

## BMW Canada Inc. 2012 Product Planning Bulletin



### Subject: MY2012 BMW M5 Sedan

BMW Canada Inc. is pleased to announce the availability and complete ordering information for the all-new 2012 BMW M5 Sedan, effective as of March 2012 production.



Unofficially regarded as the world's fastest production sedan to lap the famous Nürburgring Nordschleife, the new MY2012 M5 Sedan is the culmination of BMW M GmbH's engineering pedigree in designing luxury vehicles with daily usability combined with true super-car performance.

The M5 Sedan's dual personalities makes it both equally comfortable on the street as it is on the world's most challenging race tracks. Thanks to standard M Dynamic Damper Control, Active M Differential and 20" forged light alloy wheels, the MY2012 M5 Sedan isolates the driver and passenger from the outside world in daily driving maneuvers and with the touch of the M Drive button, eliminates all but the slightest body roll to navigate a corner with maximum lateral grip. The all-new M 4.4L TwinPower Turbo V8 Engine generates 560hp and 500 lb-ft of torque, launching the M5 to 100km/h from a standstill in only 4.3 seconds. Thanks to the standard 7-speed Double Clutch Transmission (a 6-speed manual transmission is available optionally), shifts are smooth and seamless, ensuring maximum forward traction at all times.

BMW EfficientDynamics technologies are found throughout the 2012 M5. The tall 7<sup>th</sup> gear on the new M-DCT transmission drastically reduces fuel consumption. In fact, the all-new 2012 M5 features not only the most horsepower of any vehicle in its class, it is also the most fuel efficient. Combined with a larger 80 litre fuel tank, the new M5 achieves up to 930 highway kilometers on a single tank. While fuel economy and extended range are welcomed enhancements, what's more important is that there is **NO Federal Green Levy!** (vs. \$4,000 Green Levy for MY10 M5). Please note that the Green Levy does apply to some competitive models.

For MY2012, BMW Canada continues its strategy to provide customers with even more value on its' 5 Series models. The MY2012 M5 Sedan is no different, with significantly enhanced standard and optional equipment. Key highlights are shown below.



# BMW Canada Inc.

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### Standard Equipment Highlights

Building on the success of previous M5's, the all-new 2012 M5 Sedan offers more standard equipment than any of its predecessors and more standard equipment than any competitive model.

#### Technical

- M TwinPower Turbo V8 Engine, 560hp, 500 lb-ft
- Active M Differential
- Six-piston front brake calipers finished in blue with M Compound rotors
- M Dynamic Damper Control
- 7-speed Double Clutch Transmission with steering wheel mounted shift paddles (6-speed manual transmission optional)
- 20" Forged Lightweight Alloy Wheels with performance tires (non run-flat)
- Larger 80 litre fuel tank

#### Efficient Dynamics

- Automatic Start/Stop
- Brake energy Regeneration
- Double VANOS variable valve timing
- Valvetronic variable valve lift

#### Comfort & Convenience

- Extended Merino Leather Upholstery
- Alcantara Roofliner
- Park Distance Control, Front and Rear with Rear View Camera
- Comfort Access with Smart Opener
- Heated Front and Rear Seats
- 4-zone climate Control
- HiFi Sound System, 16 speakers, 600W multi-channel amplifier with DIRAC Signal Processing
- SIRIUS Satellite Radio with 1-year subscription
- USB Audio integration
- BMW Apps with Smartphone Integration
- Bluetooth with Mobile Office



# BMW Canada Inc. 2012 Product Planning Bulletin



## Optional Equipment

- Executive Package includes a complete range of comfort, convenience and ConnectedDrive features
- Full Leather Upholstery enhances the interior with additional leather coverage, incl. upper and lower instrument panels
- Two no-cost wood trim alternatives to the M Trace Aluminum trim
- Rear Seat Entertainment System with dual 9.2" displays
- Night Vision with Pedestrian Detection
- BMW Individual Paint, Extended Merino Leather Upholstery and Wood Trims available separately

## Paint Finishes



Silverstone II



Space Grey



Havana



Singapore Grey



Imperial Blue



Monte Carlo Blue



Black Sapphire



Alpine White

## Upholstery



Silverstone



Sakhir Orange



Black



Silverstone Full



Sakhir Orange Full



Black Full



## BMW Canada Inc. 2012 Product Planning Bulletin



### BMW Individual Paint



Amazonite



Azurite Black



Champagne Quartz



Moonstone



Citrin Black

### BMW Individual Upholstery



Platinum



Champagne



Silk Grey



Graphite



Cohiba Brown

### Quick highlights

- Unofficially the world's fastest production sedan to lap the Nürburgring Nordschleife
- Longest list of standard equipment in its class
- Only vehicle in its class with an available Head-Up Display
- Class-leading head and shoulder room
- Most horsepower of any vehicle in its class
- Best in class highway, city and combined fuel consumption
- Up to 930km range per tank
- **No Green Levy!**

Please note that BMW USA announced availability of the M5 Sedan in the U.S. market as a MY2013 as of July 2012 production. BMW Canada's M5 production will follow the same model year schedule. Also note that there is a material change expected to the M5's vehicle electronics as of July 2012 production. The change will not impact the output or performance of the M5. Additional details of the change will be available in the later part of Q2 2012. With the model year and vehicle electronic changes expected as of July 2012 production, please ensure your customers consider this information before placing an order between 03/12-06/12 production.

Complete vehicle specifications and Ordering Information is attached. Pricing will be released closer to market launch. Please advise concerned personnel.

# BMW Canada Inc.

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### Additional Transmission Details

#### 6-speed Manual Transmission

A 6-speed manual transmission will be available as of launch. Though the 6-speed gearbox has one less gear than the M-DCT transmission, the ratios have been optimized for acceleration, flexibility and fuel economy. The final drive ratio and special M Active differential are maintained. The new transmission is mated to a short throw shift linkage topped with a black leather backlit shift knob.

#### 7-speed Double Clutch Transmission

Using two clutches, M DCT Drivelogic shifts gears without interrupting the flow of power, promoting both an engaging driving experience and the exceptional comfort for the occupants. The new M DCT Drivelogic has been tailored specifically to match the high-revving TwinPower Turbo V8 engine in the new BMW M5. The result of this new transmission is even faster and more dynamic acceleration, while also increasing efficiency and fuel economy. Maintaining a permanent flow of power from the engine, reducing gear increments to a minimum and using dynamic throttle inputs when shifting gears, the M Double Clutch Transmission with Drivelogic ensures the highest performance driving experience, whether in the automatic or manual mode.

#### Functionality:

- Two oil-cooled wet clutches
  - One larger clutch operates all odd numbered gears (1, 3, 5, 7) and reverse
  - Second smaller clutch operates even numbered gears (2, 4, 6)
  - When one clutch is engaged, the second pre-selected the next gear. Once a shift is initiated one clutch opens just as the other closes ensuring a smooth, comfortable and incomparably fast shifts
- Drivelogic Settings
  - 11 settings (5 automatic, 6 manual) allow tailoring of the transmission to unique driver needs
  - Gearshifts can be totally seamless (Drivelogic 1) or clearly noticeable (Drivelogic 5)
  - Rev-matching is used for all settings to ensure optimal torque loads; in the more dynamic setting this includes torque overloads on up shifts for an increased sensation when accelerating
- Manual gear changes can be made via steering wheel paddles or the selector lever
- No need to lift foot off accelerator when shifting
- Pre-selection of the next gear is dependent upon throttle inputs (i.e. up shift when accelerating, downshift when decelerating)
- When 'kicking-down' the throttle and shifting, the transmission will move immediately to the optimum gear for best acceleration, with the ability to skip multiple gears in the process
- Gradient detection ensures optimum gear use, eliminating 'hunting' when driving on an uphill, and allowing the effective use of engine braking on downhill gradients



# BMW M5 Sedan.

## MY2012 PRODUCT GUIDE.

**BMW Canada, Inc.**

Ordering and Pricing Guide

Model Year 2012

No Pricing

M5

Effective March 1, 2012



		Model Code	FV93
		Model Code U.S.	1255
		Engine Code	S63T
		Start of Production	03/2012
<b>Standard</b>			<b>M5 Sedan</b>
1CA	CO2 Relevant Vehicle		STD
248	Heated Steering Wheel		STD
2NZ	20" M Alloy Wheels 20x9.0, 265/35 R20 front and 20x10.0, 295/30 R20 rear		STD
319	Universal Remote Control		STD
322	Comfort Access		STD
3AG	Rear View Camera		STD
423	Velour Floor Mats		STD
430	Auto Dimming Exterior Mirrors		STD
431	Auto Dimming Interior Mirror		STD
464	Ski Bag		STD
465	Through Loading System		STD
488	Lumbar Support		STD
496	Heated Rear Seats		STD
4NB	Auto 4-Zone Climate Control		STD
508	Park Distance Control, front and rear		STD
524	Adaptive Headlights		STD
548	Km/h Speedometer		STD
575	Additional 12-V Outlets		STD
609	BMW On-Board Navigation		STD
620	Voice Recognition		STD
639	BMW Assist with Bluetooth		STD
655	SIRIUS Satellite Radio Tuner		STD
677	HiFi Sound System Professional		STD
697	DVD Area 1 Coding (NA)		STD
6AA	BMW TeleServices		STD
6AB	Control BMW TeleServices		STD
6FL	USB Audio Integration		STD
6NF	Smartphone Integration		STD
6NR	BMW Apps		STD
6VA	CIC contribution		STD
6VC	Combox controller		STD
754	M Rear Spoiler		STD
776	Anthracite Alcantara Roofliner		STD
838	Canadian Specifications		STD
8KC	Oil Service Interval		STD
8S4	Decoding of Variable Light		STD
8SC	National-specific regulations for TeleService activation		STD
925	Shipping Guard Package		STD
Z10	Freight On Board		STD

M5  
Sedan

Model Code FV93  
 Model Code U.S. 1255  
 Engine Code S63T  
 Start of Production 03/2012

Non-Metallic		STD
300	Alpine White	x
Metallic		x
475	Black Sapphire Metallic	x
A17	Havanna Metallic	x
A29	Silverstone Metallic	x
A52	Space Grey Metallic	x
A89	Imperial Blue Metallic	x
B05	Monte Carlo Blue Metallic	x
B41	Singapore Grey Metallic	x
S34	Azurite Black Metallic	x
X02	Citrin Black Metallic	x
X04	Moonstone Metallic	x
X07	Amazonite Silver Metallic	x
X08	Champagne Quartz Metallic	x



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**Upholstery**

LK	Extended Merino Leather	STD
LKA9	Silverstone Ext Merino Leather	x
LKDA	Sakhir Orange Extended Merino Leather	x
LKSW	Black Extended Merino Leather	x
X3	Full Merino Leather	x
	<i>Full Merino Leather will delete STD or 100% equipment 776</i>	x
X3A9	Silverstone Full Merino Leather	x
X3DA	Sakhir Orange Full Merino Leather	x
X3SW	Black Full Merino Leather	x
ZA	BMW Individual Extended Merino	x
ZAC8	BMW Individual - Platinum Merino Extended Leather	x
ZAP6	BMW Individual - Champagne Merino Extended Leather	x
ZAP7	BMW Individual - Silk Grey Merino Extended Leather	x
ZAP8	BMW Individual - Graphite Merino Extended Leather	x
ZAWT	BMW Individual - Cohiba Brown Merino Extended Leather	x

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M5  
Sedan

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Start of Production	03/2012

Packages

ZWL	Executive Package	x
316	Automatic Trunk	
323	Soft Close Doors	
415	Electric Rear Sunshade	
416	Side Sunshades	
453	Ventilated Seats	
455	Active seat for driver/pass.	
4M8	BMW Individual Reading Lights	
4MA	M Multifunction Seats	
5AC	High-Beam Assistant	
5AD	Lane Departure Warning	
5AG	Active Blind Spot Detection	
5DL	Surround View	
610	Head-Up Display	
* 4MA incl. elec. adj. of upper backrest, backrest width, thighrest, headrest height & M Embossing on headrest.		
610 incl. M specific displays.		

**BMW Canada, Inc.**

Ordering and Pricing Guide

Model Year 2012

No Pricing

M5

Effective March 1, 2012



		M5 Sedan
Model Code		FV93
Model Code U.S.		1255
Engine Code		S63T
Start of Production		03/2012
<b>Options</b>		
2MA	6-Speed Manual Transmission	x
316	Automatic Trunk <i>Included in package</i>	ZWL
323	Soft Close Doors <i>Included in package</i>	ZWL
415	Electric Rear Sunshade <i>Included in package</i>	ZWL
416	Side Sunshades <i>Included in package</i>	ZWL
453	Ventilated Seats <i>Included in package</i>	ZWL
455	Active seat for driver/pass. <i>Included in package</i>	ZWL
4BN	Ash Wood Trim <i>4BN cannot be ordered with 4CE, XE5, XE6 or XE7</i>	x x
4CE	Fineline Anthracite Trim <i>4CE cannot be ordered with 4BN, XE5, XE6 or XE7</i>	x x
4M8	BMW Individual Reading Lights <i>Included in package</i>	ZWL
4MA	M Multifunction Seats <i>Included in package</i>	ZWL
5AC	High-Beam Assistant <i>Included in package</i>	ZWL
5AD	Lane Departure Warning <i>Included in package</i>	ZWL
5AG	Active Blind Spot Detection <i>Included in package</i>	ZWL
5DL	Surround View <i>Included in package</i>	ZWL
610	Head-Up Display <i>Included in package</i>	ZWL
6FH	Rear Entertainment System	x
6UK	Night Vision w/pedestrian det.	x
XD5	BMW Individual Alcantara Roofliner <i>XD5 requires ordering ZAC8, ZAP6 or ZAP7</i>	x x
XE5	Red Brown Dark Sycamore Wood <i>XE5 cannot be ordered with 4BN, 4CE, XE6 or XE7</i>	x x
XE6	Honey Brown Satin Walnut Wood Trim <i>XE6 cannot be ordered with 4BN, 4CE, XE5 or XE7</i>	x x
XE7	Piano Finish Black Wood Trim <i>XE7 cannot be ordered with 4BN, 4CE, XE5 or XE6</i>	x x
ZSP	Special Order	x

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Ordering and Pricing Guide

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No Pricing

M5

Effective March 1, 2012



M5  
Sedan

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Model Code U.S.	1255
Engine Code	S63T
Start of Production	03/2012

**Wheels**



**20" M Alloy Wheels**

Front: 20x9.0, 265/35 R20  
Rear: 20x10.0, 295/30 R20

Code: 2NZ  
Style: 343 M

Standard



## 2012 - M5 Sedan

### Features & Amenities

		M5
Technical Features	<b>Technical</b>	
	M V-8 engine, 32 valves, 4.4 L, 560hp	■
	TwinPower Turbo Technology	■
	Cross Bank Cylinder Manifold (patented)	■
	7-speed Double M Clutch Transmission with shift paddles	■
	Cruise Control with brake function	■
	Dynamic Damper Control	■
	Electronically controlled engine cooling	■
	Front and rear anti-roll (stabilizer) bars	■
	Fully electronic "drive-by-wire" throttle system	■
	M Compound ventilated disc brakes, front & rear	■
	M Brake Caliper, blue painted finish	■
	M Servotronic, vehicle speed-sensitive power steering	■
	M Drive, incl. two steering wheel mounted buttons	■
	Start/Stop button	■
	<b>Efficient Dynamics</b>	
	Automatic Start/Stop	■
	Brake Energy Regeneration	■
	Double VANOS steplessly variable valve timing	■
	High Precision Injection (direct injection)	■
	Lightweight aluminum/steel body	■
Safety & Protection	<b>Lighting</b>	
	Adaptive Brakelights	■
	Adaptive Headlights	■
	Ambient Light Package	■
	Automatic Headlights	■
	Headlight Washers	■
	Third brake light integrated into rear window	■
	Xenon headlights, low and high-beam with LED corona rings	■
	<b>Active Safety</b>	
	Dynamic Stability Control (DSC), with extended functionality	■
	- Brake Assist	■
	- Dynamic Brake Control (DBC)	■
	- Dynamic Traction Control (DTC)	■
	- Electronic Brake force distribution (EBD)	■
	Anti-Lock Braking System (ABS)	■
	Car/Key memory	■
	Heated exterior mirrors, electrically adjustable	■
	Heated windshield washer jets	■
	Park Distance Control, Front and Rear	■
	Rain sensing windshield wipers, vehicle speed-sensitive	■
	Rear View Camera	■
	Tire pressure warning	■
	<b>Airbags</b>	
	Advanced Head Protection System (AHPS), front and rear	■
	Front airbags for driver and passenger, including occupant detector	■
	Side airbags for driver and front passenger	■
	SMART airbag deployment system	■
	<b>Passive Safety</b>	
	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	■

■ Standard □ Optional

## 2012 - M5 Sedan

### Features & Amenities

		M5
Cont.	<b>Vehicle Protection</b>	
	Alarm system with interior motion sensor	■
	Central remote locking, including fuel filler door	■
	Multi-function remote control, self-charging	■
Exterior Features	<b>Exterior</b>	
	Auto-dimming exterior mirrors, power folding	■
	Comfort Access with Smart Opener	■
	Exhaust tailpipes, two twin tailpipes	■
	Front chrome grille with black kidney bars	■
	Metallic or non-metallic paint	■
	M Rear Spoiler	■
	Side window frame trim, high gloss black	■
	White turn signal indicator lenses	■
Interior Features	<b>Comfort &amp; Convenience</b>	
	Anthracite Roof Liner	■
	Armrest, centre front with storage and climate controlled	■
	Auto-dimming interior mirror	■
	Door Sill Finishers with M designation	■
	Front seatback storage nets	■
	Fully finished trunk with tool kit	■
	Glass sunroof, electrically adjustable	■
	Heated Steering Wheel	■
	Interior electric trunk release	■
	M Leather Steering Wheel	■
	Sun visors with illuminated vanity mirrors, including slide cover	■
	Tilt/telescopic steering wheel, power with auto tilt-up	■
	Through Loading System with Ski Bag	■
	Universal garage door opener (HomeLink® compatible)	■
	Window lifts electric, anti-trap and comfort open/close	■
	Velour Floor Mats	■
	12 V socket in luggage compartment	■
	<b>Seating</b>	
	Front Sport Seats, 10-way power adjustable including headrest	■
	Heated front seats, 3 stage	■
	Heated rear seats	■
	Lumbar support for driver and front passenger, power 4-way	■
	Upholstery: Extended Merino Leather	■
	<b>Climate Control</b>	
	Automatic air recirculation function	■
	Four-zone automatic climate control with micro filter & solar sensor	■
	Residual heat and max A/C functions	■
	<b>Entertainment</b>	
	Anti-theft AM/FM tuner with RDS	■
	Auxiliary input, in front armrest storage compartment	■
	BMW Apps	■
	- Social Media (i.e. Twitter & Facebook)	■
	- Web Radio	■
	DVD drive, in-dash with MP3 and multi-channel playback capability	■
	Gracenote® Media Database	■
	HiFi System Professional, 16 speakers including 2 subwoofers	■
	SIRIUS Satellite Radio Tuner with 1-year subscription	■
	Smartphone Integration (optional snap-in adapter required)	■
	- Video playback on control display	■
	- iPod out interface, inc. Genius Mix, etc.	■
	- Voice control of device	■
	USB Audio Integration	■
	- Album Cover Art	■

■ Standard □ Optional

## 2012 - M5 Sedan

### Features & Amenities

		M5
Interior Features	<b>Communication</b>	
	Bluetooth® Wireless Technology	■
	- A2DP Audio Streaming	■
	- External Call Lists (re-dial and received calls list)	■
	- Mobile Office for Blackberry smartphones	■
	- Text to Speech (email, calendar, tasks, and notes)	■
	- VCARD Images (caller ID photo display)	■
	BMW Assist with 1 year Safety and Security subscription	■
	- Advanced Automatic Collision Notification / manual emergency request	■
	- BMW TeleServices	■
	- Customer Relations Function	■
	- Destination Download (Advanced Concierge)	■
	- Enhanced BMW Roadside Assistance	■
	- Google MyInfo Send-To-Car	■
	- Remote Door Unlock	■
	- Stolen Vehicle Recovery	■
	Navigation System, hard disk based	■
	Voice Control, including telephone, navigation and audio functions	■
	<b>Instrumentation</b>	
	Black Panel Technology	■
	Check control vehicle monitor system with Condition Based Service	■
	Eight programmable memory keys	■
	iDrive system, 10.3" high-resolution display	■
	On-board computer	■

■ Standard □ Optional

## 2012 - M5 Sedan

### Paint, Upholstery, and Trims

Upholstery	Code	Extended Merino Leather			Full Merino Leather*			BMW Individual Extended Merino Leather**				
Upholstery code		LK			X3			ZA				
Code		LKSW	LKA9	LKDA	X3SW	X3A9	X3DA	ZAC8	ZAWT	ZAP6	ZAP7	ZAP8
Upholstery colour		Black	Silverstone	Sakhir Orange	Black	Silverstone	Sakhir Orange	Platinum	Cohiba Brown	Champagne	Silk Grey	Graphite
Interior colour		Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black
Ventilated Sport seat	481	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ventilated M Multifunction Seat	4MA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Non-metallic paintwork</b>												
Alpine White	300	●	●	●	●	●	●		●		●	●
<b>Metallic paintwork</b>												
Black Sapphire	475	●	●	●	●	●	●					
Havana	A17	●	●		●	●						
Silverstone	A29	●	●	●	●	●	●					
Space Grey	A52	●	●	●	●	●	●					
Imperial Blue	A89	●	●	●	●	●	●					
Monte Carlo Blue	B05	●	●	●	●	●	●					
Singapore Grey	B41	●	●	●	●	●	●					
<b>BMW Individual paintwork</b>												
Azurite Black metallic	S34							●		●	●	
Citrin Black metallic	X02							●	●	●	●	
Moonstone metallic	X04							●	●	●	●	●
Amazonite Silver metallic	X07										●	●
Champagne quartz metallic	X08							●	●	●	●	
<b>Interior trim finishers</b>												
Ash Wood Trim	4BN	●	●		●	●						
Fineline Anthracite Trim	4CE	●	●	●	●	●	●					
Trace Aluminum Trim	4L9	●	●	●	●	●	●					
<b>BMW Individual interior trim finishers</b>												
Red Brown Dark Sycamore Wood Trim	XE5							●	●	●		●
Honey Brown Satin Walnut Wood Trim	XE6							●	●	●		●
Piano Finish Black Wood Trim	XE7							●	●	●	●	●

● = recommended combination of colours

- = combination not available

■ = standard

✓ = available

\* = includes Merino Leather Upper and Lower Instrument Panel and upper door trims. Refer to Colour linked parts for additional parts in leather.

\*\* = includes Merino Leather lower instrument panel. Refer to Colour linked parts for additional parts in leather.



## 2012 - M5 Sedan

### Colour linked parts

Extended Merino Leather				
		Silverstone LKA9	Black LKSW	Sakhir Orange LKDA
Folding pockets (rear of seat backrest)	Leatherette	Black	Black	Black
Head supports	Merino Leather	Silverstone	Black	Sakhir Orange
Headrests, side	Leatherette	Silverstone	Black	Sakhir Orange
Seat belts (belt strap)	Fabric weave	Black	Black	Black
Seat finishers, side	Plastic grained	Black	Black	Black
Rear of seat backrest	Foil grained	Black	Black	Black
Seat centre panel	Merino Leather	Silverstone	Black	Sakhir Orange
Seat side panel	Merino Leather	Silverstone	Black	Sakhir Orange
Armrest front lateral (upper section)	Merino Leather	Silverstone	Black	Sakhir Orange
Upholstery insert door trim	Leatherette <sup>1)</sup>	Silverstone	Black	Sakhir Orange
Door upper-arm trim panel	Plastic grained	Black	Black	Black
Armrest front (centre console)	Merino Leather	Silverstone	Black	Sakhir Orange
Centre console sides	Foil grained	Black	Black	Black
Instrument panel (upper section)	Foil grained	Black	Black	Black
Instrument panel (lower section)	Foil grained	Black	Black	Black
Headliner	Alcantara	Black	Black	Black
Sun visors	Knitted cloth	Black	Black	Black
Luggage-compartment trim	Needle felt	Anthracite	Anthracite	Anthracite
Floor carpet	Textured velour	Black	Black	Black

1) Leather Merino for LKA9 and LKDA

Full Merino Leather				
		Silverstone X3A9	Black X3SW	Sakhir Orange X3DA
Folding pockets (rear of seat backrest)	Merino Leather	Silverstone	Black	Sakhir Orange
Head supports	Merino Leather	Silverstone	Black	Sakhir Orange
Headrests, side	Merino Leather	Silverstone	Black	Sakhir Orange
Seat belts (belt strap)	Fabric weave	Black	Black	Black
Seat finishers, side	Plastic grained	Black	Black	Black
Rear of seat backrest	Merino Leather	Silverstone	Black	Sakhir Orange
Seat centre panel	Merino Leather	Silverstone	Black	Sakhir Orange
Seat side panel	Merino Leather	Silverstone	Black	Sakhir Orange
Armrest front lateral (upper section)	Merino Leather	Silverstone	Black	Sakhir Orange
Upholstery insert door trim	Merino Leather	Silverstone	Black	Sakhir Orange
Door upper-arm trim panel	Leather 'Walknappa'	Black	Black	Black
Armrest front (centre console)	Merino Leather	Silverstone	Black	Sakhir Orange
Centre console sides	Merino Leather	Silverstone	Black	Sakhir Orange
Instrument panel (upper section)	Merino Leather	Black	Black	Black
Instrument panel (lower section)	Merino Leather	Silverstone	Black	Sakhir Orange
Headliner	Alcantara	Anthracite	Anthracite	Anthracite
Sun visors	Knitted cloth	Black	Black	Black
Luggage-compartment trim	Needle felt	Anthracite	Anthracite	Anthracite
Floor carpet	Textured velour	Black	Black	Black

BMW Individual Extended Merino Leather						
		Platinum ZAC8	Champagne ZAP6	Silk Grey ZAP7	Graphite ZAP8	Cohiba Brown ZAWT
Folding pockets (rear of seat backrest)	Merino Leather	Platinum	Champagne	Silk Grey	Graphite	Cohiba Brown
Head supports	Merino Leather	Platinum	Champagne	Silk Grey	Graphite	Cohiba Brown
Headrests, side	Merino Leather	Platinum	Champagne	Silk Grey	Graphite	Cohiba Brown
Seat belts (belt strap)	Fabric weave	Black	Black	Black	Black	Black
Seat finishers, side	Plastic grained	Black	Black	Black	Black	Black
Rear of seat backrest	Merino Leather	Platinum	Champagne	Silk Grey	Graphite	Cohiba Brown
Seat centre panel	Merino Leather	Platinum	Champagne	Silk Grey	Graphite	Cohiba Brown
Seat side panel	Merino Leather	Platinum	Champagne	Silk Grey	Graphite	Cohiba Brown
Armrest front lateral (upper section)	Merino Leather	Platinum	Champagne	Silk Grey	Graphite	Cohiba Brown
Upholstery insert door trim	Merino Leather	Platinum	Champagne	Silk Grey	Graphite	Cohiba Brown
Door upper-arm trim panel	Plastic grained	Black	Black	Black	Black	Black
Armrest front (centre console)	Merino Leather	Platinum	Champagne	Silk Grey	Graphite	Cohiba Brown
Centre console sides	Merino Leather	Platinum	Champagne	Silk Grey	Graphite	Cohiba Brown
Instrument panel (upper section)	Foil grained	Black	Black	Black	Black	Black
Instrument panel (lower section)	Merino Leather	Platinum	Champagne	Silk Grey	Graphite	Cohiba Brown
Headliner	Alcantara	Black	Black	Black	Black	Black
Sun visors	Knitted cloth	Black	Black	Black	Black	Black
Luggage-compartment trim	Needle felt	Anthracite	Anthracite	Anthracite	Anthracite	Anthracite
Floor carpet	Textured velour	Black	Black	Black	Black	Black

## 2012 - M5 Sedan

### Technical Specifications

		M5 Sedan	M5 Sedan
Engine type		S63B44T0	S63B44T0
Transmission type		7-speed DCT	6-speed Manual
No of Doors / Seats	/	4 / 5	4 / 5
Veh. length	mm / inch	4916 / 193.5	4916 / 193.5
Veh. width	mm / inch	1891 / 74.4	1891 / 74.4
Veh. height	mm / inch	1456 / 57.3	1456 / 57.3
Wheelbase	mm / inch	2964 / 116.7	2964 / 116.7
Turning circle	m / ft	12.6 / 41.3	12.6 / 41.3
Track front	mm / inch	1627 / 64.1	1627 / 64.1
Track rear	mm / inch	1582 / 62.3	1582 / 62.3
Ground clearance	mm / inch	117 / 4.6	117 / 4.6
Shoulder width front	mm / inch	1480 / 58.3	1480 / 58.3
Shoulder width rear	mm / inch	1427 / 56.2	1427 / 56.2
Legroom front	mm / inch	1052 / 41.4	1052 / 41.4
Legroom rear	mm / inch	918 / 36.1	918 / 36.1
Max. headroom front	mm / inch	1028 / 40.5	1028 / 40.5
Max. headroom rear	mm / inch	973 / 38.3	973 / 38.3
Luggage comp. capacity (official)	m <sup>3</sup> / ft <sup>3</sup>	0,520 / 18.4	0,520 / 18.4
Fuel tank capacity	liter / gal	80 / 21.1	80 / 21.1
Curb weight	Kg / lbs	1990 / 4387	1975 / 4354
Weight distribution (empty car)	% Rear	47.5	47.7
Gross veh. weight	Kg / lbs	2410 / 5313	2410 / 5313
Payload	Kg / lbs	420 / 926	440 / 970
Axle load limit front	Kg / lbs	1180 / 2601	1180 / 2601
Axle load limit rear	Kg / lbs	1260 / 2778	1260 / 2778
Roof load	Kg / lbs	100 / 220	100 / 220
Engine type / Cylinders / Valves p.cyl.		V90 / 8 / 4	V90 / 8 / 4
Fuel management		MSD 17	MSD 17
Injection technique / Charging Type		DI2,VVT / MTwinPower Turbo	DI2,VVT / MTwinPower Turbo
Displacement	cm <sup>3</sup> / inch	4395 / 268	4395 / 268
Stroke	mm / inch	88.3 / 3.5	88.3 / 3.5
Bore	mm / inch	89 / 3.5	89 / 3.5
Engine power / at rpm	bHP / 1/min	560 / 6000-7000	560 / 6000-7000
Engine torque / at rpm	ft lbs (Nm)/ 1/min	500 / 1500-5750	500 / 1500-5750
Compression rate / Fuel type (recomm.)	1 /	10 / Premium	10 / Premium
Type of gearbox		M-DKG 436	G
Gear ratios 1st gear / 2nd / 3rd / 4th	/ / /	4.806 / 2.593 / 1.701 / 1.277	4.055 / 2.396 / 1.582 / 1.192
5th / Gear ratio VI / 7th / 8th	/ / /	1 / 0.844 / 0.671 / 0	1 / 0.872 / /
Reverse gear		4.172	3.677
Final drive		3.154	3.154
Steering type / Steering transmission, overall	/ :1	rack-and-pinion (hydraulic)/ 13.1	rack-and-pinion (hydraulic)/ 13.1
Front brake // diameter	- // mm / inch	disc ventilated // 400 / 15.7	disc ventilated // 400 / 15.7
Rear brake // diameter	- // mm / inch	disc ventilated // 396 / 15.6	disc ventilated // 396 / 15.6
Cx // A	// m <sup>2</sup> / ft <sup>2</sup>	0.33 // 2.4 / 25.84	0.33 // 2.4 / 25.84
Air resistance	m <sup>2</sup> / ft <sup>2</sup>	0.79 / 8.53	0.79 / 8.53
Top speed	Km/h / mph	250 / 155	250 / 155
Acceleration 0-100Km/h (preliminary ECE figures)	s	4.3	4.3
Fuel cons. City	L/100km	13.2	14.4
Fuel cons. Highway	L/100km	8.6	9.2
Fuel cons. Combined	L/100km	11.1	12.1
Range Combined	Km	720	660
Front tires		265/35 ZR20 102Y	265/35 ZR20 102Y
Rear tires		295/30 ZR20 104Y	295/30 ZR20 104Y
Front rims		9J x 20	9J x 20
Rear rims		10J x 20	10J x 20
Run flat tires		no	no
Cooling system incl. Heater / Engine oil (filling quantity) **	liter/quarts // l./q.	18.5/19.6 // 8.4/8.9	18.5/19.6 // 8.4/8.9
Transmission fluid		permanent	change
Battery / Battery position	Ah /	105 / luggage compartement	105 / luggage compartement
Alternator	A / W	209 / 2926	209 / 2926