BMW Canada Inc.
Product Guide 2009



M

M5

The Ultimate
Driving Experience®

2009 - M5
Technical Specifications

	M5
Dimensions (mm)	
Length/Width/Height	4863 / 1846 / 1469
Wheelbase	2889
Turning circle (m)	12.4
Track, front/rear	1580 / 1566
Interior width, front/rear	1456 / 1452
Headroom, front/rear	993 / 967
Luggage capacity (L)	500
Leg room, front/rear	1054 / 914
Fuel capacity (L)	70

Weight (kg)	
Curb weight, man/auto	1820
Weight distribution, front (%)	52.2
Weight distribution, rear (%)	47.8
Max. gross weight	2300
Max. payload	480
Max. axle load, front/rear	1090 / 1270
Max. roof load	100

Engine	
Type	DOHC V10 40V
Engine management system	BMW MS S65
Displacement (cm^3)	4999
Bore and stroke (mm)	92.0 x 75.2
Power (SAE hp @ rpm)	500 @ 7750
Torque (lb/ft @ rpm)	383 @ 6100
Compression ratio	12.0
Fuel grade	Premium unleaded



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Technical Specifications

	M5
Drivetrain	
Drive configuration	Front engine Rear drive
Transmission type	6-M / 7-SMG
Gear ratios, man/auto	
- 1st	4.06 / 3.99
- 2nd	2.40 / 2.65
- 3rd	1.58 / 1.81
- 4th	1.19 / 1.39
- 5th	1.00 / 1.16
- 6th	0.87 / 1.00
- 7th	- / 0.83
- Reverse	3.68 / 3.99
- Final drive ratio	3.62

Body / Suspension	
Steering Type	Rack & Pinion
Steering Ratio	12.4
Braking system	4 channel ABS
Front brake type / diameter (mm)	Ventilated disc / 374
Rear brake type / diameter (mm)	Ventilated disc / 370
Suspension, front	Double pivot strut type
Suspension, rear	Integral 4-link
Drag coefficient	0.31
Tire size, front	225/40 ZR 19
Wheel size, front	8.5J x 19
Tire size, rear	285/35 ZR 19
Wheel size, rear	9.5J x 19

Electrical	
Battery capacity (amp-hrs)	90
Alternator output (amps/watts)	170 / 2380

Performance	
Top speed, electronically limited (km/h)	250
Acceleration 0-100 km/h (sec.)	4.7

Fuel Consumption	
City, man/SMG (L/100km)	19.9 / 18.4
Highway, man/SMG (L/100km)	11.9 / 11.0
Combined, man/SMG (L/100km)	16.3 / 15.1



2009 - M5
Features & Amenities

		M5
Technical Features	**Technical**	
	V10 M engine, 40 valves, 5.0L, 500hp	■
	6-speed manual transmission	■
	10 individual electronically controlled throttle butterflies	■
	Cross flow cooling system	■
	Cylinder-specific ion flow knock control	■
	Electronic Damper Control (EDC)	■
	Front and rear anti-roll (stabilizer) bars	■
	Fully electronic "drive-by-wire" throttle system	■
	Inner vented and cross-drilled disc brakes, front and rear	■
	M Mobility system	■
	M Power switch for 100hp and more progressive throttle response	■
	M Servotronic, vehicle speed-sensitive power steering	■
	M5 Specific sport suspension calibration	■
	Oil quality sensor	■
	Oil supply with lateral force control	■
	Self-adjusting clutch (SAC)	■
	Start/Stop button	■
	Tandem master brake cylinder	■
	Variable M Differential lock	■
	Efficient Dynamics	
	Light-alloy cylinder head	■
	Light-alloy special reinforced crankcase	■
	Lightweight aluminum/steel body	■
	Lightweight aluminum front end	■
	M high pressure Double VANOS steplessly variable valve timing	■
Safety & Protection	**Lighting**	
	Adaptive Brakelights	■
	Adaptive Headlights	■
	Automatic Headlamps	■
	Headlight high-pressure washer system	■
	Third brake light integrated into rear window	■
	Xenon headlights, low and high-beam with luminous corona rings	■
	Active Safety	
	Dynamic Stability Control (DSC III) with M Dynamic Mode	■
	- Dynamic Brake Control (DBC), included in DSC III	■
	- Electronic Brake force distribution (EBD)	■
	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 driveaway protection	■
	Multi-function remote control, self-charging	■

■ Standard

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Exterior Features	**Exterior**	
	Auto-dimming exterior mirrors, power folding	■
	Comfort Access	■
	Front chrome grille with chrome-plated kidney bars	■
	M Exterior mirrors in body colour with Shadowline effect, blue tinted	■
	M Front spoiler and gills in front fender	■
	M Rear apron/air diffuser and trunk lid spoiler lip	■
	M Side sills	■
	Metallic or non-metallic paint	■
	Side window frame trim, high-gloss Shadowline	■
	Two twin chrome-plated tailpipes	■
	White turn signal indicator lenses	■
Interior Features	**Comfort & Convenience**	
	Alcantara 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 "M", chrome-plated	■
	Driver Memory system, 3 positions	■
	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	■
	M 3-spoke multi-function leather steering wheel, incl. M Drive button	■
	M Shifter, illuminated	■
	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	
	M Sport seats, 12-way power adjustable (including seat width)	■
	Heated front seats, 3 stage	■
	Upholstery: Extended Merino 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	■
	6 Disc CD changer	■
	CD player, in-dash with MP3 capability	■
	LOGIC7 13-speaker sound system, including 2 subwoofers	■
	Pre-wiring for SIRIUS Satellite Radio Tuner	■
	4-channel FM diversity antenna system	■

■ Standard

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Features & Amenities

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Interior Features	**Communication**	
	Bluetooth® Wireless Technology	■
	BMW Assist with 1 year Safety and Security subscription	■
	- Advanced Automatic Collision Notification	■
	- 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, integrated in iDrive system with 8.8" display	■
	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 with M Drive Manager	■
	M instrument dials with aluminum trim	■
	On-board computer, 8 functions	■
	Six programmable memory keys	■
	Variable rpm display with warning function for engine speed	■

■ Standard

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Wheels & Tires

	Standard
M5	 M Radial Spoke - Style 166M 8.5J x 19 front/ 9.5J x 19 rear 225/40 ZR 19 front / 285/35 ZR 19 rear Performance Tires Not recommended for Winter use

2009 - M5
Paint, Upholstery & Trims

							Metallic Paint							Non-Met.	Interior Trim	
			M Sport Seat	M Multi-Function Active Seat	Comfort Seats	Key Number	Black Sapphire	Silverstone	Interlagos Blue	Indianapolis Red	Sepang Bronze	Monaco Blue	Space Grey	Alpine White	Aluminum Shadow Brushed	Madeira Walnut High-Gloss
Model	**Upholstery**	**Colour**					475	A29	A30	A31	A32	A35	A52	300	737	4ME
M5	Extended Merino Leather	Sepang Bronze	X	X	-	LKA8	X	-	-	-	X	X	-	-	S	O
		Silverstone	X	X	-	LKA9	X	X	X	-	-	X	X	X	S	O
		Black	X	X	-	LKSW	X	X	X	X	X	X	X	X	S	O
	Full Merino Leather	Indianapolis Red	X	X	-	X3A7	X	X	-	X	-	-	X	-	S	O
		Sepang Bronze	X	X	-	X3A8	X	-	-	-	X	-	-	-	S	O
		Silverstone	X	X	-	X3A9	X	X	X	-	-	X	X	X	S	O
		Portland Natural Brown	X	X	-	X3B1	X	-	-	X	-	X	X	-	S	O
		Black	X	X	-	X3SW	X	X	X	X	X	X	X	X	S	O
	Full Merino Leather - perforated (1)	Sepang Bronze	-	-	X	X2A8	X	-	-	-	X	X	-	-	S	O
		Silverstone	-	-	X	X2A9	X	X	X	-	-	X	X	X	S	O
		Black	-	-	X	X2SW	X	X	X	X	X	X	X	X	S	O

(1) Only with Ventilated Seats

X = Perfect Match

S = Standard
O = Optional

2009 - M5
Colour linked parts

	Extended Merino Leather			Full Merino Leather / Full Merino Leather, perforated				
	Sepang Bronze LKA8	**Silverstone** LKA9	**Black** LKSW	**Indianapolis Red** X3A7	**Sepang Bronze** X3A8 / X2A8	**Silverstone** X3A9 / X2A9	**Portland Natural Brown** X3B1	**Black** X3SW / X2SW
Seat centre parts	Sepang Bronze	Silverstone	Black	Indianapolis Red	Sepang Bronze	Silverstone	Portland Natural Brown	Black
Seat side panels	Sepang Bronze	Silverstone	Black	Indianapolis Red	Sepang Bronze	Silverstone	Portland Natural Brown	Black
Headrests	Sepang Bronze	Silverstone	Black	Indianapolis Red	Sepang Bronze	Silverstone	Portland Natural Brown	Black
Rear of seat back	Black	Black	Black	Black	Black	Black	Black	Black
Storage bag on rear of seat back	Sepang Bronze	Silverstone	Black	Indianapolis Red	Sepang Bronze	Silverstone	Portland Natural Brown	Black
Seat rail covers	Black	Black	Black	Black	Black	Black	Black	Black
Door panels, upper*	Black	Black	Black	Black	Black	Black	Black	Black
Inserts in door panels	Sepang Bronze	Silverstone	Black	Indianapolis Red	Sepang Bronze	Silverstone	Portland Natural Brown	Black
Door panels, lower*	Black	Black	Black	Indianapolis Red	Sepang Bronze	Silverstone	Portland Natural Brown	Black
Instrument panel upper trim section*	Black	Black	Black	Black	Black	Black	Black	Black
Instrument panel lower trim section*	Black	Black	Black	Indianapolis Red	Sepang Bronze	Silverstone	Portland Natural Brown	Black
Centre armrest	Sepang Bronze	Silverstone	Black	Indianapolis Red	Sepang Bronze	Silverstone	Portland Natural Brown	Black
Centre console*	Black	Black	Black	Indianapolis Red	Sepang Bronze	Silverstone	Portland Natural Brown	Black
Gearshift lever gaiter	Black	Black	Black	Black	Black	Black	Black	Black
Handbrake lever gaiter	Black	Black	Black	Black	Black	Black	Black	Black
Floor carpet	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite
Roof liner	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite
Sun Visors	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite
Parcel shelf	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite

*Surfaces finished in Leather with Full Leather option

BMW Canada Inc. **2009 M**
M5

Optional Equipment
Manufacturer's Suggested Retail Pricing

Model Code	Car Model	Retail	Restrictions
NB93	M5 with 6 Speed Manual Transmission	**$106,900**	Start Date 09/08

Option Code	Packages	Retail	Restrictions
ZWL	**Executive Package**	**$6,600**	
415	Manual Side Sunshades		
416	Electric Rear Sunshade		
4MA	M Multi-Function Seat		Includes Lumbar Support
4MF	Active Seat Bolsters		
496	Heated Seats Rear		
610	Head-Up Display		New. Incudes M Display - Replaces Green Stripe Windshield
ZQA	**Audiophile Sound Package**	**$1,500**	
655	SIRIUS Satellite Radio Tuner		**NEW -** Includes 1 year subscription to SIRIUS Satellite Radio
6FL	USB Audio Integration		Y-cable for iPod included from Aftersales
752	BMW Individual Audio System with Dirac Live™		

Option Code	Optional Equipment	Retail	Restrictions
CODE	Metallic Paint	**No Charge**	Order by colour code
CODE	Extended Merino Leather	**No Charge**	Order by colour code
CODE	Full Merino Leather	**$4,500**	Order by colour code
ZDV	7 Speed Sequential M Gearbox	**$2,200**	
261	Rear Side Airbags	**$450**	
453	Ventilated Seats Includes: Comfort Seats (Option 456)	**No Charge**	
4ME	Madeira Walnut Wood Trim	**No Charge**	
655	SIRIUS Satellite Radio Tuner	**$650**	New. Includes 1 year subscription to SIRIUS Satellite Radio
6FL	USB Audio Integration	**$425**	Y-cable for iPod included from Aftersales
ZSD	Rear Spoiler Deletion	**No Charge**	
ZSP	Special Orders Administrative fee for ordering special colours, interiors or equipment. Prices for special orders will be quoted at wholesale prices only.	**$400**	

PRICES AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE
PRICES AT DATE OF DELIVERY WILL APPLY
LOCAL FREIGHT AND RETAILER PREPARATION ARE NOT INCLUDED
RETAILERS MAY SELL FOR LESS