



BMW M5

M5



The Ultimate
Driving Experience.®

BMW M5.

2016MY PRODUCT GUIDE.

MY16 M5

Technical Specifications

		M5
Engine type		S63B44T0
Transmission type		M DKG 436
Seats	--	5
Number of Doors	--	4
Veh. length	mm	4916
width	mm	1891
height	mm	1456
Width inc. mirrors	mm	2119
Wheelbase	mm	2964
Overhang front	mm	842
Rear overhang	mm	1110
Turning circle	m	12.4
Ground clearance	mm	117
Shoulder width front	mm	1480
Shoulder room rear	mm	1427
Elbow width front	mm	1518
Elbowroom rear	mm	1485
Legroom front	mm	1052
Legroom rear	mm	918
Max. headroom front	mm	1028
Maximum headroom rear	mm	973
Maximum headroom second	mm	965
Knee clearance	mm	84
Luggage volumes	m³	0.52
Fuel tank capacity (approx.)	liter	80
Rear Weight distribution (empty car)	%	47.5
Curb weight	kg	1990
Gross weight	kg	2410
Front Axle Load Limit	kg	1180
Rear Axle Load Limit	kg	1260
Engine type	--	S63B44T0
Engine type	--	V90
Cylinders	--	8
Valves p.cyl.	--	4
Fuel management	--	MEVD 17.2.H
Charging Type	--	MTwinPower Turbo
Charging Technique	--	TwinScroll TwinTurbo Technology
Injection type	--	High precision direct injection
Injection technique	--	DI2,VVT
Stroke	mm	88.3
Bore	mm	89
Displacement	cm³	4395
Compression rate	:1	10
Engine power	HP	560
Engine power (Competition Package)	HP	575
at rpm	1/min	6000-7000
Engine torque	ft lbs	502
at rpm	1/min	1500-5750
Fuel type	--	gasoline
recomm.	--	AKI 93
Engine oil (filling quantity)	liter	8.5
Output per litre	kW/dm³	93.7
Transmission type	--	M DKG 436
Gear ratios 1st gear	--	4.806
2nd	--	2.593
3rd	--	1.701
4th	--	1.277
5th	--	1
6th	--	0.844
7th	--	0.671
8th	--	-
Reverse gear	--	4.172
Final drive ratio	--	3.154
Suspension type front	--	double wishbone axle
Rear suspension	--	Integral-V multi-arm axle
Steering type	--	rack-and-pinion
Power-steering	--	hydraulic
Steering transmission, overall	:1	13.1
Turning lock-lock	--	2.6
Front brake	--	disc ventilated
Rear brake	--	disc ventilated
Front Track	mm	1627
Rear Track	mm	1582
Run flat tyres	--	no
A	m²	2.4
Cx	--	0.33
Air resistance	m²	0.79
Top speed	km/h	250
Top speed optional	km/h	-
0-100km/h	s	4.3
0-60 mph	s	4.2
Fuel cons. City	L/100km	17.3
Fuel cons. Highway	L/100km	11.5
Fuel cons. Combined	L/100km	14.7
Emission classification (type-certified)	--	ULEV II
Generator amperage	A	209
Alternator output	W	2926
Battery Capacity (low voltage)	Ah	105
Facing surface [ft²]	ft	25.84
CxA[ft²]	ft	8.53

Retail Pricing

Model Year 2016

M5

Effective: 07/01/15

Start of Production

Base Price

M5 Sedan

07/15

\$102,500

Non-Metallic		STD
300	Alpine White	
Metallic		NC
475	Black Sapphire Metallic	
A29	Silverstone Metallic	
A52	Space Grey Metallic	
A89	Imperial Blue Metallic	
B05	Monte Carlo Blue Metallic	
B41	Singapore Grey Metallic	
B50	Sakhir Orange Metallic	
S34	Azurite Black Metallic	\$1,000
	In combination with ZI8	NC
X02	Citrin Black Metallic	\$1,000
	In combination with ZI8	NC
X04	Moonstone Metallic	\$1,000
	In combination with ZI8	NC
X08	Champagne Quartz Metallic	\$1,000
	In combination with ZI8	NC
Upholstery		
Extended Merino Leather		NC
LKA9	Silverstone Extended Merino Leather	
LKDA	Sakhir Orange Extended Merino Leather	
LKSW	Black Extended Merino Leather	
Full Merino Leather		\$4,500
	Full Merino Leather will delete STD or 100% equipment 776	(req'd)
	Full Merino Leather requires ordering Z5I or ZI8	(req'd)
	Included in package	ZI8
X3A9	Silverstone Full Merino Leather	
	In combination with ZI8	NC
X3DA	Sakhir Orange Full Merino Leather	
	In combination with ZI8	NC
X3SW	Black Full Merino Leather	
	In combination with ZI8	NC
BMW Individual Extended Merino		\$3,000
	BMW Individual Extended Merino requires ordering Z5I or ZI8	(req'd)
ZAC8	BMW Individual - Platinum Merino Extended Leather	
ZAKS	BMW Individual - Kashmir Beige Merino Extended Leather	
ZAML	BMW Individual - Nutmeg Extended Merino Leather	
ZAP6	BMW Individual - Champagne Merino Extended Leather	
ZAP7	BMW Individual - Silk Grey Merino Extended Leather	
Packages		
Z5I	Premium Package	\$9,000
	Z5I will delete STD or 100% equipment 459, 524 and 693	(req'd)
ZI8	Ultimate Package	\$25,000
	X3A9 - Silverstone Full Merino Leather	NC
	X3DA - Sakhir Orange Full Merino Leather	NC
	X3SW - Black Full Merino Leather	NC

Options

2MA	6-Speed Manual Transmission	NC
2NK	M Carbon Ceramic Brake	\$8,500
2TX	20"M Double-Spoke Lt Alloy, perf tires,style 601M (20x9.0, 265/35 R20 front and 20x10.0, 295/30 R20 rear)	NC
	2TX will delete STD or 100% equipment 2NZ	(req'd)
	2TX requires ordering 7MA	(req'd)
2TY	20"M Black Double-Spoke Lt Alloy Wheels,perf tires, style 343M (20x9.0, 265/35 R20 front and 20x10.0, 295/30 R20 rear)	\$500
	In combination with ZI8	NC
3MB	Satin Aluminum Shadow Line	NC
464	Ski Bag	\$250
4BN	Ash Wood Trim	NC
4CE	Fineline Anthracite Trim	NC
6F2	Bang and Olufsen Sound System	\$4,900
	6F2 requires ordering Z5I or ZI8	(req'd)
	Included in package	ZI8
6FH	Rear Entertainment System	\$3,000
6NS	Convenience Telephony with Smartphone Connectivity	\$600
6UK	Night Vision w/pedestrian det.	\$2,500
7MA	Competition Package	\$6,500
	Included in package	ZI8
XD5	BMW Individual Alcantara Roofliner	NC
	XD5 requires ordering ZAC8, ZAP6 or ZAP7	(req'd)
XE5	Red Brown Dark Sycamore Wood Trim	\$1,000
XE7	Piano Finish Black Wood Trim	\$1,000
XEW	BMW Individual - Sen Light Brown Wood Trim	\$1,000
Z39	Frozen Grey	NC
	Z39 requires ordering ZI8	(req'd)
Z4H	Laguna Seca Blue	NC
	Z4H requires ordering ZI8	(req'd)
ZA6	Phoenix Yellow Metallic	NC
	ZA6 requires ordering ZI8	(req'd)
ZED	European Delivery	NC
ZFL	Dakar Yellow II	NC
	ZFL requires ordering ZI8	(req'd)
ZIO	Fire Orange	NC
	ZIO requires ordering ZI8	(req'd)
ZSP	Special Order	\$400
ZSQ	Frozen Red	NC
	ZSQ requires ordering ZI8	(req'd)
ZSR	Frozen Silver	NC
	ZSR requires ordering ZI8	(req'd)
ZSW	Frozen Brilliant White	NC
	ZSW requires ordering ZI8	(req'd)
ZT0	Imola Red II	NC
	ZT0 requires ordering ZI8	(req'd)
ZT7	Santorini Blue II	NC
	ZT7 requires ordering ZI8	(req'd)
ZTU	Frozen Blue	NC
	ZTU requires ordering ZI8	(req'd)
ZVA	Valencia Orange Metallic	NC
	ZVA requires ordering ZI8	(req'd)
ZVL	Sparkling Graphite Metallic	NC
	ZVL requires ordering ZI8	(req'd)
ZVO	Grey Black Metallic	NC
	ZVO requires ordering ZI8	(req'd)
ZZH	Frozen Black	NC
	ZZH requires ordering ZI8	(req'd)

Wheel Overview

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Effective: 07/01/15

M5 Sedan



Code: 2NZ
Style: 343 M

20" M Alloy Wheels

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

Standard



Code: 2TX
Style: 601M

20"M Double-Spoke Lt
Alloy, perf tires, style 601M

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

Optional
(Requires 7MA)
(Standard equipment
2NZ will be deleted)



Code: 2TY
Style: 343M

20"M Black Double-Spoke
Lt Alloy Wheels,perf tires,
style 343M

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

Optional