

The BMW 7 Series



745i
745Li
760Li

The Ultimate
Driving Experience™







A new spirit in the cockpit: intuition.



Whether V8 or V12 –
the 7 Series is driven by the power of the mind.

There is only one alternative to the 7 Series: the 7 Series.





Being unique is the biggest luxury life has to offer.



Equipment.



■ **Multi-function steering wheel** offers convenient operation of numerous functions without taking your eyes off of the road or your hands off the steering wheel. Telephone functions, radio adjustment and STEPTRONIC, as well as many other functions, are accessible through the buttons on the steering wheel.



□ **Sport leather steering wheel** with three spokes offers a sporty design for perfect handling and control. Buttons are integrated for STEPTRONIC and radio, as well as the telephone, voice and audio control. (Available only on the 745i with Sport Package.)



■ **Start/Stop button** for starting the car by remote control. First insert the remote control into the ignition starter switch. Then start and stop your BMW simply by pressing the button.



■ **Six-speed automatic transmission** with STEPTRONIC offers greater fuel efficiency, improved driving dynamics and an ergonomic design that makes it very easy to operate. The transmission is controlled by the switch on the ergonomically placed lever on the steering column or the STEPTRONIC buttons on the steering wheel.



■ **Double spoke alloy wheels, style 93**, 8 J x 18" with 245/50R-18 all-season tires at the front and rear. (Available only on the 745i and 745Li.)



□ **V-spoke alloy wheels, style 126**, 9 J x 19" with 245/45R-19 performance tires at the front and 10 J x 19" with 275/40 R-19 performance tires at the rear. (Available only on the 745i with Sport Package.)



□ **Star spoke alloy wheels, style 95**, 9 J x 19" with 245/45R-19 performance tires at the front and 10 J x 19" with 275/40R-19 performance tires at the rear. (Available only on the 745i and 745Li.)



■ **Parallel spoke alloy wheels, style 89**, 9 J x 19" with 245/45R-19 performance tires at the front and 10 J x 19" with 275/40R-19 performance tires at the rear. (Available only on the 760Li.)



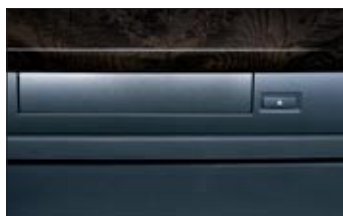
■ **Info Display** provides the driver with clear and precise information on an 8.8" display. Using the Controller in conjunction with the navigation system, information regarding on-board diagnostics, communication, climate control and a vast array of other information can be obtained as decided by the driver.



■ **Navigation System** with anti-dazzle 8.8" Control Display provides driving instructions via voice computer, additional information by directional arrows (on the information display) or a map. Destination-specific information and all driving information can also be retrieved on the Control Display.



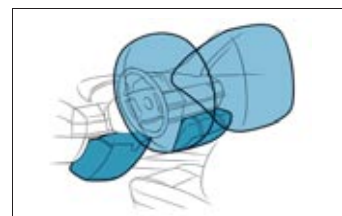
■ **The Controller** is the central input element for the driver and front passenger, allowing single-handed control and operation of the Information Display. Intuitive control and operation is ensured by menu guidance following the general principle of a compass.



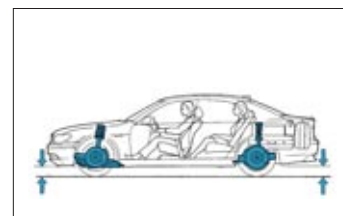
■ **CD changer** fitted above the glove compartment, with a front loader system, for easy and convenient use. Accommodates up to 6 CDs.



□ **Cooling box.** The electrical cooling box, opening up from inside the car once you fold down the centre armrest, offers space for two bottles.



■ **Active Knee Protection** is a special airbag designed to protect front-seat occupants' knees in the event of a severe impact. It also reduces the amount of dash space that would have been taken up by a knee-protection system using dash padding only.



□ **Electronic Dampening Control** reduces squat movement when braking and body movement when driving over uneven road surfaces or when taking bends or accelerating. Automatically adjusts to the optimum level of damping force for road conditions.

Standard Equipment | Optional Equipment

Safety	745i	745Li	760Li
Active Cruise Control (ACC)	□	□	□
Adaptive brakelight technology	■	■	■
Airbags:			
– Active Knee Protection System	■	■	■
– Driver and front passenger airbags (impact-dependent airbag system), seat occupancy detection for front passenger airbag	■	■	■
– Head Protection System, front and rear	■	■	■
– Side thorax airbags, front	■	■	■
– Side thorax airbags, rear	□	□	■
– SMART airbag deployment system	■	■	■
Alarm system with remote control and interior motion sensor	■	■	■
Anti-lock Brake System (ABS)	■	■	■
Battery Safety Terminal (BST)	■	■	■
BMW Assist safety + security telematics service package (free one-year subscription)*	■	■	■
Brakes:			
– Brake wear display	■	■	■
– Electromechanical parking brake with automatic hold	■	■	■
– Disc brakes at the front with aluminum swing callipers, inner-vented	■	■	■
– Disc brakes at the rear with grey cast iron swing callipers, inner-vented	■	■	■
Central locking with electronic immobilizer, crash sensor; tank filler flap integrated in central locking	■	■	■
Centre lock switch	■	■	■
Coded Drive-away Protection	■	■	■
Crash-optimized safety steering wheel column	■	■	■
Dynamic Stability Control (DSC) incl. DynamicTraction Control (DTC) and Dynamic Brake Control (DBC)	■	■	■
Electronic brake force distribution (EBD)	■	■	■
Emergency call function	■	■	■
Foglights in ellipsoid free-form technology	■	■	■
Headlight cleaning system incl. rain sensor and automatic activation of headlights	■	■	■
Intelligent Safety and Information System (ISIS)	■	■	■
Interlocking door anchoring system	■	■	■
Park Distance Control (PDC) front and rear, with visual message	□	□	■

Safety	745i	745Li	760Li
Safety body:			
– Deformation zones front and rear, door reinforcements made of aluminum, bumpers regenerating to their original shape in impacts up to 4 km/h	■	■	■
Seat belts:			
– Belt height adjustment on the B-pillar, automatic	■	■	■
– Inertia-reel seat belts at the front with pyrotechnical belt latch tensioner, adaptive belt force limiter and belt restrainer	■	■	■
– Rear seat belt system with three-point inertia-reel seat belts and terminal position tightener	■	■	■
Servotronic vehicle-speed-sensitive power steering	■	■	■
Side impact protection and roof crossbar	■	■	■
Windshield wipers with integrated heated wash nozzles	■	■	■
Xenon headlights for the low and high beam, incl. dynamic headlight range control	■	■	■

Engine	745i	745Li	760Li
V8 engine with four-valve technology	■	■	–
V12 engine with direct fuel injection	–	–	■
Cylinder-specific anti-knock control	■	■	■
Digital Motor Electronics	■	■	■
Distributor system , solid-state	■	■	■
Double-VANOS steplessly variable valve timing	■	■	■
Fully electronic drive-by-wire throttle system	■	■	■
Fully Variable Intake System	■	■	■
Light-alloy cylinder head	■	■	■
On-board diagnosis	■	■	■
START/STOP button with Comfort Start	■	■	■
Three-way catalytic converter , heated oxygen sensor, activated carbon filter, controlled tank purge	■	■	■
Valvetronic	■	■	■

Transmission/Suspension	745i	745Li	760Li
6-speed automatic transmission with STEPTRONIC (control buttons in the steering wheel)	■	■	■
Anti-roll bars , front and rear	■	■	■
Aluminum integral rear axle (patented multi-arm axle principle)	■	■	■
Dynamic Drive (Active Roll Stabilization)	■	■	■
Electronic Dampening Control (EDC+K)	□	□	■
Lightweight double-joint spring-strut front axle with aluminum track control arms	■	■	■
Self-levelling rear air suspension	□	□	■
Shift-by-wire transmission technology with Adaptive Transmission Management (ATM)	■	■	■

Interior Equipment	745i	745Li	760Li
Armrest at the front with storage box, temperature-controlled and lockable	■	■	■
Armrests in the doors with integrated closing handles	■	■	■
Automatic air conditioning with microfilter, solar sensor and Automatic Air Recirculation (AAR)	■	■	■
Automatic climate control , rear, including cooling box	–	□	□
BMW Mobile phone system incl. telecommander	■	■	■
Car/Key Memory	■	■	■
CD changer above the glove compartment for six CDs	■	■	■
Centre armrest at the rear	■	■	■
Controller on tunnel console for operating secondary vehicle functions	■	■	■
Cruise control , programmable for six speed settings	■	■	■
Cupholders at the front and rear	■	■	■
Door entry sill with illuminated V12 logo	–	–	■
Floor of passenger compartment finished in velour, driver's footrest integrated in side lining	■	■	■
Glass sunroof , electrically adjustable	■	■	■
Glove compartment , illuminated	■	■	■
Headrests at the rear with manual adjustment for height at the outside	■	■	■
Heated windshield wiper parking area	■	■	■
Hi-Fi Audio system, 10 speakers (incl. 2 subwoofers)	■	■	–
Harmon/Kardon LOGIC7 Sound System, 13 speakers (incl. 2 subwoofers)	□	□	■
Indirect illumination of the centre console	■	■	■
Info display , analog instruments combined with LCD	■	■	■
Interior lights front and rear with "soft" on/off function	■	■	■
Interior rear view mirror with automatic anti-dazzle function	■	■	■
Interior Trims:			
– Ash Grain high-gloss, dark/light	□	□	–
– Cherry matte, dark/light	■	■	–
– Burr Walnut high-gloss	–	–	■
– Vavona Grey matte	□	□	–

■ Standard □ Optional – Not Available

* See your BMW Retailer for complete details.

■ Standard □ Optional – Not Available

Standard Equipment | Optional Equipment

Interior Equipment	745i	745Li	760Li
LIGHTS ON? warning	■	■	■
Multi-function leather steering wheel, heated	■	■	■
Navigation System , integrated in iDrive system	■	■	■
On-board computer incl. Check Control in info display	■	■	■
Outside temperature display	■	■	■
Pockets on front-seat backrests at the rear	■	■	■
Radio:			
– BMW Business CD, AM/FM stereo with RDS	■	■	■
Reading lamps front and rear	■	■	■
Seats/seating comfort*:			
– Seat ventilation at the front	□	□	■
– Seat ventilation at the rear	□	□	■
– Active seats for driver and front passenger, electric	□	□	■
– Front seats, 14-way driver, 12-way passenger electrically adjustable, incl. driver memory and lumbar support	■	–	–
– Comfort seats for driver and front passenger, 20-way electrically adjustable, incl. active headrests, driver and passenger memory and lumbar support	□	■	■
– Comfort seats, rear, 14-way electrically adjustable	□	□	■
– Seat heating at the rear	□	□	■
– Seat heating for driver and front passenger seats	■	■	■

Interior Equipment	745i	745Li	760Li
Service requirement display in info unit	■	■	■
Ski bag	□	□	□
Smoker package	■	■	■
Spare wheel, full-size , housed in luggage compartment beneath the floor	■	■	■
Steering column adjustment , electric	■	■	■
Steering wheel, heated	■	■	■
Stepless door brakes	■	■	■
Storage spaces in the driver's storage compartment (8.5 litre capacity, temperature-controlled), and in the doors, front and rear	■	■	■
Sunblinds , electric rear window sunshade with electric side sunshades	□	□	■
Toolbox integrated in the rear hood	■	■	■
Upholstery:			
– Nasca Leather	■	■	–
– Full Nasca Leather	–	–	■
– Pearl Leather	□	□	–
Vanity mirror in the roof lining rear centre, swivelling, illuminated	■	■	■
Vanity mirror , illuminated and with slide cover, on driver's and front passenger's side	■	■	■
Voice recognition system , incl. telephone, navigation and audio functions, notepad set	■	■	■
Window lifts front and rear, electrical, with open/close fingertip control, trap release and comfort closing function all round	■	■	■

Exterior Equipment	745i	745Li	760Li
All-round anti-corrosion treatment with partial hot-galvanizing, phosphate treatment and cathodic dip paintwork, preservation of hollow cavities, underfloor protection	■	■	■
Bumpers and rear view mirrors in body colour	■	■	■
Direction indicators , white	■	■	■
Door handles in body colour, with illumination of outside area	■	■	■
Entry lights front and rear	■	■	■
Heat-insulating glass all round , green, with laminated glass windshield	■	■	■
Metallic or non-metallic paint	■	■	■
Ornamental grille at the front with chrome-plated slats, chrome surround	■	■	■
Trunk lid with single-joint bracket hinge	■	■	■
Rear view mirrors , blue-tinted, electrically adjustable, heated, with automatic anti-dazzle	■	■	■
Remote control with automatically recharging battery	■	■	■
Soft Close trunk	■	■	■
Universal garage door opener , integrated	■	■	■
Wheels:			
– 18 x 8.0 Double spoke alloy wheels, style 93, 245/50R-18 all-season tires	■	■	–
– 18 x 8.0 Multi spoke alloy wheels, style 94, 245/50R-18 all-season run-flat tires inc. Tire Pressure Warning System	□	□	–
– 19 x 9.0 Star spoke alloy wheels, style 95, 245/45R-19 front, 275/40R-19 rear performance tires	□	□	–
– 19 x 9.0 (front)/19 x 10.0 (rear) Parallel spoke alloy wheels, style 89, 245/45R-19 front, 275/40R-19 rear, performance tires	–	–	■
– 18 x 8.0 Star spoke alloy wheels, style 91, 245/50R-18, all-season tires	–	–	□
– 19 x 9.0 (front)/19 x 10.0 (rear) Star spoke alloy wheels, style 92, 245/45R-19 front, 275/40R-19 rear, performance tires	–	–	□
Windshield washer nozzles , heated	■	■	■
Windshield with green stripe	■	■	■

Premium Package	745i	745Li	760Li
Comfort seats, front; Electric rear sunshade with electric side sunshades; LOGIC7 sound system; Park Distance Control	□	–	–
Electric rear sunshade with electric side sunshades; LOGIC7 sound system; Park Distance Control; Self-levelling rear air suspension	–	□	–

Convenience Package	745i	745Li	760Li
Automatic trunk opening and closing; Soft Close function doors	□	□	■

Multimedia Package	745i	745Li	760Li
6-disc DVD changer; Rear screen; iDrive	–	□	■

Executive Package	745i	745Li	760Li
Active seats, front; Automatic trunk; Comfort seats, front; Electric rear sunshade with electric side sunshades; Heated seats, rear; LOGIC7 sound system; Park Distance Control; Soft Close function doors; Ventilated seats, front	□	–	–

Active seats, front; Automatic trunk; Electric rear sunshade with electric side sunshades; Heated seats, rear; LOGIC7 sound system; Park Distance Control; Self-levelling rear air suspension; Soft Close function doors; Ventilated seats, front	–	□	–
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Sport Package	745i	745Li	760Li
3-spoke leather sport steering wheel; 19" V-spoke alloy wheels, style 126; High-gloss Shadow Line; Sport suspension; Ash Grain high-gloss wood trim (available only with comfort seats and Nasca Leather)	□	□	–
20" Y-spoke alloy wheels	□	□	–
Sport Seats (with Pearl Leather)	■	□	–
Vavona Grey matte wood trim	□	□	–

Ventilated Active Seats Package	745i	745Li	760Li
Active seats, front; Ventilated seats, front; Heated seats, rear	□	□	■

Specifications | Technical Features

Weight		745i	745Li	760Li
Unladen	kg	1985	2025	2210
Weight distribution, front/rear	%	50.4/49.6	50.6/49.4	51.6/48.4
Max. permissible	kg	2465	2505	2690
Permitted load	kg	480	480	480
Permitted axle load, front/rear	kg	1160/1355	1180/1370	1285/1410
Permitted roof load	kg	100	100	100

Engine		745i	745Li	760Li
Litres		4.4	4.4	6.0
Cylinders/valves		8/32	8/32	12/48
Capacity	cc	4398	4398	5972
Bore/stroke	mm	92.0/82.7	92.0/82.7	89.0/80.0
Max. output	hp/rpm	325/6100	325/6100	438/6000
Max. torque	lb-ft/rpm	330/3600	330/3600	444/3950
Compression ratio	:1	10.0	10.0	11.3
Fuel grade		Premium Unleaded	Premium Unleaded	Premium Unleaded

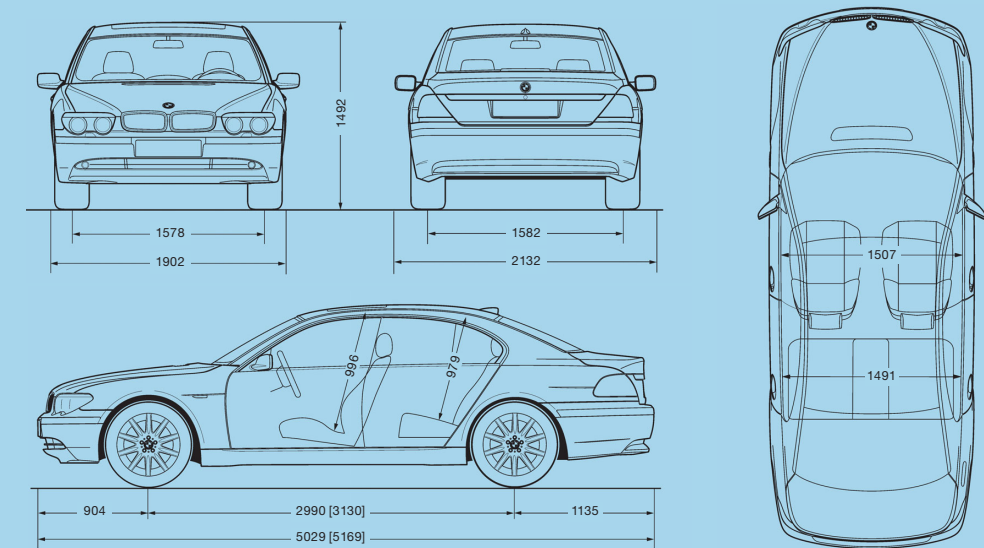
Transmission¹		745i	745Li	760Li
Drive configuration		Rear	Rear	Rear
Transmission type		6-A	6-A	6-A
Transmission ratios	I/II/III :1	4.17/2.34/1.52	4.17/2.34/1.52	4.17/2.34/1.52
	IV/V/VI :1	1.14/0.87/0.69	1.14/0.87/0.69	1.14/0.87/0.69
	R :1	3.40	3.40	3.40
Final drive ratio	:1	3.38	3.38	3.15

Brakes		745i	745Li	760Li
Braking system		4-channel ABS	4-channel ABS	4-channel ABS
Brake type, front and rear		ventilated disc	ventilated disc	ventilated disc
Brake diameter, front/rear	mm	348/345	348/345	348/345

Performance		745i	745Li	760Li
Drag coefficient	C ^d	0.29	0.29	0.29
Top speed ²	km/h	240	240	240
Acceleration 0-100 km/h	sec	6.2	6.2	5.7

Wheels		745i	745Li	760Li
Tire dimensions		245/50R-18	245/50R-18	245/45R-19, 275/40R-19
Rim dimensions		8 J x 18	8 J x 18	9.0/10.0J19
Material		Light alloy	Light alloy	Light alloy

Fuel Consumption³		745i	745Li	760Li
City	ltr/100 km	13.1	13.1	16.1
Highway	ltr/100 km	8.3	8.3	9.6
Combined	ltr/100 km	10.7	10.7	12.9
Tank capacity, approx.	L	88	88	88



All dimensions of drawings in millimetres. Figures in [] apply to the 745Li and 760Li.

¹ Available exclusively with automatic transmission.

² Electronically limited.

³ NR-Can-estimated figures are for comparison purposes only. Your actual mileage will vary, depending on speed, driving habits, trip lengths and driving conditions. Fuel consumption is determined on cars with standard equipment. Special equipment such as wider tires may have a significant influence on fuel consumption.

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