

The BMW 5 Series 540i Touring

BMW
Great Britain



Introduction

BMW 5 Series Touring

The 5 Series Touring is unique in its class. This car provides an alternative for those who want the dynamic excellence and style offered by the 5 Series Saloon but who also need extra versatility. Rear wheel drive, near perfect 50:50 weight distribution and innovative features such as the split tailgate make this a very rewarding car to drive.



Design



Introduction

If you are sporting and active, but looking for practicality and versatility we recommend you take a close look at the 5 Series Touring. It's a unique combination of style and dynamic ability. Every design element leaves no doubt that this is a BMW. The fact that it is also a Touring, with significantly enhanced versatility, only becomes apparent at a second glance.

Interior

The 5 Series Touring's interior is extremely spacious. Close attention has been paid to functional efficiency, ensuring that the interior not only looks good but also works well. The seats, for instance, are of the very best quality, carefully shaped to fit your body ensuring a relaxed and comfortable position with excellent support. Similarly, the controls and instruments are placed exactly where you would expect to find them.

Exterior

Succinct shapes, striking lines and a dynamic stance are all essential elements of the 5 Series Touring. And although the Touring fulfils a practical role it is also an impressive aesthetic achievement. Reflecting the engineering excellence that lies hidden beneath the bodywork, the crisp lines flow uninterrupted along the length of the car.

Flat load area

The load area is fully lined in velour, and features:

- Four lashing points to prevent objects from sliding around
- Two cargo holders for storing small items
- Easy access through a large bootlid

All making it possible to accommodate larger objects.

Navigation System

The optional navigation system guides you easily, quickly and directly to your destination. By calculating your exact location with an accuracy of 10 metres, the navigation system can determine the ideal route to your desired location.

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Safety



Introduction

To BMW, exceptional driving safety is a fundamental component of every car. That's why every 5 Series Touring incorporates safety systems that offer a comprehensive and class-leading level of protection.

ITS Head Airbag

The ITS head airbags for the driver and front passenger provide extra protection for the head and upper torso in a collision from the side.

Airbag System

Up to ten airbags in the 5 Series Touring ensure optimum safety by minimising risk of injury.

- Driver and front passenger airbags
- ITS head airbags
- Side airbags at the front, and side airbags at the rear including optional C-pillar head airbags

Restraint System

The seatbelt restraint system ensures optimum restraint through a combination of:

- The safety belt
- Belt lock tensioner
- Belt force limiter
- The anti-submarining ramp in the seat

During a collision the shoulder and lap belts are tightened simultaneously within fractions of a second to reduce the risk of injury.

Door Reinforcements

Crossbars fitted diagonally in the doors ensure very high standards of door stiffness and offer maximum safety for the occupants in a collision from the side.

Technology



Introduction

In the 5 Series Touring, we have taken suspension technology to new levels of sophistication with an array of unique, interlinked systems that are designed to provide optimum directional control and ride comfort - even under the most adverse driving conditions. DBC and DSC may sound familiar, but they represent the state-of-the-art in chassis and suspension safety systems and electronic engine management.

Lightweight Suspension

The 5 Series Touring is the world's first touring car to be equipped with a lightweight chassis. The entire front and rear suspension, brake callipers and wheels are made out of aluminium, reducing weight by almost 40kgs.

Dynamic stability control

DSC utilises ASC+T, and CBC, whilst also monitoring steering wheel movements, road speed and even lateral acceleration. It then modifies braking pressure and engine power to optimise road holding, particularly when accelerating through bends.

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Engines



Introduction

The 5 Series Touring offers a choice of seven different engines:

- Three different straight-sixes, powerful but compact
- A V8 engine, delivering a level of performance that sets new standards
- Two diesel units, combining almost limitless power with refinement and comfort

Each one is the result of BMW's commitment to engineering perfection and ceaseless quest for better solutions.

Six-Cylinder in-line engines

The aluminium six-cylinder in-line petrol engines available in the 520i, 525i and 530iSE offer optimum refinement and smooth, almost turbine-like power delivery. As with our eight-cylinder engines, fundamental laws of physics are applied to the design and construction, arriving at a powerful solution.

V8-engines

The BMW eight-cylinder engine is characterised by its high power outputs, enormous torque and distinctive sounding exhaust note, making accelerating an experience in superior performance as well as acoustic pleasure. The impressive 4.4 litre unit boasts:

- 440Nm of torque at only 3600rpm
- 0-62mph in only 6.3 seconds
- Average fuel consumption of 22.4mpg

Diesel engines

The new generation of BMW diesel engines has changed expectations of diesel motoring forever. These are the world's first six-cylinder common-rail diesel engines, featuring high-pressure injection and variable vanes in the turbocharger for increased torque at low engine speeds. Delivering a quite remarkable torque figure of 410Nm at only 1750rpm, the new 3.0 litre diesel accelerates the 530dSE from 0-62 mph in only 8.1 seconds.

Double-VANOS

Double-VANOS ensures optimum torque development over the entire rev range, providing more torque at low speeds and superior performance at high speeds. It also minimises exhaust emissions through improved engine efficiency. Double-VANOS is a feature of 520i, 525i and 530i SE models.

Ownership benefits

Introduction

BMW Ownership benefits provide a range of vehicle services that allow easy management of your BMW in all circumstances. From Service While You Wait and Accident management to Emergency Service and BMW Four Plus - the car care programme for BMWs over four years old - each service brings with it complete piece of mind and the knowledge that you and your car will be looked after by real experts.

Find out how BMW Driver services can take the stress out of car ownership and what we can do to make your life that little bit simpler.



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Technical Specification 540i Touring

Note - Figures in brackets represent Automatic transmission

Engine

Cylinders/valves 8/4
Capacity cml 4,398
Stroke/Bore (mm) 82.7/92.0
Max output (kW/bph/rpm)
Max torque (Nm/rpm) 440/3,600

Wheels

Tyre size front 235/45 R17
Tyre size rear 235/45 R17
Wheel size front 8J x 17
Wheel size rear 8J x 17

Fuel consumption

Urban (mpg) 15.1 (14.9)
Extra-urban (mpg) 31.4 (30.7)
Combined (mpg) 22.4 (22.1)
Urban (ltr/100km) 18.7 (18.9)
Extra-urban (ltr/100km) 9.0 (9.2)
Combined (ltr/100km) 12.6 (12.8)
CO2 emissions (g/km) 302 (307)
Tank capacity (ltr) 70

Dimensions

Wheelbase 2,830
Vehicle length 4,805
Vehicle width 1,800
Vehicle height 1,440
Track, front 1,512
Track, rear 1,522

Performance

Drag (cw) 0.33
Top speed (mph) 155
Acceleration 0-62 mph (sec) 6.3 (6.7)
Acceleration 50-75 mph in 4th (sec) 6.6

Weight

Unladen (EU) 1,815 (1,845)
Max permissible 2,280 (2,310)
Permitted load 540
Permitted axle load, front/rear 1,095/1,275

Equipment 540i and 540i Sport



Engine	540i	540i Sport
6-cylinder in-line diesel engine, turbocharger, common rail technology	NA	NA
6-cylinder in-line engine with 4 valve technology	NA	NA
8-cylinder V-engine with 4 valve technology	■	■
Charge air cooling	NA	NA
Cylinder-specific anti-knock control	■	■
Diesel catalytic converter with exhaust gas recirculation	NA	NA
Digital Diesel Electronics (DDE)	NA	NA
Digital Motor Electronics (DME)	■	■
Distributor system, solid-state	■	■
Double - VANOS	NA	NA
Engine mounts, individually controlled	NA	NA
Light-alloy cylinder head	■	■
On-board diagnosis	■	■
Three-way catalytic converter, heated oxygen sensor, activated carbon filter, controlled tank purge	■	■
VANOS	■	■
Exterior		
All-round anti-corrosion system with partial hot galvanising, phosphate treatment and cathodic dip paintwork, preservation of hollow cavities, underfloor protection	■	■
Bumpers and exterior mirrors in body colour	■	■
Door handles in body colour	■	■
Door sill trims with chrome inserts	■	■
Double glazing on door side windows	£680	£680

Key: ■ - Standard NA - Not Available

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Equipment 540i and 540i Sport

Exterior	540i	540i Sport
Engine compartment and luggage compartment lids supported by gas pressure springs	■	■
Exterior mirror, aspheric, blue-tinted, electrically adjustable, heated (incl heated screenwasher nozzles)	■	■
Exterior mirrors with automatic anti-dazzle and fold-in function	£220	£220
Front grille with chrome-plated vertical slats	■	■
Graduated tinted screen	£70	£70
Heat-insulating glass all-round, green, with laminated windscreen	■	■
Metallic paintwork	■	■
No model inscription	£0	£0
Remote control, key with automatically recharging battery	■	■
Roof rails	■	■
Screenwasher nozzles, heated	■	■
Wheel arches, front with plastic inserts	■	■
Wheels - Light-alloy wheels in cross-spoke styling 42, 8 J x 17	■	NA
Wheels - Light-alloy wheels in parallel-spoke styling 82, 7 J x 16	£0	NA
Wheels - Light-alloy wheels in radial-spoke styling 48, 7 J x 16	£0	NA
Wheels - Light-alloy wheels in radial-spoke styling 50, 7 J x 16	£0	NA
Wheels - Light-alloy wheels in star-spoke styling 81, 8 J x 17	£0	NA
Wheels - Light-alloy wheels in star-spoke styling 83, 7 J x 15	NA	NA
Wheels - Light-alloy wheels in Y-spoke styling 80, 8 J x 17	£0	NA
Rear spoiler	NA	NA
Interior		
Air conditioning (incl microfilter and air recirculation)	NA	NA
Analogue-face instruments with illumination from behind	■	■
Armrest at the front, sliding, with storage box	■	■
Armrests on the doors, with integral closing handles	■	■
Automatic air conditioning, incl automatic air recirculation and solar sensor	■	■
Car/key Memory	■	■
CD changer for 6 CD's	£250	£250
Centre armrest at the rear	■	■
Child seats, integrated (ISOFIX child seat fixings will be deleted with this option)	£260	£260
Climate comfort windscreen	£190	£190
Communications pack including Bluetooth Telephone Preparation, Navigation system, On board monitor with TV and Text, Trafficmaster	£3,095	£3,095
Courtesy lights front and rear with soft on/off dimming	■	■
Cupholders, front (not available with trafficmaster)	■	■

Key: ■ - Standard NA - Not Available

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Equipment 540i and 540i Sport

Interior	540i	540i Sport
Digital clock	■	■
Floor carpeting in velour, driver's footrest integrated in side lining	■	■
Glass sliding/vent roof, electric	£990	£990
Glove compartment, illuminated and lockable	■	■
Headlight range adjustment, electrical	■	■
Headrests at the front, adjustable for height and angle	■	■
Headrests at the rear, manually adjustable for height at the outside	■	■
Hi-Fi loudspeaker system	£470	£470
Indirect illumination of centre console	■	■
Interior and exterior mirrors with automatic anti-dazzle function and fold-in function of exterior mirrors (exterior mirrors aspheric)	£220	£220
Interior mirror with automatic anti-dazzle function	■	■
Interior trim in various options	■	■
LIGHTS ON? Warning	■	■
luggage compartment with velour lining all round	■	■
Seats/seat comfort - lumbar support on driver's and front passenger's seats, electrically adjustable	£295	NA
Navigation system with 16:9 on-board monitor (with TV function)	£2,195	£2,195
No-smoker package	£0	£0
On-board computer including Check/Control with alphanumeric display	■	■
On-board computer including Check/Control with pictogram display	NA	NA
Outside temperature display	■	■
Parked car heating system	NA	NA
Power socket (12V) in the luggage compartment	■	■
Radios - BMW Business, incl diversity aerial system	■	■
Radios - BMW Professional, incl diversity aerial system and single CD player	£685	£685
Radios - Single CD player for BMW Business	£100	£100
Reading lights front and rear	■	■
Rear-seat backrest split asymmetrically (2:1)	■	■
Rev counter	■	■
Roof lining in Anthracite	NA	■
Seats/seat comfort - Active seat for driver and front passenger (only with comfort seats)	£395	£395
Seats/seat comfort - Comfort seat for driver and front passenger (only with leather upholstery)	£620	£620
seats/seat comfort - Electric seat adjustment for driver and front passenger, with memory function for driver's seat and driver's exterior mirror	■	■
Seats/seat comfort - seat heating for driver's and front passenger's seats	£320	£320

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Equipment 540i and 540i Sport

Interior	540i	540i Sport
Seats/seat comfort - sports seats for driver and front passenger	■	■
Seats/seat comfort - standard seats in multi-zone foam technology, adjustable for length and height, driver's seat with additional adjustment for angle	£0	£0
Service interval indicator showing remaining mileage in display	■	■
Ski-bag	£150	£150
Smoker package	■	■
Spare wheel, stored in luggage compartment beneath the floor	■	■
Steering wheels - leather steering wheel, gearshift lever knob in leather	■	■
Steering wheels - M leather steering wheel with multifunction buttons	£75	■
Steering wheels - Multi-function steering wheel (operation of radio and cruise control)	■	NA
Storage pockets on the front seat backrests	■	■
Storage space in the driver's storage box, in the front and rear doors	■	■
Sunblinds for rear side windows	£160	£160
Telephone - Bluetooth Telephone preparation	£470	£470
Telephone - Car telephone, GSM, Cordless	£925	£925
Toolkit integrated in rear lid	■	■
TV function (only in conjunction with navigation system)	■	■
Twin-tone horn	■	■
Upholstery - Flat-weave cloth	£0	£0
Upholstery - Montana leather	■	■
Vanity mirrors, illuminated, with slide cover on driver's and front passengers mirrors	■	■
Vavona wood trim	■	£0
Voice control system	£330	£330
Warning triangle and first-aid kit	■	■
Window lifts front and rear, electrical, with open/close fingertip control, anti-trap facility and comfort closing function all round	■	■
Safety		
Airbags - Airbag system for rear passengers (head and side airbags)	£250	£250
Airbags - Driver and front passenger ID airbags (impact-depending airbag system), seat occupancy detector for front passenger airbag	■	■
Airbags - ITS head airbags at the front for driver and front passenger	■	■
Airbags - Side airbags at the front for driver and front passenger	■	■
Alarm system with radio remote control	■	■
Anti-lock brake system (ABS)	■	■

Key: ■ - Standard NA - Not Available

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Equipment 540i and 540i Sport

	540i	540i Sport
Safety		
Automatic Stability Control + Traction (ASC+T)	■	■
Brake light, third	■	■
Brakes - Disc brakes at the front, inner-vented	■	■
Brakes - Disc brakes at the rear	NA	NA
Brakes - Disc brakes at the rear, inner-vented	■	■
Central locking with electronic immobiliser, crash sensor, fuel tank filler flap integrated in central locking	■	■
Centre lock switch	■	■
Dynamic Stability Control (DSC), incl DBC	■	■
Foglamps	■	■
Headlight wash system	■	■
ISOFIX child seat fixings	■	■
Park Distance Control (PDC), front and rear	■	■
Parking protection provided by wrap-around plastic bumpers and side rubbing strips	■	■
Power steering with crash-optimised safety steering column	■	■
Safety battery terminal	■	■
Safety bodyshell - Crumple zones front and rear, aluminium door reinforcements, bumpers regenerating to their original shape in impacts up to 2.5 mph	■	■
Seat belts - Automatic seat belt height adjustment, front	■	■
Seat belts - Inertia-reel seat belts at the front with pyrotechnical belt tensioner, belt force limiter, and belt restraint	■	■
Seat belts - Rear belt system with three-point inertia-reel seat belts	■	■
Servotronic	£245	£245
Side impact protection and roof crossbar	■	■
Tyre Pressure Control (TPC)	£280	£280
Xenon headlights and Rain Sensor with Automatic Light Activation incl dynamic headlight range adjustment and headlight wash system	£545	£545
Sport		
Aerodynamic Bodystyling	NA	■
Alcantara/Flat Weave Cloth with Matt Aluminium Trim	NA	■
Anthracite Headlining	NA	■
De-chroming	NA	■
M Light-alloy wheels style 66 - 8 J x 17	NA	■
M Sports Multi-Function Steering Wheel	NA	■
M Sports Suspension	NA	■
Sports Seats	NA	■

Transmission

Key: ■ - Standard NA - Not Available

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Equipment 540i and 540i Sport

Transmission	540i	540i Sport
5-Speed manual gearbox	NA	NA
6-Speed manual gearbox	■	■
Aluminium compact axle (patented multi-arm principle)	■	■
Automatic transmission - 5-speed EH automatic transmission with Shiftlock/Interlock and adaptive transmission management, Steptronic	£0	£0
Lightweight double-joint spring strut front axle with aluminium track control arms	■	■
Sports suspension	£310	■
Stabiliser bars front and rear	■	■
Two-mass flywheel (manual gearbox models only)	■	■

Key: ■ - Standard NA - Not Available

Pricing

Price shown as 'on the road'

540i **£42,015**

540i Sport **£42,505**

Company car tax

Car benefit charges for cars with an approved CO2 emissions figure

Model Description	CO2 Taxband	CO2 Emission
540i	35% (35%)	302.0 (307.0)
540i Sport	35% (35%)	302.0 (307.0)

Company car tax information for automatic cars is shown in brackets.

BMW (GB) Ltd reserves the right to alter prices and specifications without notice.