



The engine of the new Turbo RT now achieves 400 bhp, topping even that of its predecessor,

the Turbo R. Such an output is extraordinary, whether for an out-and-out sports car or a powerful four-door saloon. But for Bentley's engineers, and for drivers of the Turbo RT, a more significant increase can be found in the torque figures for its specially tuned turbocharged and intercooled 6.75 litre V8. The Turbo R's maximum torque of 553 lb.ft., under hard acceleration, gave a sensation described in one motoring journal as "a tidal wave of uninterrupted power". But the Turbo RT's maximum torque, attained between 2000 and 3450 rpm, eclipses even this with a gigantic 590 lb.ft.

To the person behind the wheel, the sensation of driving a Turbo RT is outside the normal frame of reference. There are huge reserves of ample, instant, controllable power, at any speed from fifteen miles an hour to almost ten times that figure. With the Turbo RT, the over-riding sensation, from idling speed through to the red line, is of inexorable power, of the seat pressing into one's back accompanied by the deep, muted growl of the engine. The chassis is equally impressive; Bentley's electronic traction assistance system, powerful micro-alloy antilock brakes and automatic ride control allow the driver to enjoy the full performance capabilities of the Turbo RT.

From the outside, detail styling touches such as the Turbo RT's mesh grille, distinctive new alloy wheels and body colour bumpers with bright mesh-covered air scoops give the Bentley a powerful presence, the understated distinguishing marks of a uniquely powerful and comfortable high-performance four-door saloon.



Automatic headlamp actuation in low light conditions - one of the many driver-oriented features of the Turbo RT's complete specification. Shown left with optional vaned grille.



BENTLEY TURBO RT.

A further evolution of the mould-breaking Turbo R, the Turbo RT features a specially tuned turbocharged and intercooled 6.75 litre V8 engine that now delivers 400 bhp and 590 lb.ft. of torque, while the long wheelbase body provides ample accommodation for up to five adults and luggage. A 0-60 mph acceleration time of 5.8 seconds and a governed maximum speed of 150 mph is achieved with remarkable refinement and comfort. The Turbo RT's specification also includes a new-look Bentley mesh grille, new sports alloy wheels and body colour bumpers with bright mesh inserts and trim strip.

STYLE

Contoured body style with wrap-around colour-matched bumpers, unique Bentley mesh radiator shell and integral front airdam with bright mesh inserts and trim strip.
New sports-style aluminium alloy wheels.

TECHNOLOGY

Automatic ride control provides computer control of the suspension dampers to optimise ride comfort and handling.
Transmission shift energy management and adaptive shift control provide computer control of the gearbox to produce smooth gear changes under all conditions.
Dynamic shift pattern (DSP) modifies the gear change points in 'normal' mode according to driving style.
Electronic traction assistance system fitted as standard.
Zytek EMS3 engine management system provides high density 32x32 site bit-maps for fuelling and ignition, enabling more accurate engine mapping, so providing greater efficiency, power and almost instant throttle response.
Alarm and immobilisation system with panic, lock and unlock functions controlled from key fob.
Automatic headlamp system actuates in low light conditions and switches off as light intensity rises. This system may also be programmed to actuate after wipers have been in use for 30 seconds or more.
Both alarm and headlamp operations are programmable to owner's individual preferences.
CFC-free air conditioning system.
GSM digital telephone system (UK).
Analogue telephone system (North America).

PERFORMANCE

6.75 litre V8 engine with exhaust driven turbocharger and liquid-cooled charge cooler.
Digital boost control system.
New 7.5jx17 aluminium alloy wheels fitted with directional 255/55WR17 tyres provide responsive steering and sure-footed roadholding in both dry and wet conditions.

Centre console-mounted gearshift with sport/standard gear change pattern selector.

Four speed electronically controlled automatic gearbox with torque converter lock-up.

Maximum power	400 bhp (297.2 kW) at 4000 min-1
Maximum torque	590 lb.ft. (800 Nm) between 2000 and 3450 min-1
Maximum speed	150 mph (241 km/h)
Acceleration	0-60 mph - 5.8 seconds.
	0-100 km/h - under six seconds

Fuel consumption	European Union drive cycle	US EPA
Urban	25.7 l/100 km (11.0 mpg)	11 mpUSgall
Extra urban (Highway)	13.3 l/100 km (21.2 mpg)	16 mpUSgall
Combined	17.8 l/100 km (15.9 mpg)	13 mpUSgall

DURABILITY

Underside of the bodyshell is zinc-coated and undergoes a ten-stage metal pre-treatment process prior to cathodic electro-priming. Multi-stage painting process with the latest 'clear over base' paint technology.
Flexibilised polymer clearcoat lacquer applied to the front surfaces of the motor car provides increased stone chip protection, yet is almost invisible to the eye.
Elastomeric stone-chip protective coating is applied to the sill and wheel arch areas prior to painting.

SAFETY

Fully powered braking system with four channel electronic anti-lock system and anti-dive geometry.
Driver and front seat passenger airbags.
Anti-side intrusion beams to doors.
Extended head restraint travel on front seats.
Careful attention to weight distribution under all loading cases, together with full-length lever arm front suspension and semi-trailing arm rear suspension with Panhard rod provide a safe and progressive handling characteristic at all times.
Seat belt pre-tensioners to front seat belts.



APPOINTMENTS

Four door saloon with accommodation for up to five adults.
New ergonomically-designed steering wheel for greater visual appeal and driver comfort.
Tilt-adjustable steering wheel enables the ideal driving position to be reached and has 'easy entry-exit' feature.
Memory facility allows the positions of the seat, exterior mirrors and steering wheel of four different drivers to be recalled; front passenger seat fitted with four memories for seat position.
Dual level climate control.
Air conditioning outlets for rear seat passengers permit individual control of the rear cabin environment.
4x30 Watt tuner-cassette audio system, with 6 CD autochanger mounted in centre console armrest for ease of access, playing through a ten speaker system.
Remote control of in-car entertainment system for rear seat passengers.
Full hide upholstery, Wilton carpet and lambswool rugs provide a unique interior ambience.
Burr walnut veneer with straight grained walnut cross-banding.
Two stage front seat heating with optional heated rear seats.
Bi-level lumbar support system to front seats.

DIMENSIONS

Wheelbase	124.5 in (3162 mm)
Overall length	17ft 8.4 in (5395 mm)
Overall width (across mirrors)	6ft 11.1 in (2110 mm)
Overall height	4ft 10.5 in (1485 mm)
Turning circle	41ft 4.9 in (12.62 m)