

BMW of North America, Inc.

IMMEDIATE

Robert D. Mitchell
Product Communications Manager
201-307-3790 / rob.mitchell@bmwna.com

David J. Buchko
Product Communications Specialist
201-307-3789 / dave.buchko@bmwna.com

2001 BMW 5 SERIES V-8 MODELS STANDARD & OPTIONAL FEATURES

Bold within table indicates new feature for 2001.

PERFORMANCE & EFFICIENCY

	540i sedan Automatic	540i sedan 6-Speed	540i sport wagon
4.4-liter DOHC (4-cam) 32-valve V-8 engine with Double VANOS ¹ steplessly variable valve timing	S	S	S
Aluminum block & cylinder head(s)	S	S	S
Electronically controlled engine cooling	S	S	S
Direct ignition system with knock control	S	S	S
Liquid-cooled alternator	S	S	S

S – Standard NA – Not available or not applicable

¹ – VANOS = **V**ARIABLE **N**OCKENWELLEN **S**TEUERUNG = variable camshaft control, or variable valve timing.

PERFORMANCE & EFFICIENCY (cont.)

	540i sedan Automatic	540i sedan 6-Speed	540i sport wagon
6-speed manual transmission	NA	S	NA
5-speed electronically controlled automatic transmission with Adaptive Transmission Control:			
Selectable Sport mode	S	NA	NA
STEPTRONIC ² & selectable sport mode	SP	NA	S
High-stall-speed torque converter	SP	NA	S
Performance final drive ratio	SP	S	S

HANDLING, RIDE & BRAKING

Aluminum double-pivot strut-type front suspension	S	S	S
Aluminum 4-link integral rear suspension	S	S	S
Front & rear anti-roll (stabilizer) bars	S	S	S
Rear subframe on 4 mounts, with acoustically decoupled mounting of final drive (differential)	S	S	S
Twin-tube gas-pressure shock absorbers	S	S	S
Self-leveling rear suspension with air springs	NA	NA	S
Sport suspension calibration	SP	S	SP
Engine-speed-sensitive variable-assist power steering	S	S	S

S – Standard OPT – Optional NA – Not available or not applicable SP – Sport Package

² – BMW's system of manual shift control for an automatic transmission; includes selectable Sport mode.

HANDLING, RIDE & BRAKING (cont.)	540i sedan Automatic	540i sedan 6-Speed	540i sport wagon
4-wheel ventilated disc brakes	S	S	S
Antilock braking system (ABS)	S	S	S
All Season Traction	S	S	S
Dynamic Stability Control (includes Dynamic Brake Control)	S	S	S
16 x 7.0 Radial Spoke cast-alloy wheels	S	NA	S
17 x 8.0 Radial cast-alloy wheels	NA	NA	SP
17 x 8.0 front / 17 x 9.0 rear Radial cast-alloy wheels	SP	S	NA
17 x 8.0 front / 17 x 9.0 rear M Parallel Spoke cast-alloy wheels	OPT ³	OPT	NA
225/55R-16 95H all-season tires	S	NA	S
235/45R-17 94W performance tires	SP	S	SP
235/45R-17 W front / 255/40R-17 94W rear performance tires	SP	S	NA

EXTERIOR & AERODYNAMICS

Body-color bumpers with hydraulic energy absorbers & front deformable elements	S	S	S
Xenon low-beam headlights with dynamic auto-leveling	S	S	S
High-pressure liquid headlight cleaning system	CWP	CWP	CWP

S – Standard OPT – Optional NA – Not available or not applicable CWP – Cold Weather Package SP – Sport Package

³ – Require Sport Package.

EXTERIOR & AERODYNAMICS (cont.)

	540i sedan Automatic	540i sedan 6-Speed	540i sport wagon
Daytime Running Lamps	S ⁴	S ⁴	S ⁴
Halogen Free Form foglights	S	S	S
Park Distance Control (front & rear)	OPT	OPT	OPT
Rain-sensing windshield wipers with articulated right-side wipers, articulated right-side wiper, single-wipe control, windshield-washer system with heated washer jets	S	S	S
Body-color side moldings with chrome accent	S	S	S
Rear-window wiper/washer	NA	NA	S
Roof rails (accommodate various BMW roof carrier systems)	NA	NA	S
Choice of standard or metallic paint	NC	NC	NC
High-gloss Shadowline exterior trim	SP	S	SP

ERGONOMICS, LUXURY & CONVENIENCE

Vehicle & Key Memory	S	S	S
Keyless entry with multi-function remote control	S	S	S
Selective unlocking	S ⁴	S ⁴	S ⁴
Remote trunk or tailgate release	S	S	S

S – Standard OPT – Optional NC – No charge NA – Not available or not applicable SP – Sport Package

⁴ – Selectable via Vehicle Memory System (programming by BMW Center).

ERGONOMICS, LUXURY & CONVENIENCE (cont.)	540i sedan Automatic	540i sedan 6-Speed	540i sport wagon
Dual power/heated outside mirrors	S	S	S
Automatic tilt-down of right outside mirror for visibility of curb when backing up	S	S	S
Automatic-dimming inside rearview mirror	S	S	S
BMW Universal Transceiver (garage-door opener)	S	S	S
Courtesy lights with fade-in/fade-out feature, actuation from remote, automatic switch-on when engine is turned off	S	S	S
BMW Ambiance Lighting	S	S	S
Front & rear reading lights, separately controlled left/right	S	S	S
Lockable glove compartment w/recharging take-out flashlight	S	S	S
Power tilt/telescopic leather steering wheel with fingertip cruise, audio & phone ⁵ controls:			
385 mm/4 spokes (new design)	S	NA	S
375 mm/3 spokes (new design with double lower spoke)		SP	S SP ³
Heated steering wheel	OPT ⁶	OPT ⁶	OPT ⁶
10-way power front seats with power head restraints	S	NA	S
12-way power sports seats with adjustable thigh support	SP	S	SP

S – Standard OPT – Optional NA – Not available or not applicable SP – Sport Package

⁵ – BMW Cellular Phone System Center-installed.

⁶ – Requires Cold Weather Package.

ERGONOMICS, LUXURY & CONVENIENCE (cont.)	540i sedan Automatic	540i sedan 6-Speed	540i sport wagon
4-way power lumbar support, both front seats ⁷	OPT	OPT	OPT
16-way Comfort front seats with articulated upper backrests	OPT	OPT	OPT
Memory system for driver's seat & safety-belt height, steering wheel & outside mirrors (3 settings)	S	S	S
3-stage heated front seats	CWP	CWP	CWP
Front center armrest with provision for phone installation	S	S	S
Electronic analog speedometer & tachometer	S	S	S
LCD main & trip odometers	S	S	S
Service Interval Indicator	S	S	S
Check Control vehicle monitor with alphanumeric display	S	S	S
Analog fuel-economy indicator	S	S	S
Outside-temperature display	S	S	S
Multi Information Display incorporating audio, phone controls, premium Onboard Computer	S	S	S
BMW Onboard Navigation System	OPT	OPT	OPT
Leather shift knob, handbrake grip & handbrake boot	S	S	S
Montana leather upholstery (seating & doors)	S	S	S
High-gloss genuine Burl Walnut interior trim	S	S	S

S – Standard OPT – Optional CWP – Cold Weather Package

⁷ – Not available in combination with sport seats.

ERGONOMICS, LUXURY & CONVENIENCE (cont.)	540i sedan Automatic	540i sedan 6-Speed	540i sport wagon
Power windows with key-off operation; 1-touch opening & closing of all windows, anti-trapping feature, opening from remote, closing & opening from exterior door lock	S	S	S
Automatic climate control with separate left/right temperature settings, automatic recirculation control & solar sensor	S	S	S
Activated-charcoal microfilter ventilation (dual filters)	S	S	S
Automatic ventilation system (can be programmed to ventilate interior while car is standing)	S	S	S
2-way power moonroof with key-off & 1-touch opening & closing, anti-trapping feature, opening from remote, opening & closing from exterior door lock, sliding interior sunshade	S	S	S
Anti-theft AM/FM stereo radio/cassette audio system with 10 speakers, Radio Data System (RDS), 4-channel FM diversity antenna system	S	S	S
Anti-theft AM/FM stereo radio/cassette audio system with Digital Sound Processing (DSP) ⁸ :			
12 speakers including 2 subwoofers	OPT	NA	OPT
11 speakers including 1 band-pass subwoofer	NA	OPT	NA

S – Standard OPT – Optional NA – Not available or not applicable

⁸ – Includes all features of standard audio system.

ERGONOMICS, LUXURY & CONVENIENCE (cont.)	540i sedan Automatic OPT	540i sedan 6-Speed OPT	540i sport wagon OPT
In-dash single-disc CD player			
Pre-wiring for CD changer	S	S	S
6-disc CD changer	C	C	C
Pre-wiring for BMW Cellular Phone System	S	S	S
BMW Cellular Phone System	C	C	C
Front cupholders	S	S	S
Coinholder	S	S	S
Dual front sun visors with illuminated mirrors	S	S	S
Open storage compartments in front & rear doors	S	S	S
Rear center armrest	S ⁹	S	S
Closeable seatback storage compartments	S	S	S
Split folding rear seats	S (lockable)	S (lockable)	S
Ski bag	OPT ¹⁰	OPT ¹⁰	NA
Power-operated rear-window sunshade & manual rear side-window sunshades	OPT	OPT	NA
Manual rear side-window sunshades	NA	NA	OPT
Rear-window defroster	S	S	S

S – Standard OPT – Optional NA – Not available or not applicable C- BMW center installed

⁹ – Includes storage compartment when vehicle is not equipped with folding seats.

¹⁰ – Included with optional folding seats.

ERGONOMICS, LUXURY & CONVENIENCE (cont.)	540i sedan Automatic	540i sedan 6-Speed	540i sport wagon
Interior trunk or tailgate release, electrically operated	S	S	S
Fully finished trunk or cargo area with luggage straps & drop-down toolkit	S	S	S
Retractable cargo cover	NA	NA	S
Retractable/removable luggage net with variable positioning	NA	NA	S
Concealed storage under cargo floor & each side of cargo area	NA	NA	S
Full-use spare wheel & tire	S ¹¹	S ¹¹	S
SAFETY & SECURITY			
Dual front-impact airbag Supplementary Restraint System (SRS) with dual-threshold deployment & 2-stage airbags (Smart Airbags)	S	S	S
Front safety belts with automatic height adjustment, automatic tensioners & force limiters	S	S	S
Automatic-locking retractors (ALR) on all passenger safety belts (for installation of child restraint seats)	S	S	S
Interlocking door anchoring system for side impacts	S	S	S
Front-seat Head Protection System (HPS)	S	S	S

S – Standard NA – Not available or not applicable

¹¹ – With Sport Package & on 6-Speed model, spare wheel & tire correspond to front wheels & tires.

SAFETY & SECURITY (cont.)

	540i sedan Automatic	540i sedan 6-Speed	540i sport wagon
Front-seat side-impact airbags	S	S	S
Rear-seat side-impact airbags ¹²	NA	NA	OPT
Rear-seat side-impact airbags & head protection ¹²	OPT	OPT	NA
Integrated deployment logic for safety-belt tensioners, airbags & post-impact safety measures	S	S	S
Battery Safety Terminal	S	S	S
Central locking system with double-lock anti-theft feature, 2-step unlocking ⁴	S	S	S
Coded Driveaway Protection	S	S	S
Pathway Lighting	S ⁴	S ⁴	S ⁴
Alarm system with operation from keyhead remote, interior motion detector	S	S	S

S – Standard OPT – Optional NA – Not available or not applicable

¹² – Special order.