

The All-New BMW M2. Technical Specifications.

		M2 DKG	M2
Engine type		N55B30T0	N55B30T0
Transmission type		DKG	manual transmission
Body			
Seats	--	4	4
Number of Doors	--	2	2
Vehicle Width	inch	73	73
Width including mirrors	inch	78.1	78.1
Vehicle Height	inch	55.5	55.5
Wheelbase	inch	106	106
Overhang front	inch	32.1	32.1
Rear overhang	inch	38.1	38.1
Ground clearance	inch	4.8	4.8
Turning circle	ft	38.4	38.4
Legroom front	inch	41.5	41.5
Legroom 2nd row	inch	33	33
Shoulder room front	inch	54.4	54.4
Shoulder room rear	inch	53.4	53.4
Headroom front	inch	40.1	40.1
Maximum headroom 2nd row	inch	36.5	36.5
Headroom front with Sunroof	inch	38.4	38.4
Maximum headroom 2st row with sunroof	inch	35.6	35.6
Front Seat Volume	ft ³	52.5	52.5
Rear Seat Volume	ft ³	37.2	37.2
Luggage vol. (EPA) - only for homologation	ft ³	10	10
Press Trunk volume (SAE)	ft ³	13.8	13.8
Ramp angle	°	12.8	12.8
US Tank capacity [gallons]	gal	13.7	13.7
rear Weight distribution (empty car)	%	48.6	48.1
US Curb weight	lbs	3450	3505
US Gross vehicle. Weight	lbs	4430	4430
US Payload	lbs	840	840
US Axle load limit of the front	lbs	2140	2140
US Axle load limit of the rear	lbs	2380	2380
US Roof load	lbs	165	165
Engine			
Engine type	--	N55B30T0	N55B30T0
Engine Technology		M TwinPower Turbo technology: TwinScroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve lift control, Double-VANOS variable camshaft timing	
Cylinders	--	6	6
Valves per cylinder	--	4	4
Stroke	mm	89.6	89.6

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Engine			
Bore	mm	84	84
Displacement	cm ³	2979	2979
Compression rate	:1	10.2	10.2
Engine power	bHP@rpm	365@6500	365@6500
Engine torque	ft-lbs@rpm	343@1400-5560	343@1400-5560
Comm. torque	--	(Overboost: 369 lb-ft)	(Overboost: 369 lb-ft)
Fuel type	--	gasoline	gasoline
Useable Fuel quality	--	AKI 91 MIN	AKI 91 MIN
recomm.	--	AKI 93	AKI 93
Air resistance	CdxA	0.35 x 2.21	0.35 x 2.21
Transmission			
Transmission designation	--	M DKG 436	K
Transmission type	--	DKG	manual transmission
Gear ratios			
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 ratio	--	3.462	3.462
Chassis and Suspension			
Power-steering	--	EPS	EPS
Steering transmission, overall	:1	15	15
Front tires	--	245/35 ZR19 (93Y)	245/35 ZR19 (93Y)
Front rims	--	9Jx19 EH2+ LM	9Jx19 EH2+ LM
Rear tires	--	265/35 ZR19 (98Y)	265/35 ZR19 (98Y)
Rear rims	--	10Jx19 EH2 LM	10Jx19 EH2 LM
Track front [inch]	inch	62.2	62.2
Rear track [inch]	inch	63	63
Run flat tires	--	no	no
Suspension	Front	Aluminum double-joint spring strut axle in lightweight construction with M-specific elastokinematics	
Suspension	Rear	Aluminum five-link axle in lightweight construction with M-specific elastokinematics	
Brakes	Front	Four-piston fixed-caliper disc brakes / vented	
Brakes	Rear	Double-piston fixed-caliper disc brakes / vented	
Driving Stability Systems		Standard: DSC incl ABS and M Dynamic Mode, CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, Active M Differential linked to Integrated Chassis Management (ICM)	
Safety Equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats	
Steering overall ratio	:1		15.0

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Performance			
Top speed	mph	155	155
0-60 mph	s	4.2	4.4
Emission classification (type-certified)	--	ULEV II	ULEV II

Electrical Systems

Battery Capacity (low voltage)	Ah	80	80
System voltage (low voltage)	V	12	12

BMW EfficientDynamics

BMW EfficientDynamics standard features

Brake Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, intelligent lightweight construction, on-demand operation of ancillary units, differential with optimized-warm-up behavior, map-regulated oil pump

The All-new BMW M2.
Output and torque diagrams.

