

Phil Hawksley's BM Bikes

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BMW K1200LT Specifications

Start of Production 1996

End of Production N/A

Numbers Produced N/A

Price (2003) UK £ 12,495



Engine

Motor Type	Water cooled 4 stroke in line four cylinder engine. two camshafts, four valves per cylinder
Bore x Stroke	70.5 x 75 mm (2.77 X 2.95 In)
Displacement	1172 cc
Max Power	98 hp (72 KW) at 6,750 rpm
Max Torque	115 Nm / 84 ft lb at 4,750 rpm
Compression Ratio	10.8 : 1
Mixture Control / Engine Management	Electronic intake pipe injection / BMW engine management, Motronic MA 2.4 with overrun fuel cut off
Emission Control	Closed Loop 3 Way Catalytic Converter

Power Transmission

Clutch	Single disc dry clutch, hydraulically operated
Number of Gears	Constant mesh 5 speed gearbox (overdrive) plus additional reverse gear help
Gearbox Ratios	2.050 / 1.600 / 1.270 / 0.960 / 0.700 : 1
Rear Wheel Ratio	1 : 2.75
Drive	Shaft Drive

Electrical System

Alternator	840W three phase alternator
Battery	12V / 19 Ah

Chassis

Type of Frame	Bridging frame consisting of die cast aluminium, engine de-coupled from vibration through bearings
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Front wheel suspension	BMW Motorrad Telelever; stanchion diameter 35 mm, central strut Die cast aluminium single sided swinging arm with BMW Motorrad Paralever;
Rear wheel suspension	central strut, spring pre load adjustable to continuously variable levels by mean of hydraulic handwheel
Spring Travel Front/Rear	102 / 130 mm (4.01 x 5.11 in)
Castor (in normal position)	108.7 mm / 4.27 in
Steering Head Angle (in normal position)	63.18 degrees
Wheels	Die cast aluminium wheels
Wheel Rims, Front	3.50 x 17
Wheel Rims, Rear	5.00 x 17
Tyres, Front	120 / 70 ZR 17
Tyres, Rear	160 / 70 ZR 17
Brakes, Front	EVO brake system with dual disc, floating brake discs, diameter 320 mm / 12.6 in , 4 piston fixed caliper
Brakes, Rear	Single disc floating brake 285 mm / 11.22 in diameter, 4 piston fixed caliper
ABS	Series Equipment BMW Motorrad Integral ABS (fully integral)

Dimensions/Weights

Length x Width x Height	2508 x 1080 x 1395 (1915 with aerial) mm (98.74 x 42.51 x 54.92 in (75.39 with aerial))
Wheel Base	1632 mm / 62.25 in
Useable Tank Volume	24 litres / 5.27 gal / 6.34 gal US
Unladen Weight with Full Tank	378.5 Kg / 833 lb
Dry Weight	345 Kg / 759 lb
Permitted Total Weight	600 Kg / 1321 lb
Seat Height (Unladen)	770 mm / 800 mm (30.30 / 31.50 inches)
Fuel Consumption over 100 Km at constant 90 Kph	4.3 litres / 65 mpg / 54 mpg US
Fuel Consumption over 100 Km at constant 120 Kph	5.7 litres / 49 mpg / 41 mpg US
Fuel Type	Unleaded Premium, min. octane rating 95 (RON)
Top Speed	197 Kph / 122 Mph