



6 Series

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



The Ultimate
Driving Experience.®

BMW 6 Series.

2016MY PRODUCT GUIDE.

MY16 6 Series
Technical Specifications

		650i xDrive Coupe	640i xDrive Gran Coupe	650i xDrive Gran Coupe	650i xDrive Convertible
Engine type		N63B44O1	N55B30O0	N63B44O1	N63B44O1
Transmission type		8HP70	8HP45	8HP70	8HP70
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	m ³	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
Fuel management	--	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	cm ³	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/dm ³	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	m ²	2.23	2.24	2.24	2.23
Cx	--	0.31	0.3	0.31	0.33
Air resistance	m ²	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	14.4	12.1	15.2	15.2
Fuel cons. Highway	L/100km	9.7	8.1	9.8	9.8
Fuel cons. Combined	L/100km	12.3	10.3	12.8	12.8
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 [ft ²]	ft	24.01	24.11	24.11	24.01
CxA[ft ²]	ft	7.44	7.23	7.47	7.92

Wheel Overview

Model Year 2016
Released: 01/27/15 04:24 PM

6 Series
Effective: 03/01/15



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

650i xDrive
Coupe
Standard

650i xDrive
Gran Coupe

650i xDrive
Cabriolet
Standard

Optional
(Not in
combination with
ZG9 or ZG4)

Optional
(Not in combination
with ZG4 or ZIM)

Optional
(Not in
combination with
ZG4 or ZG9)

Optional
(Not in
combination with
ZBM or ZIW)

ZG4, ZG9

ZG4, ZIM

ZG4, ZG9

ZBM, ZIW

Standard

Standard

Optional
(Not in
combination with
ZG9 or ZG4)

Optional
(Not in combination
with ZG4 or ZIM)

Optional
(Not in
combination with
ZG4 or ZG9)

Optional
(Not in
combination with
ZBM or ZIW)

Retail Pricing

Model Year 2016

6 Series

Released: 01/27/15 04:24 PM

Effective: 03/01/15

		Start of Production	640i xDrive Gran Coupe	650i xDrive Coupe	650i xDrive Gran Coupe	650i xDrive Cabriolet
		Base Price	03/15 \$89,900	03/15 \$99,500	03/15 \$101,000	03/15 \$110,500
300	Non-Metallic Alpine White		STD	STD	STD	STD
416	Metallic Carbon Black Metallic		NC	NC	NC	NC
	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)	(req'd)	(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 Leather					
	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, X11, X16					(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, X11, X16		(req'd)		(req'd)	
	ZG4 and ZIM requires ordering 300, 416, A52, A75, A83, C10, X02, X03, X04, X10, X11, X16			(req'd)		
ZG5	Executive Package		\$6,900	\$6,900	\$6,900	\$6,900
	6F2 - Bang and Olufsen Sound System		\$4,900	\$4,900	\$4,900	\$4,900
ZG9	M Sport Edition		\$8,300	NA	\$8,300	NA
	5AT - Driving Assistant Plus		\$1,000		\$1,000	
	6F2 - Bang and Olufsen Sound System		\$4,900		\$4,900	
	ZG9 cannot be ordered with ZG4, ZG5, ZII or ZOR		(req'd)		(req'd)	
ZII	Technology Package		\$3,900	\$3,900	\$3,900	\$3,900
ZIM	M Sport Edition		NA	\$7,900	NA	NA
	5AT - Driving Assistant Plus			\$1,000		

ZIW	6F2 - Bang and Olufsen Sound System		\$4,900		
	ZIM cannot be ordered with ZG4, ZG5, ZII or ZOR		(req'd)		
	M Sport Edition	NA	NA	NA	\$7,900
	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)
ZOR	Premium Seating Package	\$4,500	\$4,500	\$4,500	\$4,500
Options					
2NL	20" Lt/Aly 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/Aly 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
	ZIK requires ordering ZIW				(req'd)
	ZIK requires ordering ZG9	(req'd)		(req'd)	
	ZIK requires ordering ZIM		(req'd)		
ZIL	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)
	ZIL requires ordering ZIM		(req'd)		
	ZIL requires ordering ZG9	(req'd)		(req'd)	
ZSP	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