

BMW Canada Inc. Product Guide 2010



5 Series

528i
528i xDrive
535i xDrive
550i



The Ultimate
Driving Experience®

2010 - 5 Series Sedan

Technical Specifications

	528i Sedan	528i xDrive Sedan	535i xDrive Sedan	550i Sedan
Dimensions (mm)				
Length/Width/Height	4854 / 1846 / 1466	4854 / 1846 / 1482	4854 / 1846 / 1482	4854 / 1846 / 1468
Wheelbase	2888		2888	2888
Turning circle (m)	11.4	11.9	11.9	11.4
Track, front/rear	1558 / 1581		1558 / 1581	1558 / 1581
Interior width, front/rear	1456 / 1452		1456 / 1452	1456 / 1452
Headroom, front/rear	993 / 967		993 / 967	993 / 967
Luggage capacity (L)	520		520	520
Leg room, front/rear	1054 / 914		1054 / 914	1054 / 914
Fuel capacity (L)	70		70	70

Weight (kg)				
Curb weight, man/auto	1590 / 1620	1710 / 1730	1770 / 1790	1790 / 1800
Weight distribution, front, man/auto (%)	50.3 / 49.7	48.2 / 48.0	46.9 / 46.6	48.6 / 48.3
Weight distribution, rear, man/auto (%)	49.7 / 50.3	51.8 / 52.0	53.1 / 53.4	51.4 / 51.7
Max. gross weight, man/auto	2090 / 2120	2195 / 2215	2270 / 2290	2290 / 2300
Max. payload	500		500	500
Max. axle load, front/rear	1010 / 1180	1050 / 1200	1050 / 1200	1120 / 1240
Max. roof load	100		100	100

Engine				
Type	DOHC I-6 24V	Twin Turbo DOHC I-6 24V	DOHC V8 32V	
Engine management system	Siemens MSV80	Siemens MSD80	Motronic ME9	
Displacement (cm ³)	2996	2979	4799	
Bore and stroke (mm)	85.0 x 88.0	84.0 x 89.6	93.0 x 88.3	
Power (SAE hp @ rpm)	230 @ 6500	300 @ 5800	360 @ 6300	
Torque (lb/ft @ rpm)	200 @ 2750	300 @ 1400	360 @ 3400	
Compression ratio	10.7	10.2	10.5	
Fuel grade	Premium unleaded	Premium unleaded	Premium unleaded	



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Drivetrain				
Drive configuration	Front engine		Front engine	Front engine
	Rear drive	xDrive AWD	xDrive AWD	Rear drive
Transmission type	6-M/6-A		6-M/6-A	6-M/6-A
Gear ratios, man/auto				
- 1 st	4.32 / 4.17	4.35 / 4.17	4.05 / 4.17	4.06 / 4.17
- 2 nd	2.46 / 2.34	2.50 / 2.34	2.39 / 2.34	2.40 / 2.34
- 3 rd	1.66/1.52	1.67 / 1.52	1.58 / 1.52	1.58 / 1.52
- 4 th	1.23 / 1.14	1.23 / 1.14	1.19 / 1.14	1.19 / 1.14
- 5 th	1.00 / 0.87	1.00 / 0.87	1.00 / 0.87	1.00 / 0.87
- 6 th	0.85 / 0.69	0.85 / 0.69	0.87 / 0.69	0.87 / 0.69
- Reverse	3.94 / 3.40	3.93 / 3.40	3.68 / 3.40	3.68 / 3.40
- Final drive ratio	3.38 / 3.73	3.46 / 3.91	3.08 / 3.46	2.93 / 3.38

Body / Suspension				
Steering Type	Rack & Pinion		Rack & Pinion	Rack & Pinion
Steering Ratio	13.7		13.7	13.7
Braking system	4 channel ABS		4 channel ABS	4 channel ABS
Front brake type / diameter (mm)	Ventilated disc / 324		Ventilated disc / 348	Ventilated disc / 348
Rear brake type / diameter (mm)	Ventilated disc / 320		Ventilated disc / 345	Ventilated disc / 345
Suspension, front	Double pivot strut type		Double pivot strut type	Double pivot strut type
Suspension, rear	Integral 4-link		Integral 4-link	Integral 4-link
Drag coefficient, man/auto	0.29/0.28		0.31/0.31	0.29
Tire size, front	225/50 R 17		225/50 R 17	245/35 R 19
Wheel size, front	7.5J x 17		7.5J x 17	8.5J x 19
Tire size, rear	225/50 R 17		225/50 R 17	275/30 R 19
Wheel size, rear	7.5J x 17		7.5J x 17	9.5J x 19

Electrical				
Battery capacity (amp-hrs)	110		110	110
Alternator output (amps/watts)	180 / 2520		180 / 2520	180 / 2520

Performance				
Top speed, electronically limited (km/h)	240		240	240
Acceleration 0-100 km/h, man/auto (sec.)	6.9 / 7.6	7.6 / 8.1	5.8 / 6.0	5.6 / 5.7

Fuel Consumption*				
City, man/auto (L/100km)	11.1 / 11.4	12.3 / 11.9	12.6 / 12.3	13.9 / 13.4
Highway, man/auto (L/100km)	7.0 / 7.2	7.6 / 7.9	8.0 / 7.9	9.1 / 8.5
Combined, man/auto (L/100km)	9.3 / 9.5	10.2 / 10.1	10.5 / 10.3	11.7 / 11.2

*based on MY08 Transport Canada test parameters



2010 - 5 Series Sedan

Features & Amenities

	528i Sedan	528i xDrive Sedan	535i xDrive Sedan	550i Sedan
Technical				
Inline 6-cylinder engine, 24 valves, 3.0 L, 230hp	■			
Inline 6-cylinder engine, 24 valves, 3.0 L, 300hp			■	
V-8 engine, 32 valves, 4.8 L, 360hp				■
Twin Turbochargers			■	
6-speed automatic transmission	■		■	
6-speed sport automatic transmission with shift paddles				■
Servotronic, vehicle speed-sensitive power steering	■		■	■
Electronically controlled engine cooling	■		■	■
xDrive, all-wheel-drive system with variable torque split		■	■	
Front and rear anti-roll (stabilizer) bars	■		■	■
Fully electronic "drive-by-wire" throttle system	■		■	■
M Sport suspension				■
M Sport exhaust system				■
Compact spare tire	■		■	■
Vented disc brakes, front & rear	■		■	■
Self-adjusting clutch (SAC)	■		■	■
Start/Stop button	■		■	■
Efficient Dynamics				
Valvetronic engine technology	■			■
Lightweight aluminum/steel body	■		■	■
Low-weight aluminum front end	■		■	■
High Precision Injection (direct injection)			■	■
Double VANOS steplessly variable valve timing	■		■	■
Lighting				
Adaptive Brakelights	■		■	■
Adaptive Headlights			■	■
Automatic Headlights	■		■	■
Halogen free-form foglights	■		■	■
Headlight Washers		■	■	■
Third brake light integrated into rear window	■		■	■
Xenon headlights, low and high-beam with luminous corona rings	■		■	■
Active Safety				
Dynamic Stability Control (DSC/DSC-X), with extended functionality	■		■	■
- Automatic Differential Brake (ADB-X), included in DSC-X		■	■	
- Dynamic Brake Control (DBC), included in DSC/DSC-X	■		■	■
- Dynamic Traction Control (DTC), included in DSC/DSC-X			■	■
- Electronic Brake force distribution (EBD)	■		■	■
- Hill Descent Control (HDC), included in DSC-X		■	■	
Anti-Lock Braking System (ABS)	■		■	■
Car/Key memory	■		■	■
Follow-me-home function	■		■	■
Heated exterior mirrors, electrically adjustable	■		■	■
Heated windshield washer jets	■		■	■
Park Distance Control	□		□	■
Tire pressure warning	■		■	■
Rain sensing windshield wipers, vehicle speed-sensitive	■		■	■
Airbags				
Advanced Head Protection System (AHPS), front and rear	■		■	■
Front airbags for driver and passenger, including occupant detector	■		■	■
Side thorax airbags for driver and front passenger	■		■	■
SMART airbag deployment system	■		■	■
Passive Safety				
Active front headrests	■		■	■
Battery Safety Terminal (BST)	■		■	■
Collapsible tube crash technology	■		■	■
Crash sensor (incl. fuel cutoff, lights on and door unlock)	■		■	■
Crumple zones front & rear	■		■	■
Interlocking door anchoring system	■		■	■
Rear headrests (3), outer positions adjustable	■		■	■
Rear 3-point centre safety belt	■		■	■
Safety belt force limiters	■		■	■
Safety belt pyrotechnical tensioning system front	■		■	■
Side impact protection door reinforcements	■		■	■
Vehicle Protection				
Alarm system with interior motion sensor	■		■	■
Central remote locking, including fuel filler door	■		■	■
Coded driveway protection	■		■	■
Multi-function remote control, self-charging	■		■	■

■ Standard □ Optional

All specifications subject to change without prior notice.

2010 - 5 Series Sedan

Features & Amenities

	528i Sedan	528i xDrive Sedan	535i xDrive Sedan	550i Sedan
Exterior Features				
Exterior				
Auto-dimming exterior mirrors, power folding	■	■	■	■
Comfort Access	□	■	■	■
Exterior mirrors in body colour, blue tinted	■	■	■	■
Front chrome grille with chrome-plated kidney bars	■	■	■	■
M Aerodynamic package		□	■	■
Matte black shadow line		□	■	■
Metallic or non-metallic paint	■	■	■	■
Side window frame trim, chrome-plated	■	■	■	□
Twin exhaust tips, chrome-plated	■	■	■	■
White turn signal indicator lenses	■	■	■	■
Comfort & Convenience				
Anthracite Roofliner			□	■
Armrest, centre front with storage and climate controlled	■	■	■	■
Armrest, centre rear with storage	■	■	■	■
Auto-dimming interior mirror	■	■	■	■
BMW ambiance lighting	■	■	■	■
Central lock switch	■	■	■	■
Cruise Control	■	■	■	■
Cupholders, integrated in front fascia and rear armrest	■	■	■	■
Door entry sills with "BMW", chrome-plated	■	■	■	■
Door entry sills with "M", chrome-plated			□	■
Electrically adjustable seats with driver memory	■	■	■	■
Front seatback storage nets	■	■	■	■
Fully finished trunk with tool kit	■	■	■	■
Glass sunroof, electrically adjustable	■	■	■	■
Heated steering wheel	■	■	■	■
Interior electric trunk release	■	■	■	■
Universal garage door opener	□		□	■
Lights package; includes door handle, front footwell and entry lights	■	■	■	■
Lumbar support for driver and front passenger, power 4-way	□		□	■
Multi-function leather steering wheel, 3-spoke				□
Multi-function leather sport steering wheel, 3-spoke	□		■	
M Multi-function leather sport steering wheel, 3-spoke			□	■
Sun visors with illuminated vanity mirrors, including slide cover	■	■	■	■
Tilt/telescopic steering wheel, power with auto tilt-up	■	■	■	■
Through load with Ski Bag	■	■	■	■
Window lifts electric, anti-trap and comfort open/close	■	■	■	■
12 V socket in luggage compartment	■	■	■	■
Seating				
Front seats, 10-way power adjustable including headrest	■	■	■	□
Front sport seats, 10-way power adjustable including headrest				■
Heated front seats, 3 stage	■	■	■	■
Upholstery: Leatherette	■	■	■	■
Upholstery: Dakota Leather	□		■	■
Climate Control				
Dual zone automatic climate control with micro filter & solar sensor	■	■	■	■
Automatic air recirculation function	■	■	■	■
Residual heat and max A/C functions	■	■	■	■
Entertainment				
Anti-theft AM/FM tuner with RDS	■	■	■	■
Auxiliary input, in front armrest storage compartment	■	■	■	■
CD player, in-dash with MP3 capability	■	■	■	■
HiFi 10-speaker sound system, including 2 subwoofers	■	■	■	■
Pre-wiring for SIRIUS Satellite Radio Tuner	■	■	■	■
4-channel FM diversity antenna system	■	■	■	■

■ Standard □ Optional

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Features & Amenities

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Communication				
Bluetooth® Wireless Technology	■	■	■	■
BMW Assist with 1 year Safety and Security subscription	■	■	■	■
- Advanced Automatic Collision Notification	■	■	■	■
- BMW TeleServices	□	□	□	■
- Customer Relations Function	■	■	■	■
- Destination Download (Advanced Concierge)	■	■	■	■
- Emergency Request	■	■	■	■
- Enhanced BMW Roadside Assistance	■	■	■	■
- Google MyInfo Send-To-Car	■	■	■	■
- Remote Door Unlock	■	■	■	■
- Stolen Vehicle Recovery	■	■	■	■
Navigation System, hard drive based	□	□	□	■
Voice Control, including telephone, navigation and audio functions	□	□	□	■
Instrumentation				
Check control vehicle monitor system, extended functions	■	■	■	■
Condition Based Service (CBS) display, integrated in iDrive	■	■	■	■
iDrive system	■	■	■	■
On-board computer, 8 functions	■	■	■	■
Six programmable memory keys	■	■	■	■

■ Standard □ Optional

2010 - 5 Series Sedan

Wheels & Tires

	Standard	M Sport Package	Optional
528i	 <p>Double Spoke - Style 278 7.5J x 17 225/50 R 17 All Season Tires</p>		
528i xDrive	 <p>Double Spoke - Style 278 7.5J x 17 225/50 R 17 All Season Tires</p>		
535i xDrive	 <p>V-Spoke - Style 277 7.5J x 17 225/50 R 17 All Season Tires</p>	 <p>M Double Spoke - Style 135M 8.0J x 18 245/40 R 18 Performance Run-Flat Tires Not recommended for Winter use</p>	
550i	 <p>M Double Spoke - Style 172M 8.5J x 19 front / 9.5J x 19 rear 245/35 R 19 front / 275/30 R 19 rear Performance Tires Not recommended for Winter use</p>		 <p>V-Spoke - Style 245 8J x 17 225/50 R 17 All Season Tires</p>

2010 - 5 Series Sedan

Paint, Upholstery & Trims

Model	Upholstery	Colour	Standard Seat	Sport Seat	Comfort Seat	Key Number	Metallic Paint						Non-Metallic Paint	Interior Trim		
							Titanium Silver	Le Mans Blue (1)	Carbon Black (1)	Black Sapphire (2)	Monaco Blue (2)	Space Grey	Alpine White	Poplar Grain High-Gloss	BMW Individual Piano Black Trim (3)	Anthracite Bamboo
							354	381	416	475	A35	A52	300	438	XE7	4BY
5 Series (All)	Dakota Leather	Cream Beige	X	X	X	LCGE	-	-	X	X	X	X	X	S	O	O
		Natural Brown	X	X	X	LCNG	X	-	X	X	X	X	X	S	O	O
		Black	X	X	X	LCSW	X	X	X	X	X	X	X	S	O	O

(1) Only with M Sport Package

(2) Not with M Sport Package. Only with M Sport Package Deletion on 550i

(3) Standard for 550i. Only available on 550i

X = Perfect Match

S = Standard

O = Optional

N/A = Not Available

2010 - 5 Series Sedan

Colour linked parts

	Dakota Leather		
	Cream Beige LCGE	Natural Brown LCNG	Black LCSW
Seat centre parts	Cream Beige ^L	Natural Brown ^L	Black ^L
Seat side panels	Cream Beige ^L	Natural Brown ^L	Black ^L
Headrests	Cream Beige ^L	Natural Brown ^L	Black ^L
Rear of seat back	Cream Beige	Natural Brown	Black
Seat rail covers	Cream Beige	Black	Black
Door panels	Cream Beige	Black	Black
Inserts in door panels	Cream Beige	Natural Brown	Black
Instrument panel upper trim section	Black	Black	Black
Instrument panel lower trim section	Cream Beige	Black	Black
Centre armrest	Cream Beige ^L	Natural Brown ^L	Black ^L
Centre console	Cream Beige ^L	Natural Brown ^L	Black ^L
Gearshift lever/selector lever spider	Chrome pearl-gloss	Chrome pearl-gloss	Chrome pearl-gloss
Gearshift lever gaiter	Cream Beige ^L	Natural Brown ^L	Black ^L
Handbrake lever gaiter	Cream Beige ^L	Natural Brown ^L	Black ^L
Floor carpet	Cream Beige	Black	Black
Roof liner	Cream Beige	Sky Grey	Sky Grey
Sun Visors	Cream Beige	Sky Grey	Sky Grey

^L - Items in Leather

Model Code	Car Model	Retail	Restrictions
NU53	528i with 6 Speed Automatic Transmission	\$56,200	Start Date 03/09

Option Code	Packages	Retail	Restrictions
ZCA	Executive Edition Package	\$3,700	MANDATORY PACKAGE
255	3 Spoke Leather Sport Steering Wheel		
322	Comfort Access		
508	Park Distance Control		
609	BMW On-Board Navigation		
620	Voice Control		
655	SIRIUS Satellite Radio Tuner		
6FL	USB Audio Integration		
CODE	Dakota Leather Upholstery		

Option Code	Optional Equipment	Retail	Restrictions
CODE	Metallic Paint	No Charge	
CODE	Dakota Leather	No Charge	
ZCG	6 Speed Manual Transmission	No Charge	
4BY	Anthracite Bamboo Trim	No Charge	
ZSP	Special Orders	\$400	
	Administrative fee for ordering special colours, interiors or equipment.		

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RETAILERS MAY SELL FOR LESS

Model Code	Car Model	Retail	Restrictions
NV13	528i xDrive with 6 Speed Automatic Transmission	\$58,800	Start Date 03/09

Option Code	Packages	Retail	Restrictions
ZCA	Executive Edition Package	\$3,700	MANDATORY PACKAGE
255	3 Spoke Leather Sport Steering Wheel		
322	Comfort Access		
508	Park Distance Control		
609	BMW On-Board Navigation		
620	Voice Control		
655	SIRIUS Satellite Radio Tuner		
6FL	USB Audio Integration		
CODE	Dakota Leather Upholstery		

Option Code	Optional Equipment	Retail	Restrictions
CODE	Metallic Paint	No Charge	
CODE	Dakota Leather	No Charge	
ZCG	6 Speed Manual Transmission	No Charge	
4BY	Anthracite Bamboo Trim	No Charge	
ZSP	Special Orders	\$400	
	Administrative fee for ordering special colours, interiors or equipment.		

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Model Code	Car Model	Retail	Restrictions
NV93	535i xDrive with 6 Speed Automatic Transmission	\$68,900	Start Date 03/09

Option Code	Packages	Retail	Restrictions
ZCB	Executive Edition Package	\$3,500	MANDATORY PACKAGE without M Sport Edition Package
319	Universal Garage Door Opener		
456	Comfort Seats		
508	Park Distance Control		
609	BMW On-Board Navigation		
620	Voice Control		
655	SIRIUS Satellite Radio Tuner		
6FL	USB Audio Integration		
752	BMW Individual Audio System with Dirac Live™		
ZCC	M Sport Edition Package	\$5,600	MANDATORY PACKAGE without Executive Edition Package
319	Universal Garage Door Opener		
337	M Sport Package		
	M Aerodynamic Package; M Multi-Function Leather Sport Steering Wheel		
	Anthracite Roof Liner; Matte Black Shadow Line		
	18" M Double-Spoke Alloy Wheels - 135M		
	Performance Run-Flat Tires: 245/40 R 18		
456	Comfort Seats		
508	Park Distance Control		
609	BMW On-Board Navigation		
620	Voice Control		
655	SIRIUS Satellite Radio Tuner		
6FL	USB Audio Integration		
752	BMW Individual Audio System with Dirac Live™		

Option Code	Optional Equipment	Retail	Restrictions
CODE	Metallic Paint	No Charge	
CODE	Dakota Leather	No Charge	
ZCG	6 Speed Manual Transmission	No Charge	
4BY	Anthracite Bamboo Trim	No Charge	
ZSP	Special Orders	\$400	
	Administrative fee for ordering special colours, interiors or equipment.		

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Model Code	Car Model	Retail	Restrictions
NW53	550i with 6 Speed Sport Automatic Transmission with Shift Paddles	\$80,400	Start Date 03/09

Option Code	Packages	Retail	Restrictions
ZCD	M Sport Edition Package	\$3,300	MANDATORY PACKAGE. Includes standard M Sport Package
415	Manual Side Sunshades		
416	Electric Rear Sunshade		
456	Comfort Seats		
496	Heated Seats Rear		
610	Head-Up Display		
655	SIRIUS Satellite Radio Tuner		
6FL	USB Audio Integration		
752	BMW Individual Audio System with Dirac Live™		
XE7	BMW Individual Piano Black Trim		

Option Code	Optional Equipment	Retail
CODE	Metallic Paint	No Charge
CODE	Dakota Leather	No Charge
ZCV	Delete BMW Individual Piano Black Trim	No Charge
ZCG	6 Speed Manual Transmission	No Charge
ZWS	M Sport Package Deletion	No Charge
	Includes: 17" V-Spoke Alloy Wheels - Style 245	
	All Season Tires: 225/50 R17	
ZSP	Special Orders	\$400
	Administrative fee for ordering special colours, interiors or equipment.	

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