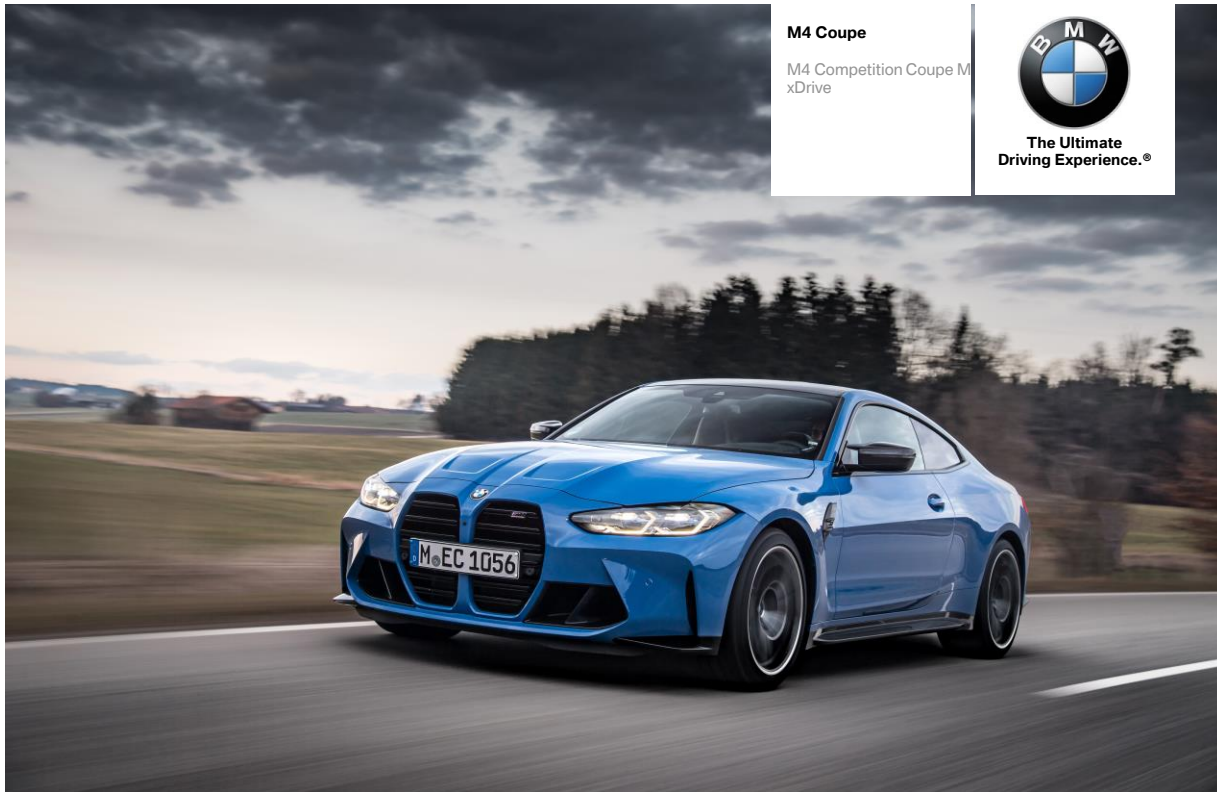




BMW M4 Coupe.

2022MY PRODUCT GUIDE.

BMW M4 Series Coupé G82	M4 Coupé	M4 Competition Coupé	M4 Competition Coupé M xDrive
New model types	53AZ	33AZ	43AZ
Basic data summary			
Transmission type	Manual	automatic	automatic
Engine description	S58B3000	S58B30T0	S58B30T0
Seats	4	4	4
Number of doors	2	2	2
Engine type	Rear-wheel drive	Rear-wheel drive	M xDrive (AWD)
Gearbox			
Combustion engine			
Transmission ratio 2nd gear**, 2nd**	2.315	3.2	3.2
Transmission ratio 7th gear**, 7th**	N/A	0.823	0.823
Transmission ratio reverse gear**	-3.727	-3.478	-3.478
Transmission ratio 6th gear**, 6th**	0.846	1	1
Transmission ratio 1st gear**, 1st**	4.111	5	5
Transmission ratio 3rd gear**, 3rd**	1.542	2.143	2.143
Transmission ratio 5th gear**, 5th**	1	1.313	1.313
Transmission ratio 4th gear**, 4th**	1.179	1.72	1.72
Transmission ratio 8th gear**, 8th**	N/A	0.64	0.64
Nr. of gears	6	8	8
Transmission type	Manual	automatic	automatic
Transmission type V	LS58	M8HP76	M8HP76
Motor data			
Motor			
Cylinders	6	6	6
Valves p.cyl.	4	4	4
Emission classification (type-certified)***	ULEV70	ULEV70	ULEV70
Engine type	S58B3000	S58B30T0	S58B30T0
Useable Fuel quality	AKI 87 MIN	AKI 87 MIN	AKI 87 MIN
Fuel type	gasoline	gasoline	gasoline
recomm.	AKI 93	AKI 93	AKI 93
Compression rate, :1	9.3	9.3	9.3
minimum Engine speed at maximum torque, 1/min	2650	2750	2750
maximum Engine speed at maximum power, 1/min	6250	6250	6250
maximum Engine speed at maximum torque, 1/min	6130	5500	5500
minimum Engine speed at maximum power, 1/min	6250	6250	6250
rpm at maximum torque, 1/min	2650-6130	2750-5500	2750-5500
rpm at maximum power, 1/min	6250-6250	6250-6250	6250-6250
Engine power (bHP), bHP	473	503	503
Displacement, cm³	2993	2993	2993
Rated engine power (kW), kW	353	375	375
Engine oil (exchange quantity), l	7	7	7
Stroke, mm	90	90	90
Bore, mm	84	84	84
Engine torque, Nm	550	650	650
Engine power (HP), PS	480	510	510
Communication			
Power to weight ratio, kg/kW	4.9	4.7	4.8
Output per litre, kW/dm³	118	125.3	125.3
US Motor conversion			

Engineoil	7.4	7.4	7.4
Engine torque, ftlbs	406	479	479
Bore (inch), inch	3.31	3.31	3.31
Lifting (inch), inch	3.54	3.54	3.54
Capacity (inch³), inch	182.62	182.62	182.62

Aerodynamics

Cx

Cx Max	0.34	0.34	0.34
Cx Min	0.34	0.34	0.34
Cx Range, m²	0.34-0.34	0.34-0.34	0.34-0.34

Cx x A

Cx x A Min, m²	0.78	0.78	0.78
Cx x A Max, m²	0.78	0.78	0.78

Dimensions

Interior

Seats overall (N-ges)	4	4	4
Seats 2.SR (N-2)	2	2	2
Head room 1.SR(H62-1), mm	1023	1023	1023
Head room 2.SR with sunroof(H61-2 SR), mm	894	894	894
Shoulder room 2.SR(W3-2), mm	1295	1295	1295
Elbow width 2.SR (W3-2), mm	1375	1375	1375
Leg room 1.SR(L34), mm	1059	1059	1059
Knee clearance 2.SR (L48-2 Prak), mm	31	31	31
Elbow width 1.SR (W3-1), mm	1465	1465	1465
Shoulder room 1.SR(W3-1), mm	1400	1400	1400
Leg room 2.SR(L51-2), mm	881	881	881
Head room 2.SR(H61-2), mm	909	909	909
Head room1.SR with sunroof (H62-1 SR), mm	965	965	965

Offroad data

Ground clearance; curb weight (H156 OTD), mm	120	120	121
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Exterior

Minimum turning circle (D102), m	12.2	12.2	12.6
Facing surface (AStirn), m²	2.29	2.29	2.29
Vehicle height, mm	1393	1393	1394
Vehicle width (W103 OTD), mm	1887	1887	1887
Vehicle width at side mirrors (W144), mm	2081	2081	2081
Wheelbase (L101), mm	2857	2857	2857
Vehicle length, mm	4804	4804	4804
Width at driver's mirror (W114-D) , mm	1046	1046	1046
Width at passenger's mirror (W114-P), mm	1035	1035	1035
Overhang rear (L105OTD), mm	1077	1077	1077
Overhang front (L104 OTD), mm	870	870	870

Luggage volumes

EPA luggage volume (SAE), ft³	12	12	12
Press luggage volume US (V US Kom), ft³	15,5	15,5	15,5
Luggage volume (V210-2 Kom), l	440	440	440

Performance /fuel eco.

Performance

Final drive ratio	3.462	3.154	3.154
Top speed, km/h	250/290	250/290	250/290
US Top speed, mph	155/180	155/180	155/180

0-100Km/h, s	4.2	3.9	3.5
0-60 mph, s	4.1	3.8	3.4
80-120Km/h (5.), s	5.6	3.4	3.4
80-120Km/h (4.), s	4.1	2.6	2.6
chassis			
Wheel/Tyres			
Rear tyres	285/35 ZR19 (103Y) XL	285/35 ZR19 (103Y) XL	285/30 ZR20 (99Y) XL
Front rims var.1	9,5J x 19	9,5J x 19	N/A
Front tyres var.1	275/35 ZR19 (100Y) XL	275/35 ZR19 (100Y) XL	N/A
Front rims	9,5J x 18	9,5J x 18	9,5J x 19
Rear rims	10,5J x 19	10,5J x 19	10,5J x 20
Front tyres	275/40 ZR18 (103Y) XL	275/40 ZR18 (103Y) XL	275/35 ZR19 (100Y) XL
Rear tyres var.1	285/30 ZR20 (99Y) XL	285/30 ZR20 (99Y) XL	N/A
Rear rims var.1	10,5J x 20	10,5J x 20	N/A
SCR (Yes/No)	no	no	no
Run flat tyres var.1	no	no	N/A
Run flat tyres	no	no	no
Wheel offset rear, mm	20	20	20
Track front var.1, mm	1617	1617	N/A
Width of the rear track, mm	1605	1605	1605
Wheel offset front, mm	20	20	20
Track front, mm	1617	1617	1617
Wheel offset front var.1, mm	20	20	N/A
Wheel offset rear var.1, mm	20	20	N/A
Track rear var.1, mm	1605	1605	N/A
Steering			
Power-steering	APA EPS	APA EPS	APA EPS
Steering transmission, overall, :1	15	15	14.6
Weight			
Vehicle weights			
rear Weight distribution (empty car), %	47.3	46.9	46.4
Curb weight (without driver), kg	1737	1760	1805
Axle load limit front, kg	1075	1075	1120
rear axle load limit, kg	1134	1134	1150
Gross veh. weight, kg	2155	2155	2205
Payload, kg	349	349	349
vehicle curb weight without driver (rear axle), kg	821	826	837
vehicle curb weight without driver (front axle), kg	916	934	968
US weights			
vehicle curb weight inkl. 100% SAa und 33% SAs, lbs	3830	3880	3979
Axle load limit rear, lbs	2500	2500	2535
gross vehicle weight, lbs	4750	4750	4861
Front axle load lbs, lbs	2370	2370	2469
Payload lbs, lbs	770	770	770
vehicle weight without driver empty fuel tank, lbs	3731	3781	3881
vehicle weight without driver empty fuel tank -FA, lbs	1998	2038	2113
vehicle weight without driver empty fuel tank -RA, lbs	1733	1743	1768
Battery			
Battery Capacity (low voltage), Ah	70	70	70
System voltage (low voltage), V	12	12	12
Dimensions conversion			

Minimum turning clearance circle (D 102), ft	40	40	41.3
Facing surface (A Stirn), ft	24.65	24.65	24.65
EPA passenger volume index front (SAE), ft³	53.6	53.6	53.6
EPA passenger volume index second (SAE), ft³	36.6	36.6	36.6
Vehicle height (inch), inch	54.8	54.8	54.9
Wheelbase(L101), inch	112.5	112.5	112.5
Head room with sunroof 2.SR (H61-2 SR), inch	35.2	35.2	35.2
Leg room 1.SR (L34), inch	41.7	41.7	41.7
Vehicle width at side mirrors (W144) , inch	81.9	81.9	81.9
Ground clearance; curb weight (H156 OTD), inch	4.7	4.7	4.8
Head room 2.SR (H61-2), inch	35.8	35.8	35.8
Vehicle length (L103 OTD), inch	189.1	189.1	189.1
Shoulder room 2.SR (W3-2), inch	51	51	51
Overhang rear (L105 OTD), inch	42.4	42.4	42.4
Leg room 2.SR (L51-2), inch	34.7	34.7	34.7
Vehicle width (W103 OTD), inch	74.3	74.3	74.3
Head room with sunroof 1.SR (H62-1 SR), inch	38	38	38
Overhang front (L104 OTD), inch	34.3	34.3	34.3
Shoulder room 1.SR (W3-1), inch	55.1	55.1	55.1
Head room 1.SR (H62-1), inch	40.3	40.3	40.3
Aerodynamics conversion			
CXA min (ft²), ft	8.38	8.38	8.38
CXA max (ft²), ft	8.38	8.38	8.38
Tank			
Fuel tank capacity (approx.) , l	59	59	59
US driving dynamic conversion			
Rear track (inch), inch	63.2	63.2	63.2
Rear track var.1 (inch), inch	63.2	63.2	N/A
Track front (inch), inch	63.7	63.7	63.7
Track front var.1 (inch), inch	63.7	63.7	N/A

Wheel Overview

Model Year 2022

M4 Coupe



Code: 1T6 Style: 825M	19"/20" Forged Wheels, Double-Spoke 825M, Bicolour, Perf	Front: 19x9.5, 275/35 R19 Rear: 20x10.5, 285/30 R20
Code: 1T7 Style: 825M	19"/20" M Forged Wheels, Double-Spoke 825M, Orbit Grey, Perf	Front: 19x9.5, 275/35 R19 Rear: 20x10.5, 285/30 R20
Code: 1T8 Style: 826M	19"/20" M Forged Wheels, Double-Spoke, 826M, Bicolour, Perf	Front: 19x9.5, 275/35 R19 Rear: 20x10.5, 285/30 R20
Code: 1T9 Style: 826M	19"/20" M Forged Wheels, Double-Spoke, 826M, Bicolour, Track Tires	Front: 19x9.5, 275/35 R19 Rear: 20x10.5, 285/30 R20
Code: 1U0 Style: 826M	19"/20" M Forged Wheels, Double-Spoke, 826M, Black, Perf	Front: 19x9.5, 275/35 R19 Rear: 20x10.5, 285/30 R20
Code: 1U1 Style: 826M	19"/20" M Forged Wheels, Double-Spoke, 826M, Black, Track Tires	Front: 19x9.5, 275/35 R19 Rear: 20x10.5, 285/30 R20

M4 Coupe	M4 Competition Coupe	M4 Competition Coupe M xDrive
Standard (Not in combination with 2NK)	Optional (Not in combination with 2NK)	Optional (Not in combination with 2NK)
Optional (Not in combination with 2NK)	Optional (Not in combination with 2NK)	Optional (Not in combination with 2NK)
Optional	Standard	Optional
Optional	Optional	Optional
Optional	Optional	Standard
Optional	Optional	Optional