

BMW Canada Inc.

Product Guide 2010



6 Series

650i Coupé
650i Cabriolet



The Ultimate
Driving Experience®

2010 - 650i Coupé & Cabriolet

Technical Specifications

	650i Coupé	650i Cabriolet
Dimensions (mm)		
Length/Width/Height	4831 / 1855 / 1374	4831 / 1855 / 1373
Wheelbase	2780	
Turning circle (m)	11.4	
Track, front/rear	1558 / 1596	
Interior width, front/rear	1432 / 1254	
Headroom, front/rear	956 / 905	959 / 926
Luggage capacity (L)	450	300-350
Leg room, front/rear	1067 / 765	1067 / 737
Fuel capacity (L)	70	

Weight (kg)		
Curb weight, auto	1730	1940
Weight distribution, front (%)	52.6	49.0
Weight distribution, rear (%)	47.4	51.0
Max. gross weight	2110	2290
Max. payload	380	350
Max. axle load, front/rear	1060 / 1130	1090 / 1260
Max. roof load	N/A	

Engine		
Type	DOHC V8 32V	
Engine management system	Motronic ME9	
Displacement (cm³)	4799	
Bore and stroke (mm)	93.0 x 88.3	
Power (SAE hp @ rpm)	360 @ 6300	
Torque (lb/ft @ rpm)	360 @ 3400	
Compression ratio	10.5	
Fuel grade	Premium unleaded	



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Technical Specifications

	650i Coupé	650i Cabriolet
Drivetrain		
Drive configuration	Front engine Rear-wheel drive	Front engine Rear-wheel drive
Transmission type	6-M / 6-A	
Gear ratios, man/auto (:1)		
- 1st	4.06 / 4.17	
- 2nd	2.40 / 2.34	
- 3rd	1.58 / 1.52	
- 4th	1.19 / 1.14	
- 5th	1.00 / 0.87	
- 6th	0.87 / 0.69	
- Reverse	3.68 / 3.40	3.77 / 3.40
- Final drive ratio	3.46	

Body / Suspension		
Steering type	Rack & Pinion	
Steering ratio	14.4	
Braking system	4 channel ABS	
Front brake type / diameter (mm)	Ventilated disc / 348	
Rear brake type / diameter (mm)	Ventilated disc / 345	
Suspension, front	Aluminum double pivot strut-type	
Suspension, rear	Integral 4-link	
Drag coefficient	0.30	0.31
Tire size, front	245/40 R 19	
Wheel size, front	8.5J x 19	
Tire size, rear	275/35 R 19	
Wheel size, rear	9.0J x 19	

Electrical		
Battery capacity (amp-hrs)	110	
Alternator output (amps/watts)	170 / 2380	

Performance		
Top speed, electronically limited (km/h)	240	
Acceleration 0-100 km/h, man/auto (sec.)	5.5 / 5.6	5.8 / 5.9

Fuel Consumption*		
City, man/auto (L/100km)	13.9/ 13.5	15.0 / 14.0
Highway, man/auto (L/100km)	9.1 / 8.5	9.6 / 8.7
Combined, man/auto (L/100km)	11.7 / 11.3	12.6 / 11.6

*based on MY09 figures

2010 - 650i Coupé & Cabriolet

Features & Amenities

		650i Coupé	650i Cabriolet
Technical Features	Technical		
	V8 engine, 32-valves, 4.8L, 360hp		■
	6-speed manual transmission		■
	Driving Dynamic Control (DDC)		■
	Dynamic Drive (Active Roll Stabilization)		■
	Electronically controlled engine cooling		■
	Front and rear anti-roll (stabilizer) bars		■
	Fully electronic "drive-by-wire" throttle system		■
	Servotronic, vehicle-speed-sensitive power steering		■
	Start/Stop button		■
	Vented disc brakes, front & rear		■
	Efficient Dynamics		
	Aluminum front end, chassis, hood and doors		■
	Double VANOS steplessly variable valve timing		■
	Sheet Moulding Compound (SMC) trunk lid		■
	Thermoplast front fenders		■
	Valvetronic engine technology		■
Safety & Protection	Lighting		
	Adaptive brake lights with LED technology		■
	Adaptive headlights		■
	Automatic headlights		■
	Cornering lights		■
	Halogen front and rear fog lights		■
	Headlight washers		■
	Third brake light integrated into trunk lid		■
	Xenon headlights, low and high-beam with corona rings		■
	Active Safety		
	Anti-Lock Braking System (ABS)		■
	Car/Key memory		■
	Dynamic Stability Control (DSC), with extended functionality		■
	- Automatic Stability Control + Traction (ASC+T)		■
	- Brake assist		■
	- Corner Brake Control (CBC)		■
	- Dynamic Brake Control (DBC)		■
	- Dynamic Traction Control (DTC)		■
	- Electronic Brake force distribution (EBD)		■
	Heated exterior mirrors, electrically adjustable		■
	Heated windshield washer jets		■
	Follow-me-home function		■
	Rain sensing windshield wipers, vehicle-speed sensitive		■
	Tire Pressure Warning (TPW)		■
	Airbags		
	SMART airbag deployment system		■
	Active knee protection airbag system, front		■
	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		■
	Passive Safety		
	Active anti-whiplash front headrests		■
	Battery Safety Terminal (BST)		■
	Collapsible tube crash technology		■
	Crash sensor (includes fuel cutoff, lights on and door unlock)		■
	Crumple zones, front and rear		■
	Interlocking door anchoring system		■
	Rear headrests (2), adjustable		■
	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

2010 - 650i Coupé & Cabriolet

Features & Amenities

		650i Coupé	650i Cabriolet
Exterior Features	Exterior		
	Auto-dimming exterior mirrors, power folding		■
	Comfort access		■
	Front ornamental grille with chrome-plated kidney bars		■
	Side window frame trim, chrome-plated		■
	Soft top (black), fully automatic	-	■
	Washer jets, chrome-plated		■
	White turn signal indicator lenses		■
Interior Features	Comfort & Convenience		
	Auto-dimming interior mirror		■
	BMW ambiance lighting		■
	Chrome Pearl-Grey interior accents		■
	Cupholders, integrated in front and rear centre console		■
	Door entry sills with "BMW", illuminated		■
	Driver memory system, 3 positions		■
	Dynamic cruise control		■
	Front centre armrest with height adjustment		■
	Glass roof, electrically adjustable tilt		■
	Glove Compartment, lockable		■
	Heated steering wheel		■
	Multi-function leather sport steering wheel, 3-spoke		■
	Storage compartment in centre console, front and rear with lid		■
	Sun visors with illuminated vanity mirrors		■
	Tilt/telescopic steering wheel, power with auto tilt-up		■
	Universal garage door opener		■
	Upholstery: Dakota Leather		■
	Upholstery: Nasca Leather centre console		■
	Seating		
	Comfort entry		■
	Front seats, 12-way power adjustable		■
	Heated front seats, 3 stage		■
	Lumbar support for driver and passenger, 4-way		■
	Rear bench with contoured individual seats		■
	Upholstery: Dakota Leather		■
	Climate Control		
	Automatic air recirculation function		■
	Dual zone automatic air conditioning with micro filter & solar sensor		■
	Entertainment		
	Anti-theft AM/FM tuner with RDS		■
	Auxiliary input, front centre console storage compartment		■
	CD player, in-dash with MP3 capability		■
	HiFi 8-speaker sound system, including 2 subwoofers		■
	Hard Disc Media Storage (12GB): Non DRM protected files (MP3, WAV, WMA and AAC/M4A)		■
	Gracenote® Media Database		■
	Pre-wiring for CD-changer		■
	Pre-wiring for SIRIUS satellite radio tuner		■
	Communication		
	Bluetooth® wireless technology		■
	BMW Assist with 1 year Safety and Security subscription		■
	- Automatic Collision Notification		■
	- Customer Relations function		■
	- Destination Download (Advanced Concierge)		■
	- Emergency Request		■
	- Enhanced BMW Roadside Assistance		■
	- MyInfo Send-To-Car (Google)		■
	- Remote Door Unlock		■
	- Stolen Vehicle Recovery		■
	- BMW TeleServices		■
	Navigation System, hard disk based		■
	Voice Control, including telephone, navigation and audio functions		■
	Instrumentation		
	Check control vehicle monitor system		■
	Condition Based Service (CBS) display		■
	iDrive with 8.8" LCD display and controller with 7 direct access keys		■
	On-board computer, 8 functions		■
	Six programmable memory keys		■

■ Standard

All specifications subject to change without prior notice.

2010 - 650i Coupé & Cabriolet

Wheels & Tires

650i Coupé & Cabriolet

Standard



Star Spoke - Style 218
8.5J x 19 front / 9.0J x 19 rear
245/40 R 19 front / 275/35 R 19 rear
Performance run-flat tires
Not recommended for winter use

Sport Package



Double Spoke - Style 288
8.5J x 19 front / 9.0J x 19 rear
245/40 R 19 front / 275/35 R 19 rear
Performance run-flat tires
Not recommended for winter use

2010 - 650i Coupé & Cabriolet

Paint, Upholstery & Trims

						Metallic Paint											Non-Metallic Paint			Interior Trim				
						Standard Seat	Sport Seat	Key Number	Titanium Silver	Carbon Black ⁵	Stratus Grey ⁶	Black Sapphire	Atlantic Blue ^{4,6}	Mineral Silver ⁶	Monaco Blue ⁶	Barbera Red ⁶	Space Grey ⁴	Deep Sea Blue	Alpine White ⁴	Imola Red ⁵	Jet Black ⁶	Ruthenium Grey Metallic ⁶	Birch, Dark	Maple, Light
Model	Upholstery	Colour				354	416	440	475	A13	A14	A35	A39	A52	A76	300	405	668	4CD	436	4BW			
650i Coupé & Cabriolet	Dakota Leather ¹	Chateau ³	X	X	LCCH	X	X	-	X	-	-	-	-	-	-	X	-	X	S	O	O			
		Cream Beige ³	X	X	LCGE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	S	O	O		
		Black	X	X	LCSW	X	X	X	X	X	X	X	X	X	X	X	X	X	X	S	O	O		
	Extended Pearl Leather ^{1,2}	Chateau ³	X	X	LECH	X	X	-	X	-	-	-	-	-	-	-	X	-	X	S	O	O		
		Saddle Brown ³	X	X	LED5	X	X	X	X	X	X	X	-	X	X	X	X	X	X	S	O	O		
		Cream Beige ³	X	X	LEGE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	S	O	O		
		Black	X	X	LESW	X	X	X	X	X	X	X	X	X	X	X	X	X	X	S	O	O		

1. Includes SunReflective Technology on 650i Cabriolet

2. Includes Black Nappa Leather Instrument Panel

3. Also possible with Grey Soft Top

4. Not with Grey Soft Top

5. Only with Sport Package

6. Not with Sport Package

X = Perfect Match

S = Standard

O = Optional

2010 - 650i Coupé & Cabriolet

Colour linked parts

	Dakota Leather			Extended Pearl Leather			
	Chateau LCCH	Cream Beige LCGE	Black LCSW	Chateau LECH	Saddle Brown LED5	Cream Beige LEGE	Black LESW
Seat centre parts	Chateau	Cream Beige	Black	Chateau	Saddle Brown	Cream Beige	Black
Seat side panels	Chateau	Cream Beige	Black	Chateau	Saddle Brown	Cream Beige	Black
Rear of seat back*	Black	Cream Beige	Black	Chateau	Saddle Brown	Cream Beige	Black
Door panels	Chateau	Cream Beige	Black	Chateau	Saddle Brown	Cream Beige	Black
Door panel inserts	Black	Black	Black	Black	Black	Black	Black
Door handles	Black	Black	Black	Black	Black	Black	Black
Armrest front and rear	Black	Black	Black	Black	Black	Black	Black
Instrument panel upper trim section*	Black	Black	Black	Black	Black	Black	Black
Instrument panel lower trim section	Black	Black	Black	Black	Black	Black	Black
Centre console	Black	Black	Black	Black	Black	Black	Black
Gearshift & Handbrake lever boot	Black	Black	Black	Black	Black	Black	Black
Floor carpet	Chateau	Cream Beige	Anthracite	Chateau	Saddle Brown	Cream Beige	Anthracite
Sun visors*	Sky Grey	Cream Beige	Sky Grey	Sky Grey	Basalt Grey	Cream Beige	Sky Grey

650i Coupé Only	Dakota Leather			Extended Pearl Leather			
Roof liner	Sky Grey	Cream Beige	Sky Grey	Sky Grey	Sky Grey	Cream Beige	Sky Grey

650i Cabriolet Only	Dakota Leather			Extended Pearl Leather			
Soft top roof liner	Soft Top Colour	Soft Top Colour	Soft Top Colour	Soft Top Colour	Soft Top Colour	Soft Top Colour	Soft Top Colour
Soft top tonneau cover	Black	Black	Black	Black	Black	Black	Black

*Items in leather with Extended Pearl Leather

Model Code	Car Model	Retail	Restrictions
EA53	650i with 6 Speed Manual Transmission	\$95,500	Start Date 04/09
Option Code	Packages	Retail	Restrictions
ZEV	Executive Package	\$6,600	
217	Active Steering		
323	Soft Close Doors		
481	Sport Seats		
508	Park Distance Control		
610	Head Up Display		
655	SIRIUS Satellite Radio Tuner		
6FL	USB Audio Integration		
752	BMW Individual Sound System with Dirac Live™		
760	High-Gloss Shadow Line		
ZUA	Technology Package	\$4,500	Only with Sport Automatic Transmission
5AD	Lane Departure Warning		
5DF	Active Cruise Control with Stop & Go		
611	Night Vision		
ZQD	Sport Package	\$3,000	Only with Executive Package
7MP	AG Sport Package		
	19" Double Spoke Alloy Wheels - Style 288		
	245/40 R19 front, 275/35 R 19 rear performance runflat tires		
	M Sport Suspension		
	Anthraccite Roofliner		
	Contoured engine compartment lid		
	Exhaust tailpipes in dark chrome		
	Exhaust system with enhanced sound characteristics		
710	M Multi-function Leather Sport Steering Wheel		
	M gear-shift knob with short shifter (only with manual transmission)		
CODE	BMW Individual Collection		
	Please refer to BMW Individual 6 Series section		
Option Code	Optional Equipment	Retail	Restrictions
CODE	Metallic Paint	No Charge	
CODE	Dakota Leather	No Charge	
CODE	Extended Pearl Leather Upholstery	\$3,600	
2TB	6 Speed Sport Automatic Transmission with STEPTRONIC	No Charge	
436	Birch Wood Trim, Dark	No Charge	
464	Ski Bag	\$390	
4BW	Maple Wood Trim, Light	No Charge	
672	Six-Disc CD Changer	\$795	
ZSP	Special Orders	\$400	
	Administrative fee for ordering special colours, interiors or equipment.		

PRICES AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE
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RETAILERS MAY SELL FOR LESS

Model Code	Car Model	Retail	Restrictions
EB53	650i Cabriolet with 6 Speed Manual Transmission	\$105,500	Start Date 04/09

Option Code	Packages	Retail	Restrictions
ZEV	Executive Package	\$6,600	
217	Active Steering		
323	Soft Close Doors		
481	Sport Seats		
508	Park Distance Control		
610	Head Up Display		
655	SIRIUS Satellite Radio Tuner		
6FL	USB Audio Integration		
752	BMW Individual Sound System with Dirac Live™		
760	High-Gloss Shadow Line		
ZUA	Technology Package	\$4,500	Only with Sport Automatic Transmission
5AD	Lane Departure Warning		
5DF	Active Cruise Control with Stop & Go		
611	Night Vision		
ZQD	Sport Package	\$3,000	Only with Executive Package
7MP	AG Sport Package		
	19" Double Spoke Alloy Wheels - Style 288		
	245/40 R19 front, 275/35 R 19 rear performance runflat tires		
	M Sport Suspension		
	Anthractive Roofliner		
	Contoured engine compartment lid		
	Exhaust tailpipes in dark chrome		
	Exhaust system with enhanced sound characteristics		
710	M Multi-function Leather Sport Steering Wheel		
	M gear-shift knob with short shifter (only with manual transmission)		
CODE	BMW Individual Collection		
	Please refer to BMW Individual 6 Series section		

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CODE	Metallic Paint	No Charge	
CODE	Dakota Leather	No Charge	
CODE	Extended Pearl Leather Upholstery	\$3,600	
2TB	6 Speed Sport Automatic Transmission with STEPTRONIC	No Charge	
389	Grey Soft Top	No Charge	
436	Birch Wood Trim, Dark	No Charge	
464	Ski Bag	\$390	
4BW	Maple Wood Trim, Light	No Charge	
672	Six-Disc CD Changer	\$795	
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