

# 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 (measured at 3 mm valve clearance)	intake opens 10 degrees after TDC intake closes 36 degrees after BDC 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 limits	Front=396 lbs Rear=660 lbs

## Available colors

Night Black # 716 with white pinstripping

## 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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