

Arnage T



BENTLEY
MOTORS



Bentley Arnage T

Much care goes into the naming of a new Bentley. Words are potent; the more so for a marque tracing over eighty years of uninterrupted bloodline.

Bentley: a marque associated indelibly with power beyond necessity. A Bentley is a car of stature, built to impeccable standards.

Arnage: a corner of the Le Mans circuit where the marque first made its reputation. History records five outright victories in seven years, from an era when Le Mans was a car-breaker and drivers were heroes.

Bentley Arnage is the name given to an exceptional four-door performance saloon. The new Series 2 Bentley Arnage represents a significant advance in dynamics, safety and performance, even above the high standards set by its predecessor.

Pre-eminent in the Series 2 range is the Bentley Arnage T. It carries the black winged 'B', a distinguishing mark of the most powerful and uncompromising Bentley cars.

Bentley Arnage T. For those who know, the name says everything.









External check

Familiar; the matrix grille and twin round headlamps. A Bentley signature.

Familiar also, the muscular lines. The bodyshell, with ample space for four and their luggage. The broad-tracked, low stance.


New; the sports alloy wheels. The deeper, sports front and rear bumpers with matrix air intake and flush-mounted fog lights. The integrated rear spoiler and twin oval tailpipes. All signs of a new Arnage.

The black winged B? Distinguishing mark of the Continental T coupé. Never before seen upon the radiator shell of Arnage, the four-door Bentley.

Check complete. Message received.







Cockpit drill

The door shuts like a vault.

Silence.

The scent of purest grade Connolly leather. Diamond quilted, hand-stitched leather. It takes up to 17 flawless hides to create this environment.

Switchgear surfaces are knurled like the stock of a London grade shotgun. Reassuringly secure to grip.

Dials, black faced, the Bentley wings beneath the still-lifeless needles.

Hard metallic gleam of chrome and aluminium. The sports steering wheel that yields – just enough – to the pressure of your grip. The chrome and hide racing gearshift that falls easily to hand.

A comfortable environment, but a purposeful one, too.

Ignition switch to position one. Dials flick into-life. Adjust mirrors, seat and steering wheel.

Ready.











Ignition

Press the black starter button.

Underneath the bonnet, the starter motor spins the 6.75 litre V8 engine.

Within fractions of a second, the precisely metered fuel-air mixture fires eight times as each piston in turn rises to top dead centre.

450 brake horsepower comes to life.

The most powerful production Bentley engine ever made announces its presence, not with a race engine's howl, but with a deep, even beat. Like the pulse of some mythic beast.

Observe the rev counter closely. Red line is at 4,500 rpm. Maximum torque of 645 lb.ft is reached at 3,250 rpm. The slightest movement of the throttle will have a dramatic effect. Recalibrate your expectations.

Hold the car on its footbrake as you slide the shift to Drive.

Now clear your mind. And go.





Power

The engine has the power to alter geography. Straights become extensions of the last corner, or preludes to the next one. And yet your overriding impression is one of control.

Steering, braking, cornering, the Arnage T communicates its intent with clarity and immediacy. From the driver's seat, it is hard to credit that this is a large four-door saloon. Swinging through S-bends, the car's size and weight magically diminish as it responds to each change of direction.

With its stiffer bodyshell and computer controlled sports suspension, the Arnage T is the most sporting four-door saloon that Bentley has ever made. Its intercommunicating systems monitor traction and grip, but without anaesthetising the driving experience.

Inevitably, the power of the 450bhp engine dominates your senses. But thanks to the chassis, it never overwhelms them.









Debrief

The Bentley Arnage T is the most powerful production Bentley ever made, with a four-door, five seat saloon body and 6.75 litre twin turbocharged engine both hand-built in Crewe, England.

As a Bentley carrying the black winged 'B' badge, it is designed for performance without compromise; intended to deliver the ultimate in exhilaration and to provide the purest driving experience.

Bentley Arnage T - technical overview and specification

The 6.75 litre V8 Bentley engine has a maximum power of 450bhp (336kW) at 4,100 rpm and achieves maximum torque of 645 lb.ft. (875 Nm) at 3250 rpm. It features twin charge coolers, with pulse separated exhaust manifolds and electronic throttle actuation. The engine is mated to a four-speed automatic transmission with electronic gear actuation. Acceleration from 0-50mph takes 5.5 seconds and top speed is 168mph (where conditions permit)*.

The Arnage T has a stiffer bodyshell for improved ride and handling. The chassis features the latest Bosch 5.7 Electronic Stability Programme (ESP) and four-channel ABS. Hydraulic dampers react in hundredths of a second to changes in the car's attitude in cornering, stiffening the outer dampers to minimise roll.

Externally the Arnage T is distinguished by deeper front and rear bumpers, twin oval tailpipes and optional 19" split rims fitted with 255/45ZR19 uni-directional tyres. The Bentley badge features a black enamel centre.

Unique features of the Bentley Arnage T interior are the diamond quilted perforated hide with contrast stitching on sports seats and door panels, the optional engine-turned aluminium inset on the fascia and waistrails, white on black dials, sports steering wheel, gearshift and switches with a knurled finish. Waistrails are in dark stained burr walnut.

The Arnage T also features a full safety specification, including full-sized driver and passenger airbags, front and rear mounted 'thorax' airbags and side air curtains deploying from the cantrail and 'A' post**.



Specifications (cont.)

POWERTRAIN

6.75 litre turbocharged V8 engine

Maximum Power 450 bhp (336 kW) at 4100 rpm

Maximum Torque 645 lb.ft (875 Nm) at 3250 rpm

PERFORMANCE

Acceleration	0-60mph	5.5 sec.	0-100km/h	5.78 sec.
	0-100mph	13.38 sec.	0-160km/h	13.43 sec.

Maximum Speed* 168mph 270km/h

TRANSMISSION

4 speed automatic gearbox – electronic gear actuation

Adaptive Shift Control tailors gearshifts to driving style

Centre console mounted selector

Transmission torque reduction control

BRAKING

Micro-ally ventilated discs front and rear

Hydraulically boosted front & rear circuits with four-channel anti-lock control

ELECTRONIC STABILITY PROGRAMME

Engine management linked to traction control system

Anti Slip Regulation (ASR), via engine torque reduction control and braking intervention to rear wheels

Speed sensors to all four wheels – driver enabled to switch system off

SUSPENSION

Double wishbone independent front and rear suspension

Computer controlled adaptive electro-hydraulic dampers

Automatic ride height control with auto load compensation and headlamp levelling

Driver selectable sports mode

STEERING

Power assisted, speed sensitive, rack and pinion steering system

Sports steering wheel with electric rake adjust (memory linked) and automatic easy entry/exit facility

3.2 turns lock-to-lock

Rotary open centre-type hydraulic control valve

INTERIOR

Engine start button

White on black analogue instruments with driver information panel, trip computer and top-roll mounted DVD satellite navigation system (in applicable markets)

Sports steering wheel, single colour hide

INTERIOR (CONT.)

Knurled finish to chrome switches and door handles

Engine-turned aluminium insert to fascia and waistrails (cost option)

Racing globe gear selector

Sports seats with diamond quilted perforated hide and contrast stitching

Embroidered Bentley marque emblems to seat face

Dark stained burr walnut veneer

Drilled alloy brake and accelerator pedals (cost option)

Console mounted gearbox sports mode switch

Diamond quilted perforated hide door panels with contrast stitching to armrests

Chrome speaker surrounds

Full Connolly Grade "A" hide upholstery in 21 hide colours plus personal specification facility (cost option, please consult your dealer)

Veneered picnic tables with engine turned aluminium inserts (cost option)

Veneered door panels and companion mirrors (cost option)

Heating, ventilation and air conditioning system with side to side, split level (face/feet) and front/rear individual settings, pollen and dust micro-filters, dehumidifier and residual heating

Audio system with 6CD autochanger

Provision for Nokia voice-activated phone system (please consult your dealer)

Two-stage seat heating and bi-level lumbar support for front seats

Twin electric, independently adjustable rear seats with easy exit feature

Electrically adjustable tilt steering wheel with cruise control operation and automatic easy entry/exit feature

Memory facility (four positions) linking driver's seat, exterior mirrors and steering wheel

Electrochromic self-dimming interior rear-view mirror

Electrochromic door mirrors dip on selection of reverse gear

One touch open/close window operation

Twin drinks holders to front centre console and rear console

2 umbrellas fitted in luggage compartment (cost option)

Footrests and lambswool rugs (cost option)

Magazine stowage to front seat backs

EXTERIOR COACHWORK

Black virged 'B' badge

Sports bumpers

Park Distance Control system

Integral front fog lamps

Integrated rear spoiler

Oval tailpipe finishers

Bentley matrix grille in stainless steel

All-steel monocoque bodyshell of high torsional rigidity

EXTERIOR COACHWORK (CONT.)

- Double-sided zinc coated skin panels
- Ten-stage metal treatment prior to cathodic electro-priming
- Elastomeric protective coating to underbody
- Flexibilised polymer clearcoat
- Lift assisted rear-hinged bonnet
- Glass with ferrous compound to control solar loading
- Paint range of 22 colours, plus personal specification facility (cost option, please consult your dealer)
- Chrome plated one-touch power folding door mirrors with electrochromic glass
- 18" sports 5-spoke aluminium wheels with 255/50 R18 Pirelli P-Zero low-profile tyres (standard)
- 19" 5-spoke split rim titanium bolted alloy wheels fitted with 255/45Z R19 Pirelli P-Zero tyres (cost option in select markets, please consult your dealer)

SAFETY

Bosch 5.7 Electronic Stability Programme (ESP). Detects critical driving situations and reacts automatically using both brake and engine interventions to maintain vehicle stability. Features:

- Antilock Braking System (ABS)
Prevents the road wheels locking when over braked and maintains steering control
- Electronic Brake Pressure Distribution (EBD)
Prevents over braking of the rear wheels, if ABS is unavailable due to specific fault states.
- Automatic Slip Regulation - traction control system (ASR)
Prevents the driven wheels from spinning by intervening using both the braking and the engine management systems
- Engine drag torque control (MSR)
Prevents the driven wheels from locking due to the engine braking effects when the accelerator is released suddenly or when the vehicle gear is down shifted
- Hydraulic Brake Assist (HBA)
Reduces stopping distances in emergency braking situations based on the speed of the driver's reaction at the brake pedal
- Aquaplane detection

- Four-channel electronic anti-lock braking system
- All-steel monocoque with impact absorbing body sections to front, rear and sides
- Anti-intrusion beams on all doors
- Full-sized driver and front passenger airbags** with side impact air curtain and thorax airbag systems for front and rear occupants
- Anti-submarine seat design
- Front seat belt pre-tensioners
- Inertia sensor fuel shut-off, door auto-unlock and steering column decouple occupant safety systems
- Energy absorbing bumper system

SAFETY (CONT.)

- Anti-trap electric window closing mechanism
- High mounted rear stop lamp
- Headlights engage automatically on continuous windscreen wipe

SECURITY

- Integrated key with retractable blade and integral transponder
- Multi-function programmable alarm and immobilisation system
- Perimetric exterior and volumetric interior volume sensing for alarm system
- Central locking and deadlock system
- Driver's door only unlock function on key fob (programmable option)
- Master and limited access (valet parking) fob key
- Air conditioning system and interior lights activate on disarming (programmable option)
- Glass break sensor
- Inclination sensor

FUEL CONSUMPTION

CO₂ - 495 g/km

(EU Cycle)

Urban	30.7 (1/100km) - 9.2 mpg
Extra-urban	14.8 (1/100km) - 19.1 mpg
Combined	20.6 (1/100km) - 13.7 mpg

(EPA Cycle)

City driving	10 miles/US gallons
Highway driving	15 miles/US gallons

DIMENSIONS AND CAPACITIES

Wheelbase	3116 mm	(122.77 in.)
Front Track	1602 mm	(63.12 in.)
Rear Track	1602 mm	(63.12 in.)
Overall length	5400 mm	(212.75 in.)
Width (across mirrors)	2125 mm	(83.70 in.)
Width (across body)	1932 mm	(76.10 in.)
Overall height	1515 mm	(59.60 in.)
Kerb weight	2585 kg	(5699 lb)
Fuel tank capacity	100 litres	(26.4 US gallons)
Luggage compartment volume	0.374 m ³	(13.2 cu.ft.)

OWNERSHIP

- 3 year unlimited mileage limited warranty - See dealer for details
- Service intervals 10,000 miles

* Top speed attained on closed course by professional test driver. Always observe posted speed limits.

** Airbags are supplementary restraints only. Always use safety belts and only seat children in the rear, using restraint systems appropriate for their age



For more information on the Bentley Arnage T, please contact your dealer.

For more information about Bentley please call the customer relationship team on tel: 00 44 (0) 1270 535032 or visit our website www.newarnage.com

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