

5 Series Sedan

530i xDrive
540i xDrive
530e xDrive
M550i xDrive



**The Ultimate
Driving Experience.®**



BMW 5 Series Sedan.

2018MY PRODUCT GUIDE.

MY18 5 Series Sedan
Technical Specifications

		530i xDrive	540i xDrive	530e xDrive	M550i xDrive
Engine type		B46B2000	B58B30M0	B46B2000	N63B44O2
Transmission type		automatic	automatic	automatic	automatic
Code Nr./Code Nr.2		JA73	JE73	JA13	JB83
ID-Number		7373	7378	7987	7986
SOV		2016-11-01	2016-11-01	2017-03-01	2017-03-01
Seats	--	5	5	5	5
Number of Doors	--	4	4	4	4
drive type	--	AWD	AWD	AWD	AWD
Length	mm	4943	4943	4943	4943
Width	mm	1868	1868	1868	1868
Height	mm	1479	1479	1483	1467
Width incl. mirrors	mm	2126	2126	2126	2126
Width incl.mirror driver	mm	1069	1069	1069	1069
Width incl.mirror passengers side	mm	1057	1057	1057	1057
Wheelbase	mm	2975	2975	2975	2975
Overhang front	mm	869	869	869	876
Rear overhang	mm	1099	1099	1099	1111
Turning circle	m	12.22	12.22	12.24	12.24
Ground clearance	mm	139	139	146	131
Shoulder width front	mm	1490	1490	1490	1490
Shoulder room rear	mm	1420	1420	1420	1420
Elbow width front	mm	1523	1523	1523	1523
Elbowroom rear	mm	1487	1487	1487	1487
effective legroom front [L34]	mm	1052	1052	1052	1052
effective legroom rear second seating row [L51-2]	mm	928	928	928	928
Headroom front/SR	mm	996	996	985	985
Maximum headroom second	mm	954	954	952	952
Knee clearance	mm	90	90	90	90
Luggage volumes [V210-2]	m³	0.53	0.53	0.41	0.53
Approach angle front	°	15.9	15.9	16.4	13.8
Departure angle rear	°	17.1	17.1	17.4	16.2
Ramp angle	°	13	13	13.5	12
Fuel tank capacity (approx.) series	liter	68	68	46	68
Rear Weight Distribution (Empty Car)	%	47.5	46.2	50.6	45.2
Curb Weight	kg	1759	1823	2064	2058
Gross Vehicle Weight	kg	2257	2343	2481	2463
Payload	kg	390	380	365	405
Load Limit of the Front Axle	kg	1095	1170	2524	1243
Load Limit of the Rear Axle	kg	1238	1243	3095	1275
Engine type		B46B2000	B58B30M0	B46B2000	N63B44O2
Cylinders	--	4	6	4	8
Valves p.cyl.	--	4	4	4	4
Stroke	mm	94.6	94.6	94.6	88.3
Bore	mm	82	82	82	89
Displacement	cm³	1998	2998	1998	4395
Compression rate	-	10.2	11	10.2	10.5
Engine power [bHP]	bHP	248	335	180	455
at rpm	1/min	5200-6500	5500-6500	4000-6500	5500-6000
Engine torque	ft lbs	258	332	255	480
at rpm	1/min	1450-4800	1380-5200	1450-3500	1800-4750
Fuel type	--	gasoline	gasoline	gasoline	gasoline
Useable Fuel quality	--	ROZ91-100	ROZ91-100	AKI 89 MIN	AKI 89 MIN
recomm.	--	ROZ95	ROZ95	AKI 91	AKI 91
Engine oil (filling quantity)	liter	5.25	6.5	5.25	10
Engine (1. E-engine)	--	-	-	GC1P25M0	-
Engine power (cumul.) [bHP]	bHP	-	-	248	-
Engine torque (cumul.)	ft lbs	-	-	310	-
Electrification level	--	-	-	PHEV	-
Transmission type		8HP50	8HP50	8P75H	8HP75
Transmission type	--	automatic transmission	automatic transmission	automatic transmission	automatic transmission
Gear ratios 1st gear	--	5	5	4.714	5
2nd	--	3.2	3.2	3.143	3.2
3rd	--	2.143	2.143	2.106	2.143
4th	--	1.72	1.72	1.667	1.72
5th	--	1.314	1.314	1.285	1.313
6th	--	1	1	1	1
7th	--	0.822	0.822	0.839	0.823
8th	--	0.64	0.64	0.667	0.64
Reverse gear	--	3.456	3.456	3.317	3.478
Final drive ratio	--	2.929	2.929	3.231	2.813
Power-steering		EPS	EPS	EPS	EPS
Steering transmission, overall	-:1	16.3	16.3	16.3	16.3
Front tyres	--	245/40 R19 98H XL AS	245/40 R19 98H XL AS	225/55 R17 94VHAS	245/40 R19 98Y XL
Front rims	--	8J x 19 LM	8J x 19 LM	7,5J x 17 LM	8J x 19 LM
Rear tyres	--	245/40 R19 98H XL AS	245/40 R19 98H XL AS	225/50 R17 94V AS	275/35 R19 100Y XL
Rear rims	--	8J x 19 LM	8J x 19 LM	7,5J x 17 LM	9J x 19 LM
Front Track Width	mm	1599	1599	1604	1600
Rear Track Width	mm	1624	1624	1631	1597
Wheel offset front	mm	30	30	27	30
Wheel offset rear	mm	30	30	27	44
Run flat tyres	--	yes	yes	yes	yes
A	m²	2.35	2.35	2.35	2.35
Cx	--	0.27	0.27	0.27	0.28
Air resistance	m²	0.63	0.63	0.63	0.66
Top speed	km/h	210	210	210	210
Top speed optional	km/h	250	250	235	250
Top speed (electrical)	km/h	-	-	140	-
0-100km/h	s	6	4.8	6	4
Fuel cons. City	L/100km	-	-	-	-
Fuel cons. Highway	L/100km	-	-	-	-
Fuel cons. Combined	L/100km	-	-	-	-
Emission classification (type-certified)		SULEV30	ULEV70	ULEV II	ULEV II
Battery Capacity (low voltage)	Ah	90	90	90	90
System voltage (low voltage)	V	12	12	12	12
Battery Capacity (high voltage)	Ah	-	-	26	-
System voltage (high voltage)	V	-	-	351	-
Battery type high voltage	--	-	-	Li-Ion	-
Gross battery content high voltage	kWh	-	-	9.2	-
Net battery content high voltage	kWh	-	-	6.5	-
Battery Position high voltage	--	-	-	subsurface	-
charging variation 2	--	-	-	AC 3,7 kW	-
charging time 2 (0-100% SoC)	h	-	-	2.5	-
Facing surface [°]	ft	25.3	25.3	25.3	25.3
CxAtft°	ft	6.83	6.83	6.83	7.08

Wheel Overview

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				530i xDrive Sedan	530e xDrive Sedan	540i xDrive Sedan	M550i xDrive Sedan
	Code: 21P Style: 664 M	19" M Lt/Aly Wheels, Double-Spoke 664M, Perf. RFT	Front: 19x8.0, 245/40 R19 Rear: 19x9.0, 275/35 R19	Optional (Not in combination with Z2P)	Optional (Not in combination with ZSY)		
	Code: 21R Style: 664M	19" M Lt/Aly Wheels, Double-Spoke 664M, Black, Perf. RFT	Front: 19x8.0, 245/40 R19 Rear: 19x9.0, 275/35 R19	Optional (Requires Z2P)	Optional (Requires ZSY)	Optional	
	Code: 22E Style: 668M	20" M Lt/Aly Wheels, Double-Spoke 668M, Perf. Non-RFT	Front: 20x8.0, 245/35 R20 Rear: 20x9.0, 275/40 R20				Standard
	Code: 22F Style: 664 M	19" M Lt/Aly Wheels, Double-Spoke 664M, A/S. RFT	Front / Rear: 19x8.0, 245/40 R19	Standard	Standard		
	Code: 29X Style: 668M	20" M Lt/Aly Wheels, Double-Spoke 668M, Perf. RFT	Front: 20x8.0, 245/35 R20 Rear: 20x9.0, 275/40 R20				Optional (2VC will delete from the order)
	Code: 2QR Style: 759 i	20" i Lt/Aly Wheels, V- Spoke 759i, Perf. RFT	Front: 20x8.0, 245/35 R20 Rear: 20x9.0, 275/30 R20	Z2P	ZSY	Standard	
	Code: ZZL Style: 664 M	19" M Lt/Aly Wheels, Double-Spoke 664M, A/S. RFT	Front / Rear: 19x8.0, 245/40 R19			Optional	

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		Base Price	07/17	03/17	07/17	03/17
			\$62,400	\$66,900	\$69,950	\$82,000
300	Non-Metallic		STD	STD	STD	STD
	Alpine White					
416	Metallic		NC	NC	NC	NC
	Carbon Black Metallic					
475	Black Sapphire Metallic					
A90	Dark Graphite Metallic					
C10	Mediterranean Blue Metallic					
C2Y	Bluestone Metallic					
S34	Azurite Black Metallic		\$1,450	\$1,450	\$1,450	\$1,450
X08	Champagne Quartz Metallic		\$1,450	\$1,450	\$1,450	\$1,450
X14	Almandine Brown Metallic		\$1,450	\$1,450	\$1,450	\$1,450
X17	Rhodinite Silver Metallic		\$1,450	\$1,450	\$1,450	\$1,450
Upholstery						
Dakota Leather			NC	NC	NC	NC
LCEA	Canberra Beige Dkt Lthr w/Contrast Stitching/Piping					
LCEW	Ivory/Black Dkt Lthr					
	LCEW requires ordering Z1Q					(req'd)
	LCEW requires ordering Z2R				(req'd)	
	LCEW requires ordering Z2M		(req'd)	(req'd)		
LCFI	Ivory/Black Dkt Lthr w/Contrast Stitching/Piping					
LCFK	Black Dkt Lthr w/Contrast Stitching/Piping					
LCFY	Canberra Beige Dkt Lthr					
	LCFY requires ordering Z2M		(req'd)	(req'd)		
	LCFY requires ordering Z1Q					(req'd)
	LCFY requires ordering Z2R				(req'd)	
LCNL	Black Dkt Lthr w/Blue Contrast Stitching					
LCRI	Cognac Dkt Lthr					
	LCRI requires ordering Z2M		(req'd)	(req'd)		
	LCRI requires ordering Z2R				(req'd)	
	LCRI requires ordering Z1Q					(req'd)
LCRO	Cognac Dkt Lthr w/Contrast Stitching/Piping					
LCSW	Black Dkt Lthr					
	LCSW requires ordering Z2M		(req'd)	(req'd)		
	LCSW requires ordering Z2R				(req'd)	
	LCSW requires ordering Z1Q					(req'd)
LCTJ	Night Blue Dkt Lthr w/Contrast Stitching/Piping					
Nappa Leather			\$1,500	\$1,500	\$1,500	\$1,500
	Nappa Leather requires ordering Z2R				(req'd)	
	Nappa Leather requires ordering Z2E or Z2F		(req'd)	(req'd)		
	Nappa Leather requires ordering Z1Q					(req'd)
	Nappa Leather requires ordering Z2M		(req'd)	(req'd)		
LZFF	Ivory/Dark Coffee Nappa Lthr w/ContrastStitching/Piping					
LZFI	Ivory/Black Nappa Lthr w/Contrast Stitching/Piping					
LZFK	Black Nappa Lthr w/Contrast Stitching/Piping					
LZNI	Mocha Nappa Lthr w/Contrast Stitching/Piping					
BMW Individual Full Merino			\$4,900	\$4,900	\$4,900	\$4,900
	BMW Individual Full Merino will add 4M5 to the order		(req'd)	(req'd)		(req'd)
	BMW Individual Full Merino requires ordering Z2M		(req'd)	(req'd)		
	BMW Individual Full Merino requires ordering Z1Q					(req'd)
	BMW Individual Full Merino requires ordering Z2R				(req'd)	
ZBCR	Caramel Full Merino Lthr					
ZBFU	Smoke White Full Merino Lthr					
ZBTQ	Tartufo Brown Full Merino Lthr					

Packages

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		Start of Production	530i xDrive Sedan	530e xDrive Sedan	540i xDrive Sedan	M550i xDrive Sedan
		Base Price	07/17	03/17	07/17	03/17
Z1N	Premium Package Essential 6F1 - Bowers and Wilkins Diamond Surround Sound System Z1N cannot be ordered with Z2G		NA	NA	\$3,500 \$4,900 (req'd)	NA
Z1Q	Premium Package Z1Q requires ordering LCEW, LCFY, LCRI, LCSW, LZFF, LZFI, LZFK, LZNI, ZBCR, Z1Q cannot be ordered with LCEA, LCFF, LCFI, LCFK, LCRO and LCTJ		NA	NA	NA	\$6,500 (req'd) (req'd)
Z2E	Premium Package Essential Z2E cannot be ordered with Z2F		\$3,500 (req'd)	\$3,500 (req'd)	NA	NA
Z2F	Premium Package Enhanced 6F1 - Bowers and Wilkins Diamond Surround Sound System Z2F cannot be ordered with Z2E		\$6,500 \$4,900 (req'd)	\$6,500 \$4,900 (req'd)	NA	NA
Z2G	Premium Package Enhanced 6F1 - Bowers and Wilkins Diamond Surround Sound System Z2G cannot be ordered with Z1N		NA	NA	\$6,500 \$4,900 (req'd)	NA
Z2H	Driver Assistance Package 5AT - Driving Assistant Plus In combination with Z2G		\$1,900 \$1,000	\$1,900 \$1,000	\$1,900 \$1,000 \$1,500	NA
Z2M	Interior Comfort Package Z2M cannot be ordered with LCEA, LCFI, LCFK, LCNL, LCRO or LCTJ Z2M requires ordering LCEW, LCFY, LCRI, LCSW, LZFF, LZFI, LZFK, LZNI, ZBCR,		\$2,500 (req'd) (req'd)	\$2,500 (req'd) (req'd)	NA	NA
Z2P	M Performance Package Z23 - Dynamic Damper Control		\$3,000 \$1,200	NA	NA	NA
Z2R	Interior Comfort Package Z2R cannot be ordered with LCEA, LCFI, LCFK, LCNL, LCRO or LCTJ Z2R requires ordering LCEW, LCFY, LCRI, LCSW, LZFF, LZFI, LZFK, LZNI, ZBCR,		NA	NA	\$2,500 (req'd) (req'd)	NA
Z2S	M Sport Plus Package		NA	NA	\$2,000	NA
Z2T	Remote Parking Package Z2T requires ordering Z2G or Z2H Z2T requires ordering Z2H Z2T requires ordering Z2E or Z2F		\$1,500 (req'd) (req'd)	NA	\$1,500 (req'd)	NA
ZC5	Advanced Driver Assistance Package		NA	NA	NA	\$1,500
ZK9	Remote Parking Package ZK9 requires ordering Z1Q		NA	NA	NA	\$1,500 (req'd)
ZSY	M Performance Package		NA	\$3,000	NA	NA
ZTV	Smartphone Connectivity Package ZTV requires ordering Z1N or Z2G ZTV requires ordering Z1Q ZTV requires ordering Z2E or Z2F		\$750 (req'd)	\$750 (req'd)	\$750 (req'd)	\$750 (req'd)
Options						
21P	19" M Lt/Aly Wheels, Double-Spoke 664M, Perf. RFT (19x8.0, 245/40 R19 front and 19x9.0, 275/35 R19 rear) 21P cannot be ordered with Z2P 21P cannot be ordered with ZSY		\$500 (req'd)	\$500 (req'd)	NA	NA
21R	19" M Lt/Aly Wheels, Double-Spoke 664M, Black, Perf. RFT (19x8.0, 245/40 R19 front and 19x9.0, 275/35 R19 rear) 21R requires ordering Z2P 21R requires ordering ZSY		\$500 (req'd)	\$500 (req'd)	NC	NA
223	Dynamic Damper Control In combination with Z2P		NC \$1,200	\$1,200	Z2S	100%
225	Standard suspension		100%	NA	NC	NA
29X	20" M Lt/Aly Wheels, Double-Spoke 668M, Perf. RFT (20x8.0, 245/35 R20 front and 20x9.0, 275/40 R20 rear) 29X will delete 2VC from the order		NA	NA	NA	(req'd)
2NH	M Sport brake Included in package		\$750 Z2P	\$750 ZSY	\$750 Z2S	100%
2TB	Sport Auto Trans w/Paddles Included in package		\$500 Z2P	NA	100%	100%
2TE	Steptronic transmission with gearshift paddles		NA	\$500	NA	NA

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			\$62,400	\$66,900	\$69,950	\$82,000
	Included in package			ZSY		
2VA	Adaptive Drive		NA	NA	\$3,000	NA
	2VA cannot be ordered with Z2S				(req'd)	
	2VA cannot be ordered with 2VH				(req'd)	
2VH	Integral Active Steering		\$2,000	NA	\$2,000	NA
2VW	Adaptive M Suspension w/Active Roll Stabilization and Rear Steering		NA	NA	NA	\$3,500
3DS	BMW Display Key		Z2T	\$300	Z2T	ZK9
4LF	Ridge Wood Trim w/Satin Chrome Highlight		NC	NC	NC	NC
4LG	Burled Walnut Wood Trim w/Satin Chrome Highlight		NC	NC	NC	NC
4LH	Cove Wood Trim w/Satin Chrome Highlight		NC	NC	NC	NC
4LQ	Poplar Grey Wood Trim w/Satin Chrome Highlight		NC	NC	NC	NC
4M5	Walknappa Leather Dashboard		\$1,200	\$1,200	\$800	\$800
	In combination with Z2M		\$800	\$800		
	In combination with BMW Individual Full Merino		NC	NC	NC	NC
4ML	BMW Individual - Piano Black Wood Trim w/Satin Chrome Highlight		\$400	\$400	\$400	\$400
4NM	Ambient Air Package		\$400	\$400	\$400	\$400
	Included in package				Z2R	
4UY	Ski And Snowboard Bag		\$200	\$200	\$200	\$200
	4UY requires ordering Z2E or Z2F		(req'd)	(req'd)		
4WY	BMW Individual Plum Brown Wood Trim w/Satin Chrome Highlight		\$400	\$400	\$400	\$400
6F1	Bowers and Wilkins Diamond Surround Sound System		\$4,900	\$4,900	\$4,900	\$4,900
	In combination with Z2F		\$4,900	\$4,900		
	In combination with Z2G				\$4,900	
	In combination with Z1N				\$4,900	
6FH	Rear Entertainment System		\$2,500	\$2,500	\$3,000	\$2,500
6UK	Night Vision w/pedestrian det.		NA	NA	\$2,500	\$2,500
776	Anthracite Alcantara Roofliner		\$950	\$950	\$950	\$950
XEW	BMW Individual - Sen Light Brown Wood Trim		\$400	\$400	\$400	\$400
Z2X	Frozen Dark Brown		\$2,450	\$2,450	\$2,450	\$2,450
Z3K	Frozen Arctic Grey		\$2,450	\$2,450	\$2,450	\$2,450
Z78	Pure Metal Silver		\$6,900	\$6,900	\$6,900	\$6,900
ZED	European Delivery		NC	NC	NC	NC
ZIF	Brilliant White Metallic		\$1,450	\$1,450	\$1,450	\$1,450
ZSP	Special Order		\$400	\$400	\$400	\$400
ZSV	BMW Individual Frozen Cashmere Silver Metallic		\$2,450	\$2,450	\$2,450	\$2,450
ZZL	19" M Lt/Aly Wheels, Double-Spoke 664M,A/S. RFT (19x8.0, 245/40 R19)		NA	NA	NC	NA
ZZO	High-Gloss Shadow Line		NC	NC	NC	NA