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Technical Data
2014 BMW M5

		M5 Sedan	M5 Sedan
Engine type		S63B44T0	S63B44T0
Transmission type		DKG 7	manual transmission 6
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	1448 / 57	1448 / 57
Wheelbase	mm / inch	2964 / 116.7	2964 / 116.7
Turning circle	m / ft	12.4 / 40.7	12.4 / 40.7
Ground clearance	mm / inch	111 / 4.4	111 / 4.4
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)	m³ / ft³	0.520 / 18.4	0.520 / 18.4
Fuel tank capacity	liter / gal	80 / 21.1	80 / 21.1
Curb weight (US)	Kg / lbs	1991 / 4390	1975 / 4355
rear Weight distribution (empty car)	Front % / Rear%	52.5 / 47.5	52.3 / 47.7
Gross veh. weight	Kg / lbs	2411 / 5315	2411 / 5315
Payload	Kg / lbs	420 / 925	435 / 960
Axle load limit front	Kg / lbs	1179 / 2600	1179 / 2600
Axle load limit rear	Kg / lbs	1261 / 2780	1261 / 2780
Engine type / Cylinders / Valves p.cyl.		V 90 ° VANOS, Valvetronic / 8 / 4	V 90 ° VANOS, Valvetronic / 8 / 4
Fuel management		MSD 17	MSD 17
Induction Type		Two Twin Scroll Turbos	Two Twin Scroll Turbos
Injection Type		High precision direct injection	High precision direct injection
Displacement	cm³ / inch³	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	hp @ rpm	560 / 6000-7000	560 / 6000-7000
Engine torque / at rpm	ft.lbs (Nm) @ rpm	500 (680) / 1500-5750	500 (680) / 1500-5750
Compression rate / Fuel type (recomm.)	/	10 / Premium	10 / Premium
Type of transmission		M-DKG 436	G
Gear ratios 1st gear		4.806	4.055
2nd gear		2.593	2.396
3rd gear		1.701	1.582
4th gear		1.227	1.192
5th gear		1	1
6th gear		0.844	0.871
7th gear		0.671	
8th gear			
Reverse gear		4.172	3.677
Final drive		3.154	3.154
Steering type / Steering transmission, over	/:1	rack-and-pinion / 12.7	rack-and-pinion / 12.7
Front brake		disc ventilated // 16.1	disc ventilated // 16.1
Rear brake		disc ventilated // 15.6	disc ventilated // 15.6
Cx // A	// m² / ft²	0.33 // 2.4 / 25.84	0.33 // 2.4 / 25.84
Top speed	Km/h / mph	250 / 156	250 / 156
Top speed optional	Km/h / mph	/	/
Acceleration 0-60 mph	s	4.1	4.3
Acceleration 0-100Km/h	s	4.2	
Acceleration 0-1000m	s	21.7	22.1
Fuel cons. city (official EPA)	mpg	14	15
Fuel cons. highway (official EPA)	mpg	20	22
Fuel cons. combined (official EPA)	mpg	16	17
Range (Combined)	miles	338	359
Front tires		265/35 ZR20 99Y XL	265/35 ZR20 99Y XL
Rear tires		295/30 ZR20 101Y XL	295/30 ZR20 101Y XL
Front wheels		9J x 20	9J x 20
Rear wheels		10J x 20	10J x 20
Track front	mm / inch	1627 / 64.1	1627 / 64.1
Track rear	mm / inch	1582 / 62.3	1582 / 62.3