

2001 BMW R 1100 SA Light

Importer: BMW of North America, Inc.

Manufacturer: BMW AG, Munich, Germany

Mfr.'s Suggested Retail Price: *\$16,500.00

*Actual Price Determined by Dealer

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

MSRP includes equalized freight

Engine

Type Air cooled/Oil cooled twin cylinder

Bore x stroke 99 mm x 70.5 mm

Displacement 1085 cc

Horsepower 98 bhp @ 7500 rpm

Torque 70 lb.-ft. @ 5750 rpm

Compression ratio 11.3:1

Valve gear HC, chain-driven

Valves 2x34 mm intake / 2x29 mm exhaust

Valve timing intake opens 5 degrees after TDC

(measured at 3 mm intake closes 33 degrees after BDC

valve clearance) exhaust opens 27 degrees before BDC

exhaust closes 5 degrees before TDC

Valves per cylinder four

Camshafts 300 degrees

Engine oil capacity 4.3 quarts of SG, SH motor oil, also w/CD or CE

Engine oil filter spin-on Micronic filter cartridge

Carburetion fuel injection and electronic ignition MA 2.4

Ignition controlled by Bosch Motronic MA 2.4

Fuel demand unleaded, premium, 91 AKI

Fuel tank aluminum tank with enclosed fuel pump & filter

Fuel capacity 4.75 U.S. gallons including 1 gal. reserve

Air Filter Plate-type

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

Battery BMW Mareg, 19 Amp/h low maintenance

Cooling system combined air/oil cooled

Brakes

Brake system FAG antilock brake system - ABS II

Front brakes two 4-piston calipers, wear compensation

Front rotors dual 12.0 inch floating rotor

Actuation method hydraulic, DOT 4 fluid type

Rear brake single two-piston floating caliper

Rear rotor single 10.9 inch fixed rotor

Actuation method hydraulic, DOT 4 fluid type

Wheels and Tires

Front wheel 3.50 x 17 MT-H2, cast light alloy

Rear wheel 5.00 x 17 MT-H2, cast light alloy

Front tire 120/70 - ZR 17 tubeless

Rear tire 170/60 - ZR 17 tubeless

Dimensions

Overall length 85.8 inches (2180 mm)

Overall width 22.8 inches (580 mm) (across footrest)

Wheelbase 58.2 inches (1478 mm) (unladen)

Ground clearance 5.9 inches (150 mm) (unladen)

Seat height 31.5 inches (800 mm)

Handlebar width 29.9 inches (760 mm)(with weights)

Steering angle 65.0 degrees

Front wheel trail 3.9 inches (100 mm) (unladen)

Weight - dry 487 lbs.

Weight - wet 504 lbs.

Maximum load 992 lbs. gross vehicle weight rating

Wheel load Front=397 lbs

limits Rear=661 lbs

Drivetrain

Primary drive helical-cut gears with tensioner

Clutch 165 mm dry, single plate with hydraulic actuation

Gear ratios 1st gear: 2.045:1 4th gear: 1.038:1

2nd gear: 1.600:1 5th gear: 0.900:1

3rd gear: 1.267:1 6th gear 0.800:1

Drive system enclosed driveshaft with two universal joints and integral torsional damper

Final drive spiral bevel gears, 2.75:1 ratio

Available colors

Night Black #716 Carbon Fiber Kit

Standard Equipment

-Carbon Fiber Components; belly pan, center section of upper fairing, center section for fuel tank, upper yoke cover, seat cowl, spark plug cover and foot rest deflectors.

-Integral sport half-fairing with windshield

-6 speed transmission

-5.5 inch rear wheel

-Integrated ignition switch and steering lock

-Hazard warning flashers

-Light Telelever front suspension

-Electronically-controlled 3-way catalytic converter

Frame and Suspension

Frame New 3-section frame concept

Front suspension Light Telelever with central spring strut & progressive spring and variable rebound damping.

Travel / dimensions 4.33 inches / 35 mm fixed tube diameter

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

Travel / dimensions 5.12 inches, progressive spring, hydraulic pre-load adjustment

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