

Technical data		BMW UK			
2 Series Coupé LCI [F22LCI]		Effective Production Week 44 2017			
Changes from Production week 44, 2017.					
		M240i Coupé	M240i Coupé	218d Coupé	218d Coupé
Engine type		B58B30M0	B58B30M0	B47D20U0	B47D20U0
Transmission type		manual transmission 6	automatic transmission 8	manual transmission 6	automatic transmission 8
Seats	4	4	4	4	4
Number of Doors	--	2	2	2	2
Veh. Length (without number plate)	mm	4454	4454	4432	4432
Width	mm	1774	1774	1774	1774
Height	mm	1408	1408	1418	1418
Veh. Height max.	mm	1408	1408	1418	1418
Width incl. mirrors	mm	1984	1984	1984	1984
Width incl. mirror driver	mm	1001	1001	1001	1001
Width incl. mirror passengers side	mm	983	983	983	983
Wheelbase	mm	2690	2690	2690	2690
Overhang front	mm	802	802	780	780
Rear overhang	mm	962	962	962	962
Turning circle	m	10.9	10.9	10.9	10.9
Ground clearance	mm	130	130	140	140
Shoulder width front	mm	1383	1383	1383	1383
Shoulder room rear	mm	1357	1357	1357	1357
Elbow width front	mm	1436	1436	1436	1436
Elbowroom rear	mm	1403	1403	1403	1403
Effective legroom front	mm	1055	1055	1055	1055
Effective legroom rear second seating row	mm	837	837	837	837
Max. headroom front	mm	1018	1018	1018	1018
Maximum headroom rear	mm	927	927	927	927
Headroom front/SR	mm	975	975	975	975
Maximum headroom second	mm	903	903	903	903
Knee clearance	mm	5	5	5	5
Luggage volume	litres	290	290	290	290
Fuel tank capacity (approx.)	litres	52	52	52	52
Curbs weight (DIN)	kg	1470	1485	1375	1395
curb weight (EC)	kg	1545	1560	1450	1470
rear Weight distribution (empty car)	%	47	46.9	48.8	48.1
Gross veh. weight	kg	1980	1995	1885	1905
Payload	kg	510	510	510	510
Axle load limit front	kg	975	975	900	900
rear axle load limit	kg	1100	1100	1055	1055
Gross veh. weight f.w.trailer	kg	-	-	1960	1980
Rear axle load w. trailer	kg	-	-	1175	1175
Payload w. trailer	kg	-	-	585	585
Trailer load braked 12%	kg	-	-	1500	1500
Trailer load braked 8%	kg	-	-	1500	1500
Trailer load unbraked	kg	-	-	690	690
Trailer nose weight	kg	-	-	75	75
Roof load	kg	75	75	75	75
Engine type	--	B58B30M0	B58B30M0	B47D20U0	B47D20U0
Cylinders	--	6	6	4	4
Valves p/cyl.	--	4	4	4	4
Stroke	mm	94.6	94.6	90	90
Bore	mm	82	82	84	84
Displacement	cm³	2998	2998	1995	1995
Compression rate	:1	11	11	16.5	16.5
Rated engine power [kW]	kW	250	250	110	110
Engine power [HP]	PS	340	340	150	150
Engine power [bHP]	bHP	335	335	148	148
at rpm	1/min	5500	5500	4000	4000
Engine torque	Nm	500	500	320	320
Engine torque	ft lbs	369	369	236	236
at rpm	1/min	1520-4500	1520-4500	1500-3000	1500-3000
Fuel type	--	gasoline	gasoline	diesel	diesel
Useable Fuel quality	--	ROZ90-98	ROZ90-98	Diesel	Diesel
recomm.	--	ROZ95	ROZ95	Diesel	Diesel
Engine oil (filling quantity)	litres	6.5	6.5	5	5
Output per litre	kW/dm³	83.4	83.4	55.1	55.1
Power to weight ratio	kg/kW	5.9	5.9	12.7	12.7
Transmission type	--	K-Benzon-BK	8HP50	I-Diesel-BK	8HP50
Transmission type	--	manual transmission	automatic transmission	manual transmission	automatic transmission
Gear ratios 1st gear	--	4.11	5	4.002	5
2nd	--	2.315	3.2	2.109	3.2
3rd	--	1.542	2.143	1.396	2.143
4th	--	1.179	1.72	1	1.72
5th	--	1	1.314	0.781	1.314
6th	--	0.846	1	0.668	1
7th	--	-	0.822	-	0.822
8th	--	-	0.64	-	0.64
Reverse gear	--	3.727	3.456	3.647	3.456
Final drive ratio	--	3.077	2.813	3.077	2.647
Steering type	--	rack-and-pinion	rack-and-pinion	rack-and-pinion	rack-and-pinion
Power-steering	--	EPS	EPS	EPS	EPS
Steering transmission, overall	:1	14.5	14.5	15	15
Track front	mm	1516	1516	1521	1521
Width of the rear track	mm	1534	1534	1556	1556
Wheel offset front	mm	45	45	40	40
Wheel offset rear	mm	52	52	40	40
A	m²	2.14	2.14	2.14	2.14
Cx	--	0.33	0.33	0.29	0.29
Air resistance	m²	0.71	0.71	0.62	0.6
Top speed	km/h	250	250	213	213
top speed [mph]	mph	155	155	132	132
0-62mph	s	4.8	4.6	8.4	8.2
50-75mph (4th gear)	s	-	-	-	-
50-75mph (5th gear)	s	-	-	9.7	-
Fuel Consumption and emissions					
17" wheels (24A, 26T, 2DT, 2LP)					
KV01 city	mpg (l/100km)	-	-	55.4 / 5.1	57.6 / 4.9
KV01 Highway	mpg (l/100km)	-	-	74.3 / 3.8	78.5 / 3.6
KV01 Combined	mpg (l/100km)	-	-	65.7 / 4.3	68.9 / 4.1
CO2	g/km	-	-	113	108
18" wheels (2A7, 2L9, 20W, 20Y, 21A, 21U, 2PG)					
KV01 city	mpg (l/100km)	26.6 (10.6)	30.1 (9.4)	53.3 / 5.3	56.5 / 5.0
KV01 Highway	mpg (l/100km)	45.6 (6.2)	48.7 (5.8)	72.4 / 3.9	74.3 / 3.8
KV01 Combined	mpg (l/100km)	36.2 (7.8)	39.8 (7.1)	64.2 / 4.4	67.3 / 4.2
CO2	g/km	179	163	116	111
Emission classification (type-certified)	--	EU6	EU6	EU6	EU6
CO	g/km	0.1743	0.3065	0.2487	0.169
NOx	g/km	0.039	0.0174	0.0289	0.0295
HC	g/km	0.0402	0.0469	-	-
NMHC	g/km	0.0326	0.037	-	-
HC+NOx	g/km	-	-	0.0461	0.0355
Particles	g/km	0.00035	0.00037	0.00005	0.00009
N-Particles	--	1.49	1.32	-	-
Driving noise	dB(A)	73	72	73	73
Standing noise	dB(A)	83	83	79	80
Standing noise / rpm	1/min	3750	3750	3000	3000
SCR Tank	--	No	No	No	No
AdBlue tank capacity	litres	-	-	-	-
Battery Capacity (low voltage)	Ah	60	80	80	90
System voltage (low voltage)	V	12	12	12	12
Engine type	--	in line	in line	in line	in line
Fuel management	--	TBC	TBC	DDE 7.01	DDE 7.01
Charging Type	--	TwinPower Turbo	TwinPower Turbo	VTG (Variable Turbine Geometry	VTG (Variable Turbine Geometry
Charging Technique	--	TwinScroll Turbo Technology	TwinScroll Turbo Technology	Variable Geometry Turbo Technology	Variable Geometry Turbo Technology
Injection type	--	High precision direct injection	High precision direct injection	Common rail direct injection	Common rail direct injection
Injection technique	--	DI2, VVT	DI2, VVT	CRS 2-20	CRS 2-20
Suspension type front	--	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle
Rear suspension	--	five-link suspension	five-link suspension	five-link suspension	five-link suspension
Front brake	--	disc ventilated	disc ventilated	disc ventilated	disc ventilated
Rear brake	--	disc ventilated	disc ventilated	disc	disc
Generator amperage	A	TBC	TBC	150	150
Alternator output	W	TBC	TBC	2100	2100
BMW EfficientDynamics					
Auto Start-Stop		•	•	•	•
Brake Energy Regeneration		•	•	•	•
ECO PRO mode		•	•	•	•
Electric Power Steering (EPS)		•	•	•	•
Lightweight engineering		•	•	•	•
Optimum Shift Indicator (with 20S/2TB on in manual mode)		•	•	•	•
Reduced rolling resistance tyres		-	-	•	•

Technical data		BMW UK			
2 Series Coupé LCi [F22LCi]		Effective Production Week 44 2017			
Changes from Production week 44, 2017:		220d	220d	220d xDrive	225d
		Coupé	Coupé	Coupé	Coupé
Engine type		B47D2000	B47D2000	B47D2000	B47D20T0
Transmission type		manual transmission 6	automatic transmission 8	automatic transmission 8	automatic transmission 8
Seats	--	4	4	4	4
Number of Doors	--	2	2	2	2
Veh. Length (without number plate)	mm	4432	4432	4432	4432
Width	mm	1774	1774	1774	1774
Height	mm	1418	1418	1418	1418
Veh. Height max.	mm	1418	1418	1418	1418
Width inc. mirrors	mm	1984	1984	1984	1984
Width incl.mirror driver	mm	1001	1001	1001	1001
Width incl.mirror passengers side	mm	983	983	983	983
Wheelbase	mm	2690	2690	2690	2690
Overhang front	mm	780	780	780	780
Rear overhang	mm	962	962	962	962
Turning circle	m	10.9	10.9	11.3	10.9
Ground clearance	mm	140	140	140	140
Shoulder width front	mm	1383	1383	1383	1383
Shoulder room rear	mm	1357	1357	1357	1357
Elbow width front	mm	1436	1436	1436	1436
Elbowroom rear	mm	1403	1403	1403	1403
Effective legroom front	mm	1055	1055	1055	1055
Effective legroom rear second seating row	mm	837	837	837	837
Max. headroom front	mm	1018	1018	1018	1018
Maximum headroom rear	mm	927	927	927	927
Headroom frontSR	mm	975	975	975	975
Maximum headroom second	mm	903	903	903	903
Knee clearance	mm	5	5	5	5
Luggage volume	litres	390	390	390	390
Fuel tank capacity (approx.)	litres	52	52	52	52
Curb weight (DIN)	kg	1390	1410	1485	1430
curb weight (EC)	kg	1465	1485	1560	1505
rear Weight distribution (empty car)	%	49	48.3	47.9	48
Gross veh. weight	kg	1900	1920	1995	1940
Payload	kg	510	510	510	510
Axle load limit front	kg	905	905	960	920
rear axle load limit	kg	1065	1065	1100	1080
Gross veh. weight w/trailer	kg	1975	1995	2070	2015
Rear axle load w. trailer	kg	1185	1185	1220	1200
Payload w. trailer	kg	585	585	585	585
Trailer load braked 12%	kg	1500	1500	1500	1500
Trailer load braked 8%	kg	1500	1500	1500	1500
Trailer load unbraked	kg	710	710	750	710
Trailer nose weight	kg	75	75	75	75
Roof load	kg	75	75	75	75
Engine type	--	B47D2000	B47D2000	B47D2000	B47D20T0
Cylinders	--	4	4	4	4
Valves p/cyl.	--	4	4	4	4
Stroke	mm	90	90	90	90
Bore	mm	84	84	84	84
Displacement	cm³	1995	1995	1995	1995
Compression rate	:1	16.5	16.5	16.5	16.5
Rated engine power [kW]	kW	140	140	140	165
Engine power [HP]	PS	190	190	190	224
Engine power [bHP]	bHP	188	188	188	221
at rpm	1/min	4000	4000	4000	4400
Engine torque	Nm	400	400	400	450
Engine torque	ft.lbs	295	295	295	332
at rpm	1/min	1750-2500	1750-2500	1750-2500	1500-3000
Fuel type	--	diesel	diesel	diesel	diesel
Usable Fuel quality	--	Diesel	Diesel	Diesel	Diesel
recomm.	--	-	-	-	Diesel
Engine oil (filling quantity)	litres	5	5	5	5
Output per litre	kWhdm³	70.2	70.2	70.2	82.7
Power to weight ratio	kg/kW	9.9	10.1	10.6	8.7
Transmission type	--	K. welt	8HP50	8HP50	8HP50
Transmission type	--	manual transmission	automatic transmission	automatic transmission	automatic transmission
Gear ratios 1st gear	--	4.11	5	5	5
2nd	--	2.248	3.2	3.2	3.2
3rd	--	1.403	2.143	2.143	2.143
4th	--	1	1.72	1.72	1.72
5th	--	0.802	1.314	1.314	1.314
6th	--	0.659	1	1	1
7th	--	-	0.822	0.822	0.822
8th	--	-	0.64	0.64	0.64
Reverse gear	--	3.727	3.456	3.456	3.456
Final drive ratio	--	3.077	2.647	2.647	2.647
Steering type	--	rack-and-pinion	rack-and-pinion	rack-and-pinion	rack-and-pinion
Power-steering	--	EPS	EPS	EPS	EPS
Steering transmission, overall	:1	15	15	15.1	15
Track front	mm	1521	1521	1522	1521
Width of the rear track	mm	1556	1556	1556	1556
Wheel offset front	mm	40	40	40	40
Wheel offset rear	mm	40	40	40	40
A	m²	2.14	2.14	2.14	2.14
Cx	--	0.28	0.29	0.29	0.29
Air resistance	m²	0.6	0.62	0.62	0.62
Top speed	km/h	230	230	225	243
top speed [mph]	mph	143	143	140	151
0-62mph	s	7.1	7	6.9	6.2
50-75mph (4th gear)	s	-	-	-	-
50-75mch (5th gear)	s	7.2	-	-	-
Fuel Consumption and emissions					
17" wheels (24A, 26T, 2DT, 2LP)					
KV01 city	mpg (l/100km)	53.3 / 5.3	58.9 / 4.8	53.3 / 5.3	-
KV01 Highway	mpg (l/100km)	76.3 / 3.7	74.3 / 3.8	68.9 / 4.1	-
KV01 Combined	mpg (l/100km)	65.7 / 4.3	68.9 / 4.1	62.8 / 4.5	-
CO2	g/km	112	109	119	-
18" wheels (2A7, 2L9, 20W, 20Y, 21A, 21U, 2PG)					
KV01 city	mpg (l/100km)	52.3 / 5.4	56.5 / 5.0	51.4 / 5.5	52.3 / 5.4
KV01 Highway	mpg (l/100km)	74.3 / 3.8	72.4 / 3.9	65.7 / 4.3	68.9 / 4.1
KV01 Combined	mpg (l/100km)	64.2 / 4.4	65.7 / 4.3	60.1 / 4.7	61.4 / 4.6
CO2	g/km	115	113	124	121
Emission classification (type-certified)	--	EU6	EU6	EU6	EU6
CO	g/km	0.1808	0.1019	0.1019	0.1051
NOx	g/km	0.0239	0.0199	0.0199	0.0368
HC	g/km	-	-	-	-
NMHC	g/km	-	-	-	-
HC+NOx	g/km	0.0414	0.0256	0.0256	0.0453
Particles	g/km	0.00002	0.00007	0.00007	0.00001
N-Particles	--	-	-	-	-
Driving noise	dB(A)	71	69	68	68
Standing noise	dB(A)	75	75	75	78
Standing noise / rpm	1/min	3000	3000	3000	3300
SCR Tank	--	No	No	No	No
AdBlue tank capacity	litres	-	-	-	-
Battery Capacity (low voltage)	Ah	80	90	90	90
System voltage (low voltage)	V	12	12	12	12
Engine type	--	in line	in line	in line	in line
Fuel management	--	DDE 7.01	DDE 7.01	DDE 7.01	DDE 7.51
Charging Type	--	VNT (Variable geometry turbo)	VNT (Variable geometry turbo)	VNT (Variable geometry turbo)	Bi-VTG
Charging Technique	--	Variable Geometry Turbo Technology	Variable Geometry Turbo Technology	Variable Geometry Turbo Technology	Variable Geometry Turbo Technology
Injection type	--	Common rail direct injection	Common rail direct injection	Common rail direct injection	Common rail direct injection
Injection technique	--	CRS 2-20	CRS 2-20	CRS 2-20	CRS 3-25
Suspension type front	--	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle
Rear suspension	--	five-link suspension	five-link suspension	five-link suspension	five-link suspension
Front brake	--	disc ventilated	disc ventilated	disc ventilated	disc ventilated
Rear brake	--	disc ventilated	disc ventilated	disc ventilated	disc ventilated
Generator amperage	A	150	150	150	150
Alternator output	W	2100	2100	2100	2100
BMW EfficientDynamics					
Auto Start-Stop		●	●	●	●
Brake Energy Regeneration		●	●	●	●
ECO PRO mode		●	●	●	●
Electric Power Steering (EPS)		●	●	●	●
Lightweight engineering		●	●	●	●
Optimum Shift Indicator (with 20S/2TB on in manual mode)		●	●	●	●
Reduced rolling resistance tyres		●	●	●	●

Technical data		BMW UK	
M2 Coupé LCI [F87LCI]		Effective Production Week 44 2017	
		M2 Coupé	M2 Coupé
Engine type		N55B30T0	N55B30T0
Transmission type		manual transmission 6	M DCT 7
Seats	--	4	4
Number of Doors	--	2	2
Veh. length	mm	4468	4468
width	mm	1854	1854
height	mm	1410	1410
Width inc. mirrors	mm	1984	1984
Width incl.mirror driver	mm	1001	1001
Width incl.mirror passengers side	mm	983	983
Wheelbase	mm	2693	2693
Overhang front	mm	807	807
Rear overhang	mm	968	968
Turning circle	m	11.7	11.7
Ground clearance	mm	123	123
Shoulder width front	mm	1383	1383
Shoulder room rear	mm	1357	1357
Elbow width front	mm	1436	1436
Elbowroom rear	mm	1403	1403
effective legroom front [L34]	mm	1055	1055
effective legroom rear second seating row [L51-2]	mm	837	837
Max. headroom front	mm	1018	1018
Maximum headroom rear	mm	927	927
Headroom front/SR	mm	975	975
Maximum headroom second	mm	903	903
Knee clearance	mm	5	5
Luggage volumes	litres	390	390
Approach angle front	°	13	13
Departure angle rear	°	15.7	15.7
Ramp angle	°	12.8	12.8
Fuel tank capacity (approx.)	litres	52	52
Curb weight (DIN)	kg	1495	1520
curb weight (EC)	kg	1570	1595
rear Weight distribution (empty car)	%	48.6	48.1
Gross veh. weight	kg	2010	2010
Payload	kg	515	490
Axle load limit front	kg	970	970
rear axle load limit	kg	1080	1080
Roof load	kg	75	75
Engine type	--	N55B30T0	N55B30T0
Cylinders	--	6	6
Valves p.cyl.	--	4	4
Stroke	mm	89.6	89.6
Bore	mm	84	84
Displacement	cm³	2979	2979
Compression rate	:1	10.2	10.2
Rated engine power [kW]	kW	272	272
Engine power (HP)	PS	370	370
Engine power [bHP]	bHP	365	365
at rpm	1/min	6500	6500
Engine torque	Nm	465	465
Engine torque	ft lbs	343	343
Comm. torque	--	(Overboost: 500Nm)	(Overboost: 500Nm)
at rpm	1/min	1400-5560	1400-5560
Fuel type	--	gasoline	gasoline
Useable Fuel quality	--	ROZ95-98	ROZ95-98
recomm.	--	ROZ98	ROZ98
Engine oil (filling quantity)	liter	6.5	6.5
Output per litre	kW/dm³	91.3	91.3
Power to weight ratio	kg/kW	5.5	5.6
Transmission type	--	K	M DKG 436
Transmission type	--	manual transmission	DKG
Gear ratios 1st gear	--	4.11	4.806
2nd	--	2.315	2.593
3rd	--	1.542	1.701
4th	--	1.179	1.277
5th	--	1	1
6th	--	0.846	0.844
7th	--	-	0.671
Reverse gear	--	-3.727	-4.172
Final drive ratio	--	3.462	3.462
Power-steering	--	EPS	EPS
Steering transmission, overall	:1	15	15
Front tyres	--	245/35 ZR19 (93Y)	245/35 ZR19 (93Y)
Front rims	--	9Jx19 EH2+ LM	9Jx19 EH2+ LM
Rear tyres	--	265/35 ZR19 (98Y)	265/35 ZR19 (98Y)
Rear rims	--	10Jx19 EH2 LM	10Jx19 EH2 LM
Track front	mm	1579	1579
Width of the rear track	mm	1601	1601
Wheel offset front	mm	29	29
Wheel offset rear	mm	40	40
Run flat tyres	--	no	no
Minimum track	m	11.2	11.2
A	m²	2.21	2.21
Cx	--	0.35	0.35
Air resistance	m²	0.77	0.77
Top speed (limited)	mph	155	155
Top speed (limited)	km/h	250	250
0-62mph	s	4.5	4.3
KV01 city	mpg	24.4	26.9
KV01 highway	mpg	42.2	44.1
KV01 combined	mpg	33.2	35.8
KV01 city	l/100km	11.6	10.5
KV01 highway	l/100km	6.7	6.4
KV01 combined	l/100km	8.5	7.9
CO2 combined	g/km	199	185
Emission classification (type-certified)	--	EU6	EU6
SCR Tank	--	No	No
AdBlue tank capacity	litres	-	-
Battery Capacity (low voltage)	Ah	80	80
System voltage (low voltage)	V	12	12