



6 Series

650i xDrive Coupe
640i xDrive Gran Coupe
650i xDrive Gran Coupe
650i xDrive Convertible



The Ultimate
Driving Experience.®

BMW 6 Series.

2017MY PRODUCT GUIDE.

MY17 6 Series
Technical Specifications

		650i xDrive Coupe	640i xDrive Gran Coupe	650i xDrive Gran Coupe	650i xDrive Convertible
Engine type		N63B44O1 8HP70	N55B30O0 8HP45	N63B44O1 8HP70	N63B44O1 8HP70
Transmission type					
Seats	--	4	5	5	4
Number of Doors	--	2	4	4	2
Veh. length	mm	4896	5009	5009	4896
width	mm	1894	1894	1894	1894
height	mm	1369	1392	1392	1365
Width inc. mirrors	mm	2090	2090	2090	2090
Wheelbase	mm	2855	2968	2968	2855
Overhang front	mm	943	943	943	943
Rear overhang	mm	1098	1098	1098	1098
Turning circle	m	11.7	11.95	11.95	11.7
Ground clearance	mm	124	126	126	123
Shoulder width front	mm	1445	1440	1440	1445
Shoulder room rear	mm	1263	1387	1387	1260
Elbow width front	mm	1531	1517	1517	1531
Elbowroom rear	mm	1338	1454	1454	1338
Legroom front	mm	1069	1069	1069	1069
Legroom rear	mm	774	896	896	774
Max. headroom front	mm	1017	1030	1030	1023
Maximum headroom rear	mm	908	941	941	927
Maximum headroom second	mm	902	940	940	-
Knee clearance	mm	-57	52	52	-57
Luggage volumes	m³	0.46	0.46 - 1.265	0.46 - 1.265	0.3 - 0.35
Fuel tank capacity (approx.)	liter	70	70	70	70
Rear Weight distribution (empty car)	%	46.1	48	47	47.7
Curb weight	kg	2003	1964	2073	2105
Gross weight	kg	2365	2429	2549	2479
Front Axle Load Limit	kg	1211	1179	1261	1211
Rear Axle Load Limit	kg	1241	1300	1340	1329
Engine type	--	N63B44O1	N55B30O0	N63B44O1	N63B44O1
Engine type	--	V90	in line	V90	V90
Cylinders	--	8	6	8	8
Valves p.cyl.	--	4	4	4	4
2017MY PRODUCT GUIDE	--	MEVD 17.2.H	MEVD 17.2.G	MEVD 17.2.H	MEVD 7.2.H
Charging Type	--	TwinPower Turbo	TwinPower Turbo	TwinTurbo	TwinPower Turbo
Charging Technique	--	MonoScroll Turbo Technology	TwinScroll Turbo Technology	MonoScroll Turbo Technology	MonoScroll Turbo Technology
Injection type	--	High precision direct injection	High precision direct injection	High precision direct injection	High precision direct injection
Injection technique	--	D12	D12.VVT	D12	D12
Stroke	mm	88.3	89.6	88.3	88.3
Bore	mm	89	84	89	89
Displacement	cm³	4395	2979	4395	4395
Compression rate	:1	10	10.2	10	10
Engine power	HP	445	320	445	445
at rpm	1/min	5500	5800	5500	5500
Engine torque	Nm	650	450	650	650
Engine torque	ft lbs	479	332	479	479
at rpm	1/min	2000-4500	1300-4500	2000-4500	2000-4500
Fuel type	--	gasoline	gasoline	gasoline	gasoline
recomm.	--	ROZ95	AKI 91	AKI 91	ROZ95
Engine oil (filling quantity)	liter	9	6.5	8	9
Output per litre	kW/dm³	75.1	78.9	75.1	75.1
Transmission type	--	8HP70	8HP45	8HP70	8HP70
Gear ratios 1st gear	--	4.714	4.714	4.714	4.714
2nd	--	3.143	3.143	3.143	3.143
3rd	--	2.106	2.106	2.106	2.106
4th	--	1.667	1.667	1.667	1.667
5th	--	1.285	1.285	1.285	1.285
6th	--	1	1	1	1
7th	--	0.839	0.839	0.839	0.839
8th	--	0.667	0.667	0.667	0.667
Reverse gear	--	3.317	3.295	3.317	3.317
Final drive ratio	--	2.813	3.231	2.813	2.813
Suspension type front	--	double wishbone axle	double wishbone axle	double wishbone axle	double wishbone axle
Rear suspension	--	Integral-V multi-arm axle	Integral-V multi-arm axle	Integral-V multi-arm axle	Integral-V multi-arm axle
Steering type	--	rack-and-pinion	rack-and-pinion	rack-and-pinion	rack-and-pinion
Power-steering	--	hydraulic	hydraulic	hydraulic	hydraulic
Steering transmission, overall	:1	18	18.7	18.7	18.7
Front brake	--	disc ventilated	disc ventilated	disc ventilated	disc ventilated
Rear brake	--	disc ventilated	disc ventilated	disc ventilated	disc ventilated
Front Track	mm	1594	1600	1594	1594
Rear Track	mm	1659	1665	1659	1659
Run flat tyres	--	yes			yes
A	m²	2.23	2.24	2.24	2.23
Cx	--	0.31	0.3	0.31	0.33
Air resistance	m²	0.69	0.67	0.69	0.74
Top speed	km/h	210	210	210	210
Top speed optional	km/h	240	240	240	240
0-100Km/h	s	4.5	5.4	4.5	4.6
0-60 mph	s	4.3	5.2	4.3	4.4
Fuel cons. City	L/100km	13.8	12.4	14.7	14.7
Fuel cons. Highway	L/100km	9.1	8.4	9.7	9.7
Fuel cons. Combined	L/100km	11.7	10.6	12.5	12.5
Emission classification (type-certified)	--	ULEV II	ULEV II	ULEV II	ULEV II
Generator amperage	A	210	170	210	210
Alternator output	W	2940	2380	2940	2940
Battery Capacity (low voltage)	Ah	105	105	105	105
Facing surface [F°]	ft	24.01	24.11	24.11	24.01
Cx[A[ft²]	ft	7.44	7.23	7.47	7.92

Wheel Overview

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Effective: 07/01/16



Code: 2FF Style: 366	19" V-Spoke Lt Alloy Wheels, A/S RFT	Front / Rear: 19x8.5, 245/40 R19
Code: 2FG Style: 367	19" wheel, A/S RFT tire	Front / Rear: 19x8.5, 245/40 R19
Code: 2NL Style: 374	20" Lt/Aly V-Spoke Wheel, 374 I, perf. RFT	Front: 20x8.5, 245/35 R20 Rear: 20x9.0, 275/30 R20
Code: 2NM Style: 373M	20" wheel, perf. RFT tire	Front: 20x8.5, 245/35 R20 Rear: 20x9.0, 275/30 R20
Code: 2P1 Style: 423	19" wheel, A/S RFT tires	Front / Rear: 19x8.5, 245/40 R19
Code: 2W7 Style: 616	20" Lt/Aly Multi-spoke Wheel, 616, perf. RFT	Front: 20x8.5, 245/35 R20 Rear: 20x9.0, 275/30 R20

640i xDrive
Gran Coupe

Standard

650i xDrive
Coupe

Standard

650i xDrive
Gran Coupe

Optional
(Not in
combination
with ZG4 or
ZG9)

ZG4, ZG9

Standard

Optional
(Not in
combination
with ZG4 or
ZG9)

650i xDrive
Cabriolet

Standard

Optional
(Not in
combination
with ZBM or
ZIW)

ZBM, ZIW

Optional
(Not in
combination
with ZBM or
ZIW)

Retail Pricing

Model Year 2017

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Effective: 07/01/16

		Start of Production	640i xDrive Gran Coupe	650i xDrive Coupe	650i xDrive Gran Coupe	650i xDrive Cabriolet
		Base Price	03/16	03/16	03/16	03/16
			\$90,900	\$100,500	\$102,000	\$111,500
300	Non-Metallic		STD	STD	STD	STD
	Alpine White					
416	Metallic		NC	NC	NC	NC
	Carbon Black Metallic					
	416 requires ordering ZBM or ZIW					(req'd)
	416 requires ordering ZG4 or ZG9		(req'd)		(req'd)	
	416 requires ordering ZG4 or ZIM			(req'd)		
475	Black Sapphire Metallic					
A52	Space Grey Metallic					
A72	Cashmere Silver Metallic					
A75	Melbourne Red Metallic					
A83	Glacier Silver Metallic					
A96	Mineral White Metallic					
B65	Jatoba					
C10	Mediterranean Blue Metallic					
X02	Citrin Black Metallic		\$1,000	\$1,000	\$1,000	\$1,000
X03	Ruby Black Metallic		\$1,000	\$1,000	\$1,000	\$1,000
X04	Moonstone Metallic		\$1,000	\$1,000	\$1,000	\$1,000
X10	Tanzanite Blue Metallic		\$1,000	\$1,000	\$1,000	\$1,000
X11	Frozen Bronze Metallic		\$2,000	\$2,000	\$2,000	\$2,000
X16	Frozen Brilliant White Metallic		\$2,000	\$2,000	\$2,000	\$2,000
Upholstery						
Dakota Leather			100%	100%	100%	100%
LCEX	Ivory Dkt Lthr					
LCEZ	Cinnamon Brown Dakota Leather					
LCSW	Black Dkt Lthr					
Nappa Leather			NC	NC	NC	NC
Nappa Leather requires ordering ZIM or ZOR				(req'd)		
Nappa Leather requires ordering ZG9 or ZOR			(req'd)		(req'd)	
Nappa Leather requires ordering ZIW or ZOR						(req'd)
Included in package			ZG9, ZOR	ZIM, ZOR	ZG9, ZOR	ZIW, ZOR
NABY	Vermillion Red Extended Nappa Leather					
NAEP	Ivory White Extended Nappa Leather					
NARQ	Cognac Extended Nappa Leather					
NASW	Black Extended Nappa Lthr					
BMW Individual Full Merino			\$5,900	\$5,900	\$5,900	\$5,900
BMW Individual Full Merino will delete 4KS and 4ND from the order			(req'd)	(req'd)	(req'd)	(req'd)
BMW Individual Full Merino requires ordering ZG9 or ZOR			(req'd)		(req'd)	
BMW Individual Full Merino requires ordering ZIM or ZOR				(req'd)		
BMW Individual Full Merino requires ordering ZIW or ZOR						(req'd)
ZBC8	Platinum Full Merino Leather					
ZBOB	Opal White Full Merino Leather w/ AmaroBrown Interior Colour			NA		NA
ZBOB requires ordering XD5			(req'd)		(req'd)	
ZBOW	Opal White Full Merino Leather w/ BlackInterior Colour					
ZBP5	Amaro Brown Full Merino Leather					
ZBP6	Champagne Full Merino Leather					
ZBWT	Cohiba Brown Full Merino Leather					
Packages						
ZBM	M Sport Package		NA	NA	NA	\$3,500
ZBM and ZIW requires ordering 300, 416, A52, A75, A83, C10, X02, X03, X04, X10,						(req'd)
ZG4	M Sport Package		\$3,500	\$3,500	\$3,500	NA
ZG4 and ZG9 requires ordering 300, 416, A52, A75, A83, C10, X02, X03, X04, X10,			(req'd)		(req'd)	
ZG4 and ZIM requires ordering 300, 416, A52, A75, A83, C10, X02, X03, X04, X10, >				(req'd)		
ZG5	Executive Package		\$7,400	\$7,400	\$7,400	\$7,400

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		Base Price	03/16	03/16	03/16	03/16
ZG9	6F2 - Bang and Olufsen Sound System		\$4,900	\$4,900	\$4,900	\$4,900
	M Sport Edition		\$8,800	NA	\$8,800	NA
	5AT - Driving Assistant Plus		\$1,000		\$1,000	
	6F2 - Bang and Olufsen Sound System		\$4,900		\$4,900	
ZII	ZG9 cannot be ordered with ZG4, ZG5, ZII or ZOR		(req'd)		(req'd)	
ZIM	Technology Package		\$3,900	\$3,900	\$3,900	\$3,900
ZIW	M Sport Edition		NA	\$8,400	NA	NA
	5AT - Driving Assistant Plus			\$1,000		
	6F2 - Bang and Olufsen Sound System			\$4,900		
	ZIM cannot be ordered with ZG4, ZG5, ZII or ZOR			(req'd)		
ZOR	M Sport Edition		NA	NA	NA	\$8,400
ZOR	5AT - Driving Assistant Plus					\$1,000
	6F2 - Bang and Olufsen Sound System					\$4,900
	ZIW cannot be ordered with ZBM, ZG5, ZII or ZOR					(req'd)
	Premium Seating Package		\$4,500	\$4,500	\$4,500	\$4,500
Options						
2NL	20" Lt/Ally V-Spoke Wheel, 374 l, perf. RFT (20x8.5, 245/35 R20 front and 20x9.0, 275/30 R20 rear)		\$1,400	\$1,400	\$1,400	\$1,400
	2NL cannot be ordered with ZG4 or ZIM			(req'd)		
	2NL cannot be ordered with ZG4 or ZG9		(req'd)		(req'd)	
	2NL cannot be ordered with ZBM or ZIW					(req'd)
2VA	Adaptive Drive		\$2,500	\$2,500	\$2,500	\$2,500
	2VA will delete STD or 100% equipment 223		(req'd)	(req'd)	(req'd)	(req'd)
2W7	20" Lt/Ally Multi-spoke Wheel, 616, perf.RFT (20x8.5, 245/35 R20 front and 20x9.0, 275/30 R20 rear)		\$1,000	\$1,000	\$1,000	\$1,000
	2W7 cannot be ordered with ZG4 or ZG9		(req'd)		(req'd)	
	2W7 cannot be ordered with ZBM or ZIW					(req'd)
	2W7 cannot be ordered with ZG4 or ZIM			(req'd)		
3YA	Moonlight Black Soft Top		NA	NA	NA	NC
3YE	Beige Soft Top		NA	NA	NA	NC
415	Electric Rear Sunshade		\$500	\$500	\$500	NA
	Included in package		ZG9		ZG9	
416	Side Sunshades		\$900	NA	\$900	NA
	416 requires ordering ZBM or ZIW					(req'd)
	416 requires ordering ZG4 or ZG9		(req'd)		(req'd)	
	Included in package		ZG9		ZG9	
	416 requires ordering ZG4 or ZIM			(req'd)		
441	Smoker's Package		\$100	\$100	\$100	\$100
464	Ski Bag		\$250	\$250	\$250	\$250
4B9	Brushed Aluminum Trim		NC	NC	NC	NC
4E0	Fineline Brown Wood Trim		NC	NC	NC	NC
4MR	Aluminum Hexagon Trim		NC	NC	NC	NC
	4MR requires ordering ZBM or ZIW					(req'd)
	4MR cannot be ordered with ZG4 or ZIM			(req'd)		
	4MR requires ordering ZG4 or ZG9		(req'd)		(req'd)	
6UK	Night Vision w/pedestrian det.		\$2,500	\$2,500	\$2,500	\$2,500
760	High-Gloss Shadow Line		NC	NC	NC	NC
	Included in package		ZG4, ZG9	ZG4, ZIM	ZG4, ZG9	ZBM, ZIW
776	Anthracite Alcantara Roofliner		\$800	\$800	\$800	NA
	Included in package		ZG4, ZG9	ZG4, ZIM	ZG4, ZG9	
XD5	BMW Individual Alcantara Roofliner		\$1,200	\$1,200	\$1,200	NA
	XD5 requires ordering ZBC8, ZBP5 or ZBP6			(req'd)		
	XD5 requires ordering ZBC8, ZBOB, ZBP5 or ZBP6		(req'd)		(req'd)	
XE5	Red Brown Dark Sycamore Wood Trim		\$1,000	\$1,000	\$1,000	\$1,000
XE7	Piano Finish Black Wood Trim		\$1,000	\$1,000	\$1,000	\$1,000
XEX	White Ash Wood Trim		\$1,000	\$1,000	\$1,000	\$1,000
ZED	European Delivery		NC	NC	NC	NC
ZIK	Sakhir Orange Metallic		\$1,000	\$1,000	\$1,000	\$1,000

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			\$90,900	\$100,500	\$102,000	\$111,500
ZIL	ZIK requires ordering ZIW					(req'd)
	ZIK requires ordering ZG9		(req'd)		(req'd)	
	ZIK requires ordering ZIM			(req'd)		
	Opal White Full Merino Leather w/SakhirOrange Contrast Stitching and Piping		\$3,900	\$3,900	\$3,900	\$3,900
	ZIL requires ordering ZIW					(req'd)
ZSP	ZIL requires ordering ZIM			(req'd)		
	ZIL requires ordering ZG9		(req'd)		(req'd)	
	Special Order		\$400	\$400	\$400	\$400
ZSR	Frozen Silver		\$2,000	\$2,000	\$2,000	\$2,000
ZSS	Frozen Grey		\$2,000	\$2,000	\$2,000	\$2,000
ZSV	BMW Individual Frozen Cashmere Silver Metallic		\$2,000	\$2,000	\$2,000	\$2,000