

BMW

U.S. Media Information

Technical Data

2015 BMW M4 Coupe

		M4 Coupe	M4 Coupe
Engine type		S55B30T0	S55B30T0
Transmission type		DKG 7	manual transmission 6
No of Doors / Seats	/	2 / 4	2 / 4
Veh. length	mm / inch	4687 / 184.5	4687 / 184.5
Veh. width	mm / inch	1870 / 73.6	1870 / 73.6
Veh. height	mm / inch	1383 / 54.4	1383 / 54.4
Wheelbase	mm / inch	2812 / 110.7	2812 / 110.7
Turning circle	m / ft	12.2 / 40	12.2 / 40
Ground clearance	mm / inch	121 / 4.8	121 / 4.8
Shoulder width front	mm / inch	1405 / 55.3	1405 / 55.3
Shoulder width rear	mm / inch	1313 / 51.7	1313 / 51.7
Legroom front	mm / inch	1073 / 42.2	1073 / 42.2
Legroom rear	mm / inch	857 / 33.7	857 / 33.7
Max. headroom front	mm / inch	1011 / 39.8	1011 / 39.8
Max. headroom rear	mm / inch	917 / 36.1	917 / 36.1
Luggage comp. capacity	m³ / ft³	0.445 / 11.0	0.445 / 11.0
Fuel tank capacity	liter / gal	60 / 15.8	60 / 15.8
Curb weight (US)	Kg / lbs	1626 / 3585	1601 / 3530
Weight distribution (empty car)	front % / rear %	52.3 / 47.7	51.8 / 48.2
Gross veh. weight	Kg / lbs	2062 / 4545	2041 / 4500
Payload	Kg / lbs	390 / 860	390 / 860
Axle load limit front	Kg / lbs	971 / 2140	971 / 2140
Axle load limit rear	Kg / lbs	1129 / 2490	1129 / 2490
Engine type / Cylinders / Valves p.cyl.		in line, VANOS, Valvetronic / 6 / 4	in line, VANOS, Valvetronic / 6 / 4
Induction type	/	Two single scroll turbochargers	Two single scroll turbochargers
Injection type / Injection technique	/	High precision direct injection	High precision direct injection
Displacement	cm³ / inch³	2979 / 182	2979 / 182
Stroke	mm / inch	89.6 / 3.5	89.6 / 3.5
Bore	mm / inch	84 / 3.3	84 / 3.3
Engine power / at rpm	bHP / 1/min	425 / 5500-7300	425 / 5500-7300
Engine torque / at rpm	ft.lbs (Nm) / 1/min	406 (550) / 1850-5500	406 (550) / 1850-5500
Compression rate / Fuel type (recomm.)	1 /	10.2 / Premium	10.2 / Premium
Type of gearbox		M-DKG 436	K
1st gear		4.806	4.11
2nd		2.593	2.315
3rd		1.701	1.542
4th		1.277	1.179
5th		1	1
6th		0.844	0.846
7th		0.671	
Reverse gear		4.172	3.727
Final drive		3.462	3.462
Steering type / Steering ratio	/ :1	rack-and-pinion / 15	rack-and-pinion / 15
Front brake (Compound) / diameter	/ in	disc ventilated / 15	disc ventilated / 15
Front brake (Carbon Ceramic) / diameter	/ in	disc ventilated / 15.75	disc ventilated / 15.75
Rear brake (Compound) / diameter	/ in	disc ventilated / 14.6	disc ventilated / 14.6
Rear brake (Carbon Ceramic) / diameter	/ in	disc ventilated / 15	disc ventilated / 15
Cx // A	// m² / ft²	0.34 // 2.23 / 24.01	0.34 // 2.23 / 24.01
Top speed	Kmh / mph	250 / 155	250 / 155
Top speed optional	/		/
Acceleration 0-60 mph	s	3.9	4.1
Acceleration 0-100Kmh	s	4.1	4.3
Acceleration 0-1000m	s	21.9	22.2
Fuel cons. city (official EPA)	mpg	17	17
Fuel cons. highway (official EPA)	mpg	24	26
Fuel cons. combined (official EPA)	mpg	19	20
Range	miles	300	316
Front tyres		255/40 ZR18 95Y	255/40 ZR18 95Y
Rear tyres		275/40 ZR18 99Y	275/40 ZR18 99Y
Front rims		9J x 18	9J x 18
Rear rims		10J x 18	10J x 18
Track front	mm / inch	1579 / 62.2	1579 / 62.2
Track rear	mm / inch	1603 / 63.1	1603 / 63.1
Wheel offset front / rear	mm / mm	29 / 40	29 / 40