to each original and subsequent owner of

a new Bentley motor car. The obligations of the Company under this Warranty are limited to the repair, or, at its option, the replacement with a new or remanufactured unit, without charge for labour or parts, of any part, assembly or component determined to be defective in material or workmanship during the applicable Warranty period. All items which are replaced become the property of the Company.

All service under this Warranty must be performed by an Authorised Bentley Retailer at its place of business.

3. LIMITATIONS OF WARRANTIES

THIS WARRANTY LIMITS THE DURATION OF ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TO THE TIME PERIODS SET FORTH IN PARAGRAPHS 1 (a) and 1 (b).

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

4. EXCLUSIONS FROM WARRANTY COVERAGE

(a) TIRES. This Warranty does not cover tires. Tires are Warranted by the tire manufacturer under a separate Warranty.

(b) MAINTENANCE SERVICE, WEAR AND TEAR. The obligations of the Company do not extend to maintenance



services such as tune-ups, cleaning of coolant, fuel, and hydraulic systems, wheel balancing and alignment, and other service adjustments; nor to the repair or replacement of service items such as lubricants and fluids, spark plugs, wiper blades, filters, belts, coolant hoses and brake pads; nor to the deterioration of paintwork, upholstery or any other part, assembly or component as a consequence of normal wear and tear or exposure to the elements.

(c) INCIDENTAL AND CONSEQUENTIAL DAMAGES. THIS WARRANTY NEITHER COVERS NOR EXTENDS TO ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE OR EXPENSE SUCH AS INCONVENIENCE, HOTEL OR RESTAURANT EXPENSES, PARKING FEES, CAR RENTALS OR THE LOSS OF TIME OR USE OF THE MOTOR CAR. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

5. OBLIGATIONS OF OWNER AS TO CORRECT CARE

The Company will not cover damage caused by the following conduct or circumstances: (a) if the essential maintenance services identified in the Service Schedules and the maintenance instructions described in this Handbook are not performed and followed at the prescribed intervals; (b) if the motor car is used

for commercial service, or for racing or reliability trials; (c) if the motor car is registered and used outside the United States, Canada, or its territories or possessions; (d) if failure or malfunction of the motor car or of any warranted part, component or assembly results from an accident; (e) if failure or malfunction is caused by negligence in use of the motor car, or by performance of service, repair or modification of the motor car other than in accordance with the recommended servicing and repair procedures of the Company, or by the fitting of a part, assembly or component not conforming to specifications of the manufacturer of the motor car; or (f) if the motor car's odometer has been disconnected or tampered with so as to affect the true reading of the motor car's mileage.

6. RETURN OF OWNER INFORMATION CARD

The original and each subsequent owner of a Bentley motor car is requested to complete and return an Owner Information page in Chapter Five of this Handbook.

The return of this Card is for information purposes and is not a condition precedent to Warranty coverage.

7. EXCLUSIVENESS OF EXPRESS WARRANTY

This written Warranty and the emission control system warranties are the only express warranties applicable to the motor car which



WARRANTY INFORMATION

are given by the Company or the manufacturer of the motor car.

Any and all other express warranties, representations, promises or statements shall be of no force or effect as regards the Company or the manufacturer of the motor car.

This Warranty merges all prior discussions, understandings, representations and agreements concerning the Warranty and the motor car.

If any provision of this Warranty is declared or made ineffective or unenforceable by law, adjudication or otherwise, such ineffectiveness or unenforceability shall not affect any of the other terms and conditions of this Warranty.

No person is authorised to change or modify this Warranty and under no circumstances may this Warranty be changed or modified orally.

NOTE



This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

8. ROADSIDE ASSISTANCE PROGRAM

The Bentley Roadside Assistance Program is our commitment to providing the owners of Bentley motor cars the finest ownership experience in the world.

The Roadside Assistance Program offers important benefits

should your motor car become disabled during the term of this Warranty.

Specific details of this program are provided in the Roadside Assistance booklet.



EMISSION WARRANTY STATEMENTS

(2004 Model year vehicles)

Federal Emission Warranty Statements

Bentley Motors, Inc.* warrants to the ultimate purchaser and each subsequent purchaser of a Bentley motor car that the vehicle is designed, built and equipped so as to conform with the U.S. Clean Air Act and the regulations of the Transport Canada as may be applicable to the vehicle at the time of manufacture, and that it is free from defects in materials and workmanship that would cause it to fail to conform with these requirements.

Emission Defects Warranty

Under the Federal Emissions Defects Warranty, Bentley Motors, Inc.* must provide a general Emission Defects Warranty for two (2) years or 24,000 miles, whichever first occurs. Bentley Motors, Inc. extends this Warranty to three (3) years or 50,000 miles whichever first occurs. The three years or 50,000 miles Warranty Period shall begin on the date the vehicle is delivered to the first retail purchaser or on the date the vehicle is first placed in service, whichever first occurs.

Bentley Motors, Inc. warrants that your vehicle:

is designed, built and equipped to conform, at the time it is sold, with the emission standards of the U.S. Environmental Protection Agency (EPA) and

is free from defects in factory supplied materials and workmanship which could cause it to fail to conform with the applicable EPA regulations.

You will not be charged for repair, replacement, or adjustment needed to correct emissions related defects of the parts listed within the Emission Warranty Coverage List. This includes labour and diagnosis.

The Federal Emission Defects Warranty also covers the following specified major emission control components for eight (8) years or 80,000 miles, whichever first occurs:

- Catalytic Converters (including shell)
- Engine Control Module (ECM)
- On-board emission diagnostic device (OBD)
- Related parts and associated labour

Emission Performance Warranty

Bentley Motors, Inc.* warrants to the ultimate purchaser and each subsequent purchaser that, should the vehicle fail an EPA approved emission test and such nonconformity results, or will result in the absence of remedy, in the owner of the vehicle having to bear any penalty or other sanction (including the denial of the right to use the vehicle) under local, state or federal law, then Bentley Motors, Inc. or its Authorised Retailer will diagnose, adjust, repair, or replace to its specification any parts that are necessary to make



WARRANTY INFORMATION

the vehicle pass the test at no cost to the owner, provided that the vehicle is maintained and operated in accordance with the written instructions for correct maintenance and use issued by Bentley Motors, Inc.

This Performance Warranty Period begins on the date the vehicle is delivered to the first retail purchaser or on the date the vehicle is first placed in service, whichever first occurs, and continues for a period of 3 years or 50,000 miles** whichever first occurs.

This Performance Warranty also covers the following specified major emission control components for eight (8) years or 80,000 miles, whichever first occurs:

- Catalytic Converters (including shell)
- Engine control module (ECM)
- On-board emission diagnostic device
- Related parts and associated labour

* In Canada this Warranty is provided by Bentley Motor Cars (Canada) Ltd.

** Defects in material or workmanship continue to be covered under the new vehicle Limited Warranty.

This Warranty applies only in the United States of America in those states and local jurisdictions which have established periodic vehicle inspection and maintenance programmes to encourage

correct maintenance of your vehicle, regardless of whether those states or local jurisdictions have enacted Warranty provisions that differ from the federal provisions.

*** A similar Warranty is offered in British Columbia by Bentley Motor Cars (Canada) Ltd.



Emissions Warranty Coverage List

Listed below are the components that may affect your vehicle's emissions that are covered under the **Federal Emission Defects Warranty and Performance Warranty as previously defined.**

Air Intake System including, but not limited to:

- Air cleaner housing (ACL)
- Intake manifolds
- Turbocharger – (TC) (including wastegate and dump valve)
- Turbocharger – (TC) wastegate solenoid
- Dump valve solenoid
- Charge air cooler – (CAC)
- Camshaft adjuster unit
- Camshaft timing adjuster assembly
- Camshaft timing adjuster solenoid

Fuel Metering System:

Fuel injection, Throttle Body or Multipoint (Mechanical or Electronic)

Temperature sensors including, but not limited to:

- Engine coolant temperature sensor – (ECT sensor)
- Intake air temperature sensor – (IAT sensor)

Air flow devices or sensors including, but not limited to:

- Boost pressure sensor
- Altitude sensor
- Airflow meter – (HFM)

Engine position sensors including, but not limited to:

- Camshaft position sensor – (CMP sensor)
- Crankshaft position sensor – (CKP sensor)

Fuel system including, but not limited to:

- Fuel pressure regulator – (FPR)
- Fuel injectors
- Fuel distribution rail
- Fuel delivery/return lines

Throttle body assembly and housing

- Throttle body – (TB)

Throttle and throttle controls including, but not limited to:

- Throttle position sensors – (TP sensor)
- Accelerator pedal position sensor – (APP sensor)

Ignition System including, but not limited to:

- Ignition coils



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Spark plugs
Knock sensors – (KS)
Spark timing control module – (ECM)
Camshaft position sensor – (CMP sensor)
Crankshaft position sensor – (CKP sensor)
Engine coolant temperature sensor – (ECT sensor)
Intake air temperature sensor – (IAT sensor)

Positive Crankcase Ventilation System – (PCV)

PCV valve or orifices
PCV connection assembly
Oil filler cap

Fuel Evaporative Control System (EVAP) including, but not limited to:

EVAP canister
Canister solenoid valve
Canister purge valve
Fuel filler cap
Fuel tank assembly
Park heater (if applicable)
Fuel lines

Leak detection pump
Fuel pumps
Park heater fuel metering pump (if applicable)

Secondary Air Injection System – (AIR) including, but not limited to:

Secondary air control valves
Secondary air control solenoid
Secondary air injection pump
Non-return valve

Exhaust System

Exhaust manifold
Catalytic converters – (WU – TWC and TWC)
Front exhaust pipe

Engine Emission Control System Sensors (modules, sensors, solenoids, valves) including, but not limited to:

Engine control module – (ECM)
Transmission control module – (TCM)
Heated oxygen sensors – (HO2S) (pre and post catalyst)
Engine coolant temperature sensor – (ECT) sensor

WARRANTY INFORMATION



Intake air temperature sensor – (IAT sensor)
Camshaft position sensor – (CMP sensor)
Crankshaft position sensor – (CKP sensor)
Turbocharger by-pass valve solenoid
Turbocharger by-pass valve position sensor
Exhaust gas temperature sensor
Vacuum signal pump
Vacuum pump sensor
Vehicle speed pulse generator (VSPG)

The spark plugs and air cleaner elements are scheduled for replacement at four years or 40,000 miles – 64,373 kilometres as part of a required maintenance service and are warranted under the Federal Emission Defects Warranty until they are replaced at their first replacement interval or until such first replacement interval has passed.

On Board Diagnostics – (OBD)

Malfunction indicator light – (MIL) - Instrument panel
OBD system – (ECM)
Data link connector – (DLC)
Thermostat monitoring sensor

Related Parts associated with the above systems:

Hoses
Switches, sensors, solenoids
Gaskets/seals
Wires/harnesses/connectors



WARRANTY INFORMATION

What is not covered by the Federal Emission Defects Warranty and the Federal Emission Performance

Warranty

These Warranty obligations do not apply to:

Malfunctions in any part caused by any of the following – misuse, improper adjustments (except those performed by an Authorised Retailer during Warranty repair work), modifications, alteration, tampering, disconnection, improper or inadequate maintenance*, or failure to use unleaded gasoline.

Damage resulting from fire, accident, acts of nature or other events beyond the control of Bentley Motors Ltd., Bentley Motors, Inc. or Bentley Motor Cars (Canada) Ltd.

Replacement of warranted parts at a required scheduled maintenance service interval (for example, spark plugs, filters, hoses and belts).

Any vehicle on which the odometer mileage has been changed and the total mileage cannot be readily determined.

Costs associated with incidental or consequential damages + (except for damage to other vehicle components proximately caused by a failure of a component covered by the Federal Emission Defects Warranty) such as loss of time, inconvenience, loss of use of the vehicle, commercial loss or towing.

These warranties limit the duration of all implied warranties, including without limitation the implied

warranties of merchantability and fitness for a particular purpose, to the time periods set forth in these warranties.

Some states in the USA do not allow limitations on how long an implied Warranty lasts, so the above limitations may not apply to you.

These warranties give you specific legal rights and you may also have other rights which vary from state to state in the USA.

- * Warranty claims or manufacturer recall liability will not be denied as a result of either:
 - a. Failure to comply with a required maintenance instruction to check the condition of an emissions warranted component and to replace or adjust it as necessary, or
 - b. Failure to perform Bentley Motors, Inc. Additional Maintenance service recommendations.

+ Some states in the USA do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.



California Emission Control Warranty Statement Your Warranty Rights and Obligations

If your Bentley motor car meets both of the following requirements:

- it is certified for sale in California
- it is registered in California or other state which has adopted California emission standards and Warranty regulations

You have the Warranty rights and obligations set forth in this section.

The California Air Resources Board and Bentley Motors, Inc. are pleased to explain the emission control system Warranty on your 2004 model year vehicle. In California, new motor vehicles must be designed, built and equipped to meet the state's stringent anti-smog standards.

Bentley Motors, Inc., must warrant the emission control system on your vehicle for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your vehicle.

Your emission control system may include parts such as the fuel injection system, the ignition system, catalytic converter, and engine computer. Also included may be hoses, belts, connectors and other emission related assemblies.

Where a warrantable condition exists, Bentley Motors, Inc. will repair your vehicle at no cost to you including diagnosis, parts and labour.

Manufacturer's Warranty Coverage

– For a minimum of **3 years or 50,000 miles⁺** (whichever first occurs):

a. If your vehicle fails a Smog Check inspection, all necessary repairs and adjustments will be made by Bentley Motors, Inc. to ensure that your vehicle passes the inspection. This is your emission control system **Performance Warranty**.

b. If any emission-related part on your vehicle is defective, the part will be repaired by Bentley Motors, Inc. This is your short-term emission control system **Defects Warranty**.

– For **7 years or 70,000 miles** (whichever first occurs):

a. If an emission related part listed in this Warranty Statement specially noted with coverage for 7 years or 70,000 miles is defective, the part will be repaired or replaced by Bentley Motors, Inc. This is your Long-term emission control system **Defects Warranty**.

NOTE



A warranted part is any part on the vehicle which affects any regulated emissions.



WARRANTY INFORMATION

Please refer to the Federal Emission Warranty Statements for details of any additional coverage.

+ Defects in material or workmanship continue to be covered under the new vehicle Limited Warranty.

Owner's Warranty Responsibilities

As the vehicle owner, you are responsible for the performance of **the required maintenance listed in this Service Handbook**.

Bentley Motors, Inc. recommends that you retain all receipts covering maintenance on your motor car, but Bentley Motors, Inc. cannot deny Warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

You are responsible for presenting your vehicle to an Authorised Bentley Retailer as soon as a problem exists. The Warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

As the vehicle owner, you should also be aware that Bentley Motors, Inc. may deny you Warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you have any questions regarding your Warranty rights and responsibilities, you should contact:

Bentley Motors, Inc.

3800 Hamlin Road

Auburn Hills

Michigan 48326

Telephone: 1 – 248 754 6464

Fax: 1 – 248 754 6455

or

California Air Resources Board

Mobile Source Operations Division

P. O. Box 8001

9528 Telstar Avenue

El Monte, CA 91734 – 8001



Additional Information About Emission Warranties

Repairs covered by the Federal Emission and California Emission Warranties will be performed by any Authorised Bentley Retailer at its place of business with no charge for parts or labour (including diagnosis) using genuine Bentley Motors Service Parts for any part of the emission control systems covered by the Emission Warranties and found to be defective. *Any warranted part which is scheduled for replacement as required maintenance is warranted up to the first scheduled replacement point for that part.*

In any emergency when an Authorised Bentley Retailer is not reasonably available, then repairs may be performed at a substitute service establishment, or by the owner, using any replacement parts. Furthermore, if genuine replacement parts are not available or the repair is not completed within 30 days then emergency repairs may also be performed.

The owner will be reimbursed for such emergency repairs (including diagnosis) that are covered by the Emission Defects Warranty or the Emission Performance Warranty, provided replaced parts and paid invoices are presented at an Authorised Bentley Retailer as a condition of reimbursement.

For vehicles certified for sale and registered in the state of California or another state which has adopted California emission standards and Warranty regulations the following shall apply:

In accordance with the California Health and Safety Code

Section 43205 (a) (4), the Long Term Defects Warranty, the following components from the Emission Warranty Coverage List fitted to 2004 Model Year Bentley vehicles will be repaired or replaced (including diagnosis) at no cost to the owner during the Warranty period of 7 years or 70,000 miles, whichever first occurs, provided that the vehicle is maintained and operated in accordance with the written instructions for correct maintenance and use issued by Bentley Motors, Inc.

The 7 years or 70,000 miles Warranty period shall commence on the date the vehicle is delivered to the first retail purchaser or on the date the vehicle is first placed in service, whichever first occurs.

Furthermore, for vehicles which fail to pass a California vehicle inspection smog check test **after** a period of use of 3 years or 50,000 miles but **before** the expiration of 7 years or 70,000 miles, the owner may present the vehicle to an Authorised Bentley Retailer or substitute service establishment for Warranty repairs.

If the smog check failure was caused by the failure or malfunction of a part defined in the Long Term Emission Defects Warranty Parts List, then the vehicle may be repaired at no cost to the owner provided that the vehicle or engine has not been abused, neglected, or incorrectly maintained, and that these conditions did not directly cause the need for the repair or replacement of the defective part.



WARRANTY INFORMATION

However, if the vehicle owner elects to use a substitute service establishment for Warranty repairs then, except in the case of an emergency as described above, Bentley Motors, Inc. will not be liable for any expenses arising from these unauthorised repairs.



Long Term Emission Defects Warranty Coverage List

Air Induction System:

- Intake manifolds
- Turbocharger – (TC) (including wastegate and dump valve)
- Turbocharger – (TC) wastegate solenoid
- Dump valve solenoid
- Charge air cooler – (CAC)
- Camshaft adjuster unit
- Camshaft timing adjuster assembly
- Camshaft timing adjuster solenoid

Fuel Metering System:

- Altitude sensor
- Camshaft position sensor – (CMP sensor)
- Throttle body – (TB) - including Throttle position sensors (TPS)

Ignition System:

- Knock sensor – (KS)
- Spark timing control module – (ECM)

Fuel Evaporative Emission Control (EVAP) System:

- Fuel tank assembly
- Park heater (if applicable)
- Fuel pump (main)
- Park heater fuel metering pump (if applicable)

Secondary Air Injection (AIR) System:

- Secondary air control solenoid
- Secondary air injection pump

Exhaust System:

- Exhaust manifolds
- Catalytic converter – (WU – TWC and TWC)
- Front exhaust pipe

Engine Emission Control System:

- Engine control module – (ECM)
- Transmission control module – (TCM)
- Heated oxygen sensors (HO2S) (pre and post catalyst)
- Exhaust gas temperature sensor
- Turbocharger by-pass valve solenoid
- Turbocharger by-pass valve position sensor



WARRANTY INFORMATION

On Board Diagnostics (OBD):

Malfunction indicator light – (MIL) - Instrument panel

OBD system – (ECM)



Emission Performance Warranty Claim Procedures

A claim under the Emission Performance Warranty may be raised immediately upon the failure of an emission test approved by the United States Environmental Protection Agency if, as a result of the failure, the owner is required to take action of any kind in order to avoid the imposition of a penalty or sanction if his/her vehicle is not brought into conformity, or repaired to some specified extent, within some specified period of time.

However, for vehicles certified for sale and registered in the State of California or another state which has adopted California emission standards and Warranty regulations, for a period of 3 years or 50,000 miles, a claim may be raised immediately upon the failure of a Smog Check test approved by the United States Environmental Protection Agency.

The owner may bring a claim under the Emission Performance Warranty by taking his/her vehicle to any Authorised Bentley Retailer for repair, and presenting a copy of the State inspection report. A decision as to the validity of the claim (where relevant) shall be made within a reasonable time not to exceed 30 days or the time period required by federal, state or local law, whichever is the shorter, unless a delay is requested by the vehicle owner or is caused by an event not attributable to Bentley Motors, Inc. or the Retailer performing the Warranty repair.

If the Retailer is unable, for any reason, to honour the

particular claim, then he will forward the claim to Bentley Motors, Inc. who will notify the owner within the specified time period whether the claim will be honoured. If the claim is not to be honoured then the owner will be notified in writing as to the reasons for the denial.

If the owner is not so notified within the required time period then he/she will receive Performance Warranty repairs free of charge.

In any emergency when an Authorised Bentley Retailer is not reasonably available or is unable to effect a repair within a reasonable time, repairs may be performed at a substitute service establishment.

The owner will be reimbursed for such emergency repairs (including diagnosis) that are covered by the Defects or Performance Warranties, provided that replaced parts and paid invoices are presented at an Authorised Bentley Retailer as a condition of reimbursement.



WARRANTY INFORMATION

Information Concerning Maintenance and Replacement Parts

The required maintenance relevant to the vehicle and its emission control systems, together with additional service recommendations for vehicle maintenance are contained within Chapter 6 of this Handbook. This maintenance should be carried out at the specified time or mileage.

Evidence of compliance with the required maintenance instructions should be obtained on completion of the work.

An Authorised Bentley Retailer should endorse the relevant Service Record in the space provided for this purpose, or complete documentation secured from any other source.

This is most important to the owner as it provides confirmation that the work has been carried out, a fact that the owner may be required to substantiate in case of a defects or performance Warranty dispute.

A Warranty claim will not be denied solely because the owner has no record that the required maintenance instructions in the Service Schedules have been performed; however, a Warranty claim may be denied if the owner's failure to perform the required maintenance resulted in the failure of a warranted part.

This Service Handbook containing the completed Service Schedules records should be passed to each subsequent purchaser of the vehicle.

The emission control systems of 2004 Model Year Bentley Cars were designed, built and tested using genuine Bentley Motors Parts and the cars are certified as being in conformity at the time of delivery to the first retail purchaser with the regulations of the United States Environmental Protection Agency, the requirements of the California Air Resources Board and Transport Canada, as may be applicable.

Accordingly, it is recommended that any replacement parts used for maintenance, repair or replacement of emission control systems be genuine Bentley Motors Service Parts.

The owner may elect to have maintenance, replacement or repair of the emission control devices and systems performed by any automotive repair establishment or individual, and may elect to use equivalent parts other than genuine Bentley Motors Service Parts for such maintenance, replacement or repair without invalidating these warranties.

If other than genuine Bentley Motors Service Parts are used for maintenance, replacement, or repair of components affecting emission control, the owner should assure himself/herself that such parts are guaranteed by their manufacturer to be equivalent to genuine Bentley Motors Service Parts in respect of calibration, performance, and durability.

Bentley Motors Limited, Bentley Motors, Inc. or Bentley

WARRANTY INFORMATION



Motor Cars (Canada) Ltd., however, assume no liability whatsoever with respect to replacement parts other than genuine Bentley Motors Service Parts.

The use of replacement parts other than genuine Bentley Motor Cars Service Parts, however, will not invalidate these warranties. Use of replacement parts which are not of equivalent quality may impair the effectiveness of the emission control systems.



WARRANTY INFORMATION

Customer Assistance

Bentley Motors, Inc. wishes to ensure that the Emission Defects Warranties and the Emission Performance Warranty are correctly administered. In the event that you do not receive the Warranty service to which you believe you are entitled under these warranties or need additional assistance or information concerning the warranties, contact:

Bentley Motors, Inc.
3800 Hamlin Road
Auburn Hills
Michigan 48326
Telephone: 1-248 754 6464
Fax: 1-248 754 6455

Owners can also obtain further information concerning the Emission Defects and Performance Warranties or report violations of the terms of the Emission Performance Warranty by contacting:

The Manager
Certification and Compliance Division (6405J)
Warranty Claims
Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

For vehicles certified for sale and registered in California:
California Air Resources Board
Mobile Source Operations Division
P. O. Box 8001
9528 Telstar Avenue
El Monte, CA 91734 – 8001



BENTLEY

Change of Owner Details 5



CHANGE OF OWNER DETAILS

OWNERSHIP INFORMATION

The Ownership Information form in this Chapter may be completed to advise Bentley Motors, Inc. of any change in ownership.

This form can also be used to notify Bentley Motors, Inc. of any updates to customer details.

The completed form should then be detached from the book and returned to the following address:

Bentley Motors, Inc.
Prospecting Manager
3800 Hamlin Road
Auburn Hills
Michigan 48326

Ownership Information

Notification of purchase
Update to customer details

Return to:
Bentley Motors, Inc.,
Prospecting Manager
3800 Hamlin Road
Auburn Hills
Michigan 48326



BENTLEY

Please either type or complete in BLOCK CAPITALS.

VIN: _____ Delivery Date: _____ Dealer Name: _____
Model: _____ Registration Number: _____ Mileage/Km: _____

Owner – Key data

Title: _____ First Name: _____
Last Name: _____

Preferred mailing address: Home: Business:

Business name (if applicable): _____

Address: _____

Town/City: _____ County/State: _____

Post/Zip Code: _____ Country: _____

Home Tel No: _____ Business Tel No: _____

Mobile No: _____ e-mail Address: _____

Preferred Mode of Contact: Post Telephone e-mail

Date of Birth: _____

Motor Car Traded in (Make, Model, Year): _____ Price: _____

Current/previous Bentley Owner: Yes No Details: _____

Other Cars Owned: _____

Correspondence Language: _____

Owner – Demographic Data

Business Sector: _____ Position in Business: _____

Hobbies and Interests: _____

Data Protection Statement

Bentley Motors, Inc., ("we") may store and use the information you have provided, and any ongoing information you provide, for the purpose of providing you with information about our products and company. We may contact you by mail, telephone, fax or e-mail for these purposes. We may also share your information with selected third parties for the purpose of providing information to you. We or they may contact you by mail, telephone, fax or e-mail to let you know about Bentley goods and services or our marketing events which we believe may be of interest to you.

Important: Data Protection legislation may require your consent to the use of the information you provide.

Customer Signature: _____

Date: _____

Ownership Information

Notification of purchase
Update to customer details

Return to:
Bentley Motors, Inc.,
Prospecting Manager
3800 Hamlin Road
Auburn Hills
Michigan 48326



BENTLEY

Please either type or complete in BLOCK CAPITALS.

VIN: _____ Delivery Date: _____ Dealer Name: _____
Model: _____ Registration Number: _____ Mileage/Km: _____

Owner – Key data

Title: _____ First Name: _____

Last Name: _____

Preferred mailing address: Home: Business:

Business name (if applicable): _____

Address: _____

Town/City: _____ County/State: _____

Post/Zip Code: _____ Country: _____

Home Tel No: _____ Business Tel No: _____

Mobile No: _____ e-mail Address: _____

Preferred Mode of Contact: Post Telephone e-mail

Date of Birth: _____

Motor Car Traded in (Make, Model, Year): _____ Price: _____

Current/previous Bentley Owner: Yes No Details: _____

Other Cars Owned: _____

Correspondence Language: _____

Owner – Demographic Data

Business Sector: _____ Position in Business: _____

Hobbies and Interests: _____

Data Protection Statement

Bentley Motors, Inc., ("we") may store and use the information you have provided, and any ongoing information you provide, for the purpose of providing you with information about our products and company. We may contact you by mail, telephone, fax or e-mail for these purposes. We may also share your information with selected third parties for the purpose of providing information to you. We or they may contact you by mail, telephone, fax or e-mail to let you know about Bentley goods and services or our marketing events which we believe may be of interest to you.

Important: Data Protection legislation may require your consent to the use of the information you provide.

Customer Signature: _____ **Date:** _____

Ownership Information

Notification of purchase
Update to customer details

Return to:
Bentley Motors, Inc.,
Prospecting Manager
3800 Hamlin Road
Auburn Hills
Michigan 48326



BENTLEY

Please either type or complete in BLOCK CAPITALS.

VIN: _____ Delivery Date: _____ Dealer Name: _____
Model: _____ Registration Number: _____ Mileage/Km: _____

Owner – Key data

Title: _____ First Name: _____

Last Name: _____

Preferred mailing address: Home: Business:

Business name (if applicable): _____

Address: _____

Town/City: _____ County/State: _____

Post/Zip Code: _____ Country: _____

Home Tel No: _____ Business Tel No: _____

Mobile No: _____ e-mail Address: _____

Preferred Mode of Contact: Post Telephone e-mail

Date of Birth: _____

Motor Car Traded in (Make, Model, Year): _____ Price: _____

Current/previous Bentley Owner: Yes No Details: _____

Other Cars Owned: _____

Correspondence Language: _____

Owner – Demographic Data

Business Sector: _____ Position in Business: _____

Hobbies and Interests: _____

Data Protection Statement

Bentley Motors, Inc., ("we") may store and use the information you have provided, and any ongoing information you provide, for the purpose of providing you with information about our products and company. We may contact you by mail, telephone, fax or e-mail for these purposes. We may also share your information with selected third parties for the purpose of providing information to you. We or they may contact you by mail, telephone, fax or e-mail to let you know about Bentley goods and services or our marketing events which we believe may be of interest to you.

Important: Data Protection legislation may require your consent to the use of the information you provide.

Customer Signature: _____

Date: _____



BENTLEY

Service 6



SERVICE

SERVICE SCHEDULES

<i>Distance covered</i>	<i>Interval</i>	<i>Type of service</i>
1000 miles/1600 km	6 weeks	Early life service
10,000 miles/16,000 km	1 year	A
20,000 miles/32,000 km	2 years	A + B
30,000 miles/48,000 km	3 years	A + C
40,000 miles/64,000 km	4 years	A + B + D
50,000 miles/80,000 km	5 years	A + C
60,000 miles/96,000 km	6 years	A + B + E
70,000 miles/112,000 km	7 years	A + C
80,000 miles/128,000 km	8 years	A + B + D
90,000 miles/144,000 km	9 years	A + C
100,000 miles/160,000 km	10 years	A + B + F
The service schedules are then repeated.		

Use the information given in the chart together with the lists of tasks given under each type of service.

Adverse conditions

If your car is frequently operated in areas of extreme temperature

or used in regions where dusty conditions exist, consult your Authorised Bentley Retailer regarding the need for more frequent servicing.

Vehicle services

Your motor car must be serviced in accordance with the listed service schedules.

Each scheduled service helps to maintain the safety, reliability and value of the car. In addition to other necessary service procedures, each of these comprehensive services will contain the following:

Service 'A'

1. Replace the engine oil and filter.
2. Check all fluid levels.
3. Check braking and steering systems.
4. Check wheels, tires.
5. Check cooling system for frost protection and leaks.
6. Replace pollen and dust filters.
7. Check windscreen wipers and washers.
8. Check vehicle batteries and replace remote key unit batteries.
9. Check operation of active rear aerofoil.



10. Check condition and operation of seat belts.
11. Replace tire pressure sensor batteries.
12. Check operation of driver aids, horns and lighting system.
13. Check all facia warning lamps, including system malfunction lamps, for correct operation.

Service 'B'

1. Replace the brake fluid.
2. Check braking and steering systems for leaks and security.
3. Check fuel system for leaks and damage.
4. Check drive shaft gaiters.
5. Check suspension fixings and ball joints.
6. Check power steering reservoir fluid level.
7. Check air suspension system.
8. Check remote locking and anti-theft alarm systems.
9. Check bodywork for corrosion, stone chips and contamination.
10. Carry out full functional check and road test the car for satisfactory performance and condition.

Service 'C'

Carry out an exhaust emission test (First 3 years after initial registration and then every 2 years).

Service 'D'

1. Renew the air filter elements.
2. Check position and mounting of the exhaust system.
3. Check the braking system.
4. Check condition of the engine drive belt.
5. Renew the spark plugs.
6. Lubricate all door check mechanisms.
7. Check headlamps settings.

Service 'E'

1. Renew brake caliper flexible hoses.

Service 'F'

1. Renew main fuel filter.
2. Renew transmission oil.
3. Renew the secondary air injection filters.
4. Check induction system for leaks.
5. Renew evaporative loss control canister.
6. Renew leak detection pump filter.



SERVICE

SERVICE VOUCHERS

A complex car must be serviced in accordance with the service schedules to help maintain its safety, reliability, and value.

Service schedule intervals are dependent upon the miles/kilometres covered by the car, or by the time interval between services.

**A self-adhesive vehicle identification and code label is supplied in the vehicle glove box.
Please remove the backing sheet and affix the label in this position.**

Pre-delivery

Tick (✓) box

Pre-delivery inspection

VIN

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Date:

--	--	--	--	--	--

Actual odometer reading:

--	--	--	--	--	--

Dealer code:

--	--	--	--	--

Dealer stamp:

Service Manager's signature:

Pre-delivery

Tick (✓) box

Pre-delivery inspection

VIN

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Date:

--	--	--	--	--	--

Actual odometer reading:

--	--	--	--	--	--

Dealer code:

--	--	--	--	--

Dealer stamp:

Service Manager's signature:

Return to Bentley Motors Limited.

Owner Details

Name:

Address:

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.....

.....

1000 miles (1600 km) Service

Tick (✓) box

1000 mls

1600 kms

6 weeks

VIN

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Date:

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Actual odometer reading:

--	--	--	--	--	--

Dealer code:

--	--	--	--	--

Dealer stamp:

Service Manager's signature:

1000 miles (1600 km) Service

Tick (✓) box

1000 mls

1600 kms

6 weeks

VIN

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Date:

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Actual odometer reading:

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Dealer code:

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Dealer stamp:

Service Manager's signature:

Return to Bentley Motors Limited.

Owner Details

Name:

Address:

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Owner Details

Name:

Address:

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Owner Details

Name:

Address:

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Voucher 3

Tick (✓) box

30,000 mls

48,000 kms

3 year

VIN

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Date:

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Actual odometer reading:

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Dealer code:

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Dealer stamp:

Service Manager's signature:

Voucher 3

Tick (✓) box

30,000 mls

48,000 kms

3 year

VIN

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Date:

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Actual odometer reading:

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Dealer code:

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Dealer stamp:

Service Manager's signature:

Return to Bentley Motors Limited.

Owner Details

Name:

Address:

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.....

.....

Voucher 4

Tick (✓) box

40,000 mls

64,000 kms

4 year

VIN

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Date:

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Actual odometer reading:

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Dealer code:

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Dealer stamp:

Service Manager's signature:

Voucher 4

Tick (✓) box

40,000 mls

64,000 kms

4 year

VIN

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Date:

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Actual odometer reading:

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Dealer code:

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Dealer stamp:

Service Manager's signature:

Return to Bentley Motors Limited.

Owner Details

Name:

Address:

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.....

Owner Details

Name:

Address:

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.....

Voucher 6

Tick (✓) box

60,000 mls

96,000 kms

6 year

VIN

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Date:

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Actual odometer reading:

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Dealer code:

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Dealer stamp:

Service Manager's signature:

Voucher 6

Tick (✓) box

60,000 mls

96,000 kms

6 year

VIN

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Date:

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Actual odometer reading:

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Dealer code:

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Dealer stamp:

Service Manager's signature:

Return to Bentley Motors Limited.

Owner Details

Name:

Address:

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.....

Voucher 7

Tick (✓) box

70,000 mls

112,000 kms

7 year

VIN

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Date:

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Actual odometer reading:

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Dealer code:

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Dealer stamp:

Service Manager's signature:

Voucher 7

Tick (✓) box

70,000 mls

112,000 kms

7 year

VIN

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Date:

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Actual odometer reading:

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Dealer code:

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Dealer stamp:

Service Manager's signature:

Return to Bentley Motors Limited.

Owner Details

Name:

Address:

.....

.....

.....

.....

.....

Voucher 8

Tick (✓) box

80,000 mls

128,000 kms

8 year

VIN

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Date:

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Actual odometer reading:

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Dealer code:

--	--	--	--	--	--

Dealer stamp:

Service Manager's signature:

Voucher 8

Tick (✓) box

80,000 mls

128,000 kms

8 year

VIN

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Date:

--	--	--	--	--	--

Actual odometer reading:

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Dealer code:

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Dealer stamp:

Service Manager's signature:

Return to Bentley Motors Limited.

Owner Details

Name:

Address:

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Owner Details

Name:

Address:

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Voucher 10

Tick (✓) box

100,000 mls

160,000 kms

10 year

VIN

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Date:

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Actual odometer reading:

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Dealer code:

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Dealer stamp:

Service Manager's signature:

Voucher 10

Tick (✓) box

100,000 mls

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VIN

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Date:

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Actual odometer reading:

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Dealer code:

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Dealer stamp:

Service Manager's signature:

Return to Bentley Motors Limited.

Owner Details

Name:

Address:

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BENTLEY

Notes



BENTLEY SERVICE HANDBOOK NOTES



BENTLEY

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