

BMW

U.S. Media Information

Contacts:

Thomas Plucinsky
Product & Technology Communications Manager
201-307-3783 / thomas.plucinsky@bmwna.com

David J. Buchko
Advanced Powertrain & Heritage Communications
201-307-3709 / dave.buchko@bmwna.com

Matthew Russell
BMW Product and Technology Communications
Tel. 201 307 3755
Matthew.Russell@bmwna.com

Technical Data.

2011 BMW 1 Series Coupe.

	128i		128i		135i		135i		
	Coupe		Coupe		Coupe		Coupe		
10.01.2010	Manual 6 Speed		Auto 6 Speed		Manual 6 Speed		DCT 7 Speed		
Body									
No. of Doors / Seating Capacity	-	2 / 4		2 / 4		2 / 4		2 / 4	
Vehicle Length	mm / inch	4373 / 172.2		4373 / 172.2		4373 / 172.2		4373 / 172.2	
Vehicle Width	mm / inch	1748 / 68.8		1748 / 68.8		1748 / 68.8		1748 / 68.8	
Vehicle Height, Unloaded	mm / inch	1423 / 56		1423 / 56		1408 / 55.4		1408 / 55.4	
Wheelbase	mm / inch	2660 / 104.7		2660 / 104.7		2660 / 104.7		2660 / 104.7	
Turning Circle	m / ft	10.7 / 35.1		10.7 / 35.1		10.7 / 35.1		10.7 / 35.1	
Track, Front	mm / inch	1480 / 58.3		1480 / 58.3		1470 / 57.9		1470 / 57.9	
Track, Rear	mm / inch	1513 / 59.6		1513 / 59.6		1497 / 58.9		1497 / 58.9	
Width at Shoulderheight, Front	mm / inch	1372 / 54		1372 / 54		1372 / 54		1372 / 54	
Width at Shoulderheight, Rear	mm / inch	1357 / 53.4		1357 / 53.4		1357 / 53.4		1357 / 53.4	
Effective Leg Room, Front	mm / inch	1053 / 41.5		1053 / 41.5		1053 / 41.5		1053 / 41.5	
Effective Leg Room, Rear	mm / inch	816 / 32.1		816 / 32.1		816 / 32.1		816 / 32.1	
Effective Head Room, Front	mm / inch	962 / 37.9		962 / 37.9		962 / 37.9		962 / 37.9	
Effective Head Room, Rear	mm / inch	943 / 37.1		943 / 37.1		943 / 37.1		943 / 37.1	
Trunk Volume acc SAE1100	ft³	10		10		10		10	
Fuel Capacity	L / gal	53 / 14		53 / 14		53 / 14		53 / 14	
Curb Weight	kg / lbs	1455 / 3208		1490 / 3285		1530 / 3373		1560 / 3439	
Weight Distribution Front/Rear	%	50.5 / 49.5		51.0 / 49.0		51.6 / 48.4		51.9 / 48.1	
Gross Vehicle Weight Rating (GVWR)	kg / lbs	1875 / 4134		1910 / 4211		1930 / 4255		1960 / 4321	
Payload	kg / lbs	360 / 794		360 / 794		360 / 794		360 / 794	
Axle Load Limit, front	kg / lbs	920 / 2028		920 / 2028		960 / 2116		960 / 2116	
Axle Load Limit, rear	kg / lbs	1040 / 2293		1040 / 2293		1040 / 2293		1040 / 2293	
Towing Capacity	kg / lbs	-		-		-		-	
Roof Load Limit	kg / lbs	75 / 165		75 / 165		75 / 165		75 / 165	
Drag Coefficient	Cd	0.31		0.31		0.33		0.33	
Drag Cd x A	m² / ft²	0.65 / 7.00		0.65 / 7.00		0.69 / 7.46		0.69 / 7.46	
Engine									
Engine		N52		N52		N55		N55	
Engine Type / Cylinder / Valves per Cylinder	-	Inline / 6 / 4 VANOS		Inline / 6 / 4 VANOS		Inline / 6 / 4 VANOS		Inline / 6 / 4 VANOS	
Engine Management System	-	MSV80 Port Injection		MSV80 Port Injection		MEVD 17.2 Direct Injection		MEVD 17.2 Direct Injection	
Induction System		Natural Valvetronic		Natural Valvetronic		Twin scroll turbo Valvetronic		Twin scroll turbo Valvetronic	
Boost Pressure / Overboost	bar	-		-		0.6		0.6	
Displacement	cm³ / inch³	2996 / 182.8		2996 / 182.8		2979 / 181.8		2979 / 181.8	
Stroke	mm / inch	88 / 3.46		88 / 3.46		89.6 / 3.53		89.6 / 3.53	
Bore	mm / inch	85 / 3.35		85 / 3.35		84 / 3.31		84 / 3.31	
Power	SAE hp / rpm	230 / 6500		230 / 6500		300 / 5800		300 / 5800	
Torque	ft lbs / rpm	200 (270) / 2750		200 (270) / 2750		300 / 1200-5000		300 / 1200-5000	
Compression Ratio / Fuel type	-	10.7 / Premium		10.7 / Premium		10.2 / Premium		10.2 / Premium	
Chassis and Suspension									
Codification of Reference Gearbox	-	I		GM 6		K		DKG 436	
Gear Ratios	I	4.323		4.065		4.110		4.780	
	II	2.456		2.371		2.315		3.056	
	III	1.659		1.551		1.542		2.153	
	IV	1.230		1.157		1.179		1.678	
	V	1.000		0.853		1.000		1.390	
	VI	0.848		0.674		0.846		1.203	
	VII	-		-		-		1.000	
Reverse Ratio	-	3.938		3.200		3.727		4.454	
Final Drive Ratio	-	3.231		3.727		3.077		2.563	
Steering Type / Ratio	-	Rack-and-pinion / 16		Rack-and-pinion / 16		Rack-and-pinion / 16		Rack-and-pinion / 16	
Front Brakes / Diameter	- / mm / inch	Vent. Disc / 300 / 11.8		Vent. Disc / 300 / 11.8		Vent. Disc / 338 / 13.3		Vent. Disc / 338 / 13.3	
Rear Brakes / Diameter	- / mm / inch	Vent. Disc / 300 / 11.8		Vent. Disc / 300 / 11.8		Vent. Disc / 324 / 12.8		Vent. Disc / 324 / 12.8	
Tire Type, Front	-	205/50 R17 91H RSC AS		205/50 R17 91H RSC AS		215/40 R18 85Y RSC		215/40 R18 85Y RSC	
Tire Type, Rear	-	205/50 R17 91H RSC AS		205/50 R17 91H RSC AS		245/35 R18 88Y RSC		245/35 R18 88Y RSC	
Tire Type, Front w. Sport Package	-	205/50 R17 V RSC		205/50 R17 V RSC		215/40 R18 85Y RSC		215/40 R18 85Y RSC	
Tire Type, Rear w. Sport Package	-	225/45 R17 V RSC		225/45 R17 V RSC		245/35 R18 88Y RSC		245/35 R18 88Y RSC	
Wheels, Front	-	7J x 17 Light alloy		7J x 17 Light alloy		7.5J x 18 Light alloy		7.5J x 18 Light alloy	
Wheels, Rear	-	7J x 17 Light alloy		7J x 17 Light alloy		8.5J x 18 Light alloy		8.5J x 18 Light alloy	
Wheels, Front w. Sport Package	-	7J x 17 Light alloy		7J x 17 Light alloy		7.5J x 18 Light alloy		7.5J x 18 Light alloy	
Wheels, Rear w. Sport Package	-	7.5J x 17 Light alloy		7.5J x 17 Light alloy		8.5J x 18 Light alloy		8.5J x 18 Light alloy	
Performance									
Top Speed	km/h / mph	210 / 130		210 / 130		240 / 150		240 / 150	
Top speed w. Sport Package	km/h / mph	240 / 150		240 / 150		240 / 150		240 / 150	
Acceleration, 0-60 mph	s	6.1		6.7		5.1		5.0	
Acceleration, 0-100 Km/h	s	6.4		7.0		5.4		5.2	
Fuel Economy, EPA Estimate - City	mpg	18		18		20		18	
Fuel Economy, EPA Estimate - Highway	mpg	28		28		28		25	
Fuel Economy, EPA Estimate - Combined	mpg	22		22		23		21	
Approximate Range	km / miles	500 / 310		500 / 310		520 / 325		475 / 300	