

2001 BMW R 1100 R L

Importer: BMW of North America, Inc.

Manufacturer: BMW AG, Munich, Germany

Mfr.'s Suggested Retail Price: *\$8,990.00

*Actual Price Determined by Dealer

Price excludes taxes, license, options, and handling charges.

MSRP includes equalized freight charges.

Engine

Type Air cooled/Oil cooled twin cylinder

Bore x stroke 99 mm x 70.5 mm

Displacement 1085 cc

Horsepower 80 bhp @ 6750 rpm

Torque 70.13 lb.-ft. @ 5250 rpm

Compression ratio 10.3:1

Valve gear HC, chain-driven

Valves 2x34 mm intake / 2x29 mm exhaust

Valve timing intake opens 10 degrees after TDC

(measured at 3 mm intake closes 36 degrees after BDC

valve clearance) exhaust opens 35 degrees before BDC

exhaust closes 3 degrees before TDC

Valves per cylinder four

Engine oil capacity 4 quarts of SF, SG motor oil, also w/CC or CD

Engine oil filter spin-on Micronic filter cartridge

Carburetion fuel injection and electronic ignition MA 2.2

Ignition controlled by Bosch Motronic MA 2.2

Fuel demand unleaded, middle-grade premium, 90 AKI

Fuel tank steel tank with enclosed fuel pump & filter

Fuel capacity 5.5 U.S. gallons including 1 gal. reserve

Air Filter Paper-type element

Charging system 14 V, 50 Amp Alternator (700 W)

Battery BMW Mareg, 12V - 19 Amp/h low maintenance

Cooling system combined air/oil cooled

Drivetrain

Primary drive helical-cut gears with tensioner

Clutch 180 mm dry, single plate with diaphragm spring

Gear ratios 1st gear: 4.16:1 4th gear: 1.74:1

2nd gear: 2.91:1 5th gear: 1.45:1

3rd gear: 2.13:1

Drive system enclosed driveshaft with two universal joints

and integral torsional damper

Final drive spiral bevel gears, 3.0:1 ratio (33/11)

Frame and Suspension

Frame New 3-section frame concept

Front suspension Telelever with central spring strut.

Linear-rate coil spring. Twin-tube gas-filled.

Travel / dimensions 4.72 inches total travel

Rear suspension Patented BMW Paralever swingarm & shaft drive,
single shock with variable rebound damping

Travel / dimensions 5.31 inches total travel, 7-position preload

Brakes

Brake system

Front brakes two 4-piston calipers, wear compensation

Front rotors dual 12.0 inch floating rotors

Actuation method hydraulic, DOT 4 fluid type

Rear brake one 2-piston caliper, floating mount

Rear rotor single 10.9 inch fixed rotor

Actuation method hydraulic, DOT 4 fluid type

Wheels and Tires

Front wheel Patented Cross Spoke Wheels

Rear wheel Patented Cross Spoke Wheels

Front tire 120/70 - ZR 17 tubeless

Rear tire 160/60 - ZR 18 tubeless

Dimensions

Overall length 85.68 inches (2197 mm)

Overall width 35.02 inches (898 mm) (over mirrors)

Wheelbase 57.99 inches (1487 mm) (unladen)

Ground clearance 5.38 inches (138 mm) (unladen)

Seat height 29.9 / 30.7 / 31.5 inches (760 / 780 / 800 mm)

Handlebar width 29.68 inches (761 mm)(with weights)

Steering angle 64.5 degrees

Front wheel trail 4.72 inches (120 mm) (unladen)

Weight - dry 482 lbs.

Weight - wet 518 lbs.

Maximum load 990 lbs. gross vehicle weight rating

Wheel load Front=396 lbs

limits Rear=660 lbs

Available colors

Night Black # 716 with white pinstriping

Standard Equipment

-Adjustable seat height (three positions)

-Single key lock system for ignition, steering, fuel cap, seat storage
compartment locks

-Integrated ignition and steering lock

-High mounted stainless steel muffler

-Electronically-controlled 3-way catalytic converter

-Hazard warning flashers

-Power accessory socket

-Chrome valve covers

-Adjustable front brake lever

-Cross-spoke wheels

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